

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069465.D
 Acq On : 12 Nov 2021 13:48
 Operator : JC/MD
 Sample : VN1112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:24:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	1006565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1734478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1597011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	673857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	792182	54.279	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.560%			
35) Dibromofluoromethane	8.021	113	552767	53.137	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.280%			
50) Toluene-d8	10.443	98	2188150	53.482	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.960%			
62) 4-Bromofluorobenzene	12.733	95	758331	50.454	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	211459	19.664	ug/l	99
3) Chloromethane	2.303	50	242260	19.425	ug/l	98
4) Vinyl Chloride	2.445	62	244278	19.562	ug/l	99
5) Bromomethane	2.861	94	158233	19.511	ug/l	98
6) Chloroethane	3.022	64	163575	19.407	ug/l	99
7) Trichlorofluoromethane	3.376	101	379694	19.674	ug/l	99
8) Diethyl Ether	3.824	74	122632	19.640	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.208	101	180014	19.801	ug/l	94
10) Methyl Iodide	4.419	142	200072	17.943	ug/l	95
11) Tert butyl alcohol	5.385	59	220926	84.006	ug/l	99
12) 1,1-Dichloroethene	4.178	96	158543	19.434	ug/l	89
13) Acrolein	4.041	56	25780	64.313	ug/l	97
14) Allyl chloride	4.840	41	336920	18.679	ug/l	96
15) Acrylonitrile	5.559	53	679776	100.936	ug/l	97
16) Acetone	4.291	43	754142	95.771	ug/l	94
17) Carbon Disulfide	4.527	76	305031	15.818	ug/l	98
18) Methyl Acetate	4.857	43	492488	19.240	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	701082	20.306	ug/l	98
20) Methylene Chloride	5.098	84	211409	18.933	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	177757	19.508	ug/l	87
22) Diisopropyl ether	6.501	45	804753	20.712	ug/l	97
23) Vinyl Acetate	6.436	43	3028068	100.765	ug/l	95
24) 1,1-Dichloroethane	6.385	63	400079	20.216	ug/l	97
25) 2-Butanone	7.340	43	1045158	98.021	ug/l	93
26) 2,2-Dichloropropane	7.327	77	296658	19.159	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	229074	20.280	ug/l	89
28) Bromochloromethane	7.659	49	204842	20.212	ug/l #	81
29) Tetrahydrofuran	7.689	42	667012	101.937	ug/l	90
30) Chloroform	7.820	83	419009	20.653	ug/l	100
31) Cyclohexane	8.094	56	376707	18.893	ug/l	94
32) 1,1,1-Trichloroethane	8.019	97	339636	20.056	ug/l	96
36) 1,1-Dichloropropene	8.222	75	283939	19.455	ug/l	97
37) Ethyl Acetate	7.418	43	395665	20.055	ug/l	95
38) Carbon Tetrachloride	8.209	117	269458	19.124	ug/l	99
39) Methylcyclohexane	9.461	83	335591	18.484	ug/l	91
40) Benzene	8.461	78	909405	20.187	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069465.D
 Acq On : 12 Nov 2021 13:48
 Operator : JC/MD
 Sample : VN1112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:24:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	200960	19.714	ug/l	91
42) 1,2-Dichloroethane	8.534	62	362500	20.551	ug/l	97
43) Isopropyl Acetate	8.563	43	639842	20.192	ug/l #	94
44) Trichloroethene	9.217	130	210780	19.550	ug/l	92
45) 1,2-Dichloropropane	9.494	63	244993	20.356	ug/l	96
46) Dibromomethane	9.579	93	161250	20.002	ug/l	90
47) Bromodichloromethane	9.765	83	291355	19.368	ug/l	98
48) Methyl methacrylate	9.563	41	282618	18.956	ug/l	94
49) 1,4-Dioxane	9.571	88	98457	359.279	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	2101792	102.757	ug/l	95
52) Toluene	10.507	92	568239	20.248	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	288867	17.431	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	325719	17.865	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	234675	20.744	ug/l	99
56) Ethyl methacrylate	10.762	69	371342	18.756	ug/l	87
57) 1,3-Dichloropropane	11.047	76	401388	20.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	440330	95.779	ug/l	92
59) 2-Hexanone	11.087	43	1507149	92.438	ug/l	93
60) Dibromochloromethane	11.240	129	195302	17.386	ug/l	98
61) 1,2-Dibromoethane	11.347	107	230292	18.918	ug/l	100
64) Tetrachloroethene	10.979	164	191166	19.824	ug/l	94
65) Chlorobenzene	11.773	112	595349	20.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	211890	20.551	ug/l	98
67) Ethyl Benzene	11.846	91	1096037	19.992	ug/l	96
68) m/p-Xylenes	11.956	106	813114	40.326	ug/l	94
69) o-Xylene	12.283	106	406700	20.232	ug/l	94
70) Styrene	12.296	104	656626	19.160	ug/l	97
71) Bromoform	12.460	173	131348	17.093	ug/l #	100
73) Isopropylbenzene	12.581	105	1070347	19.949	ug/l	98
74) N-amyl acetate	12.390	43	442670	19.468	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	366285	20.242	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	304908m	19.607	ug/l	
77) Bromobenzene	12.862	156	245540	20.010	ug/l	82
78) n-propylbenzene	12.924	91	1197051	19.828	ug/l	96
79) 2-Chlorotoluene	13.010	91	740939	19.822	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	868849	20.031	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	74024	18.316	ug/l	84
82) 4-Chlorotoluene	13.106	91	701969	19.700	ug/l	94
83) tert-Butylbenzene	13.326	119	775388	20.400	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	842728	20.126	ug/l	99
85) sec-Butylbenzene	13.503	105	1057690	19.920	ug/l	98
86) p-Isopropyltoluene	13.616	119	828433	19.654	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	425317	19.992	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	407600	19.530	ug/l	96
89) n-Butylbenzene	13.946	91	670851	19.086	ug/l	97
90) Hexachloroethane	14.211	117	122473	17.286	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	418805	20.689	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	57252	18.203	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	176083	18.681	ug/l	99
94) Hexachlorobutadiene	15.373	225	110109	20.934	ug/l	98
95) Naphthalene	15.509	128	500504	19.693	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	173567	19.197	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
Data File : VN069465.D
Acq On : 12 Nov 2021 13:48
Operator : JC/MD
Sample : VN1112MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

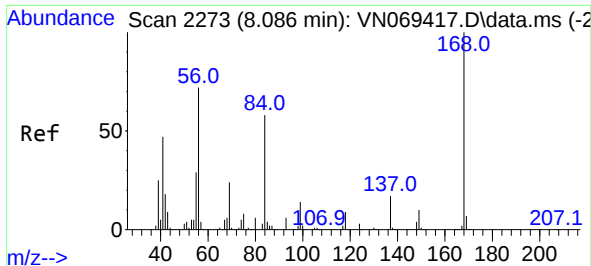
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:24:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

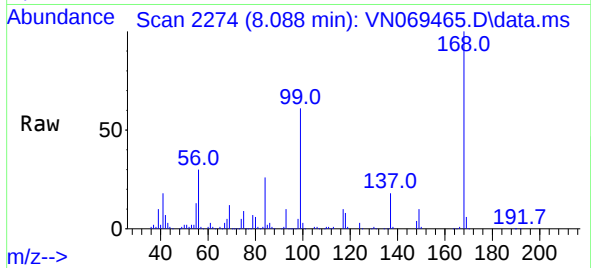
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

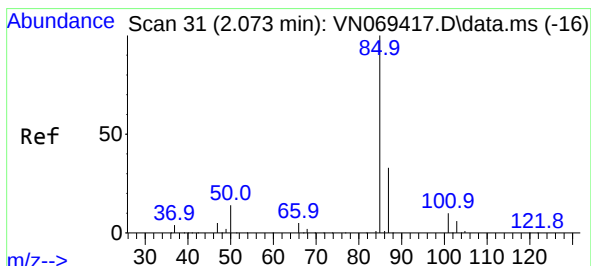
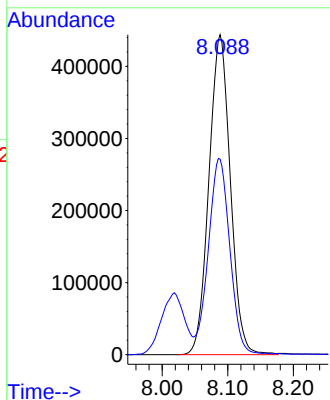
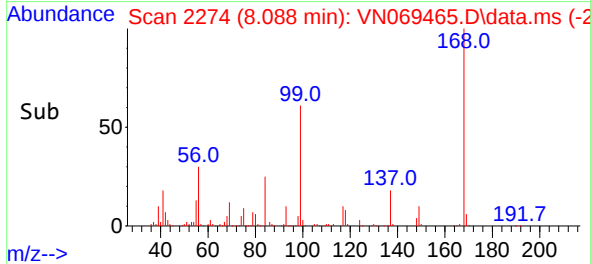
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



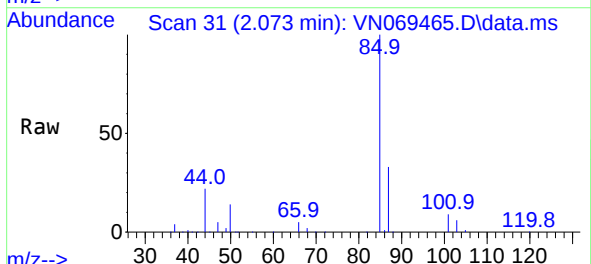
Tgt Ion:168 Resp: 100656
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

Manual Integrations
APPROVED

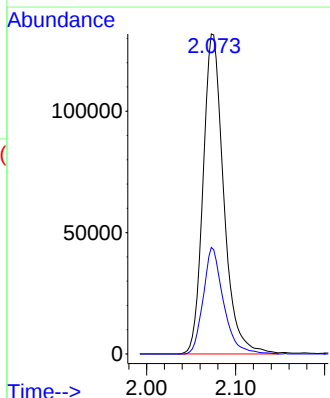
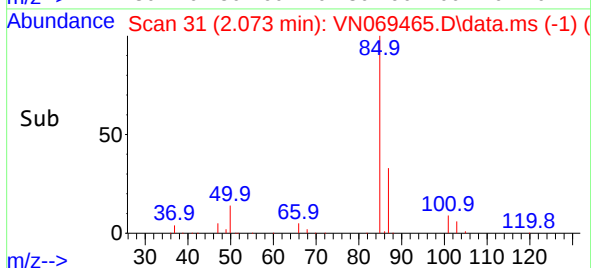
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

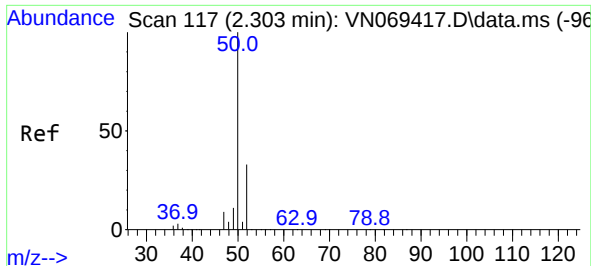


#2
Dichlorodifluoromethane
Concen: 19.664 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



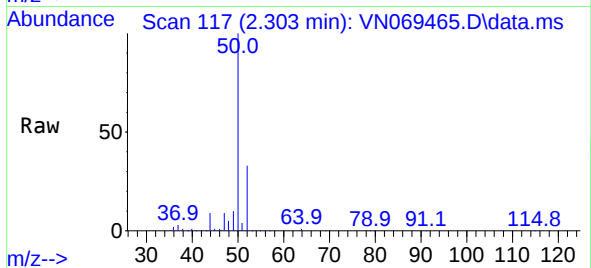
Tgt Ion: 85 Resp: 211459
Ion Ratio Lower Upper
85 100
87 33.3 16.3 48.9





#3
Chloromethane
Concen: 19.425 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

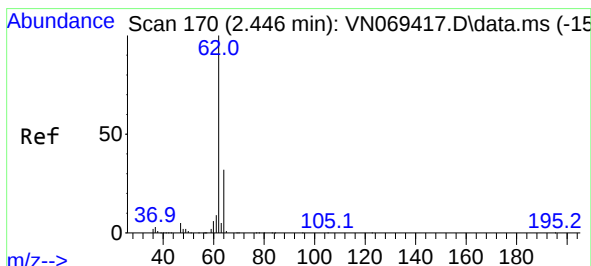
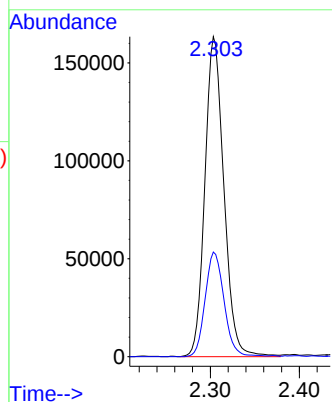
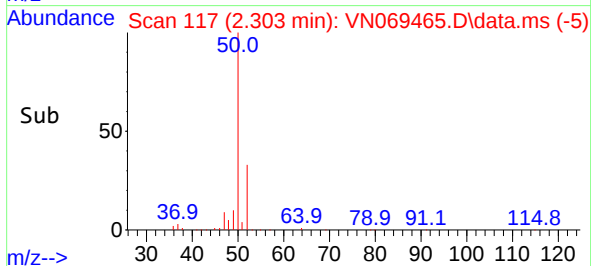
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



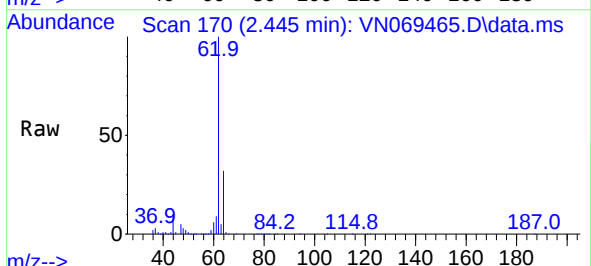
Tgt Ion: 50 Resp: 242260
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

Manual Integrations
APPROVED

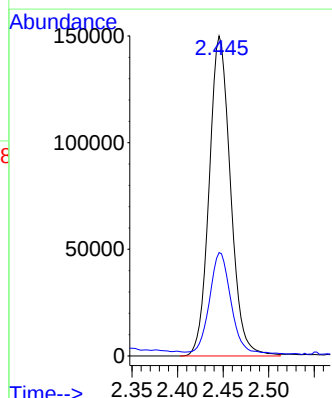
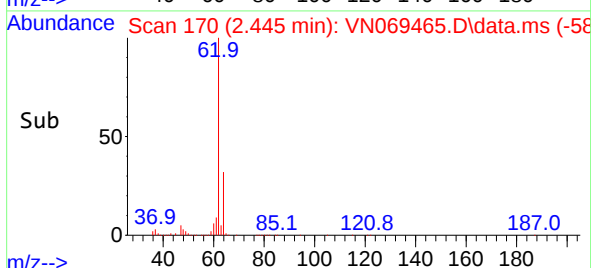
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

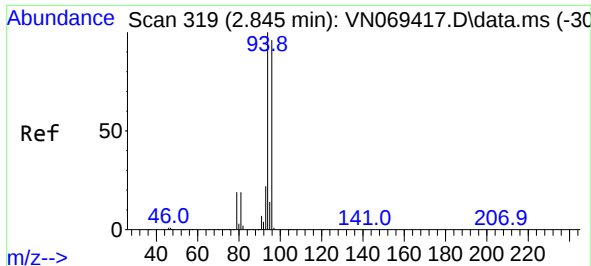


#4
Vinyl Chloride
Concen: 19.562 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



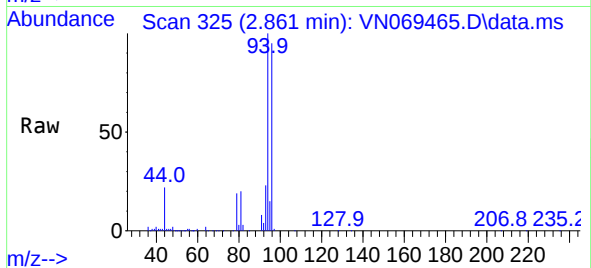
Tgt Ion: 62 Resp: 244278
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 19.511 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

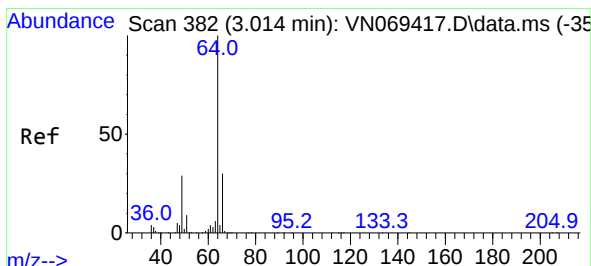
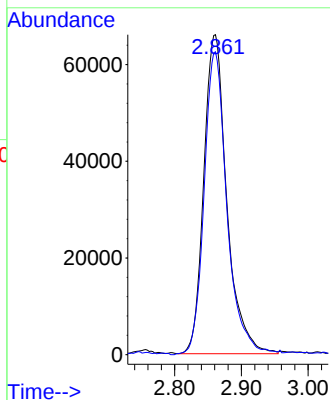
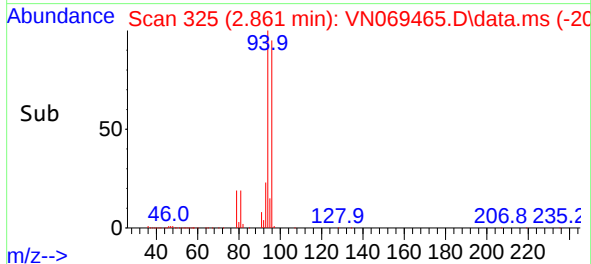
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



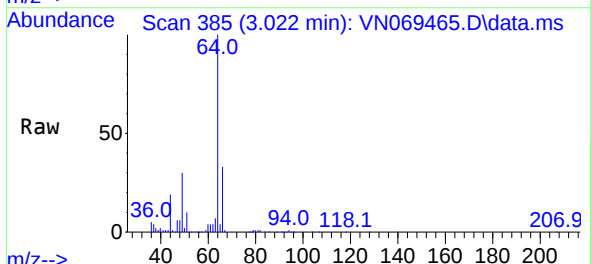
Tgt Ion: 94 Resp: 15823
Ion Ratio Lower Upper
94 100
96 94.6 73.8 110.8

Manual Integrations
APPROVED

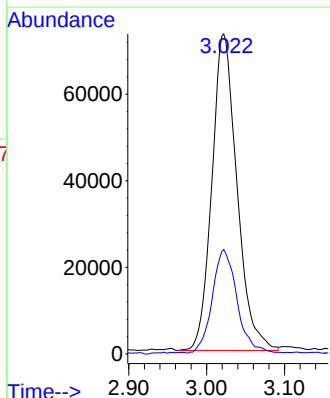
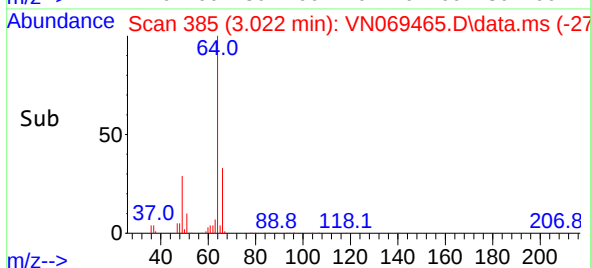
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

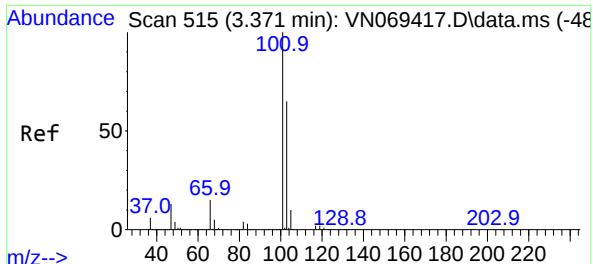


#6
Chloroethane
Concen: 19.407 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



Tgt Ion: 64 Resp: 163575
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5





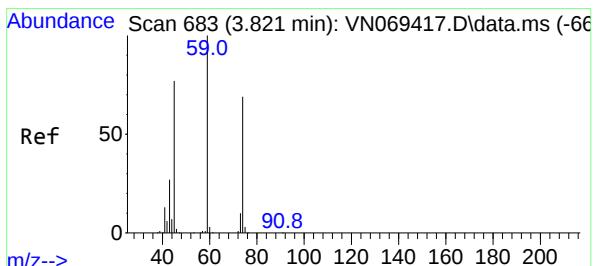
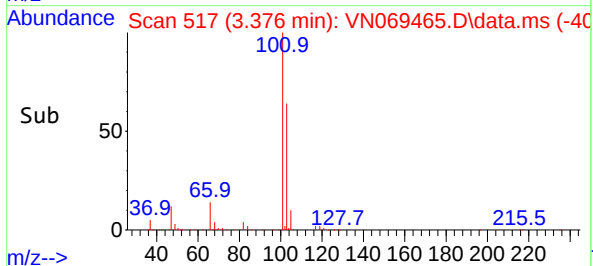
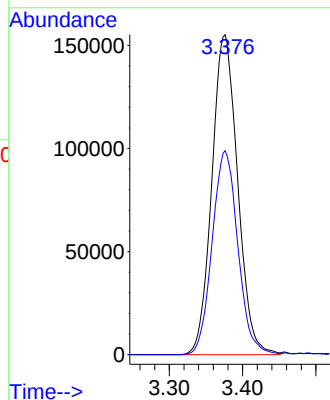
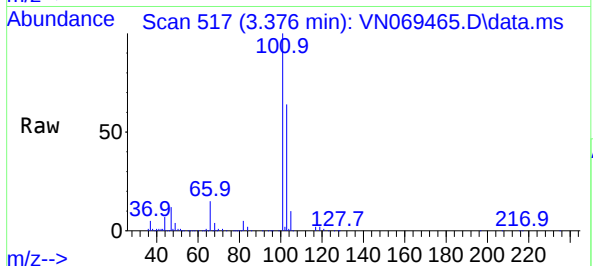
#7
Trichlorofluoromethane
Concen: 19.674 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:101 Resp: 379694
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

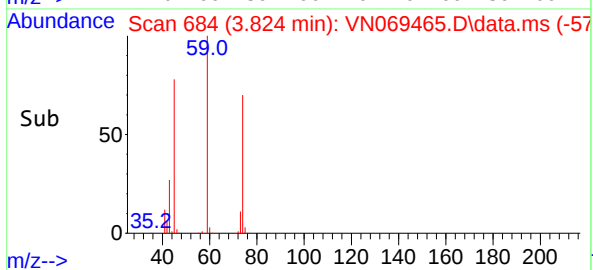
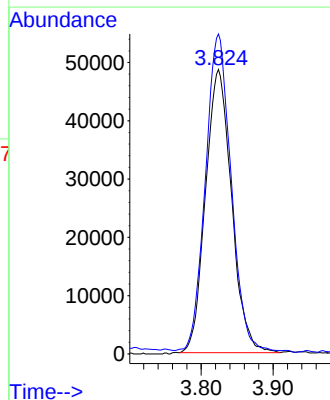
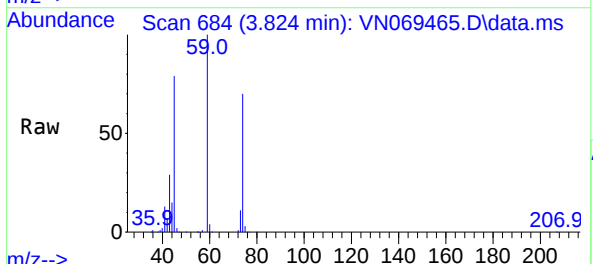
Manual Integrations
APPROVED

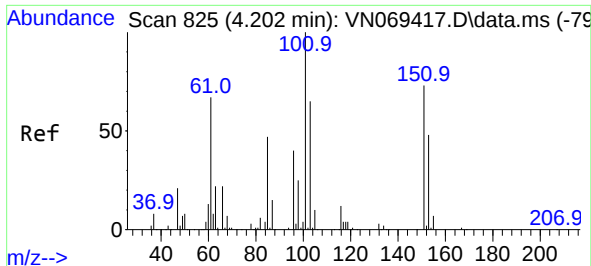
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#8
Diethyl Ether
Concen: 19.640 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Tgt Ion: 74 Resp: 122632
Ion Ratio Lower Upper
74 100
45 109.2 47.0 141.2





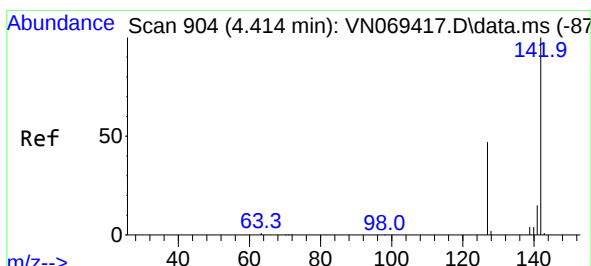
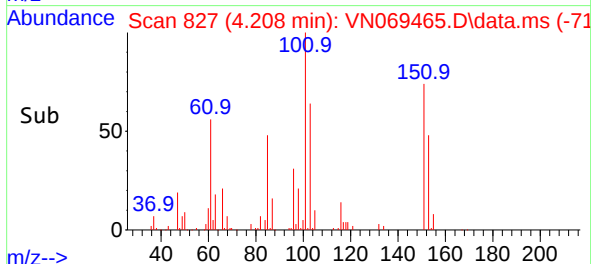
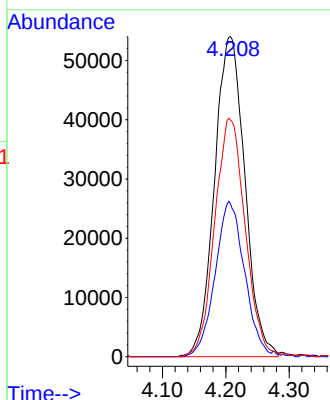
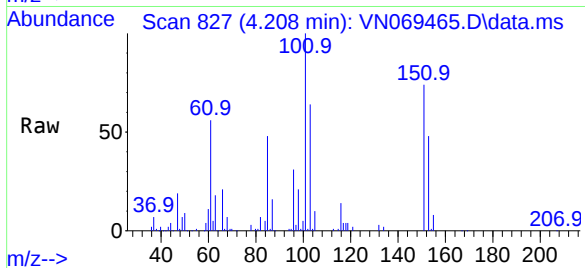
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.801 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:101 Resp: 180014
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 74.7 65.9 98.9

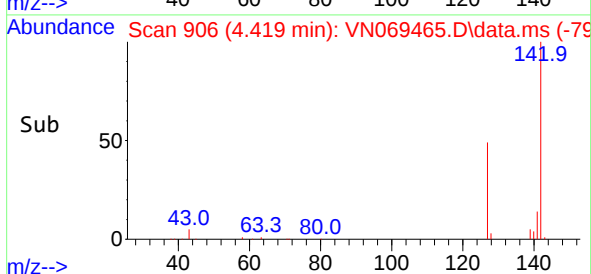
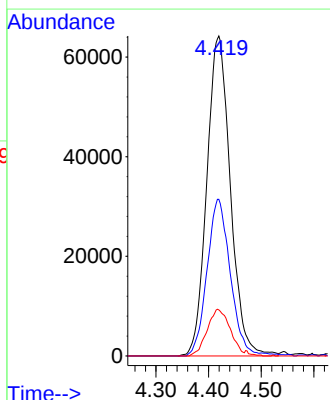
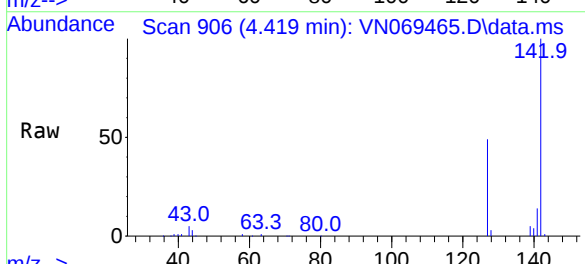
Manual Integrations
APPROVED

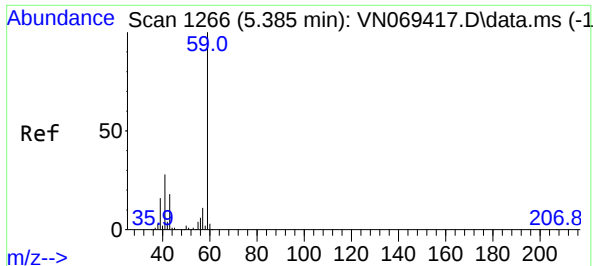
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 17.943 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

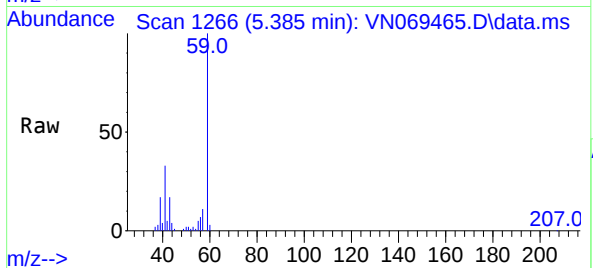
Tgt Ion:142 Resp: 200072
Ion Ratio Lower Upper
142 100
127 48.0 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 84.006 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

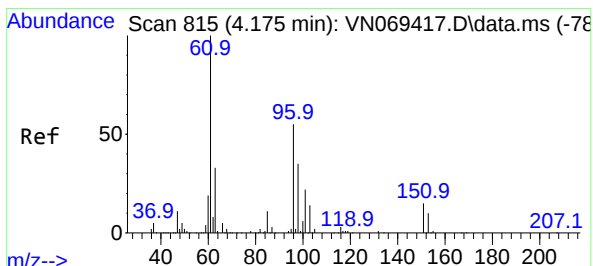
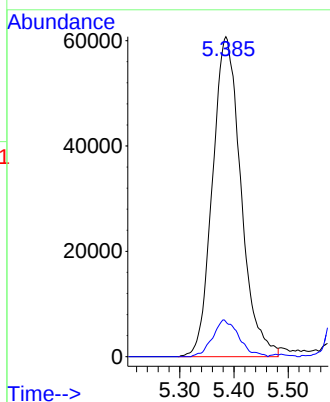
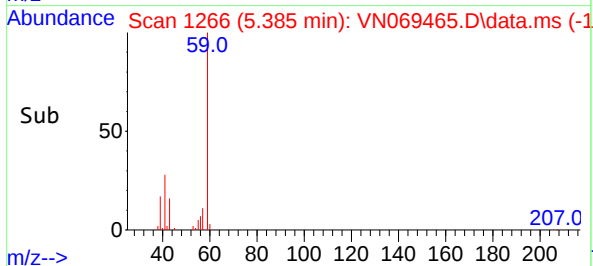
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



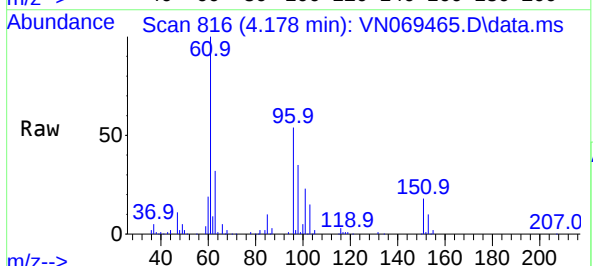
Tgt Ion: 59 Resp: 220920
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
APPROVED

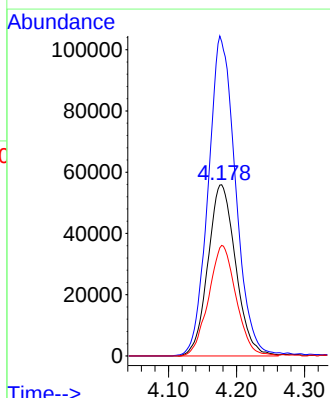
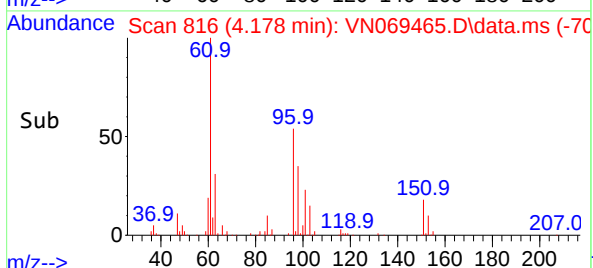
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

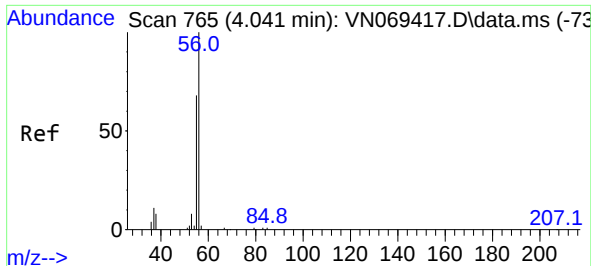


#12
1,1-Dichloroethene
Concen: 19.434 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



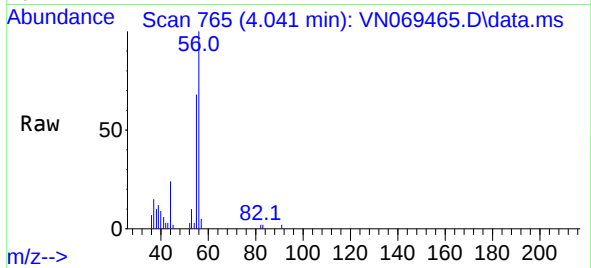
Tgt Ion: 96 Resp: 158543
Ion Ratio Lower Upper
96 100
61 183.0 131.0 196.6
98 64.6 52.4 78.6





#13
Acrolein
Concen: 64.313 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

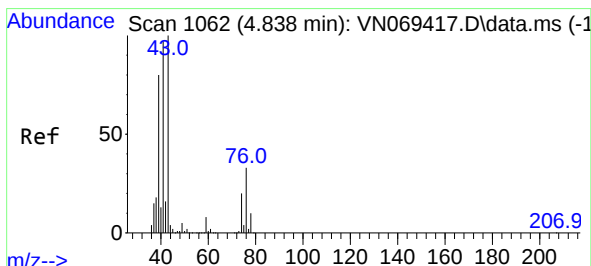
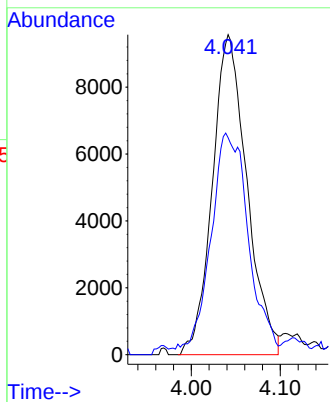
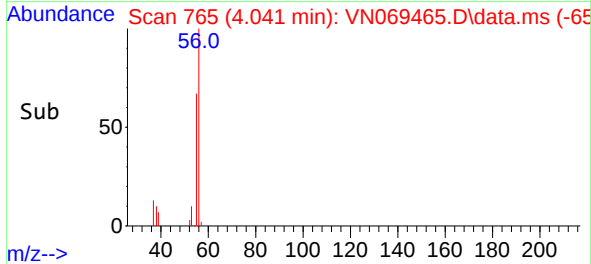
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



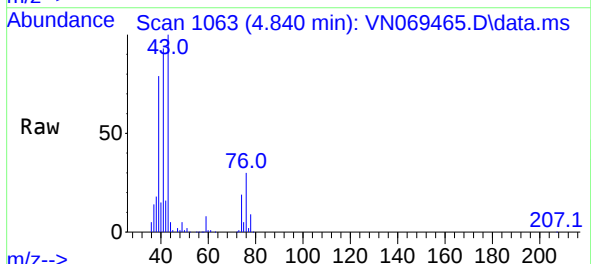
Tgt Ion: 56 Resp: 25780
Ion Ratio Lower Upper
56 100
55 73.4 56.6 85.0

Manual Integrations
APPROVED

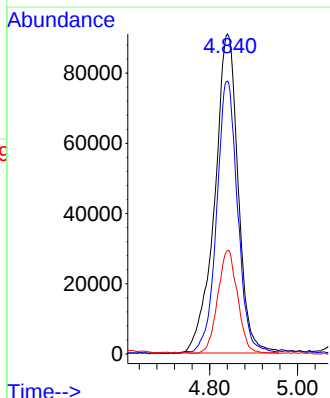
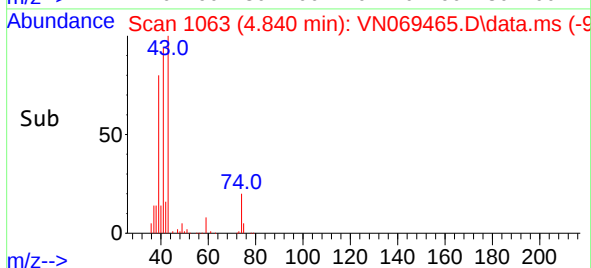
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

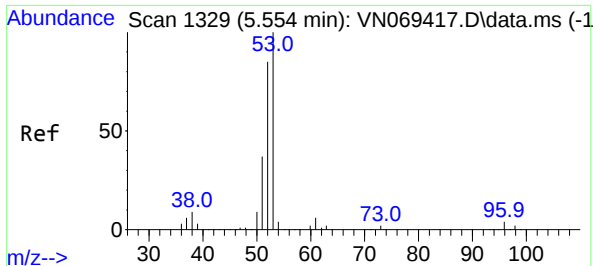


#14
Allyl chloride
Concen: 18.679 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



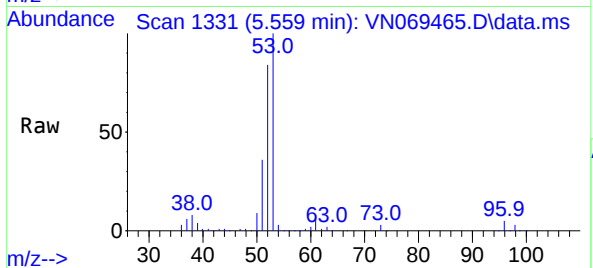
Tgt Ion: 41 Resp: 336920
Ion Ratio Lower Upper
41 100
39 74.8 61.2 91.8
76 27.3 26.0 39.0





#15
Acrylonitrile
Concen: 100.936 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

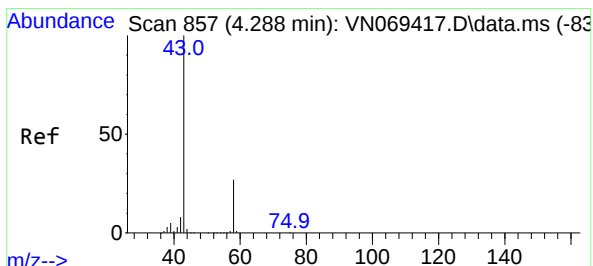
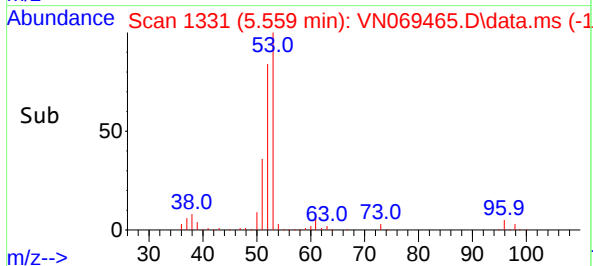
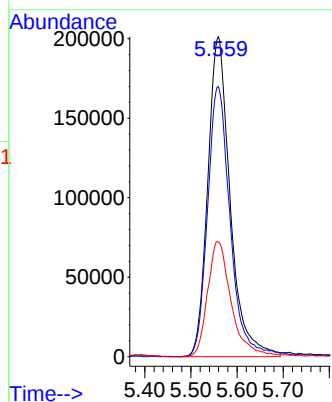
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 53 Resp: 679770
Ion Ratio Lower Upper
53 100
52 85.5 66.2 99.2
51 37.6 29.6 44.4

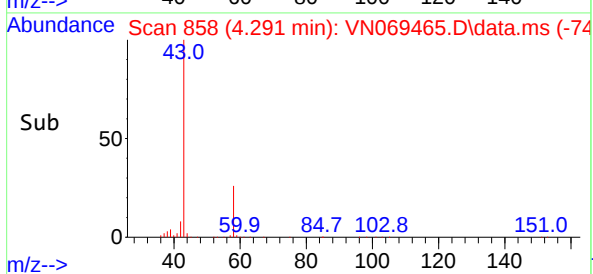
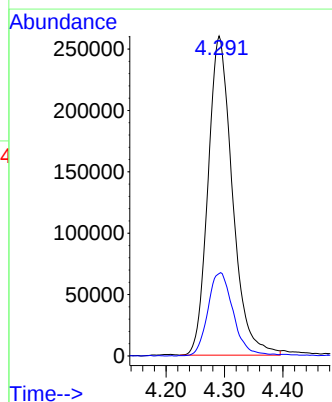
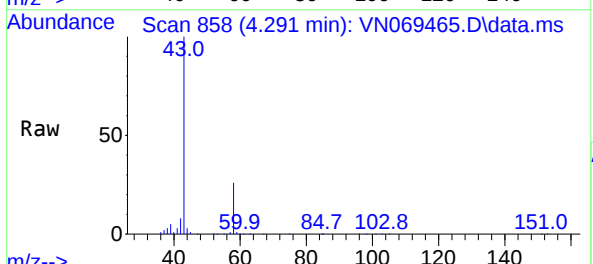
Manual Integrations
APPROVED

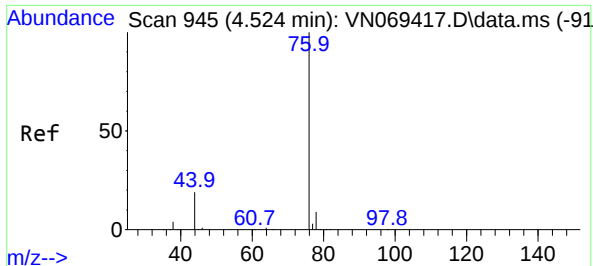
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 95.771 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

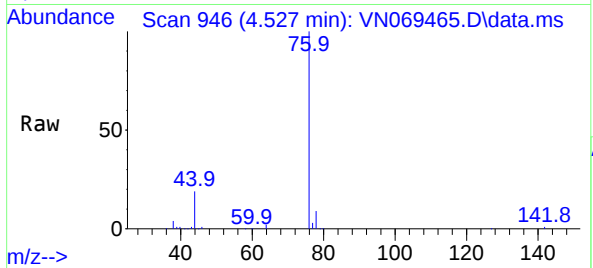
Tgt Ion: 43 Resp: 754142
Ion Ratio Lower Upper
43 100
58 25.7 23.1 34.7





#17
Carbon Disulfide
Concen: 15.818 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

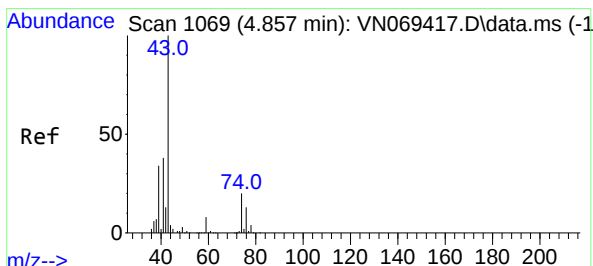
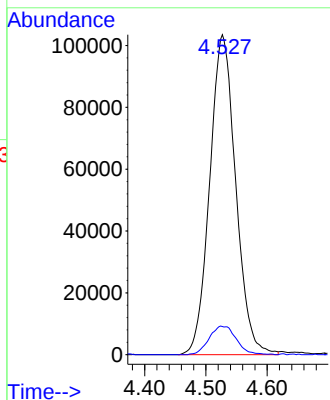
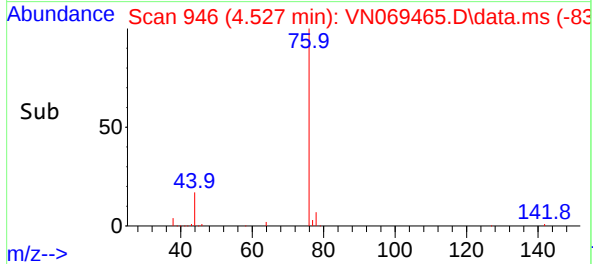
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 76 Resp: 30503
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

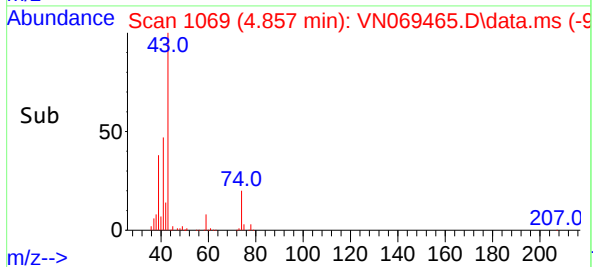
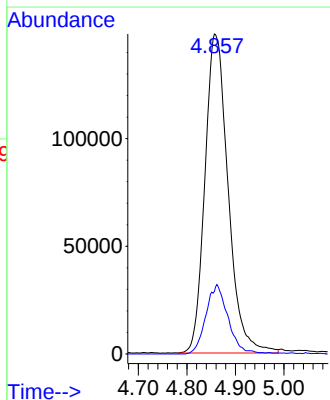
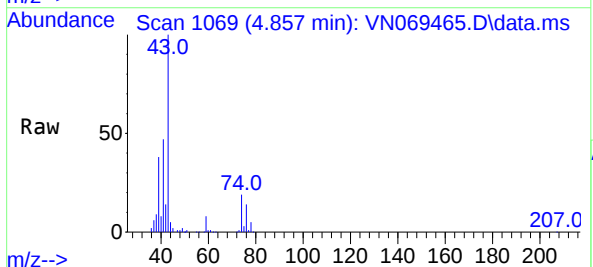
Manual Integrations
APPROVED

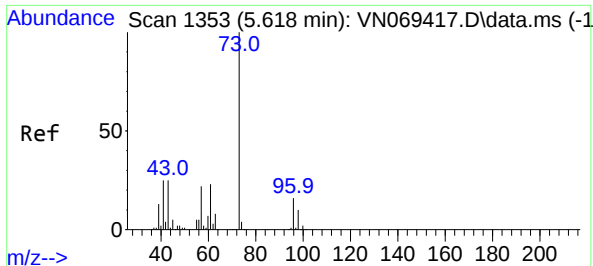
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 19.240 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

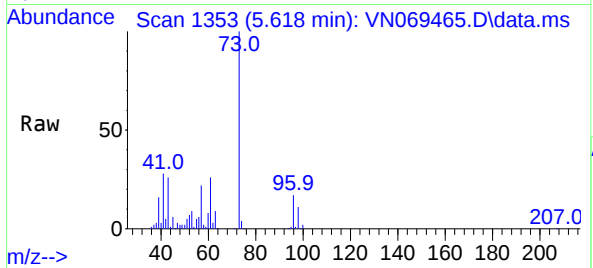
Tgt Ion: 43 Resp: 492488
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.306 ug/l
RT: 5.618 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

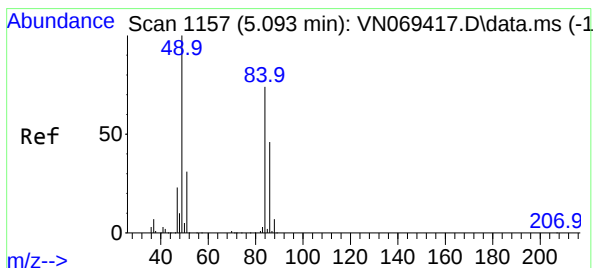
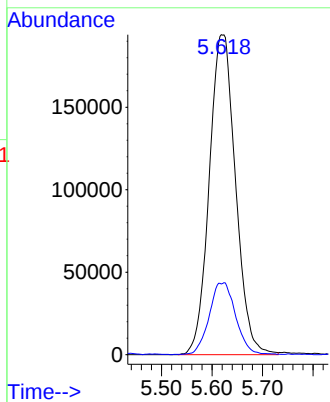
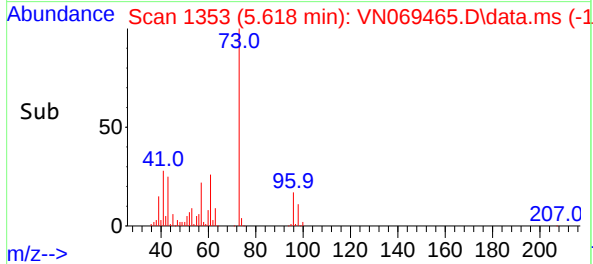
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



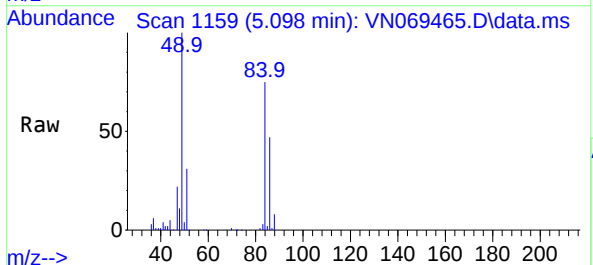
Tgt Ion: 73 Resp: 70108
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

Manual Integrations
APPROVED

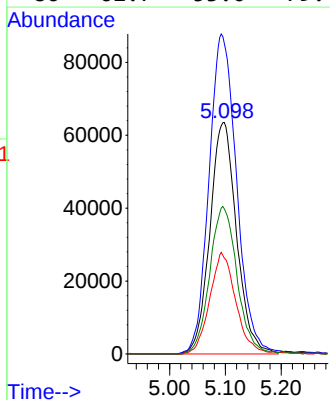
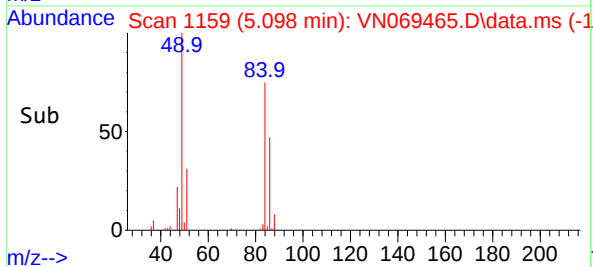
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

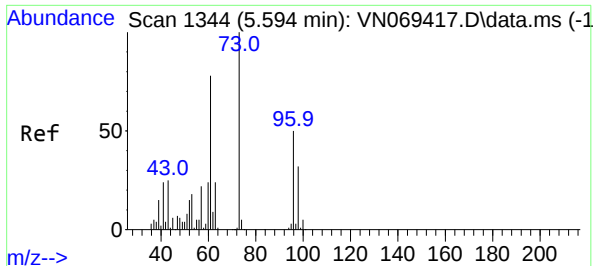


#20
Methylene Chloride
Concen: 18.933 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



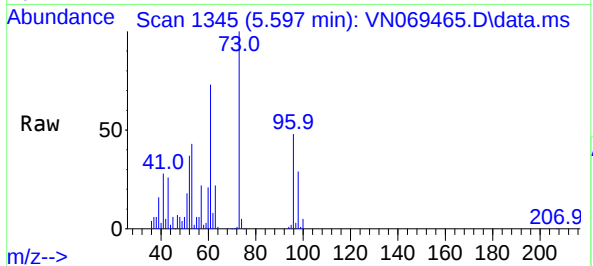
Tgt Ion: 84 Resp: 211409
Ion Ratio Lower Upper
84 100
49 134.2 93.5 140.3
51 41.4 29.4 44.2
86 62.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.508 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

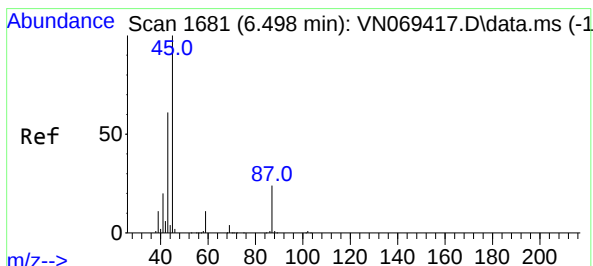
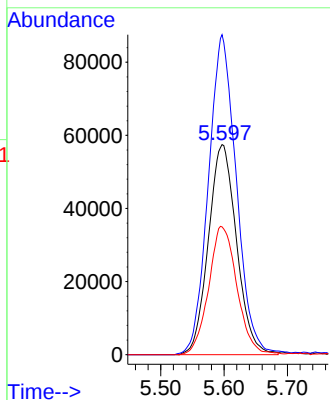
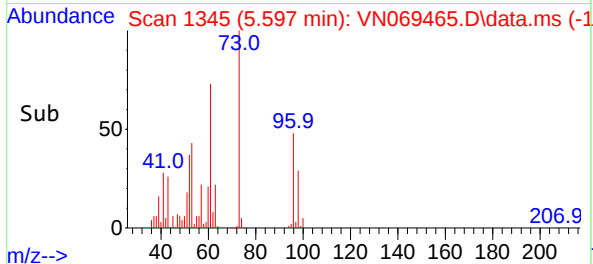
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



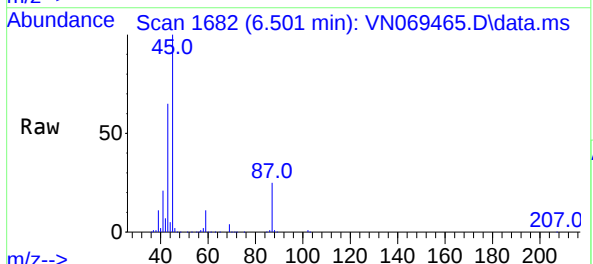
Tgt Ion: 96 Resp: 17775
Ion Ratio Lower Upper
96 100
61 151.7 105.8 158.6
98 60.9 52.0 78.0

Manual Integrations
APPROVED

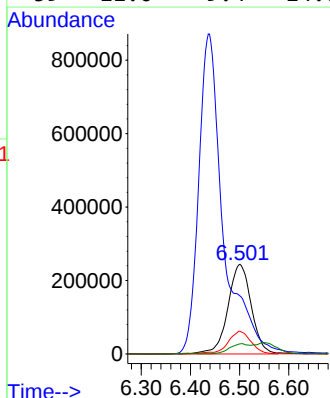
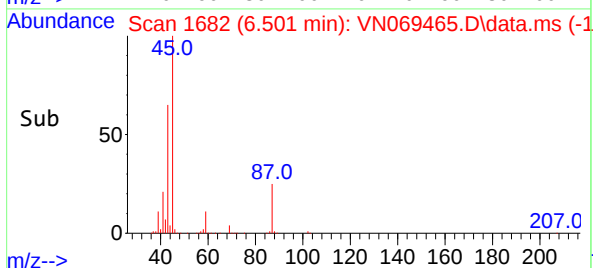
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

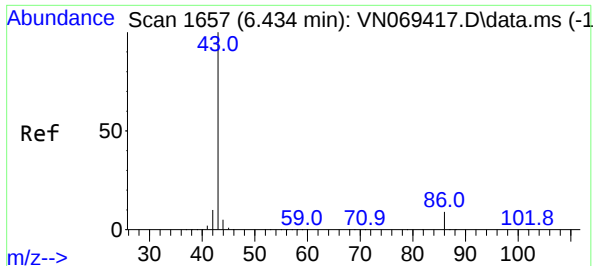


#22
Diisopropyl ether
Concen: 20.712 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



Tgt Ion: 45 Resp: 804753
Ion Ratio Lower Upper
45 100
43 63.9 51.7 77.5
87 25.2 23.2 34.8
59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 100.765 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.002 min

Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 43 Resp: 302806

Ion Ratio Lower Upper

43 100

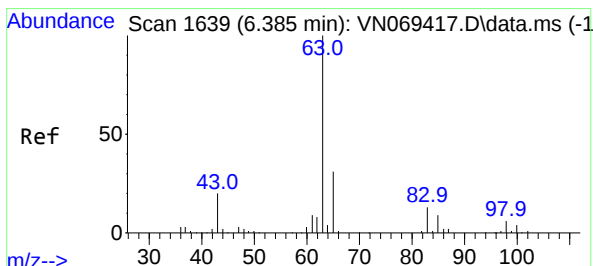
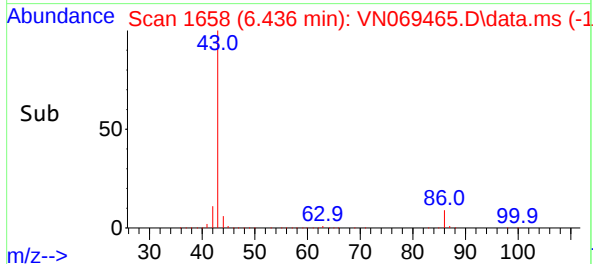
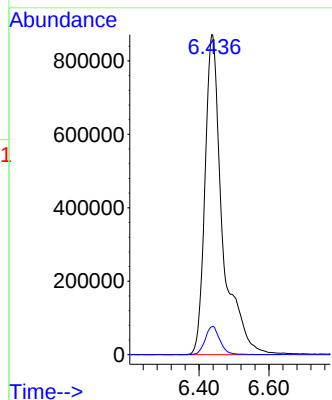
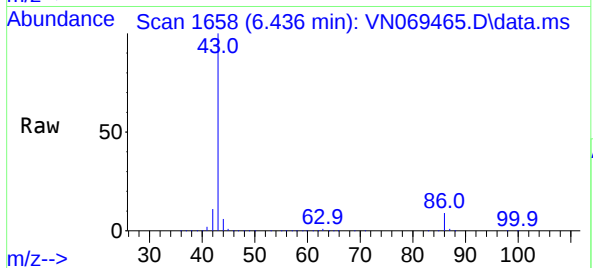
86 8.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#24

1,1-Dichloroethane

Concen: 20.216 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

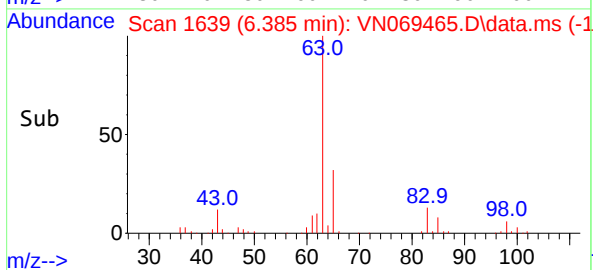
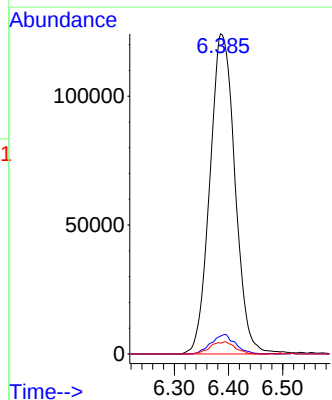
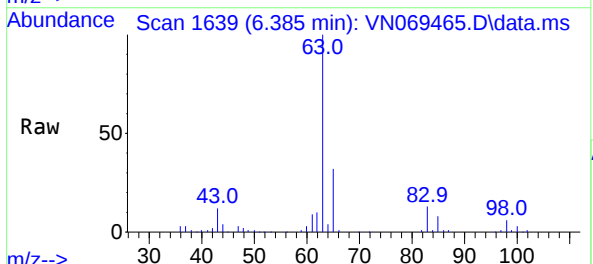
Tgt Ion: 63 Resp: 400079

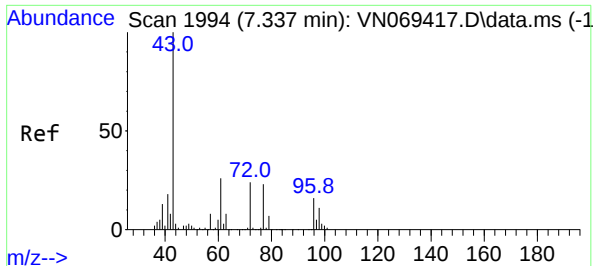
Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.9

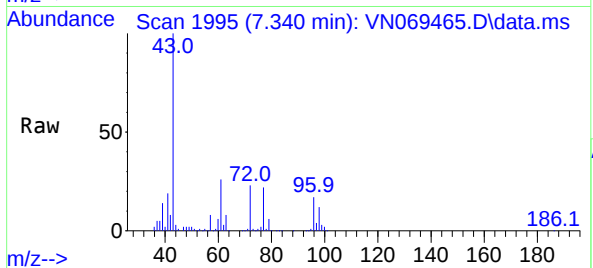
100 3.4 2.1 6.5





#25
2-Butanone
Concen: 98.021 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

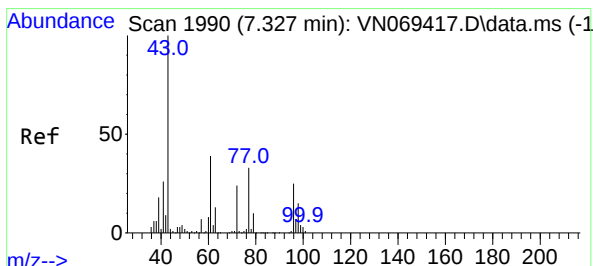
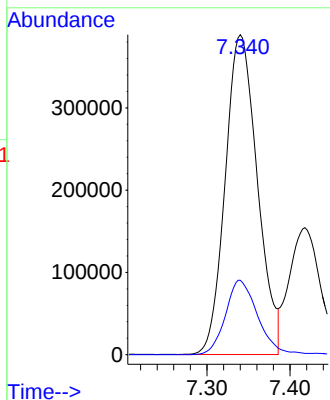
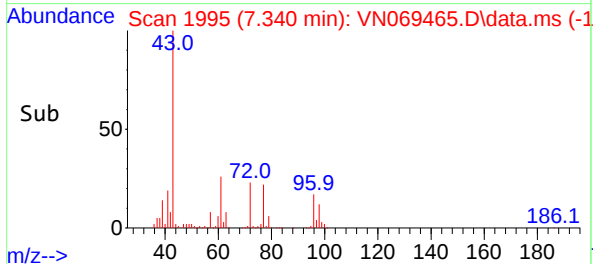
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



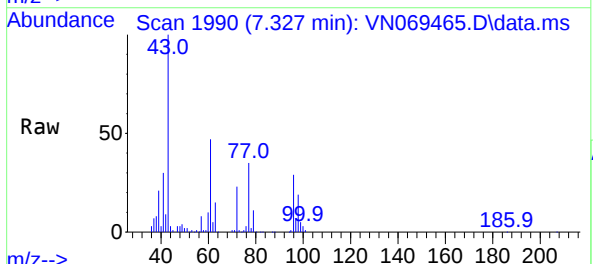
Tgt Ion: 43 Resp: 1045158
Ion Ratio Lower Upper
43 100
72 23.3 21.7 32.5

Manual Integrations
APPROVED

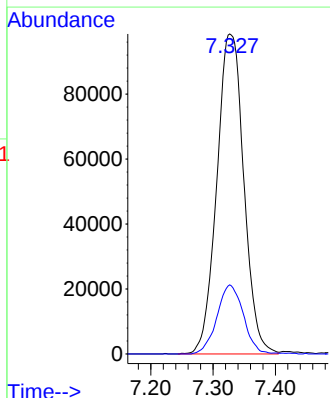
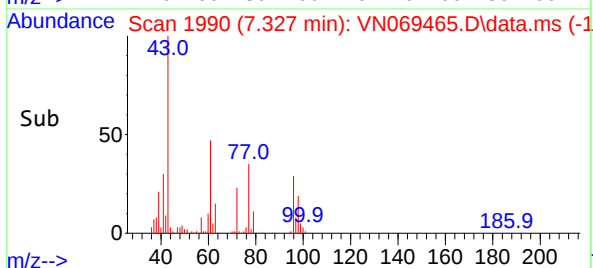
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

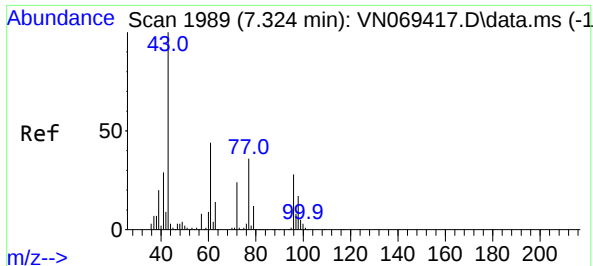


#26
2,2-Dichloropropane
Concen: 19.159 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



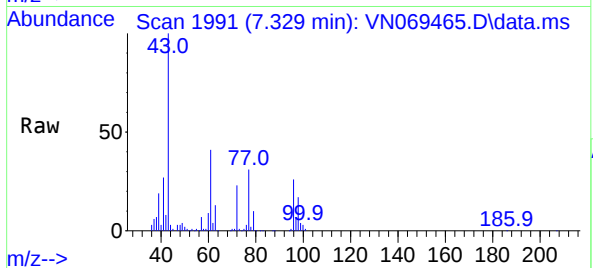
Tgt Ion: 77 Resp: 296658
Ion Ratio Lower Upper
77 100
97 21.1 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.280 ug/l
 RT: 7.329 min Scan# 1989
 Delta R.T. 0.005 min
 Lab File: VN069465.D
 Acq: 12 Nov 2021 13:48

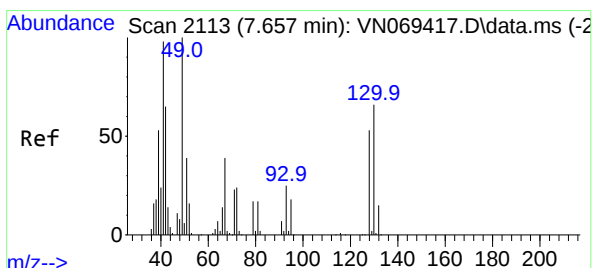
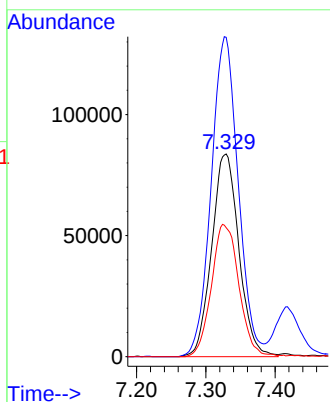
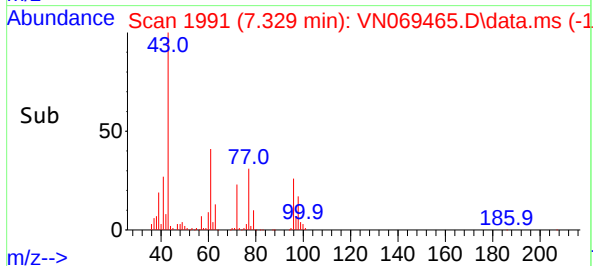
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01



Tgt Ion: 96 Resp: 229074
 Ion Ratio Lower Upper
 96 100
 61 156.4 0.0 275.0
 98 65.8 0.0 129.6

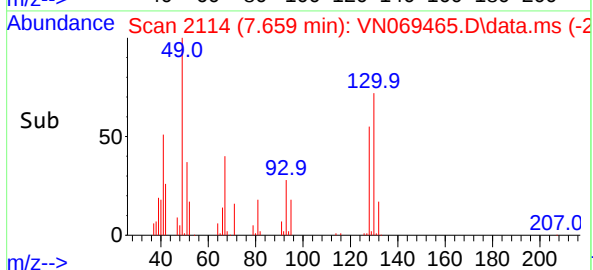
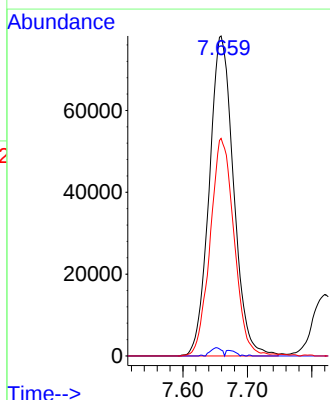
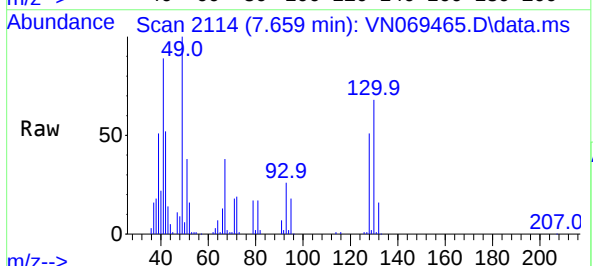
Manual Integrations
 APPROVED

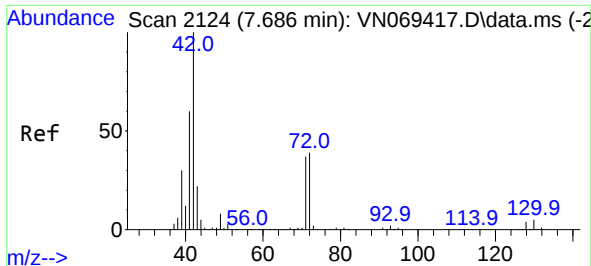
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 20.212 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN069465.D
 Acq: 12 Nov 2021 13:48

Tgt Ion: 49 Resp: 204842
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 66.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 101.937 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 42 Resp: 66701

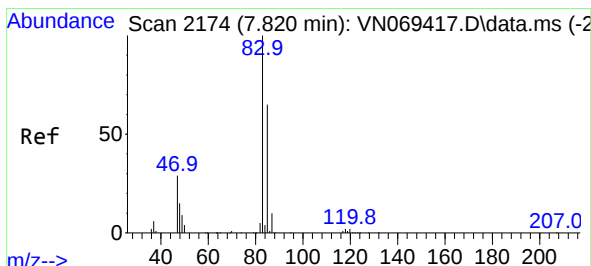
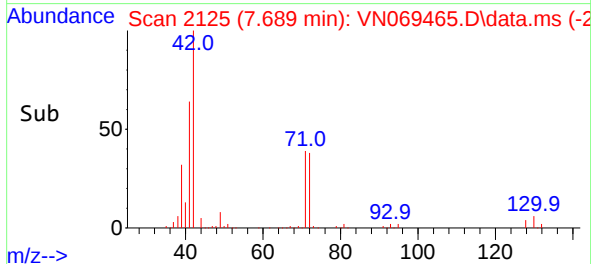
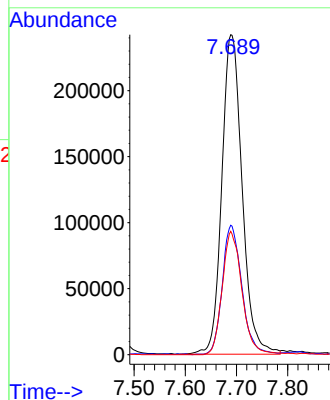
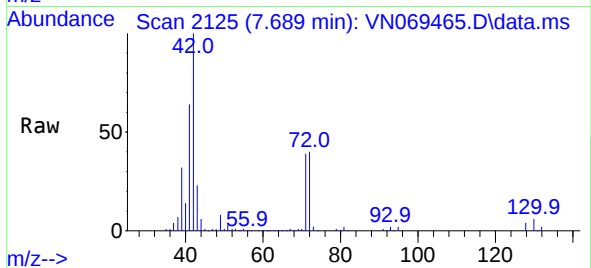
Ion	Ratio	Lower	Upper
42	100		
72	38.6	36.3	54.5
71	37.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 20.653 ug/l

RT: 7.820 min Scan# 2174

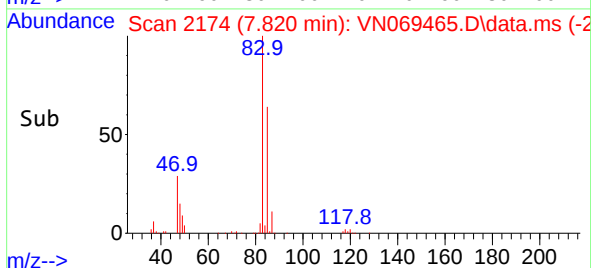
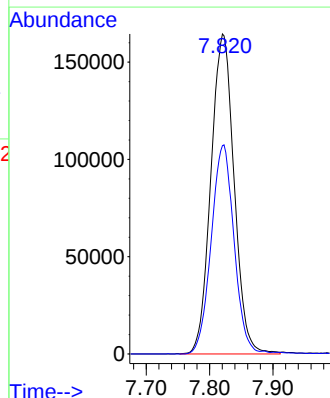
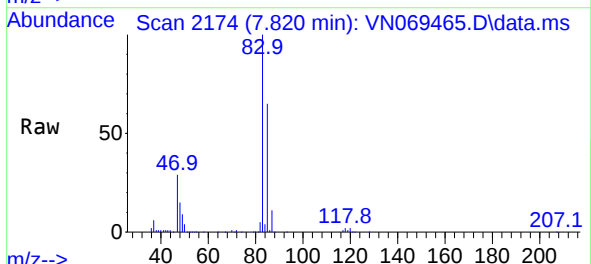
Delta R.T. 0.000 min

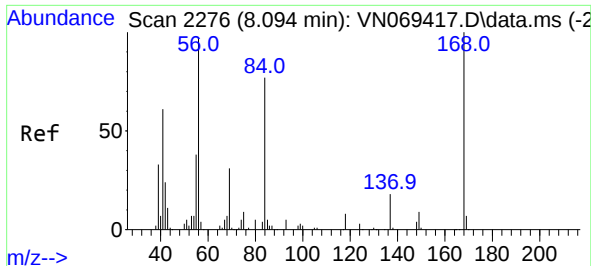
Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

Tgt Ion: 83 Resp: 419009

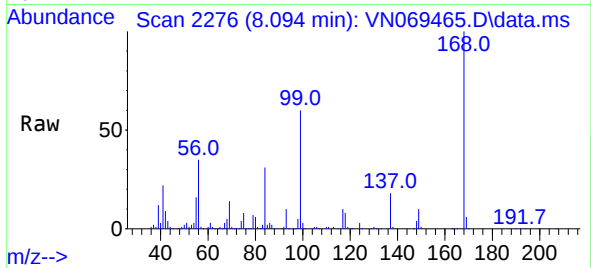
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9





#31
Cyclohexane
Concen: 18.893 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

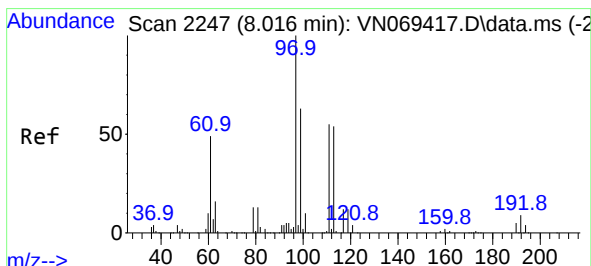
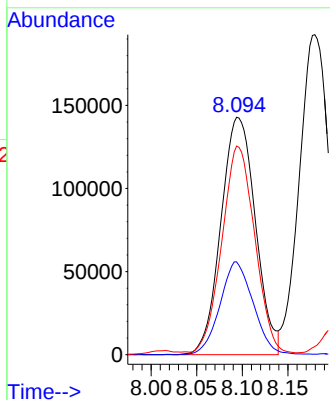
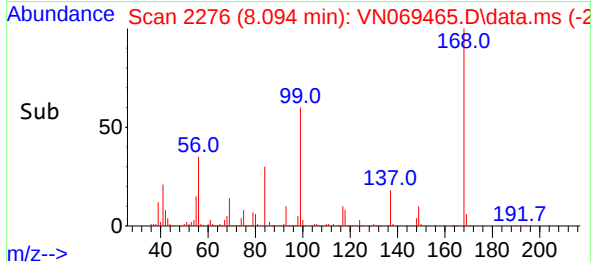
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



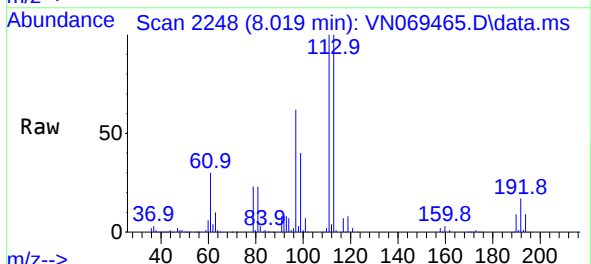
Tgt Ion: 56 Resp: 37670
Ion Ratio Lower Upper
56 100
69 39.1 27.1 40.7
84 86.7 73.4 110.0

Manual Integrations
APPROVED

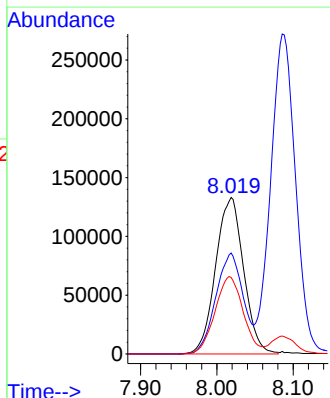
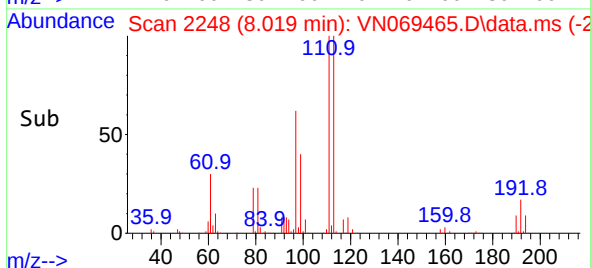
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

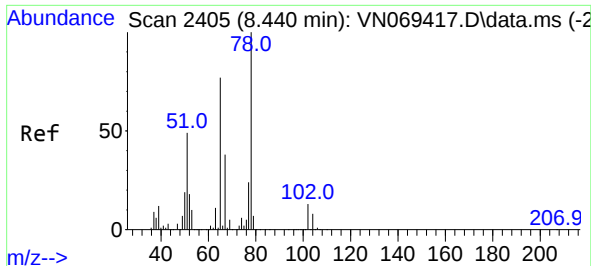


#32
1,1,1-Trichloroethane
Concen: 20.056 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



Tgt Ion: 97 Resp: 339636
Ion Ratio Lower Upper
97 100
99 63.0 50.1 75.1
61 50.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.279 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 65 Resp: 79218

Ion Ratio Lower Upper

65 100

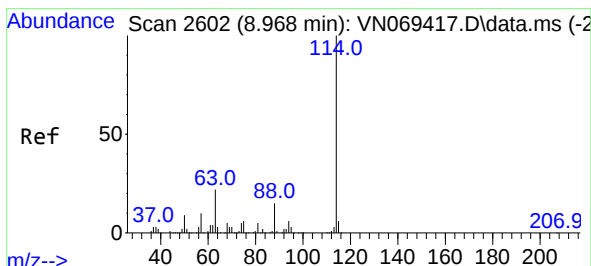
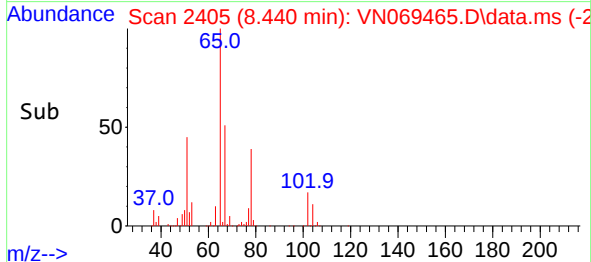
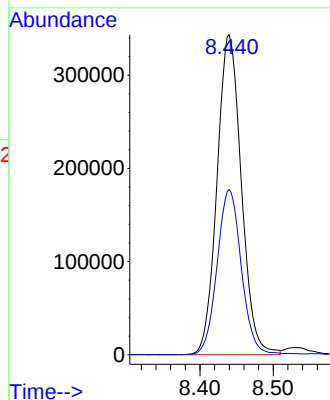
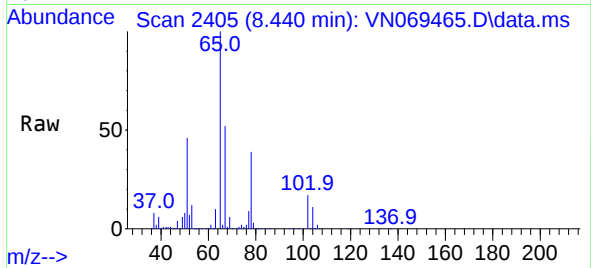
67 51.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

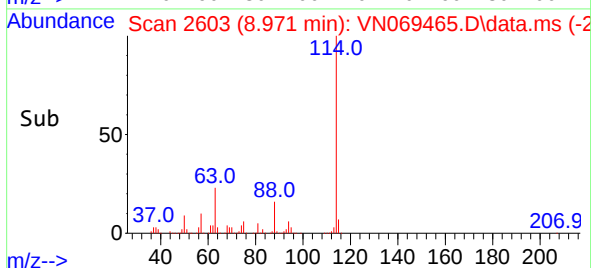
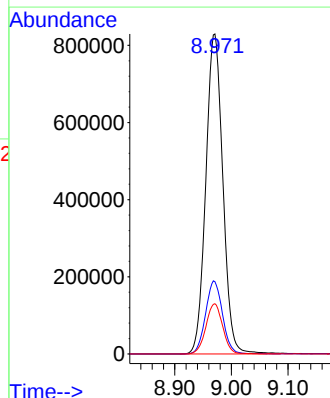
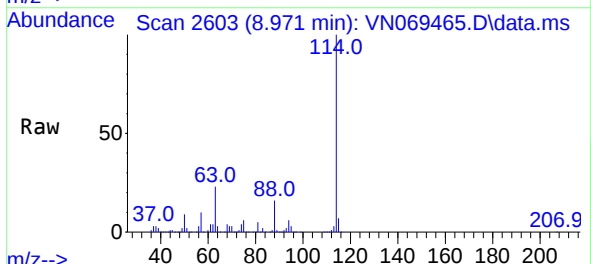
Tgt Ion:114 Resp: 1734478

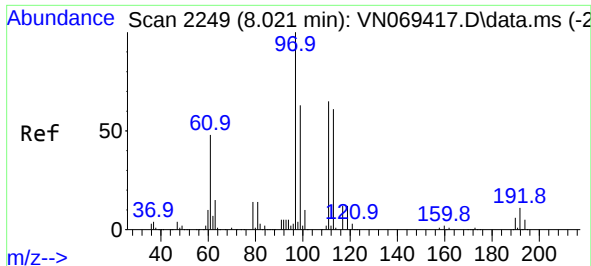
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

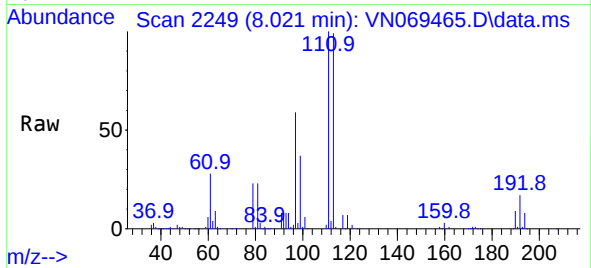
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.137 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

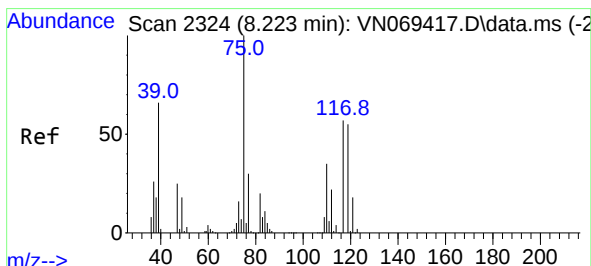
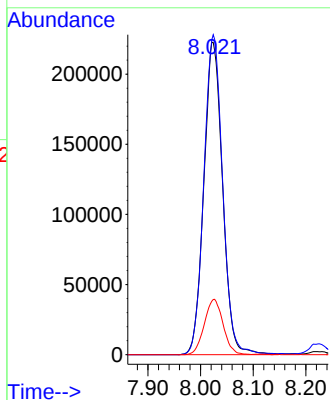
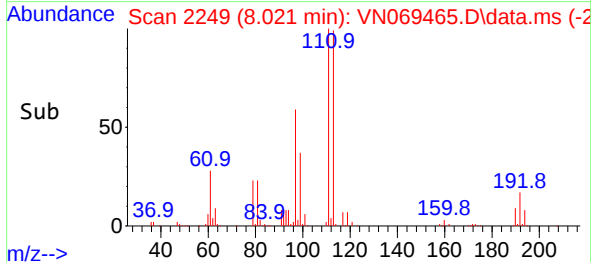
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 113 Resp: 55276
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 17.7 16.9 25.3

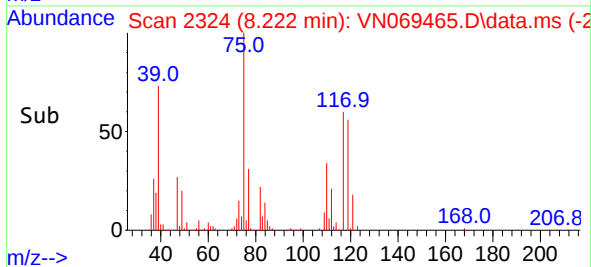
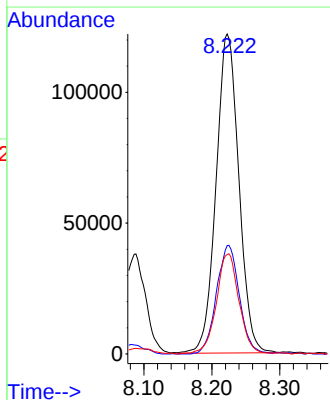
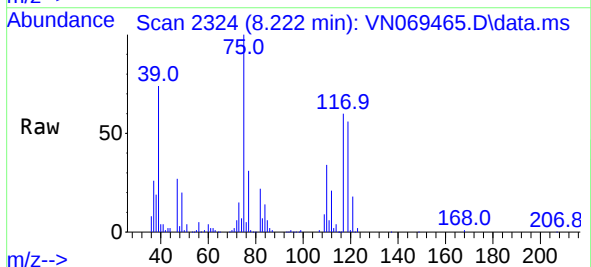
Manual Integrations
APPROVED

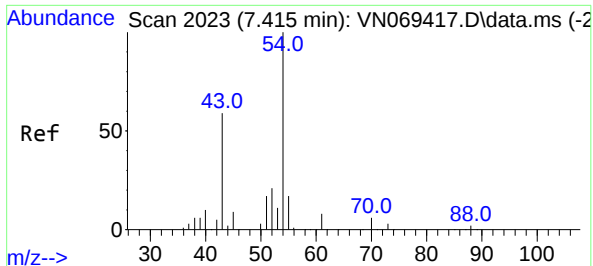
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 19.455 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Tgt Ion: 75 Resp: 283939
Ion Ratio Lower Upper
75 100
110 34.2 18.4 55.2
77 31.3 24.4 36.6





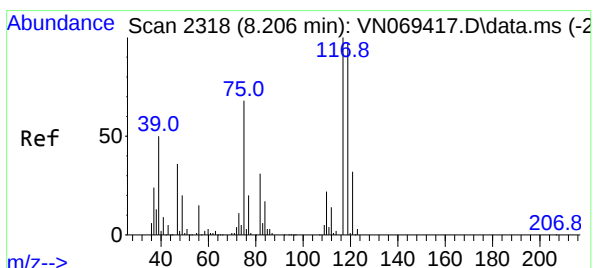
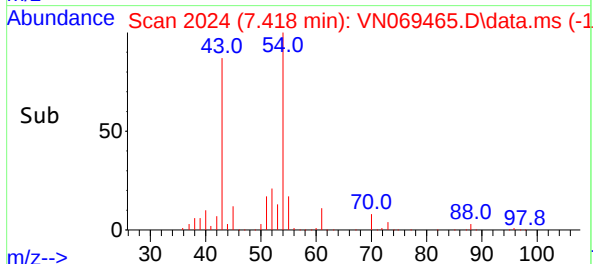
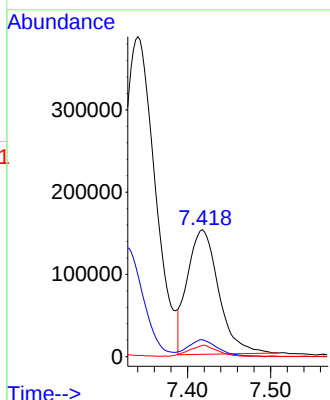
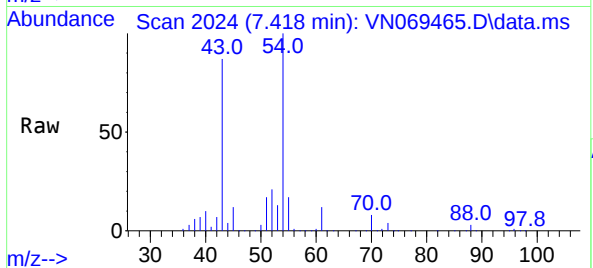
#37
Ethyl Acetate
Concen: 20.055 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion: 43 Resp: 39566
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.0 7.9 11.9

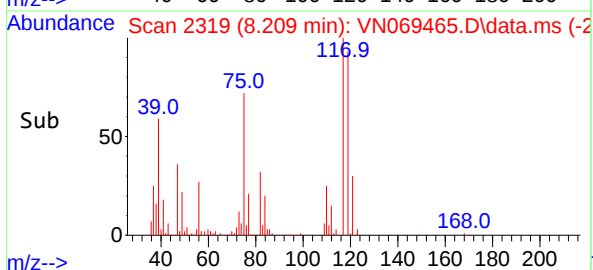
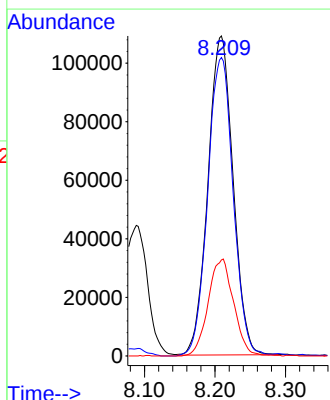
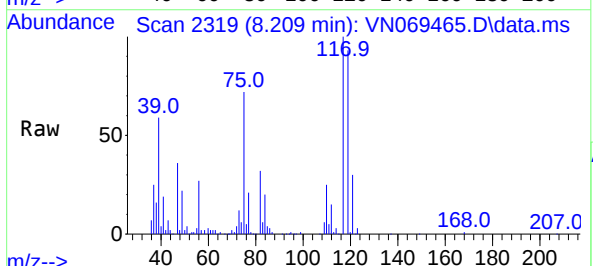
Manual Integrations
APPROVED

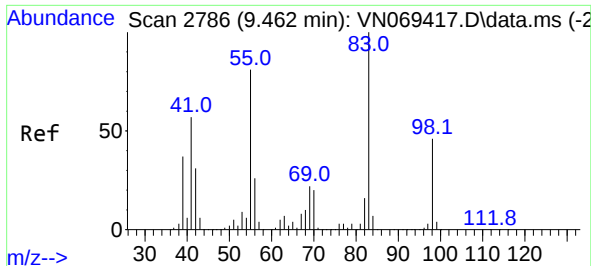
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 19.124 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

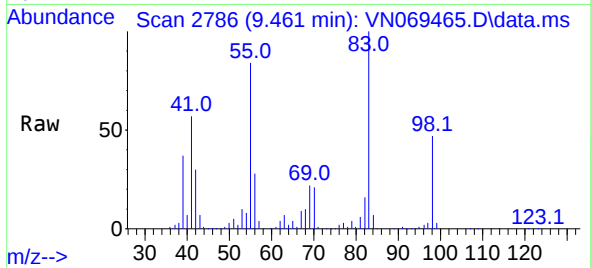
Tgt Ion:117 Resp: 269458
Ion Ratio Lower Upper
117 100
119 93.5 76.1 114.1
121 30.1 24.2 36.2





#39
Methylcyclohexane
Concen: 18.484 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

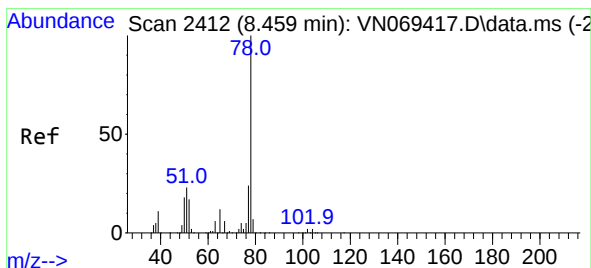
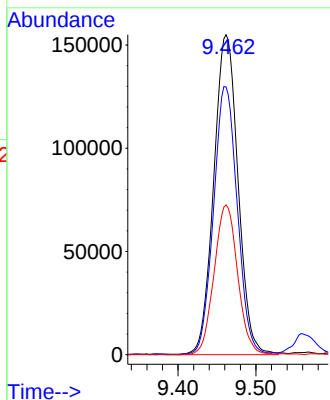
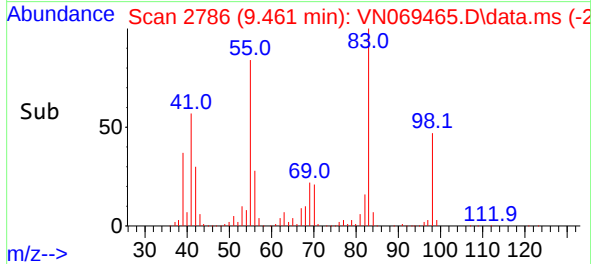
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 83 Resp: 33559
Ion Ratio Lower Upper
83 100
55 83.5 58.1 87.1
98 46.8 38.4 57.6

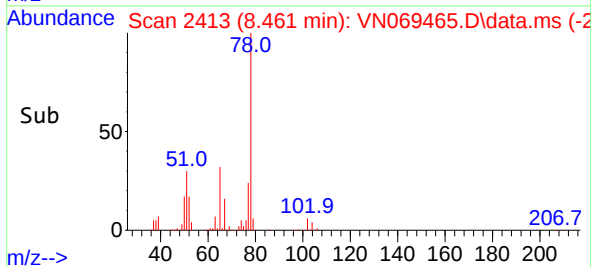
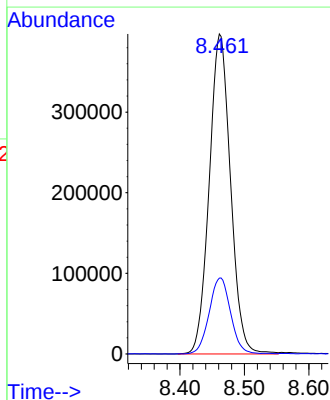
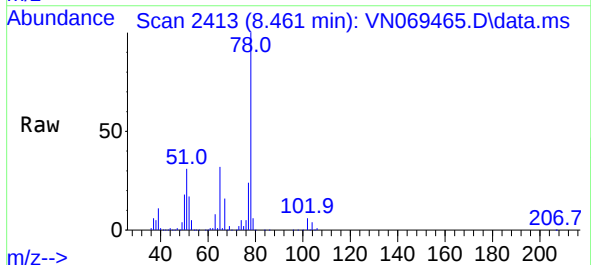
Manual Integrations
APPROVED

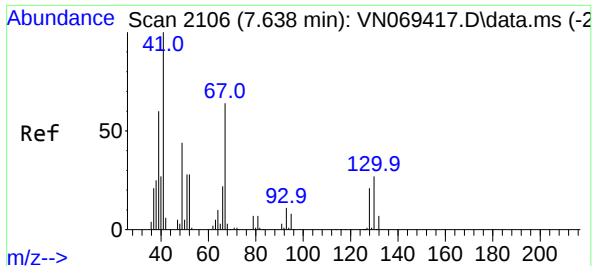
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40
Benzene
Concen: 20.187 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

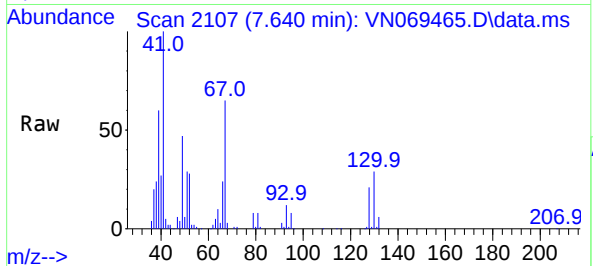
Tgt Ion: 78 Resp: 909405
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 19.714 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

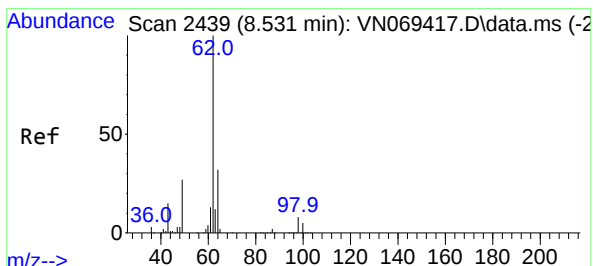
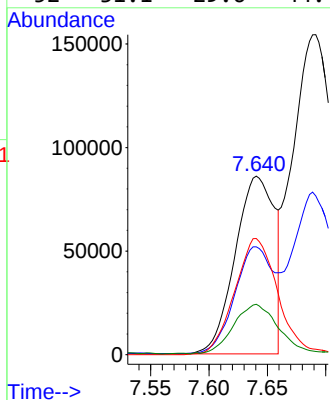
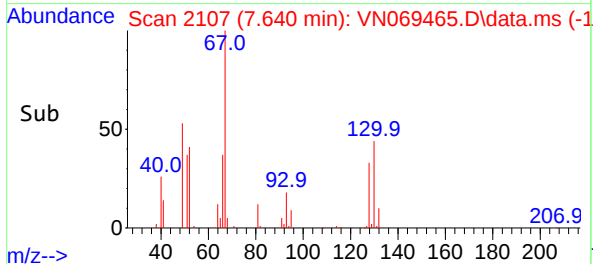
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 41 Resp: 200960
Ion Ratio Lower Upper
41 100
39 59.2 48.1 72.1
67 72.4 68.3 102.5
52 31.1 29.6 44.4

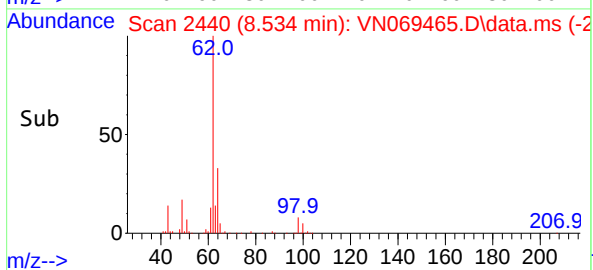
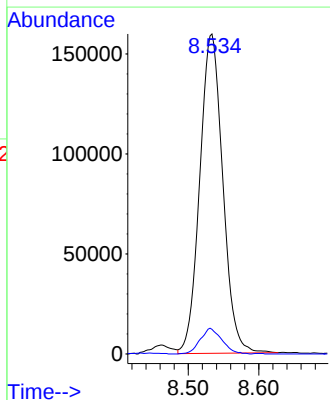
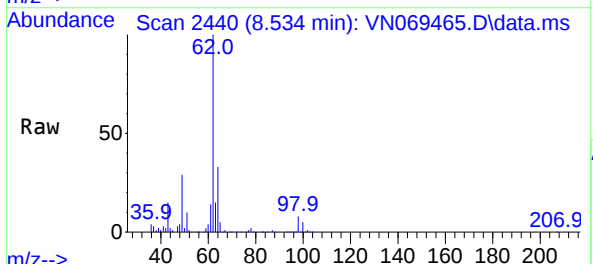
Manual Integrations
APPROVED

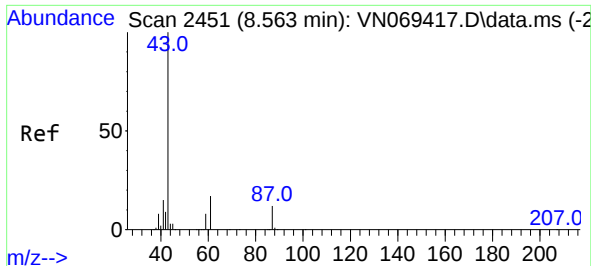
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 20.551 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

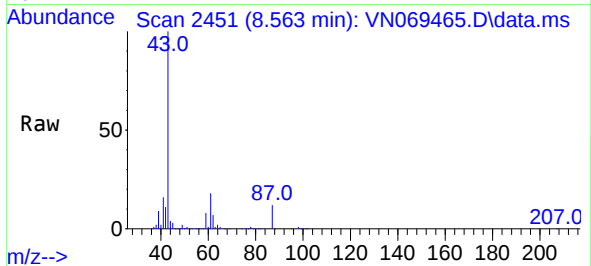
Tgt Ion: 62 Resp: 362500
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.192 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

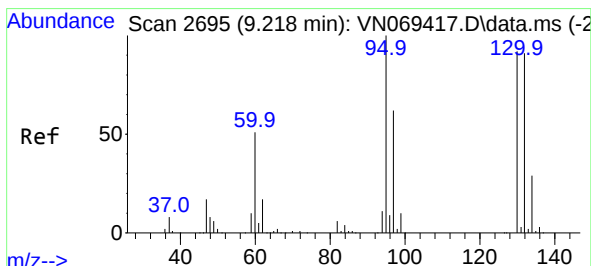
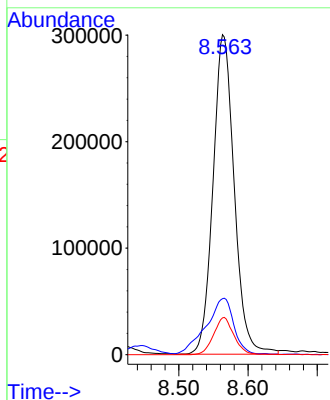
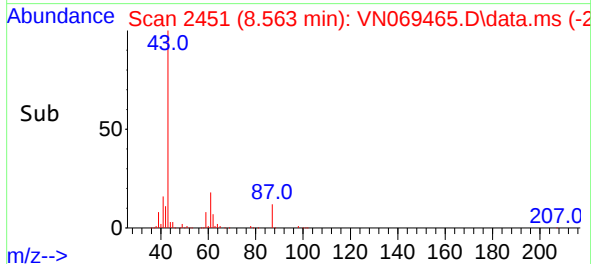
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



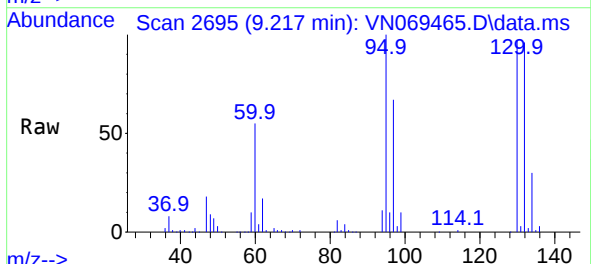
Tgt Ion: 43 Resp: 63984
Ion Ratio Lower Upper
43 100
61 22.5 20.4 30.6
87 11.1 11.2 16.8

Manual Integrations
APPROVED

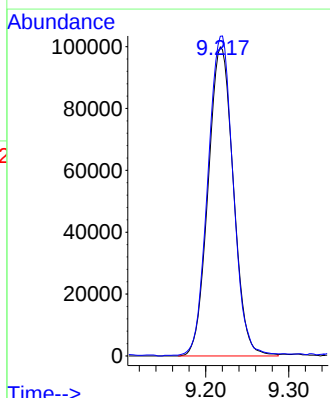
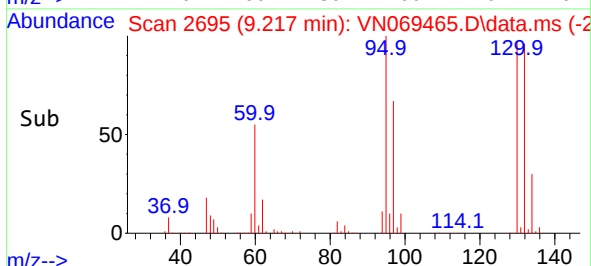
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

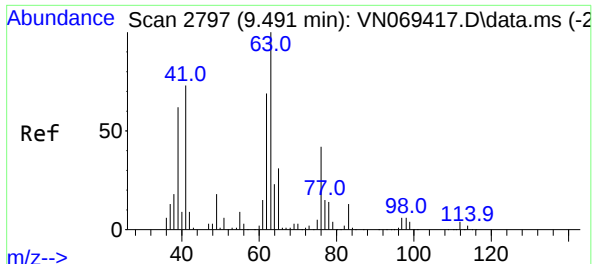


#44
Trichloroethene
Concen: 19.550 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



Tgt Ion:130 Resp: 210780
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.356 ug/l

RT: 9.494 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 63 Resp: 24499

Ion Ratio Lower Upper

63 100

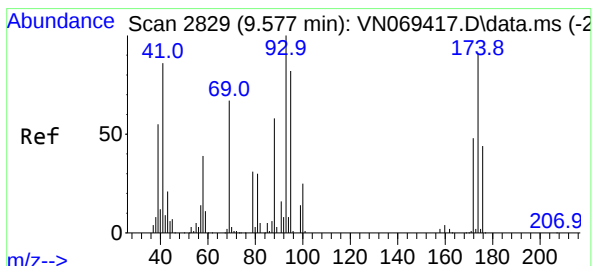
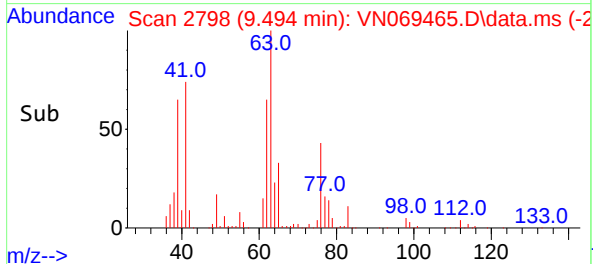
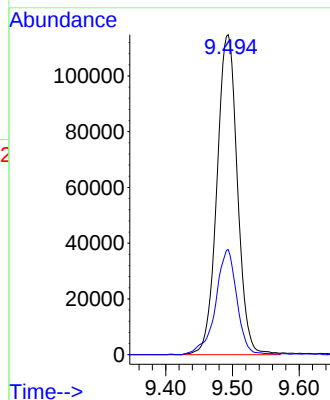
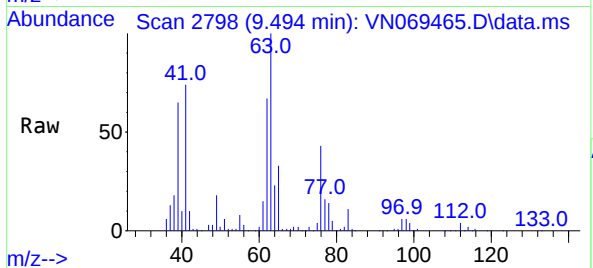
65 32.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 20.002 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

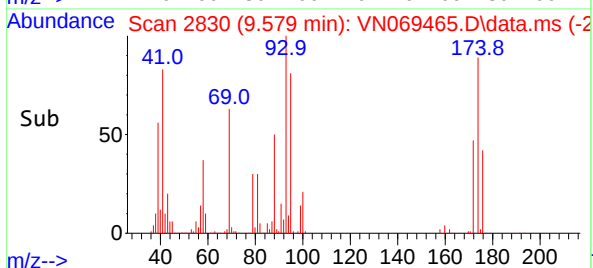
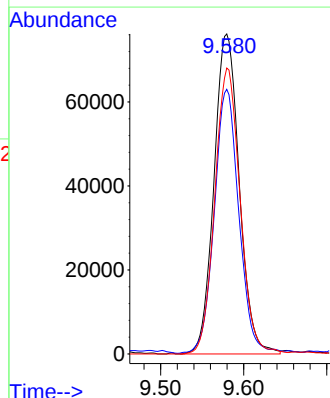
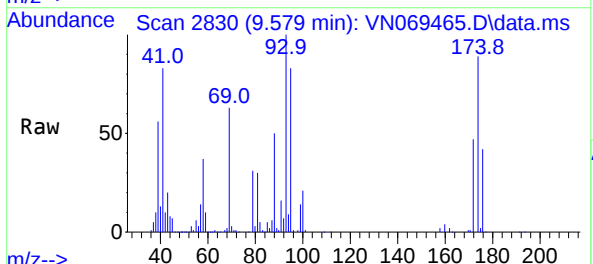
Tgt Ion: 93 Resp: 161250

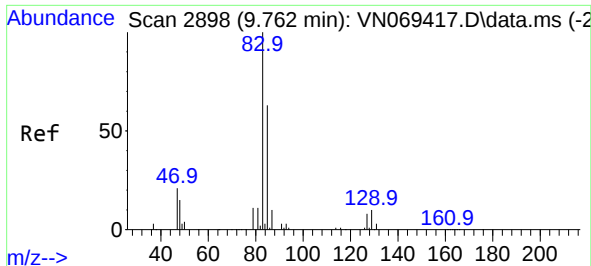
Ion Ratio Lower Upper

93 100

95 80.2 65.9 98.9

174 89.4 84.6 127.0





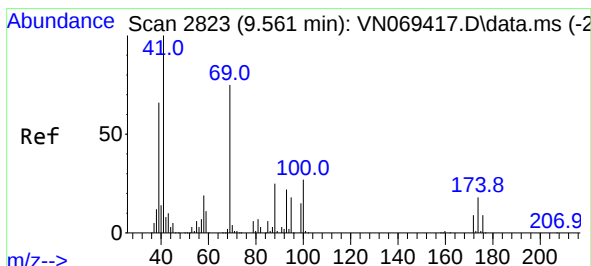
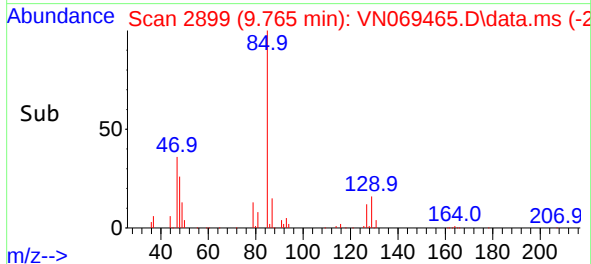
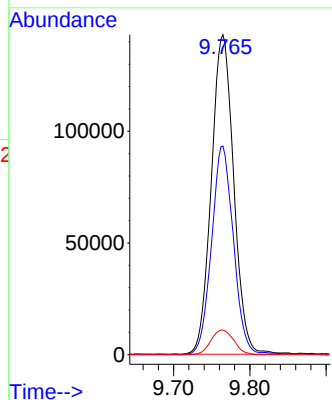
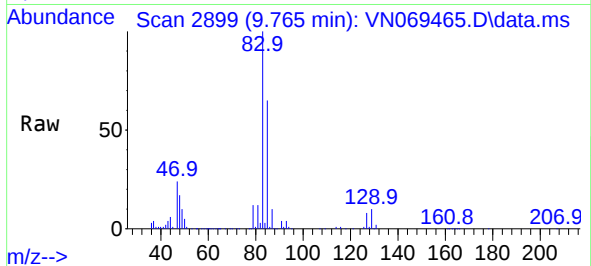
#47
Bromodichloromethane
Concen: 19.368 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion: 83 Resp: 29135
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3
127 7.7 7.1 10.7

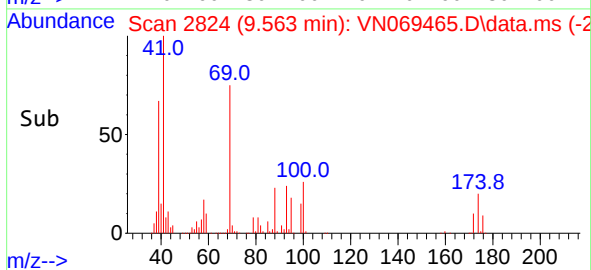
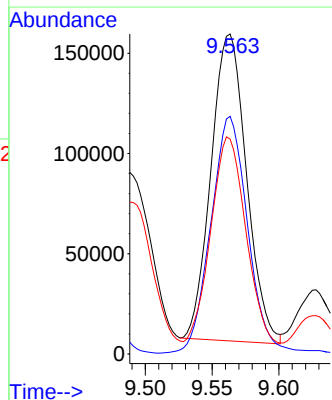
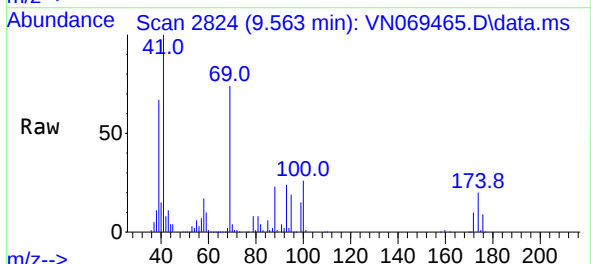
Manual Integrations
APPROVED

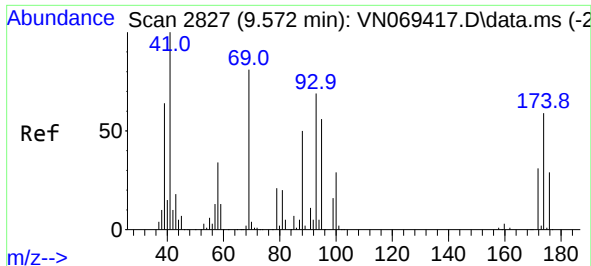
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 18.956 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Tgt Ion: 41 Resp: 282618
Ion Ratio Lower Upper
41 100
69 80.6 72.4 108.6
39 72.7 58.4 87.6





#49

1,4-Dioxane

Concen: 359.279 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. -0.001 min

Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 88 Resp: 9845

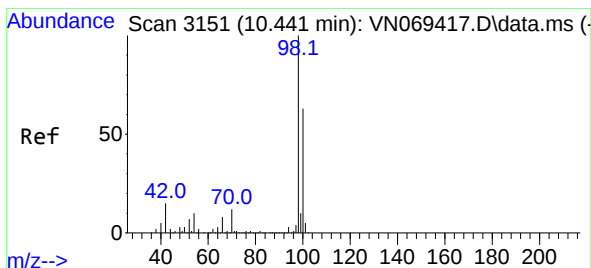
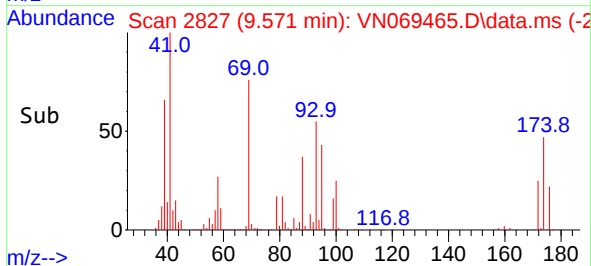
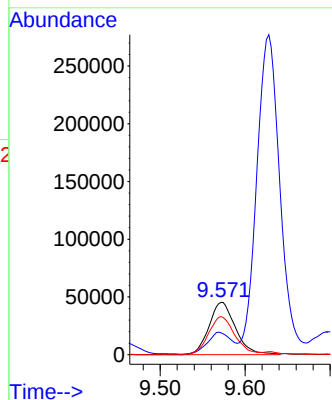
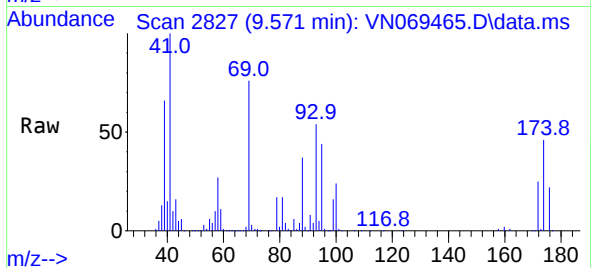
Ion	Ratio	Lower	Upper
88	100		
43	37.4	23.4	35.2
58	72.0	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 53.482 ug/l

RT: 10.443 min Scan# 3152

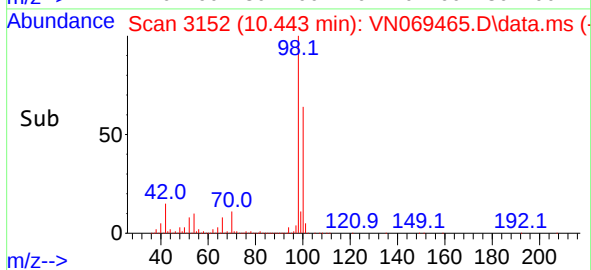
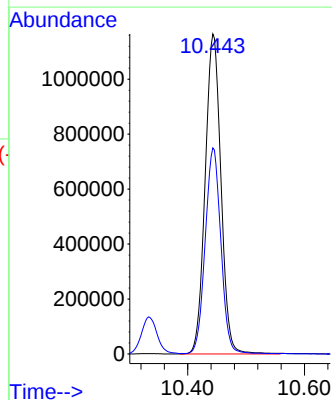
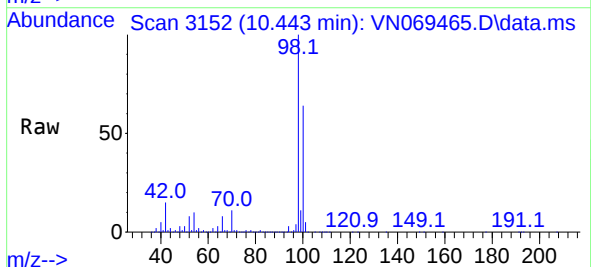
Delta R.T. 0.002 min

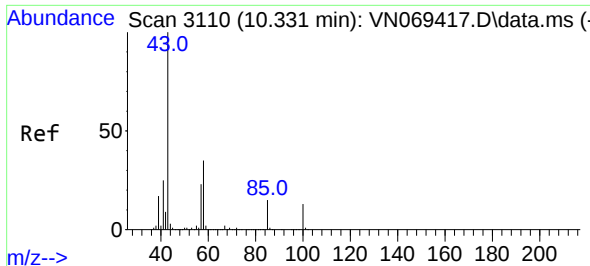
Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

Tgt Ion: 98 Resp: 2188150

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.4	75.6





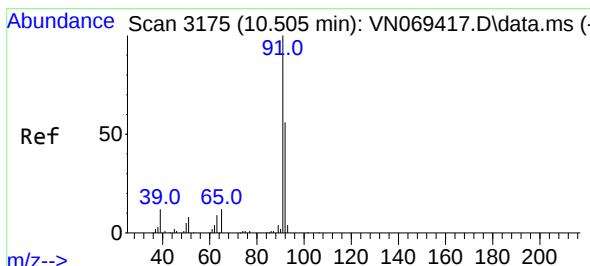
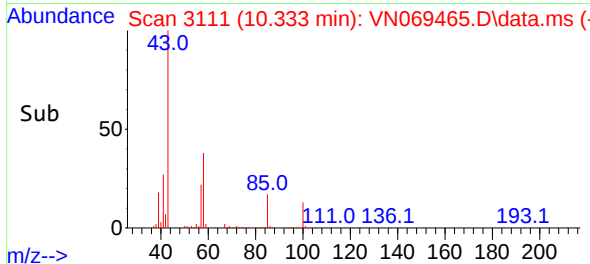
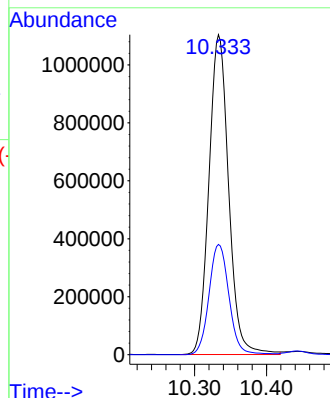
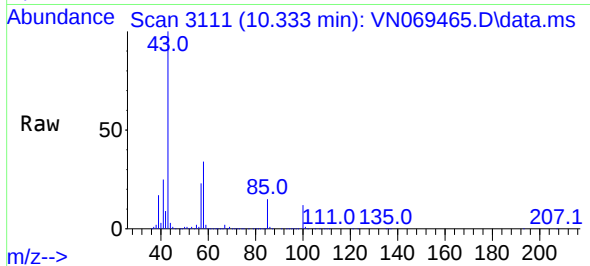
#51
4-Methyl-2-Pentanone
Concen: 102.757 ug/l
RT: 10.333 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion: 43 Resp: 2101792
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

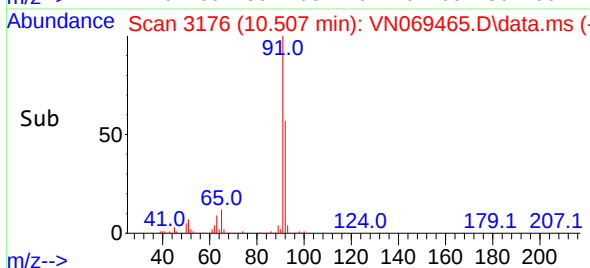
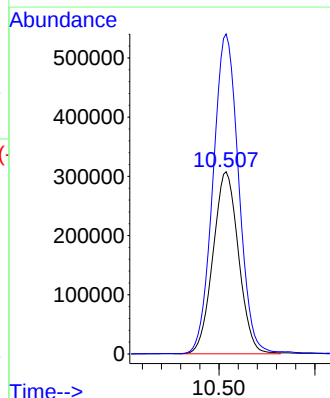
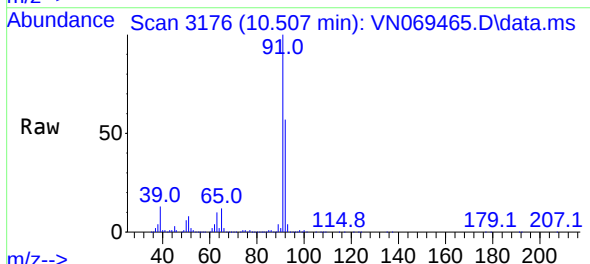
Manual Integrations
APPROVED

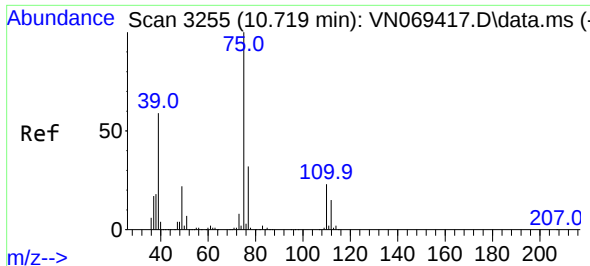
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 20.248 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

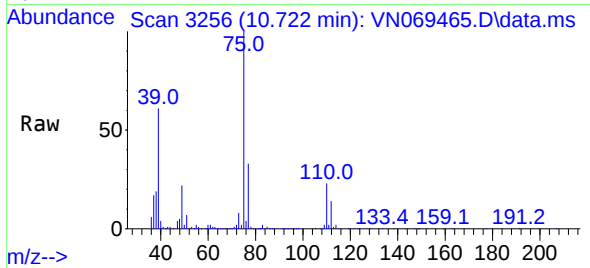
Tgt Ion: 92 Resp: 568239
Ion Ratio Lower Upper
92 100
91 177.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.431 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

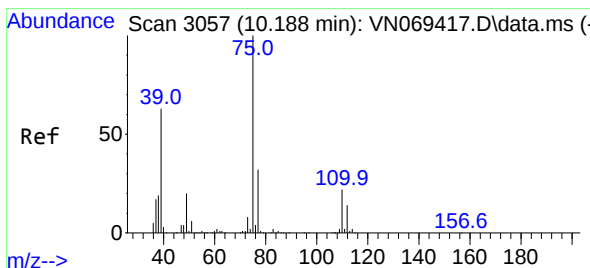
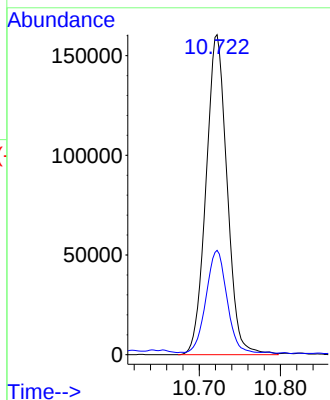
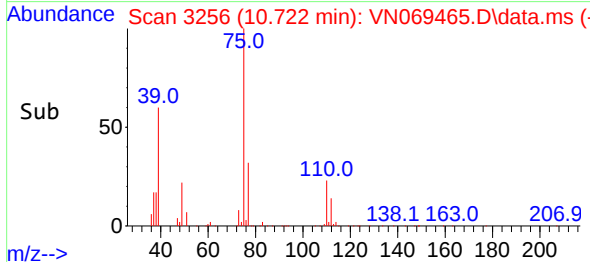
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



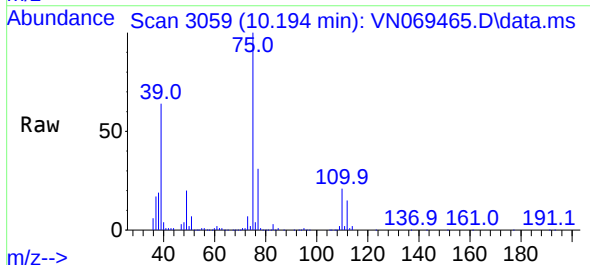
Tgt Ion: 75 Resp: 28886
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

Manual Integrations
APPROVED

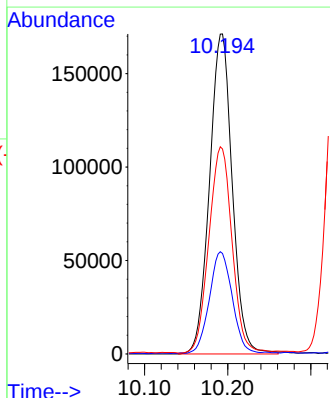
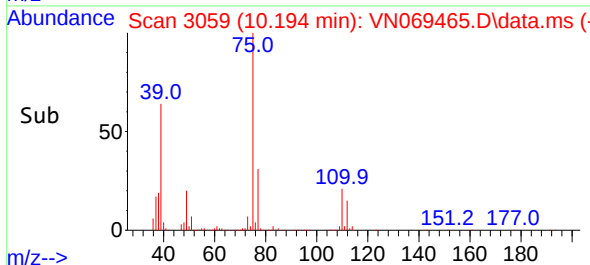
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

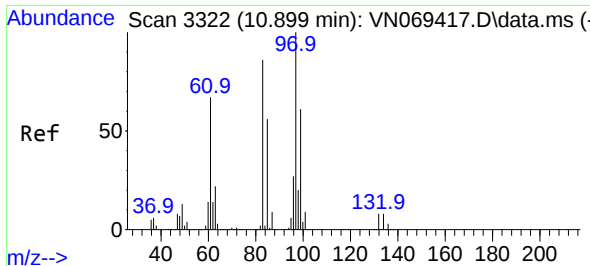


#54
cis-1,3-Dichloropropene
Concen: 17.865 ug/l
RT: 10.194 min Scan# 3059
Delta R.T. 0.006 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



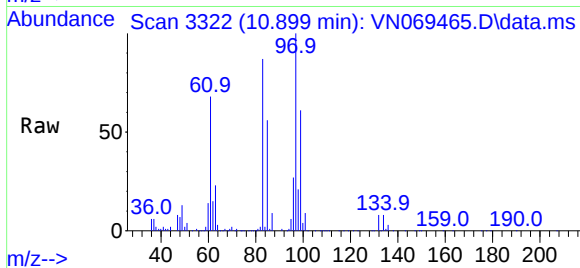
Tgt Ion: 75 Resp: 325719
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 63.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.744 ug/l
RT: 10.899 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

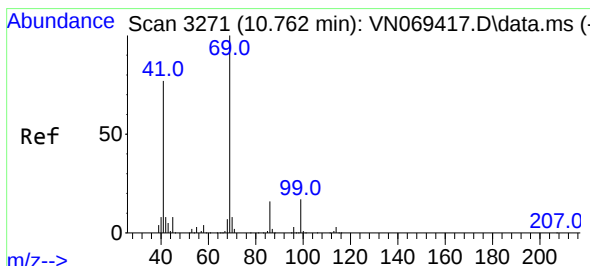
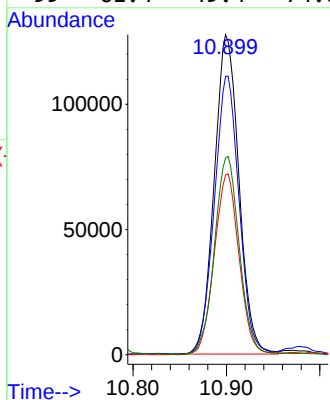
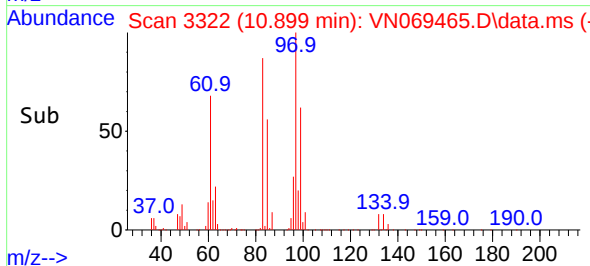


Tgt Ion: 97 Resp: 234675

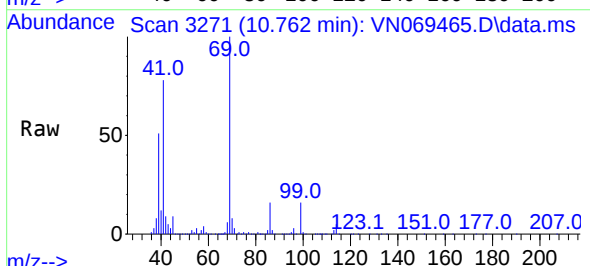
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.8	101.6
85	56.3	45.4	68.2
99	61.4	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

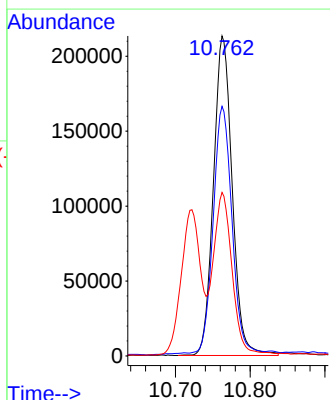
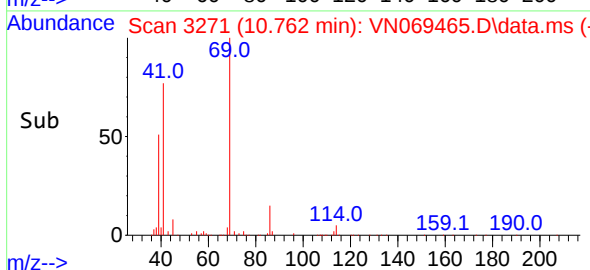


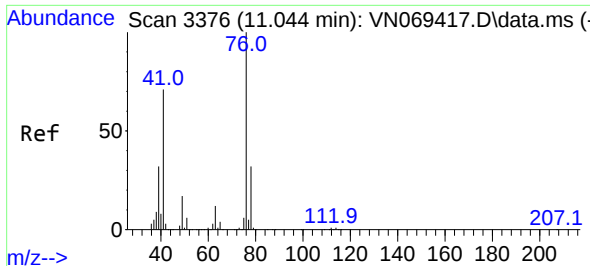
#56
Ethyl methacrylate
Concen: 18.756 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



Tgt Ion: 69 Resp: 371342

Ion	Ratio	Lower	Upper
69	100		
41	76.6	51.4	77.0
39	48.5	34.6	52.0





#57

1,3-Dichloropropane

Concen: 20.191 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VN069465.D

Acq: 12 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 76 Resp: 40138

Ion Ratio Lower Upper

76 100

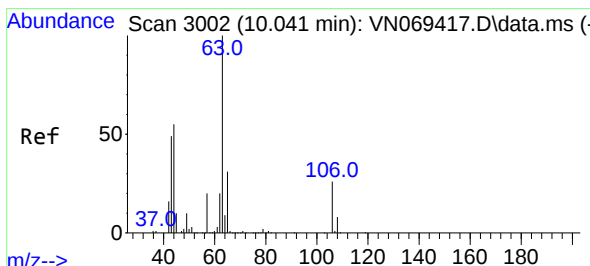
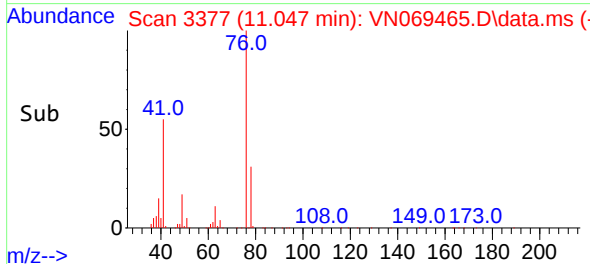
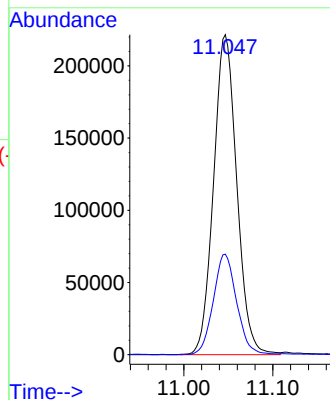
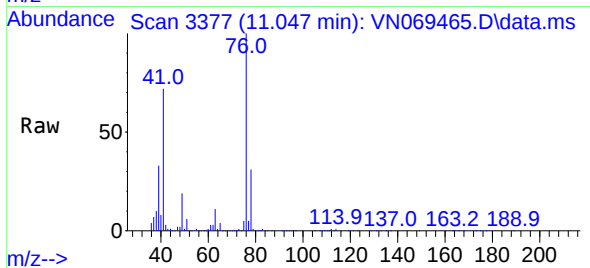
78 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 95.779 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069465.D

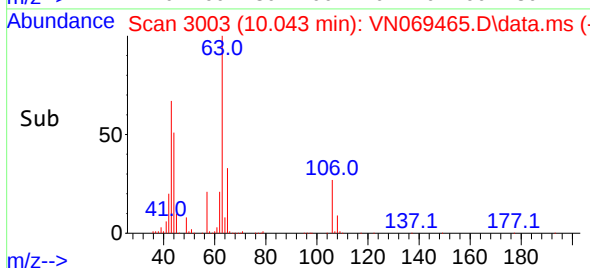
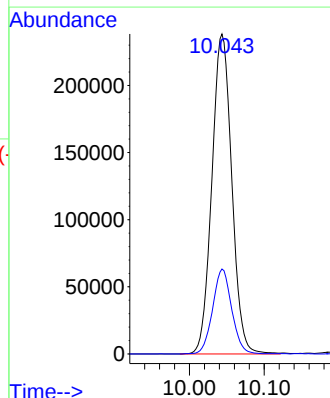
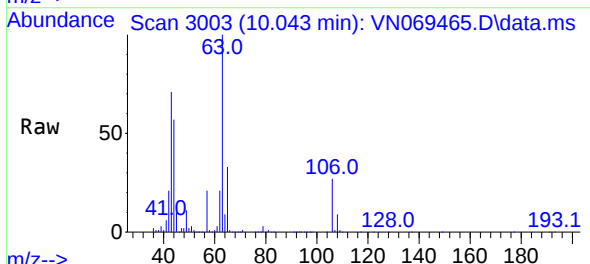
Acq: 12 Nov 2021 13:48

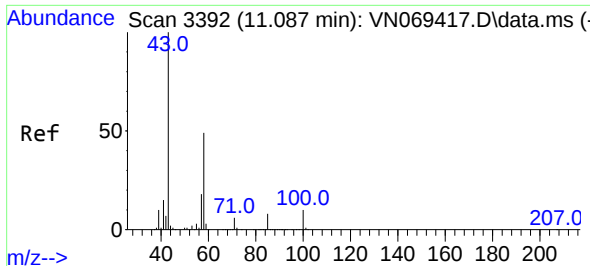
Tgt Ion: 63 Resp: 440330

Ion Ratio Lower Upper

63 100

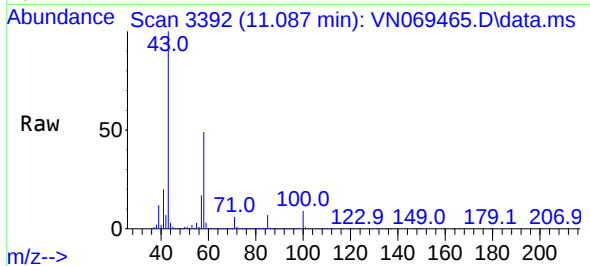
106 25.4 23.9 35.9





#59
2-Hexanone
Concen: 92.438 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

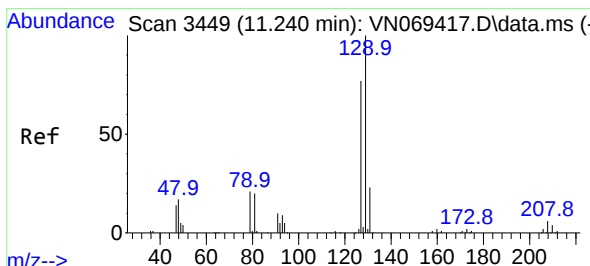
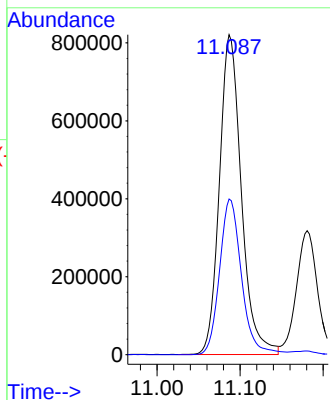
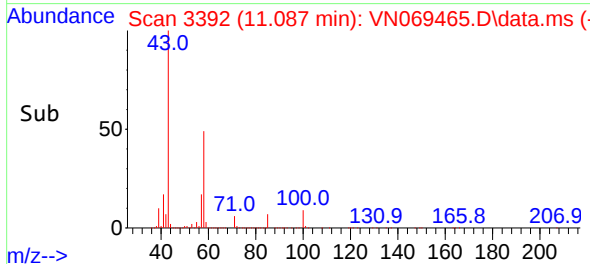
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 43 Resp: 1507149
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7

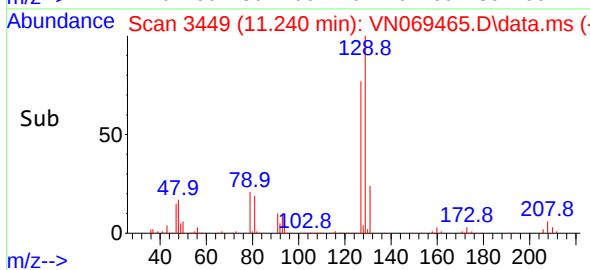
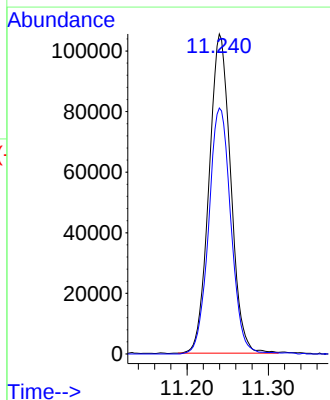
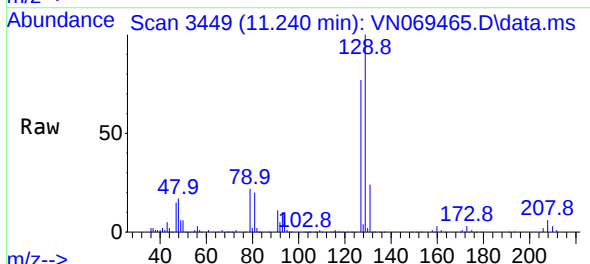
Manual Integrations
APPROVED

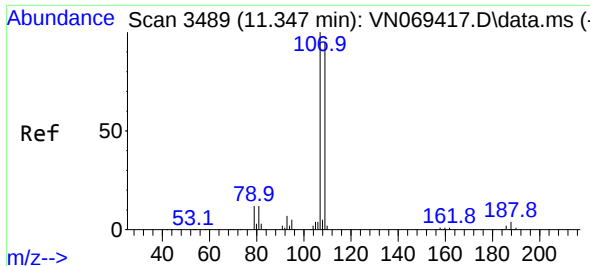
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 17.386 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

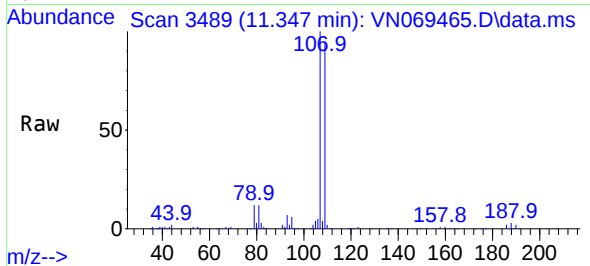
Tgt Ion:129 Resp: 195302
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.918 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

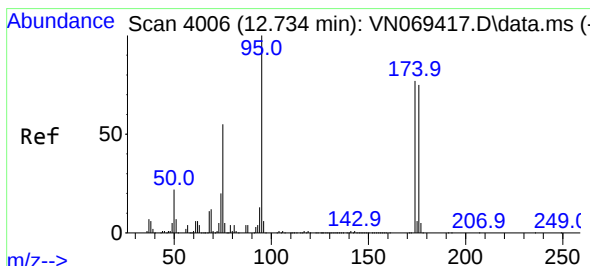
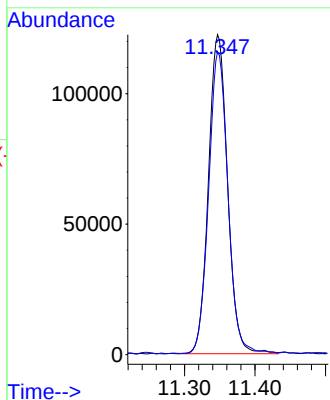
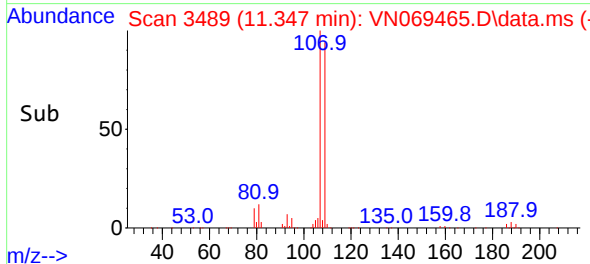
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



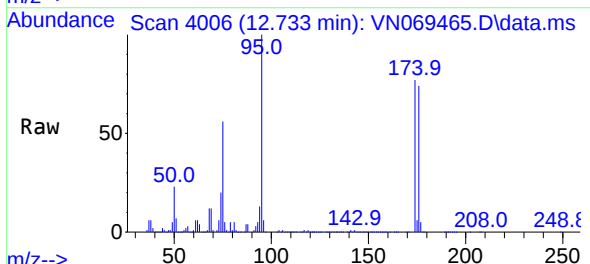
Tgt Ion:107 Resp: 230292
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

Manual Integrations
APPROVED

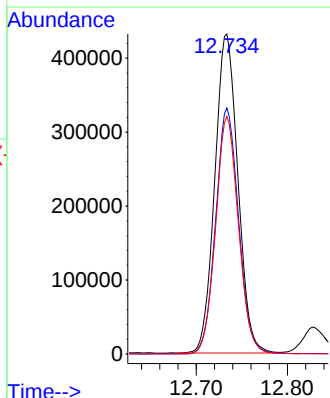
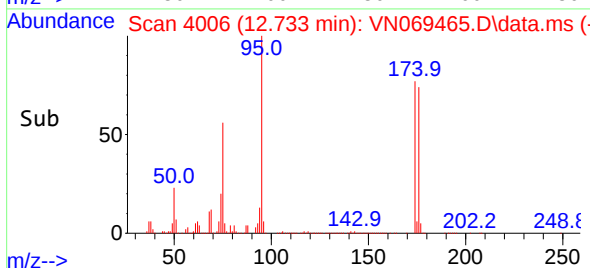
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

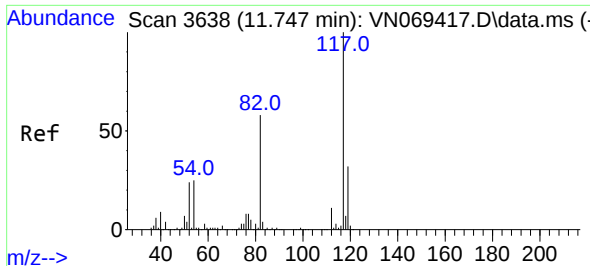


#62
4-Bromofluorobenzene
Concen: 50.454 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



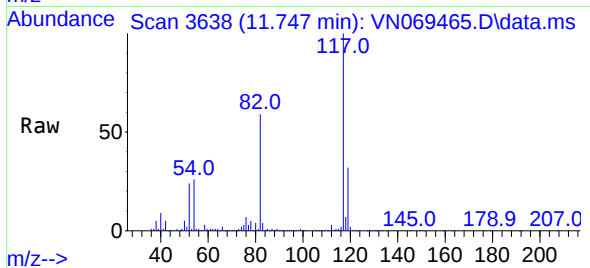
Tgt Ion: 95 Resp: 758331
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

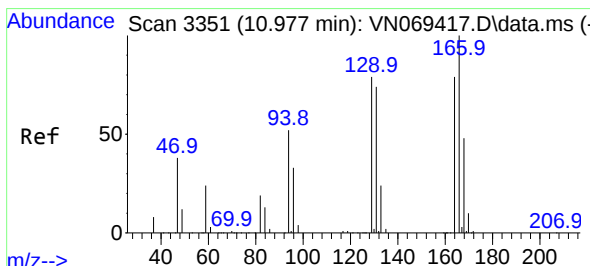
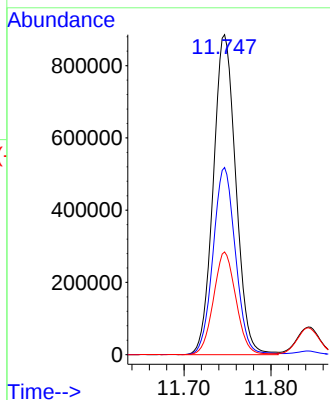
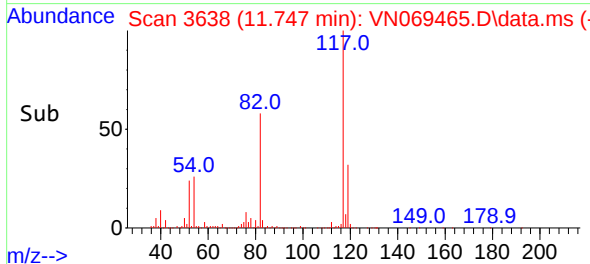
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



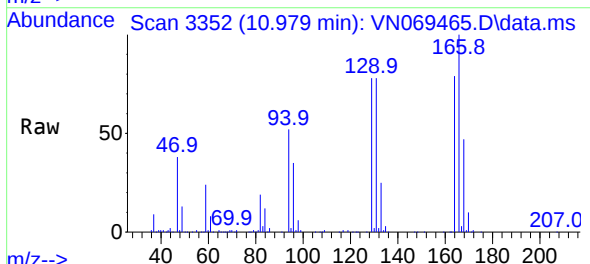
Tgt Ion:117 Resp: 159701
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

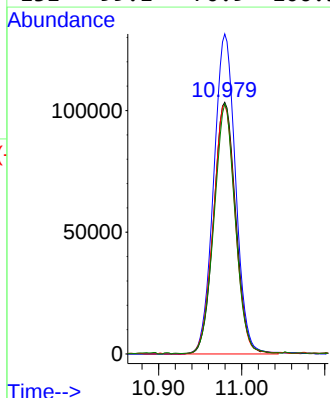
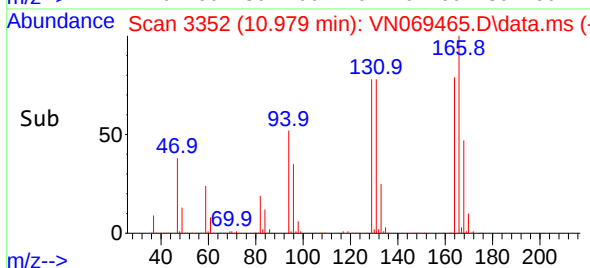
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

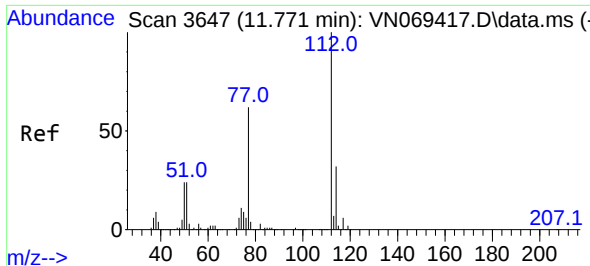


#64
Tetrachloroethene
Concen: 19.824 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



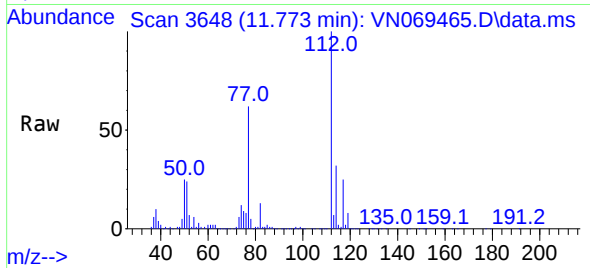
Tgt Ion:164 Resp: 191166
Ion Ratio Lower Upper
164 100
166 127.1 101.9 152.9
129 99.0 72.0 108.0
131 99.1 70.9 106.3





#65
Chlorobenzene
Concen: 20.028 ug/l
RT: 11.773 min Scan# 3647
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

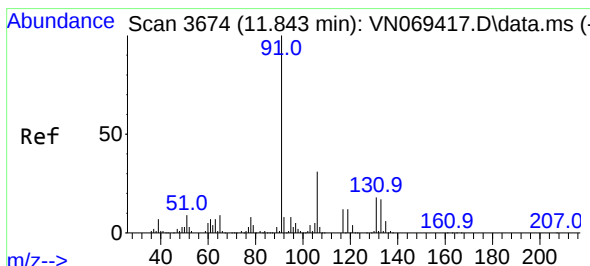
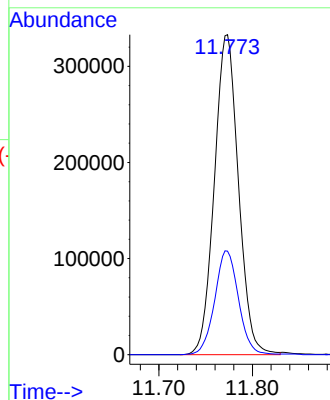
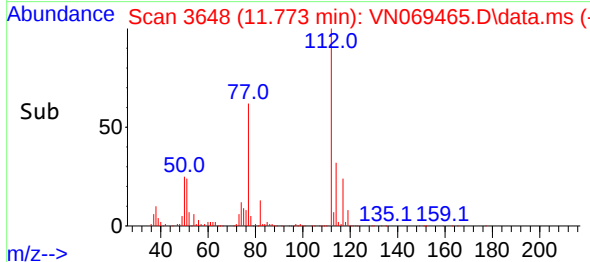
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



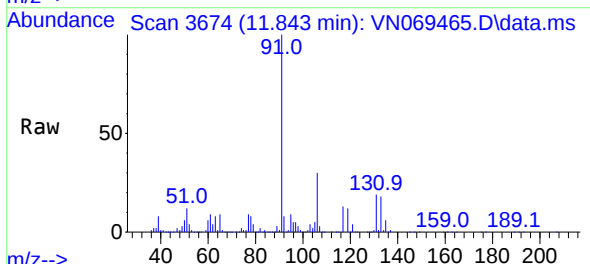
Tgt Ion:112 Resp: 595349
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
APPROVED

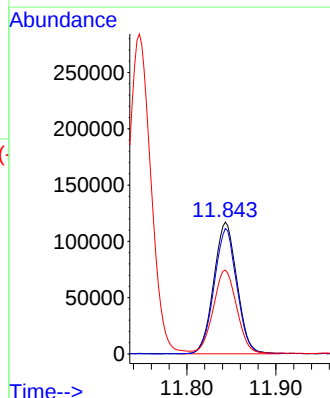
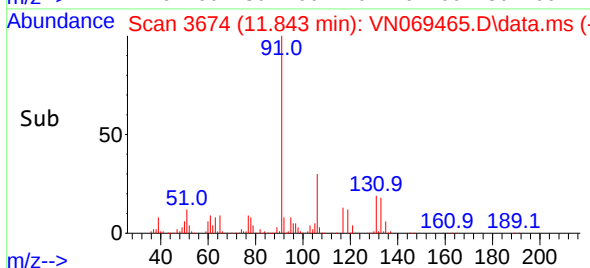
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

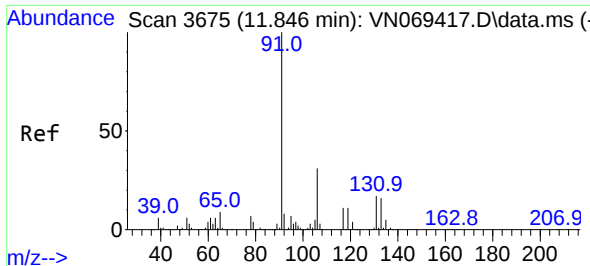


#66
1,1,1,2-Tetrachloroethane
Concen: 20.551 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



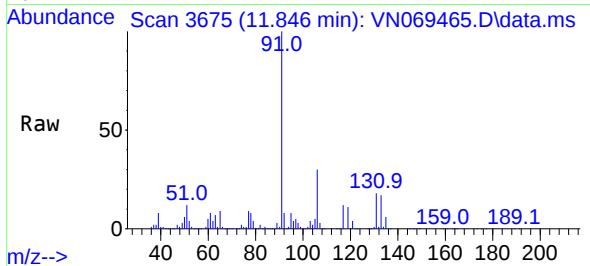
Tgt Ion:131 Resp: 211890
Ion Ratio Lower Upper
131 100
133 92.9 47.9 143.7
119 63.6 32.1 96.5





#67
Ethyl Benzene
Concen: 19.992 ug/l
RT: 11.846 min Scan# 307
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

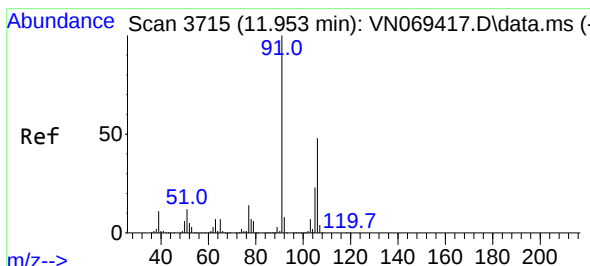
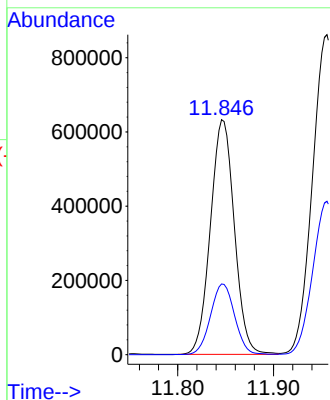
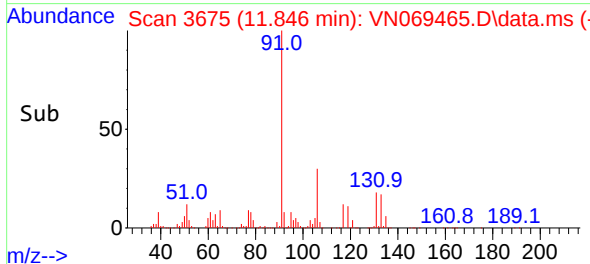
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 91 Resp: 109603
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

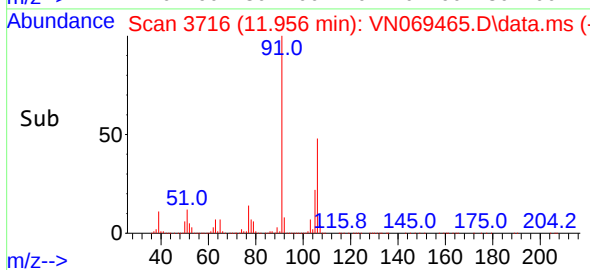
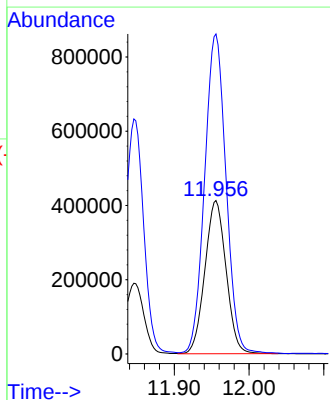
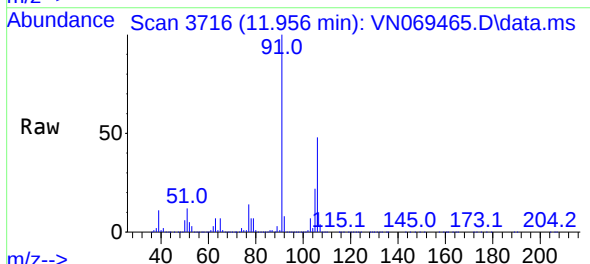
Manual Integrations
APPROVED

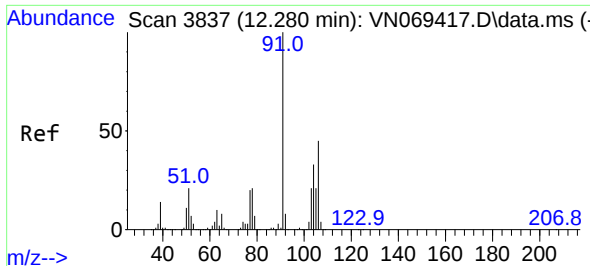
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#68
m/p-Xylenes
Concen: 40.326 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Tgt Ion:106 Resp: 813114
Ion Ratio Lower Upper
106 100
91 210.4 160.6 240.8





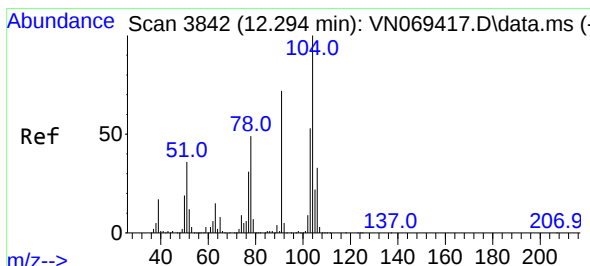
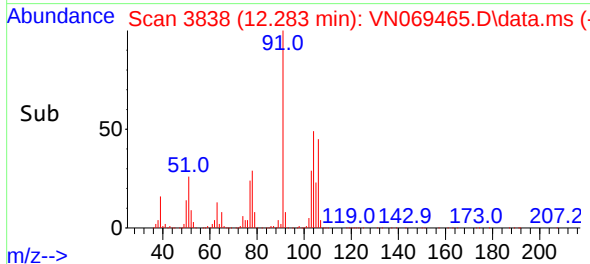
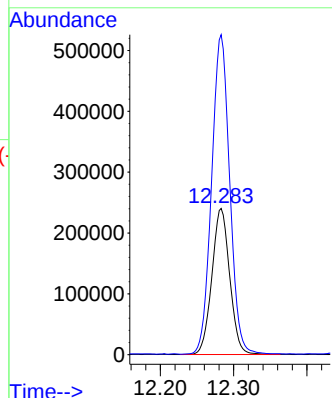
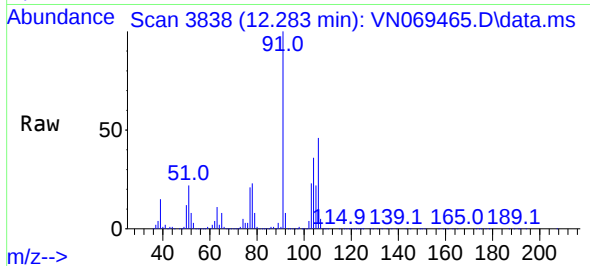
#69
o-Xylene
Concen: 20.232 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:106 Resp: 406700
Ion Ratio Lower Upper
106 100
91 221.3 105.8 317.3

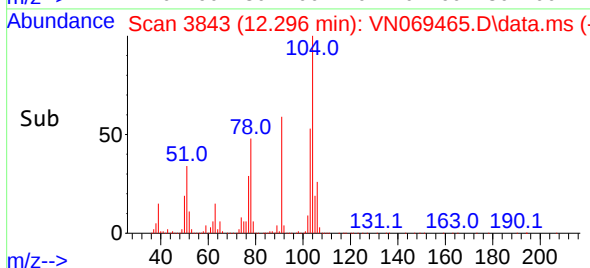
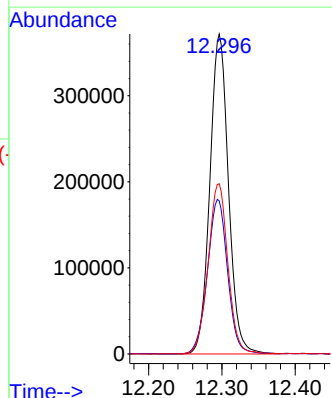
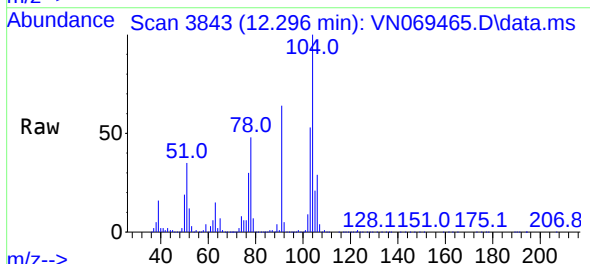
Manual Integrations
APPROVED

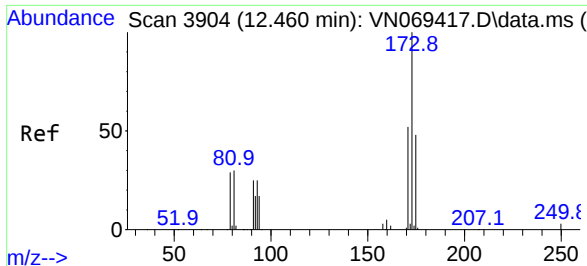
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 19.160 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

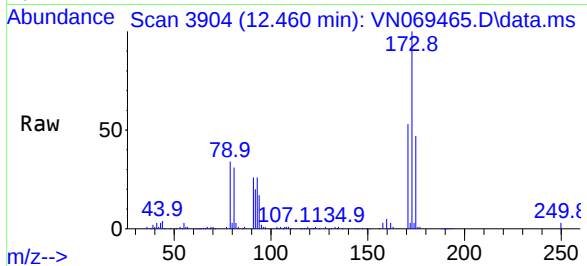
Tgt Ion:104 Resp: 656626
Ion Ratio Lower Upper
104 100
78 52.3 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 17.093 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

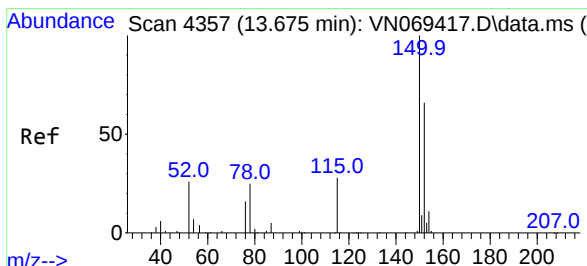
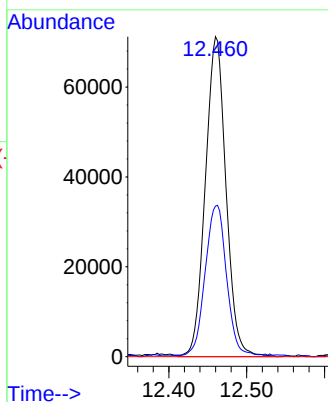
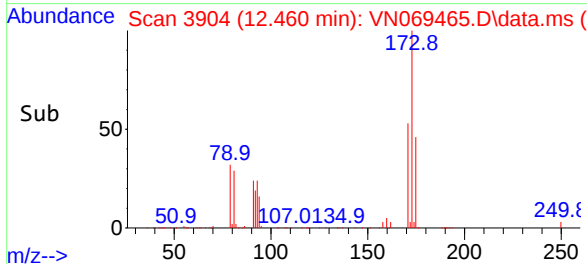
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



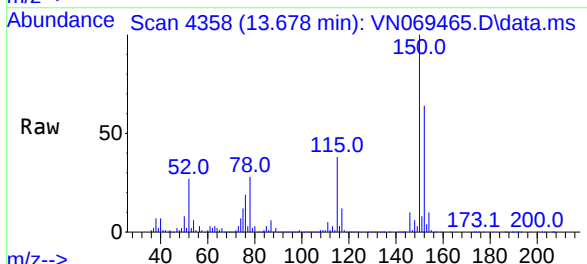
Tgt Ion:173 Resp: 131348
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

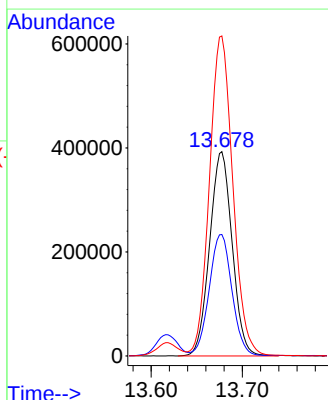
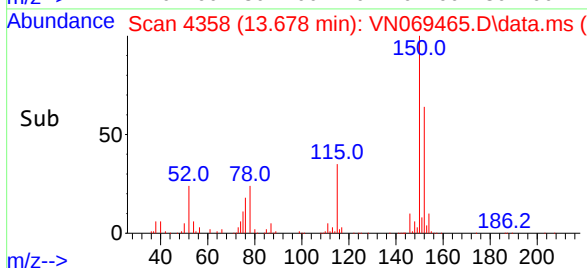
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

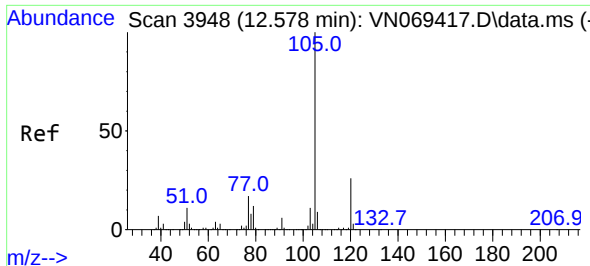


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



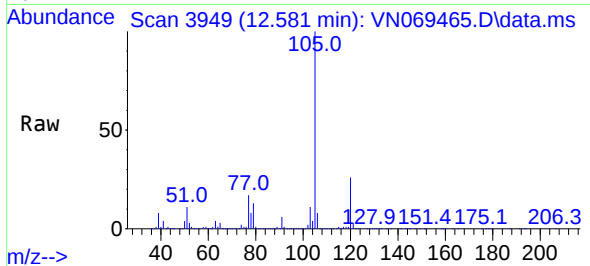
Tgt Ion:152 Resp: 673857
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 162.4 0.0 344.4





#73
Isopropylbenzene
Concen: 19.949 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

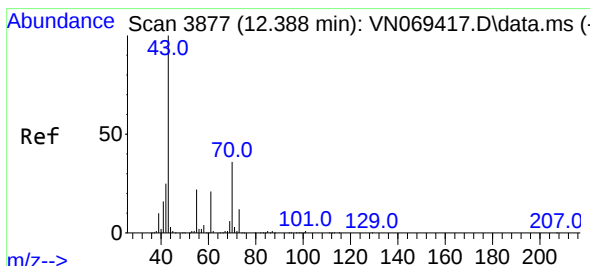
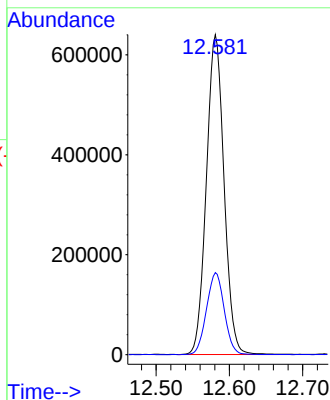
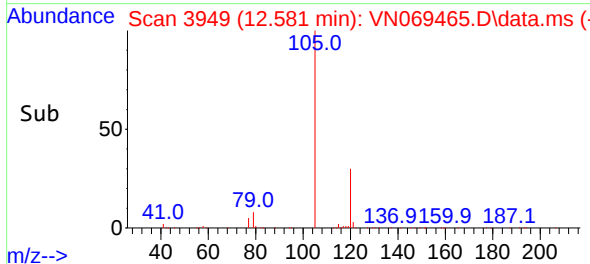
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



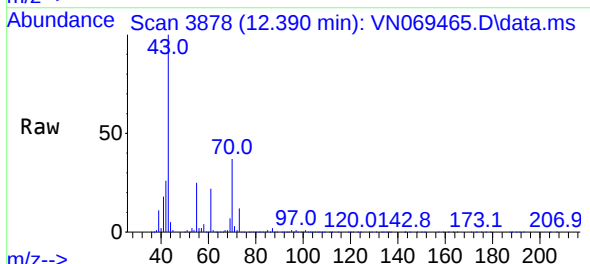
Tgt Ion:105 Resp: 107034
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
APPROVED

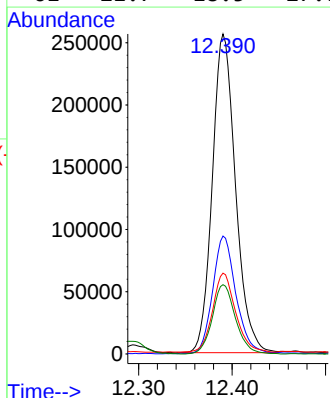
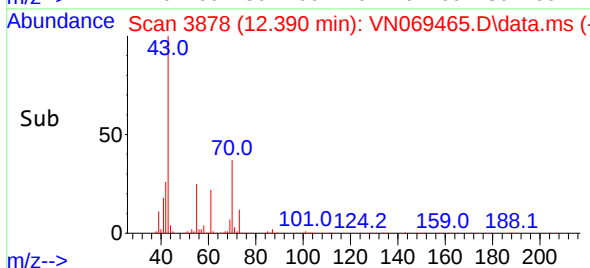
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

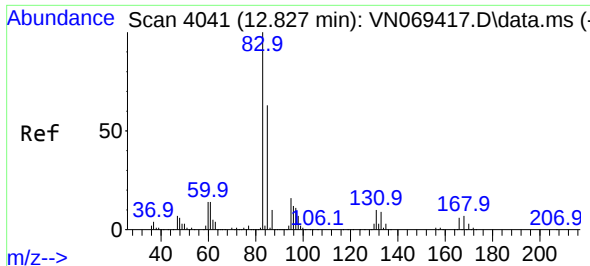


#74
N-ethyl acetate
Concen: 19.468 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



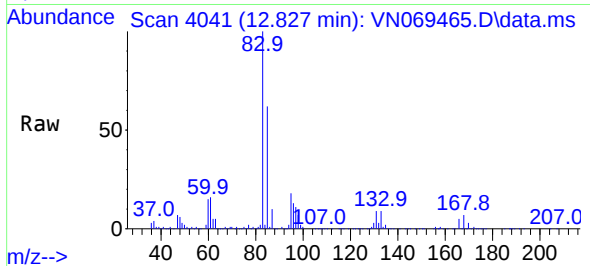
Tgt Ion: 43 Resp: 442670
Ion Ratio Lower Upper
43 100
70 36.7 33.4 50.0
55 24.3 19.3 28.9
61 21.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.242 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

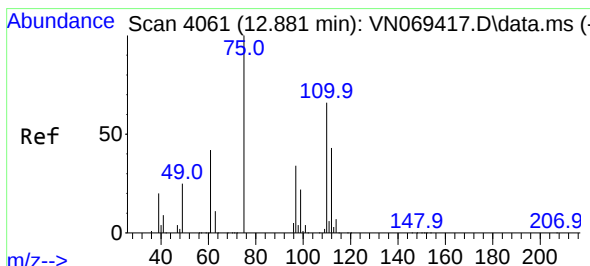
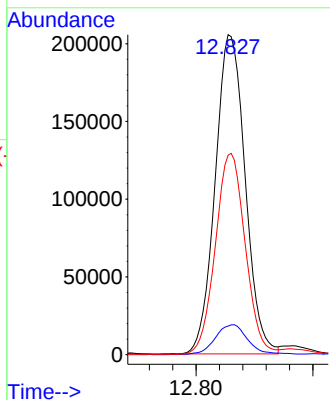
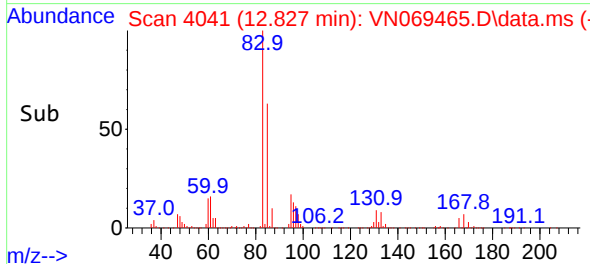
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



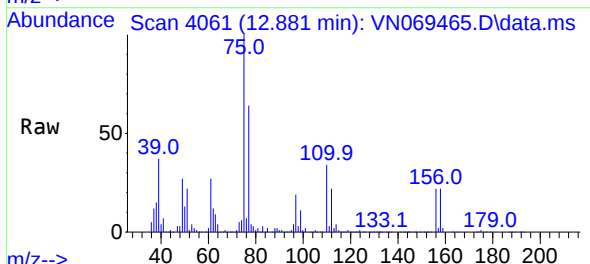
Tgt Ion: 83 Resp: 366285
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.0 32.4 97.2

Manual Integrations
APPROVED

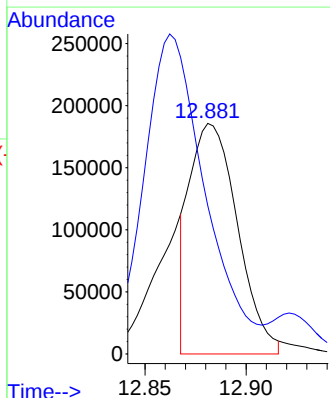
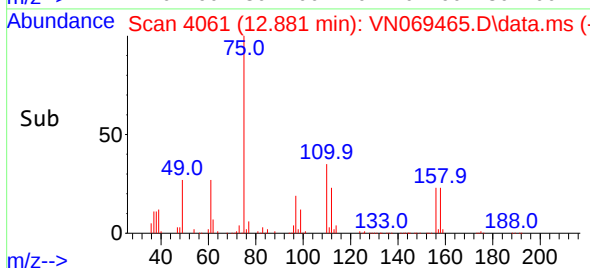
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

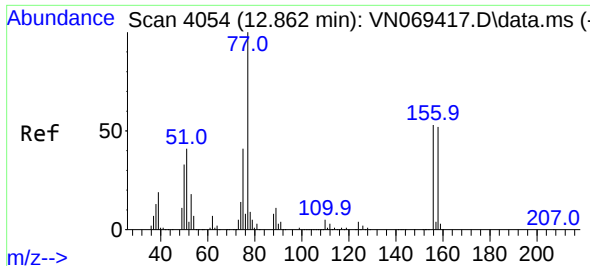


#76
1,2,3-Trichloropropane
Concen: 19.607 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



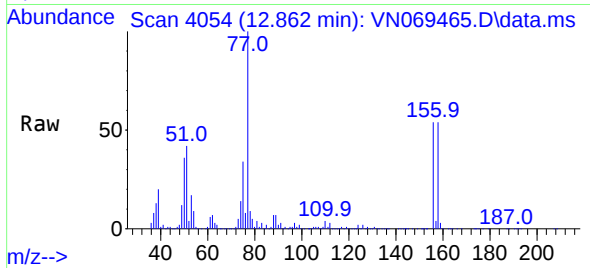
Tgt Ion: 75 Resp: 304908
Ion Ratio Lower Upper
75 100
77 177.7 82.6 247.8





#77
Bromobenzene
Concen: 20.010 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

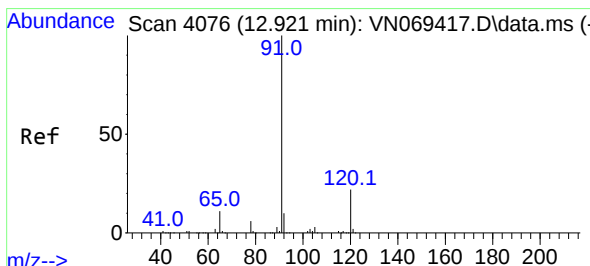
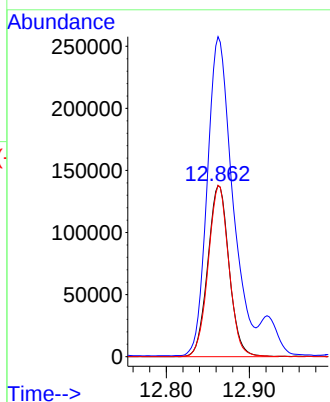
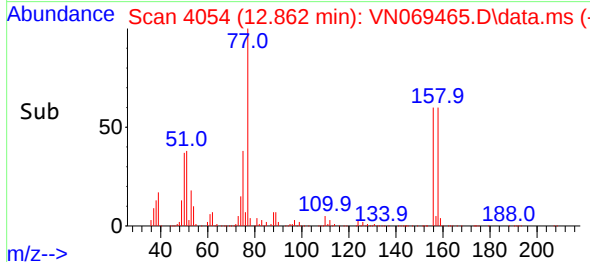
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



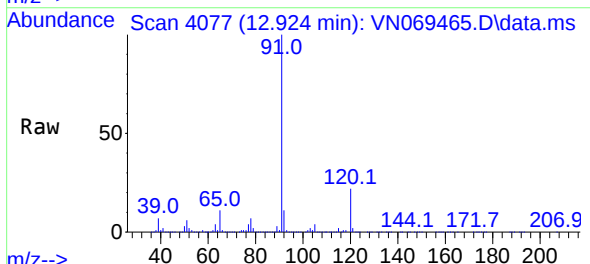
Tgt Ion:156 Resp: 245540
Ion Ratio Lower Upper
156 100
77 220.7 90.6 271.8
158 97.3 48.9 146.7

Manual Integrations
APPROVED

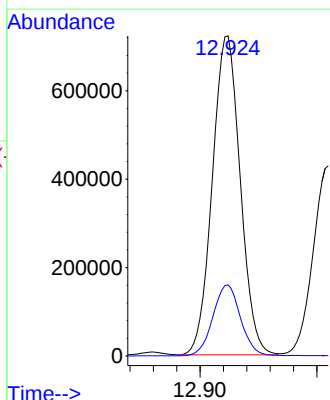
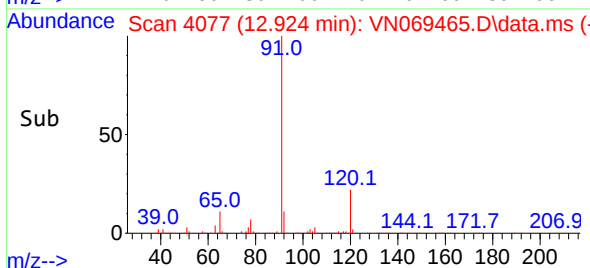
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

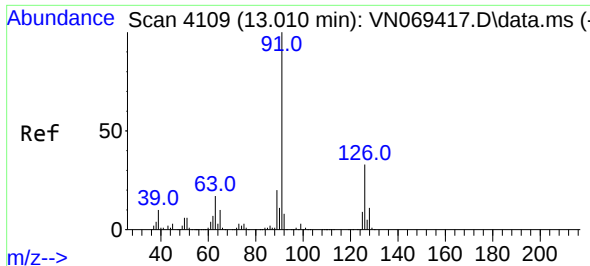


#78
n-propylbenzene
Concen: 19.828 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



Tgt Ion: 91 Resp: 1197051
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





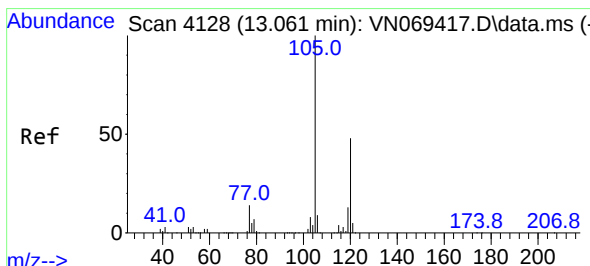
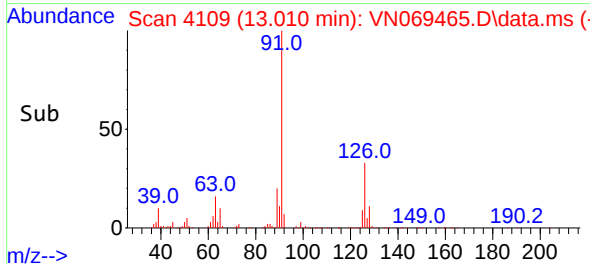
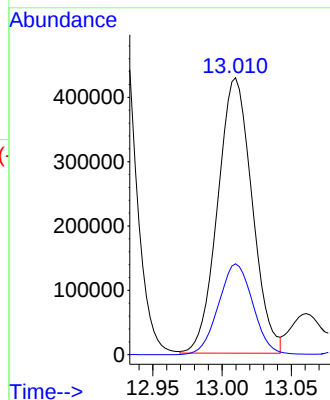
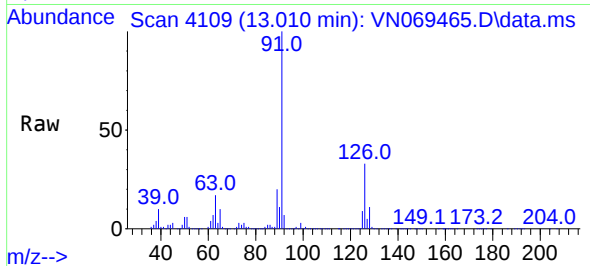
#79
2-Chlorotoluene
Concen: 19.822 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion: 91 Resp: 740939
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

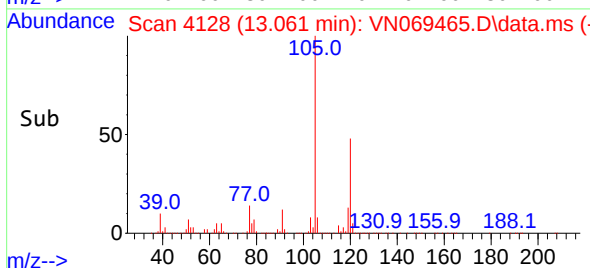
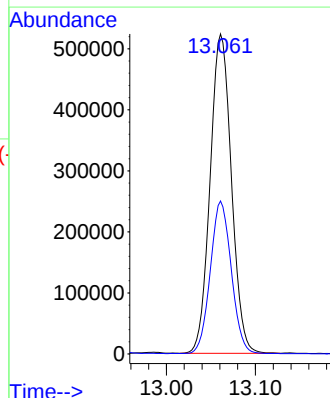
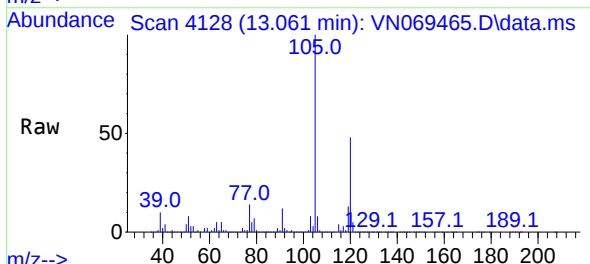
Manual Integrations
APPROVED

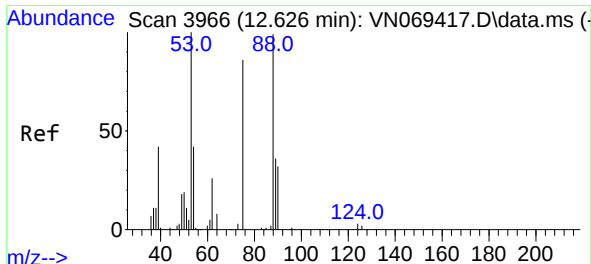
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.031 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Tgt Ion:105 Resp: 868849
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





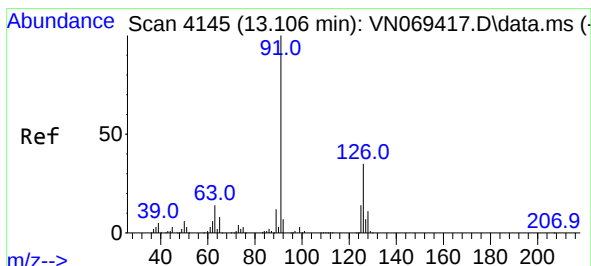
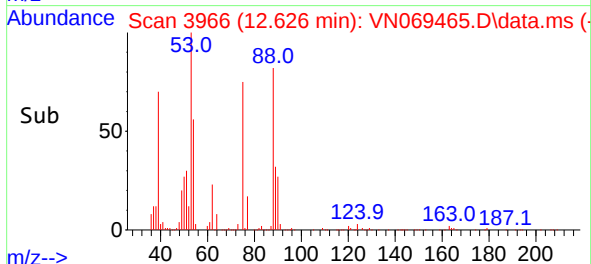
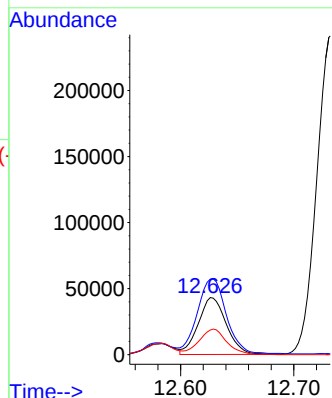
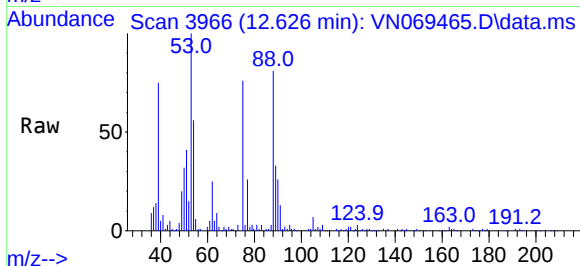
#81
trans-1,4-Dichloro-2-butene
Concen: 18.316 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion: 75 Resp: 74024
Ion Ratio Lower Upper
75 100
53 135.4 90.5 135.7
89 44.2 38.2 57.4

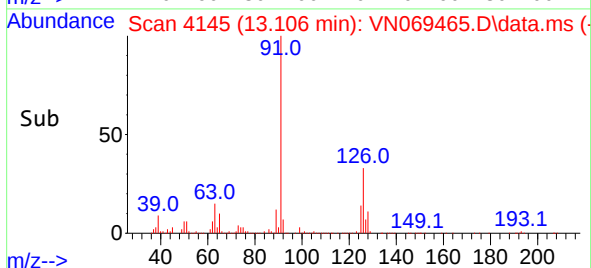
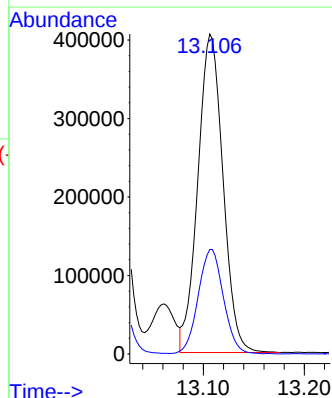
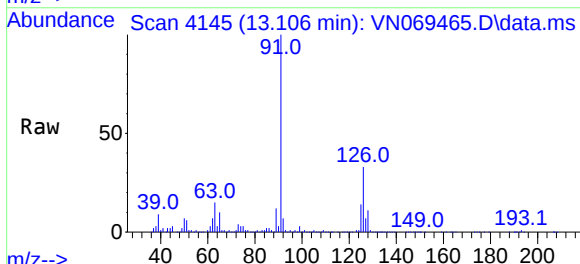
Manual Integrations
APPROVED

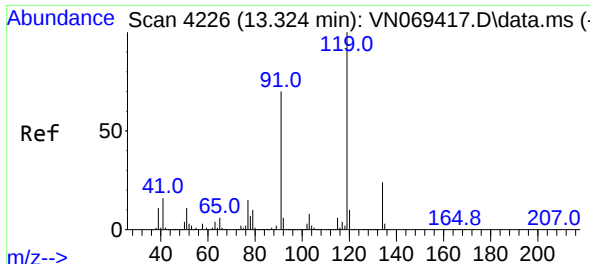
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 19.700 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

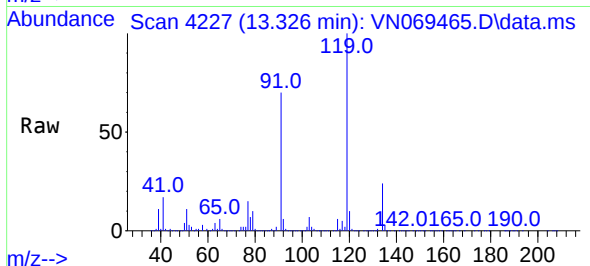
Tgt Ion: 91 Resp: 701969
Ion Ratio Lower Upper
91 100
126 32.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.400 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

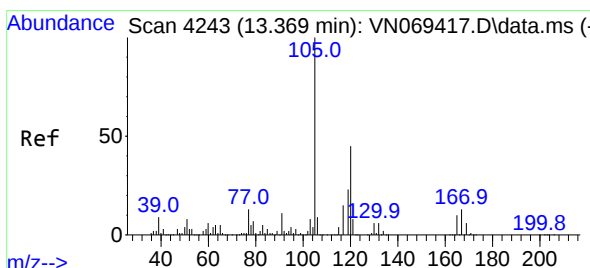
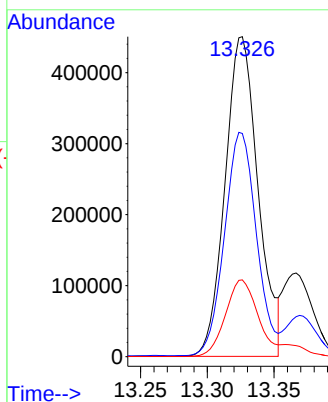
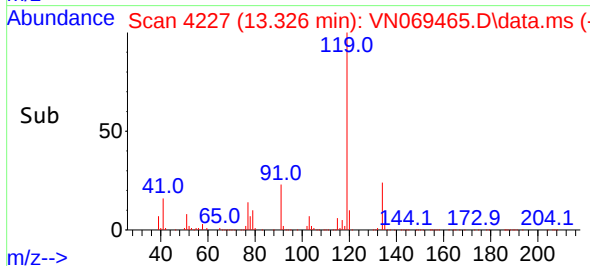
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



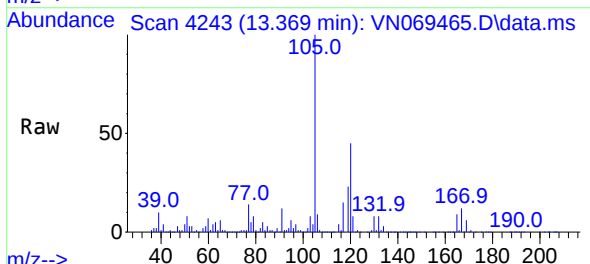
Tgt Ion:119 Resp: 775388
Ion Ratio Lower Upper
119 100
91 67.7 31.5 94.5
134 23.9 12.4 37.4

Manual Integrations
APPROVED

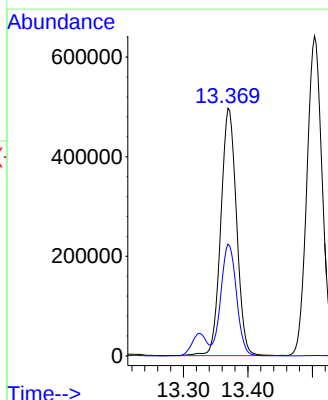
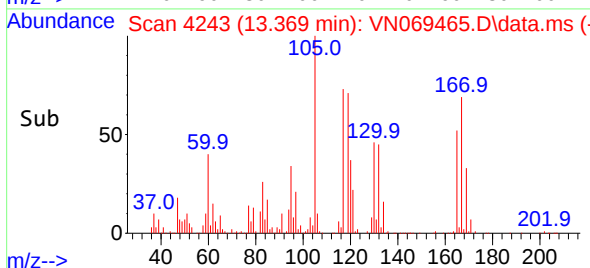
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

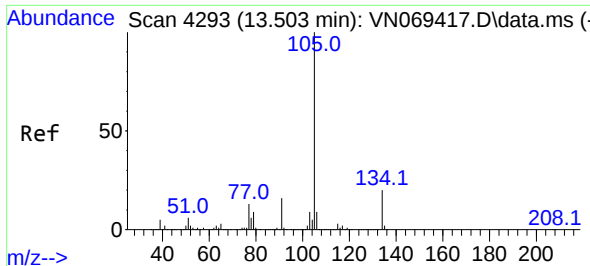


#84
1,2,4-Trimethylbenzene
Concen: 20.126 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



Tgt Ion:105 Resp: 842728
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.4





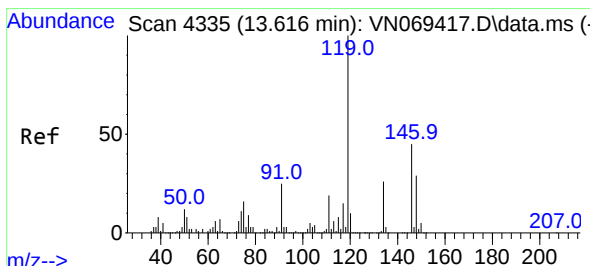
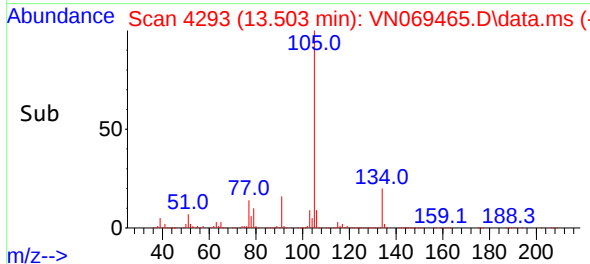
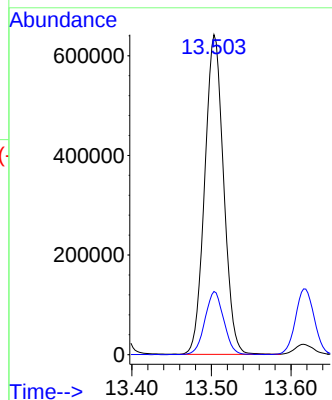
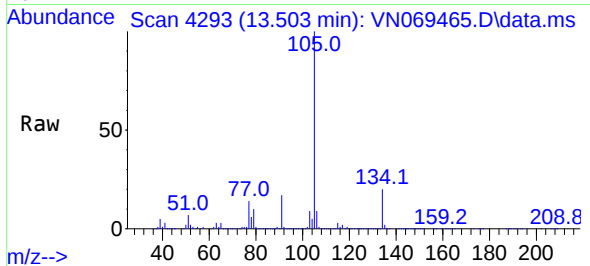
#85
 sec-Butylbenzene
 Concen: 19.920 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069465.D
 Acq: 12 Nov 2021 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01

Tgt Ion:105 Resp: 1057690
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

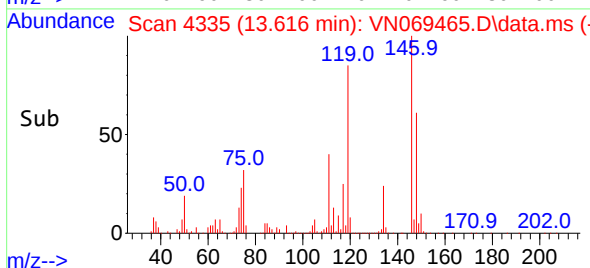
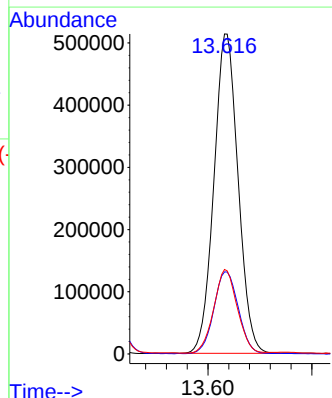
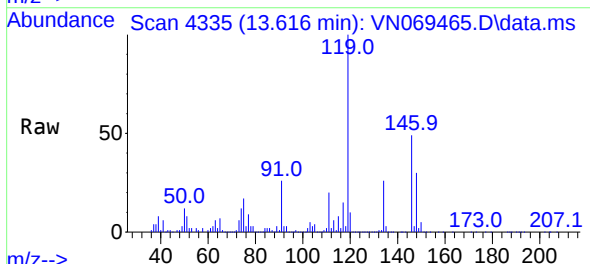
Manual Integrations
 APPROVED

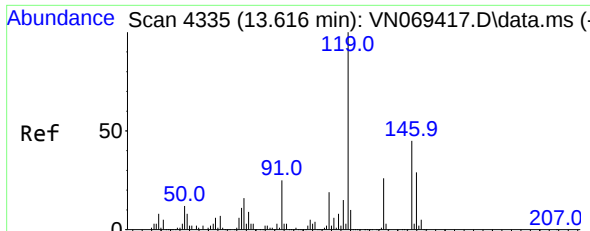
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#86
 p-Isopropyltoluene
 Concen: 19.654 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069465.D
 Acq: 12 Nov 2021 13:48

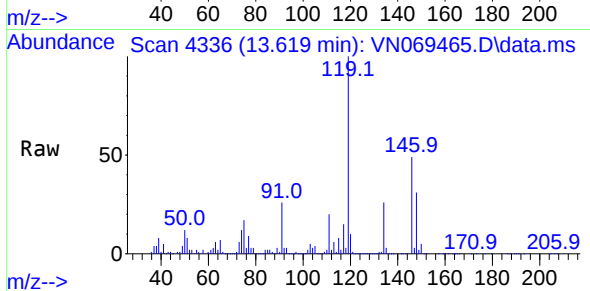
Tgt Ion:119 Resp: 828433
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.992 ug/l
RT: 13.619 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

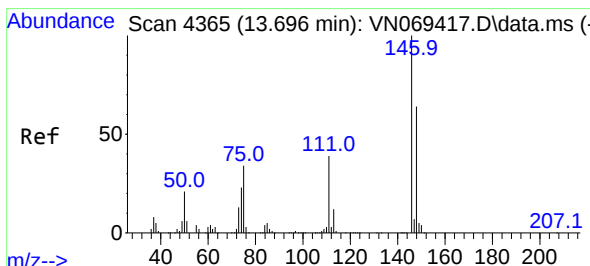
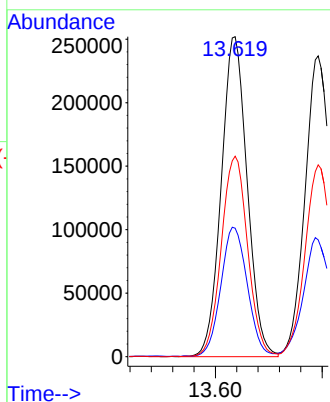
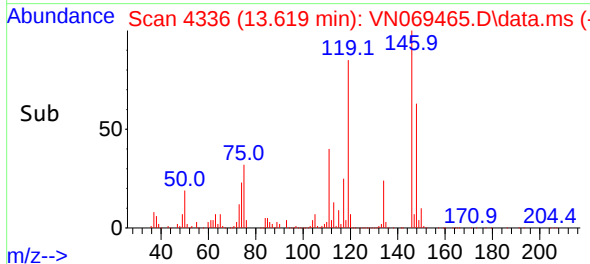
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



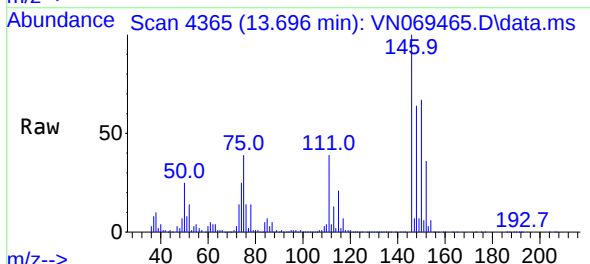
Tgt Ion:146 Resp: 42531
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations
APPROVED

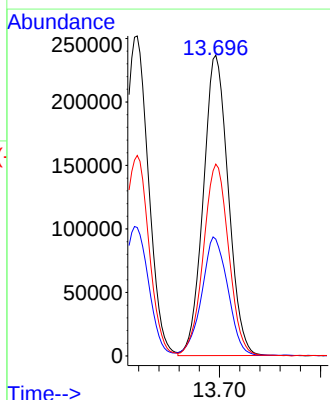
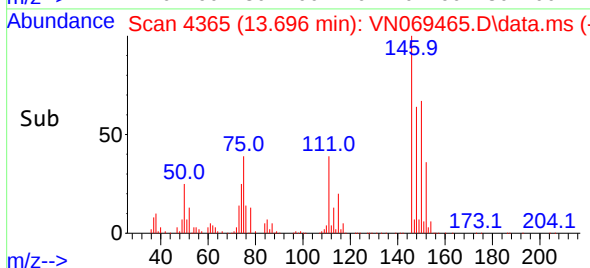
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

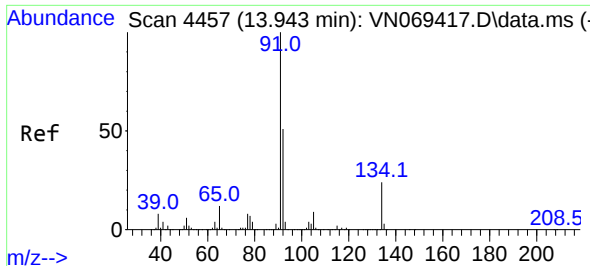


#88
1,4-Dichlorobenzene
Concen: 19.530 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



Tgt Ion:146 Resp: 407600
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 65.1 31.8 95.4





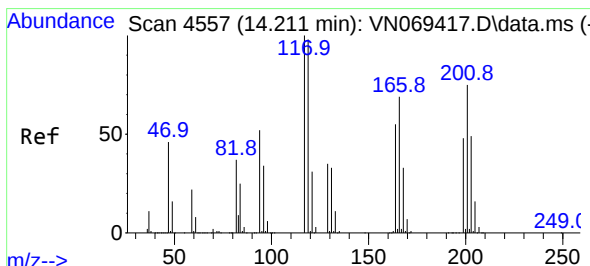
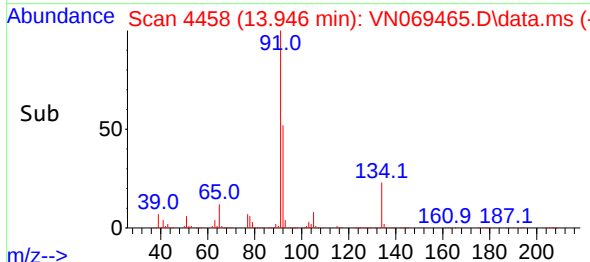
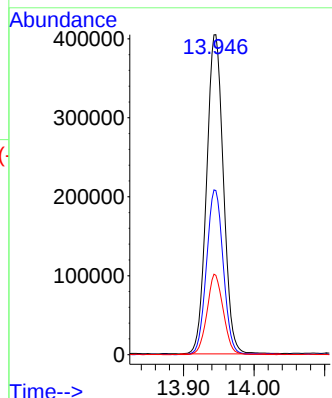
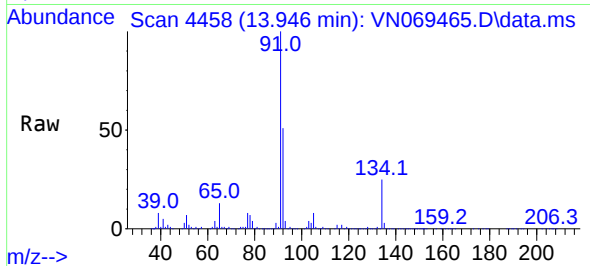
#89
n-Butylbenzene
Concen: 19.086 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion: 91 Resp: 67085
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.2 13.6 40.8

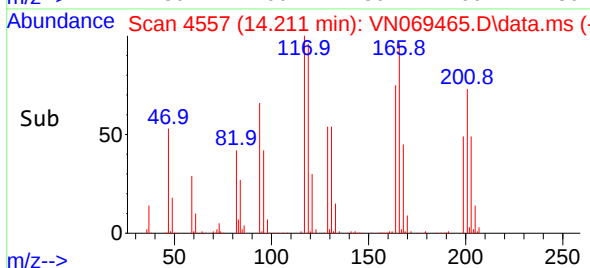
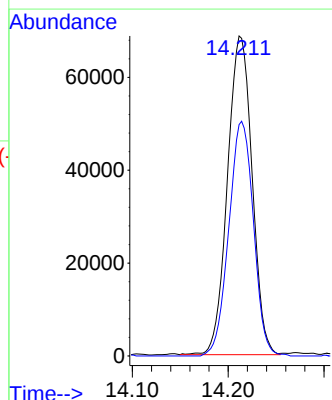
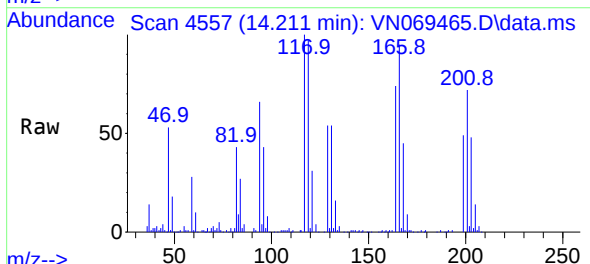
Manual Integrations
APPROVED

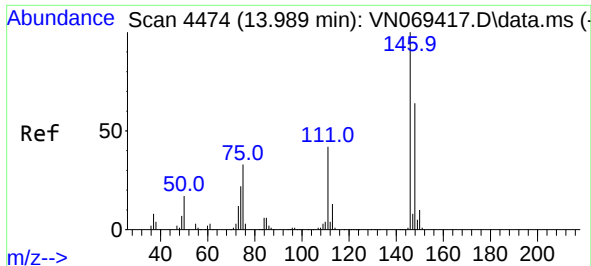
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 17.286 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Tgt Ion:117 Resp: 122473
Ion Ratio Lower Upper
117 100
201 73.9 43.9 131.6





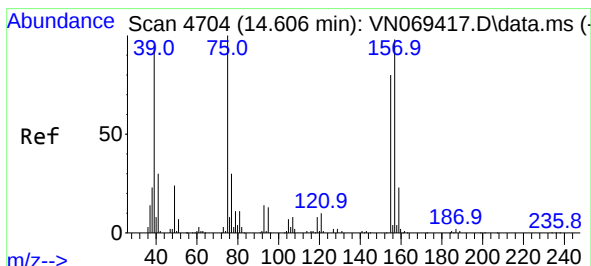
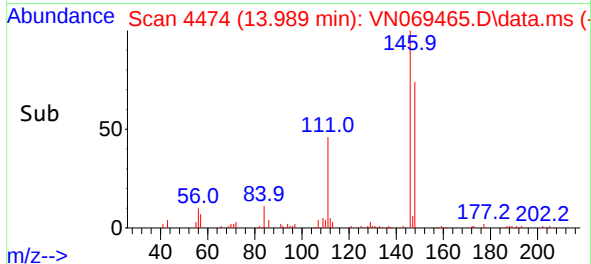
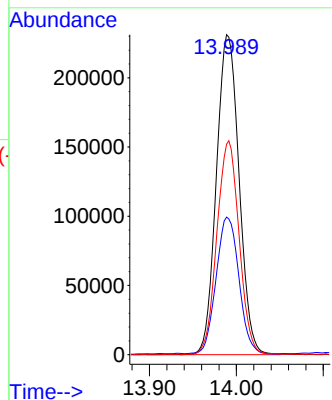
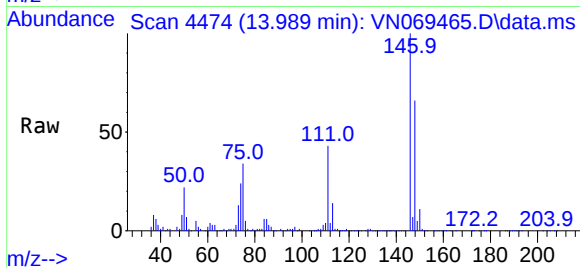
#91
1,2-Dichlorobenzene
Concen: 20.689 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:146 Resp: 41880
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 65.7 32.1 96.3

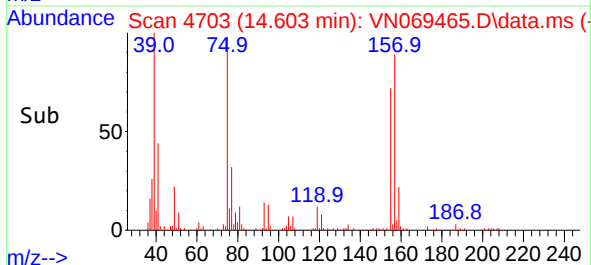
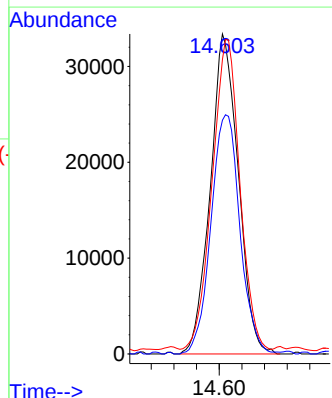
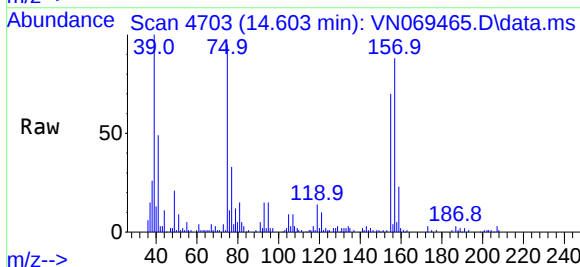
Manual Integrations
APPROVED

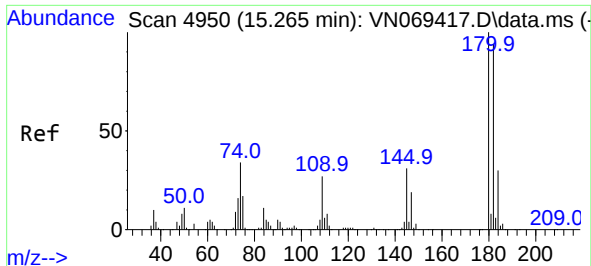
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.203 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

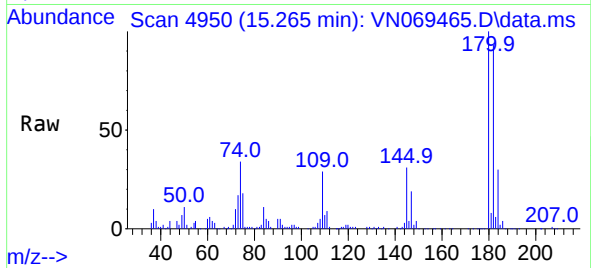
Tgt Ion: 75 Resp: 57252
Ion Ratio Lower Upper
75 100
155 77.3 46.9 140.7
157 95.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.681 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

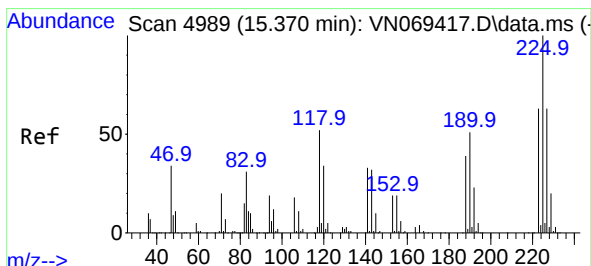
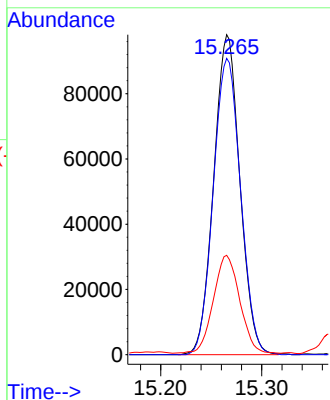
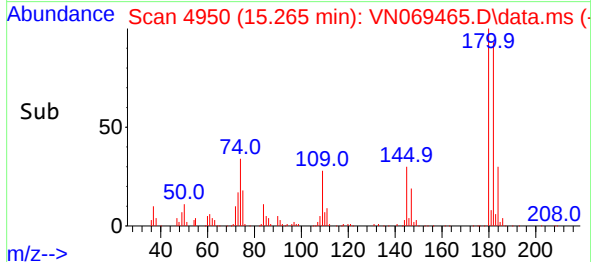
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



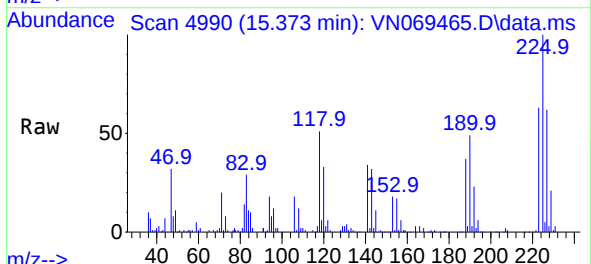
Tgt Ion:180 Resp: 17608
Ion Ratio Lower Upper
180 100
182 96.5 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
APPROVED

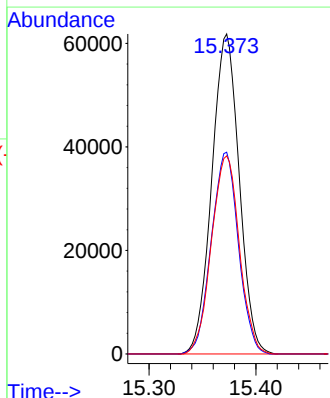
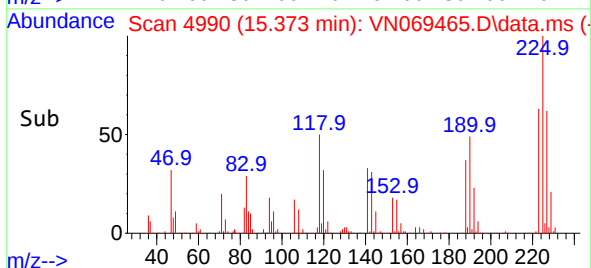
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

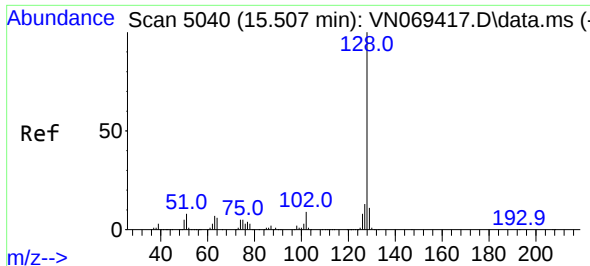


#94
Hexachlorobutadiene
Concen: 20.934 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



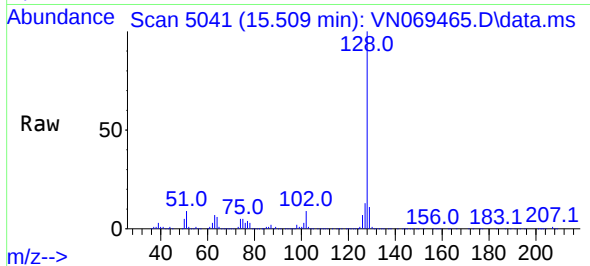
Tgt Ion:225 Resp: 110109
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.7
227 63.1 32.1 96.3





#95
Naphthalene
Concen: 19.693 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48

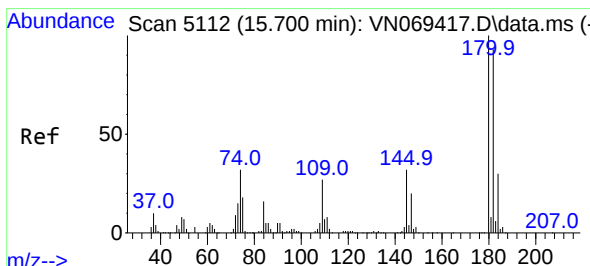
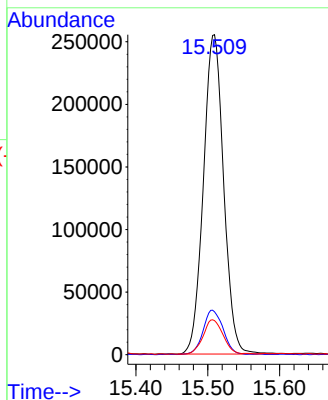
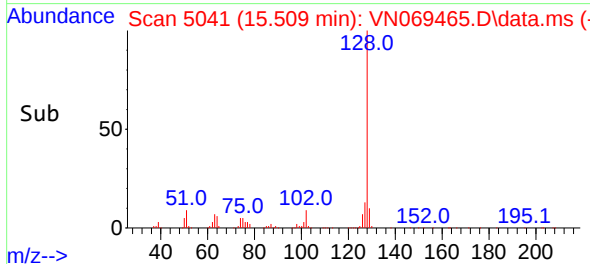
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



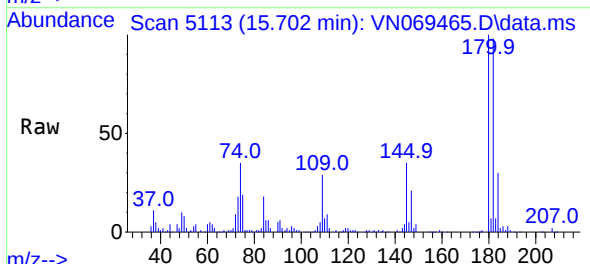
Tgt Ion:128 Resp: 500504
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.197 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069465.D
Acq: 12 Nov 2021 13:48



Tgt Ion:180 Resp: 173567
Ion Ratio Lower Upper
180 100
182 98.1 47.4 142.2
145 33.3 15.0 45.1

