

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112421\
 Data File : VN069645.D
 Acq On : 24 Nov 2021 16:23
 Operator : JC/MD
 Sample : VN1124MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 07:00:32 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	8.086	168	1077512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1760707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1589575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	654137	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	825009	52.806	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.620%	
35) Dibromofluoromethane	8.021	113	577731	54.710	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.420%	
50) Toluene-d8	10.440	98	2215295	53.339	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	12.731	95	773277	50.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	205298	17.834	ug/l	99
3) Chloromethane	2.306	50	223504	16.742	ug/l	99
4) Vinyl Chloride	2.448	62	225513	16.870	ug/l	100
5) Bromomethane	2.861	94	120714	13.905	ug/l	96
6) Chloroethane	3.022	64	142254	15.766	ug/l	98
7) Trichlorofluoromethane	3.379	101	335424	16.236	ug/l	97
8) Diethyl Ether	3.824	74	128186	19.177	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	188722	19.392	ug/l	96
10) Methyl Iodide	4.419	142	189684	15.891	ug/l	98
11) Tert butyl alcohol	5.374	59	263500	93.597	ug/l	100
12) 1,1-Dichloroethene	4.183	96	167411	19.169	ug/l	90
13) Acrolein	4.052	56	29723m	69.791	ug/l	
14) Allyl chloride	4.840	41	367835	19.051	ug/l	96
15) Acrylonitrile	5.557	53	734412	101.869	ug/l	98
16) Acetone	4.291	43	850585	100.906	ug/l	96
17) Carbon Disulfide	4.532	76	290648	14.079	ug/l	100
18) Methyl Acetate	4.857	43	536382	19.575	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	765978	20.725	ug/l	96
20) Methylene Chloride	5.098	84	223316	18.683	ug/l	90
21) trans-1,2-Dichloroethene	5.602	96	177916	18.240	ug/l	91
22) Diisopropyl ether	6.495	45	863491	20.761	ug/l	97
23) Vinyl Acetate	6.436	43	3244516	100.858	ug/l	95
24) 1,1-Dichloroethane	6.393	63	423225	19.978	ug/l	97
25) 2-Butanone	7.337	43	1153297	101.041	ug/l	91
26) 2,2-Dichloropropane	7.327	77	318240	19.200	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	239753	19.828	ug/l	87
28) Bromochloromethane	7.659	49	277853	25.611	ug/l #	80
29) Tetrahydrofuran	7.686	42	713950	101.926	ug/l	90
30) Chloroform	7.817	83	445101	20.494	ug/l	100
31) Cyclohexane	8.094	56	376247	17.627	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	360777	19.901	ug/l	95
36) 1,1-Dichloropropene	8.222	75	288937	19.503	ug/l	96
37) Ethyl Acetate	7.415	43	426179	21.280	ug/l	95
38) Carbon Tetrachloride	8.206	117	287379	20.092	ug/l	96
39) Methylcyclohexane	9.459	83	330136	17.913	ug/l	90
40) Benzene	8.461	78	919408	20.105	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	217031	20.973	ug/l	89
42) 1,2-Dichloroethane	8.531	62	381387	21.300	ug/l	97
43) Isopropyl Acetate	8.560	43	681073	21.173	ug/l	94
44) Trichloroethene	9.217	130	220337	20.132	ug/l	91
45) 1,2-Dichloropropane	9.491	63	255456	20.909	ug/l	99
46) Dibromomethane	9.577	93	167719	20.495	ug/l	92
47) Bromodichloromethane	9.762	83	320502	20.988	ug/l	97
48) Methyl methacrylate	9.561	41	303402	20.047	ug/l	92
49) 1,4-Dioxane	9.569	88	104064	372.473	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2261660	108.925	ug/l	96
52) Toluene	10.505	92	573595	20.134	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	320884	18.826	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	355895	19.097	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	246615	21.475	ug/l	98
56) Ethyl methacrylate	10.760	69	396669	19.629	ug/l	86
57) 1,3-Dichloropropane	11.044	76	426205	21.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	358539	81.332	ug/l	91
59) 2-Hexanone	11.087	43	1602301	96.435	ug/l	94
60) Dibromochloromethane	11.237	129	224592	19.374	ug/l	99
61) 1,2-Dibromoethane	11.347	107	241238	19.488	ug/l	99
64) Tetrachloroethene	10.977	164	194559	20.271	ug/l	95
65) Chlorobenzene	11.771	112	618002	20.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	229353	22.349	ug/l	98
67) Ethyl Benzene	11.846	91	1127937	20.670	ug/l	95
68) m/p-Xylenes	11.953	106	812420	40.480	ug/l	92
69) o-Xylene	12.280	106	414379	20.711	ug/l	92
70) Styrene	12.294	104	657932	19.278	ug/l	95
71) Bromoform	12.455	173	152214	19.338	ug/l #	99
73) Isopropylbenzene	12.578	105	1102636	21.171	ug/l	99
74) N-amyl acetate	12.388	43	443256	20.082	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	389157	22.154	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	343538m	22.757	ug/l	
77) Bromobenzene	12.860	156	256940	21.571	ug/l	81
78) n-propylbenzene	12.919	91	1199382	20.466	ug/l	96
79) 2-Chlorotoluene	13.007	91	761501	20.986	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	886248	21.049	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	79440	19.638	ug/l #	82
82) 4-Chlorotoluene	13.104	91	707047	20.440	ug/l	93
83) tert-Butylbenzene	13.324	119	810870	21.976	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	856352	21.068	ug/l	100
85) sec-Butylbenzene	13.501	105	1063518	20.634	ug/l	99
86) p-Isopropyltoluene	13.616	119	845991	20.676	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	419367	20.307	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	407767	20.127	ug/l	97
89) n-Butylbenzene	13.943	91	649405	19.033	ug/l	98
90) Hexachloroethane	14.209	117	140321	20.013	ug/l	84
91) 1,2-Dichlorobenzene	13.989	146	425846	21.671	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	62411	20.220	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	179595	19.470	ug/l	97
94) Hexachlorobutadiene	15.370	225	110542	21.650	ug/l	100
95) Naphthalene	15.507	128	527363	20.995	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	179473	20.242	ug/l	98

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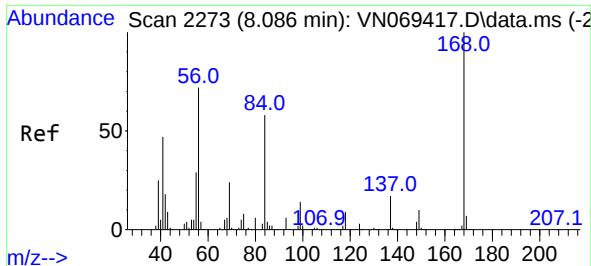
Manual Integrations
APPROVED

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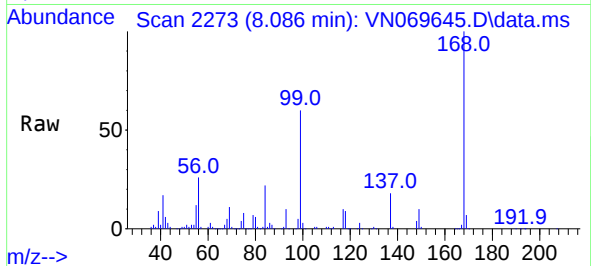
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069645.D
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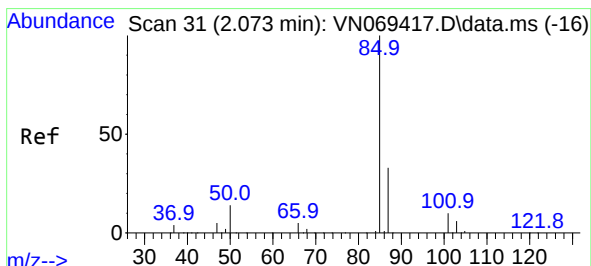
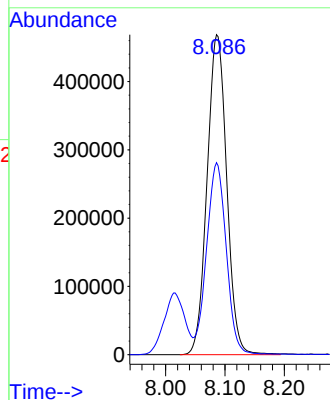
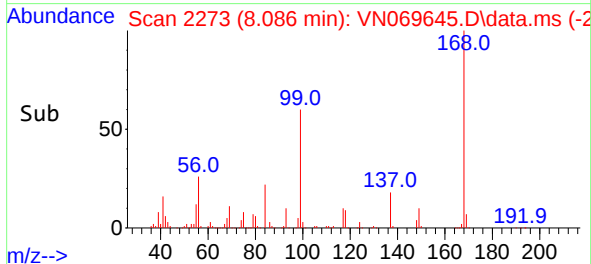
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



Tgt Ion:168 Resp: 107751
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9

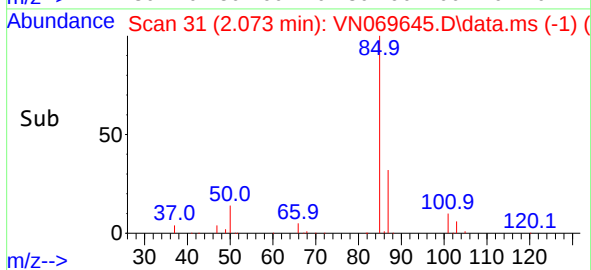
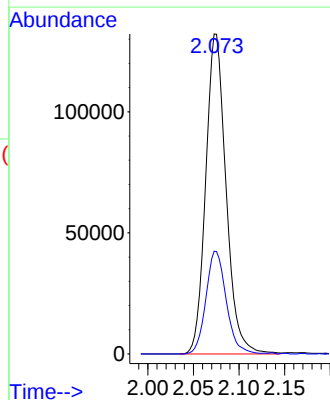
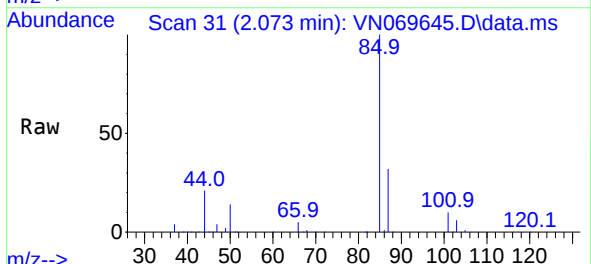
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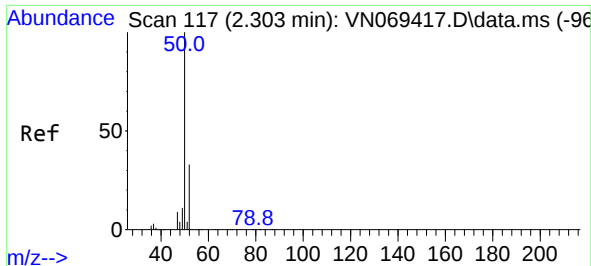
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#2
Dichlorodifluoromethane
Concen: 17.834 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

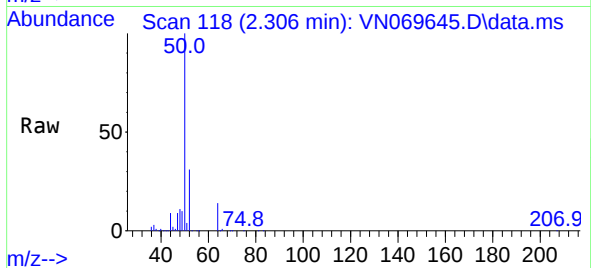
Tgt Ion: 85 Resp: 205298
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 16.742 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

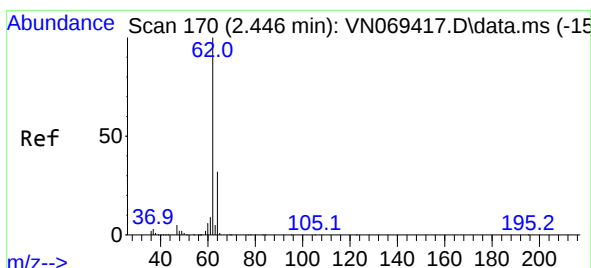
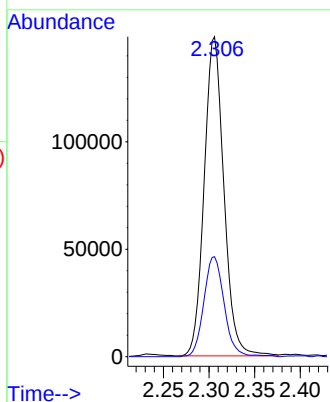
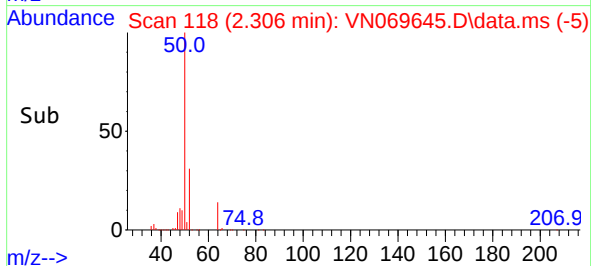
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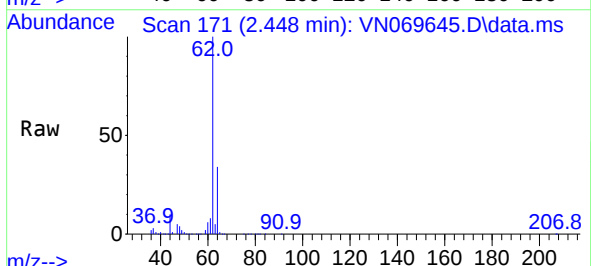
Tgt Ion: 50 Resp: 223504
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.0

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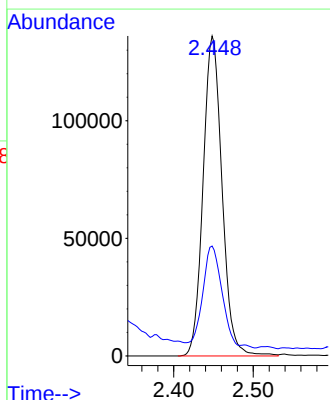
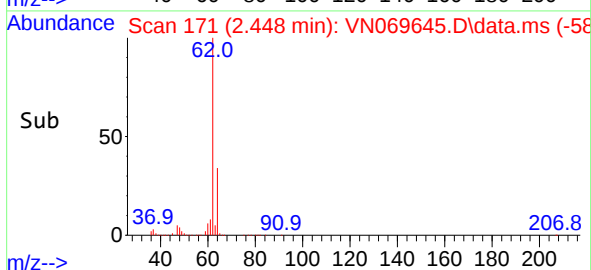
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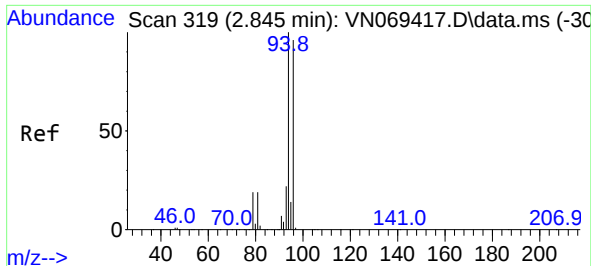


#4
Vinyl Chloride
Concen: 16.870 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



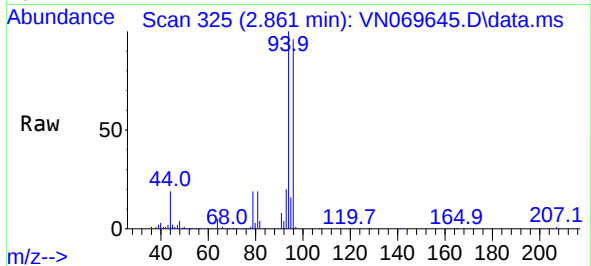
Tgt Ion: 62 Resp: 225513
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 13.905 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

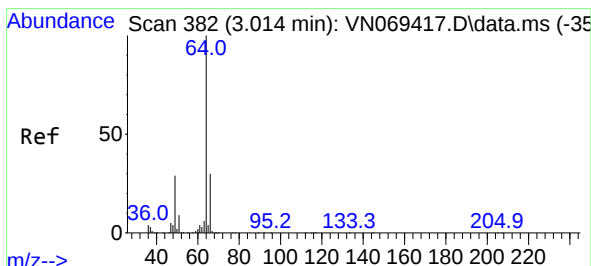
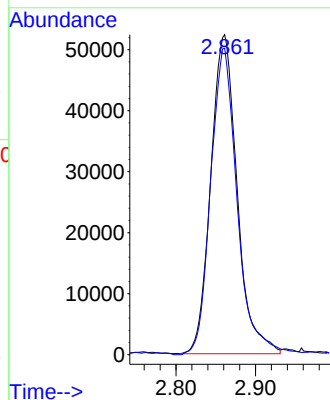
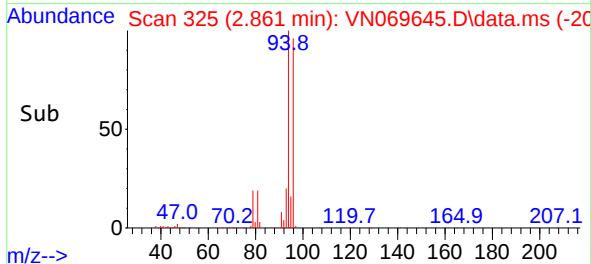
Instrument :
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Tgt Ion: 94 Resp: 120714
Ion Ratio Lower Upper
94 100
96 96.1 73.8 110.8

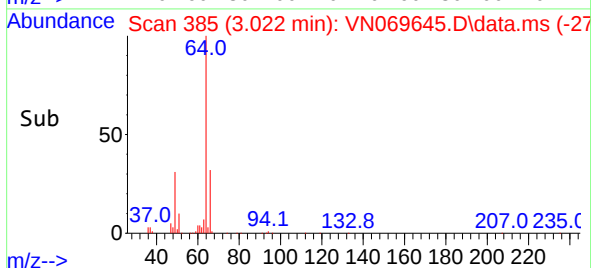
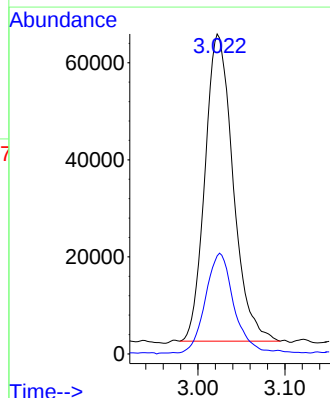
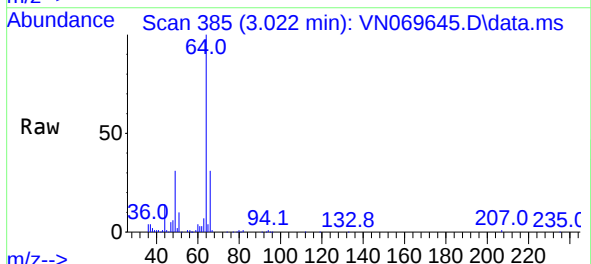
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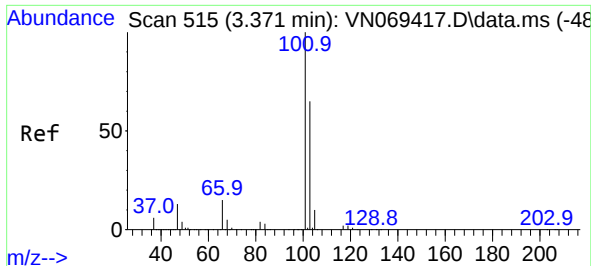
Reviewed By :John Carlone 11/26/2021
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#6
Chloroethane
Concen: 15.766 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Tgt Ion: 64 Resp: 142254
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





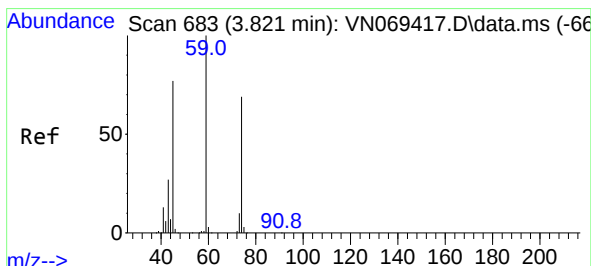
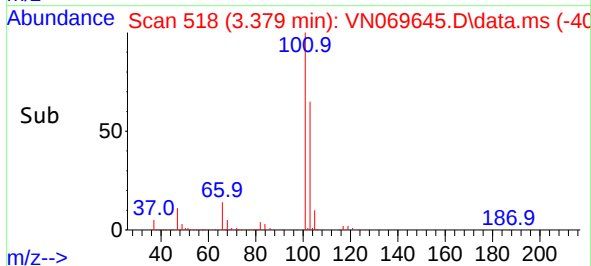
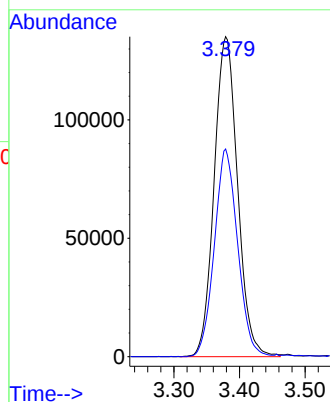
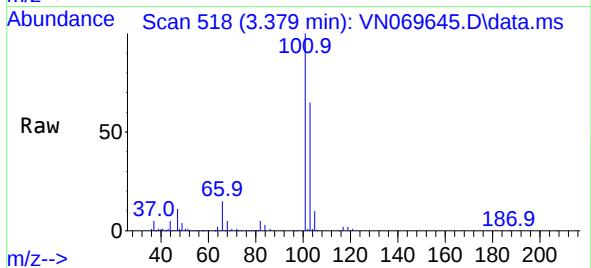
#7
Trichlorofluoromethane
Concen: 16.236 ug/l
RT: 3.379 min Scan# 515
Delta R.T. 0.008 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 335424
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1

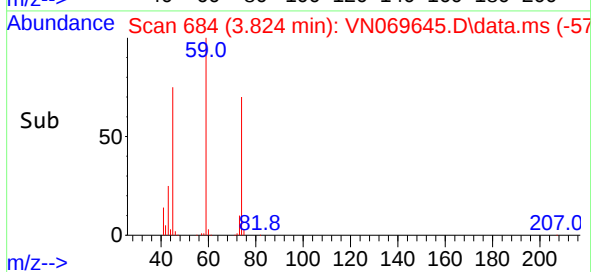
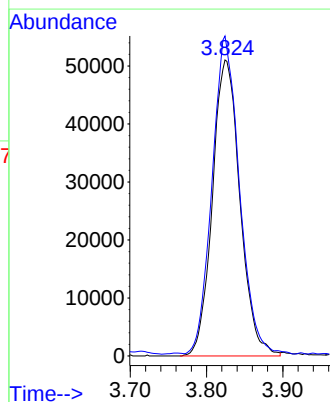
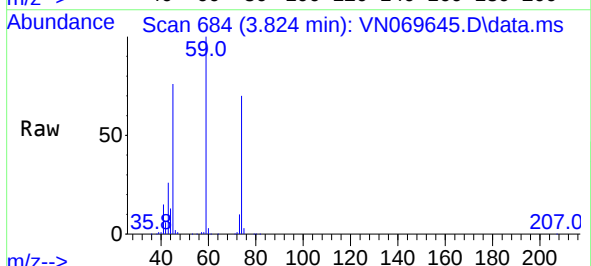
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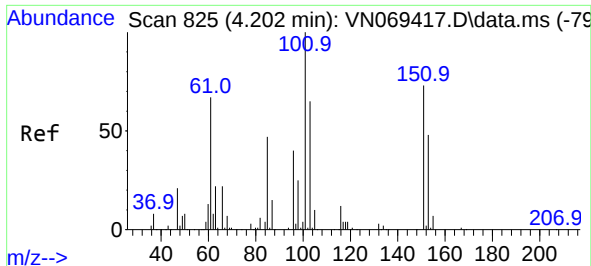
Reviewed By :John Carlone 11/26/2021
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#8
Diethyl Ether
Concen: 19.177 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Tgt Ion: 74 Resp: 128186
Ion Ratio Lower Upper
74 100
45 106.3 47.0 141.2





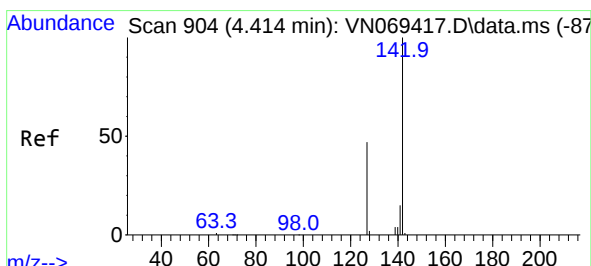
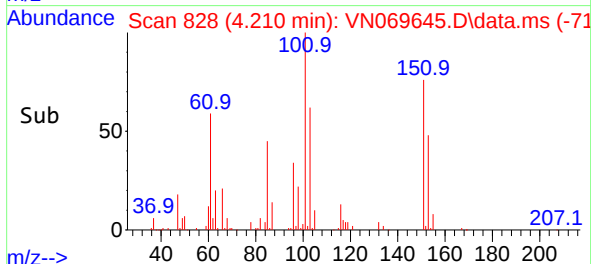
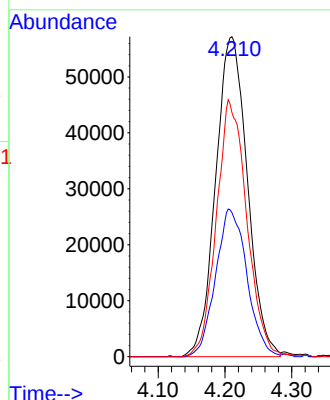
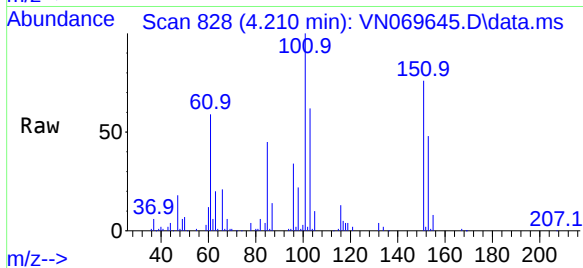
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.392 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion:101 Resp: 18872
Ion Ratio Lower Upper
101 100
85 45.5 37.2 55.8
151 76.9 65.9 98.9

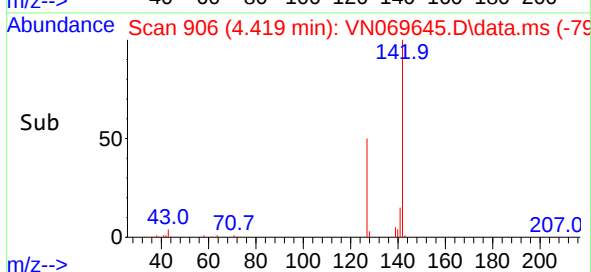
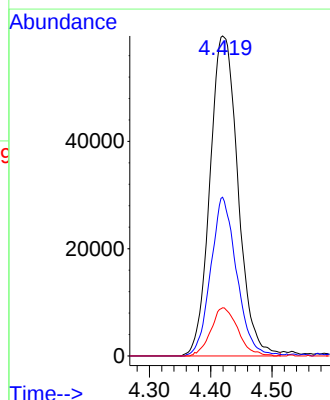
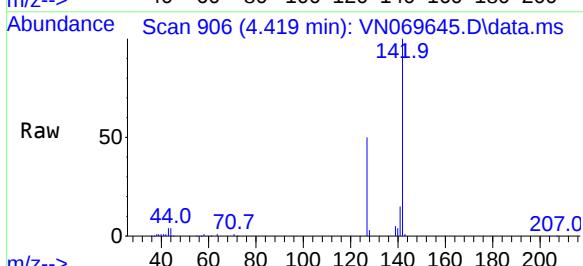
Manual Integrations
APPROVED

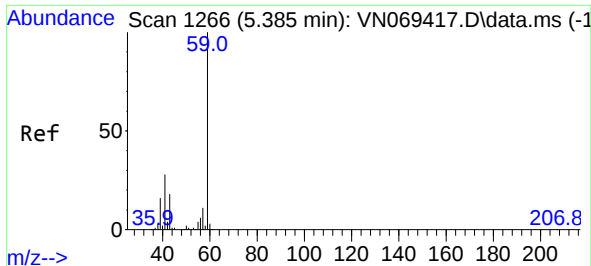
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#10
Methyl Iodide
Concen: 15.891 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

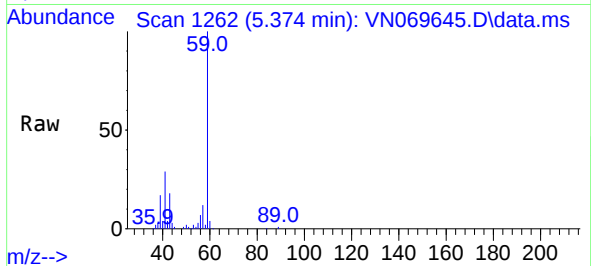
Tgt Ion:142 Resp: 189684
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 93.597 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

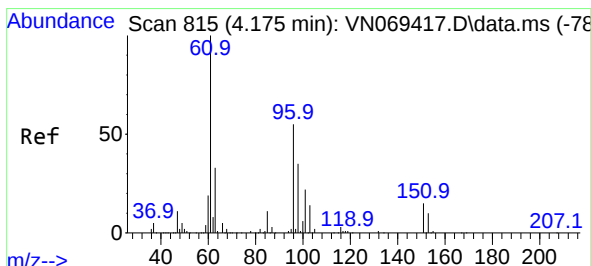
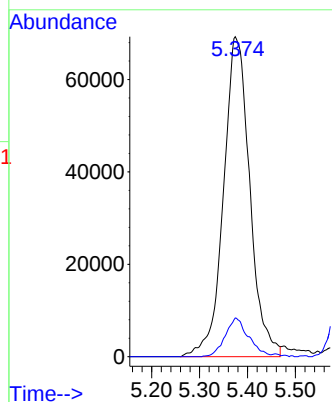
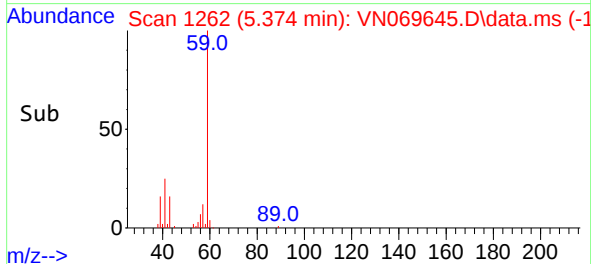
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



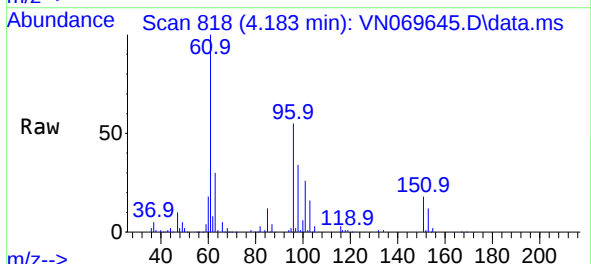
Tgt Ion: 59 Resp: 263500
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
APPROVED

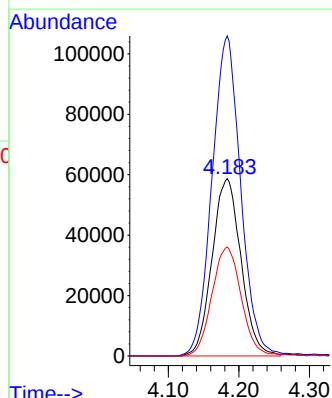
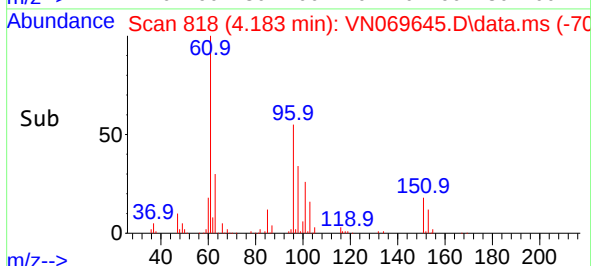
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

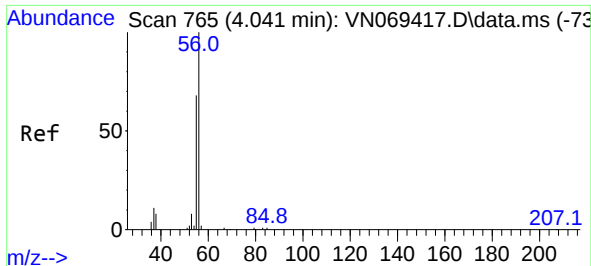


#12
1,1-Dichloroethene
Concen: 19.169 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



Tgt Ion: 96 Resp: 167411
Ion Ratio Lower Upper
96 100
61 180.0 131.0 196.6
98 61.4 52.4 78.6





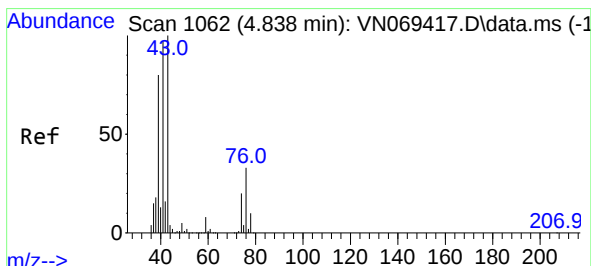
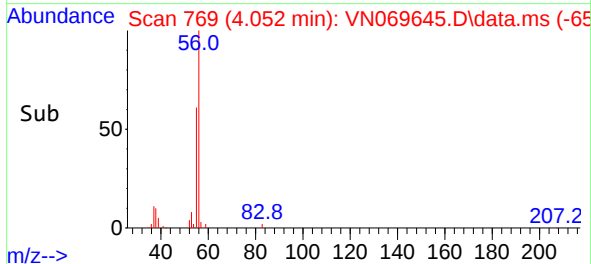
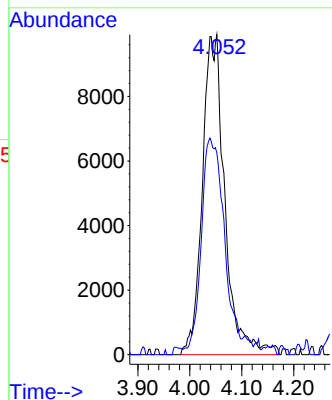
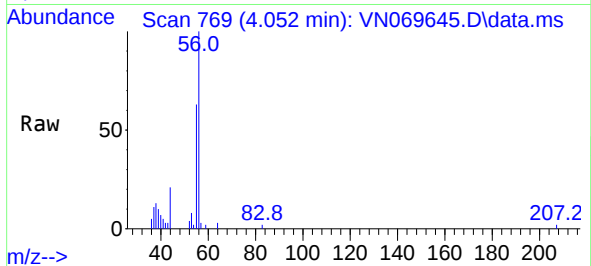
#13
Acrolein
Concen: 69.791 ug/l m
RT: 4.052 min Scan# 769
Delta R.T. 0.011 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion: 56 Resp: 2972
Ion Ratio Lower Upper
56 100
55 66.2 56.6 85.0

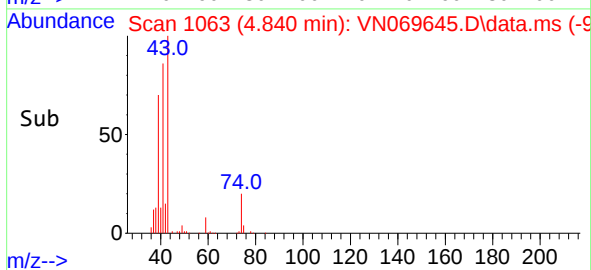
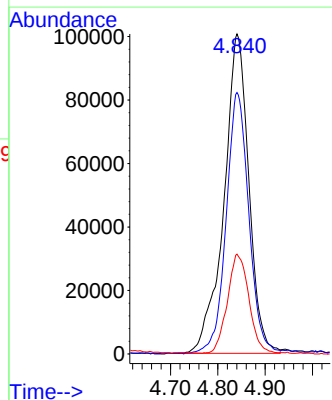
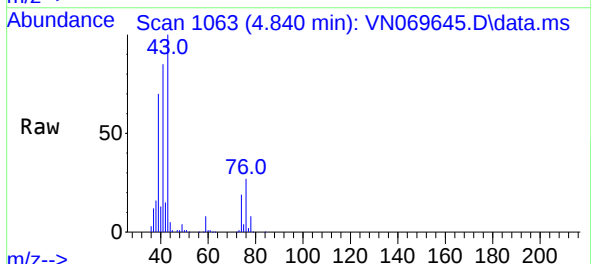
Manual Integrations
APPROVED

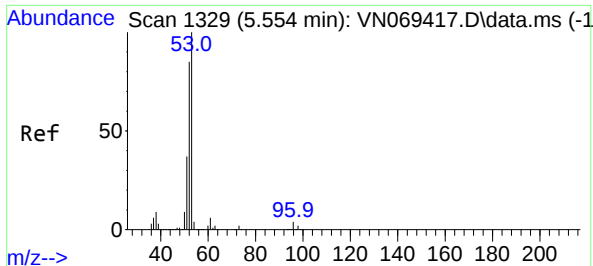
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#14
Allyl chloride
Concen: 19.051 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Tgt Ion: 41 Resp: 367835
Ion Ratio Lower Upper
41 100
39 74.9 61.2 91.8
76 26.8 26.0 39.0





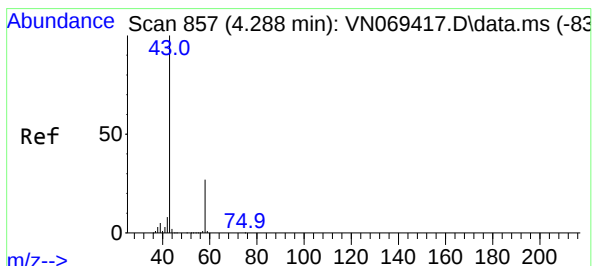
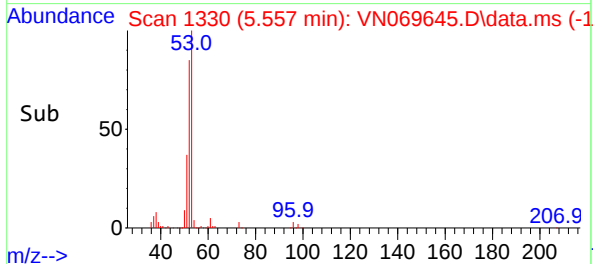
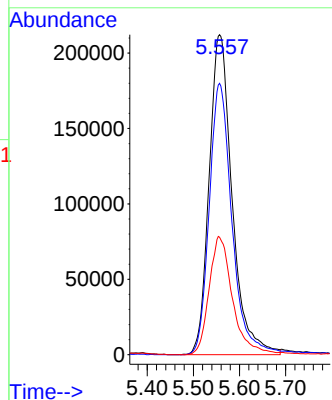
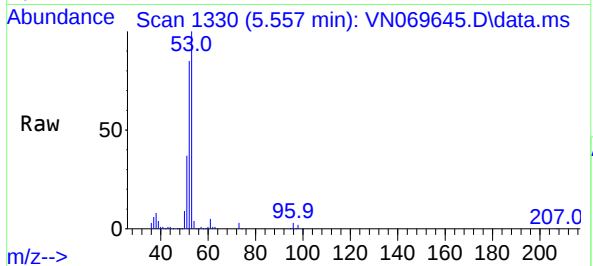
#15
Acrylonitrile
Concen: 101.869 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion: 53 Resp: 734412
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 37.6 29.6 44.4

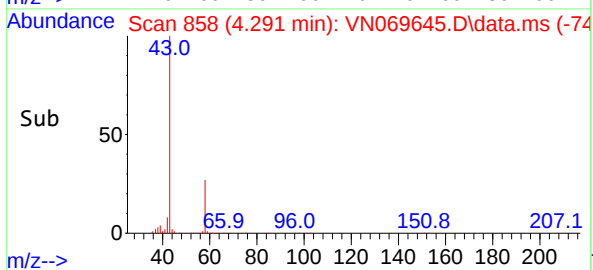
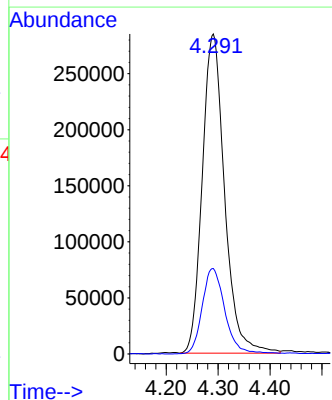
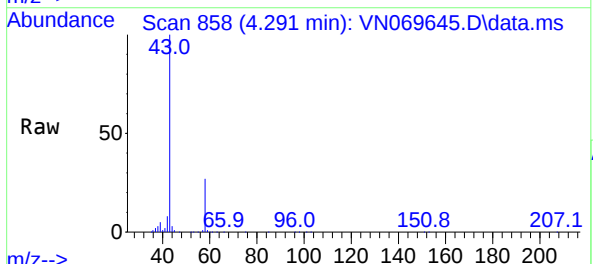
Manual Integrations
APPROVED

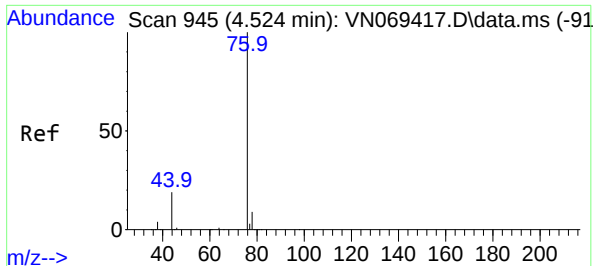
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#16
Acetone
Concen: 100.906 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

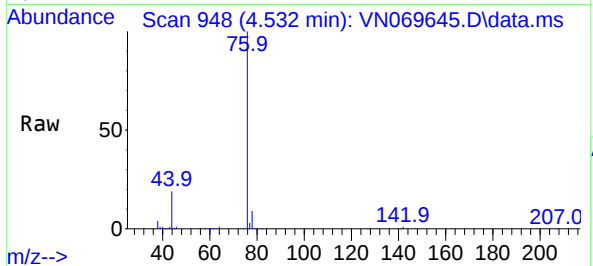
Tgt Ion: 43 Resp: 850585
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 14.079 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

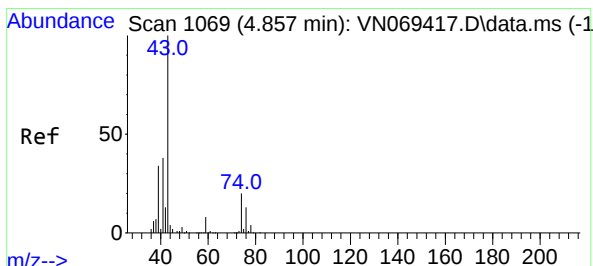
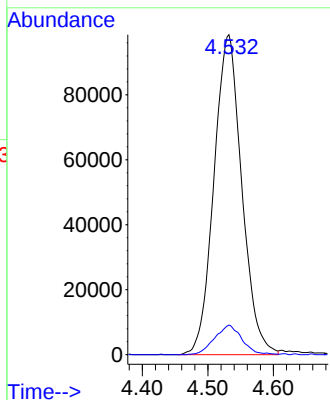
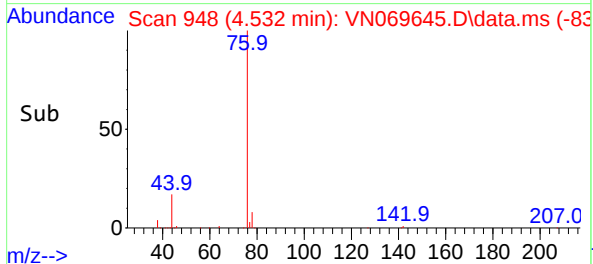
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



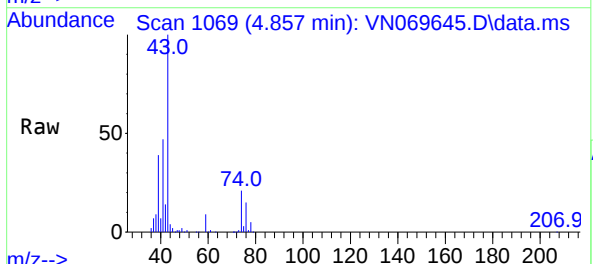
Tgt Ion: 76 Resp: 290648
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
APPROVED

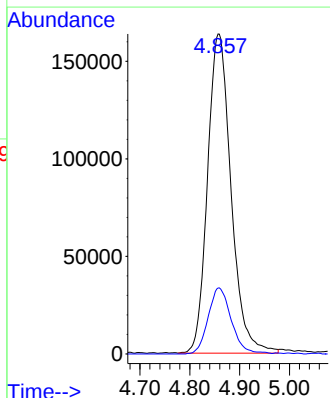
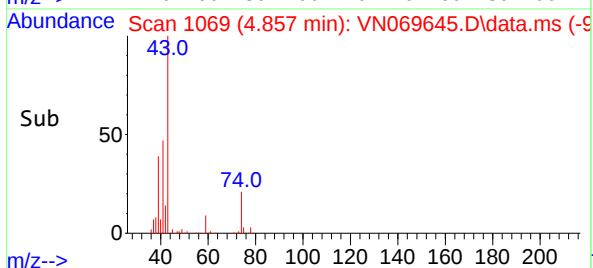
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

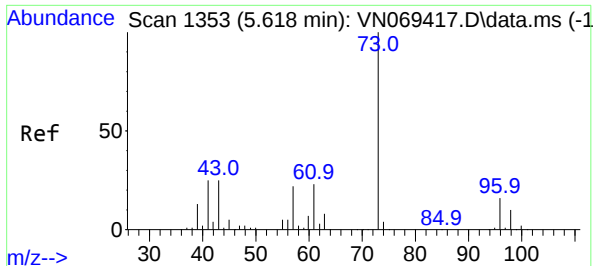


#18
Methyl Acetate
Concen: 19.575 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



Tgt Ion: 43 Resp: 536382
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.725 ug/l

RT: 5.618 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1124MBS01

Tgt Ion: 73 Resp: 765978

Ion Ratio Lower Upper

73 100

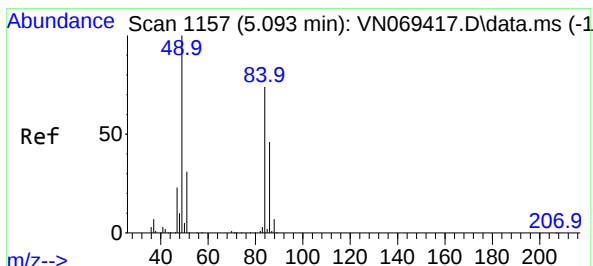
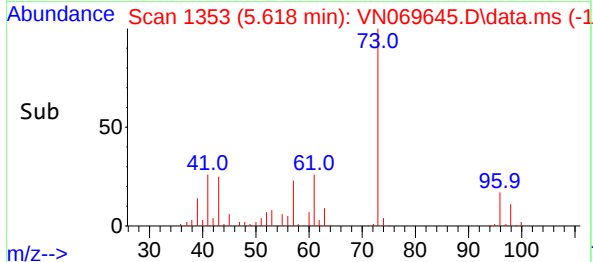
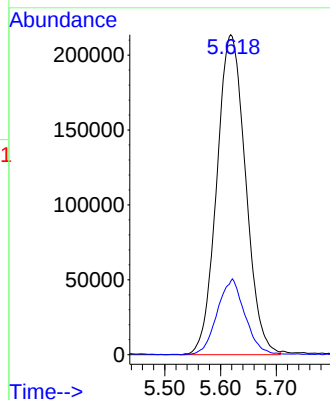
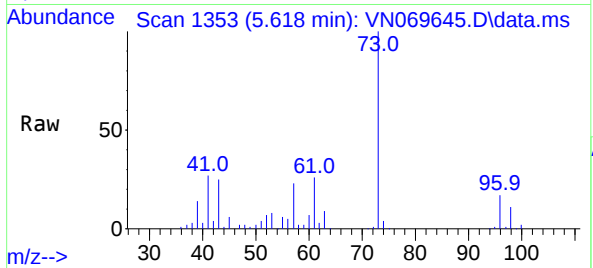
57 22.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#20

Methylene Chloride

Concen: 18.683 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.005 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

Tgt Ion: 84 Resp: 223316

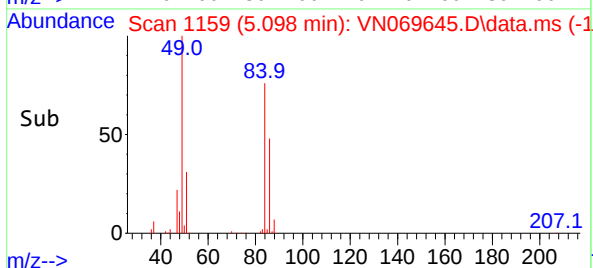
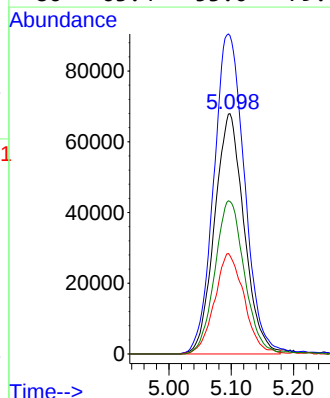
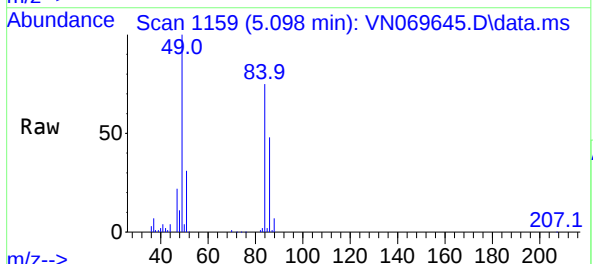
Ion Ratio Lower Upper

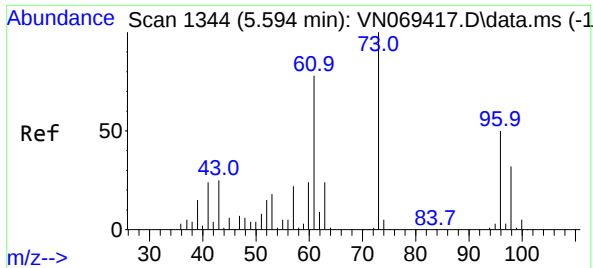
84 100

49 132.5 93.5 140.3

51 40.9 29.4 44.2

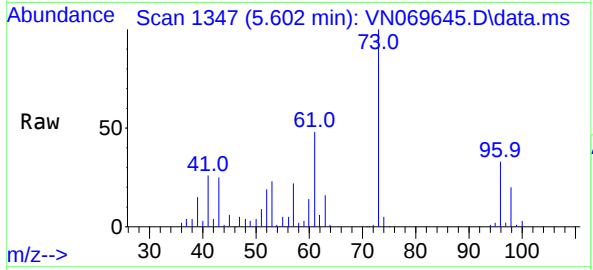
86 63.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.240 ug/l
RT: 5.602 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

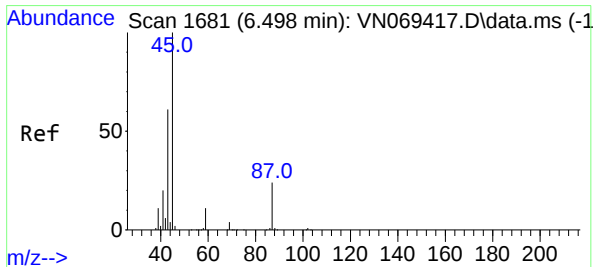
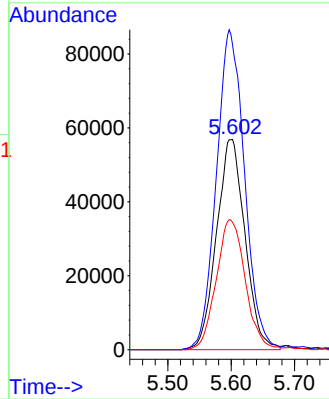
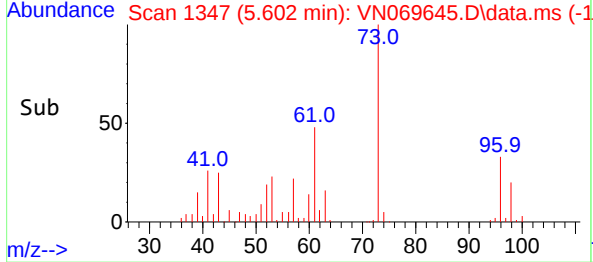
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



Tgt Ion: 96 Resp: 177910
Ion Ratio Lower Upper
96 100
61 145.0 105.8 158.6
98 60.5 52.0 78.0

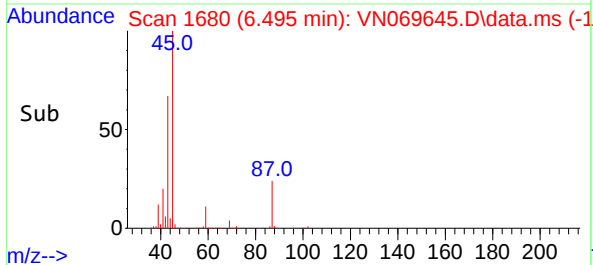
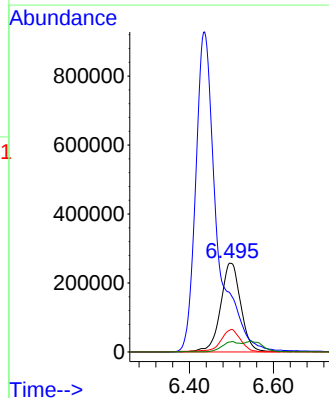
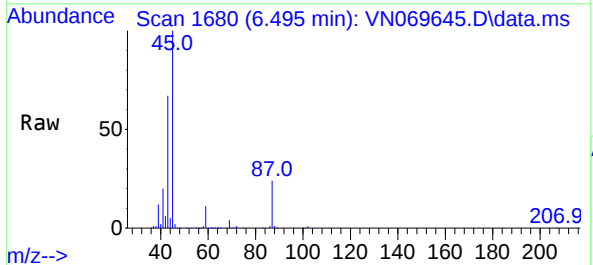
Manual Integrations
APPROVED

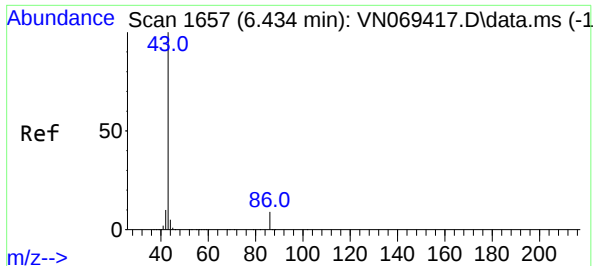
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#22
Diisopropyl ether
Concen: 20.761 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Tgt Ion: 45 Resp: 863491
Ion Ratio Lower Upper
45 100
43 64.9 51.7 77.5
87 24.2 23.2 34.8
59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 100.858 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.002 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1124MBS01

Tgt Ion: 43 Resp: 3244510

Ion Ratio Lower Upper

43 100

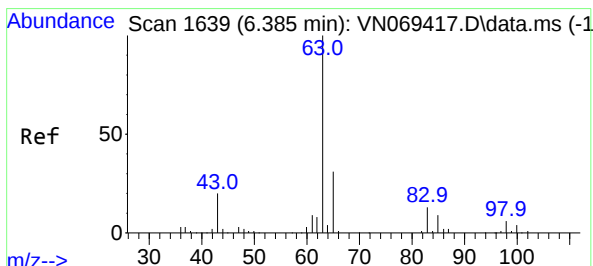
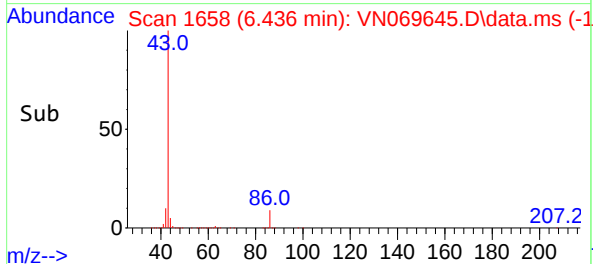
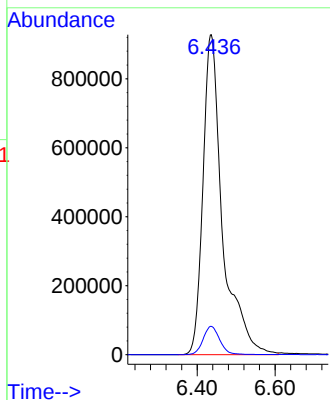
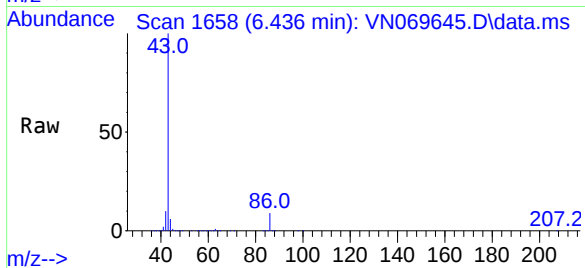
86 8.9 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#24

1,1-Dichloroethane

Concen: 19.978 ug/l

RT: 6.393 min Scan# 1642

Delta R.T. 0.008 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

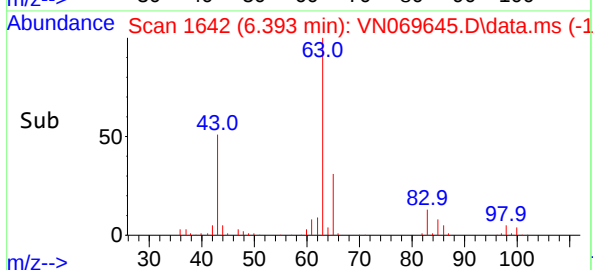
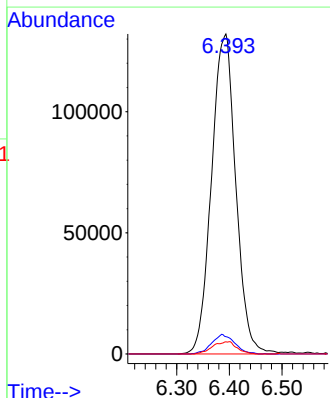
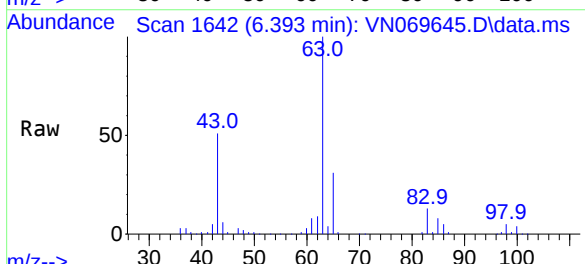
Tgt Ion: 63 Resp: 423225

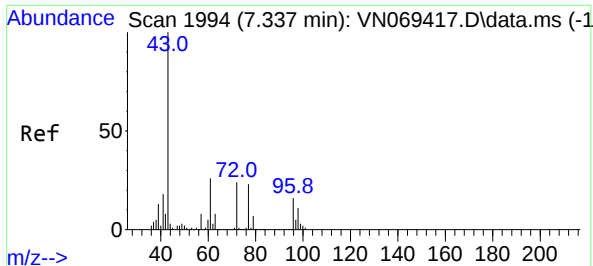
Ion Ratio Lower Upper

63 100

98 5.4 3.3 9.9

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 101.041 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1124MBS01

Tgt Ion: 43 Resp: 115329

Ion Ratio Lower Upper

43 100

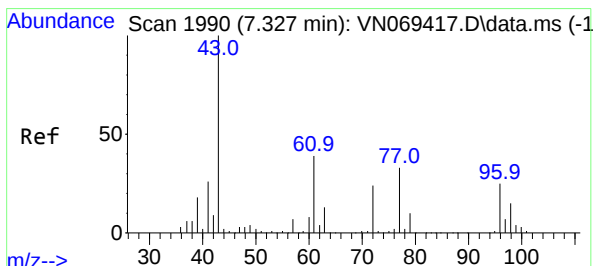
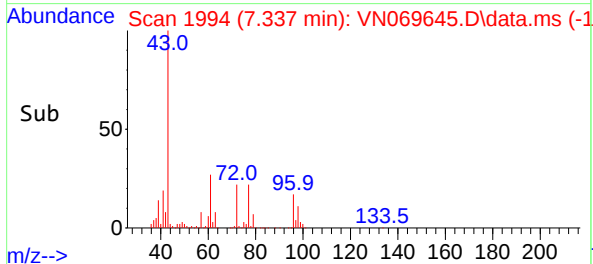
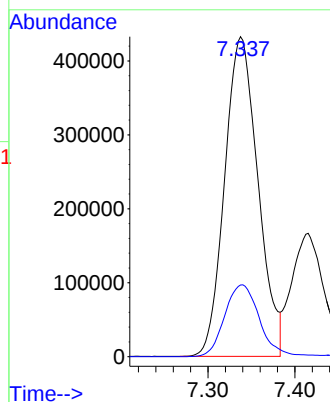
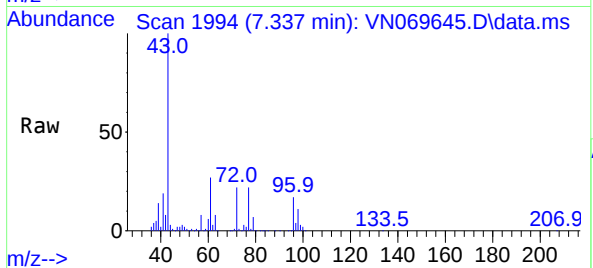
72 22.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#26

2,2-Dichloropropane

Concen: 19.200 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069645.D

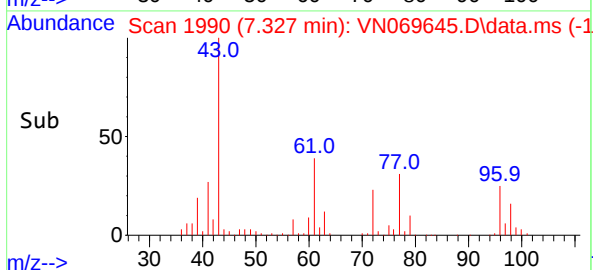
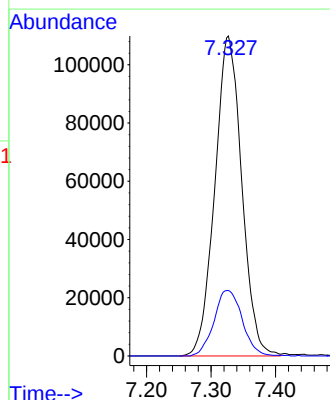
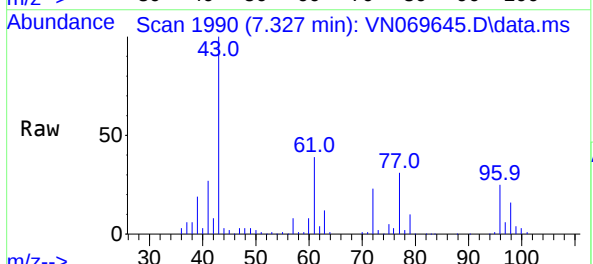
Acq: 24 Nov 2021 16:23

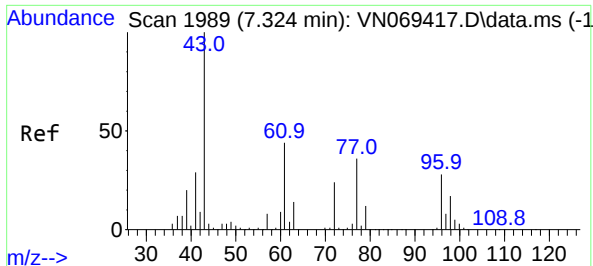
Tgt Ion: 77 Resp: 318240

Ion Ratio Lower Upper

77 100

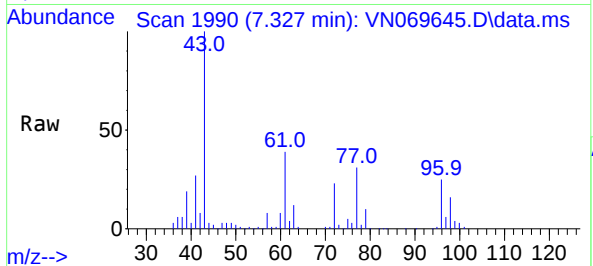
97 21.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.828 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069645.D
 Acq: 24 Nov 2021 16:23

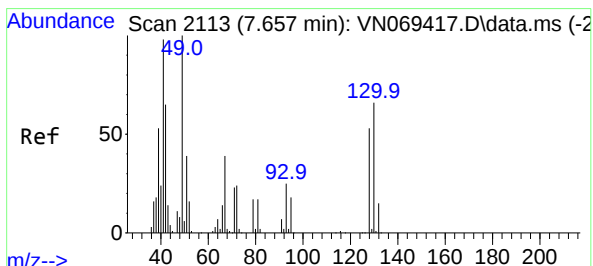
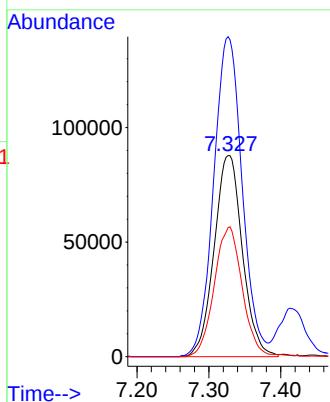
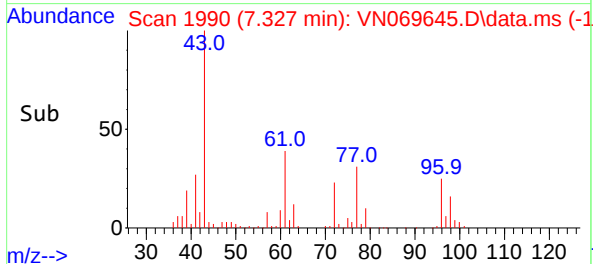
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124MBS01



Tgt Ion: 96 Resp: 23975
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 275.0
 98 64.3 0.0 129.6

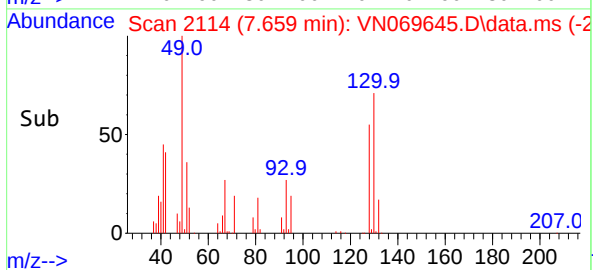
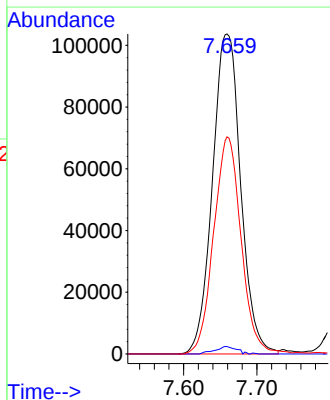
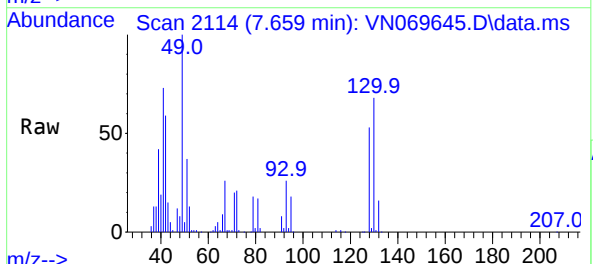
Manual Integrations
 APPROVED

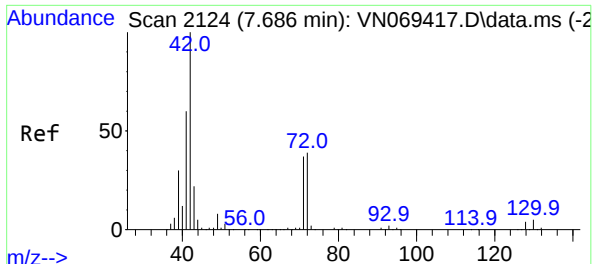
Reviewed By :John Carlone 11/26/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#28
 Bromochloromethane
 Concen: 25.611 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN069645.D
 Acq: 24 Nov 2021 16:23

Tgt Ion: 49 Resp: 277853
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 65.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 101.926 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1124MBS01

Tgt Ion: 42 Resp: 713950

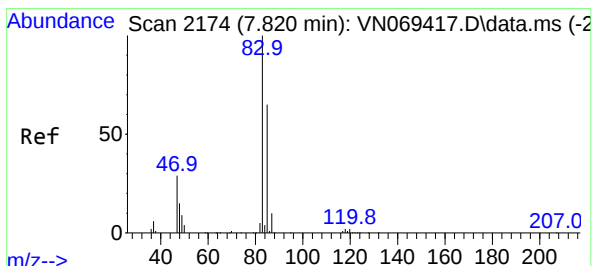
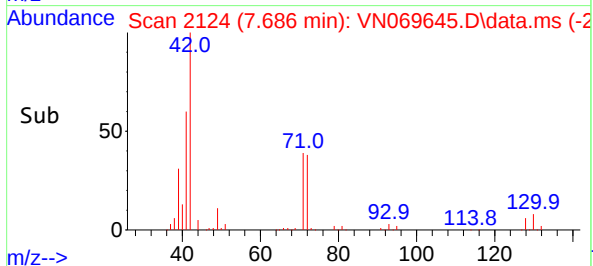
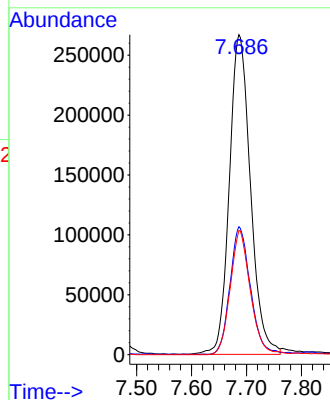
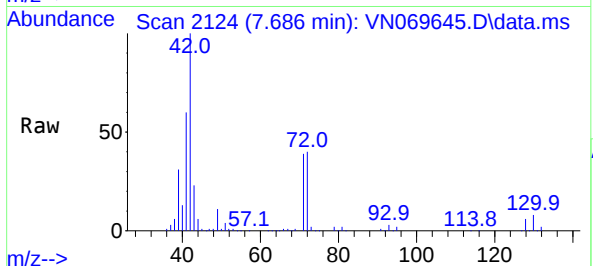
Ion	Ratio	Lower	Upper
42	100		
72	38.5	36.3	54.5
71	36.9	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#30

Chloroform

Concen: 20.494 ug/l

RT: 7.817 min Scan# 2173

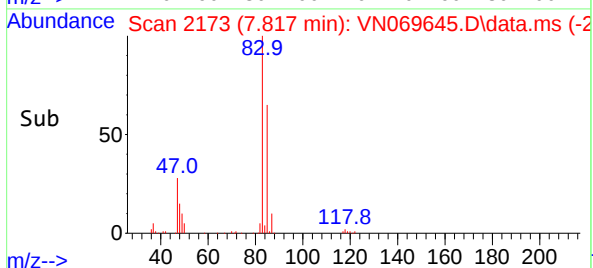
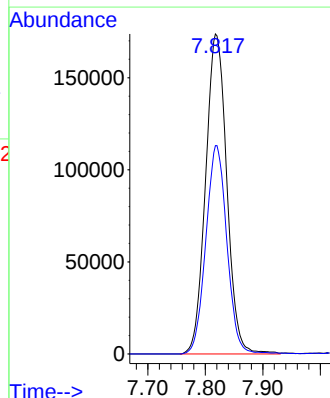
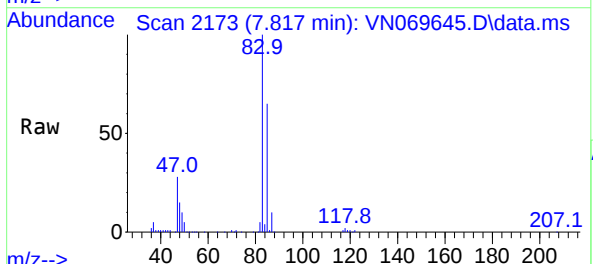
Delta R.T. -0.003 min

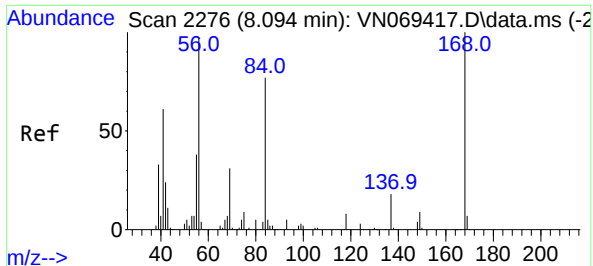
Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

Tgt Ion: 83 Resp: 445101

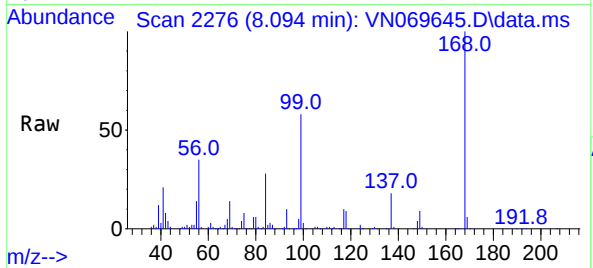
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9





#31
Cyclohexane
Concen: 17.627 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

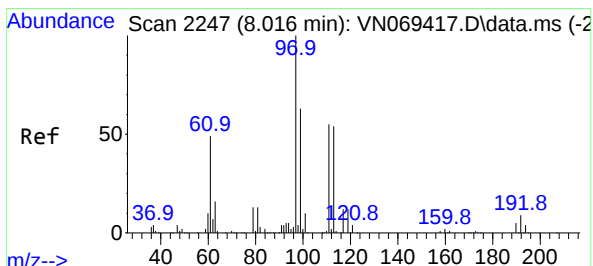
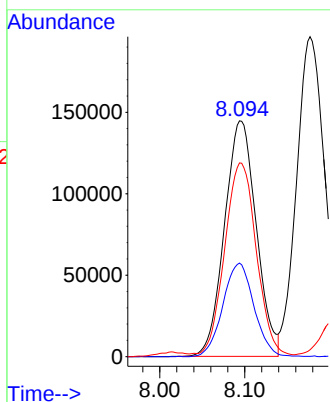
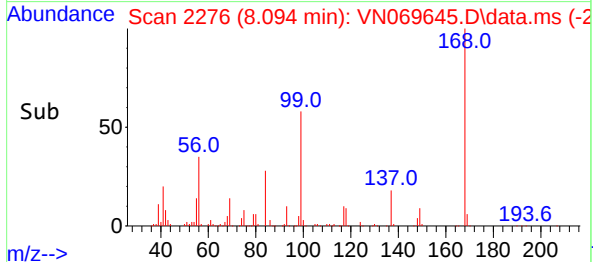
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



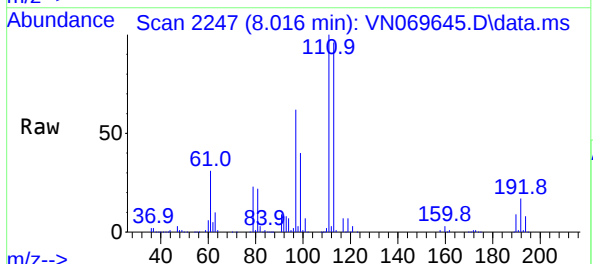
Tgt Ion: 56 Resp: 37624
Ion Ratio Lower Upper
56 100
69 39.6 27.1 40.7
84 80.7 73.4 110.0

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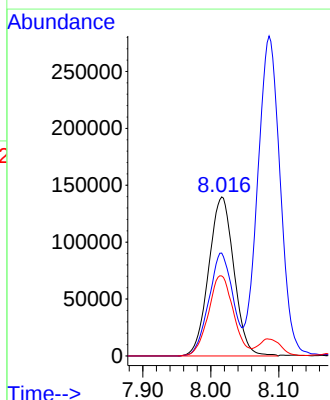
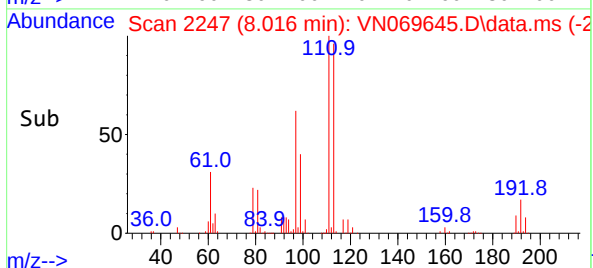
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

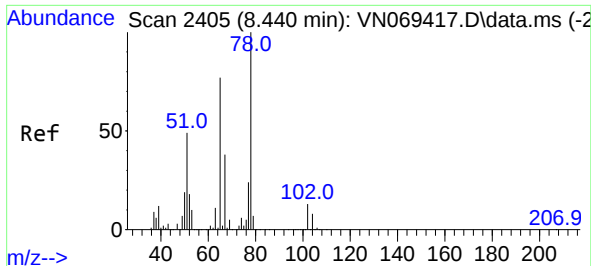


#32
1,1,1-Trichloroethane
Concen: 19.901 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



Tgt Ion: 97 Resp: 360777
Ion Ratio Lower Upper
97 100
99 61.4 50.1 75.1
61 50.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.806 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1124MBS01

Tgt Ion: 65 Resp: 825009

Ion Ratio Lower Upper

65 100

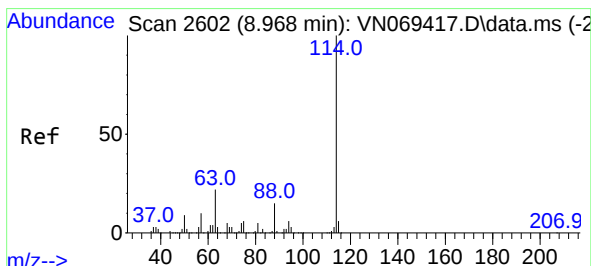
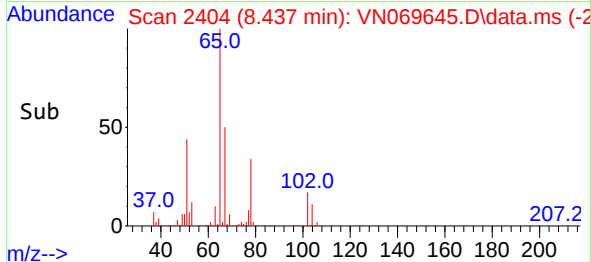
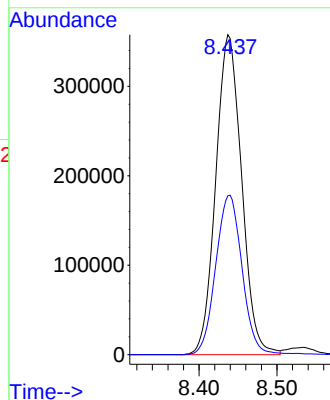
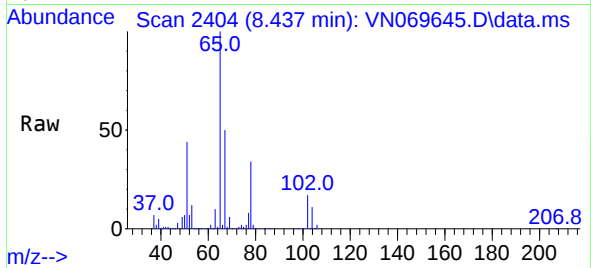
67 50.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

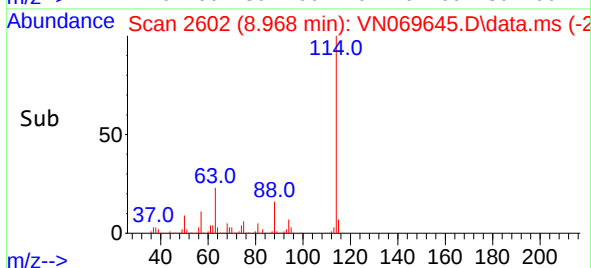
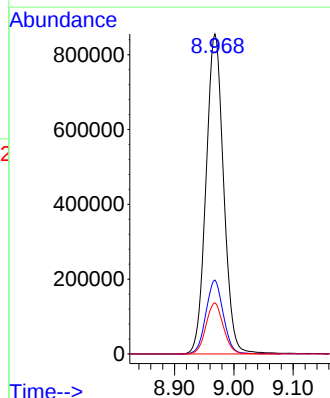
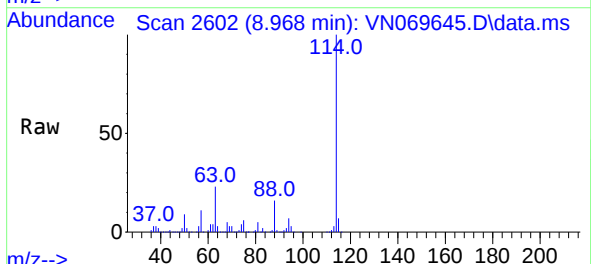
Tgt Ion:114 Resp: 1760707

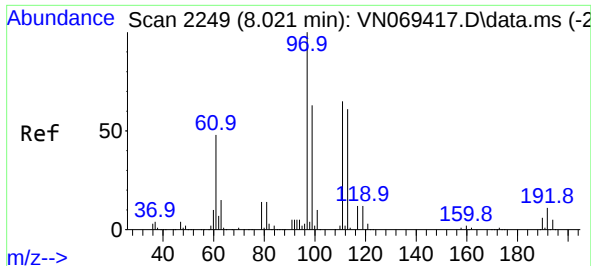
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

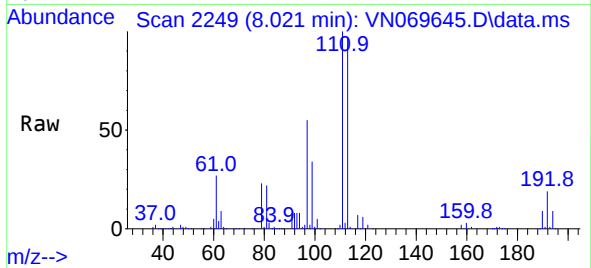
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.710 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

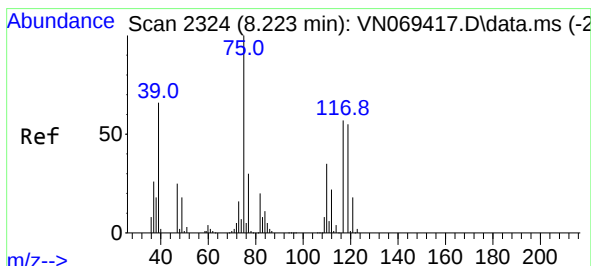
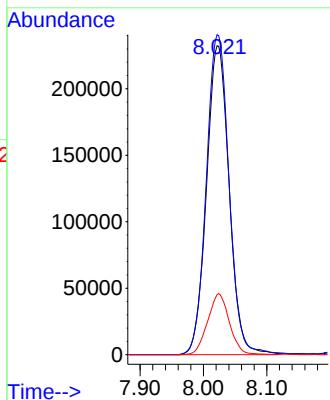
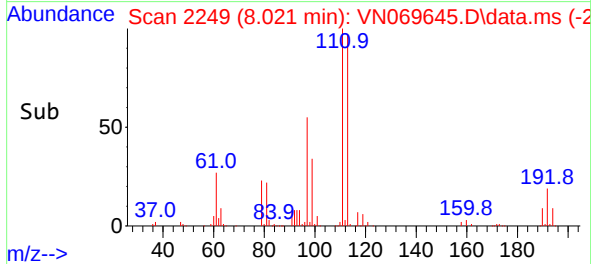
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



Tgt Ion: 113 Resp: 57773
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.0 16.9 25.3

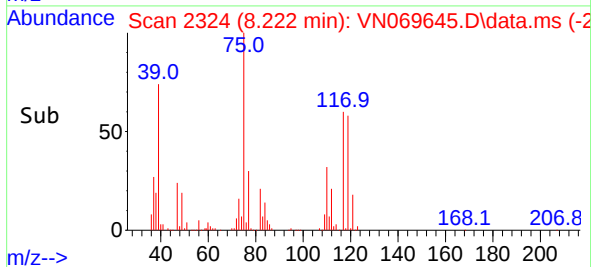
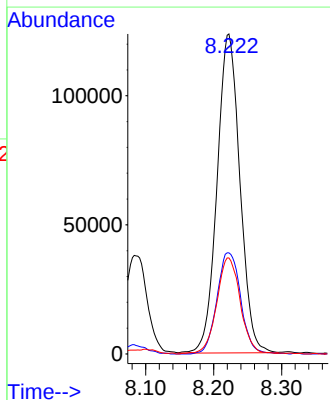
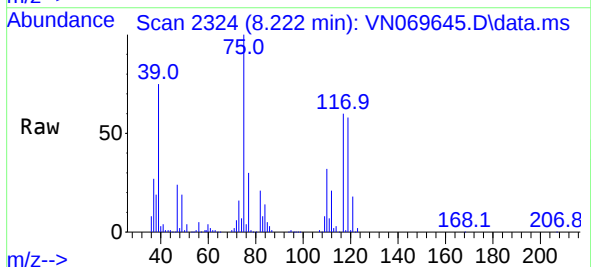
Manual Integrations
APPROVED

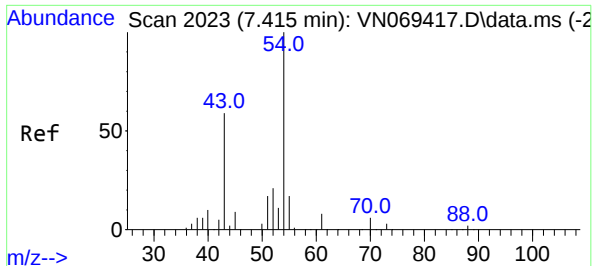
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#36
1,1-Dichloropropene
Concen: 19.503 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

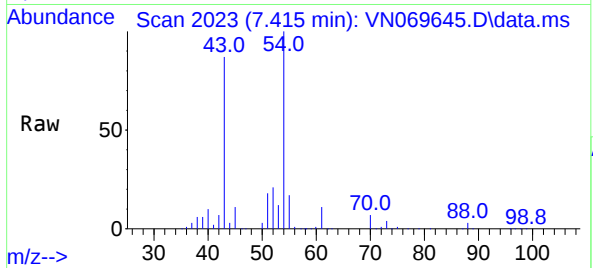
Tgt Ion: 75 Resp: 288937
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 21.280 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

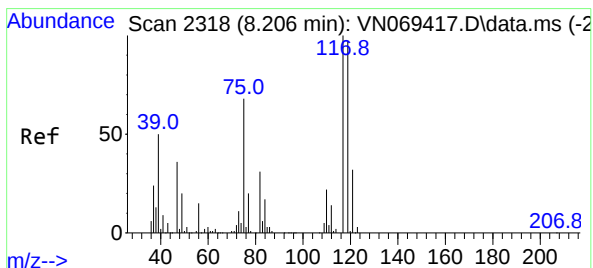
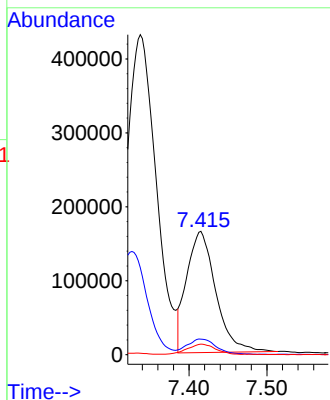
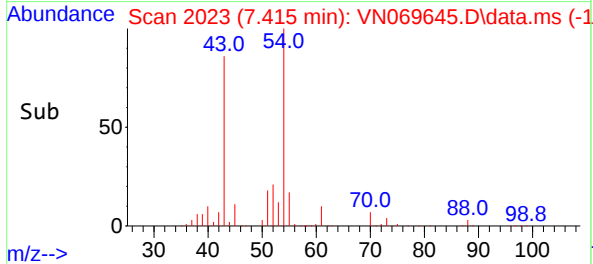
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



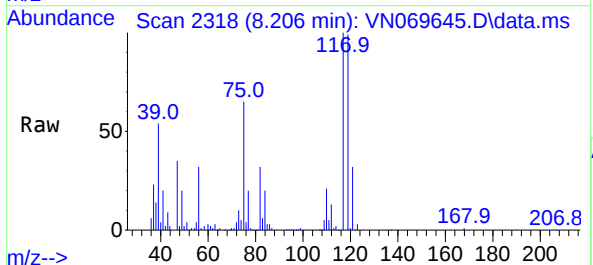
Tgt Ion: 43 Resp: 426179
Ion Ratio Lower Upper
43 100
61 12.7 11.5 17.3
70 8.0 7.9 11.9

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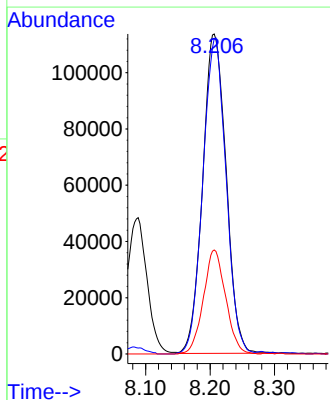
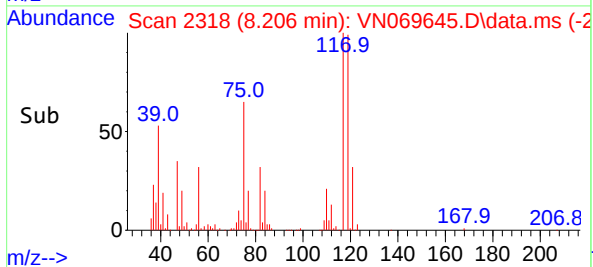
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

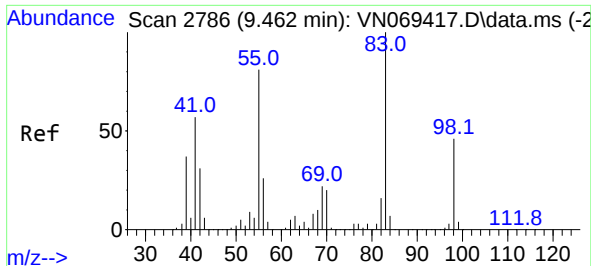


#38
Carbon Tetrachloride
Concen: 20.092 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



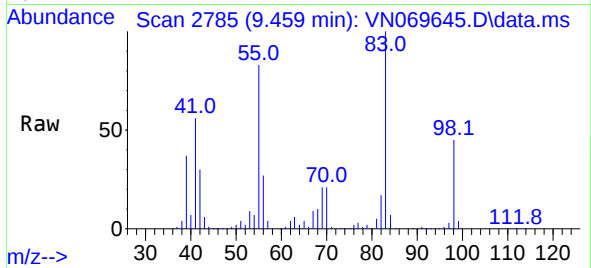
Tgt Ion:117 Resp: 287379
Ion Ratio Lower Upper
117 100
119 98.5 76.1 114.1
121 32.6 24.2 36.2





#39
Methylcyclohexane
Concen: 17.913 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

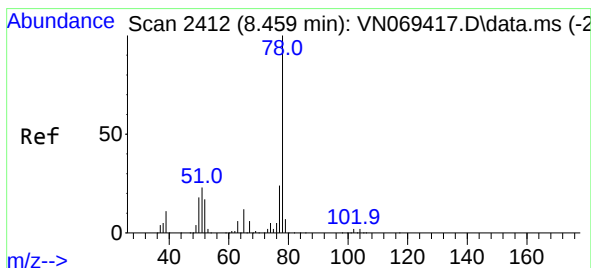
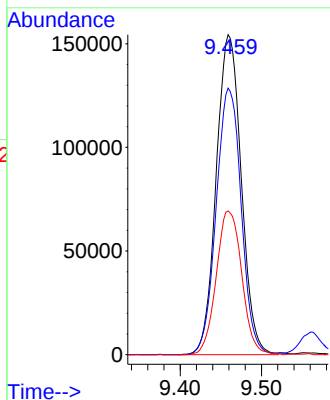
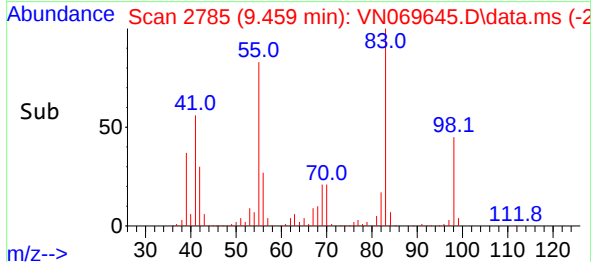
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



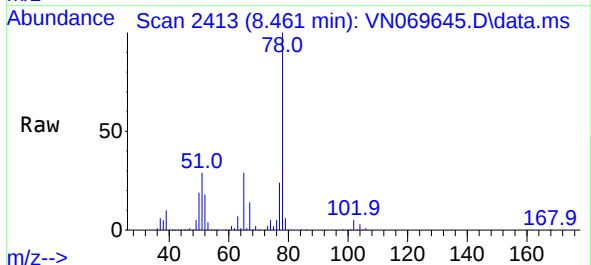
Tgt Ion: 83 Resp: 330130
Ion Ratio Lower Upper
83 100
55 83.3 58.1 87.1
98 44.9 38.4 57.6

Manual Integrations
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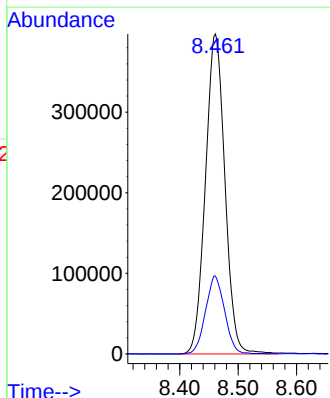
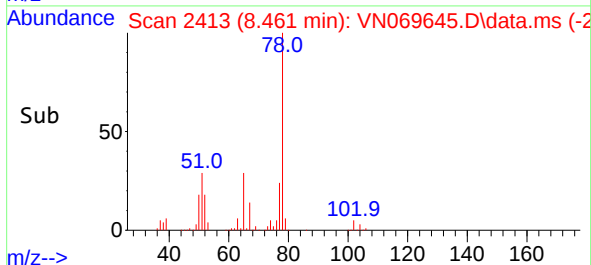
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

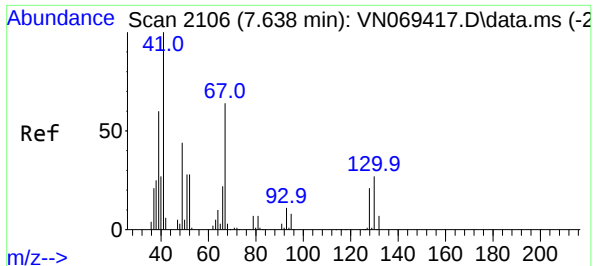


#40
Benzene
Concen: 20.105 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



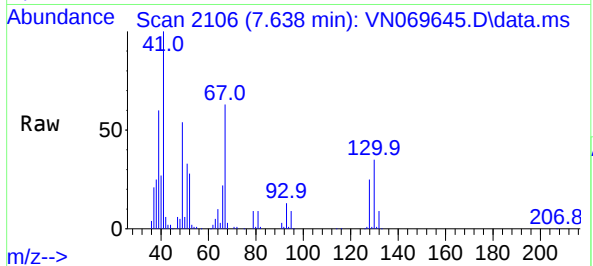
Tgt Ion: 78 Resp: 919408
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8





#41
Methacrylonitrile
Concen: 20.973 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

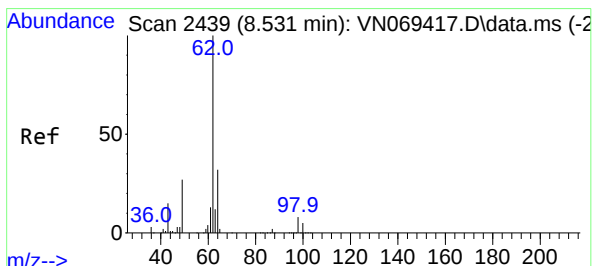
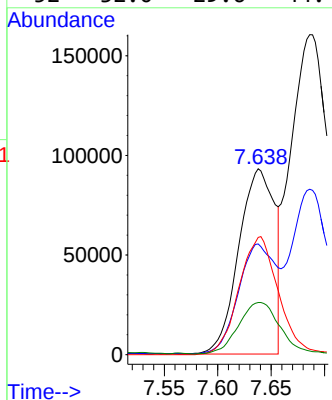
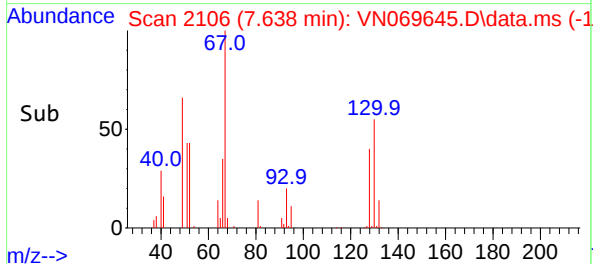
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



Tgt Ion: 41 Resp: 21703
Ion Ratio Lower Upper
41 100
39 63.0 48.1 72.1
67 70.1 68.3 102.5
52 32.0 29.6 44.4

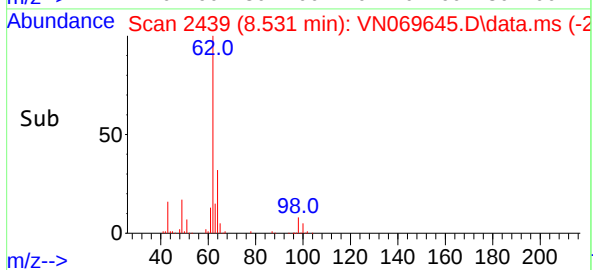
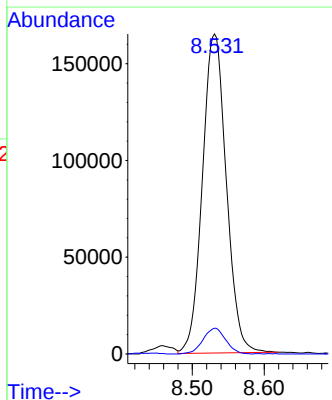
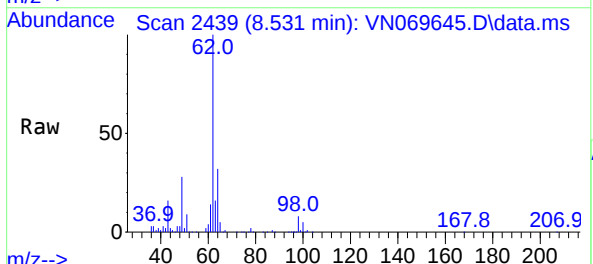
Manual Integrations
APPROVED

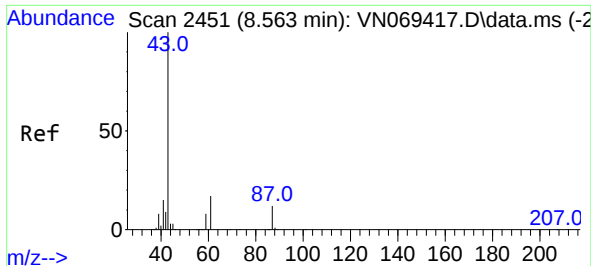
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#42
1,2-Dichloroethane
Concen: 21.300 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

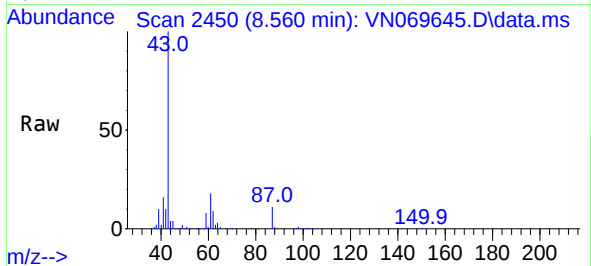
Tgt Ion: 62 Resp: 381387
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.173 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

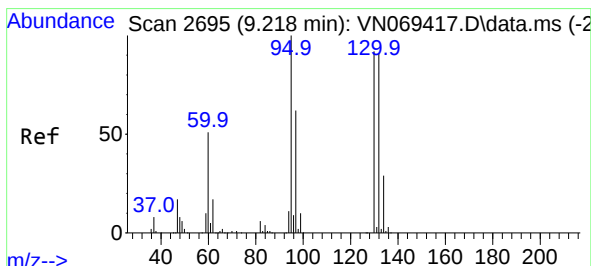
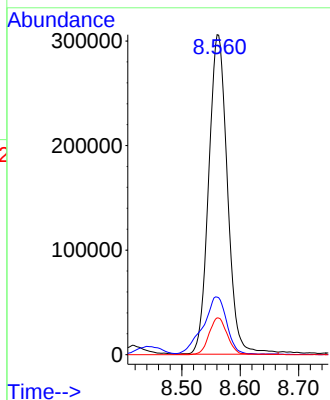
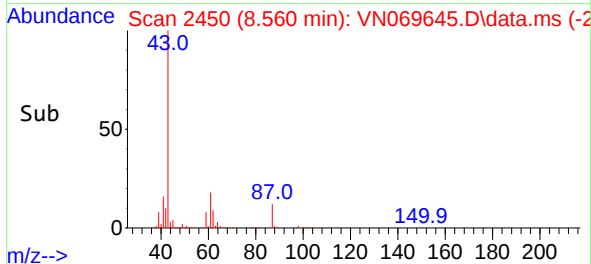
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



Tgt Ion: 43 Resp: 68107
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 11.3 11.2 16.8

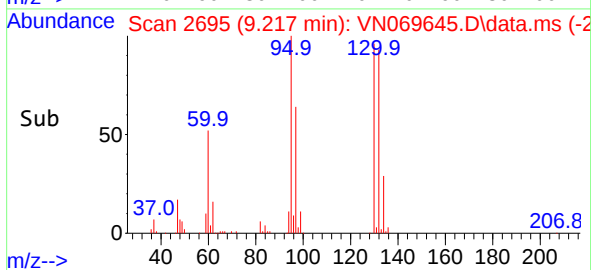
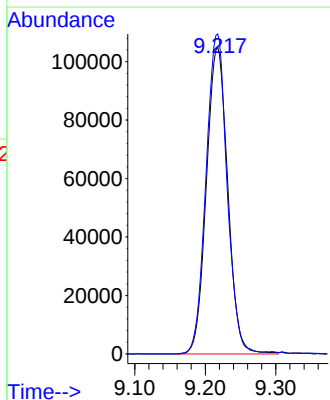
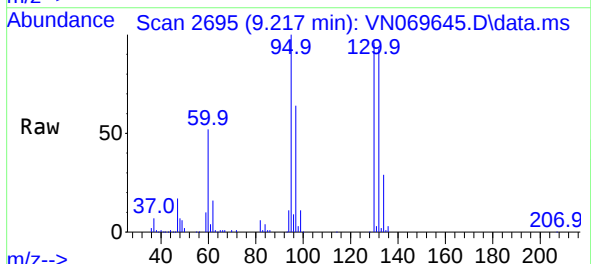
Manual Integrations
APPROVED

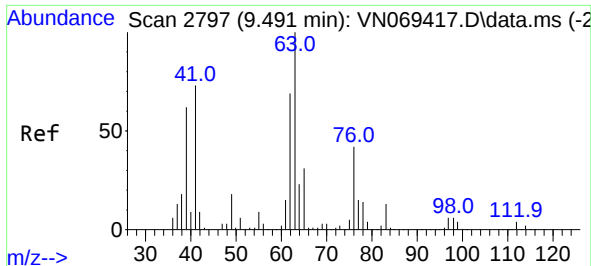
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#44
Trichloroethene
Concen: 20.132 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Tgt Ion:130 Resp: 220337
Ion Ratio Lower Upper
130 100
95 104.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.909 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1124MBS01

Tgt Ion: 63 Resp: 255450

Ion Ratio Lower Upper

63 100

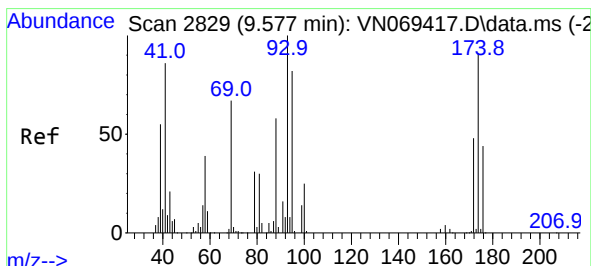
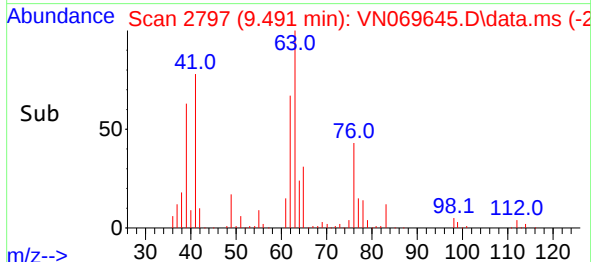
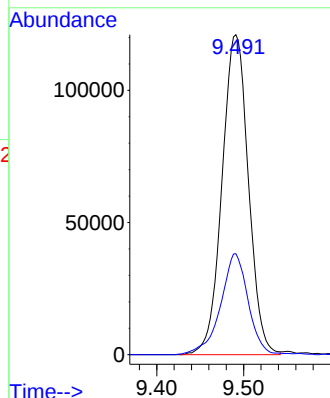
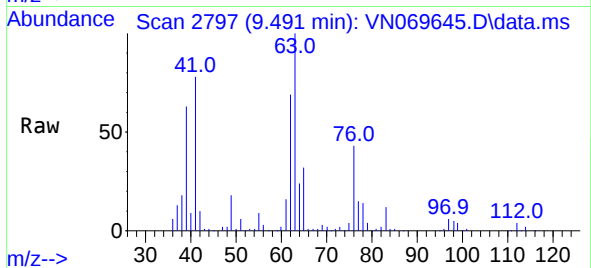
65 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#46

Dibromomethane

Concen: 20.495 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

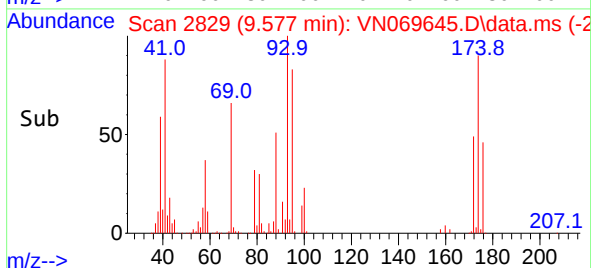
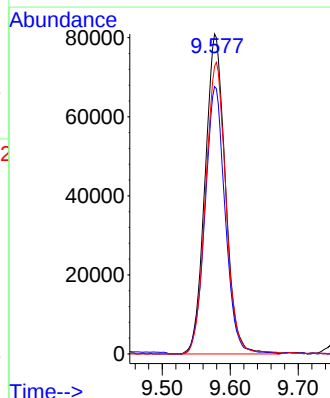
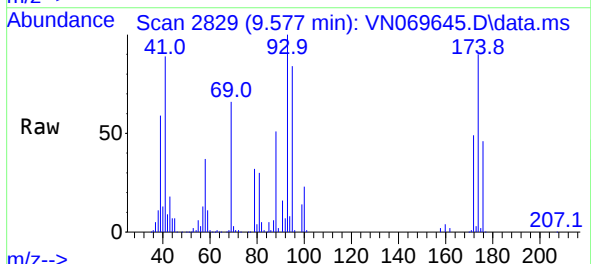
Tgt Ion: 93 Resp: 167719

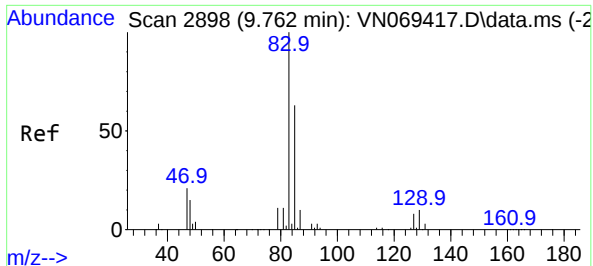
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

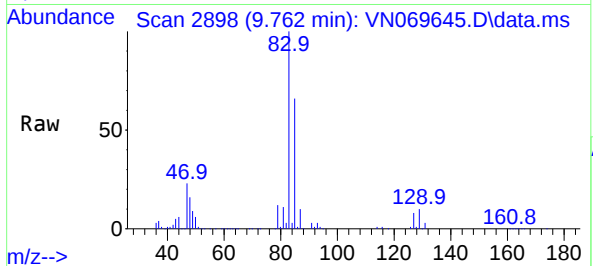
174 91.1 84.6 127.0





#47
Bromodichloromethane
Concen: 20.988 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

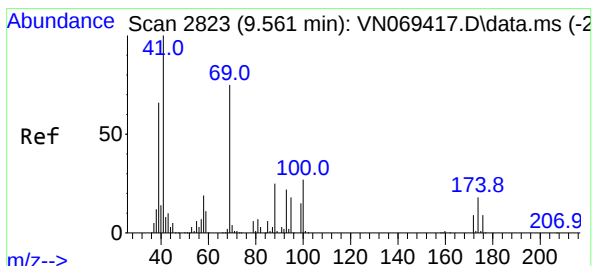
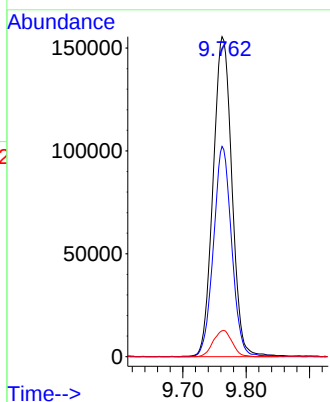
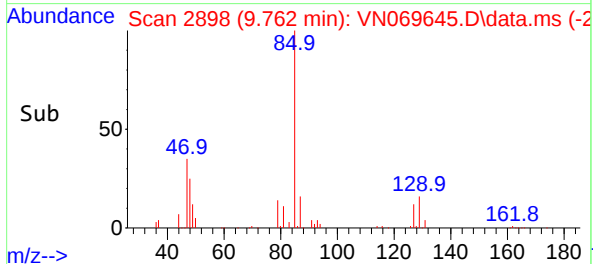
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



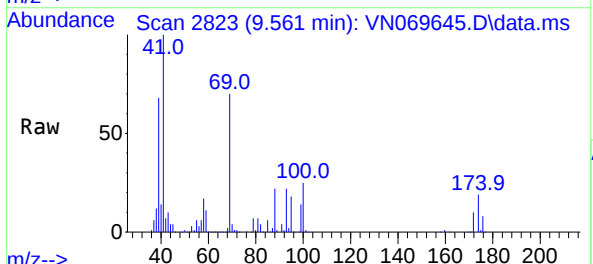
Tgt Ion: 83 Resp: 32050
Ion Ratio Lower Upper
83 100
85 65.7 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
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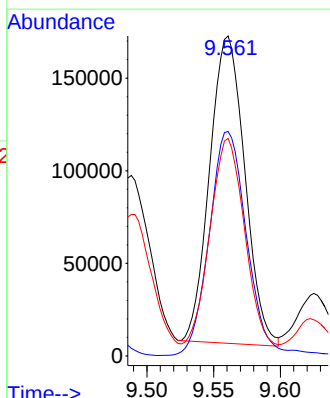
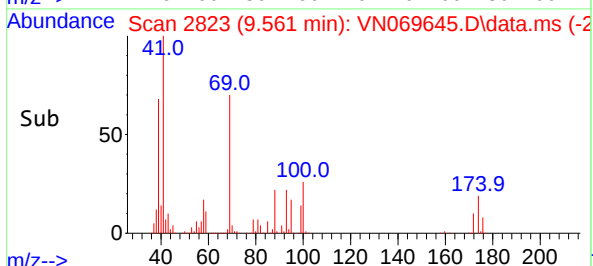
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

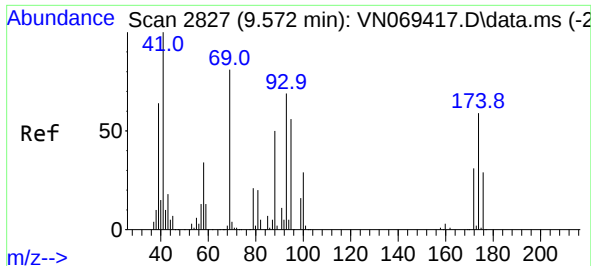


#48
Methyl methacrylate
Concen: 20.047 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



Tgt Ion: 41 Resp: 303402
Ion Ratio Lower Upper
41 100
69 77.9 72.4 108.6
39 72.3 58.4 87.6





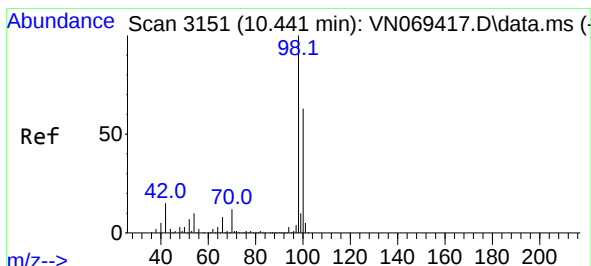
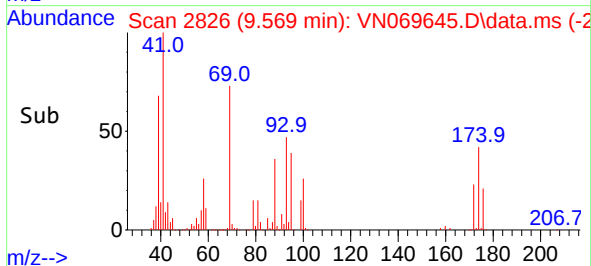
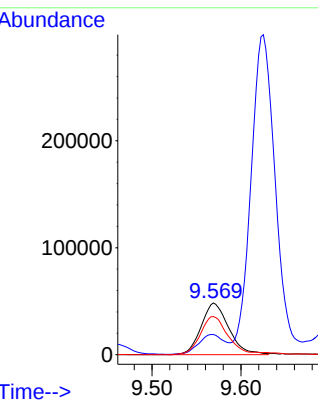
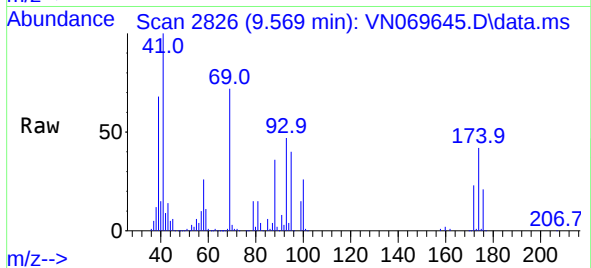
#49
1,4-Dioxane
Concen: 372.473 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion: 88 Resp: 104064
Ion Ratio Lower Upper
88 100
43 36.3 23.4 35.2
58 76.7 50.6 75.8

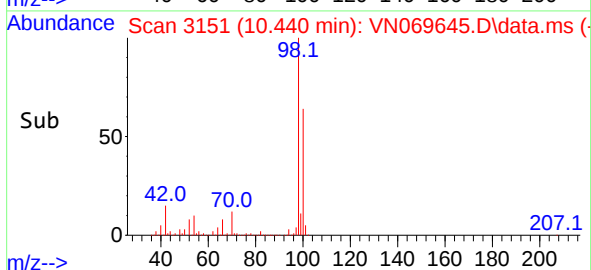
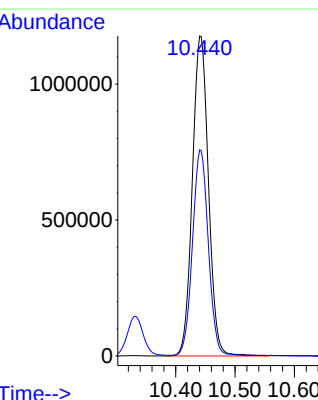
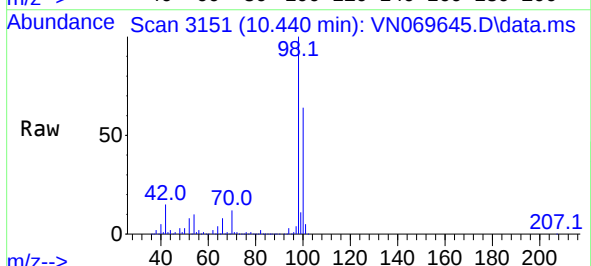
Manual Integrations
APPROVED

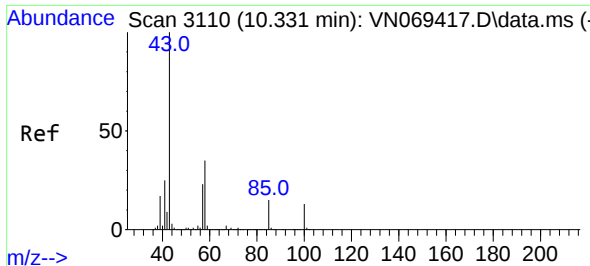
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#50
Toluene-d8
Concen: 53.339 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Tgt Ion: 98 Resp: 2215295
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6





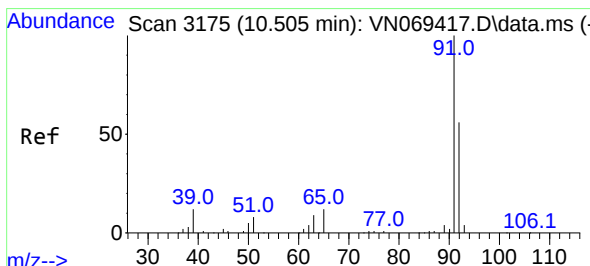
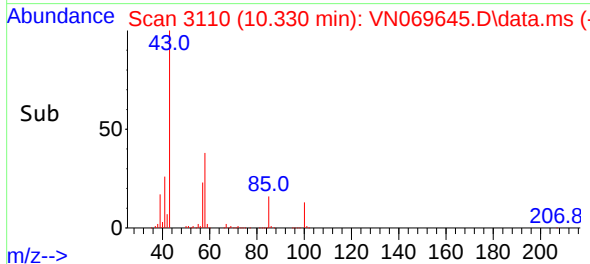
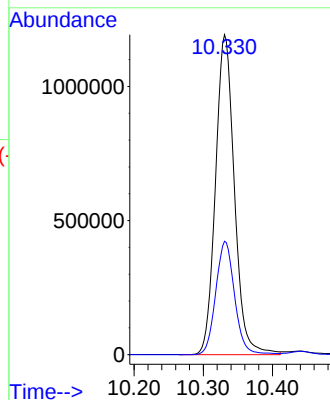
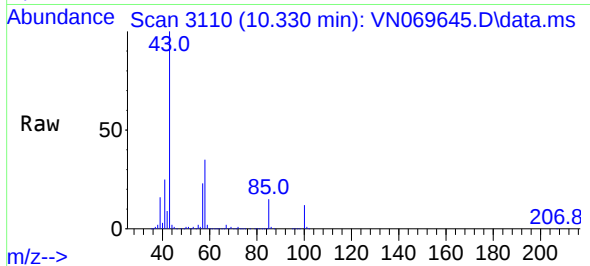
#51
4-Methyl-2-Pentanone
Concen: 108.925 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion: 43 Resp: 2261660
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

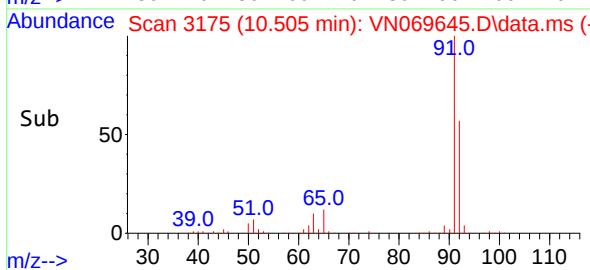
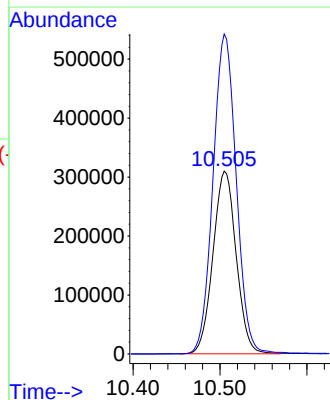
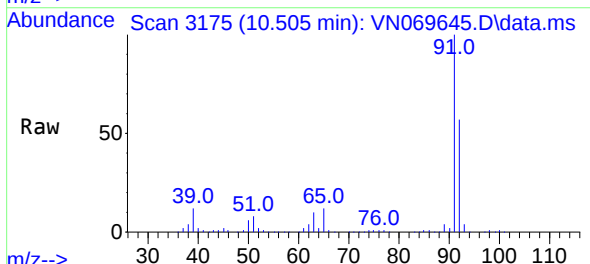
Manual Integrations
APPROVED

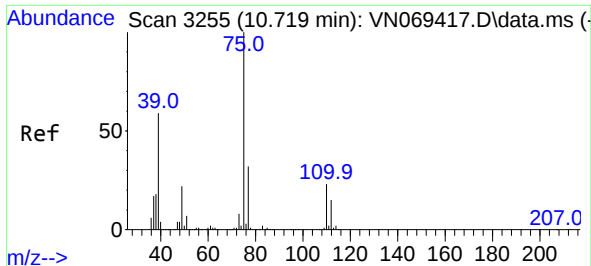
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#52
Toluene
Concen: 20.134 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

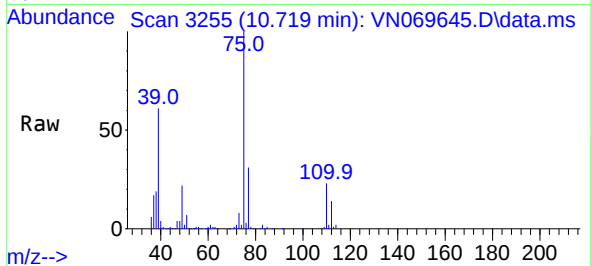
Tgt Ion: 92 Resp: 573595
Ion Ratio Lower Upper
92 100
91 176.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.826 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

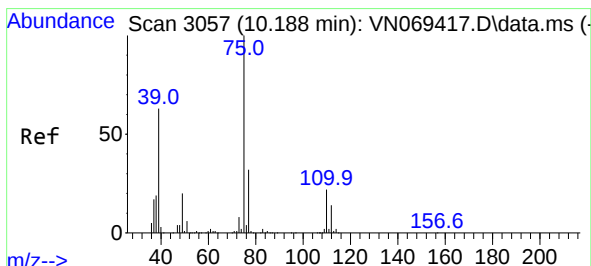
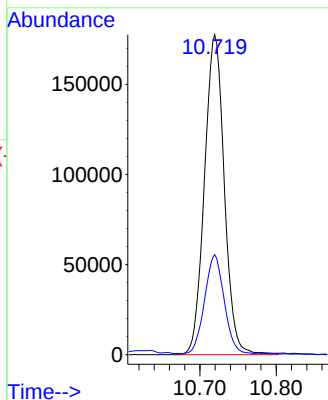
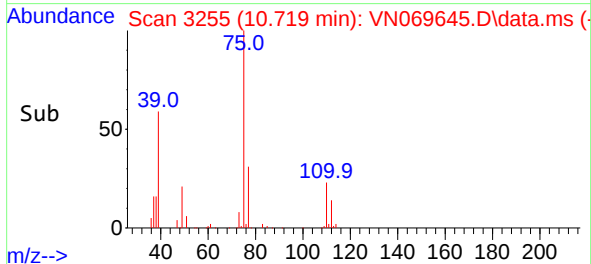
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



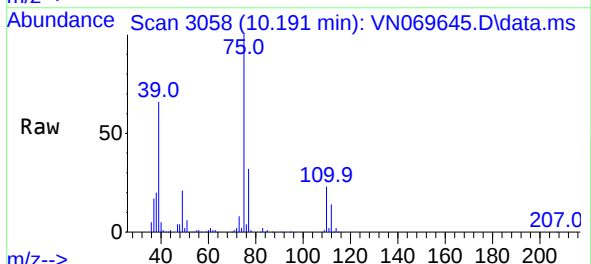
Tgt Ion: 75 Resp: 320884
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

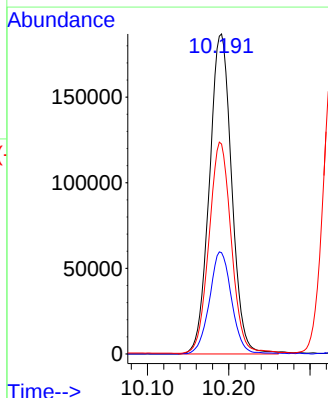
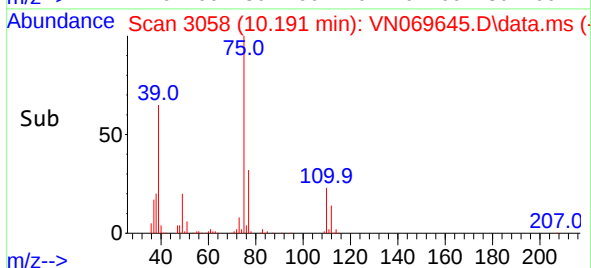
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

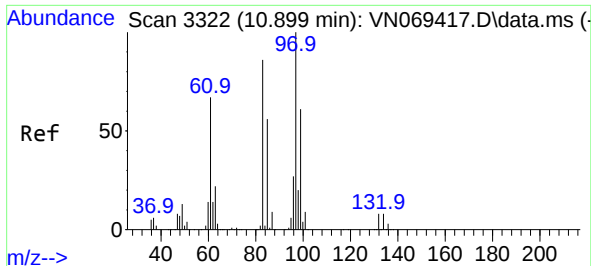


#54
cis-1,3-Dichloropropene
Concen: 19.097 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



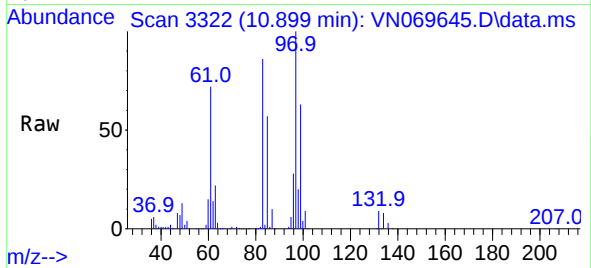
Tgt Ion: 75 Resp: 355895
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 65.4 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 21.475 ug/l
RT: 10.899 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

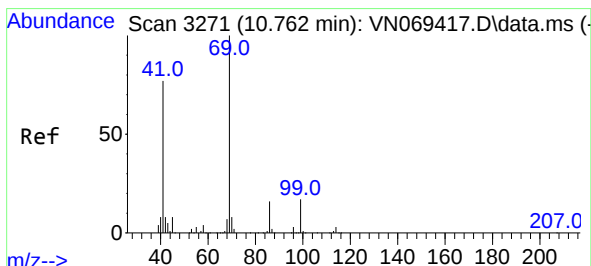
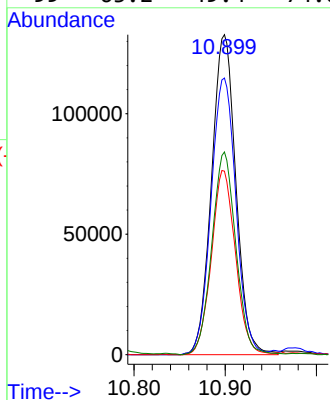
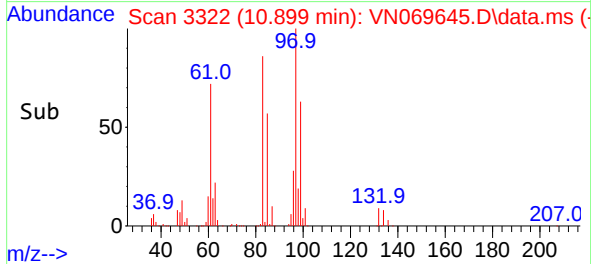
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



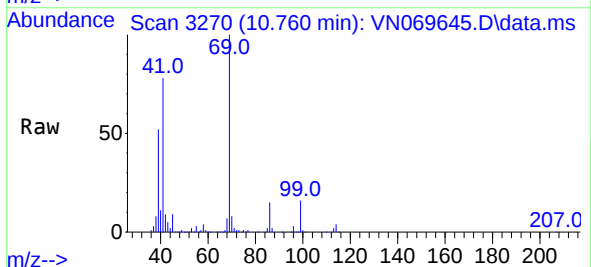
Tgt Ion: 97 Resp: 246615
Ion Ratio Lower Upper
97 100
83 86.4 67.8 101.6
85 57.3 45.4 68.2
99 63.2 49.4 74.0

Manual Integrations
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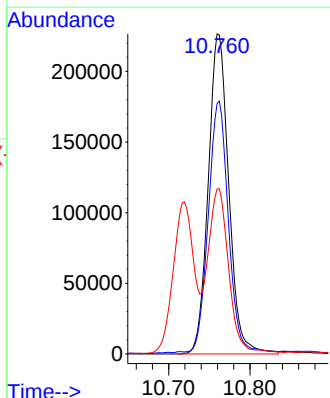
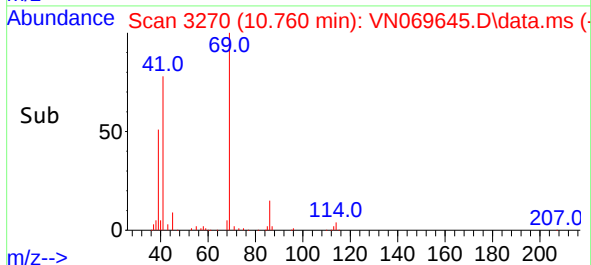
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#56
Ethyl methacrylate
Concen: 19.629 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



Tgt Ion: 69 Resp: 396669
Ion Ratio Lower Upper
69 100
41 76.1 51.4 77.0
39 50.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 21.120 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069645.D

Acq: 24 Nov 2021 16:23

Instrument :

MSVOA_N

ClientSampleId :

VN1124MBS01

Tgt Ion: 76 Resp: 42620

Ion Ratio Lower Upper

76 100

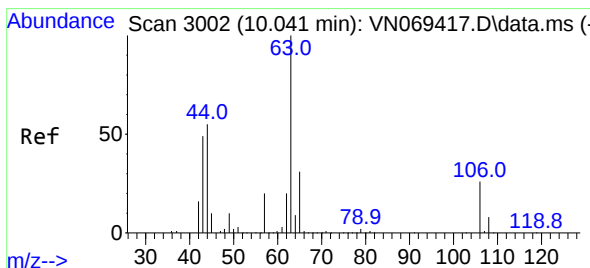
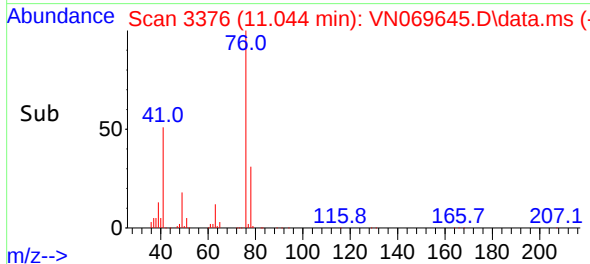
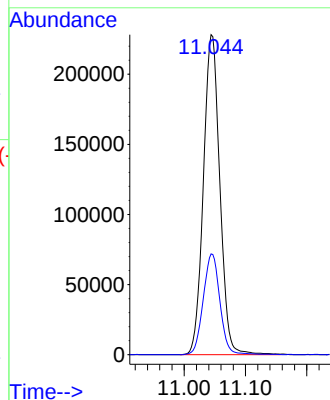
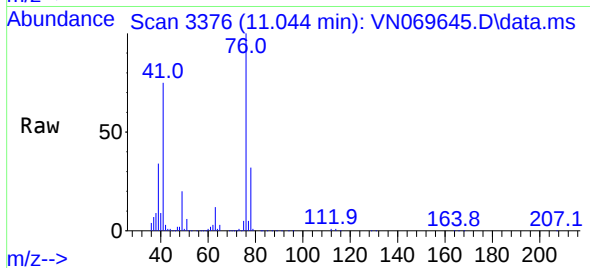
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#58

2-Chloroethyl Vinyl ether

Concen: 81.332 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069645.D

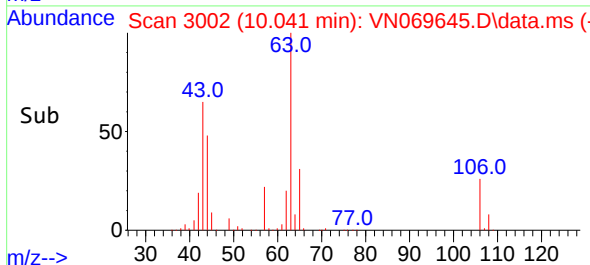
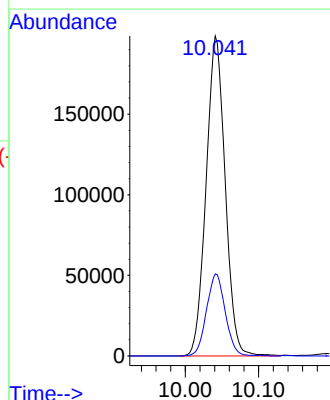
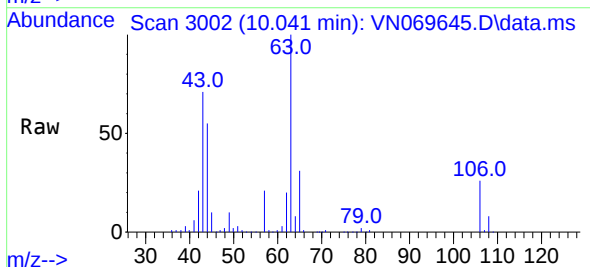
Acq: 24 Nov 2021 16:23

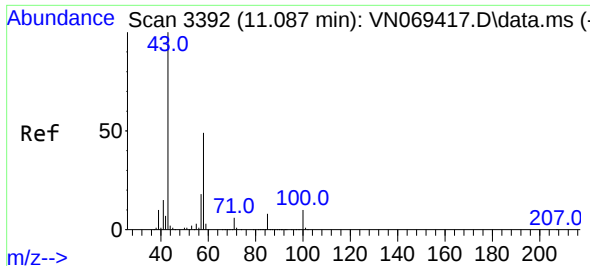
Tgt Ion: 63 Resp: 358539

Ion Ratio Lower Upper

63 100

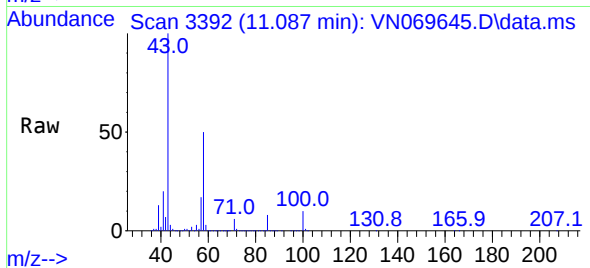
106 25.1 23.9 35.9





#59
2-Hexanone
Concen: 96.435 ug/l
RT: 11.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

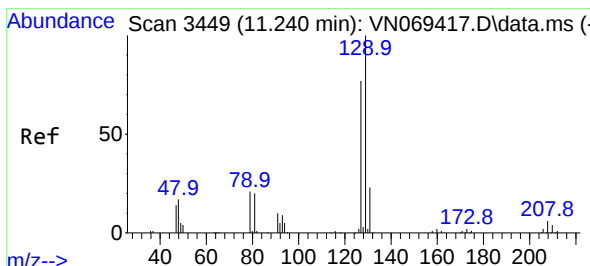
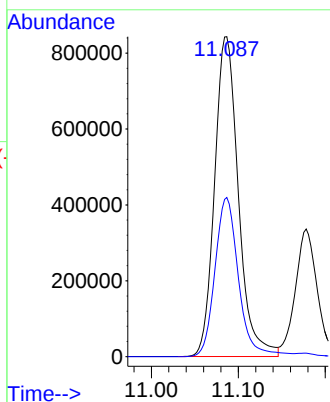
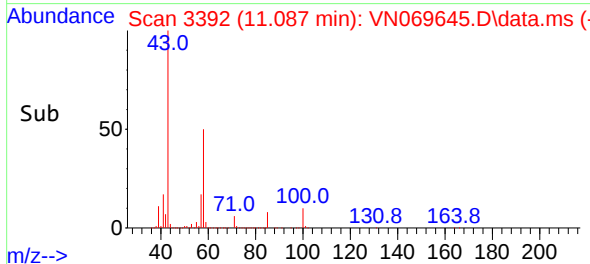
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



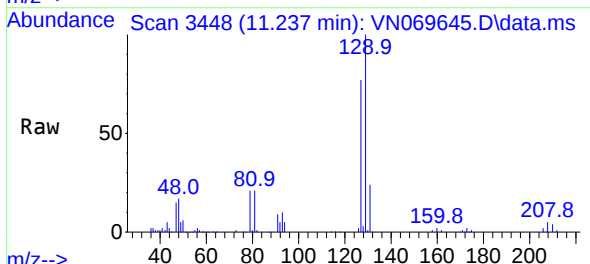
Tgt Ion: 43 Resp: 160230
Ion Ratio Lower Upper
43 100
58 49.4 26.9 80.7

Manual Integrations
APPROVED

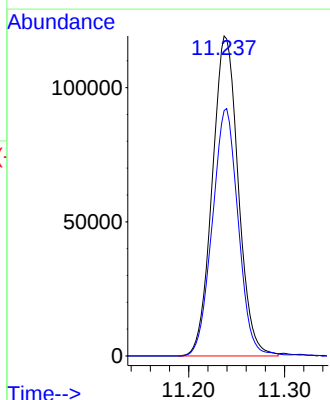
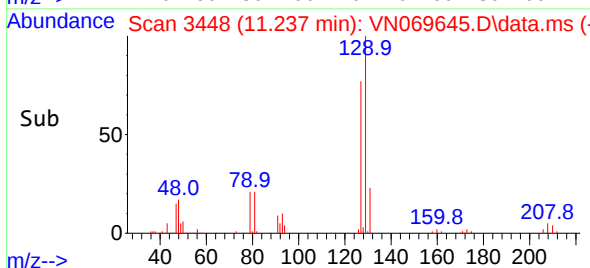
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

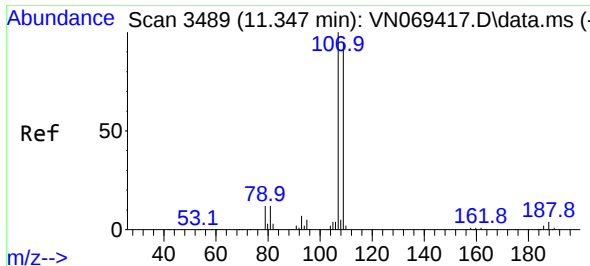


#60
Dibromochloromethane
Concen: 19.374 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



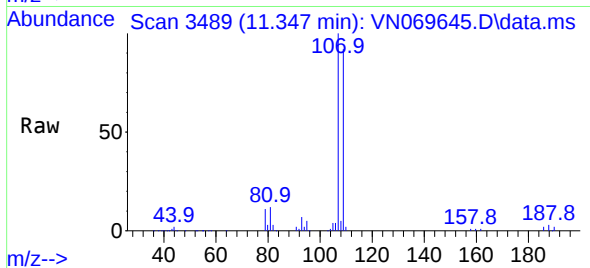
Tgt Ion:129 Resp: 224592
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.488 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

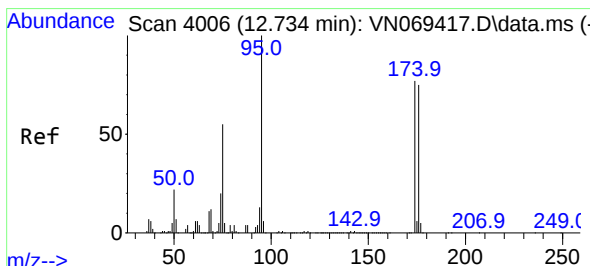
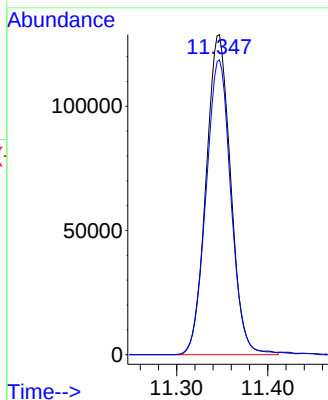
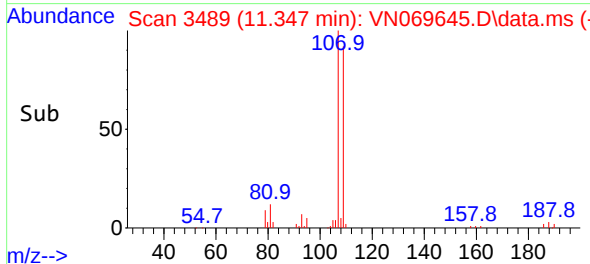
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



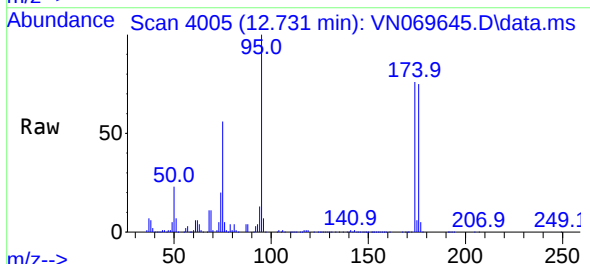
Tgt Ion:107 Resp: 241238
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

Manual Integrations
APPROVED

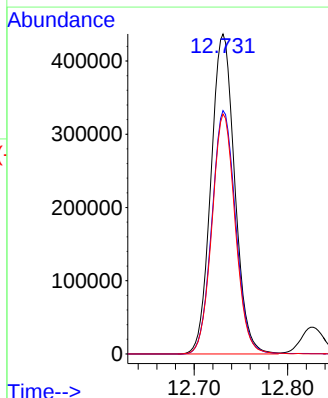
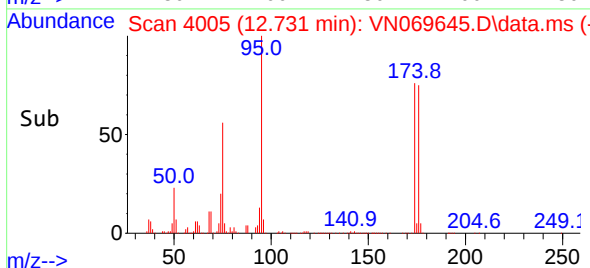
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

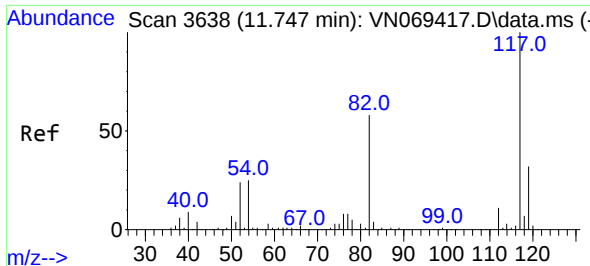


#62
4-Bromofluorobenzene
Concen: 50.682 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



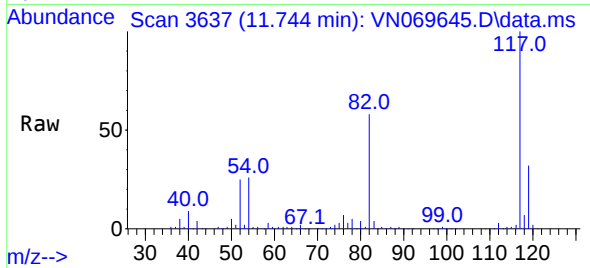
Tgt Ion: 95 Resp: 773277
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

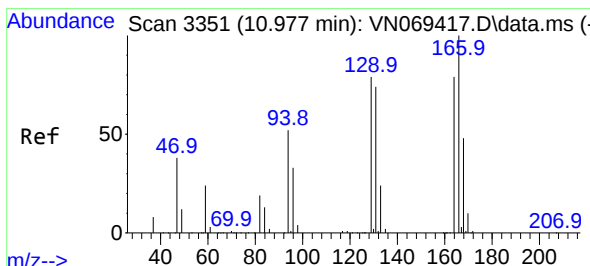
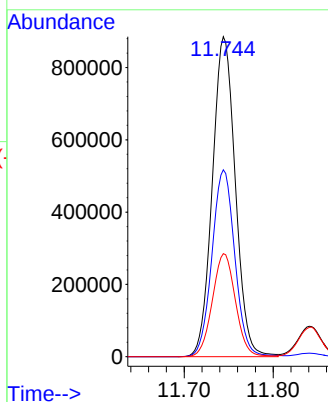
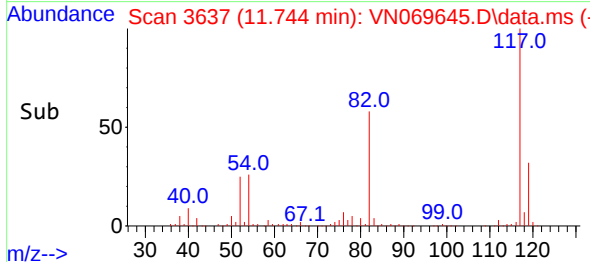
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



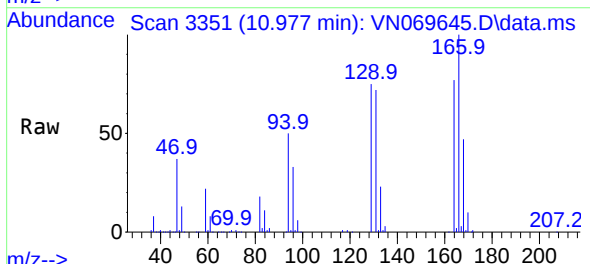
Tgt Ion:117 Resp: 158957
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

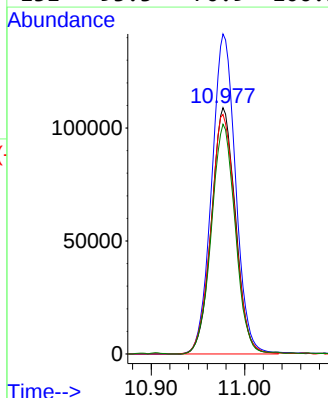
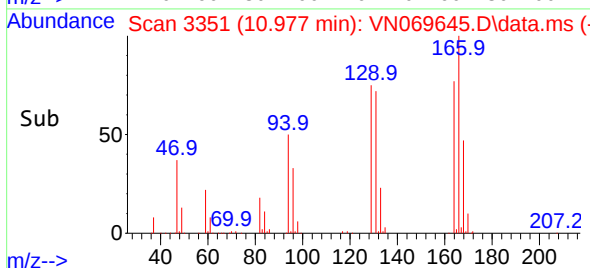
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

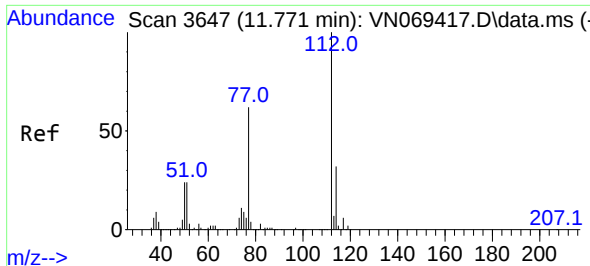


#64
Tetrachloroethene
Concen: 20.271 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



Tgt Ion:164 Resp: 194559
Ion Ratio Lower Upper
164 100
166 130.0 101.9 152.9
129 97.3 72.0 108.0
131 93.3 70.9 106.3





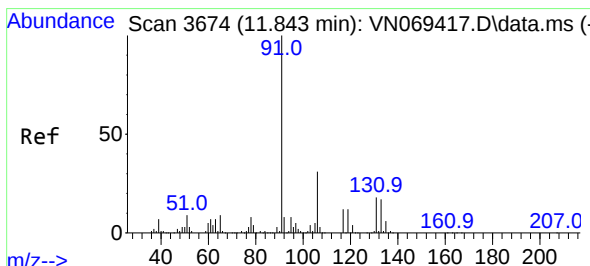
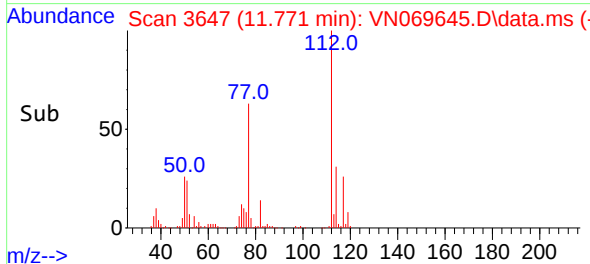
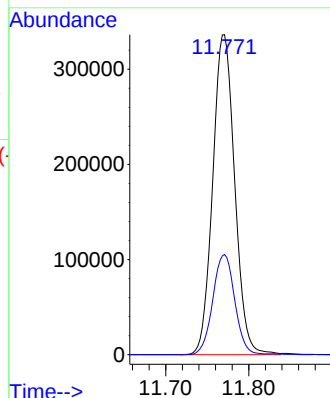
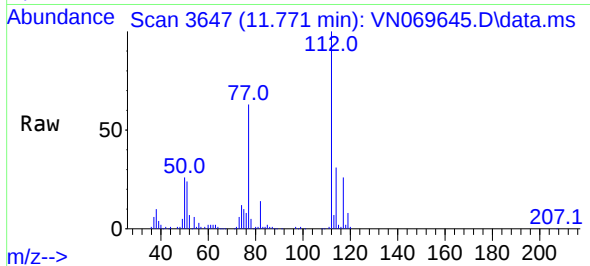
#65
Chlorobenzene
Concen: 20.887 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion:112 Resp: 61800
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0

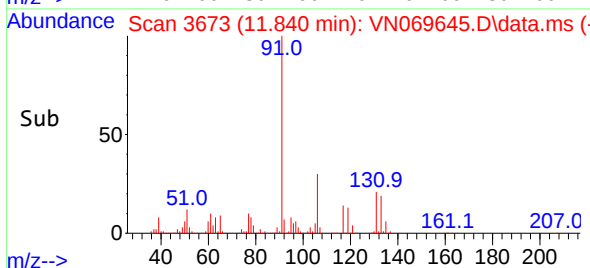
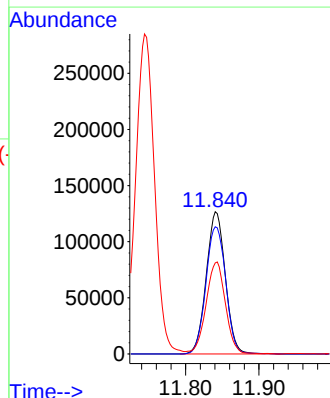
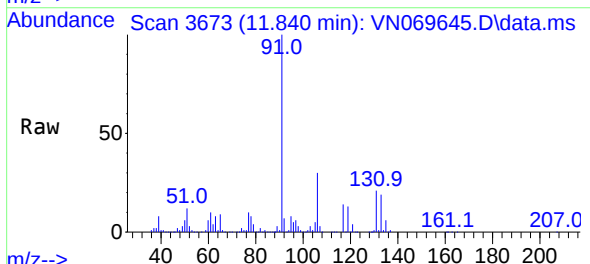
Manual Integrations
APPROVED

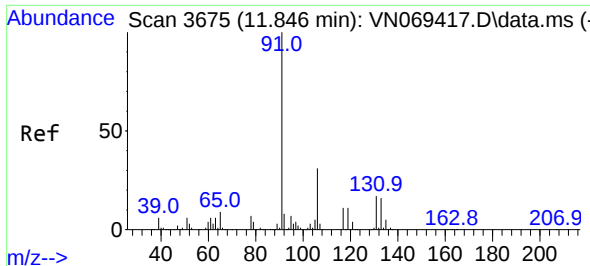
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 22.349 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

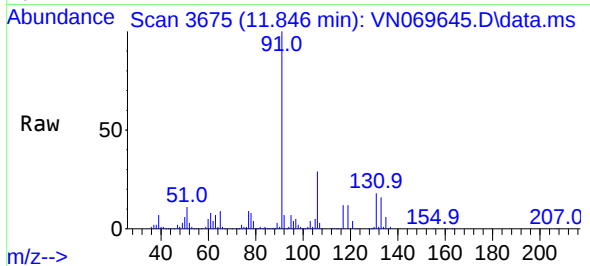
Tgt Ion:131 Resp: 229353
Ion Ratio Lower Upper
131 100
133 93.1 47.9 143.7
119 65.1 32.1 96.5





#67
Ethyl Benzene
Concen: 20.670 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

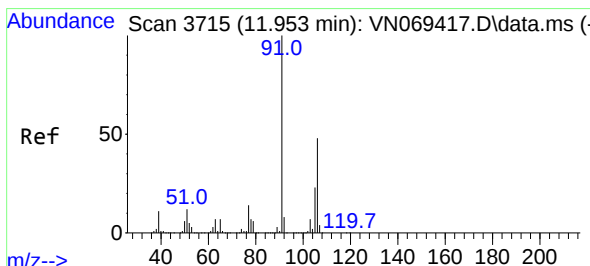
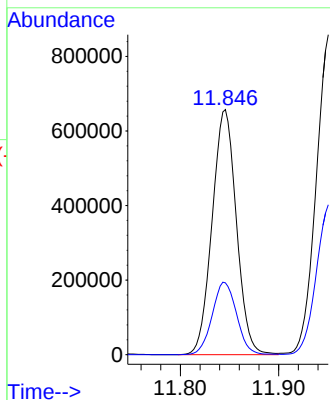
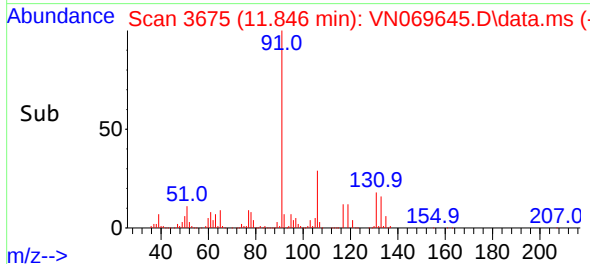
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



Tgt Ion: 91 Resp: 112793
Ion Ratio Lower Upper
91 100
106 29.3 25.7 38.5

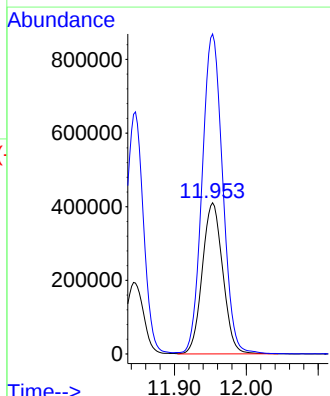
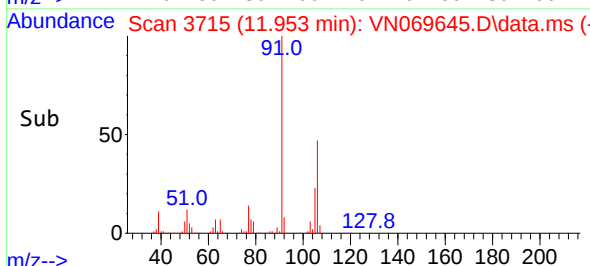
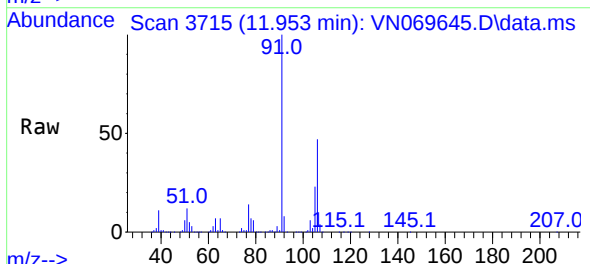
Manual Integrations
APPROVED

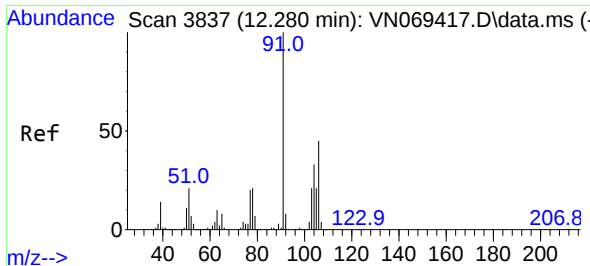
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#68
m/p-Xylenes
Concen: 40.480 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

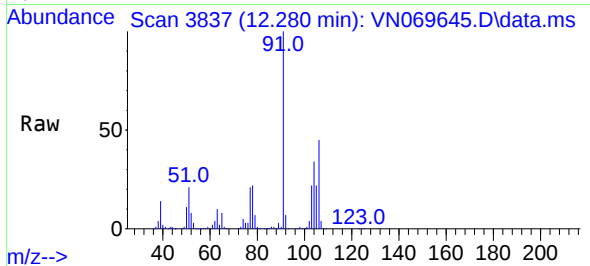
Tgt Ion:106 Resp: 812420
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8





#69
o-Xylene
Concen: 20.711 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

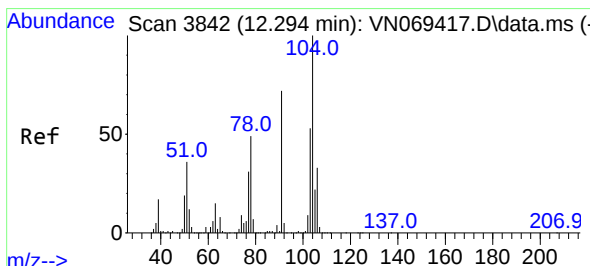
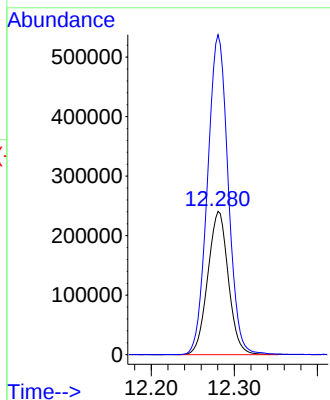
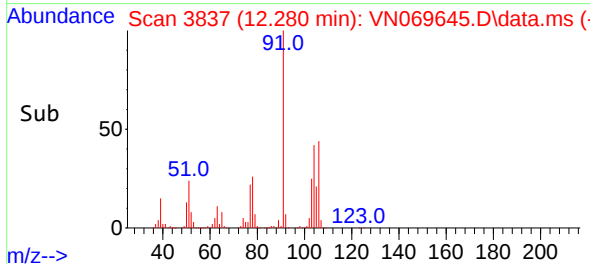
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



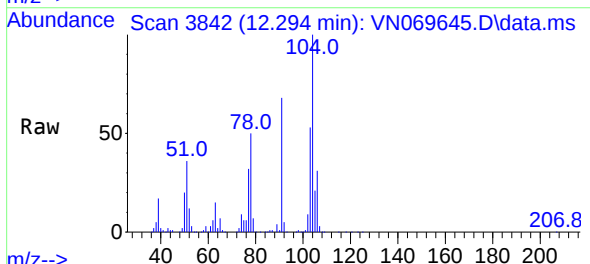
Tgt Ion:106 Resp: 414379
Ion Ratio Lower Upper
106 100
91 224.2 105.8 317.3

Manual Integrations
APPROVED

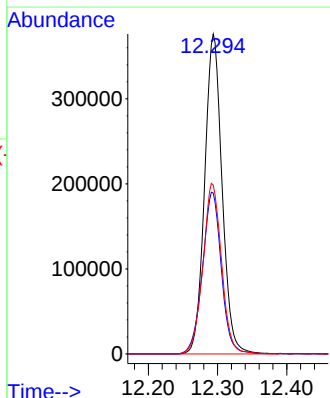
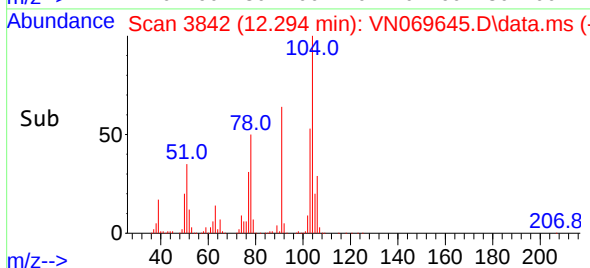
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

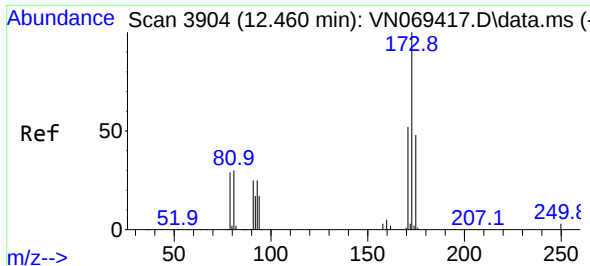


#70
Styrene
Concen: 19.278 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



Tgt Ion:104 Resp: 657932
Ion Ratio Lower Upper
104 100
78 54.7 38.7 58.1
103 57.0 45.0 67.6





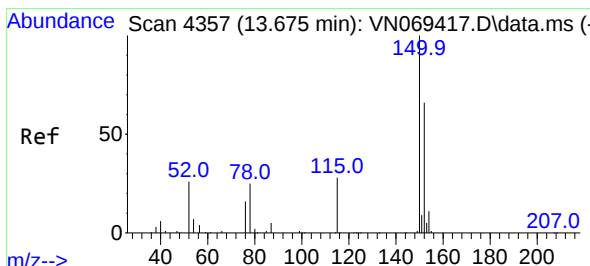
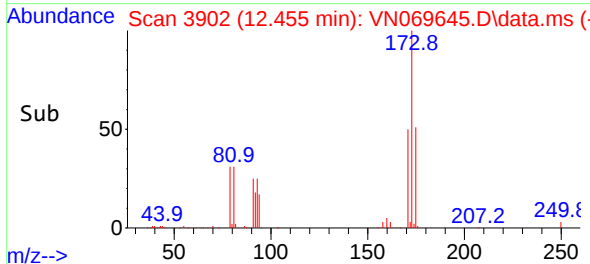
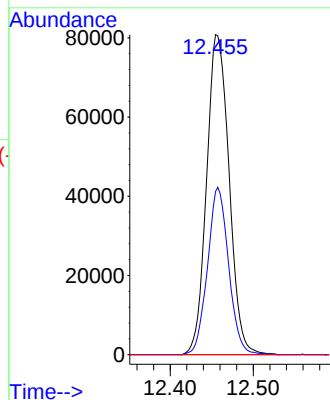
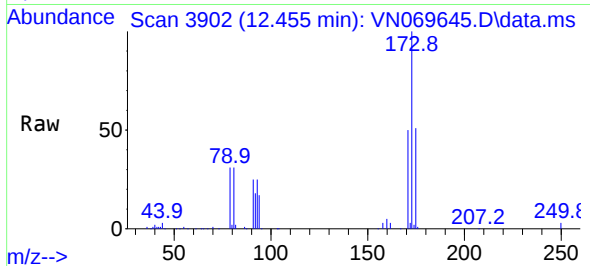
#71
Bromoform
Concen: 19.338 ug/l
RT: 12.455 min Scan# 3904
Delta R.T. -0.005 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion:173 Resp: 152214
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

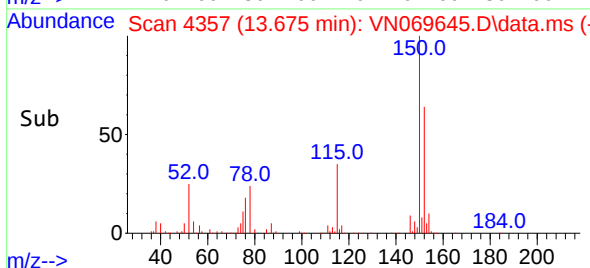
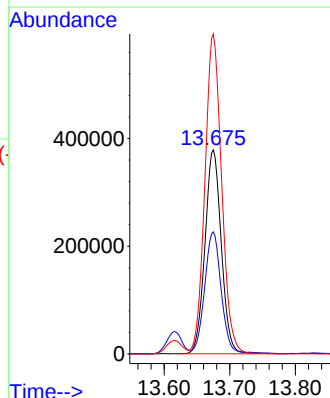
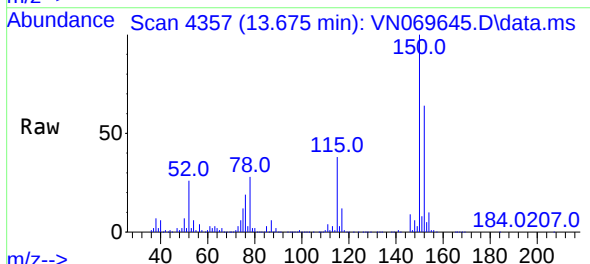
Manual Integrations
APPROVED

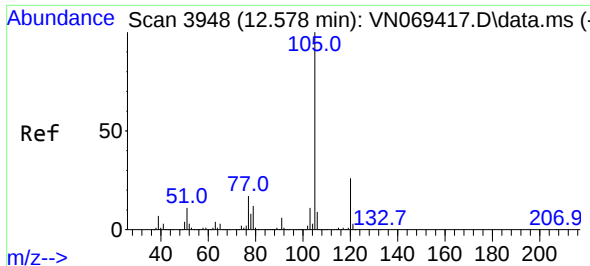
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

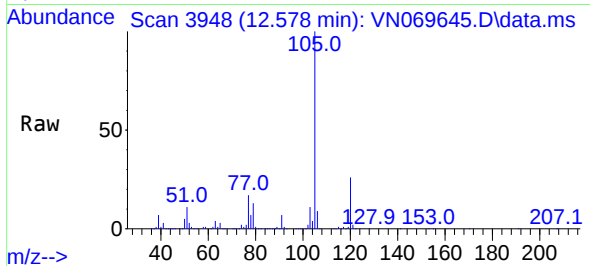
Tgt Ion:152 Resp: 654137
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 160.8 0.0 344.4





#73
Isopropylbenzene
Concen: 21.171 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

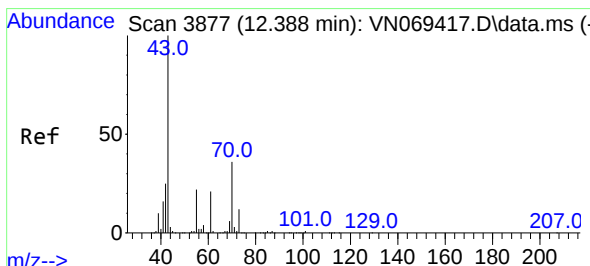
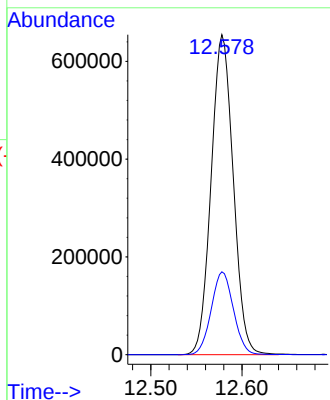
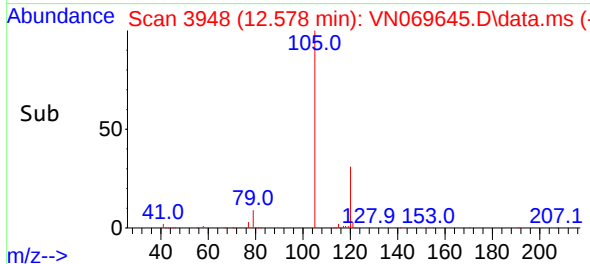
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



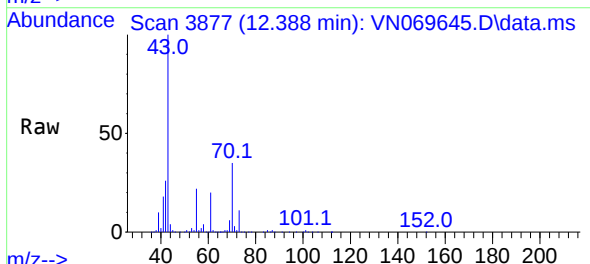
Tgt Ion:105 Resp: 1102630
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
APPROVED

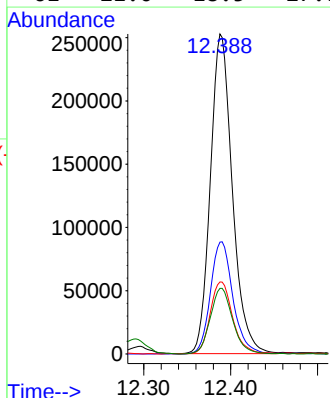
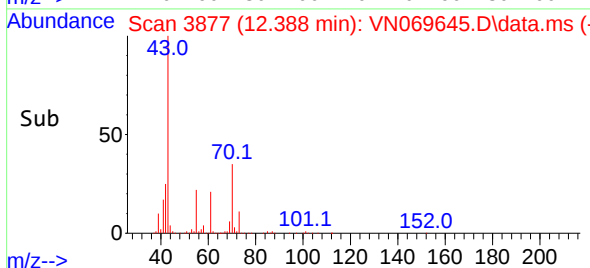
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

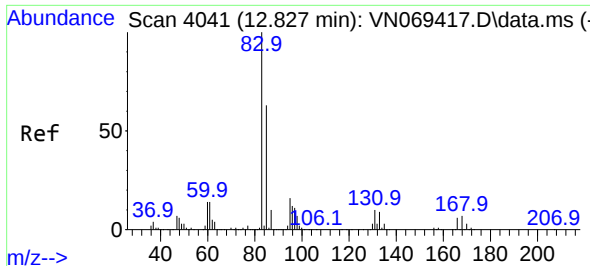


#74
N-ethyl acetate
Concen: 20.082 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



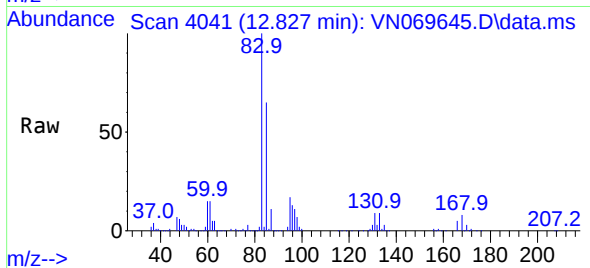
Tgt Ion: 43 Resp: 443256
Ion Ratio Lower Upper
43 100
70 36.0 33.4 50.0
55 22.9 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.154 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

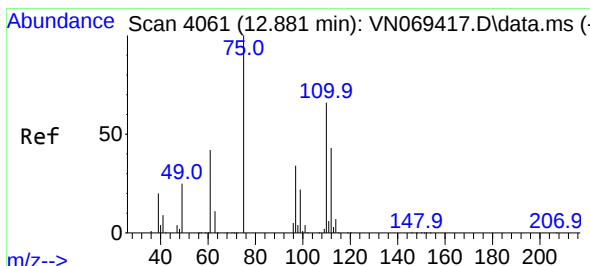
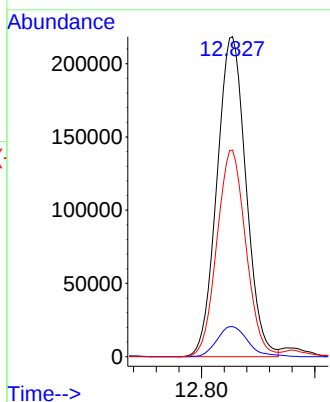
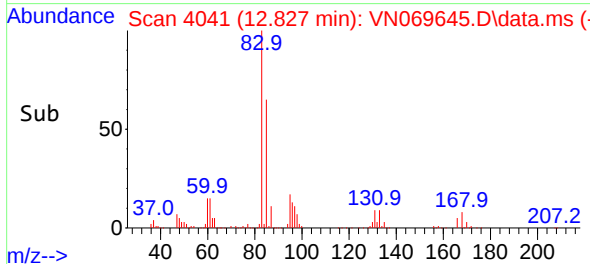
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



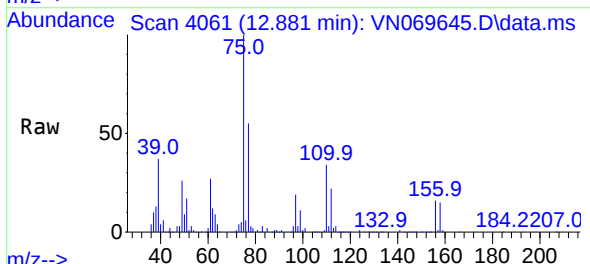
Tgt Ion: 83 Resp: 38915
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.2 32.4 97.2

Manual Integrations
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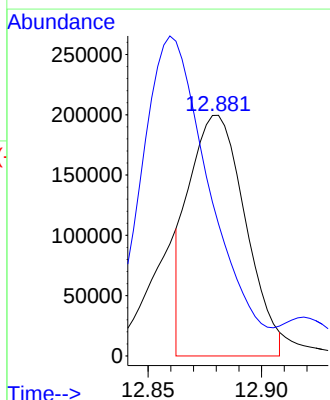
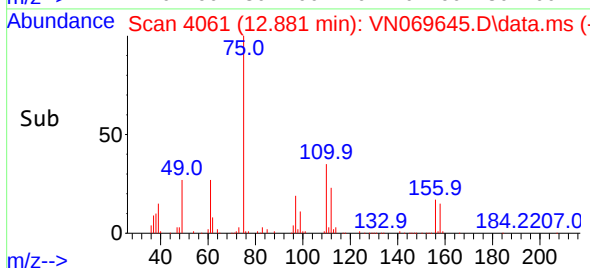
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#76
1,2,3-Trichloropropane
Concen: 22.757 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



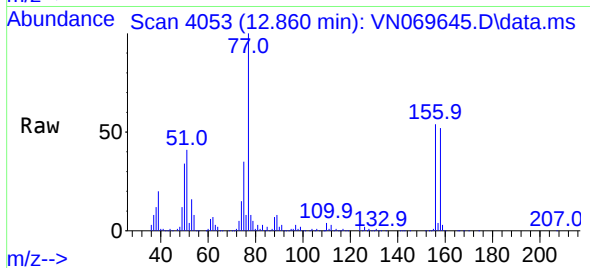
Tgt Ion: 75 Resp: 343538
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 21.571 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

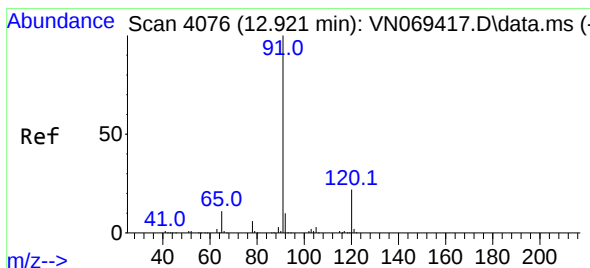
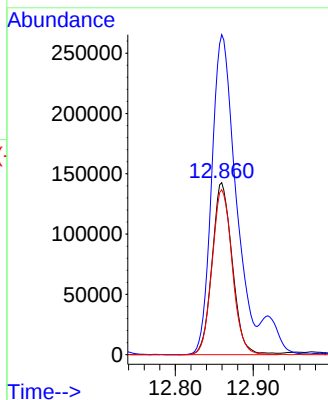
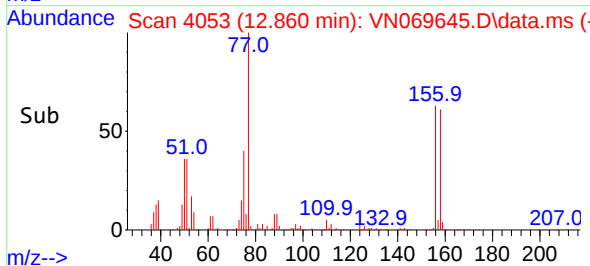
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



Tgt Ion:156 Resp: 256940
Ion Ratio Lower Upper
156 100
77 220.5 90.6 271.8
158 95.4 48.9 146.7

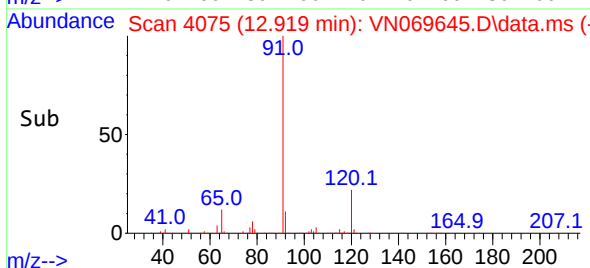
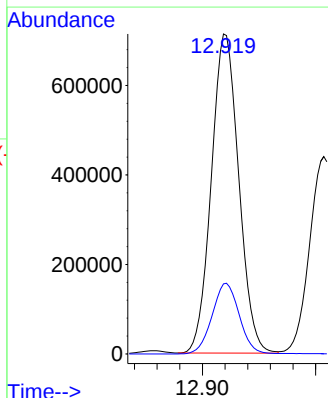
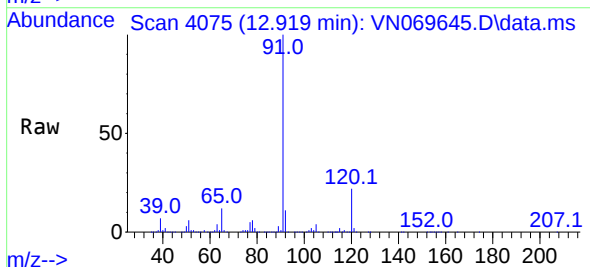
Manual Integrations
APPROVED

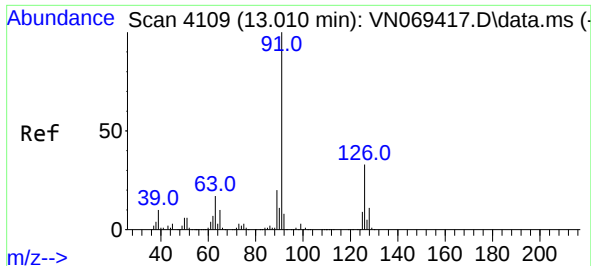
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#78
n-propylbenzene
Concen: 20.466 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Tgt Ion: 91 Resp: 1199382
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





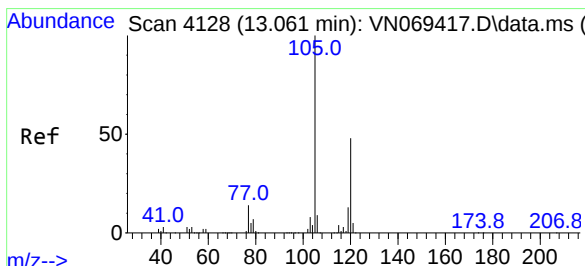
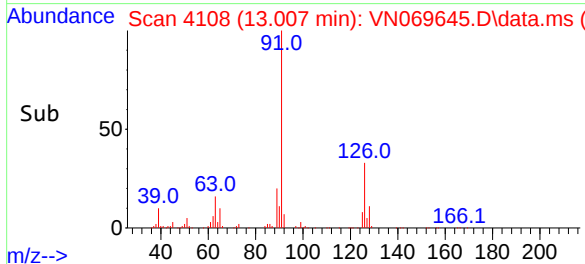
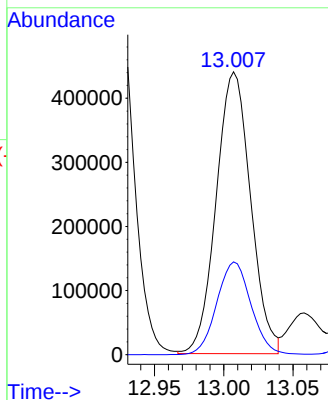
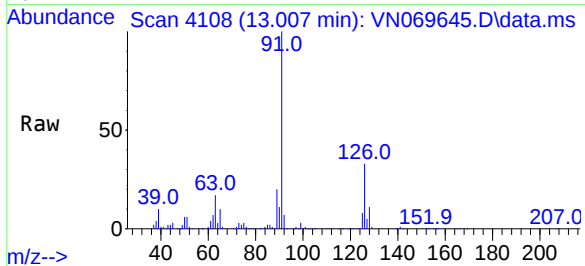
#79
2-Chlorotoluene
Concen: 20.986 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion: 91 Resp: 76150
Ion Ratio Lower Upper
91 100
126 32.7 18.3 54.8

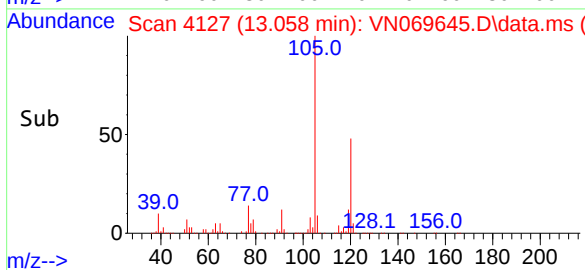
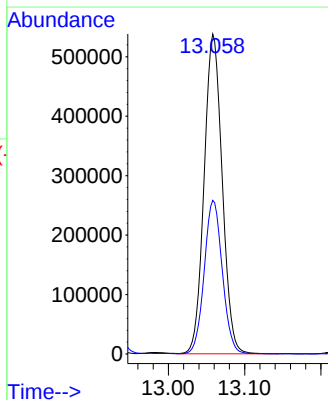
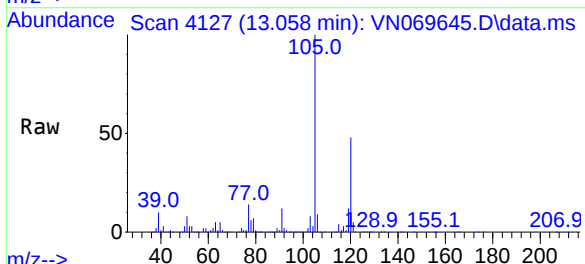
Manual Integrations
APPROVED

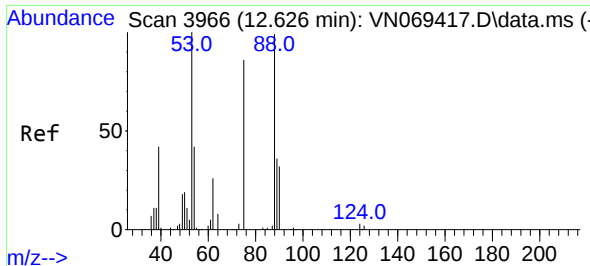
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.049 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Tgt Ion:105 Resp: 886248
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6





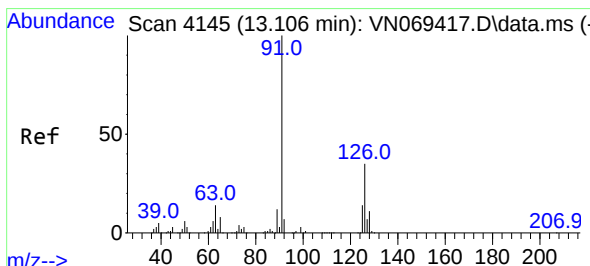
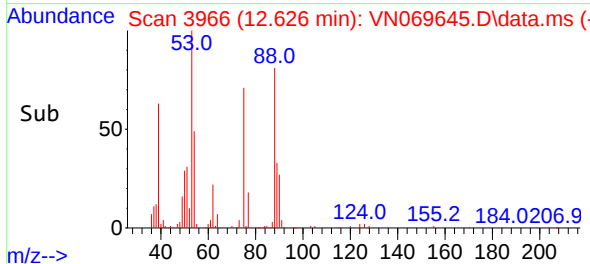
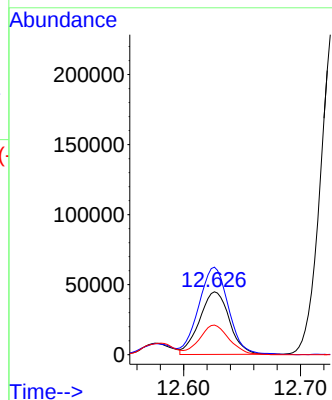
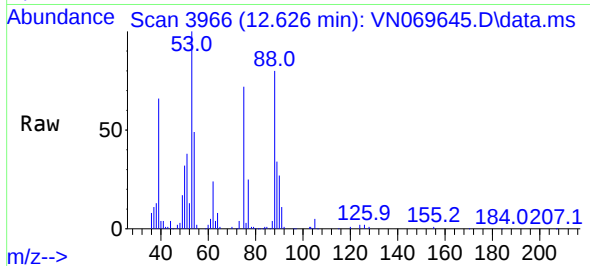
#81
trans-1,4-Dichloro-2-butene
Concen: 19.638 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion: 75 Resp: 79440
Ion Ratio Lower Upper
75 100
53 140.5 90.5 135.7
89 46.8 38.2 57.4

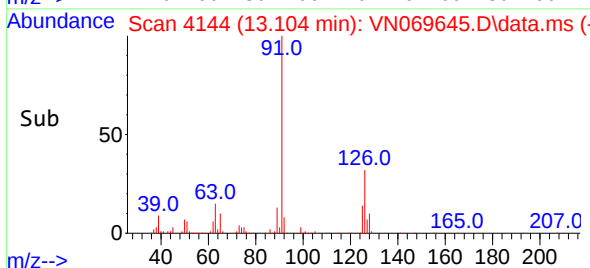
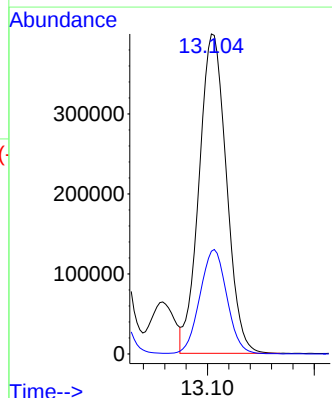
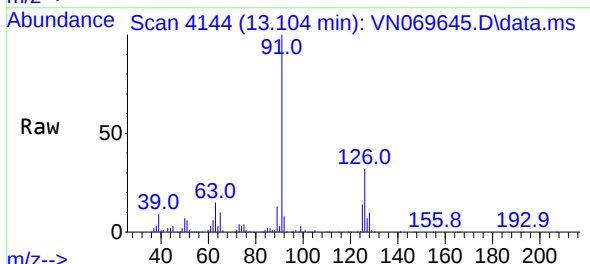
Manual Integrations
APPROVED

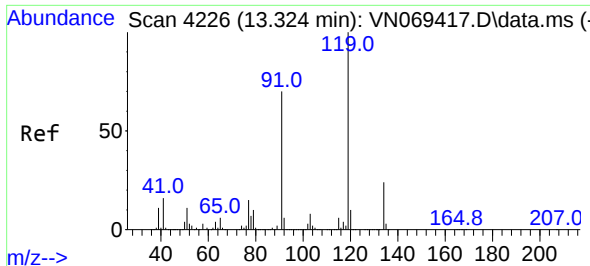
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#82
4-Chlorotoluene
Concen: 20.440 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

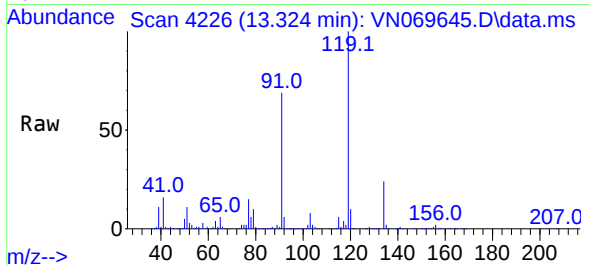
Tgt Ion: 91 Resp: 707047
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 21.976 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

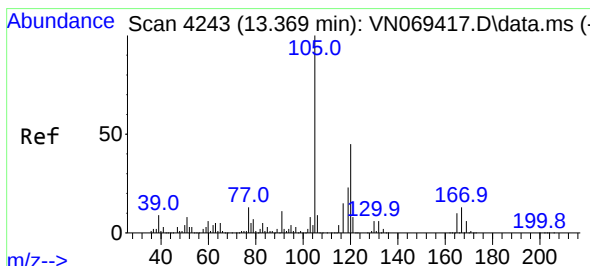
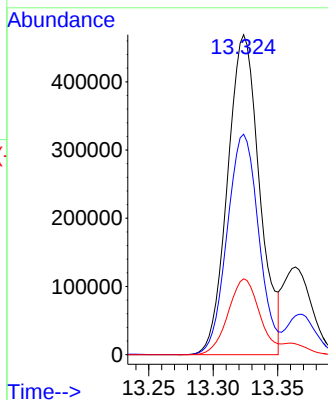
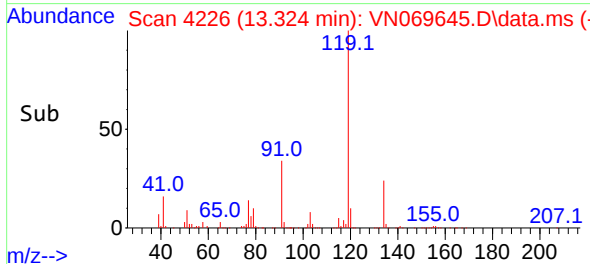
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



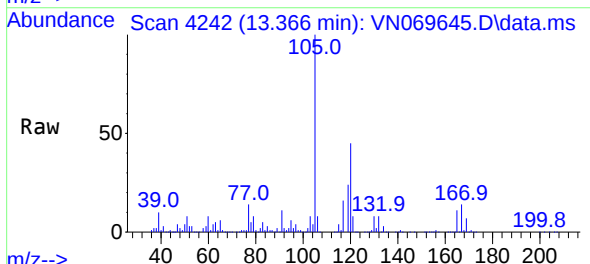
Tgt Ion:119 Resp: 810870
Ion Ratio Lower Upper
119 100
91 68.6 31.5 94.5
134 23.6 12.4 37.4

Manual Integrations
APPROVED

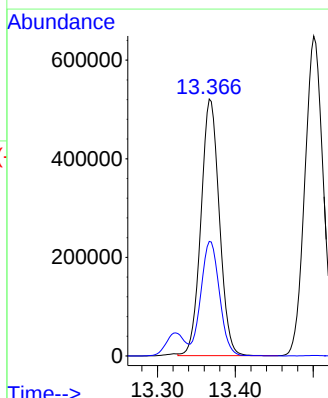
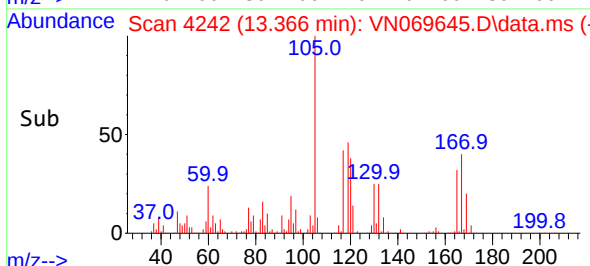
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

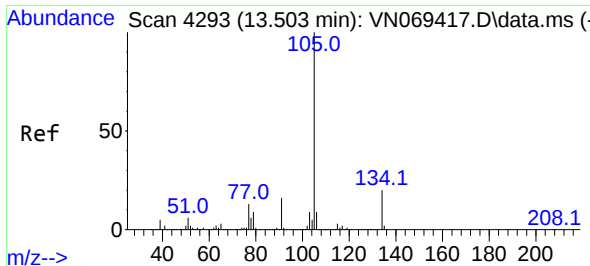


#84
1,2,4-Trimethylbenzene
Concen: 21.068 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



Tgt Ion:105 Resp: 856352
Ion Ratio Lower Upper
105 100
120 45.3 22.8 68.4





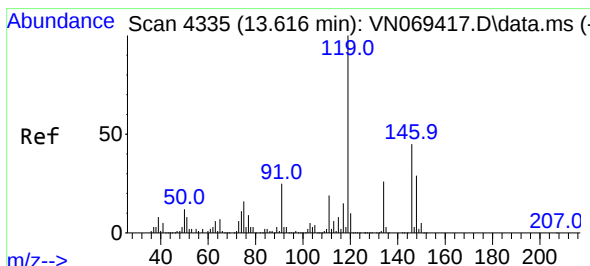
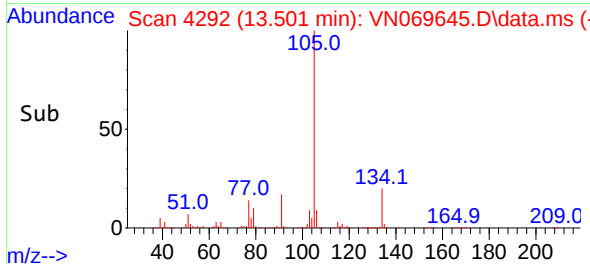
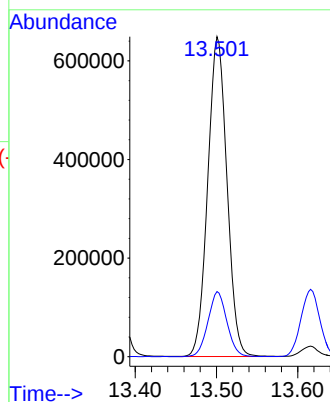
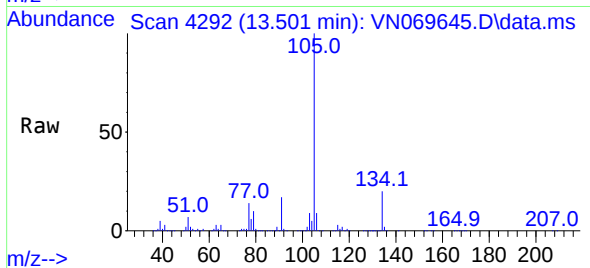
#85
 sec-Butylbenzene
 Concen: 20.634 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069645.D
 Acq: 24 Nov 2021 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124MBS01

Tgt Ion:105 Resp: 1063518
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

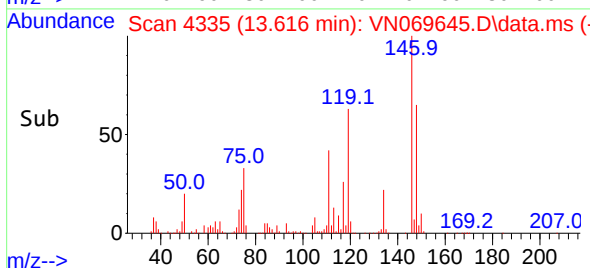
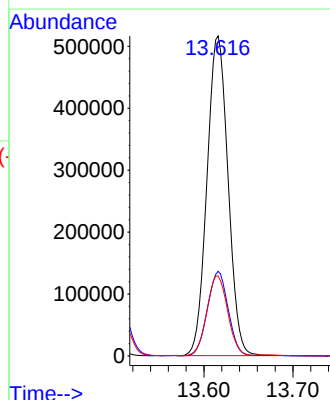
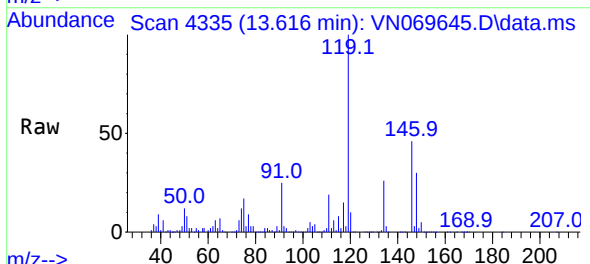
Manual Integrations
 APPROVED

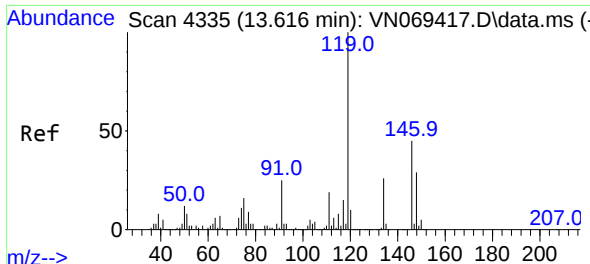
Reviewed By :John Carlone 11/26/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#86
 p-Isopropyltoluene
 Concen: 20.676 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069645.D
 Acq: 24 Nov 2021 16:23

Tgt Ion:119 Resp: 845991
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 24.8 11.4 34.1





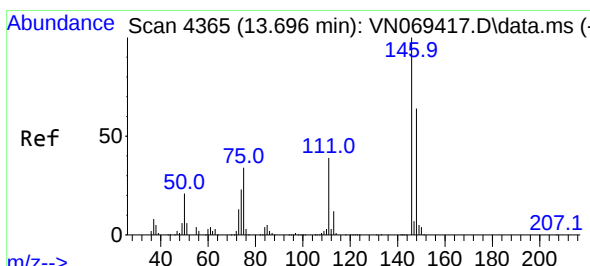
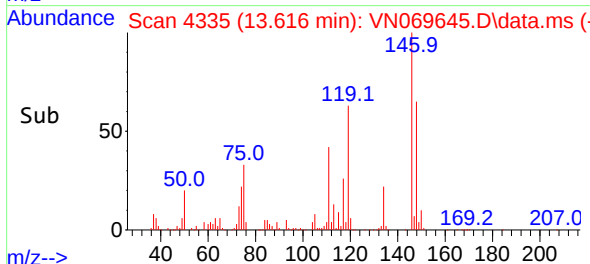
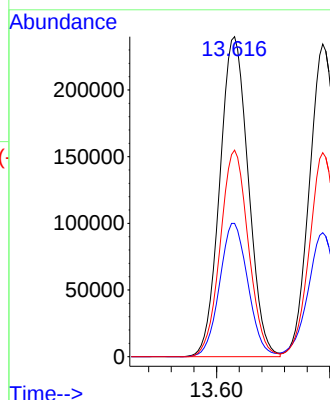
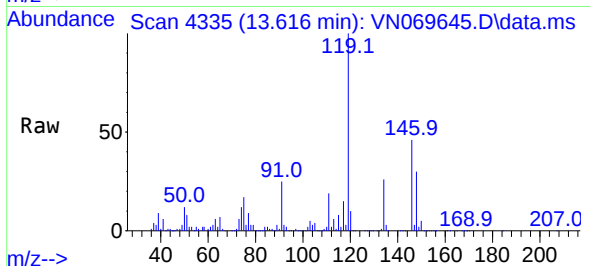
#87
1,3-Dichlorobenzene
Concen: 20.307 ug/l
RT: 13.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion:146 Resp: 41936
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 63.7 31.6 95.0

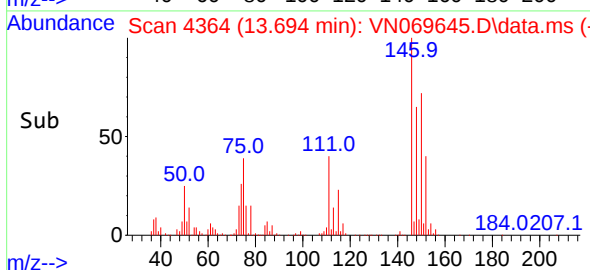
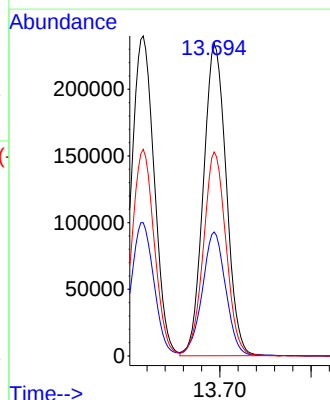
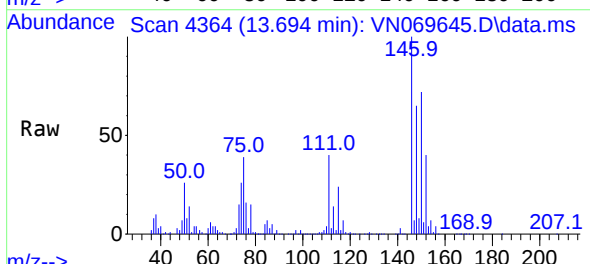
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#88
1,4-Dichlorobenzene
Concen: 20.127 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Tgt Ion:146 Resp: 407767
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 64.8 31.8 95.4





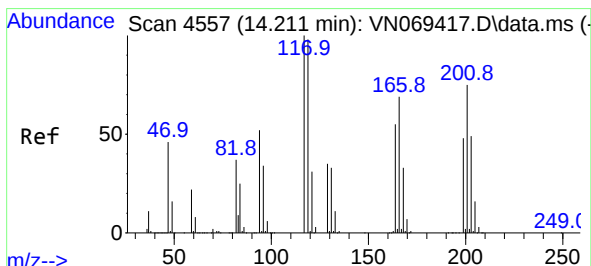
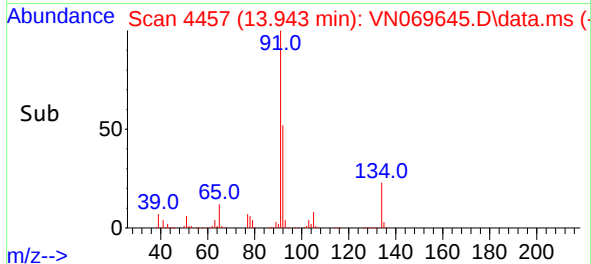
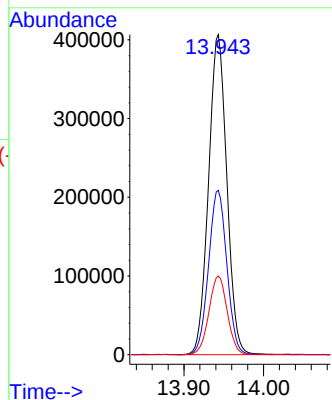
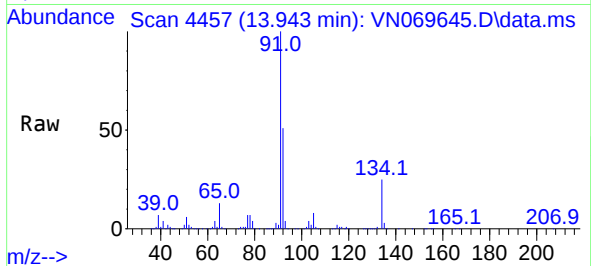
#89
n-Butylbenzene
Concen: 19.033 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01

Tgt Ion: 91 Resp: 64940
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 24.7 13.6 40.8

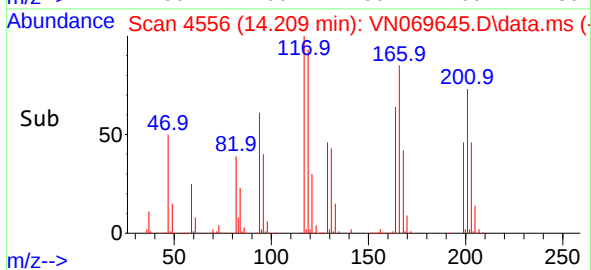
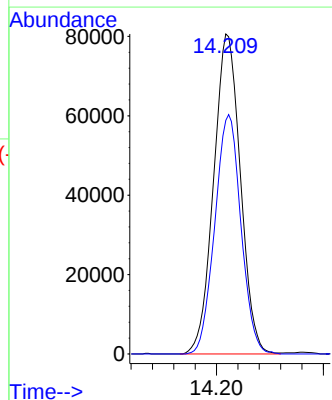
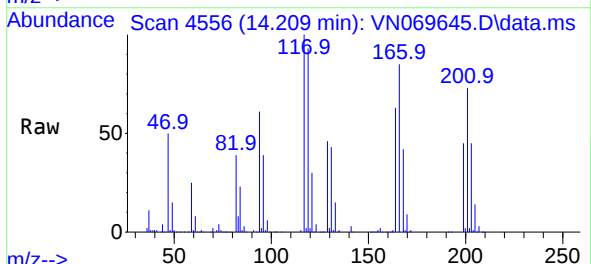
Manual Integrations
APPROVED

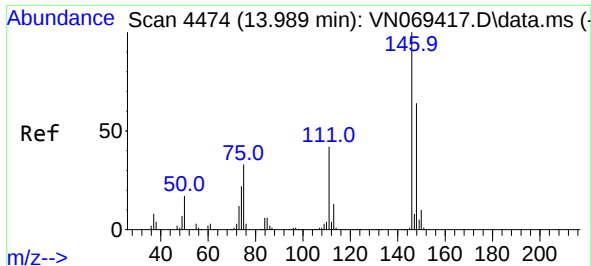
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#90
Hexachloroethane
Concen: 20.013 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

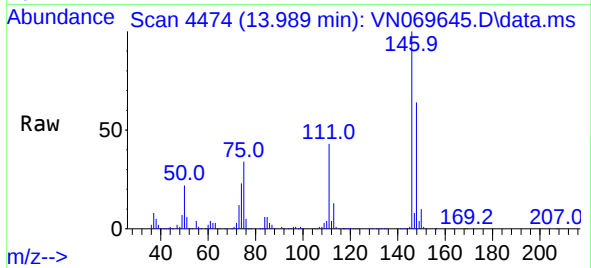
Tgt Ion:117 Resp: 140321
Ion Ratio Lower Upper
117 100
201 72.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.671 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

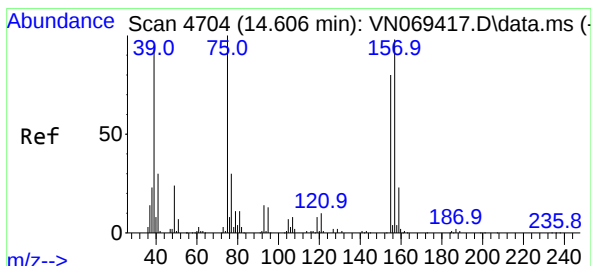
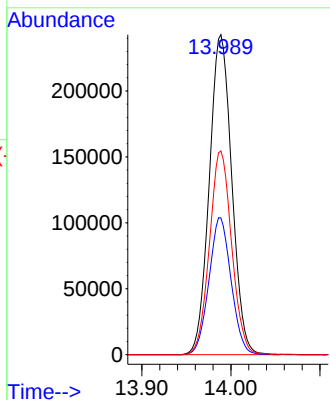
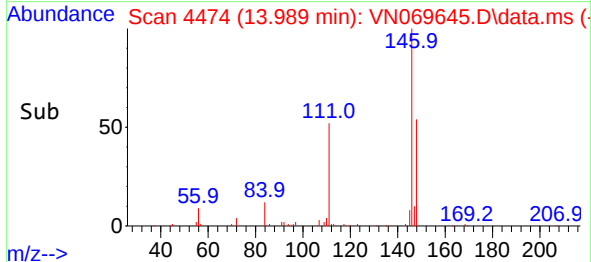
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



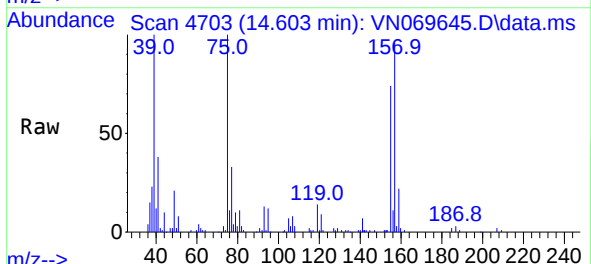
Tgt Ion:146 Resp: 425840
Ion Ratio Lower Upper
146 100
111 42.2 19.1 57.3
148 63.0 32.1 96.3

Manual Integrations
APPROVED

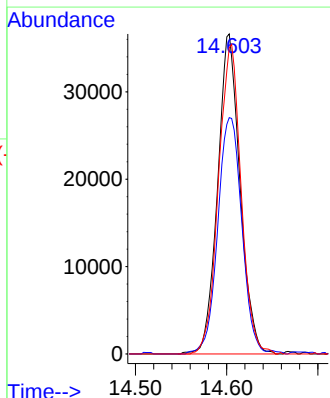
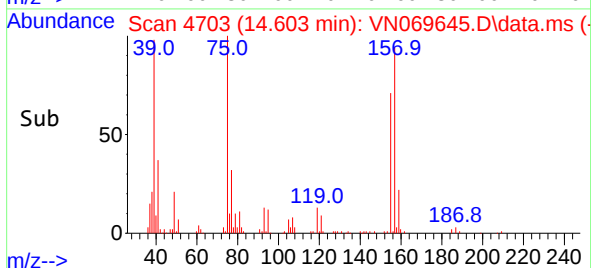
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

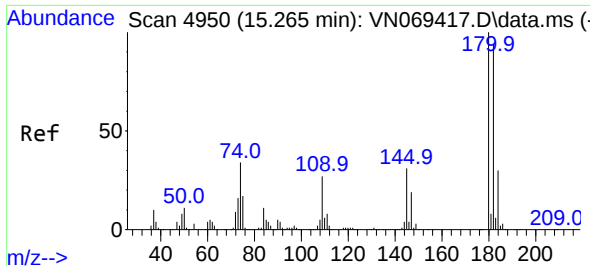


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.220 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



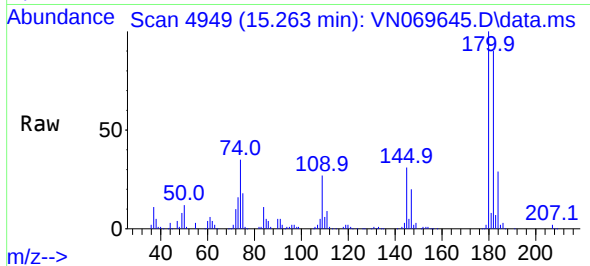
Tgt Ion: 75 Resp: 62411
Ion Ratio Lower Upper
75 100
155 79.2 46.9 140.7
157 97.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.470 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

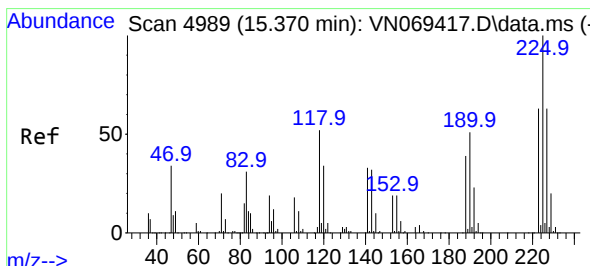
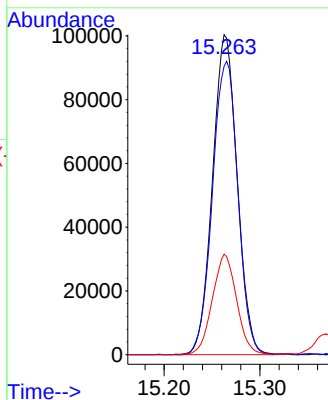
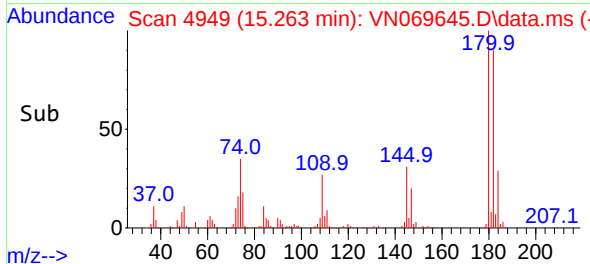
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



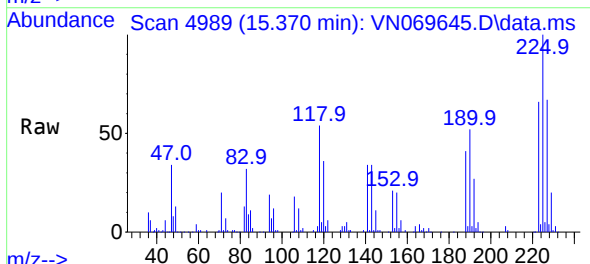
Tgt Ion:180 Resp: 17959
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.9
145 30.9 14.5 43.5

Manual Integrations
APPROVED

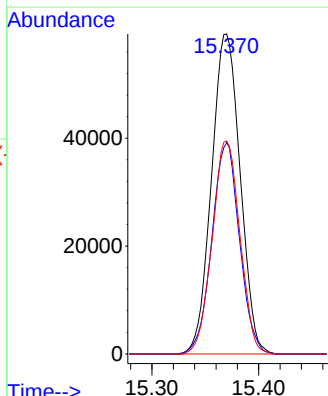
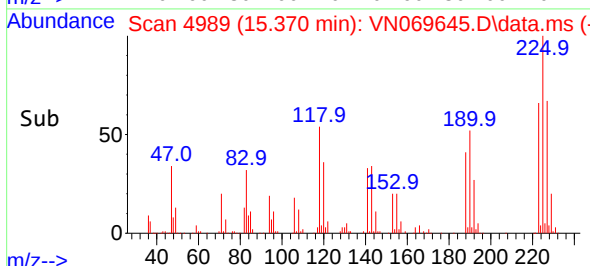
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

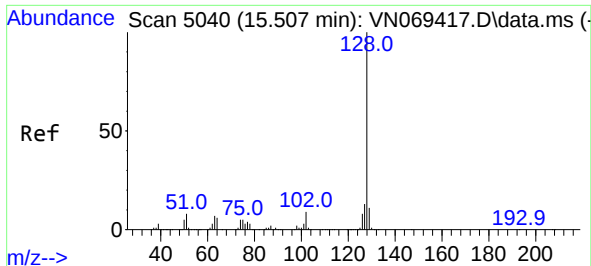


#94
Hexachlorobutadiene
Concen: 21.650 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



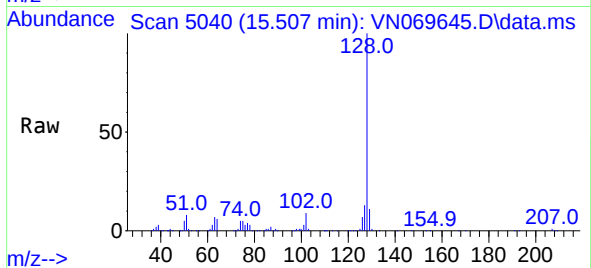
Tgt Ion:225 Resp: 110542
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 64.4 32.1 96.3





#95
Naphthalene
Concen: 20.995 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23

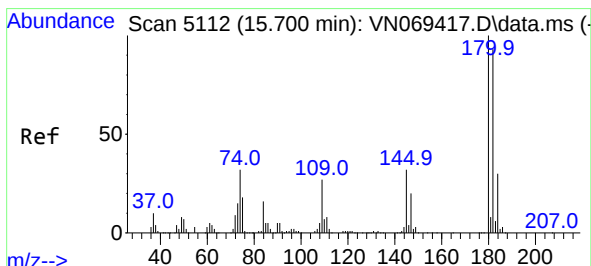
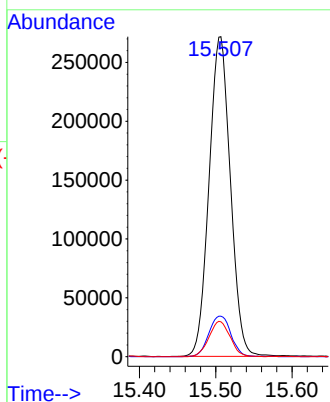
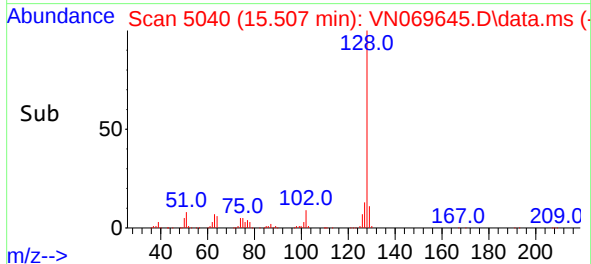
Instrument :
MSVOA_N
ClientSampleId :
VN1124MBS01



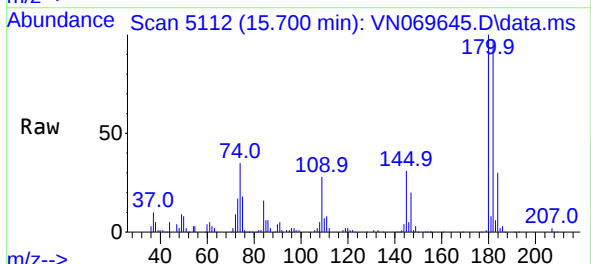
Tgt Ion:128 Resp: 52736
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.242 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069645.D
Acq: 24 Nov 2021 16:23



Tgt Ion:180 Resp: 179473
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 32.6 15.0 45.1

