

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069533.D
 Acq On : 17 Nov 2021 16:37
 Operator : JC/MD
 Sample : VN1117WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 07:11:35 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	1027445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1679496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1521797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	657632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	772615	51.862	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.720%			
35) Dibromofluoromethane	8.024	113	536804	53.292	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.580%			
50) Toluene-d8	10.443	98	2075171	52.381	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.760%			
62) 4-Bromofluorobenzene	12.731	95	735756	50.555	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	205325	18.705	ug/l	99
3) Chloromethane	2.303	50	223970	17.594	ug/l	100
4) Vinyl Chloride	2.445	62	226627	17.780	ug/l	98
5) Bromomethane	2.858	94	142522	17.217	ug/l	98
6) Chloroethane	3.019	64	152651	17.743	ug/l	98
7) Trichlorofluoromethane	3.373	101	354830	18.012	ug/l	94
8) Diethyl Ether	3.821	74	119233	18.707	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.205	101	184993	19.935	ug/l	94
10) Methyl Iodide	4.417	142	209895	18.441	ug/l	97
11) Tert butyl alcohol	5.385	59	247398	92.160	ug/l	100
12) 1,1-Dichloroethene	4.181	96	159119	19.108	ug/l	94
13) Acrolein	4.044	56	39001	98.592	ug/l	97
14) Allyl chloride	4.838	41	341448	18.546	ug/l	95
15) Acrylonitrile	5.559	53	707084	102.857	ug/l	99
16) Acetone	4.291	43	727496	90.509	ug/l	96
17) Carbon Disulfide	4.527	76	288393	14.651	ug/l	98
18) Methyl Acetate	4.857	43	499162	19.104	ug/l	93
19) Methyl tert-butyl Ether	5.624	73	697163	19.782	ug/l	97
20) Methylene Chloride	5.093	84	214358	18.807	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	171494	18.438	ug/l	88
22) Diisopropyl ether	6.498	45	803111	20.250	ug/l	97
23) Vinyl Acetate	6.436	43	3020640	98.475	ug/l	95
24) 1,1-Dichloroethane	6.388	63	401309	19.866	ug/l	98
25) 2-Butanone	7.340	43	1066733	98.011	ug/l	92
26) 2,2-Dichloropropane	7.327	77	280893	17.772	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	229050	19.865	ug/l	88
28) Bromochloromethane	7.659	49	218317	21.104	ug/l	82
29) Tetrahydrofuran	7.689	42	697339	104.406	ug/l	89
30) Chloroform	7.820	83	422615	20.407	ug/l	99
31) Cyclohexane	8.094	56	370522	18.205	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	335211	19.392	ug/l	95
36) 1,1-Dichloropropene	8.220	75	278823	19.730	ug/l	98
37) Ethyl Acetate	7.415	43	390260	20.429	ug/l	96
38) Carbon Tetrachloride	8.206	117	267150	19.581	ug/l	98
39) Methylcyclohexane	9.459	83	330750	18.814	ug/l	90
40) Benzene	8.461	78	893565	20.485	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	198580	20.118	ug/l	92
42) 1,2-Dichloroethane	8.531	62	363964	21.309	ug/l	97
43) Isopropyl Acetate	8.563	43	639281	20.834	ug/l	94
44) Trichloroethene	9.217	130	214675	20.564	ug/l	95
45) 1,2-Dichloropropane	9.491	63	243503	20.894	ug/l	99
46) Dibromomethane	9.579	93	160987	20.623	ug/l	91
47) Bromodichloromethane	9.762	83	296563	20.359	ug/l	99
48) Methyl methacrylate	9.561	41	292934	20.292	ug/l	90
49) 1,4-Dioxane	9.571	88	105399	393.079	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	2127037	107.395	ug/l	95
52) Toluene	10.505	92	559603	20.593	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	286887	17.811	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	321627	18.184	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	228991	20.904	ug/l	98
56) Ethyl methacrylate	10.762	69	363691	18.947	ug/l #	85
57) 1,3-Dichloropropane	11.047	76	391974	20.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	412618	93.424	ug/l	93
59) 2-Hexanone	11.087	43	1517020	95.776	ug/l	93
60) Dibromochloromethane	11.240	129	205117	18.653	ug/l	99
61) 1,2-Dibromoethane	11.347	107	227264	19.260	ug/l	98
64) Tetrachloroethene	10.977	164	191984	20.893	ug/l	92
65) Chlorobenzene	11.771	112	588531	20.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	212631	21.642	ug/l	99
67) Ethyl Benzene	11.846	91	1072869	20.536	ug/l	95
68) m/p-Xylenes	11.953	106	787879	41.006	ug/l	92
69) o-Xylene	12.280	106	399435	20.853	ug/l	94
70) Styrene	12.296	104	638326	19.516	ug/l	96
71) Bromoform	12.460	173	135186	18.188	ug/l #	100
73) Isopropylbenzene	12.581	105	1050362	20.060	ug/l	99
74) N-amyl acetate	12.390	43	434410	19.577	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	363436	20.580	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	335815m	22.127	ug/l	
77) Bromobenzene	12.862	156	240020	20.043	ug/l	81
78) n-propylbenzene	12.921	91	1184389	20.102	ug/l	96
79) 2-Chlorotoluene	13.010	91	728788	19.978	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	853518	20.164	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	71857	18.250	ug/l #	82
82) 4-Chlorotoluene	13.106	91	695831	20.009	ug/l	93
83) tert-Butylbenzene	13.324	119	751615	20.262	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	832707	20.377	ug/l	98
85) sec-Butylbenzene	13.503	105	1036110	19.995	ug/l	98
86) p-Isopropyltoluene	13.616	119	820894	19.956	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	420945	20.275	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	405226	19.896	ug/l	97
89) n-Butylbenzene	13.943	91	640903	18.684	ug/l	97
90) Hexachloroethane	14.211	117	125995	18.105	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	413953	20.953	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59297	19.208	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	170059	18.519	ug/l	96
94) Hexachlorobutadiene	15.370	225	109215	21.276	ug/l	98
95) Naphthalene	15.507	128	422293	17.629	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	165490	18.828	ug/l	99

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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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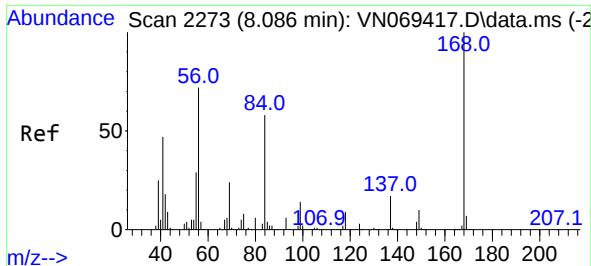
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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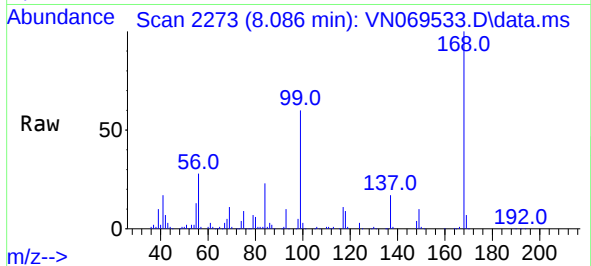
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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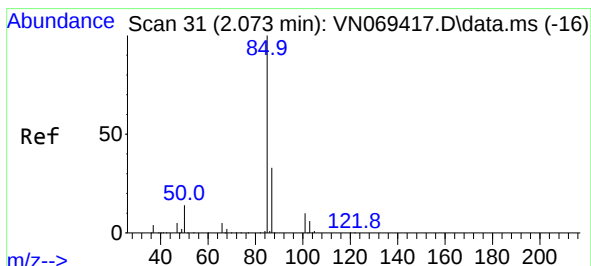
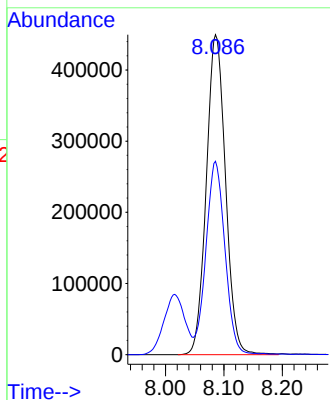
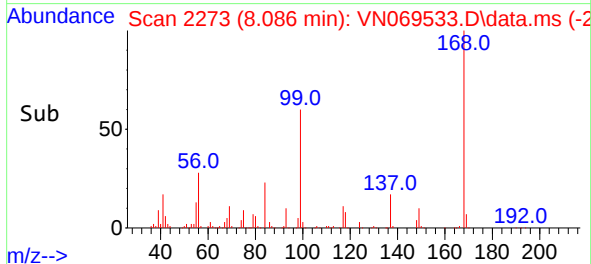
Instrument :
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ClientSampleId :
VN1117WBSD01



Tgt Ion:168 Resp: 102744
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9

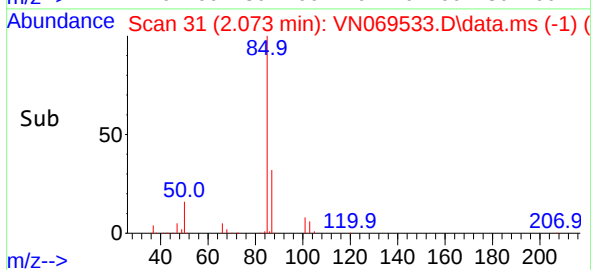
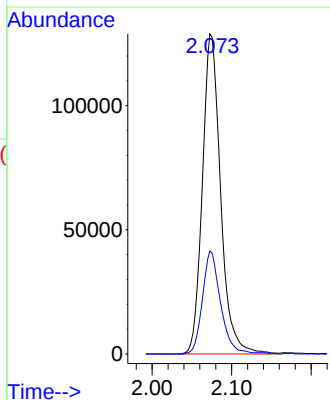
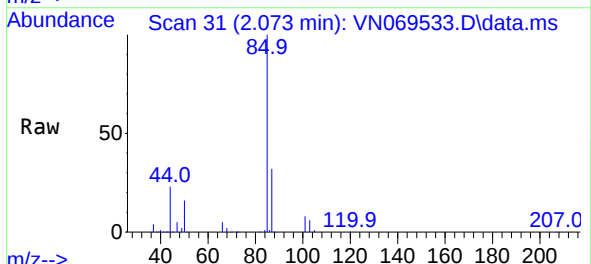
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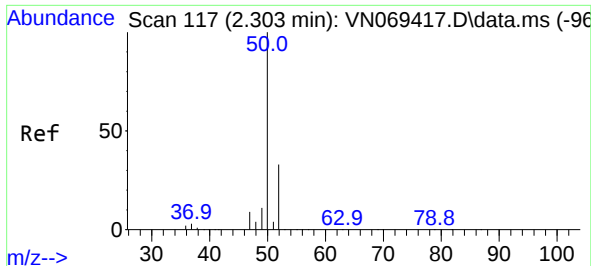
Reviewed By :John Carlone 11/18/2021
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#2
Dichlorodifluoromethane
Concen: 18.705 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

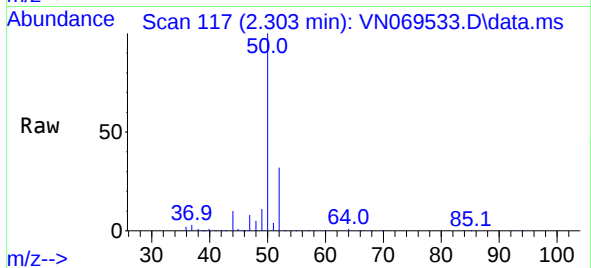
Tgt Ion: 85 Resp: 205325
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 17.594 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

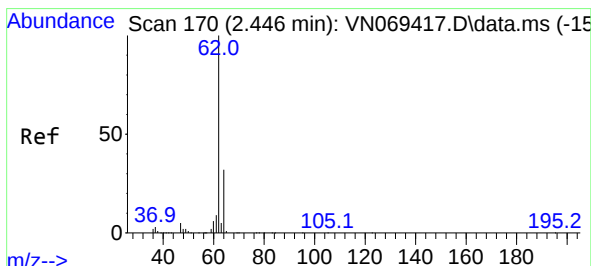
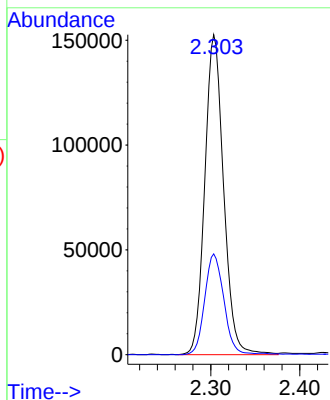
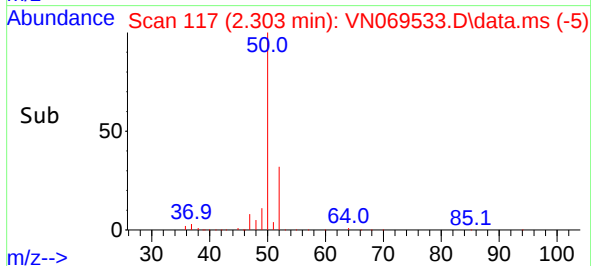
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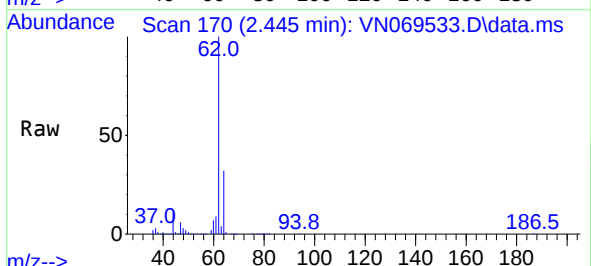
Tgt Ion: 50 Resp: 223970
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

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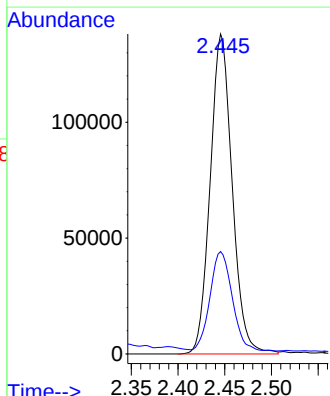
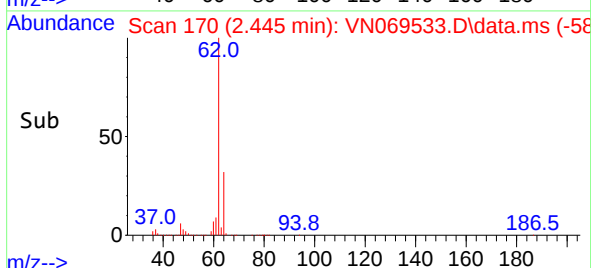
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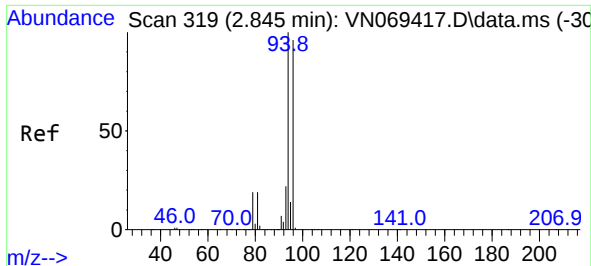


#4
Vinyl Chloride
Concen: 17.780 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



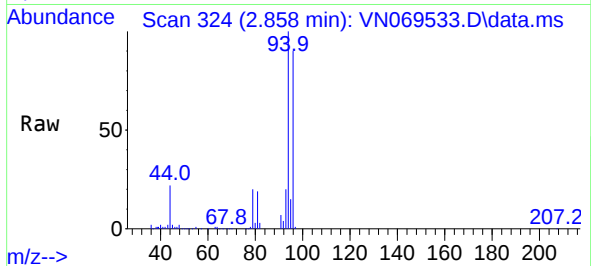
Tgt Ion: 62 Resp: 226627
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 17.217 ug/l
RT: 2.858 min Scan# 319
Delta R.T. 0.013 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

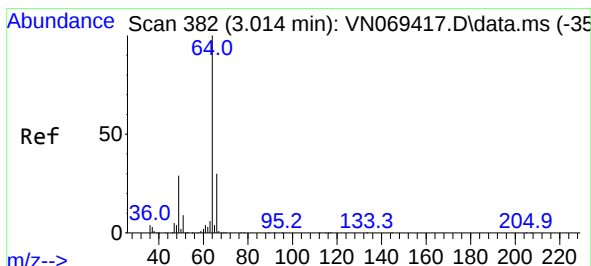
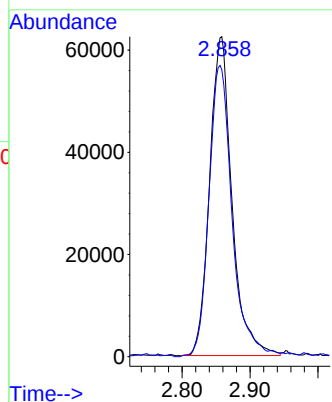
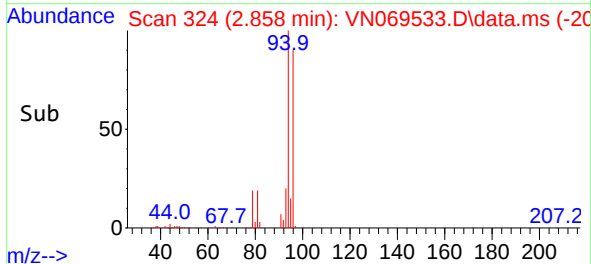
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Tgt Ion: 94 Resp: 14252
Ion Ratio Lower Upper
94 100
96 90.0 73.8 110.8

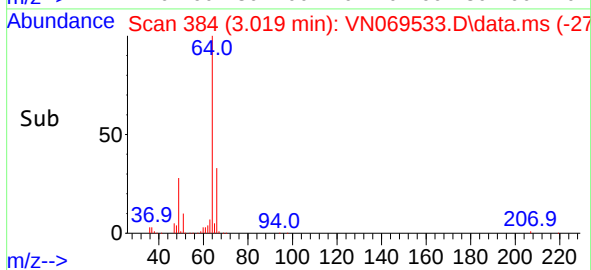
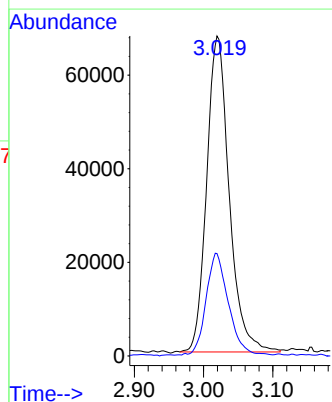
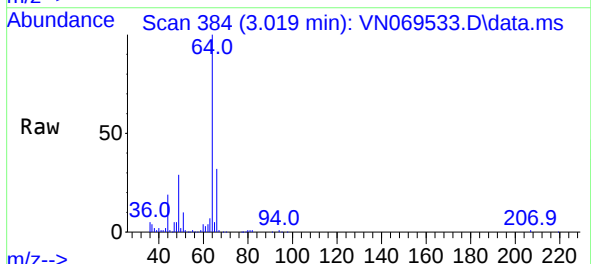
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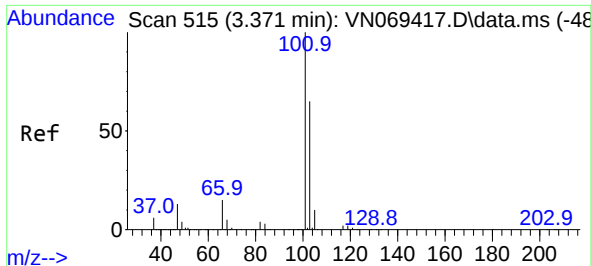
Reviewed By :John Carlone 11/18/2021
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#6
Chloroethane
Concen: 17.743 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.005 min
Lab File: VN069533.D
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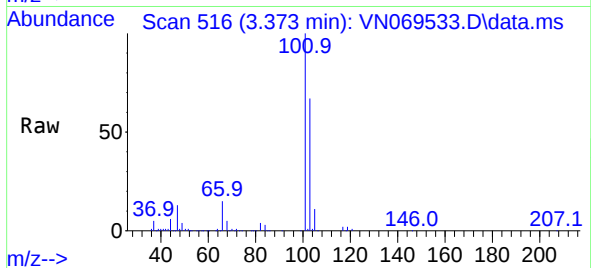
Tgt Ion: 64 Resp: 152651
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.012 ug/l
RT: 3.373 min Scan# 515
Delta R.T. 0.002 min
Lab File: VN069533.D
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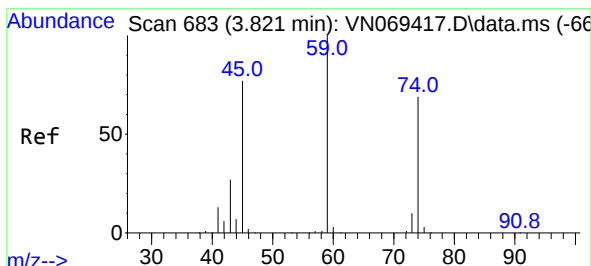
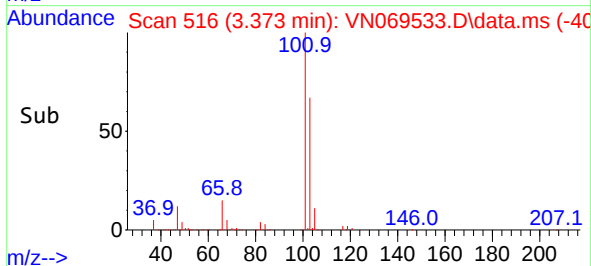
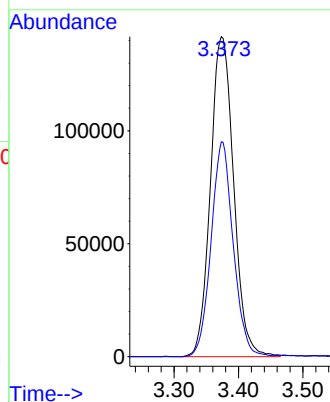
Instrument :
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Tgt Ion:101 Resp: 354830
Ion Ratio Lower Upper
101 100
103 67.1 50.1 75.1

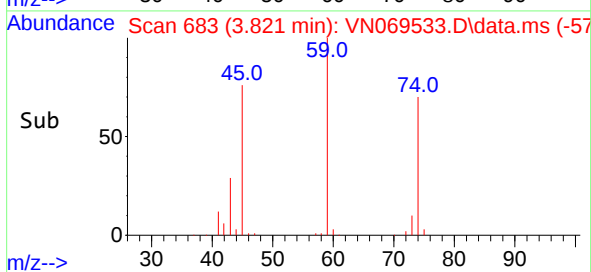
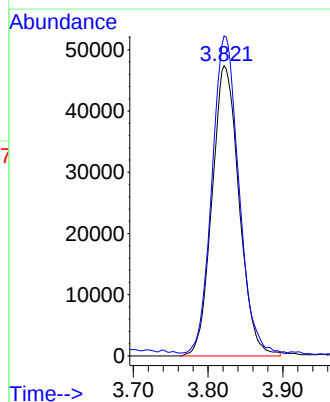
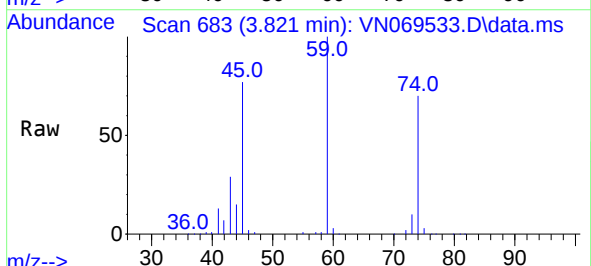
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#8
Diethyl Ether
Concen: 18.707 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069533.D
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Tgt Ion: 74 Resp: 119233
Ion Ratio Lower Upper
74 100
45 108.0 47.0 141.2





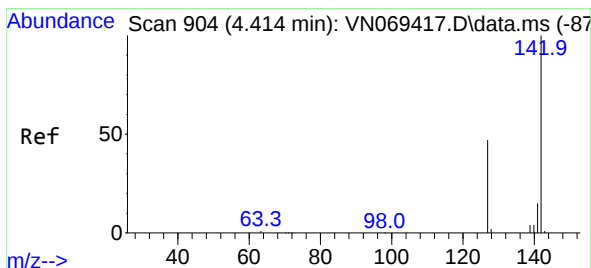
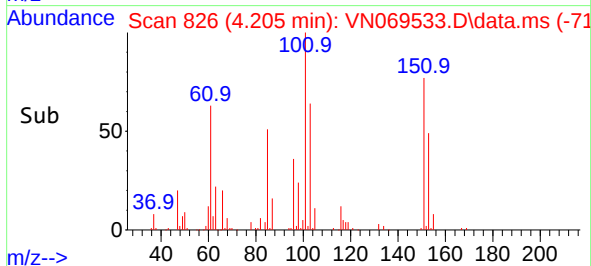
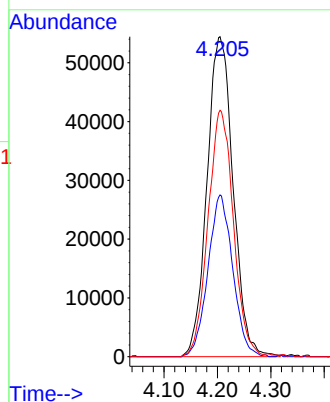
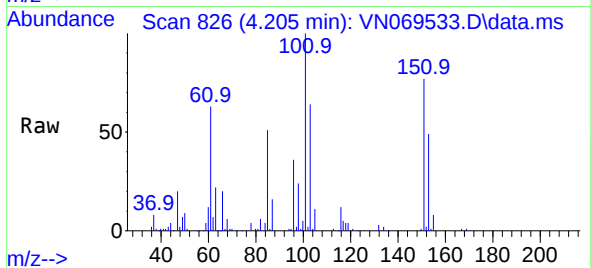
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.935 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:101 Resp: 18499
Ion Ratio Lower Upper
101 100
85 47.9 37.2 55.8
151 74.8 65.9 98.9

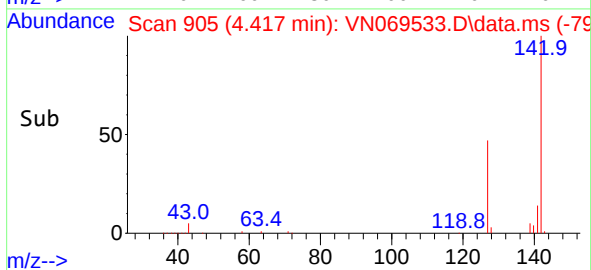
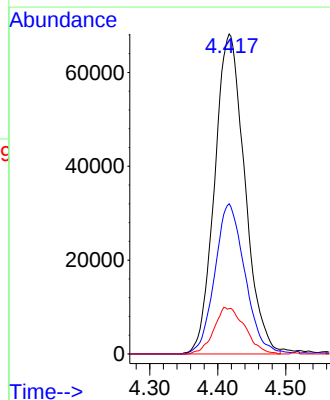
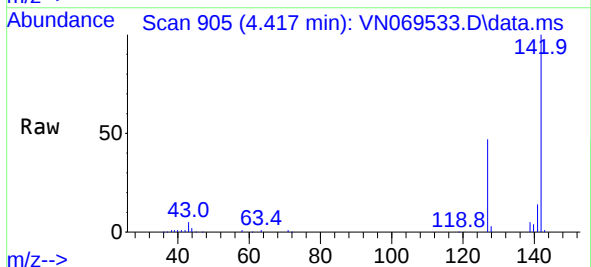
Manual Integrations
APPROVED

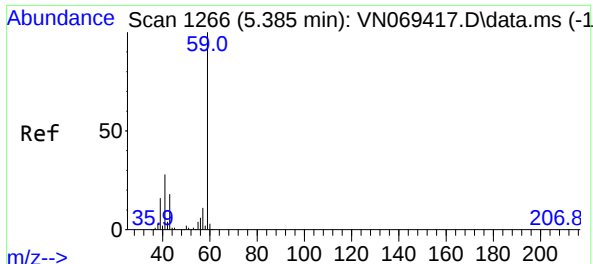
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 18.441 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

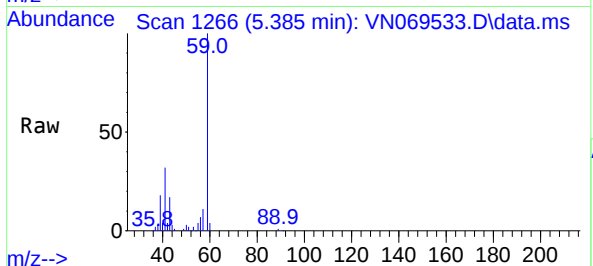
Tgt Ion:142 Resp: 209895
Ion Ratio Lower Upper
142 100
127 47.0 35.4 53.0
141 14.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 92.160 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

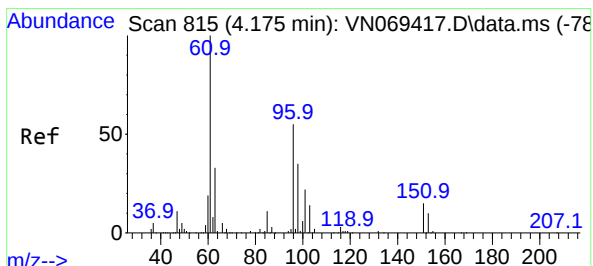
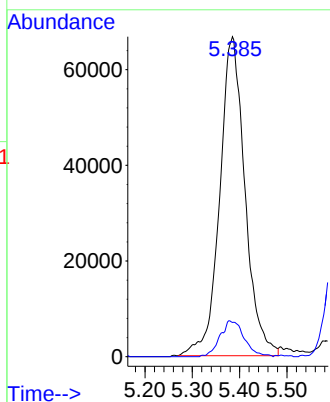
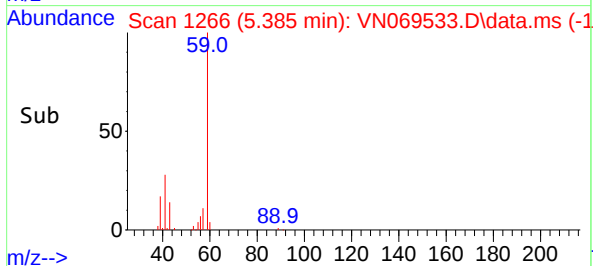
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



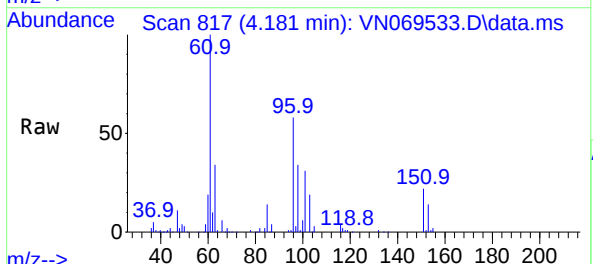
Tgt Ion: 59 Resp: 247398
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
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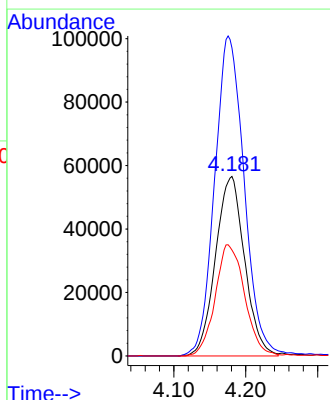
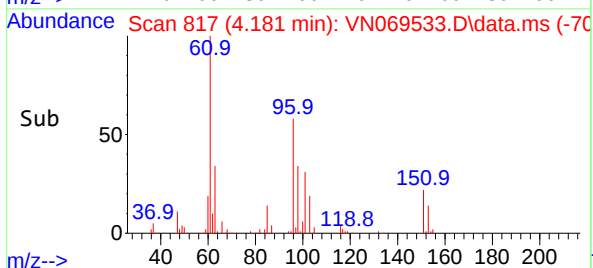
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 19.108 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



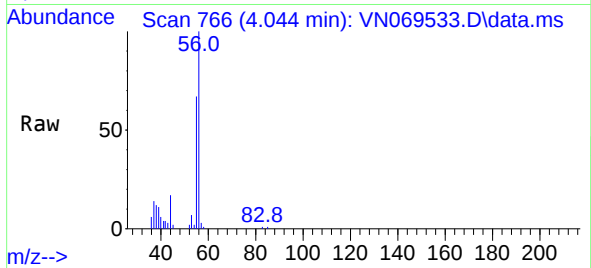
Tgt Ion: 96 Resp: 159119
Ion Ratio Lower Upper
96 100
61 171.5 131.0 196.6
98 59.0 52.4 78.6





#13
Acrolein
Concen: 98.592 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

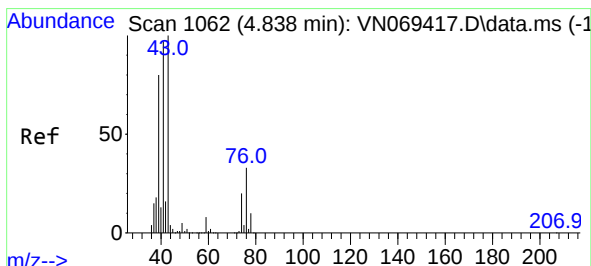
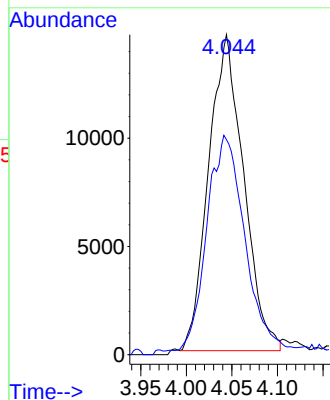
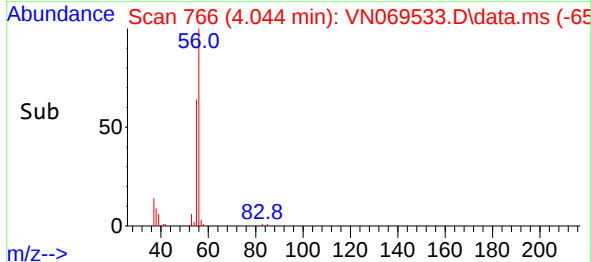
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 56 Resp: 3900
Ion Ratio Lower Upper
56 100
55 73.0 56.6 85.0

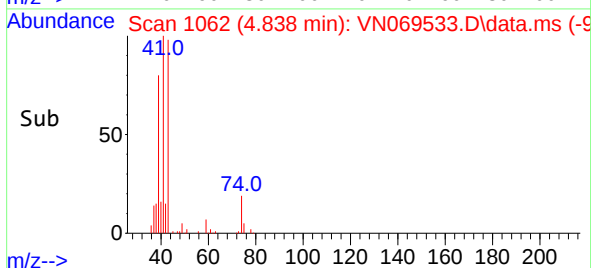
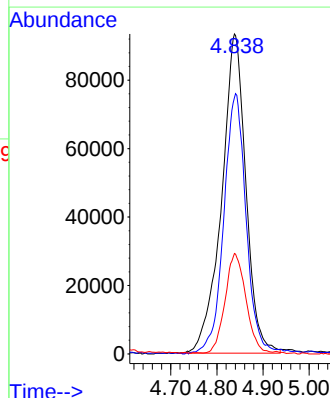
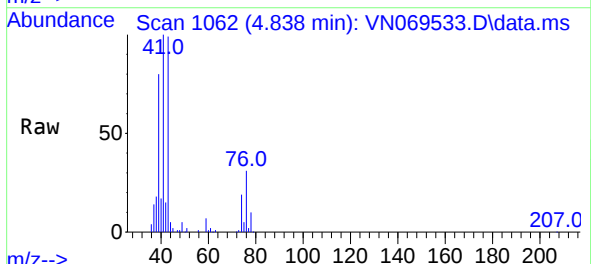
Manual Integrations
APPROVED

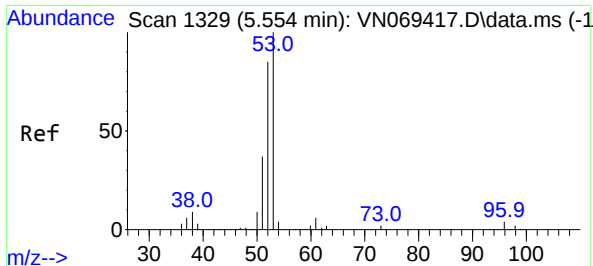
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 18.546 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

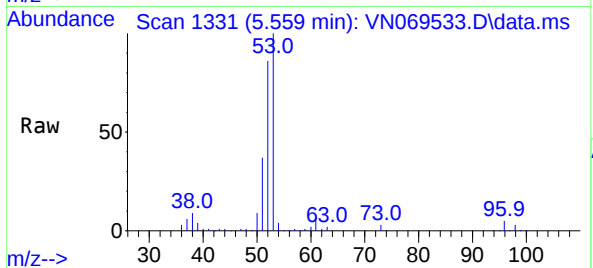
Tgt Ion: 41 Resp: 341448
Ion Ratio Lower Upper
41 100
39 74.7 61.2 91.8
76 26.6 26.0 39.0





#15
Acrylonitrile
Concen: 102.857 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

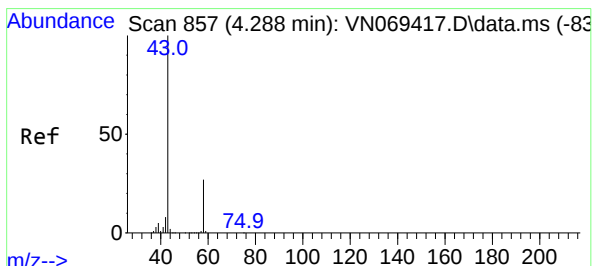
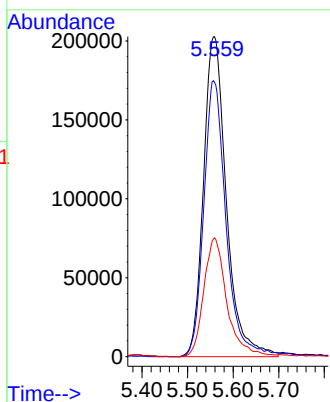
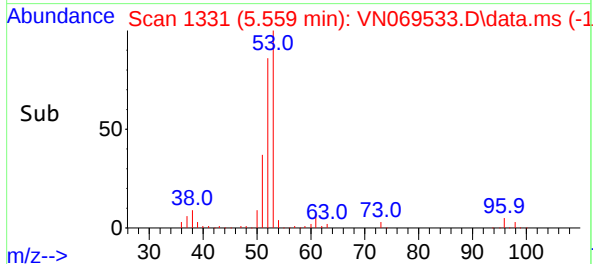
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 53 Resp: 707084
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.7 29.6 44.4

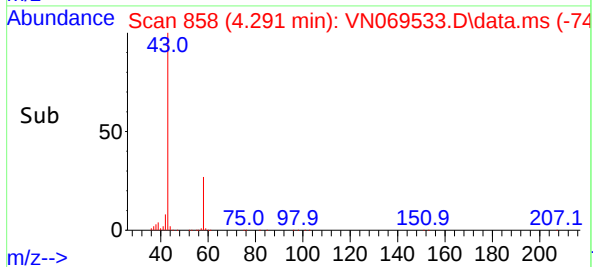
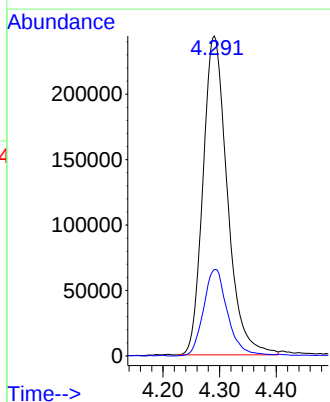
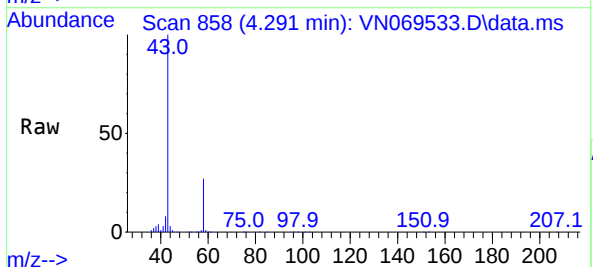
Manual Integrations
APPROVED

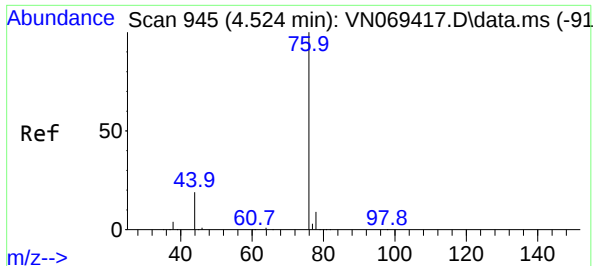
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 90.509 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

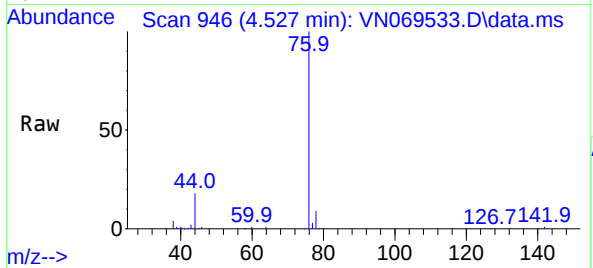
Tgt Ion: 43 Resp: 727496
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





#17
Carbon Disulfide
Concen: 14.651 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

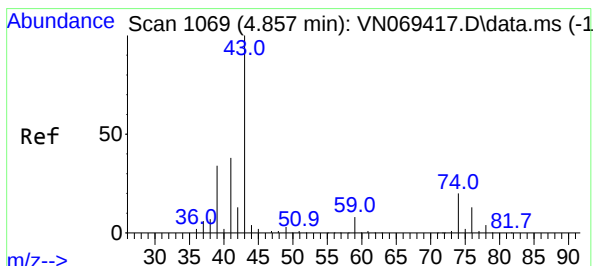
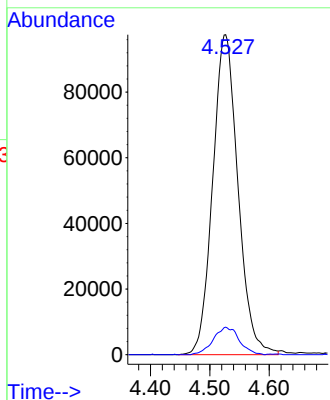
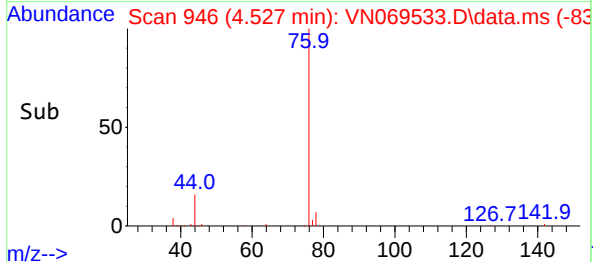
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



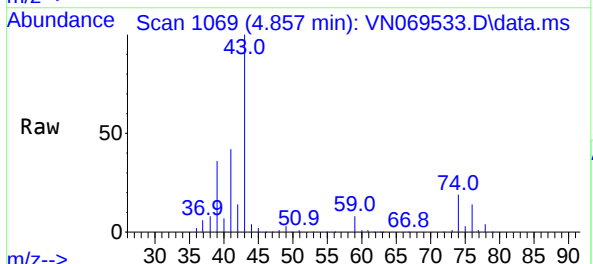
Tgt Ion: 76 Resp: 28839
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

Manual Integrations
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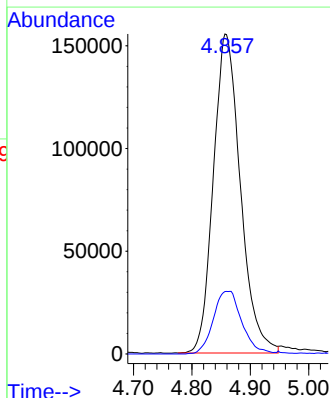
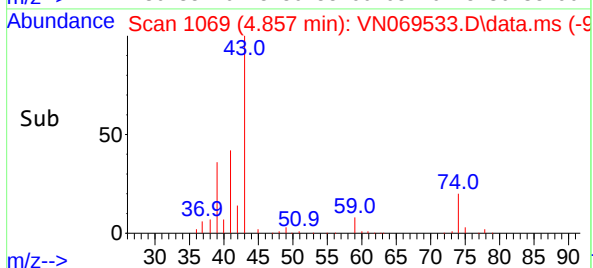
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

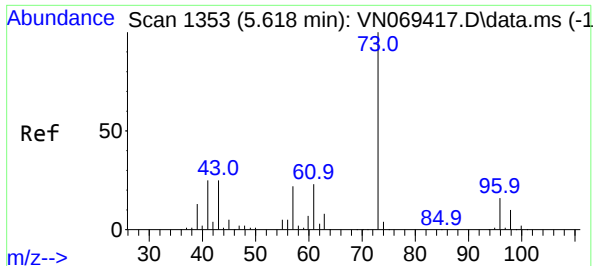


#18
Methyl Acetate
Concen: 19.104 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion: 43 Resp: 499162
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.782 ug/l

RT: 5.624 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN069533.D

Acq: 17 Nov 2021 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 73 Resp: 69716

Ion Ratio Lower Upper

73 100

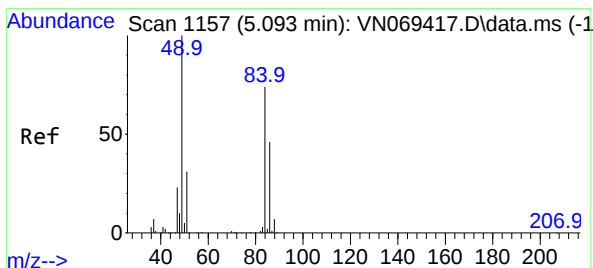
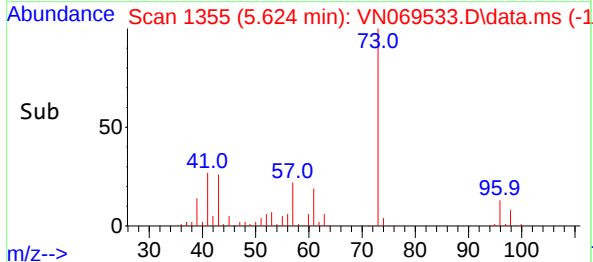
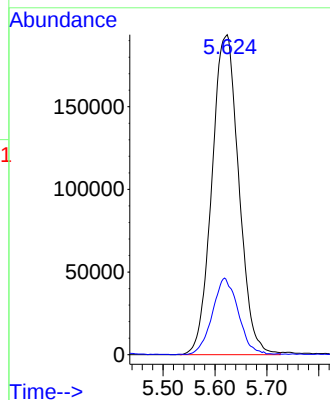
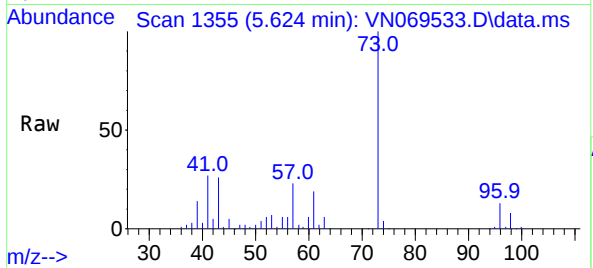
57 22.4 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 18.807 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.000 min

Lab File: VN069533.D

Acq: 17 Nov 2021 16:37

Tgt Ion: 84 Resp: 214358

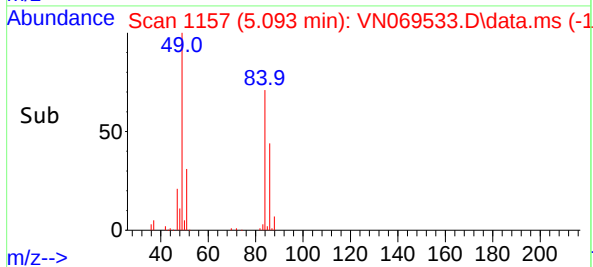
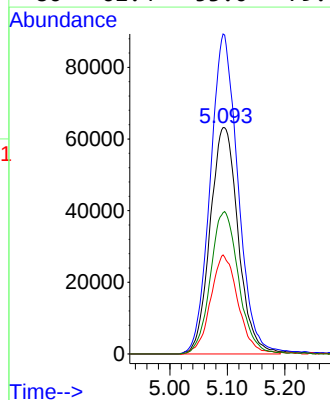
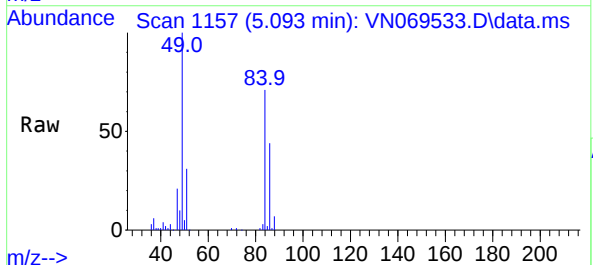
Ion Ratio Lower Upper

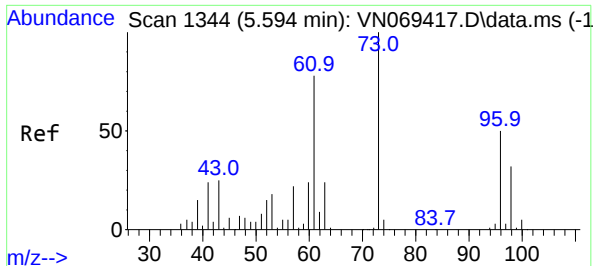
84 100

49 141.1 93.5 140.3#

51 43.7 29.4 44.2

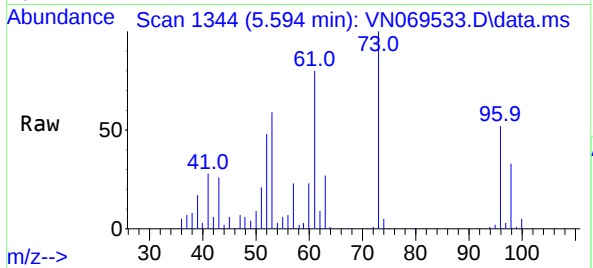
86 62.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.438 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

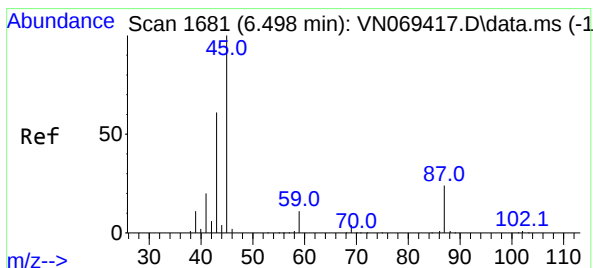
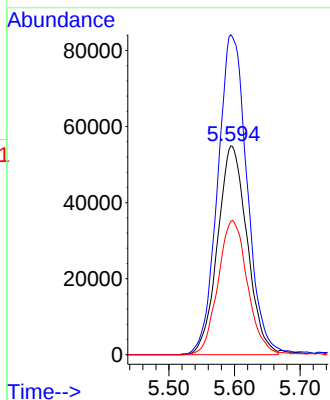
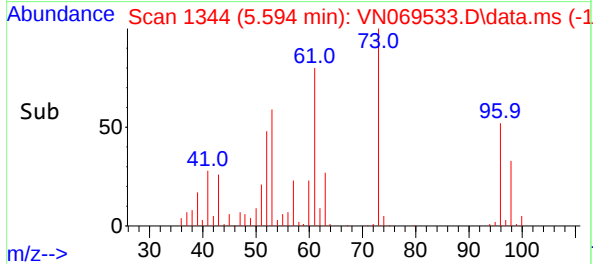
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



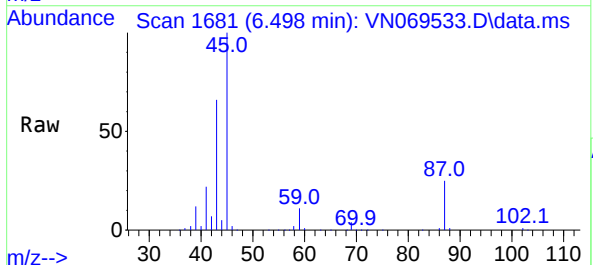
Tgt Ion: 96 Resp: 171494
Ion Ratio Lower Upper
96 100
61 153.2 105.8 158.6
98 63.8 52.0 78.0

Manual Integrations
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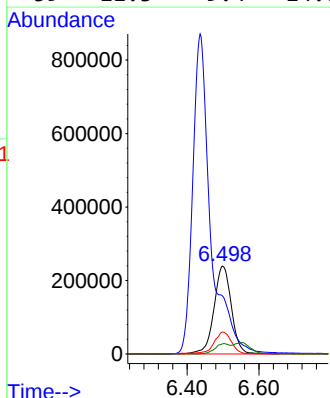
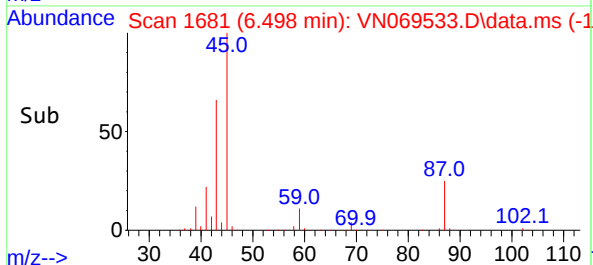
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

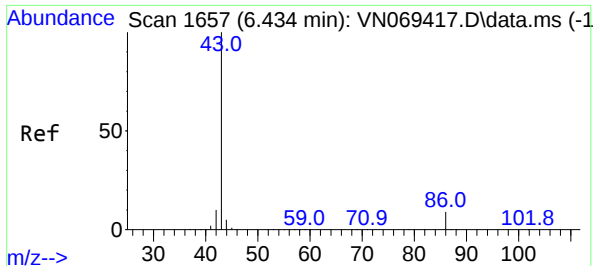


#22
Diisopropyl ether
Concen: 20.250 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion: 45 Resp: 803111
Ion Ratio Lower Upper
45 100
43 65.1 51.7 77.5
87 24.7 23.2 34.8
59 11.3 9.4 14.0





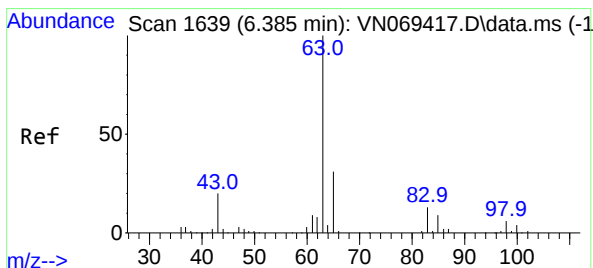
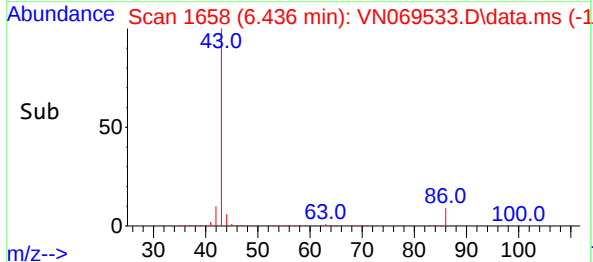
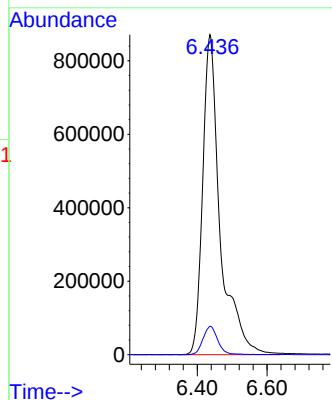
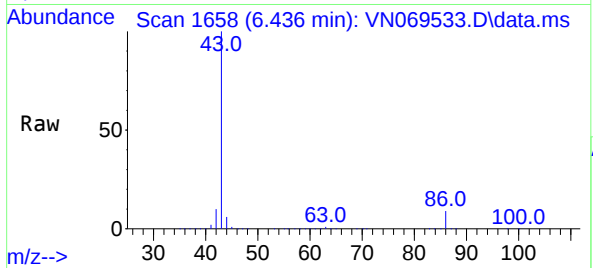
#23
 Vinyl Acetate
 Concen: 98.475 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN069533.D
 Acq: 17 Nov 2021 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Tgt Ion: 43 Resp: 3020640
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

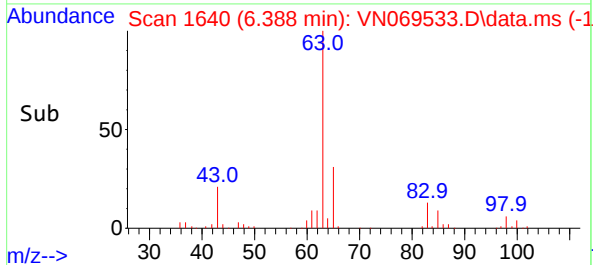
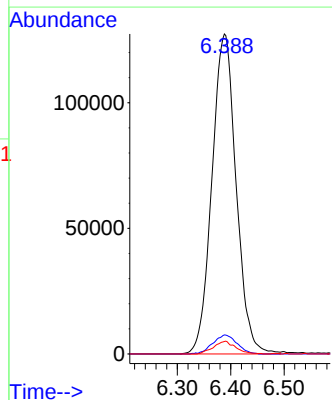
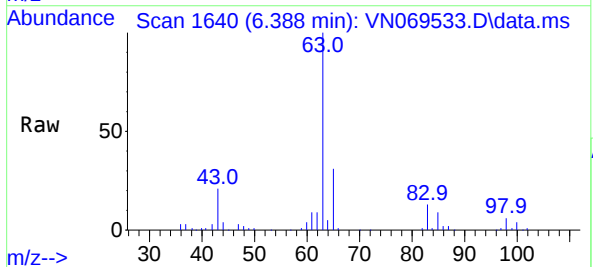
Manual Integrations
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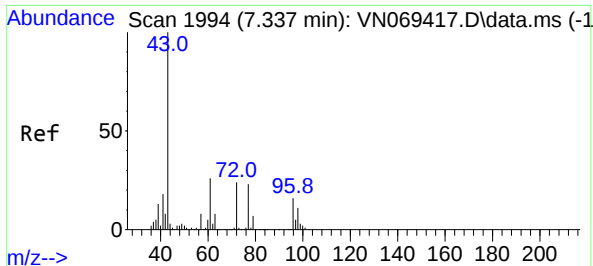
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 19.866 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069533.D
 Acq: 17 Nov 2021 16:37

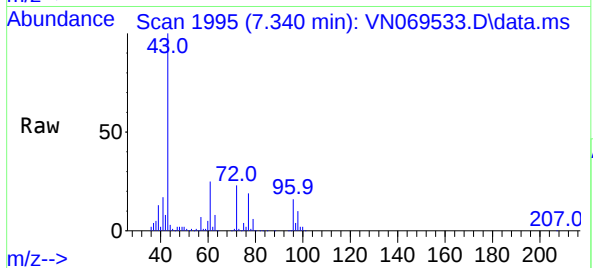
Tgt Ion: 63 Resp: 401309
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 98.011 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

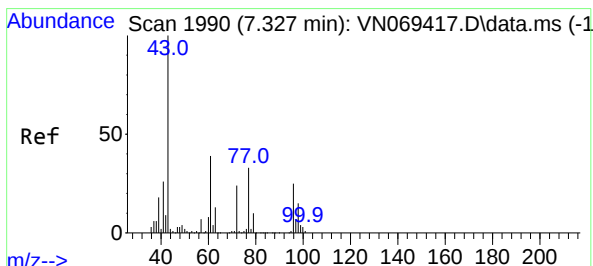
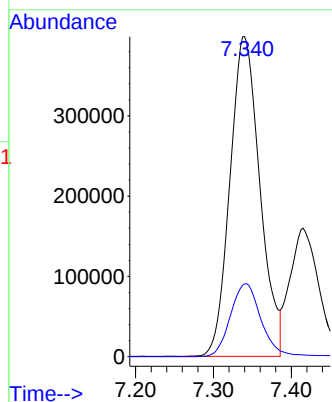
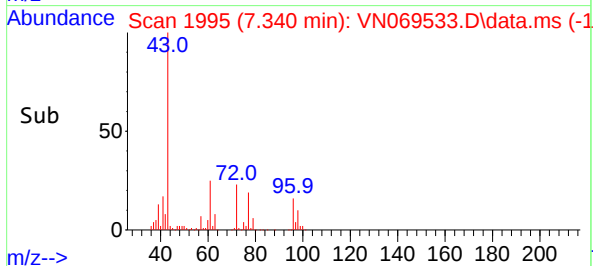
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



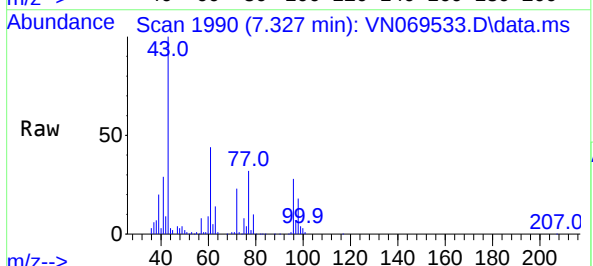
Tgt Ion: 43 Resp: 106673
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

Manual Integrations
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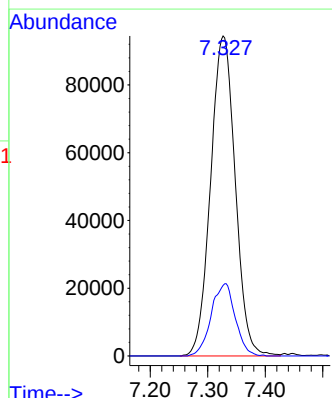
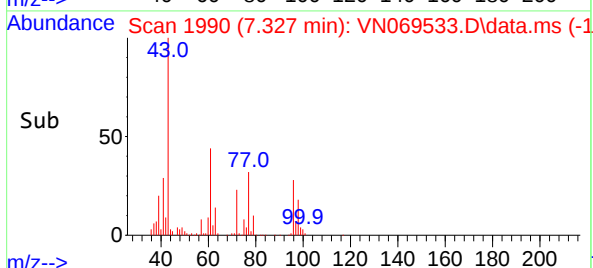
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

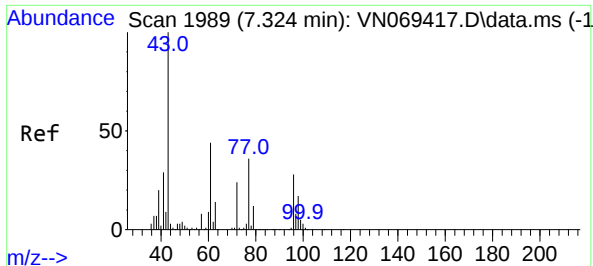


#26
2,2-Dichloropropane
Concen: 17.772 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



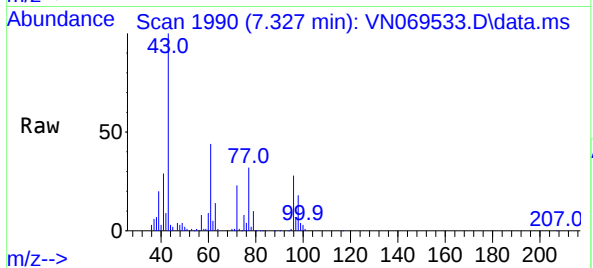
Tgt Ion: 77 Resp: 280893
Ion Ratio Lower Upper
77 100
97 22.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.865 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

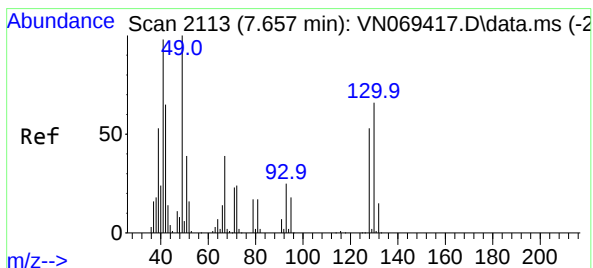
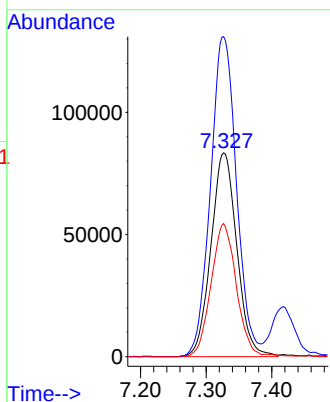
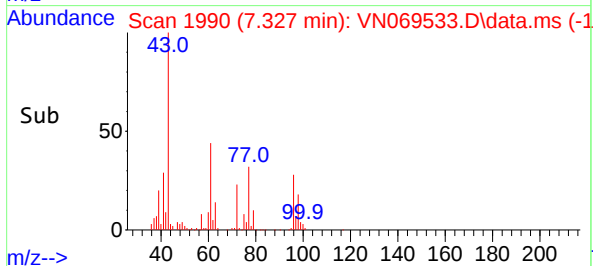
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 96 Resp: 229050
Ion Ratio Lower Upper
96 100
61 157.3 0.0 275.0
98 63.3 0.0 129.6

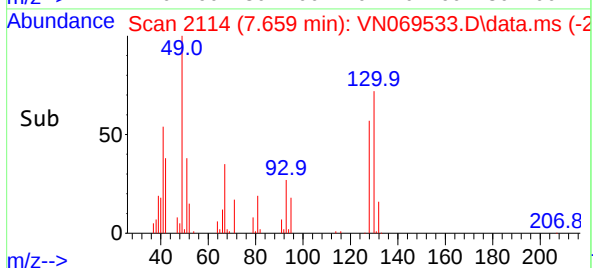
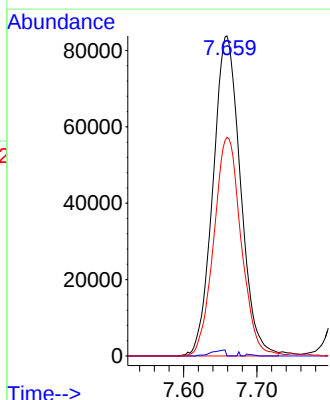
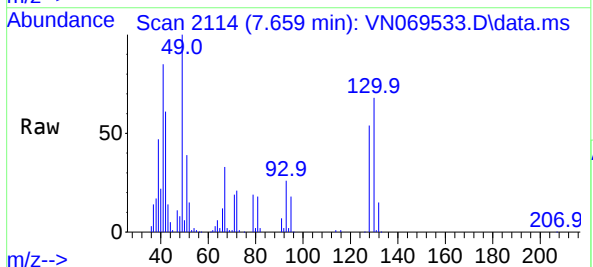
Manual Integrations
APPROVED

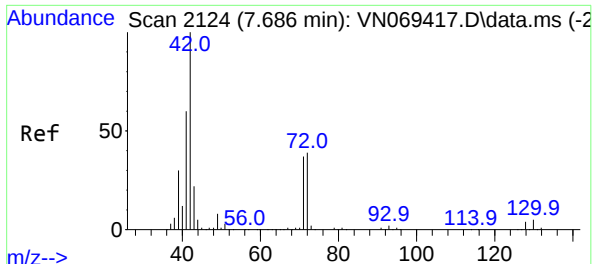
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 21.104 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

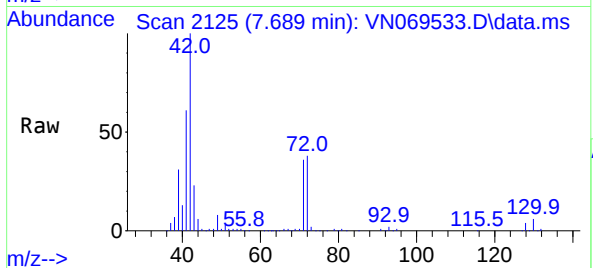
Tgt Ion: 49 Resp: 218317
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.0
130 68.0 67.8 101.8





#29
Tetrahydrofuran
Concen: 104.406 ug/l
RT: 7.689 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

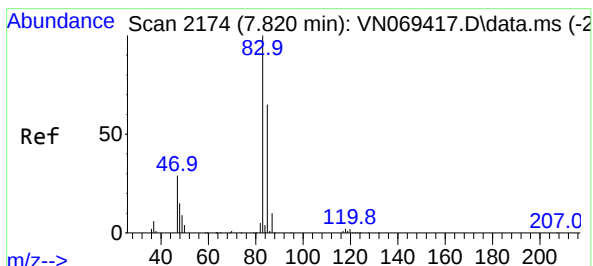
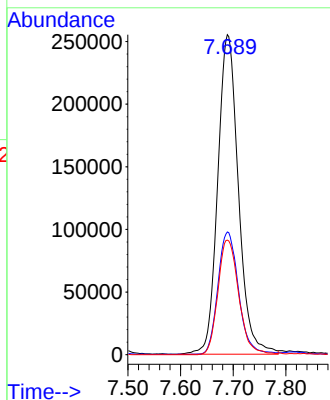
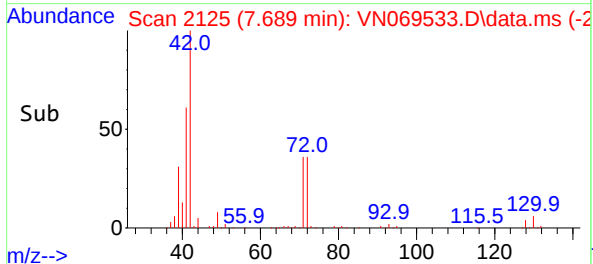
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



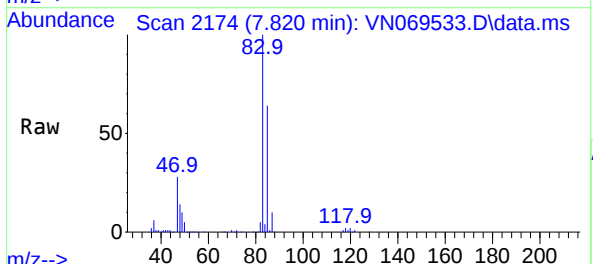
Tgt Ion: 42 Resp: 697339
Ion Ratio Lower Upper
42 100
72 38.3 36.3 54.5
71 36.1 34.7 52.1

Manual Integrations
APPROVED

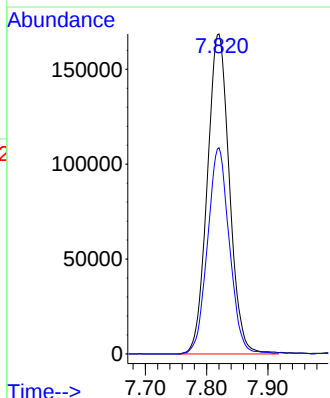
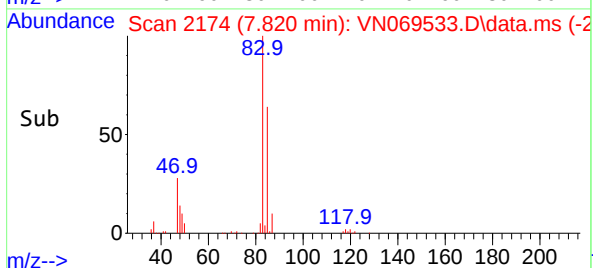
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

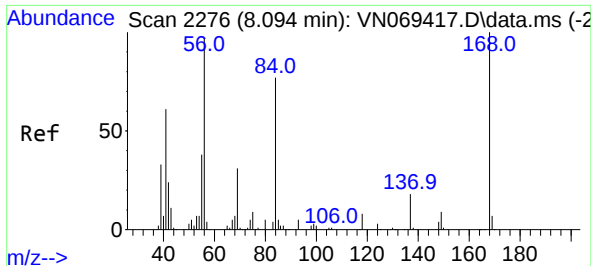


#30
Chloroform
Concen: 20.407 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



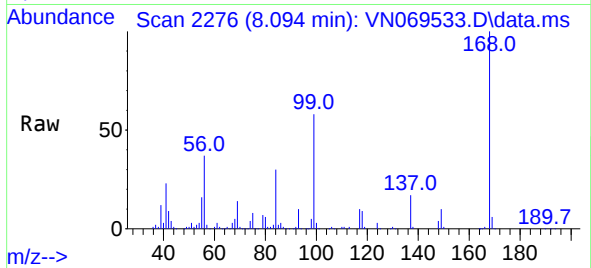
Tgt Ion: 83 Resp: 422615
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 18.205 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

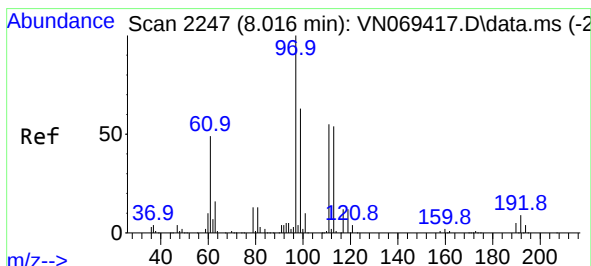
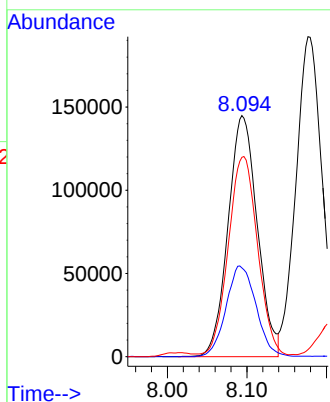
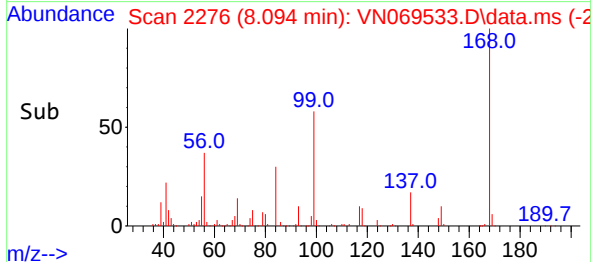
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



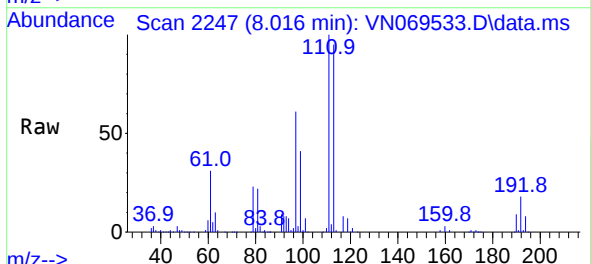
Tgt Ion: 56 Resp: 37052
Ion Ratio Lower Upper
56 100
69 36.9 27.1 40.7
84 81.1 73.4 110.0

Manual Integrations
APPROVED

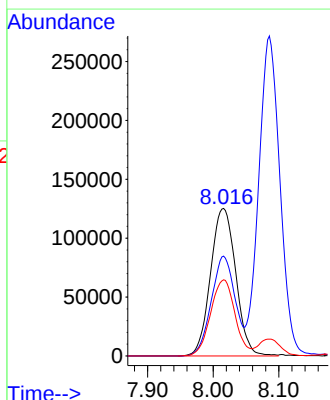
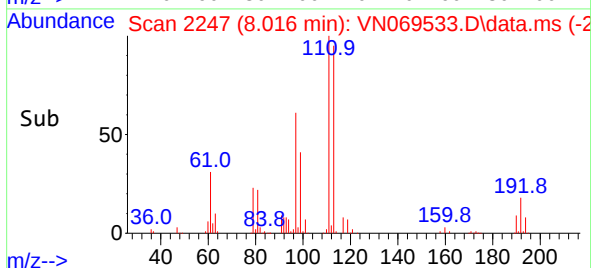
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#32
1,1,1-Trichloroethane
Concen: 19.392 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion: 97 Resp: 335211
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 50.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.862 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069533.D

Acq: 17 Nov 2021 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 65 Resp: 77261

Ion Ratio Lower Upper

65 100

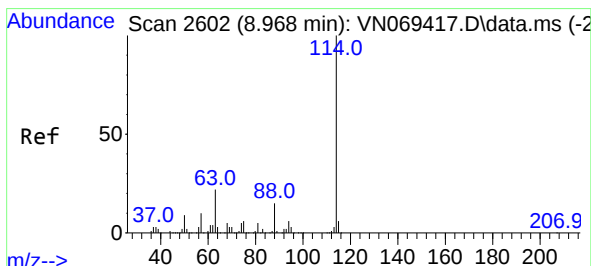
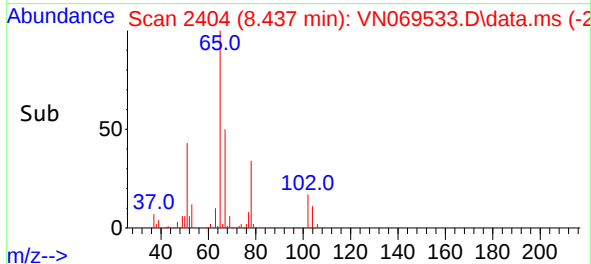
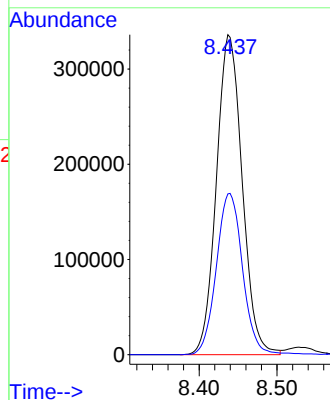
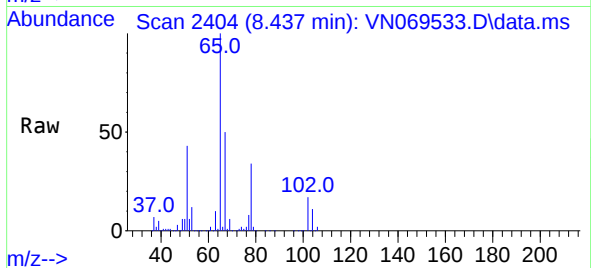
67 51.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069533.D

Acq: 17 Nov 2021 16:37

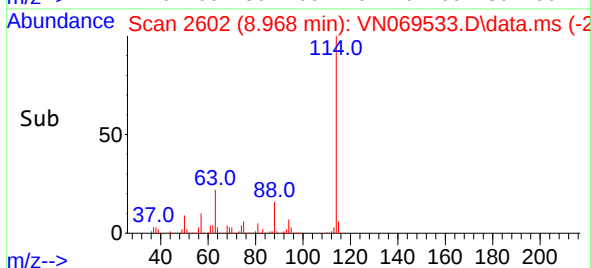
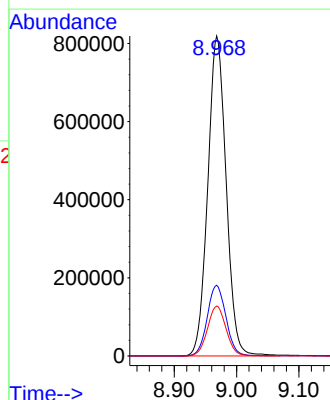
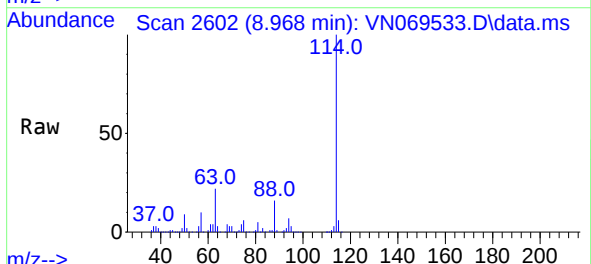
Tgt Ion:114 Resp: 1679496

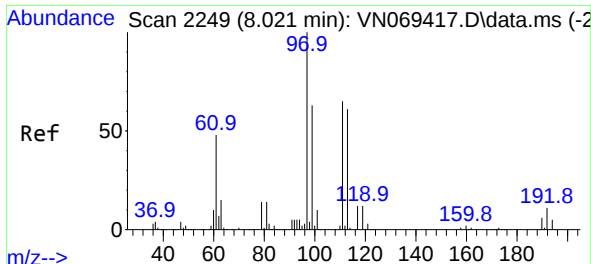
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

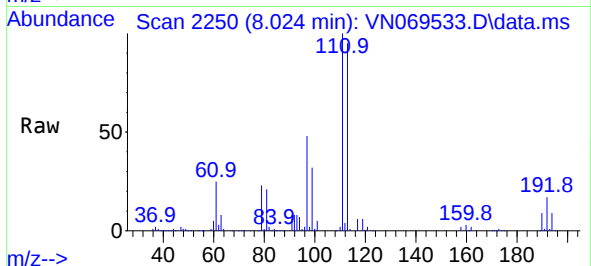
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.292 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

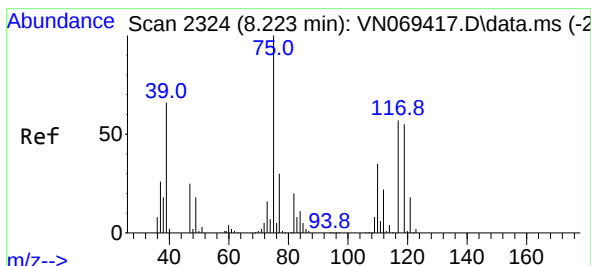
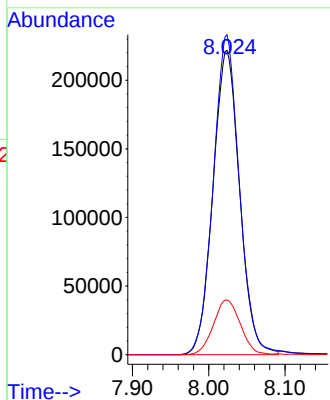
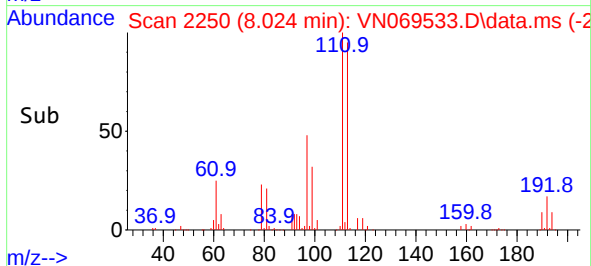
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



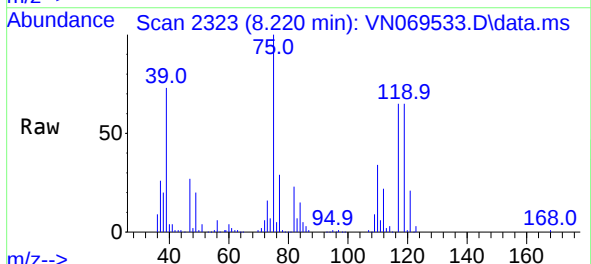
Tgt Ion:113 Resp: 536804
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 18.3 16.9 25.3

Manual Integrations
APPROVED

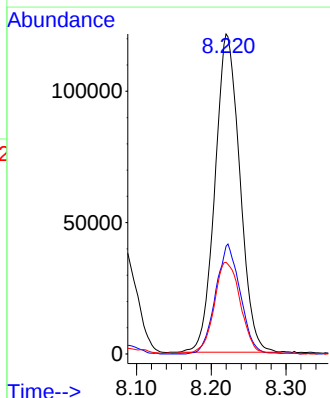
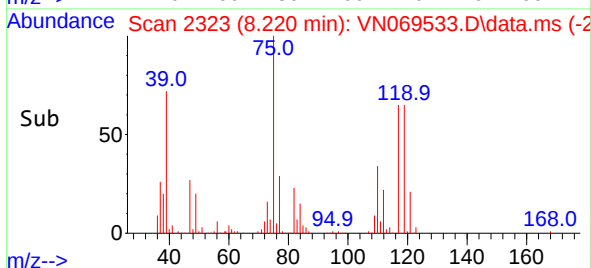
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

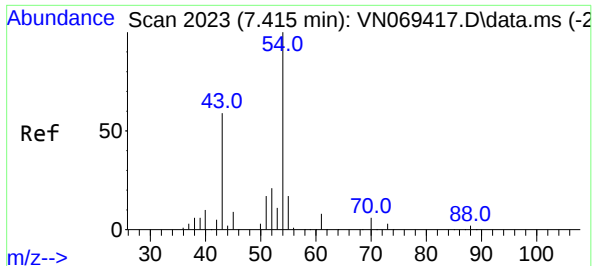


#36
1,1-Dichloropropene
Concen: 19.730 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion: 75 Resp: 278823
Ion Ratio Lower Upper
75 100
110 34.4 18.4 55.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 20.429 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Instrument :

MSVOA_N

ClientSampleId :

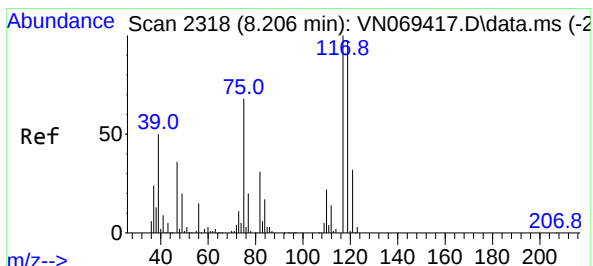
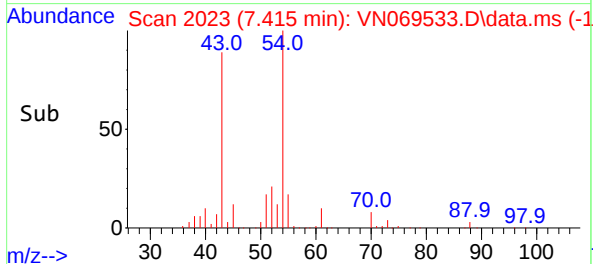
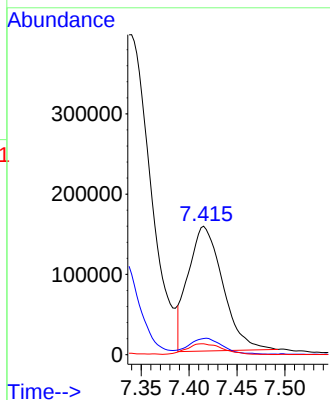
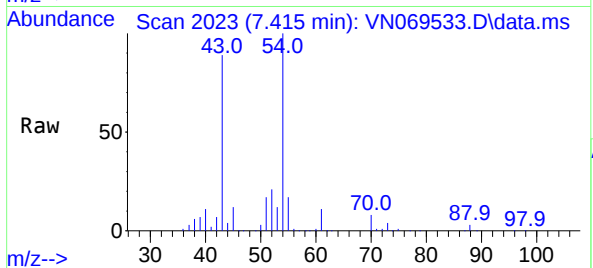
VN1117WBSD01

Tgt Ion: 43 Resp: 390260
Ion Ratio Lower Upper
43 100
61 12.3 11.5 17.3
70 8.9 7.9 11.9

Manual Integrations

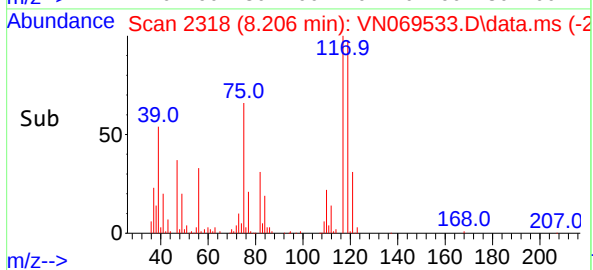
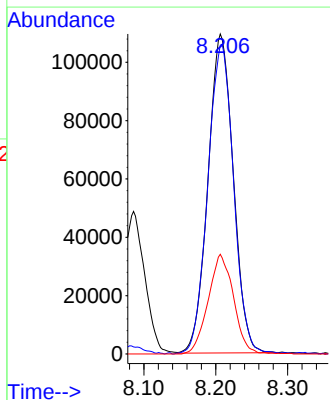
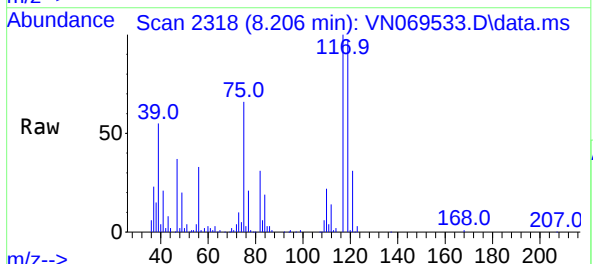
APPROVED

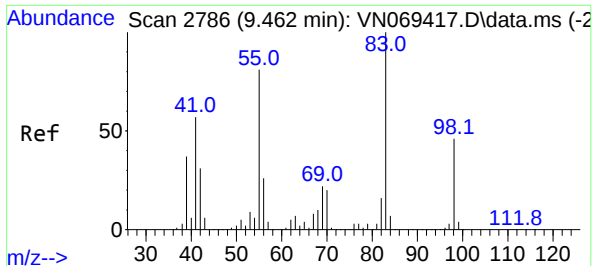
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 19.581 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

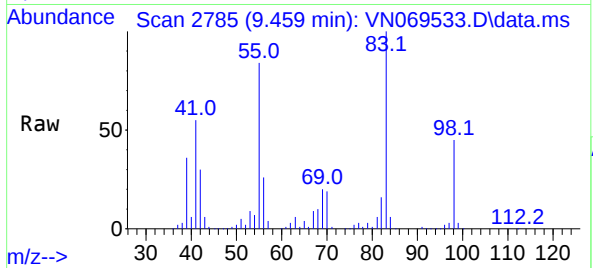
Tgt Ion:117 Resp: 267150
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
121 31.3 24.2 36.2





#39
Methylcyclohexane
Concen: 18.814 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

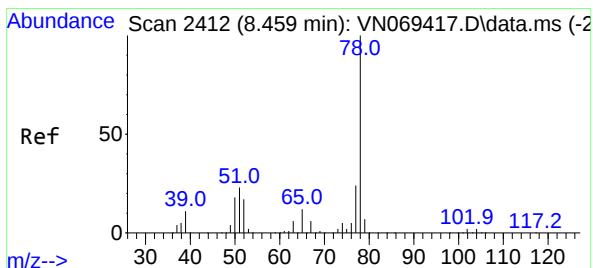
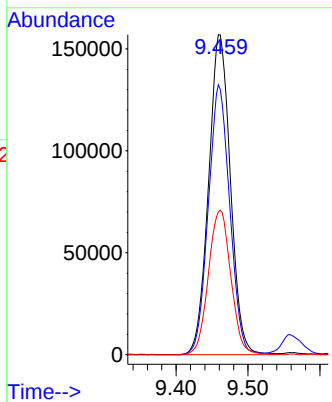
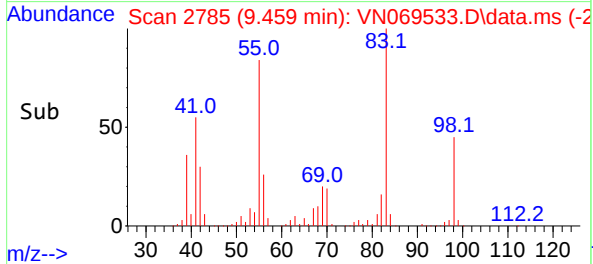
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 83 Resp: 330750
Ion Ratio Lower Upper
83 100
55 84.3 58.1 87.1
98 44.6 38.4 57.6

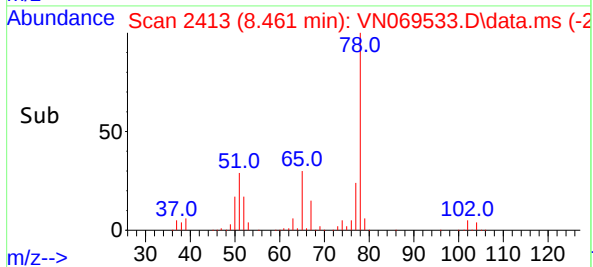
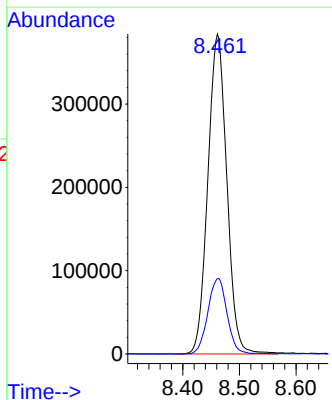
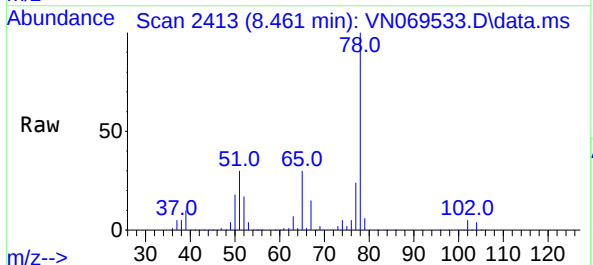
Manual Integrations
APPROVED

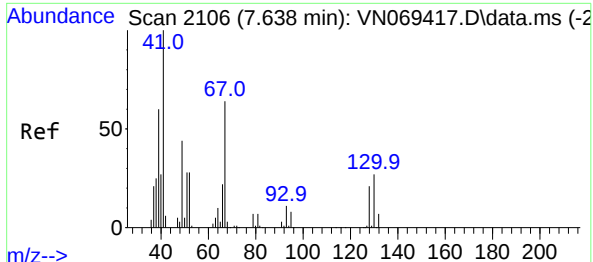
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 20.485 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

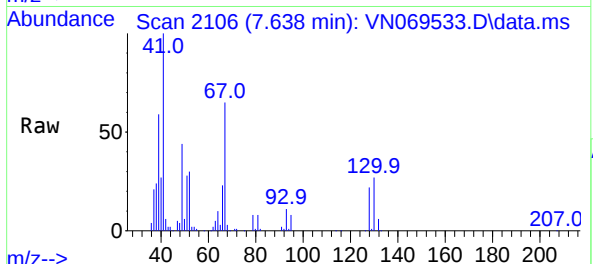
Tgt Ion: 78 Resp: 893565
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 20.118 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

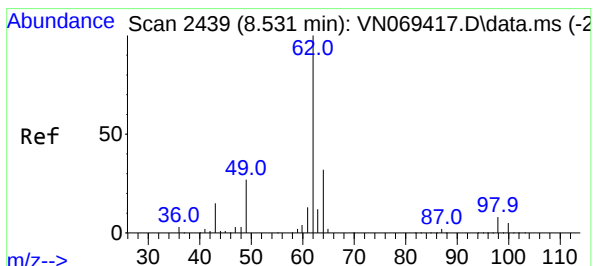
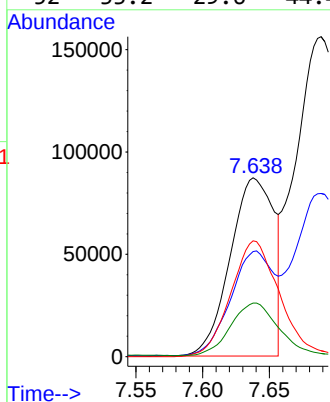
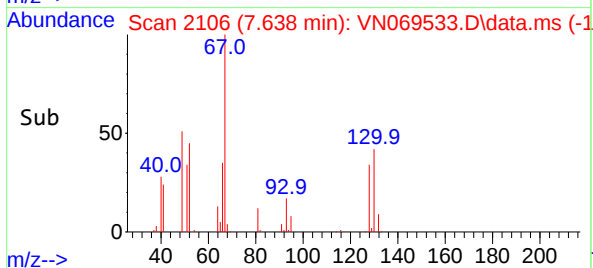
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 41 Resp: 198580
Ion Ratio Lower Upper
41 100
39 57.6 48.1 72.1
67 73.5 68.3 102.5
52 33.2 29.6 44.4

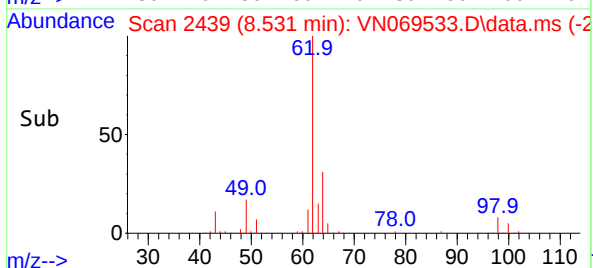
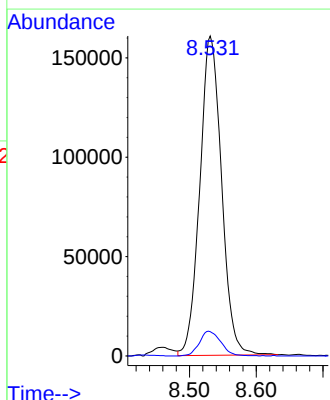
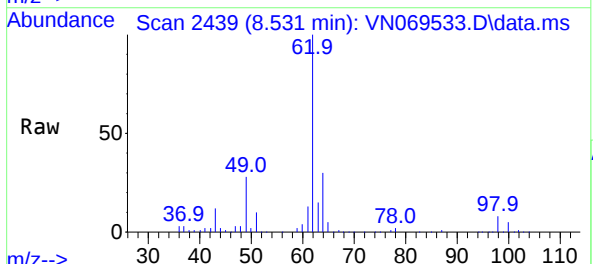
Manual Integrations
APPROVED

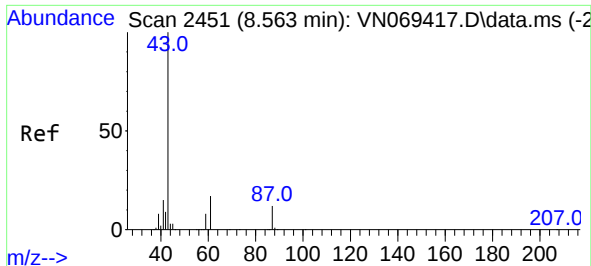
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 21.309 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

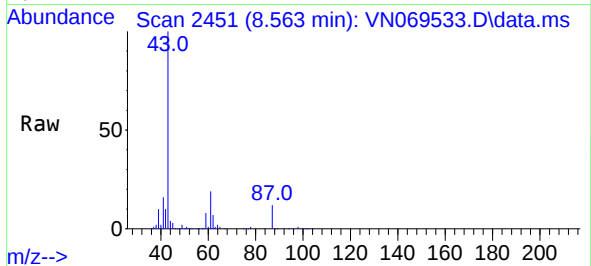
Tgt Ion: 62 Resp: 363964
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.834 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

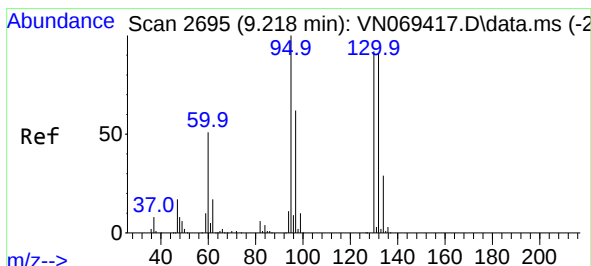
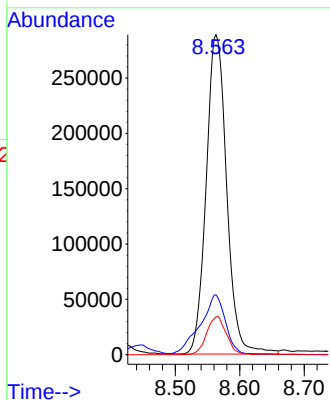
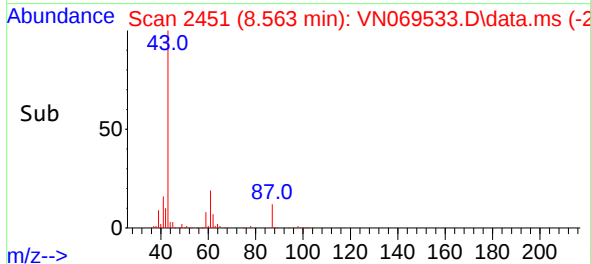
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 43 Resp: 63928
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.5 11.2 16.8

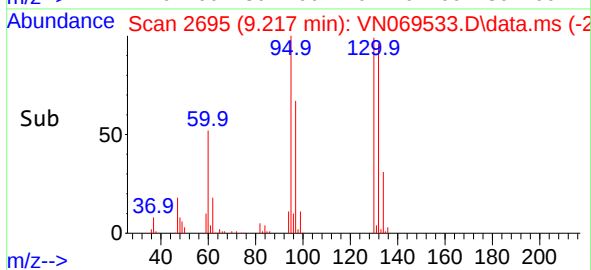
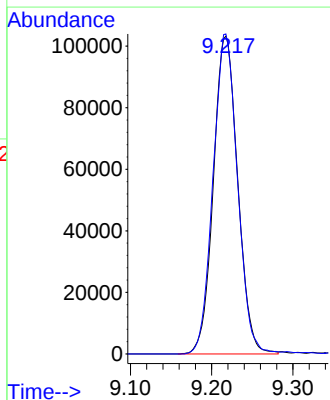
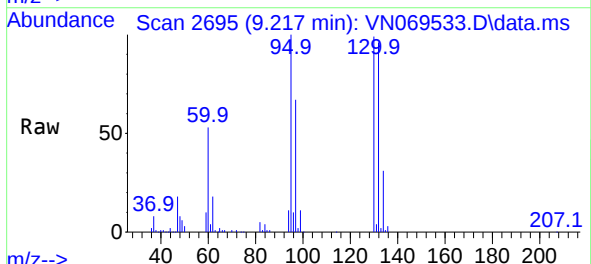
Manual Integrations
APPROVED

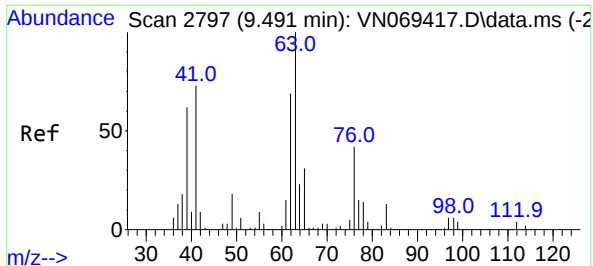
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 20.564 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Tgt Ion:130 Resp: 214675
Ion Ratio Lower Upper
130 100
95 100.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.894 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069533.D

Acq: 17 Nov 2021 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 63 Resp: 24350

Ion Ratio Lower Upper

63 100

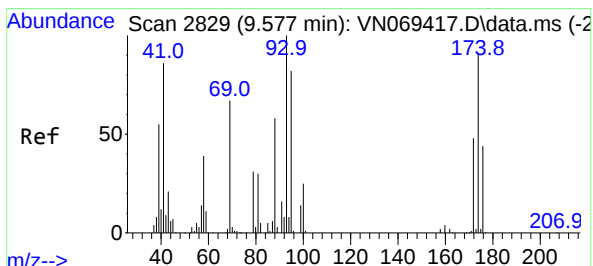
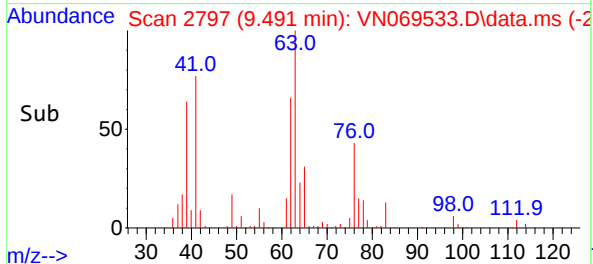
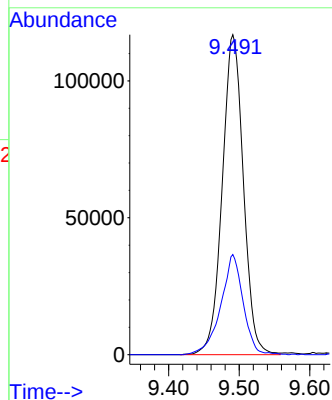
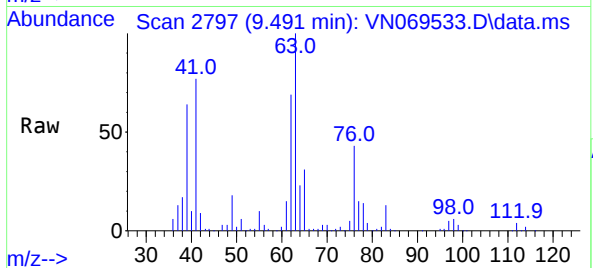
65 31.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 20.623 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069533.D

Acq: 17 Nov 2021 16:37

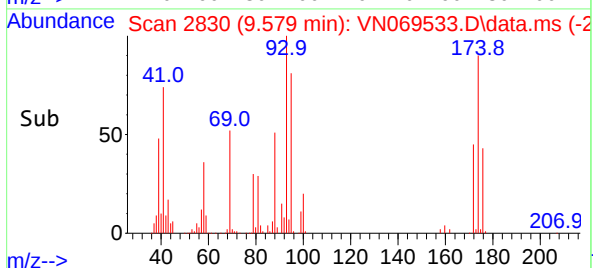
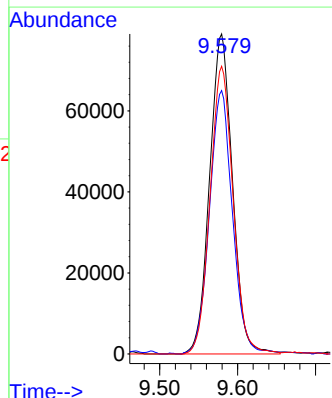
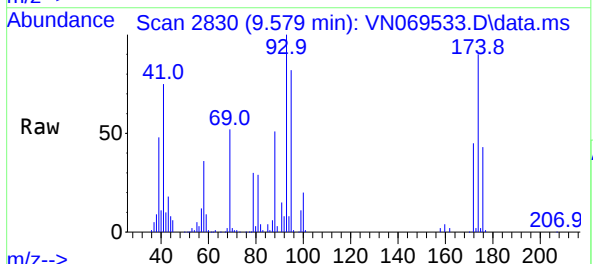
Tgt Ion: 93 Resp: 160987

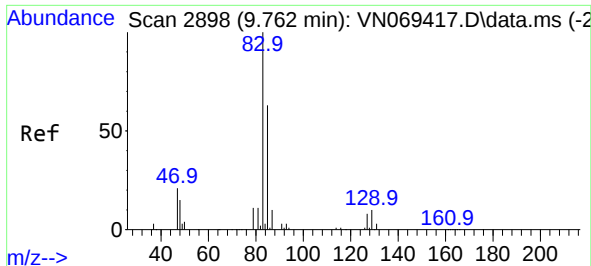
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

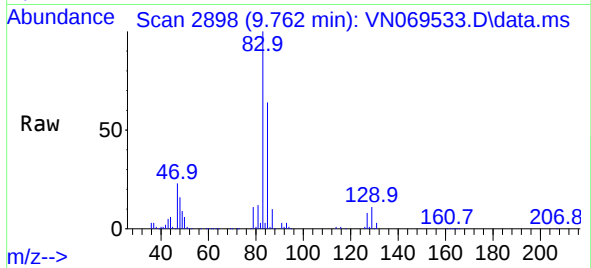
174 90.7 84.6 127.0





#47
Bromodichloromethane
Concen: 20.359 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

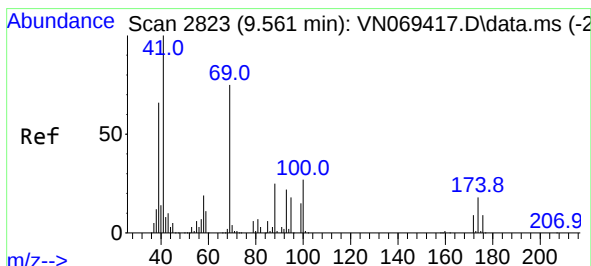
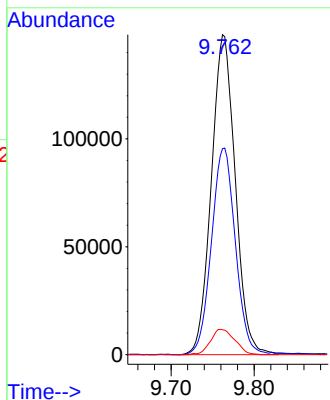
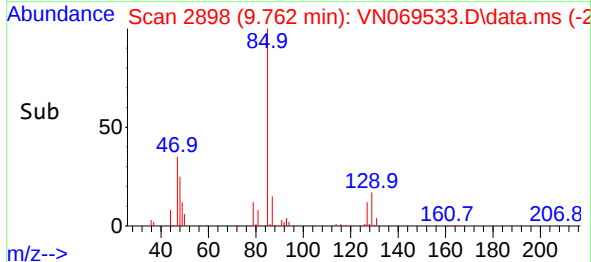
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



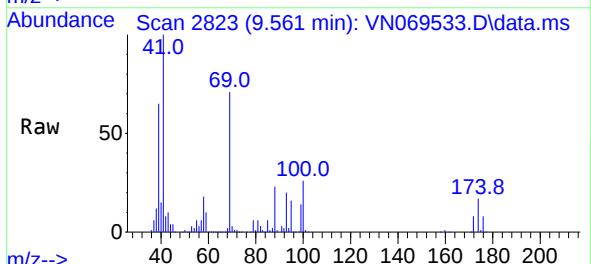
Tgt Ion: 83 Resp: 29656
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations
APPROVED

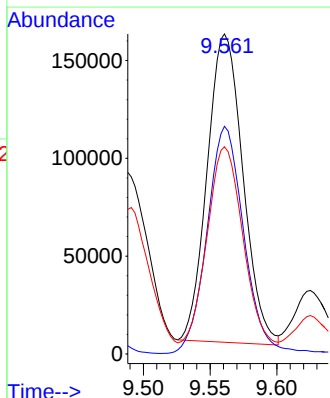
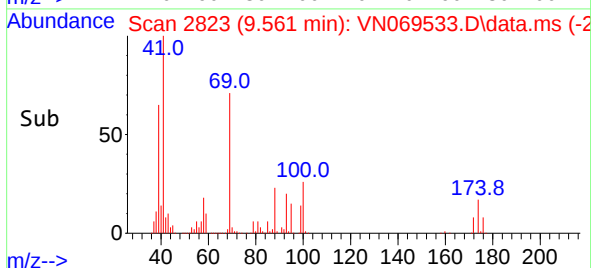
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

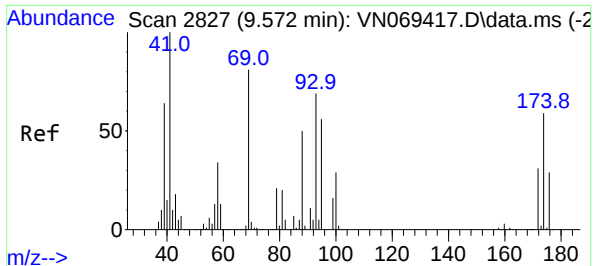


#48
Methyl methacrylate
Concen: 20.292 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion: 41 Resp: 292934
Ion Ratio Lower Upper
41 100
69 76.2 72.4 108.6
39 69.6 58.4 87.6





#49

1,4-Dioxane

Concen: 393.079 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. -0.001 min

Lab File: VN069533.D

Acq: 17 Nov 2021 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 88 Resp: 105399

Ion Ratio Lower Upper

88 100

43 33.8 23.4 35.2

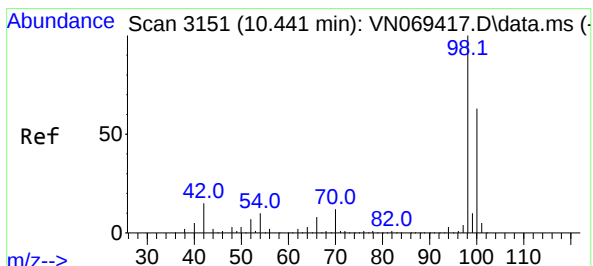
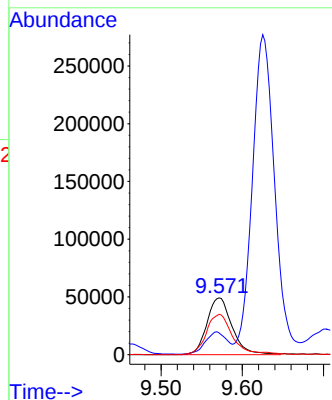
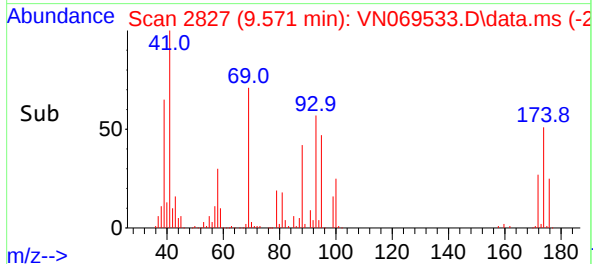
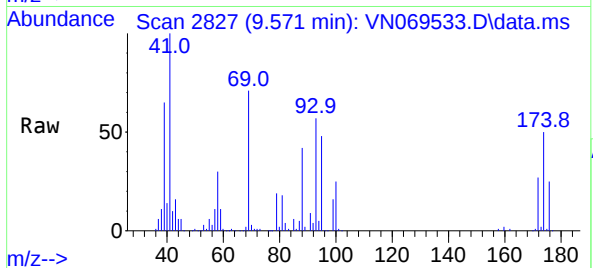
58 72.5 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 52.381 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069533.D

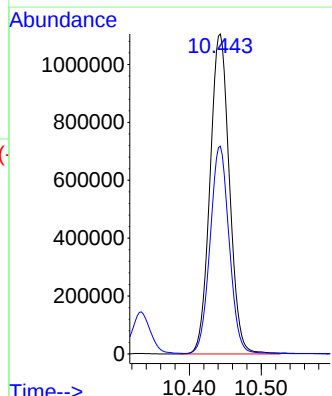
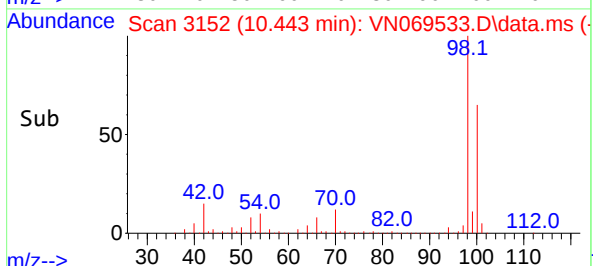
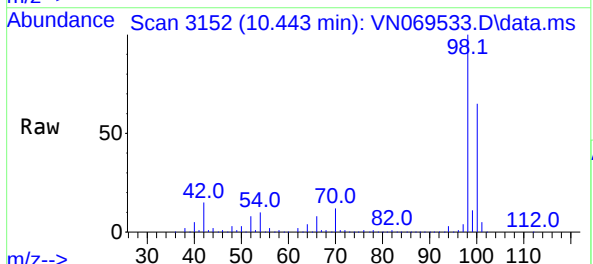
Acq: 17 Nov 2021 16:37

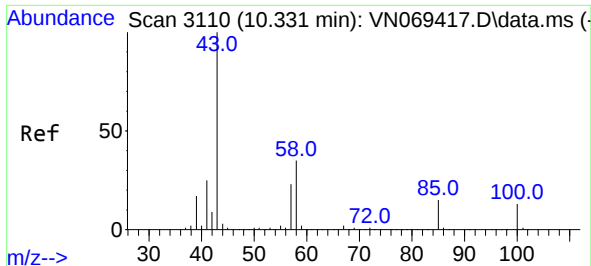
Tgt Ion: 98 Resp: 2075171

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6





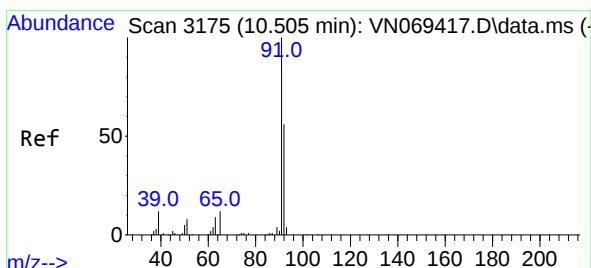
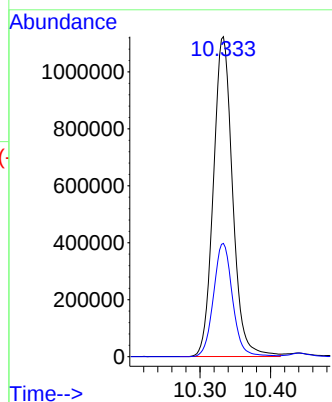
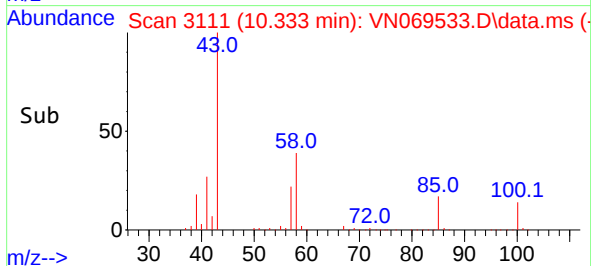
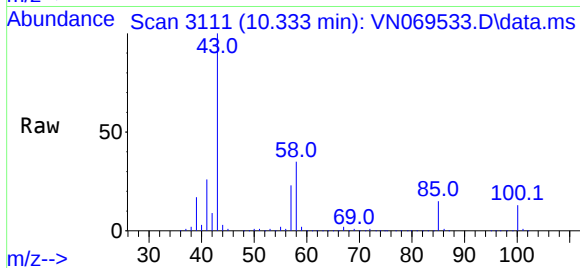
#51
4-Methyl-2-Pentanone
Concen: 107.395 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 43 Resp: 212703
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

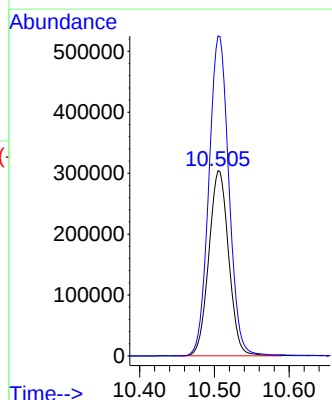
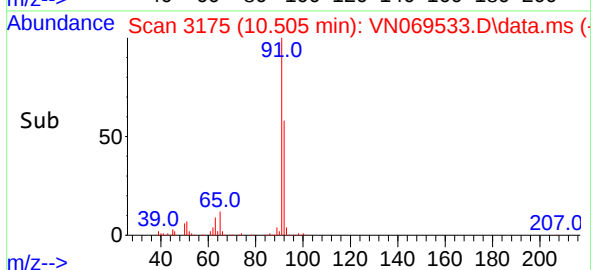
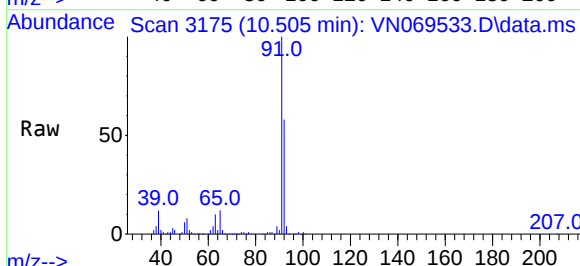
Manual Integrations
APPROVED

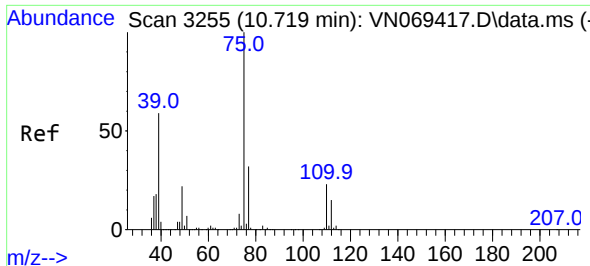
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 20.593 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

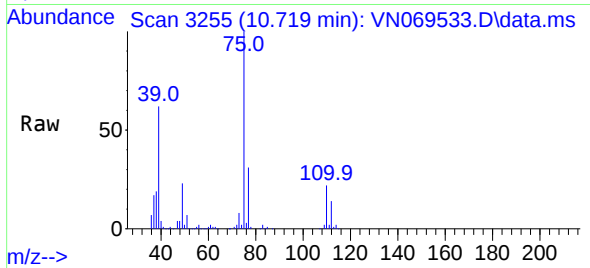
Tgt Ion: 92 Resp: 559603
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.811 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

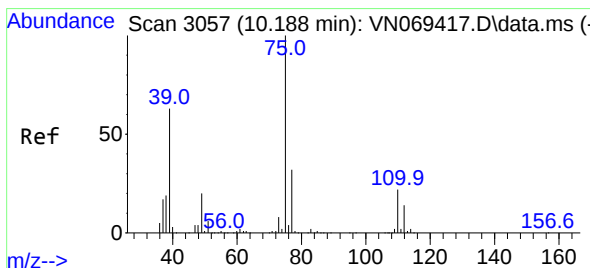
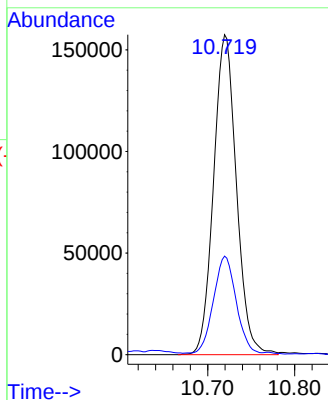
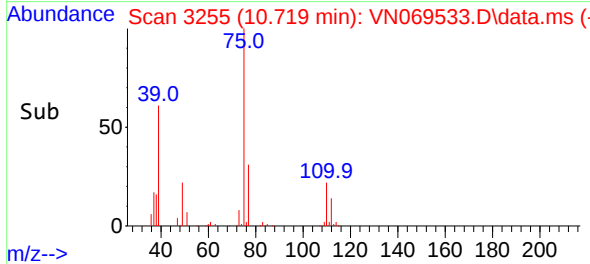
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



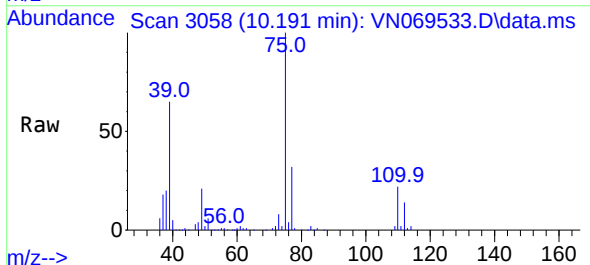
Tgt Ion: 75 Resp: 28688
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4

Manual Integrations
APPROVED

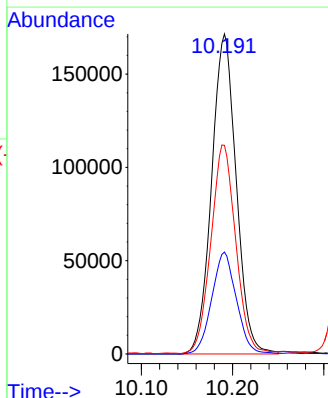
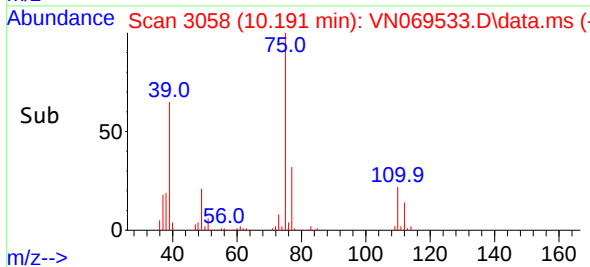
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

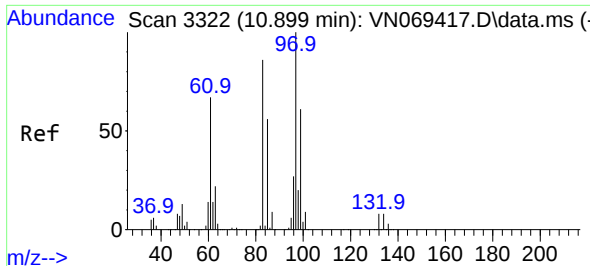


#54
cis-1,3-Dichloropropene
Concen: 18.184 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



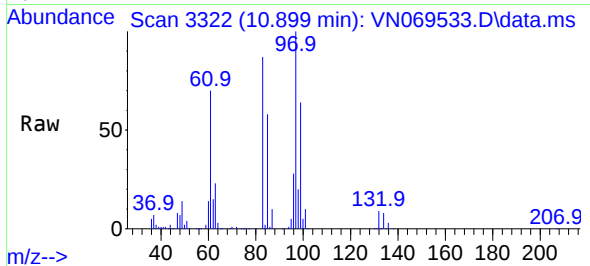
Tgt Ion: 75 Resp: 321627
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
39 65.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.904 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

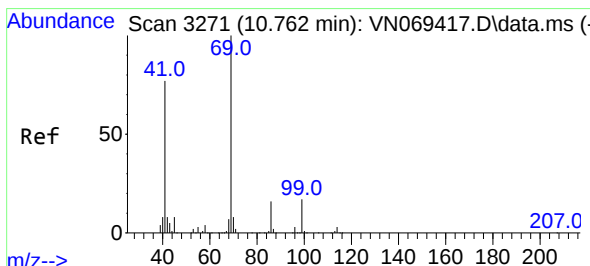
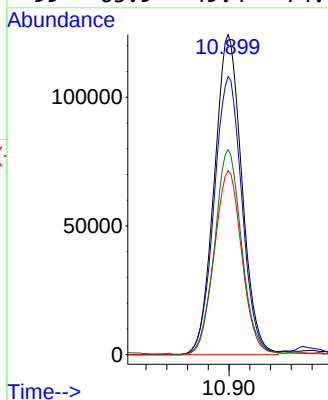
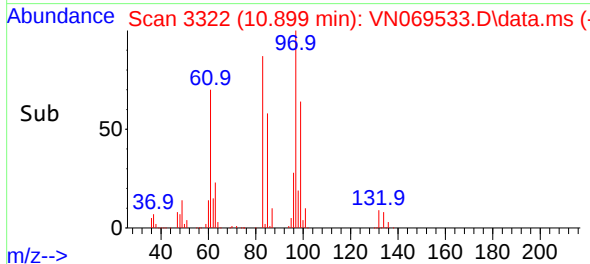
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



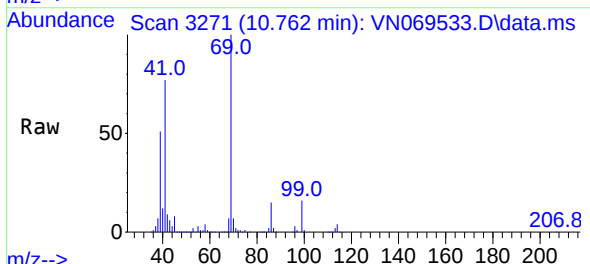
Tgt Ion: 97 Resp: 228991
Ion Ratio Lower Upper
97 100
83 86.9 67.8 101.6
85 57.5 45.4 68.2
99 63.9 49.4 74.0

Manual Integrations
APPROVED

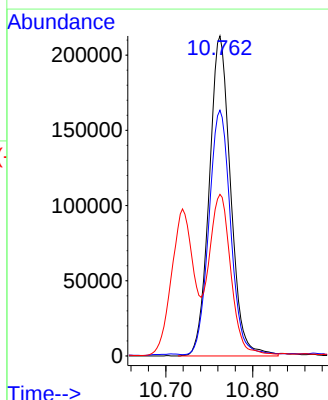
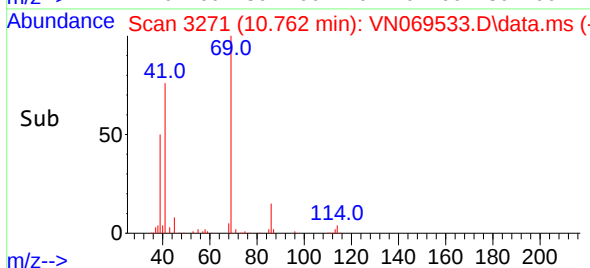
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

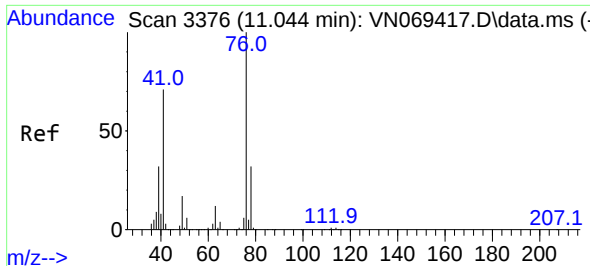


#56
Ethyl methacrylate
Concen: 18.947 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion: 69 Resp: 363691
Ion Ratio Lower Upper
69 100
41 77.6 51.4 77.0#
39 50.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.363 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VN069533.D

Acq: 17 Nov 2021 16:37

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 76 Resp: 391974

Ion Ratio Lower Upper

76 100

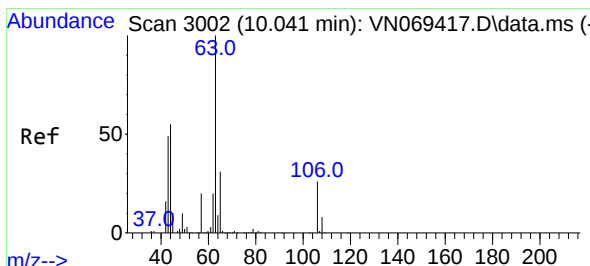
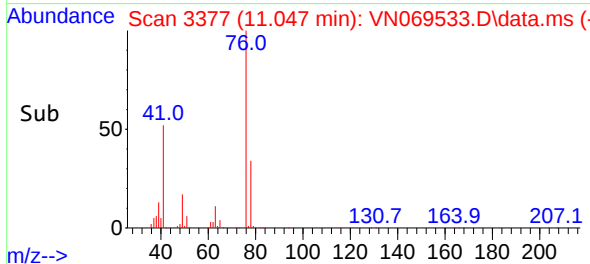
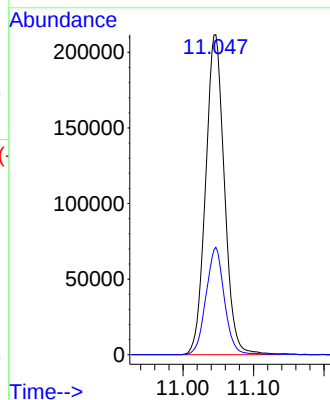
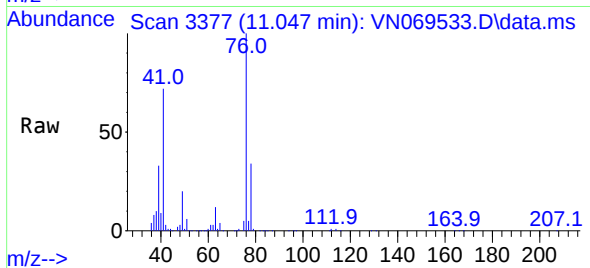
78 32.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 93.424 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069533.D

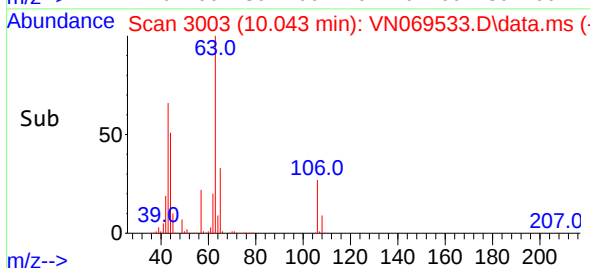
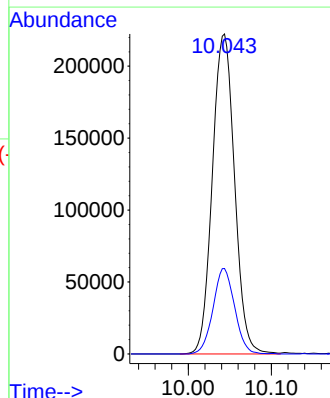
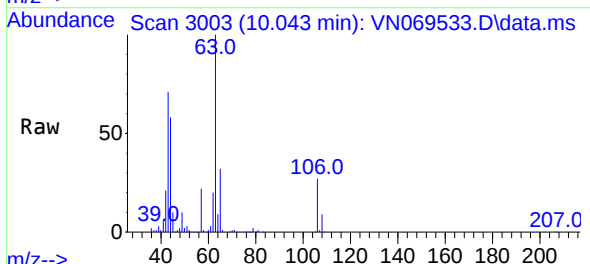
Acq: 17 Nov 2021 16:37

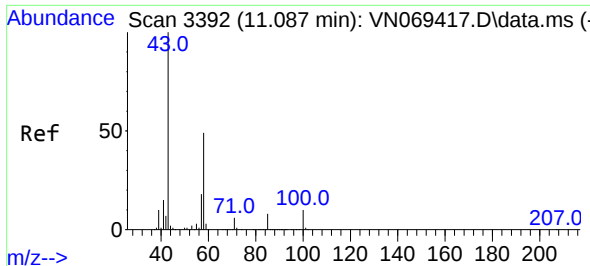
Tgt Ion: 63 Resp: 412618

Ion Ratio Lower Upper

63 100

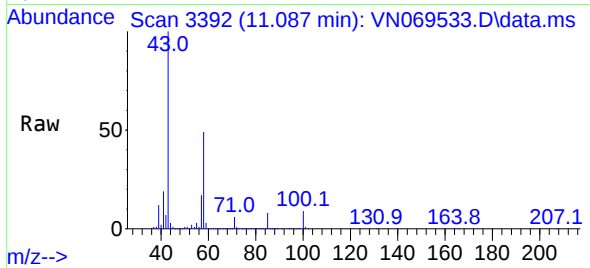
106 25.9 23.9 35.9





#59
2-Hexanone
Concen: 95.776 ug/l
RT: 11.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

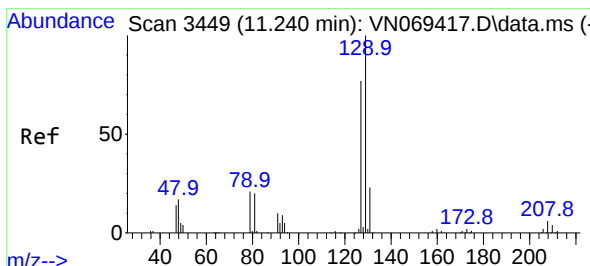
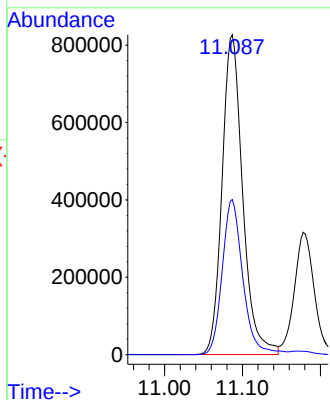
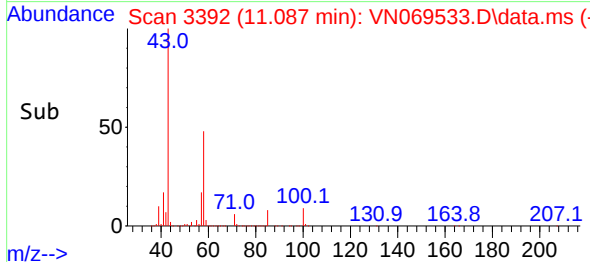
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 43 Resp: 1517020
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

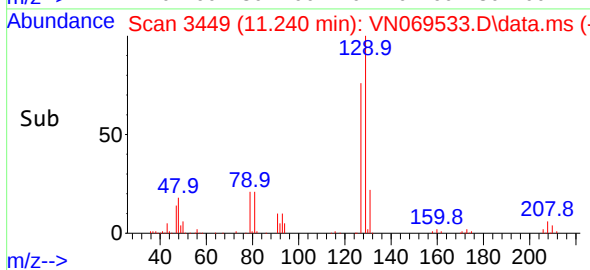
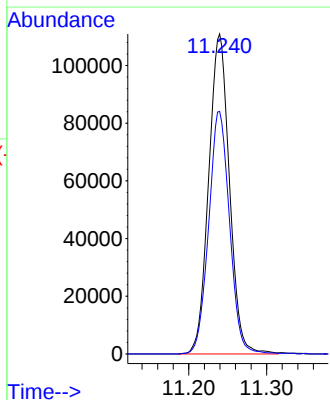
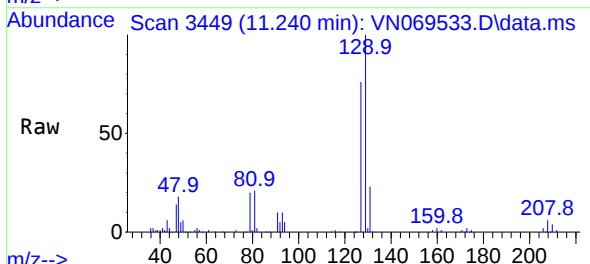
Manual Integrations
APPROVED

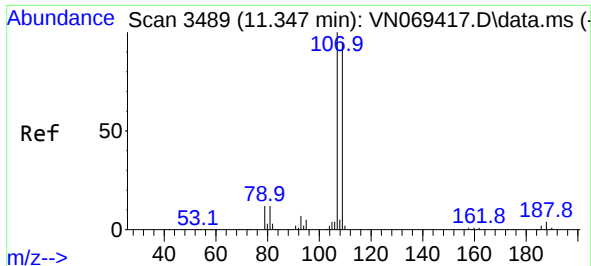
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 18.653 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

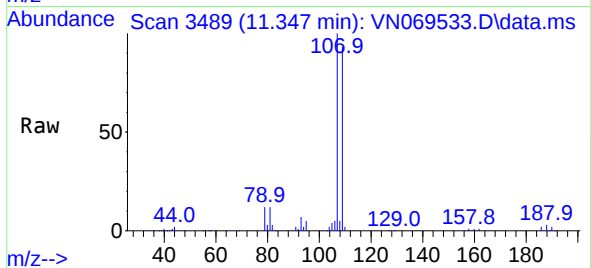
Tgt Ion:129 Resp: 205117
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.260 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

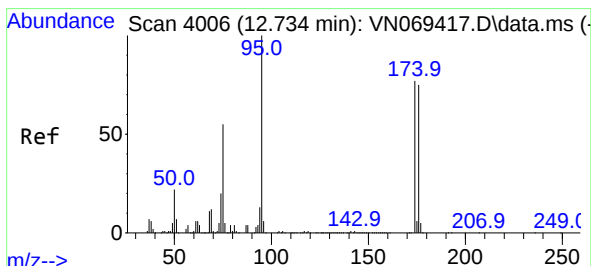
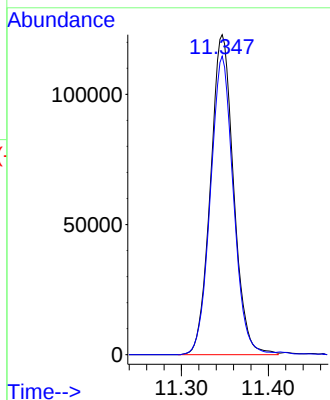
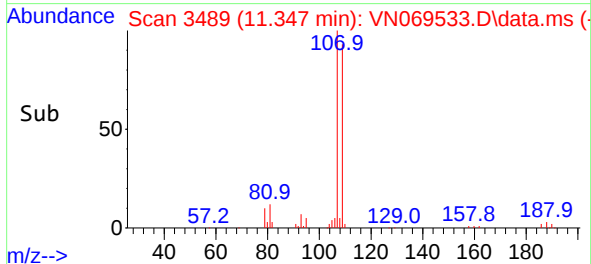
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



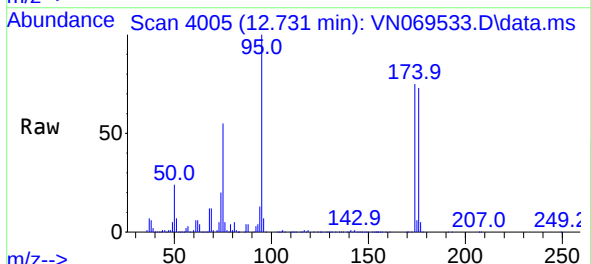
Tgt Ion:107 Resp: 227264
Ion Ratio Lower Upper
107 100
109 92.6 75.7 113.5

Manual Integrations
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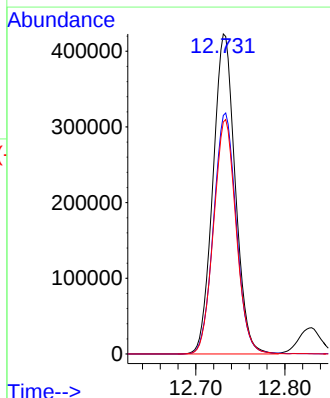
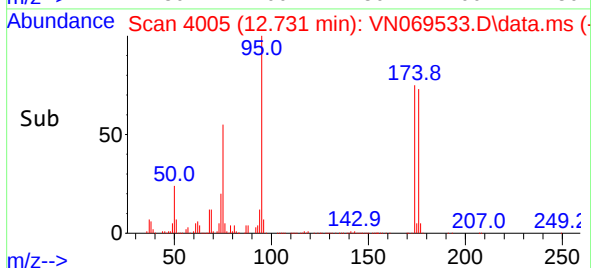
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

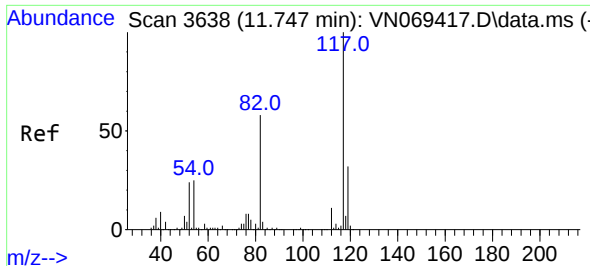


#62
4-Bromofluorobenzene
Concen: 50.555 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



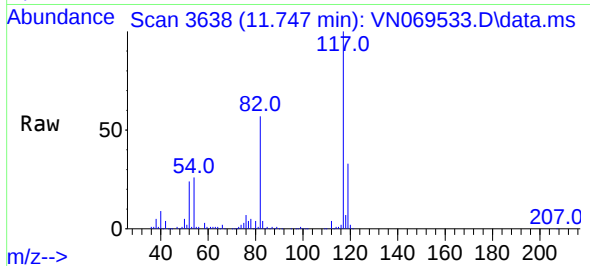
Tgt Ion: 95 Resp: 735756
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 74.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

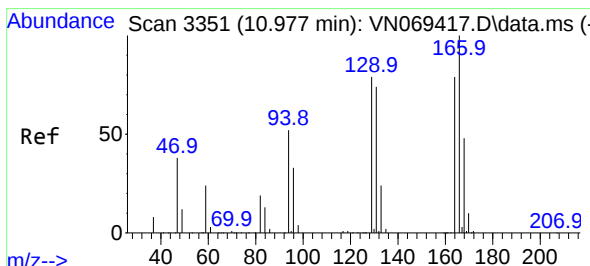
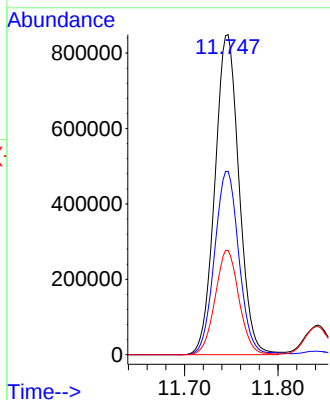
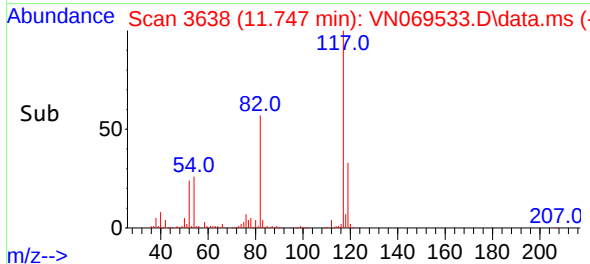
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



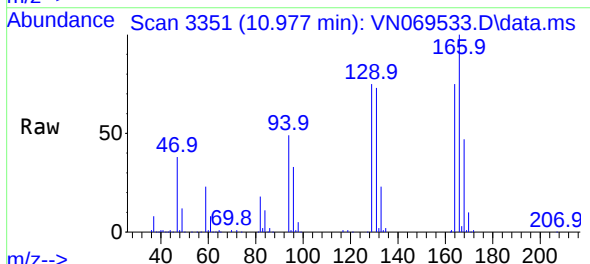
Tgt Ion:117 Resp: 152179
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.6 25.4 38.2

Manual Integrations
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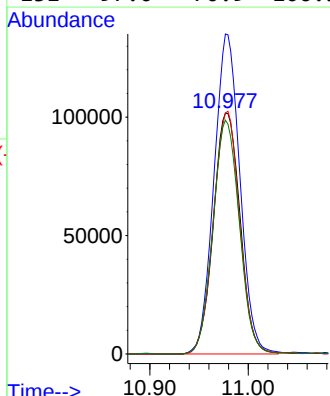
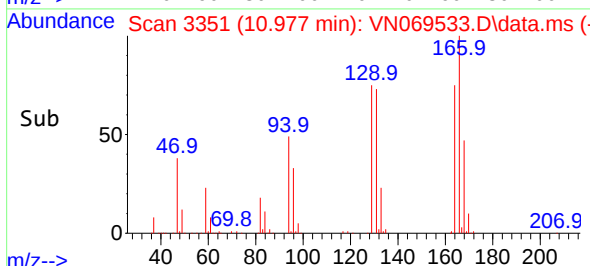
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

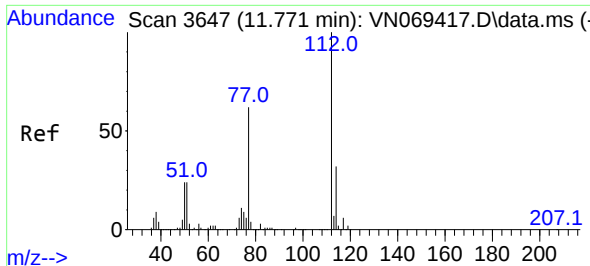


#64
Tetrachloroethene
Concen: 20.893 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion:164 Resp: 191984
Ion Ratio Lower Upper
164 100
166 132.8 101.9 152.9
129 100.0 72.0 108.0
131 97.0 70.9 106.3





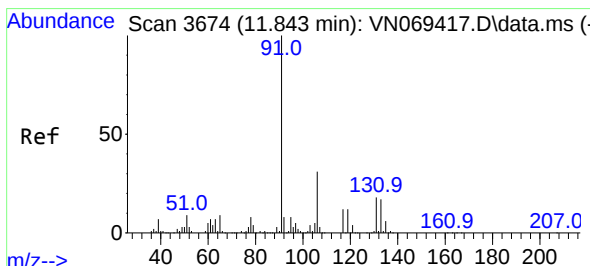
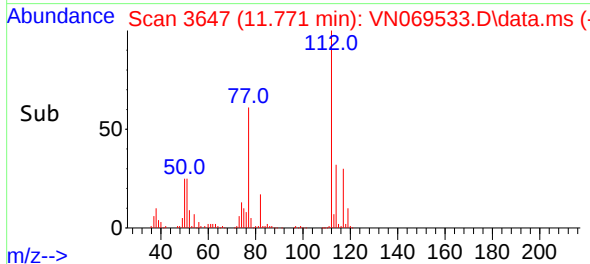
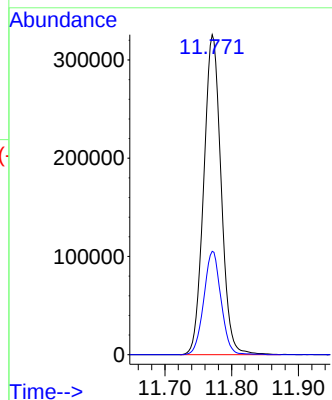
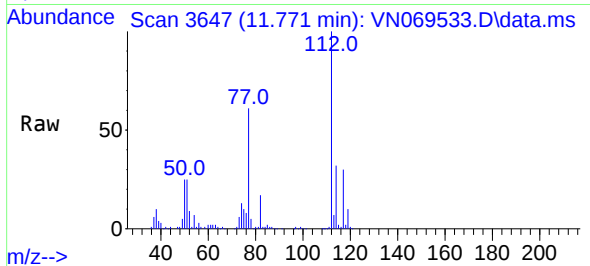
#65
Chlorobenzene
Concen: 20.777 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:112 Resp: 58853
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

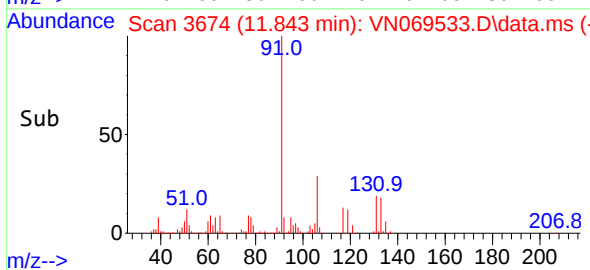
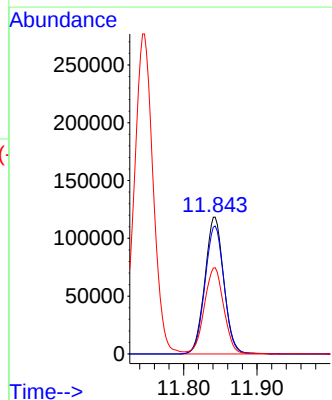
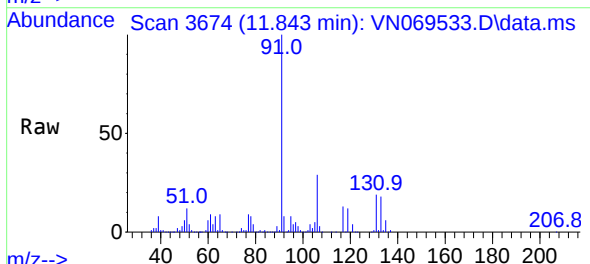
Manual Integrations
APPROVED

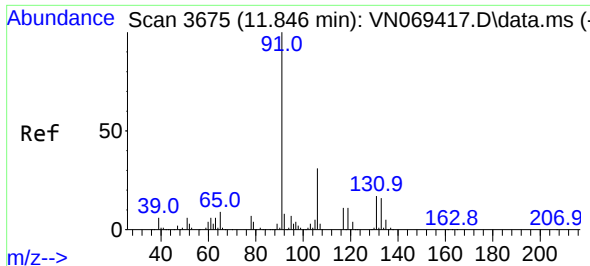
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.642 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

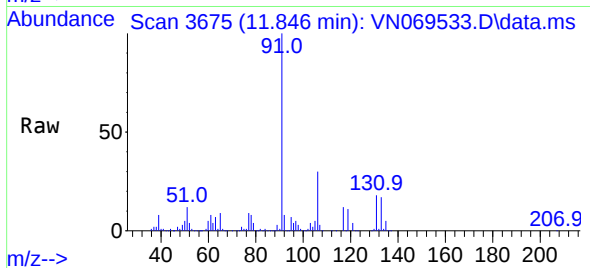
Tgt Ion:131 Resp: 212631
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.7
119 63.8 32.1 96.5





#67
Ethyl Benzene
Concen: 20.536 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

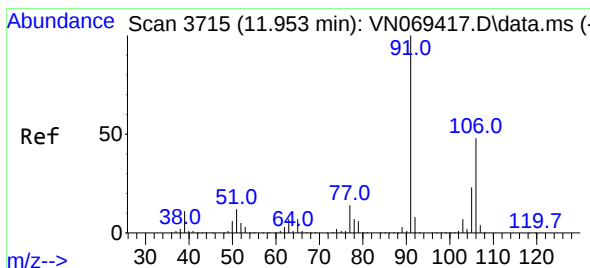
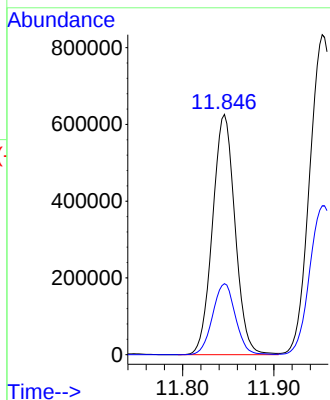
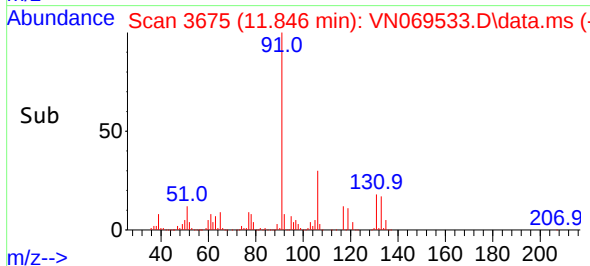
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



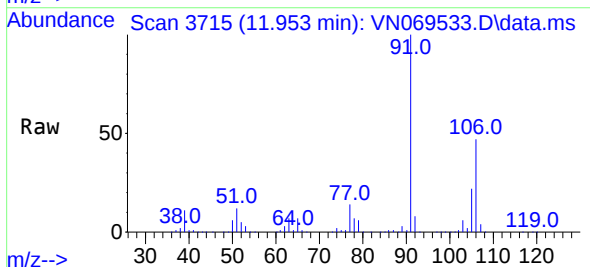
Tgt Ion: 91 Resp: 1072869
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

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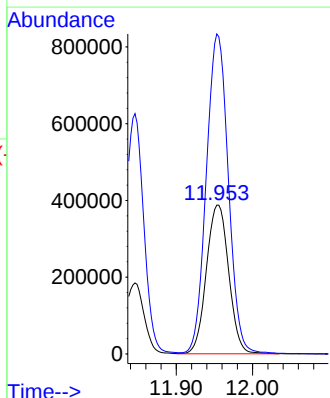
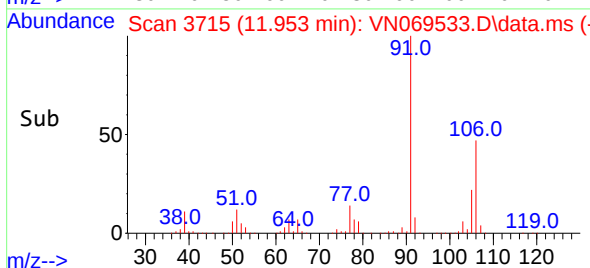
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

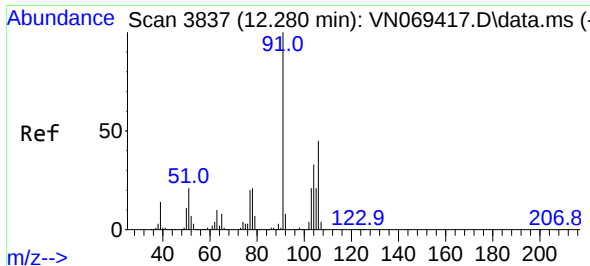


#68
m/p-Xylenes
Concen: 41.006 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



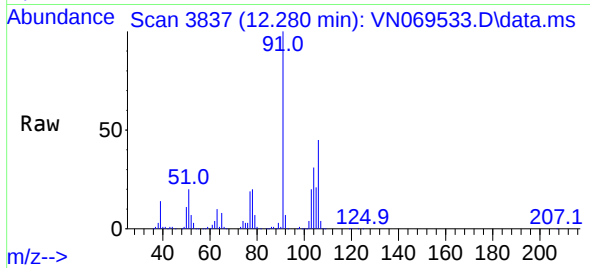
Tgt Ion:106 Resp: 787879
Ion Ratio Lower Upper
106 100
91 212.2 160.6 240.8





#69
o-Xylene
Concen: 20.853 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

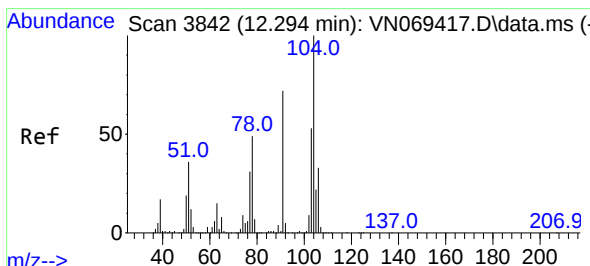
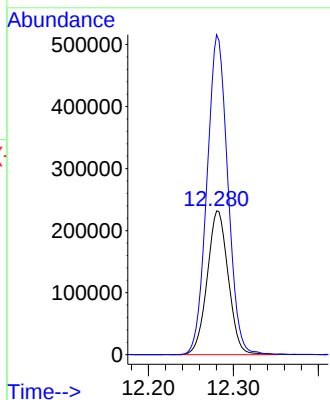
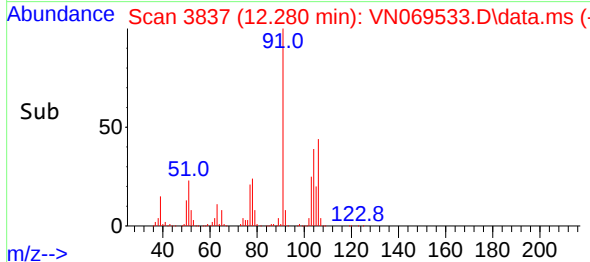
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



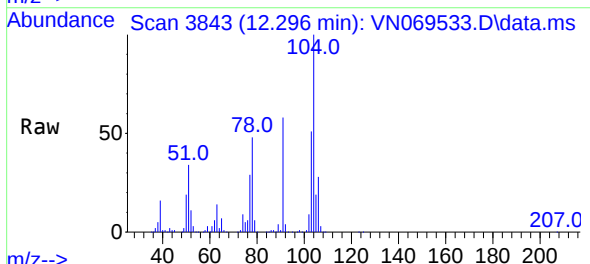
Tgt Ion:106 Resp: 399438
Ion Ratio Lower Upper
106 100
91 220.5 105.8 317.3

Manual Integrations
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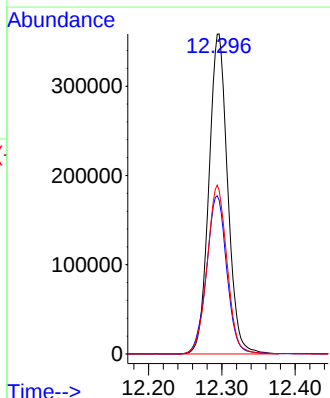
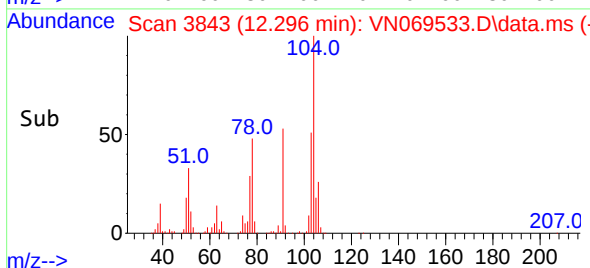
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

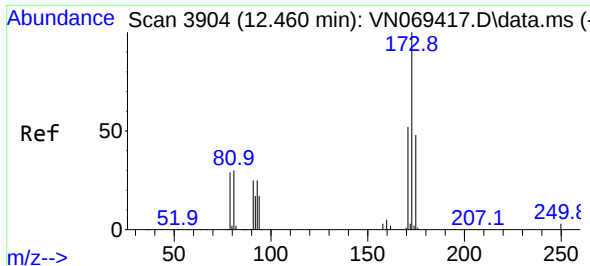


#70
Styrene
Concen: 19.516 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



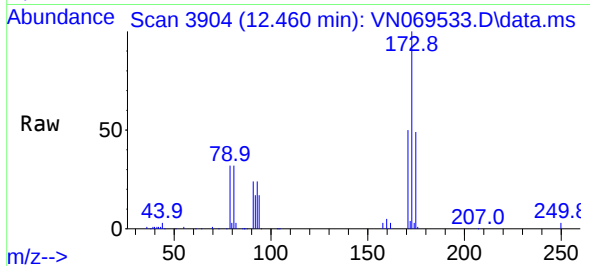
Tgt Ion:104 Resp: 638326
Ion Ratio Lower Upper
104 100
78 53.5 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 18.188 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

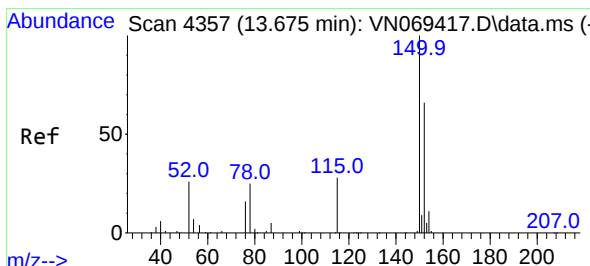
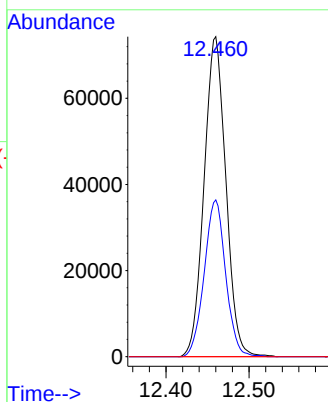
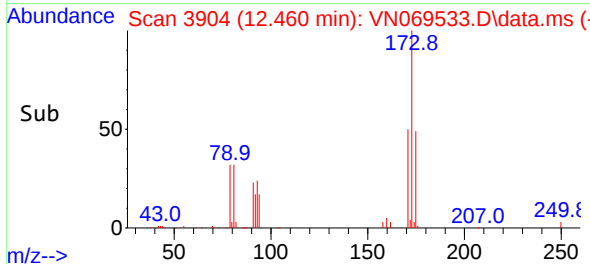
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



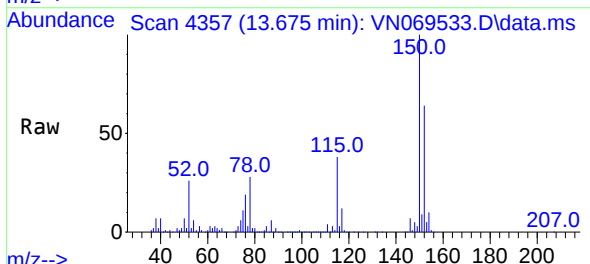
Tgt Ion:173 Resp: 135180
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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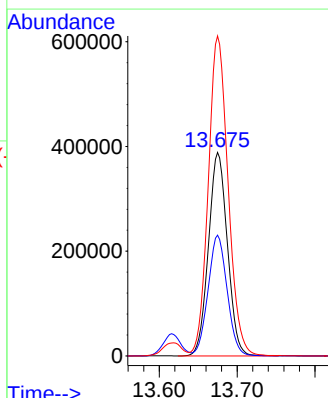
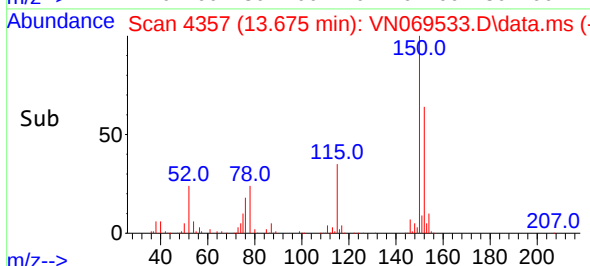
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

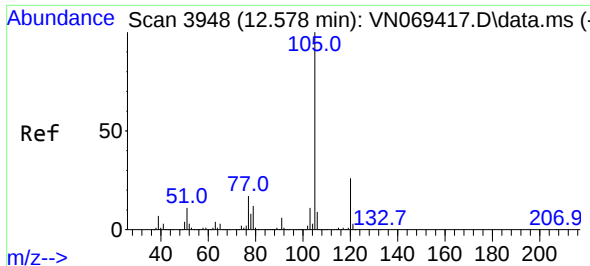


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion:152 Resp: 657632
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 164.0 0.0 344.4





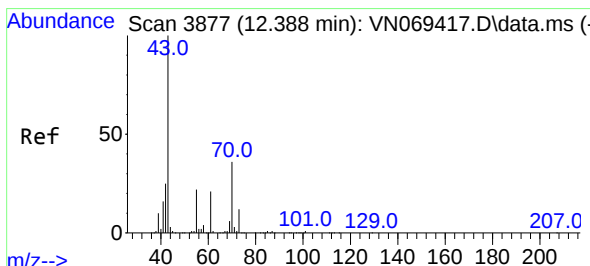
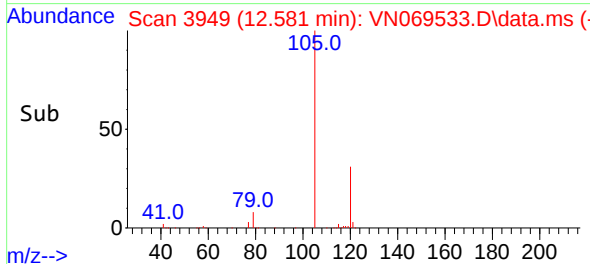
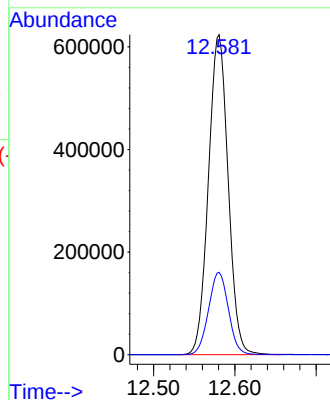
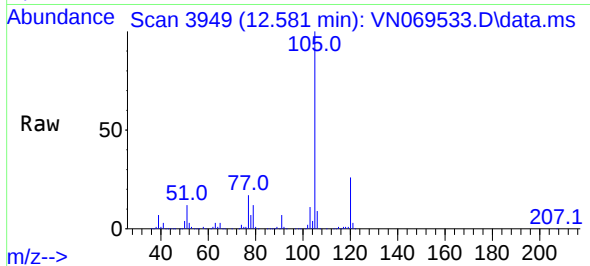
#73
Isopropylbenzene
Concen: 20.060 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:105 Resp: 1050362
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

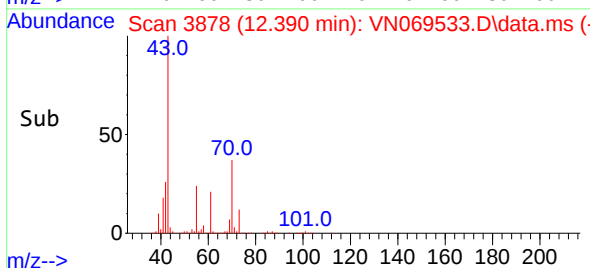
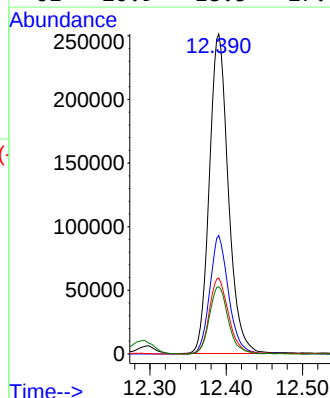
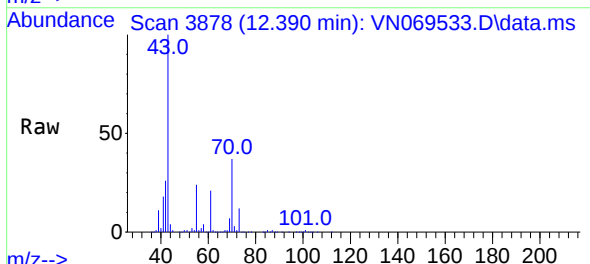
Manual Integrations
APPROVED

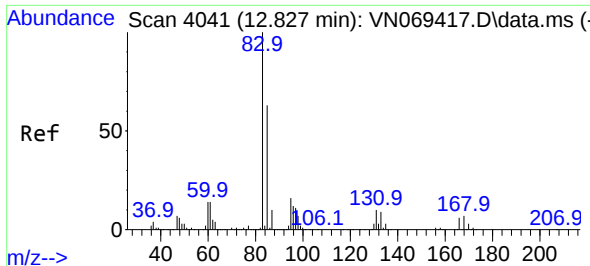
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 19.577 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

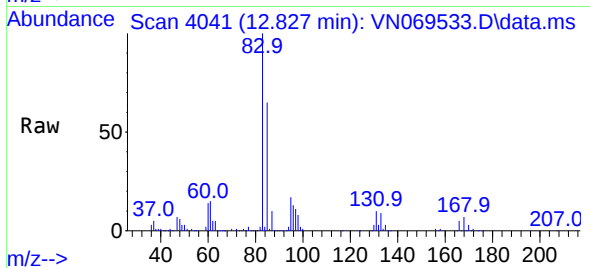
Tgt Ion: 43 Resp: 434410
Ion Ratio Lower Upper
43 100
70 36.7 33.4 50.0
55 24.2 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.580 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

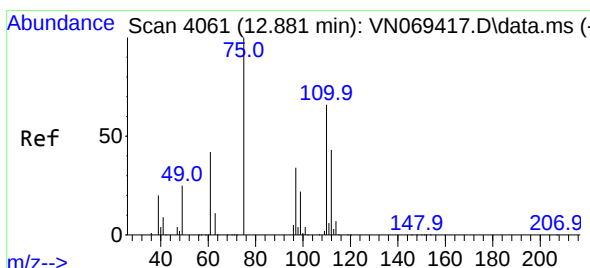
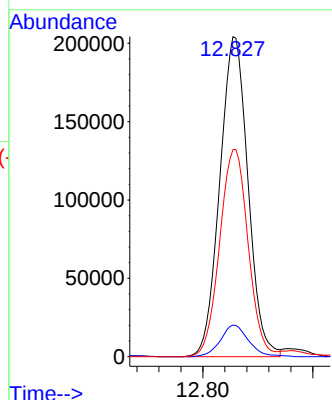
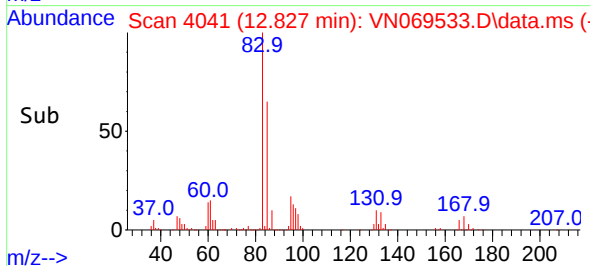
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



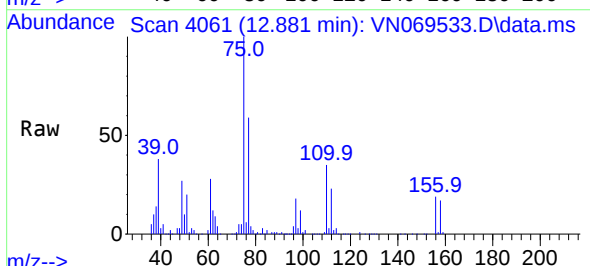
Tgt Ion: 83 Resp: 363430
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 65.3 32.4 97.2

Manual Integrations
APPROVED

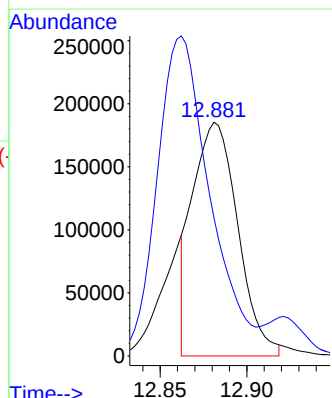
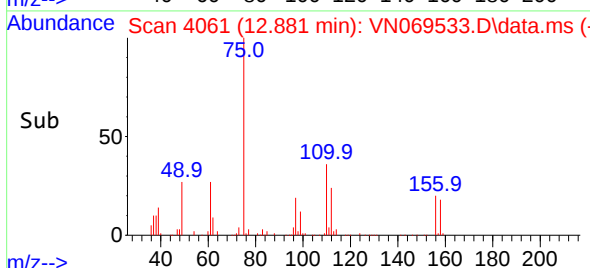
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

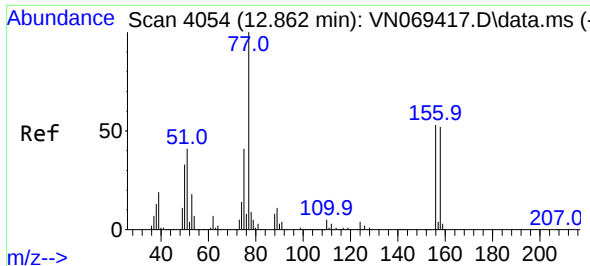


#76
1,2,3-Trichloropropane
Concen: 22.127 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



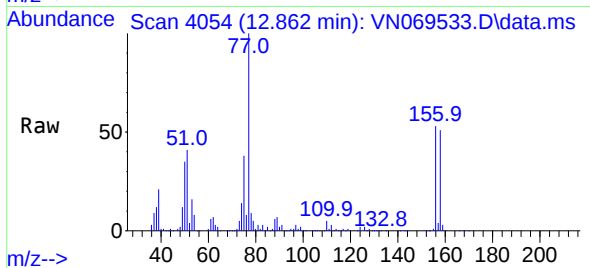
Tgt Ion: 75 Resp: 335815
Ion Ratio Lower Upper
75 100
77 159.1 82.6 247.8





#77
Bromobenzene
Concen: 20.043 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

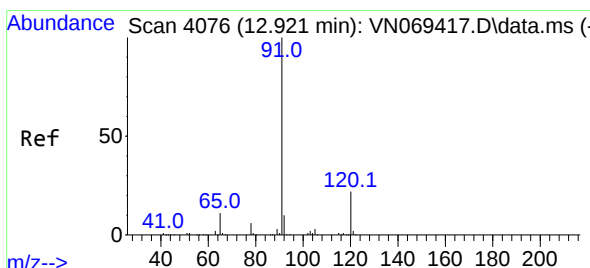
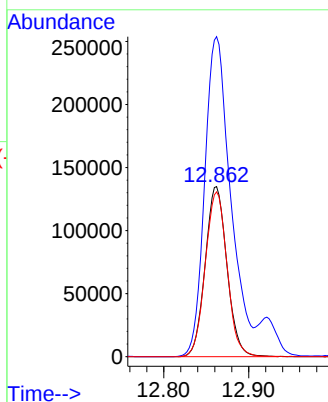
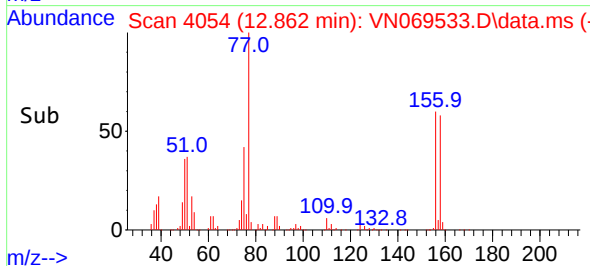
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



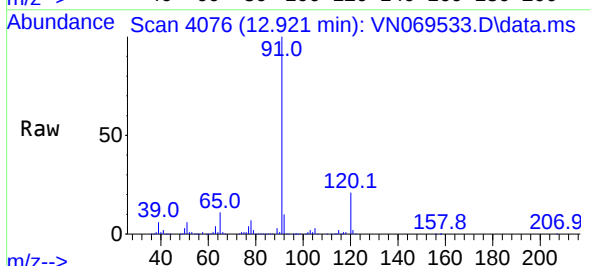
Tgt Ion:156 Resp: 240020
Ion Ratio Lower Upper
156 100
77 222.6 90.6 271.8
158 97.3 48.9 146.7

Manual Integrations
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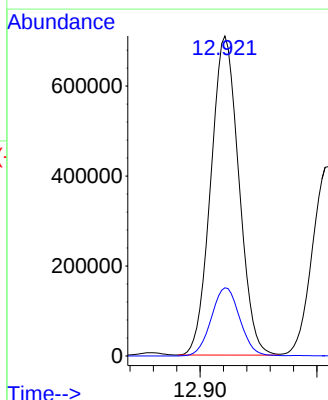
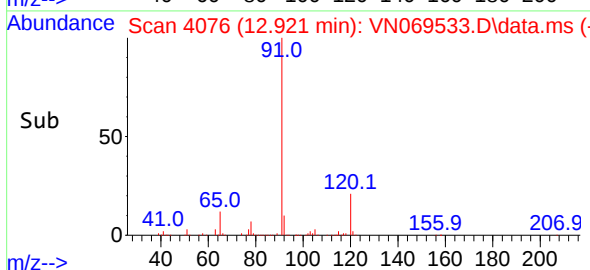
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

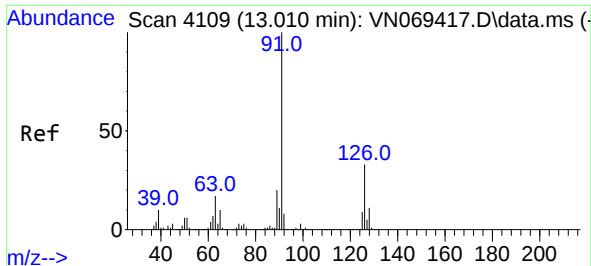


#78
n-propylbenzene
Concen: 20.102 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion: 91 Resp: 1184389
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





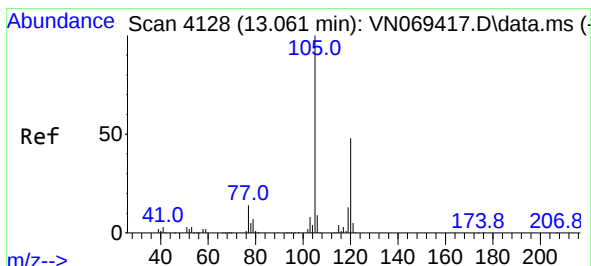
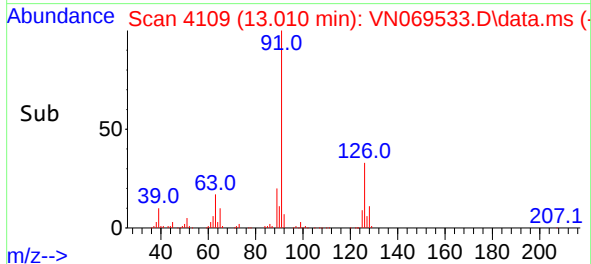
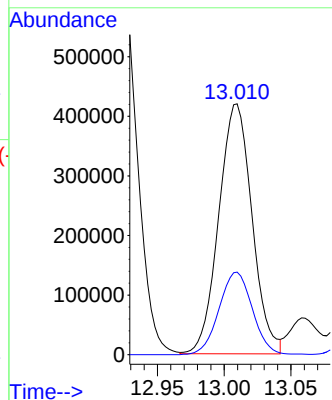
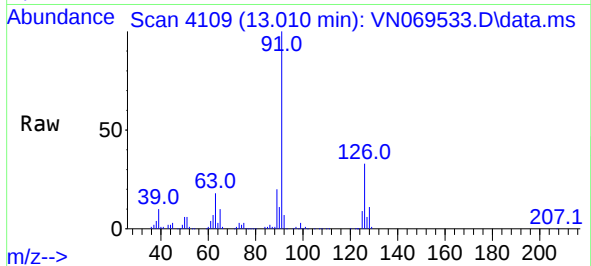
#79
2-Chlorotoluene
Concen: 19.978 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 91 Resp: 728788
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

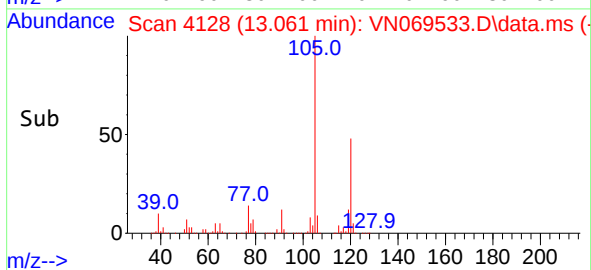
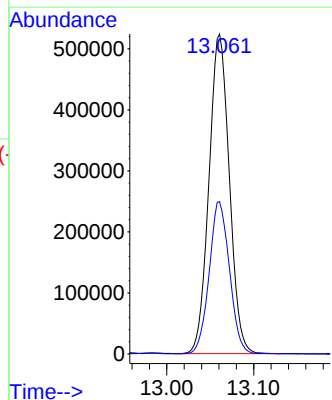
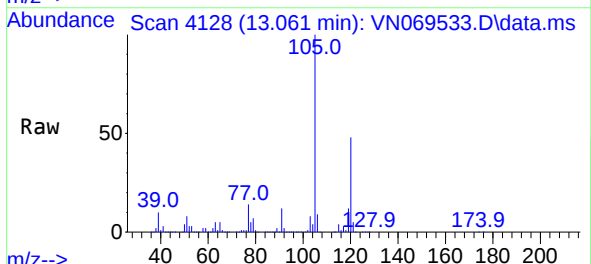
Manual Integrations
APPROVED

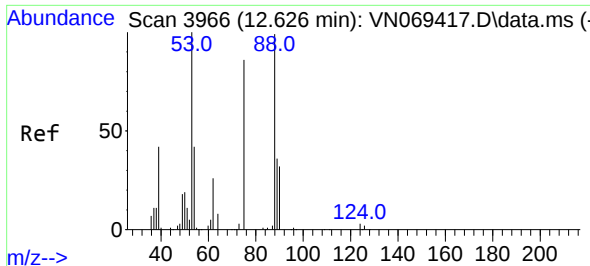
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.164 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Tgt Ion:105 Resp: 853518
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





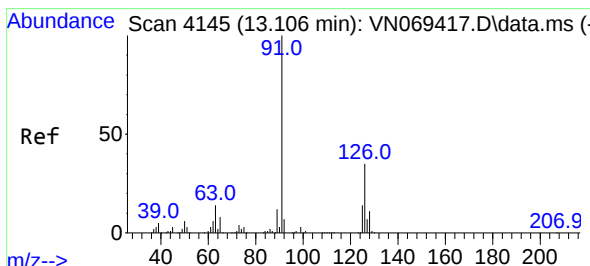
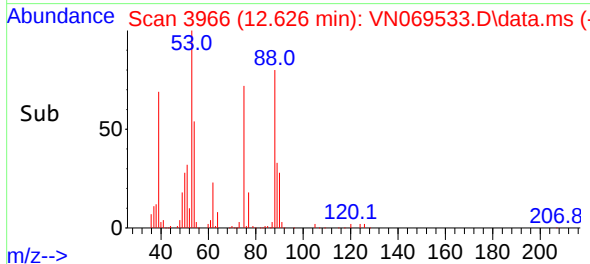
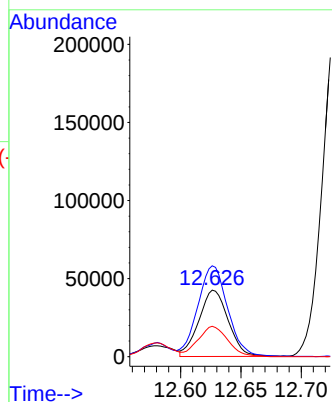
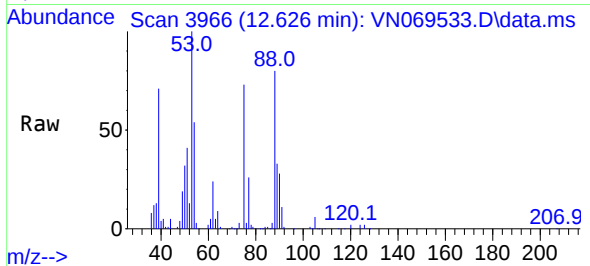
#81
trans-1,4-Dichloro-2-butene
Concen: 18.250 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 75 Resp: 7185
Ion Ratio Lower Upper
75 100
53 139.2 90.5 135.7
89 46.3 38.2 57.4

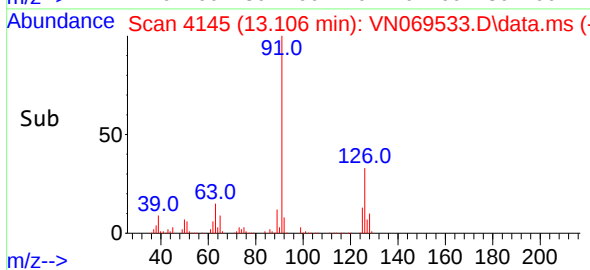
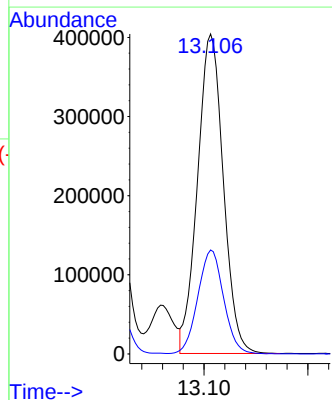
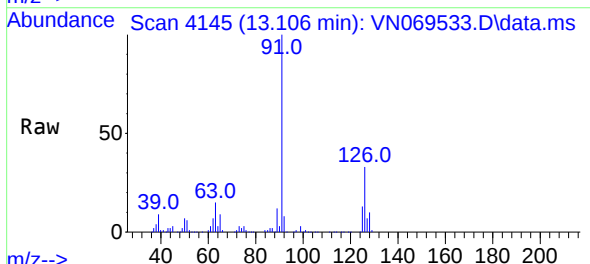
Manual Integrations
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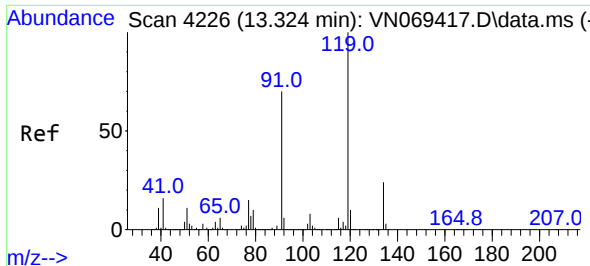
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 20.009 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Tgt Ion: 91 Resp: 695831
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





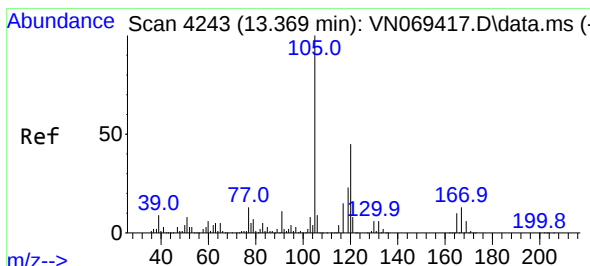
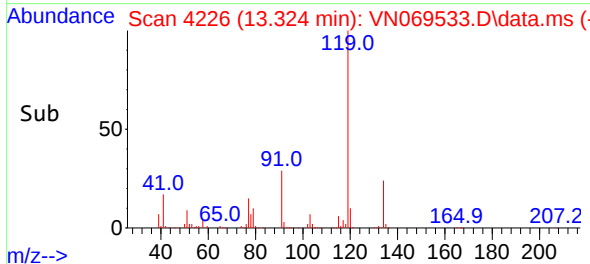
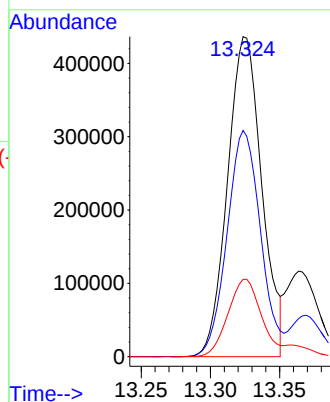
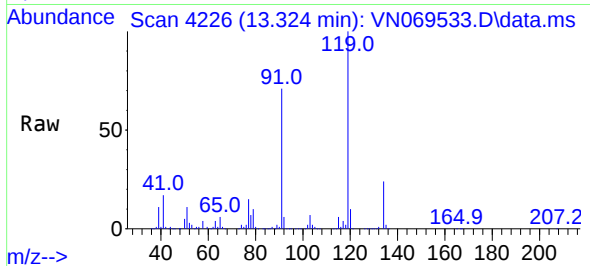
#83
tert-Butylbenzene
Concen: 20.262 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:119 Resp: 75161
Ion Ratio Lower Upper
119 100
91 69.4 31.5 94.5
134 23.8 12.4 37.4

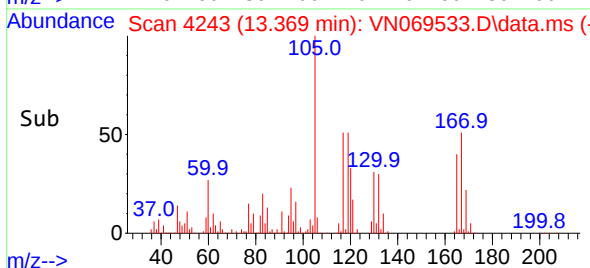
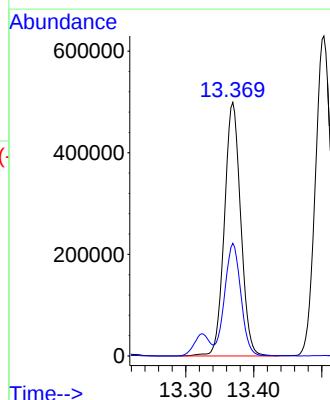
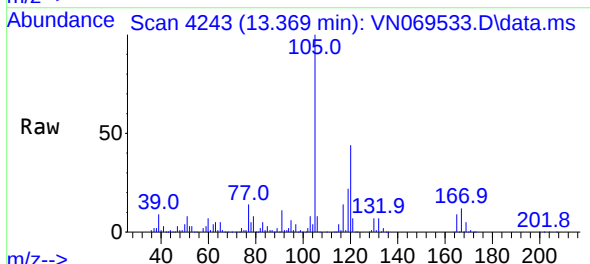
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 20.377 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

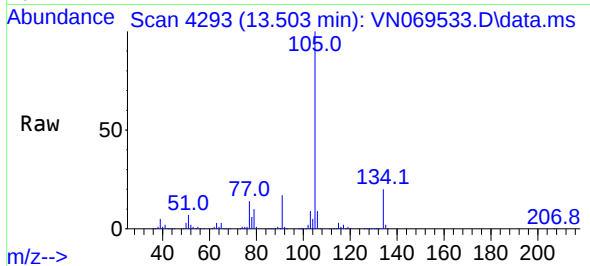
Tgt Ion:105 Resp: 832707
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 19.995 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069533.D
 Acq: 17 Nov 2021 16:37

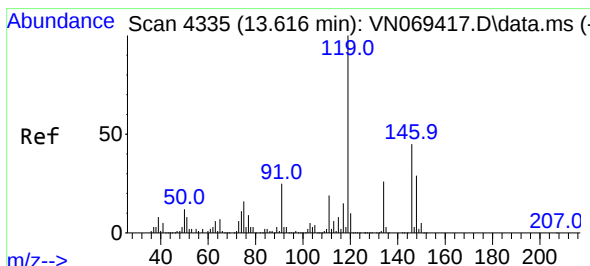
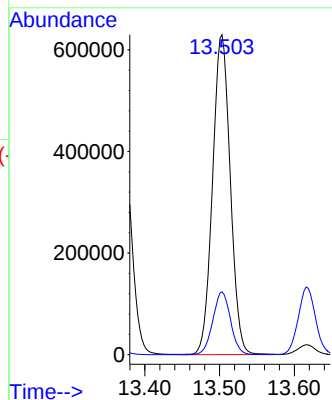
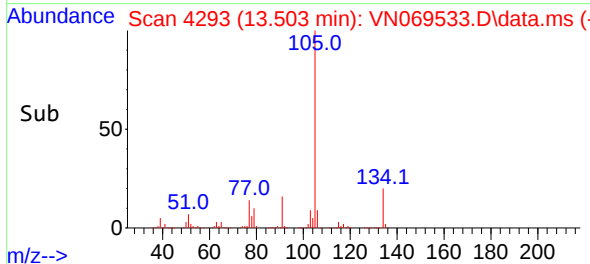
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01



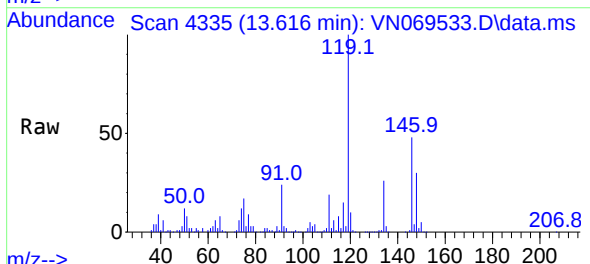
Tgt Ion:105 Resp: 1036110
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

Manual Integrations
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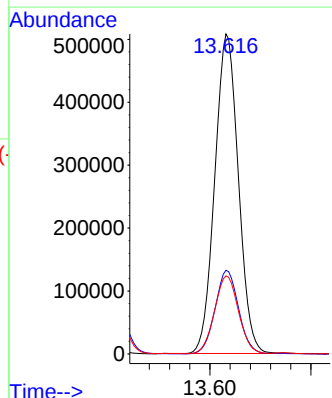
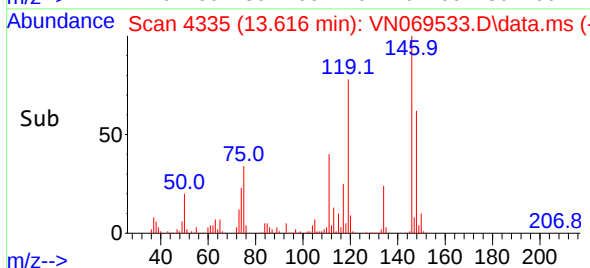
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

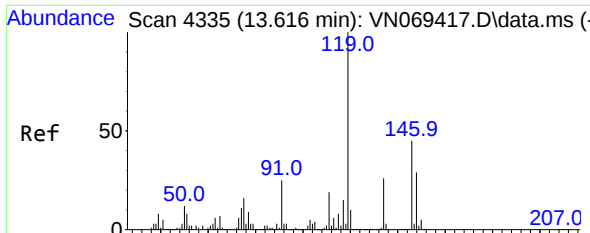


#86
 p-Isopropyltoluene
 Concen: 19.956 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069533.D
 Acq: 17 Nov 2021 16:37



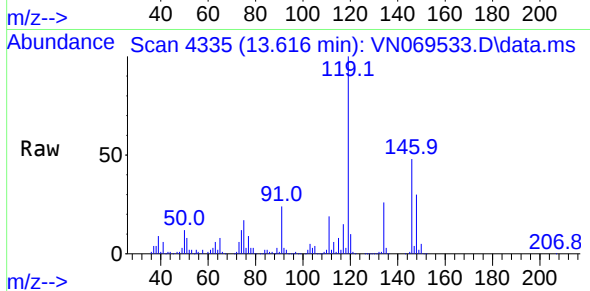
Tgt Ion:119 Resp: 820894
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 24.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.275 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

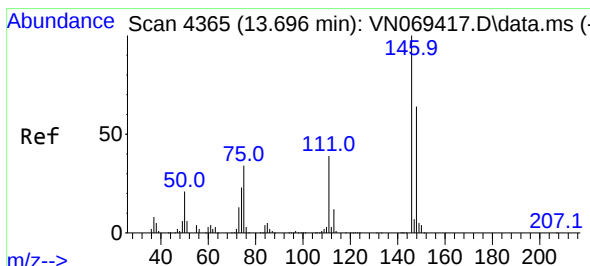
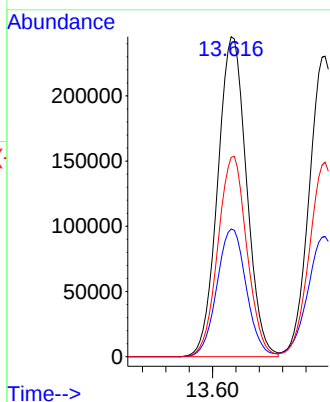
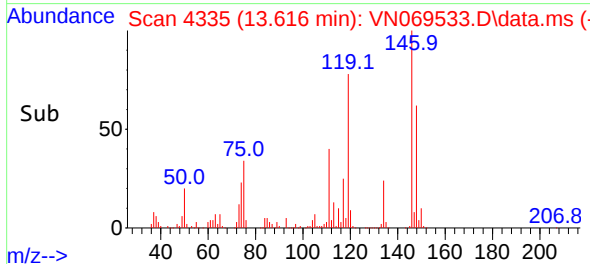
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



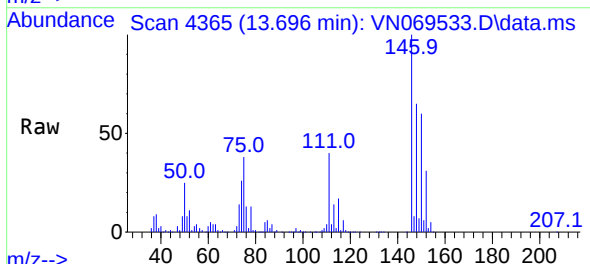
Tgt Ion:146 Resp: 420945
Ion Ratio Lower Upper
146 100
111 40.8 18.6 55.6
148 63.0 31.6 95.0

Manual Integrations
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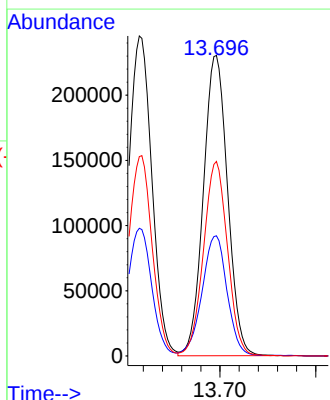
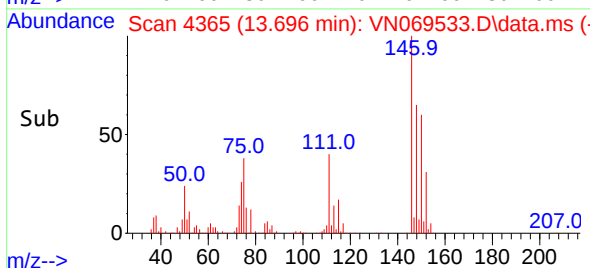
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#88
1,4-Dichlorobenzene
Concen: 19.896 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



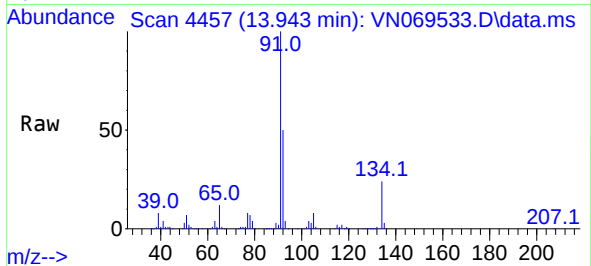
Tgt Ion:146 Resp: 405226
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 18.684 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

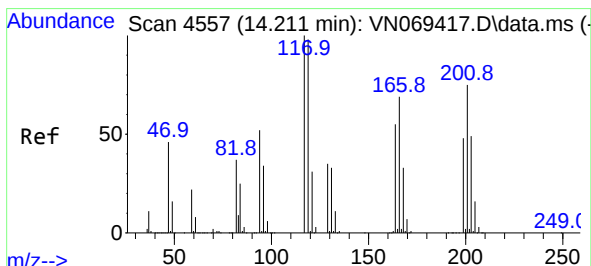
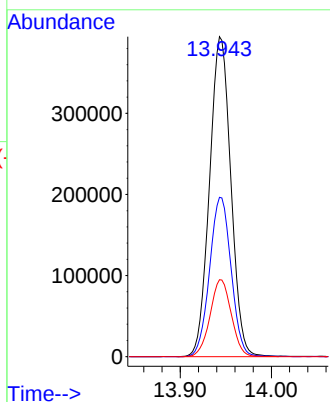
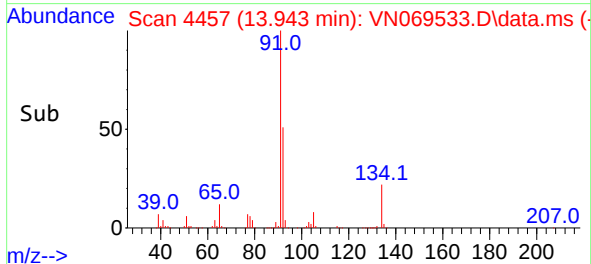
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



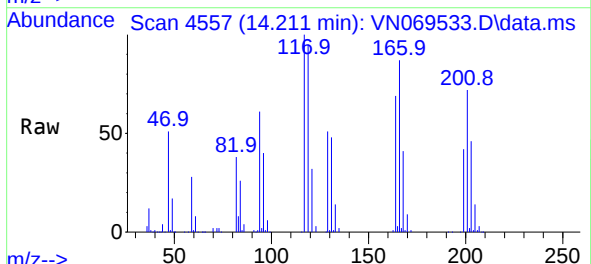
Tgt Ion: 91 Resp: 64090
Ion Ratio Lower Upper
91 100
92 50.3 25.4 76.0
134 23.9 13.6 40.8

Manual Integrations
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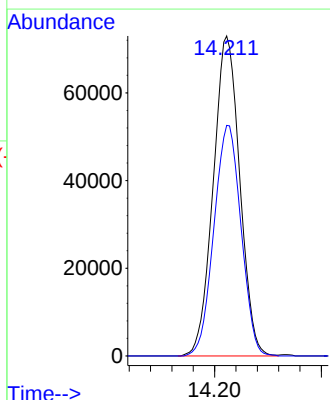
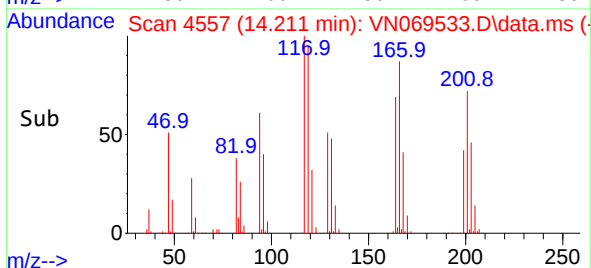
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

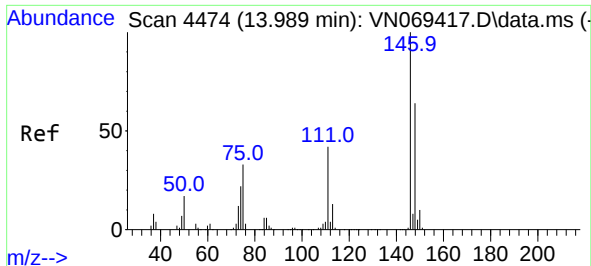


#90
Hexachloroethane
Concen: 18.105 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



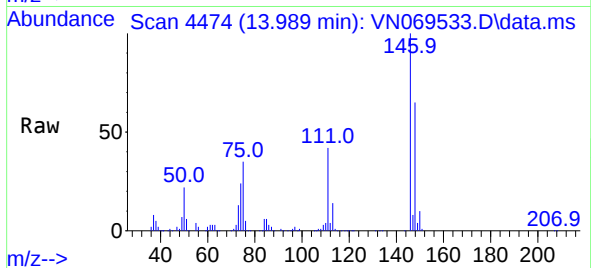
Tgt Ion:117 Resp: 125995
Ion Ratio Lower Upper
117 100
201 73.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.953 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

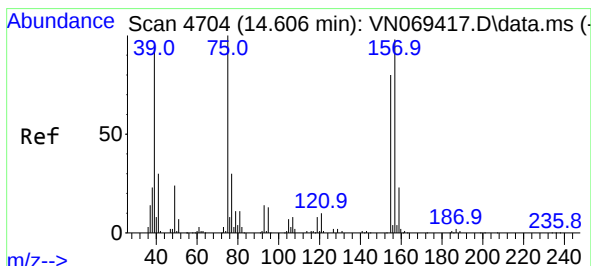
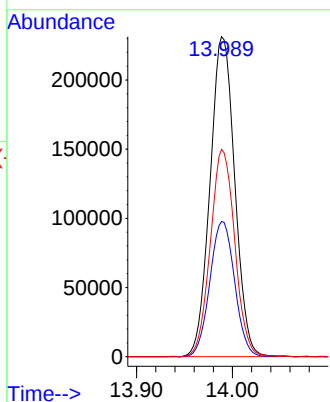
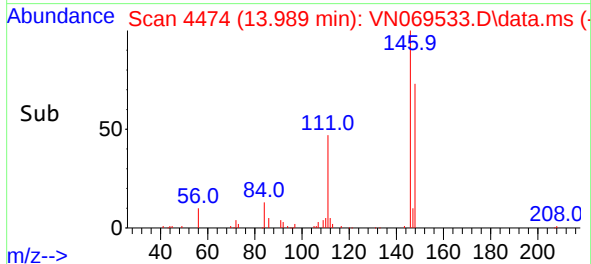
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



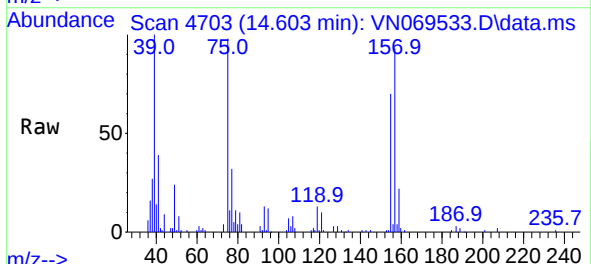
Tgt Ion:146 Resp: 41395
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
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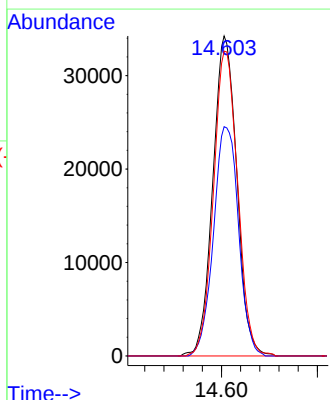
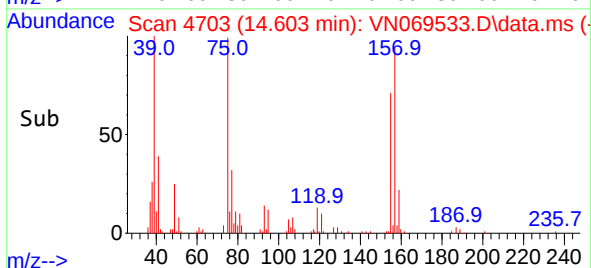
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.208 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



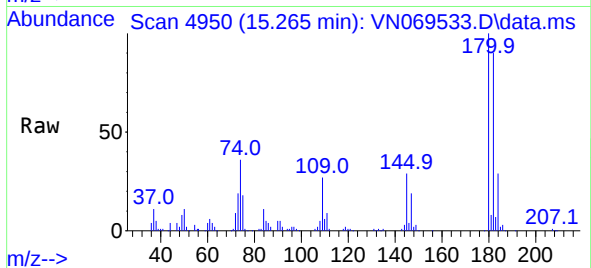
Tgt Ion: 75 Resp: 59297
Ion Ratio Lower Upper
75 100
155 74.9 46.9 140.7
157 96.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.519 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

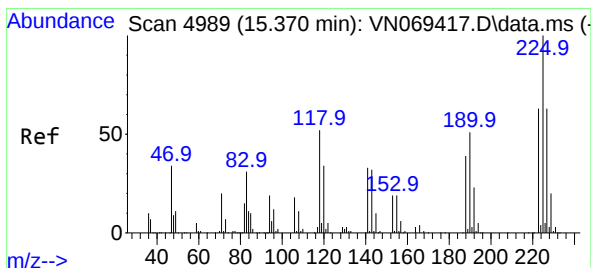
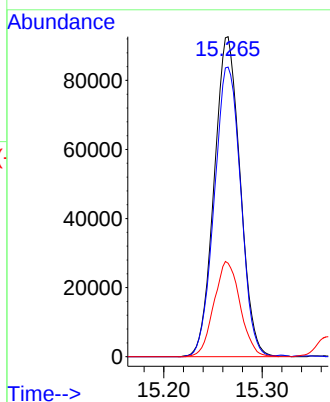
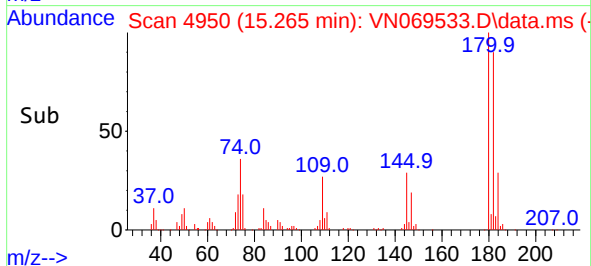
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



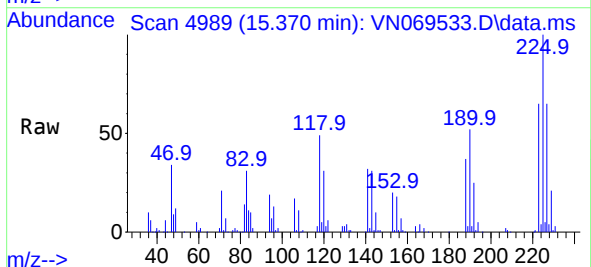
Tgt Ion:180 Resp: 170059
Ion Ratio Lower Upper
180 100
182 92.2 48.3 144.9
145 30.0 14.5 43.5

Manual Integrations
APPROVED

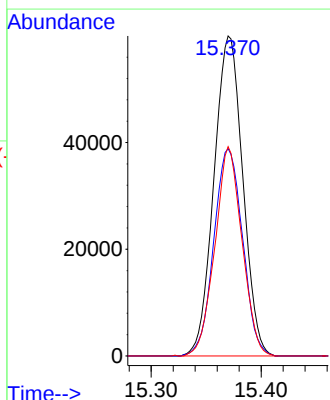
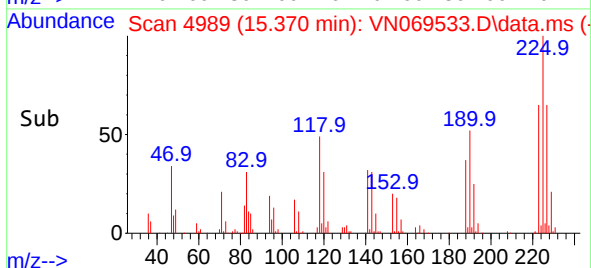
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

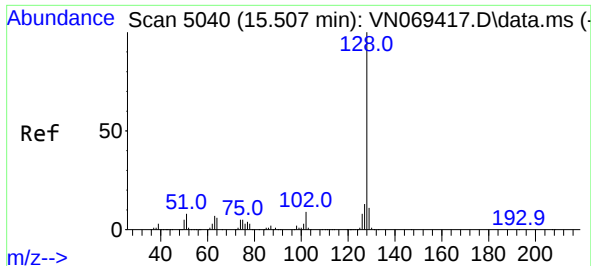


#94
Hexachlorobutadiene
Concen: 21.276 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37



Tgt Ion:225 Resp: 109215
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.7
227 61.5 32.1 96.3





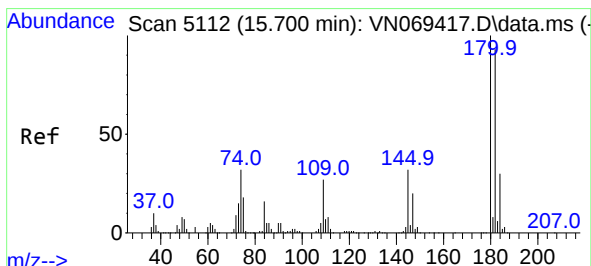
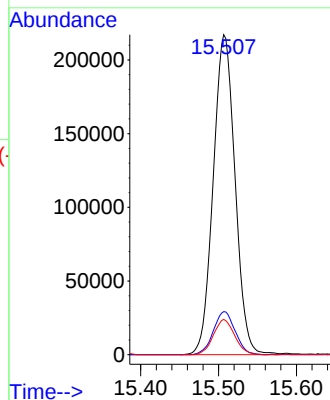
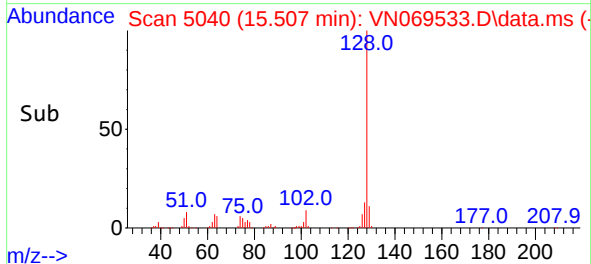
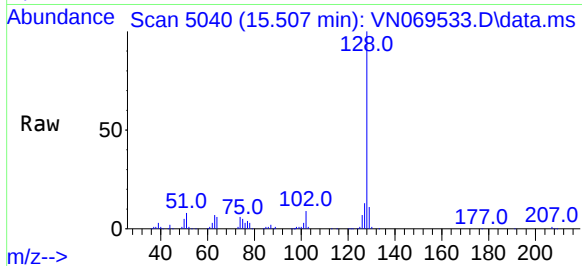
#95
Naphthalene
Concen: 17.629 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:128 Resp: 42229
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.828 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069533.D
Acq: 17 Nov 2021 16:37

Tgt Ion:180 Resp: 165490
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 32.3 15.0 45.1

