

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069138.D
 Acq On : 22 Oct 2021 16:43
 Operator : JC/MD
 Sample : VN1022WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

Quant Time: Oct 23 07:55:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	51794	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	308837	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	281632	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	123929	30.720	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.400%			
60) 4-Bromofluorobenzene	12.733	95	142574	29.524	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.400%			
63) Toluene-d8	10.443	98	384317	30.203	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	79729	23.281	ug/l	98
3) Chloromethane	2.303	50	80911	22.725	ug/l	96
4) Vinyl Chloride	2.445	62	91306	21.514	ug/l	98
5) Bromomethane	2.866	94	65135	23.400	ug/l	97
6) Chloroethane	3.022	64	59073	21.473	ug/l	99
7) Trichlorofluoromethane	3.379	101	123472	22.467	ug/l	97
8) Diethyl Ether	3.829	74	43746	22.482	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.218	101	67879	22.734	ug/l #	70
10) 1,1-Dichloroethene	4.189	96	63724	21.876	ug/l	97
11) Methyl Iodide	4.427	142	82699	20.191	ug/l	96
12) Methyl Acetate	4.859	43	114167	20.579	ug/l	98
13) Acrolein	4.046	56	27686	82.833	ug/l	98
14) Acrylonitrile	5.556	53	161708	102.726	ug/l	98
15) Acetone	4.290	58	51587	104.833	ug/l	95
16) Carbon Disulfide	4.537	76	165047	21.086	ug/l	99
17) Allyl chloride	4.846	41	105405	21.012	ug/l	93
18) Methylene Chloride	5.100	84	78202	22.592	ug/l	99
19) trans-1,2-Dichloroethene	5.602	96	68618	21.693	ug/l	94
20) Diisopropyl ether	6.495	45	228281	21.304	ug/l	96
21) 1,1-Dichloroethane	6.388	63	129244	21.609	ug/l	98
22) cis-1,2-Dichloroethene	7.326	96	82422	21.739	ug/l	99
23) tert-Butyl Alcohol	5.361	59	64970	100.592	ug/l #	100
24) Methyl tert-Butyl Ether	5.615	73	232397	21.034	ug/l	99
25) Chloroform	7.820	83	138282	21.637	ug/l	97
26) Cyclohexane	8.099	56	120149	21.810	ug/l #	96
29) 1,1-Dichloropropene	8.225	75	104477	21.496	ug/l	97
30) 2-Butanone	7.335	43	234776	100.601	ug/l	99
31) 2,2-Dichloropropane	7.329	77	124079	21.310	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	125625	20.773	ug/l	99
33) Carbon Tetrachloride	8.209	117	106143	20.664	ug/l	100
34) Benzene	8.464	78	305855	21.075	ug/l	99
35) Methacrylonitrile	7.635	41	44819	19.270	ug/l	95
36) 1,2-Dichloroethane	8.531	62	109681	20.940	ug/l	99
37) Trichloroethene	9.217	130	77483	20.996	ug/l	93
38) Methylcyclohexane	9.461	83	134221	21.693	ug/l	97
39) 1,2-Dichloropropane	9.494	63	78001	21.077	ug/l	99
40) Dibromomethane	9.579	93	53369	20.626	ug/l	97
41) Bromodichloromethane	9.764	83	107149	20.724	ug/l	95
42) Vinyl Acetate	6.433	43	846225	101.620	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	93865	20.619	ug/l	100
44) Isopropyl Acetate	8.560	43	168377	19.975	ug/l	99
45) 1,4-Dioxane	9.569	88	26970	399.776	ug/l	96
46) Methyl methacrylate	9.561	41	78675	20.647	ug/l	91
47) n-amyl Acetate	12.390	43	139202	19.451	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	118200	19.765	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	125301	20.121	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	76389	20.571	ug/l	98
51) Ethyl methacrylate	10.762	69	121440	19.839	ug/l	94
52) 1,3-Dichloropropane	11.046	76	128384	20.549	ug/l	100
53) Dibromochloromethane	11.239	129	77999	19.676	ug/l	100
54) 1,2-Dibromoethane	11.347	107	78691	20.271	ug/l	97
55) 2-Chloroethyl vinyl ether	10.043	63	146585	75.424	ug/l	99
56) Bromoform	12.460	173	54066	18.920	ug/l #	99
58) 4-Methyl-2-Pentanone	10.330	43	484480	101.968	ug/l	98
59) 2-Hexanone	11.087	43	364796	101.670	ug/l	99
61) Tetrachloroethene	10.979	164	67147	21.937	ug/l	96
62) Toluene	10.507	91	351261	21.413	ug/l	99
64) Chlorobenzene	11.773	112	210131	21.121	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	77740	21.003	ug/l	99
66) Ethyl Benzene	11.846	91	393626	21.343	ug/l	99
67) m/p-Xylenes	11.956	106	301284	43.440	ug/l	97
68) o-Xylene	12.283	106	148913	21.443	ug/l	98
69) Styrene	12.296	104	239037	20.771	ug/l	98
70) Isopropylbenzene	12.580	105	388252	21.325	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	110701	20.745	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	98681m	21.521	ug/l	
73) Bromobenzene	12.862	156	87453	21.192	ug/l	98
74) n-propylbenzene	12.921	91	451210	21.580	ug/l	100
75) 2-Chlorotoluene	13.010	91	274073	21.408	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	327753	21.599	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	33076	18.445	ug/l	95
78) 4-Chlorotoluene	13.106	91	269189	21.454	ug/l	95
79) tert-butylbenzene	13.326	119	286870	21.531	ug/l	99
80) 1,2,4-Trimethylbenzene	13.372	105	322317m	21.638	ug/l	
81) sec-Butylbenzene	13.503	105	399523	21.420	ug/l	100
82) p-Isopropyltoluene	13.618	119	326955	21.491	ug/l	100
83) 1,3-Dichlorobenzene	13.618	146	157462	21.673	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	152643	21.576	ug/l	98
85) n-Butylbenzene	13.946	91	268497	21.102	ug/l	98
86) Hexachloroethane	14.214	117	56307	19.766	ug/l	90
87) 1,2-Dichlorobenzene	13.991	146	150533	21.685	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	19741	19.861	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	70422	20.120	ug/l	99
90) Hexachlorobutadiene	15.372	225	41065	22.441	ug/l	99
91) Naphthalene	15.509	128	194476	19.209	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	69593	20.805	ug/l	99

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

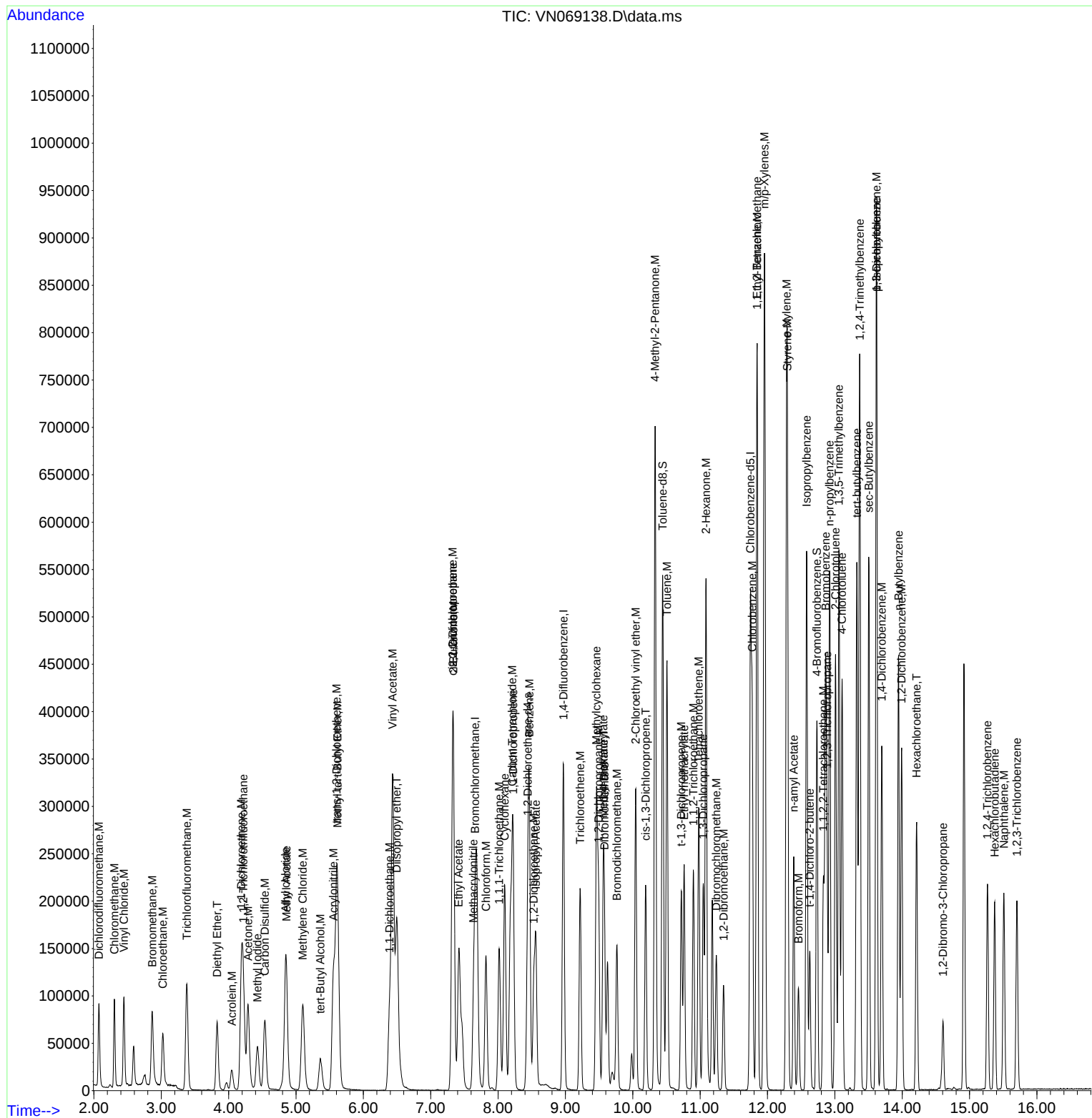
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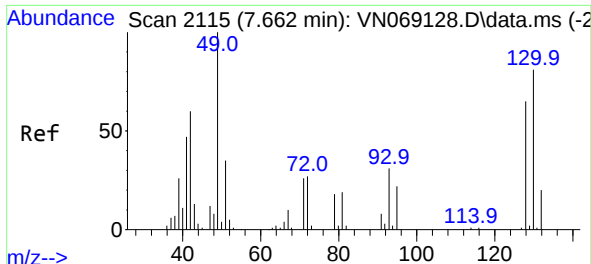
Instrument :
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 ClientSampleId :
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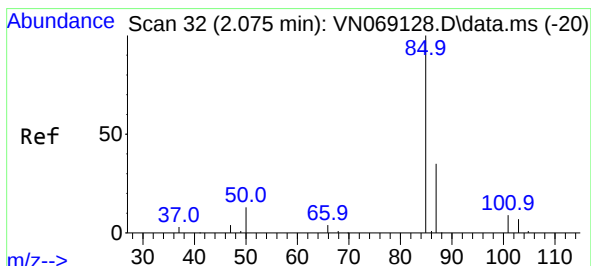
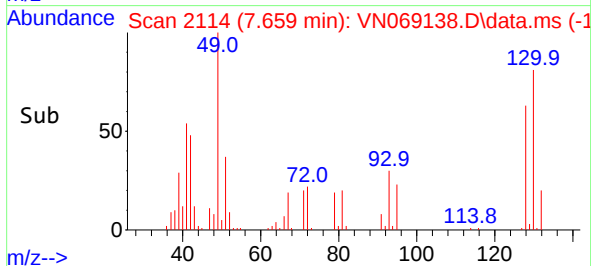
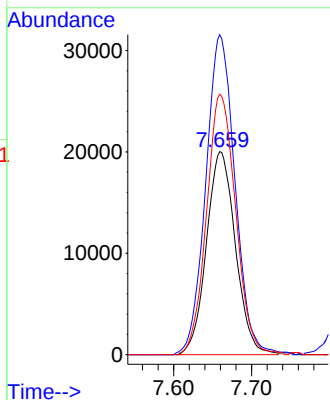
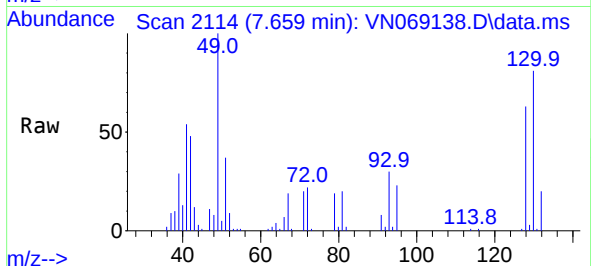
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion:128 Resp: 51794
Ion Ratio Lower Upper
128 100
49 158.7 0.0 392.3
130 129.3 0.0 320.2

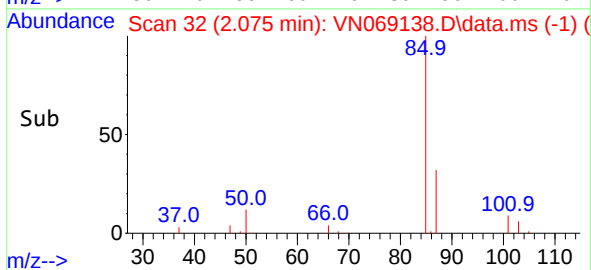
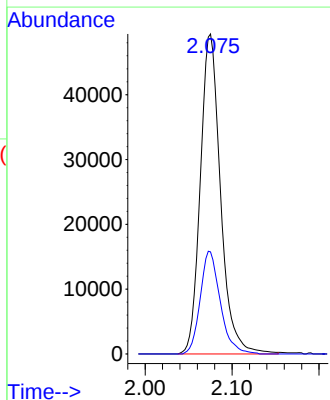
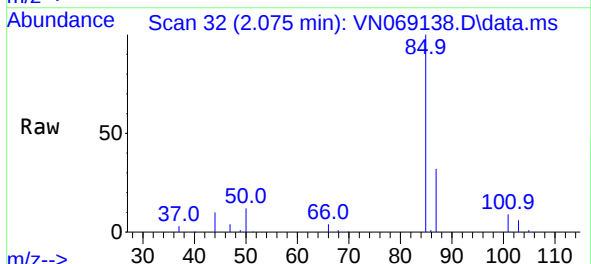
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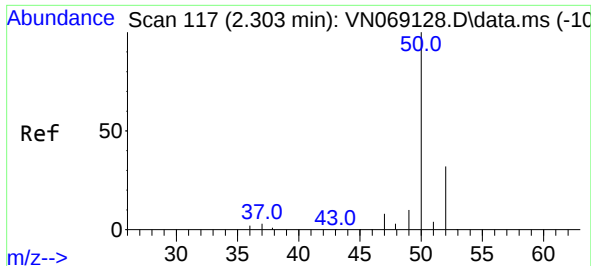
Reviewed By :John Carlone 10/25/2021
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#2
Dichlorodifluoromethane
Concen: 23.281 ug/l
RT: 2.075 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 85 Resp: 79729
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.7





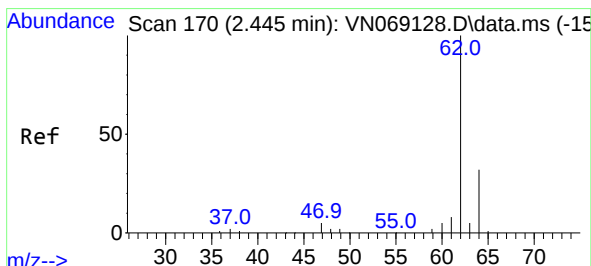
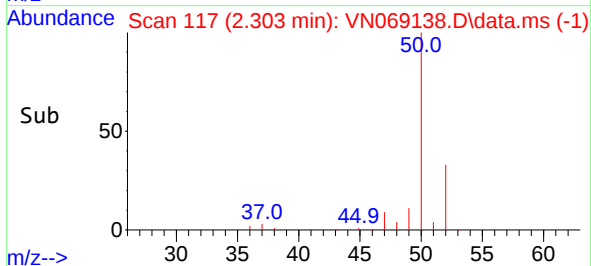
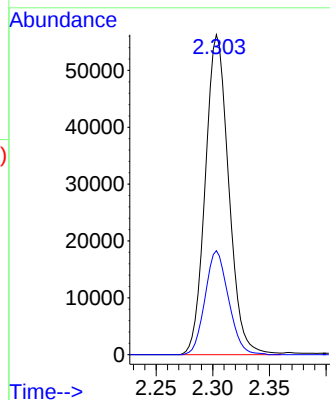
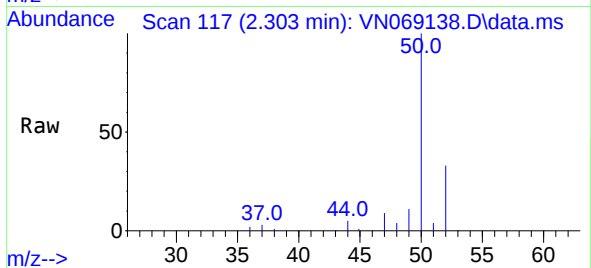
#3
Chloromethane
Concen: 22.725 ug/l
RT: 2.303 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
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Tgt Ion: 50 Resp: 8091
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6

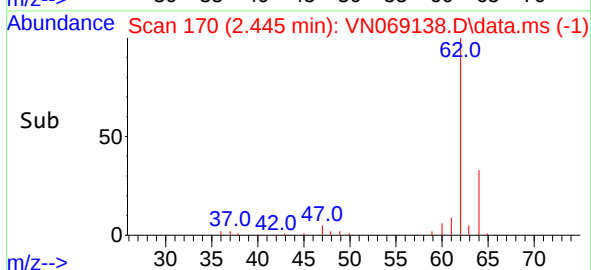
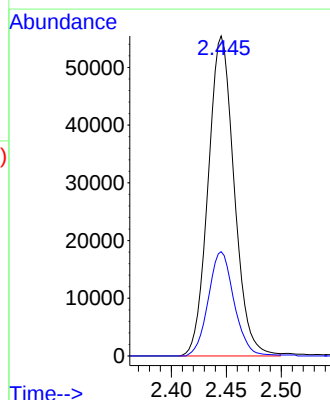
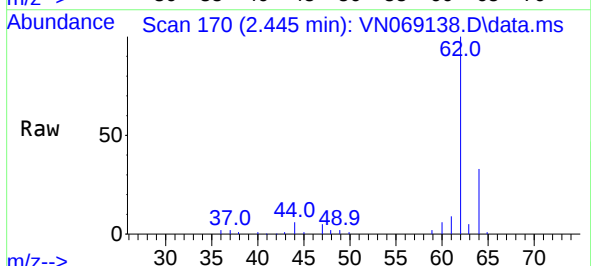
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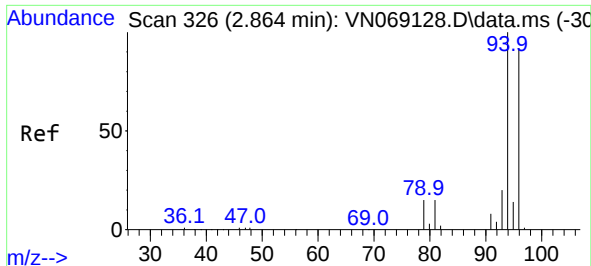
Reviewed By :John Carlone 10/25/2021
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#4
Vinyl Chloride
Concen: 21.514 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

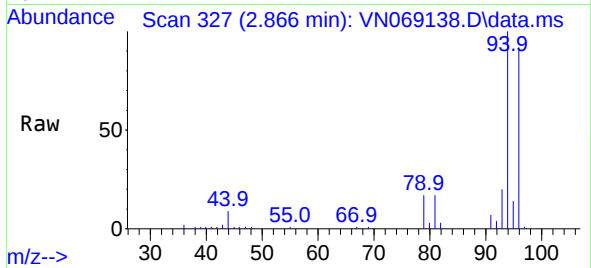
Tgt Ion: 62 Resp: 91306
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7





#5
Bromomethane
Concen: 23.400 ug/l
RT: 2.866 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

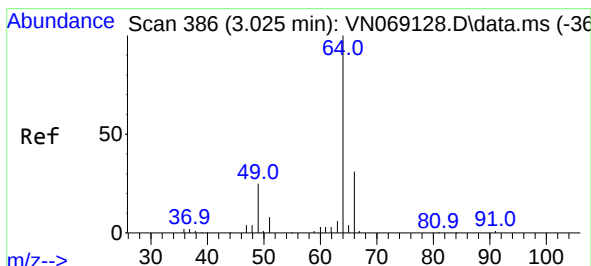
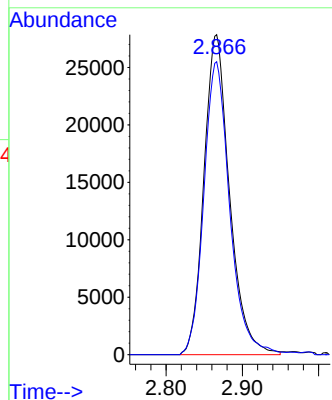
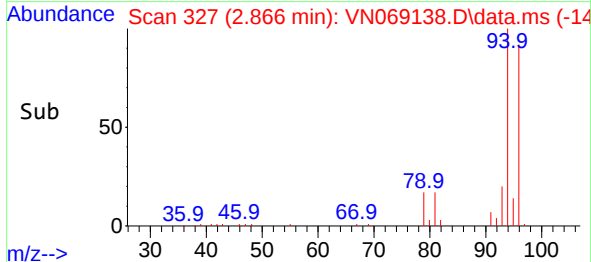
Instrument :
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Tgt Ion: 94 Resp: 6513
Ion Ratio Lower Upper
94 100
96 91.5 75.2 112.8

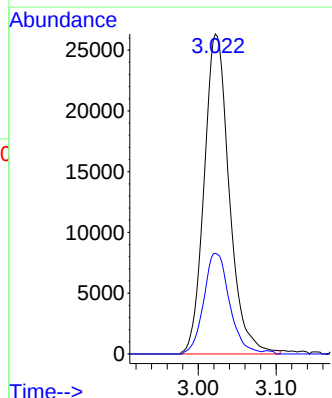
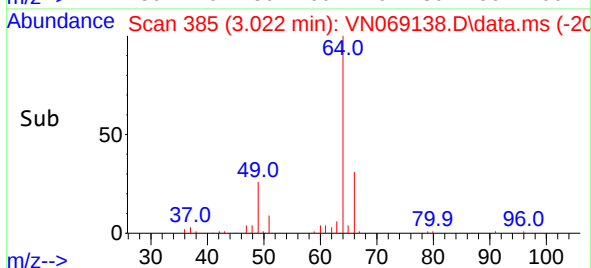
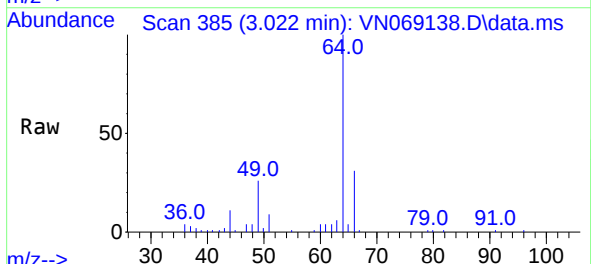
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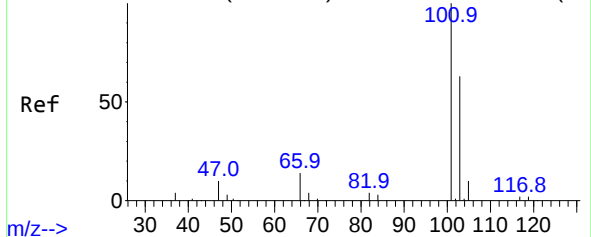


#6
Chloroethane
Concen: 21.473 ug/l
RT: 3.022 min Scan# 385
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 64 Resp: 59073
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8



Abundance Scan 518 (3.379 min): VN069128.D\data.ms (-49



#7

Trichlorofluoromethane

Concen: 22.467 ug/l

RT: 3.379 min Scan# 518

Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

Instrument :

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ClientSampleId :

VN1022WBS02

Tgt Ion:101 Resp: 123472

Ion Ratio Lower Upper

101 100

103 64.9 50.1 75.1

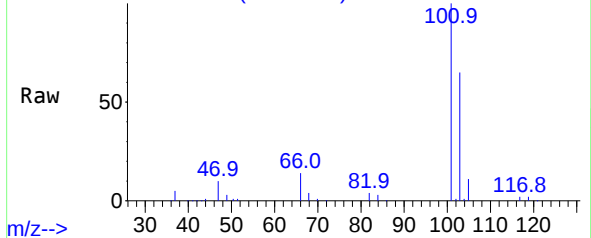
Manual Integrations

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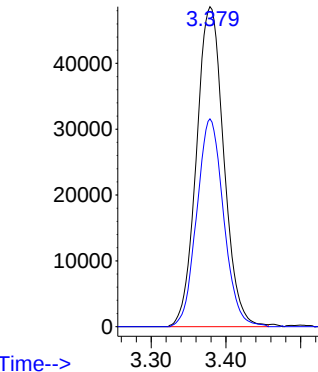
Reviewed By :John Carlone 10/25/2021

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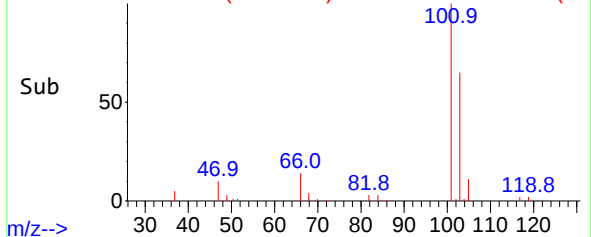
Abundance Scan 518 (3.379 min): VN069138.D\data.ms



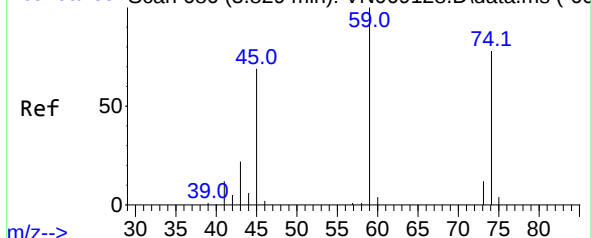
Abundance



Abundance Scan 518 (3.379 min): VN069138.D\data.ms (-33



Abundance Scan 686 (3.829 min): VN069128.D\data.ms (-66



#8

Diethyl Ether

Concen: 22.482 ug/l

RT: 3.829 min Scan# 686

Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

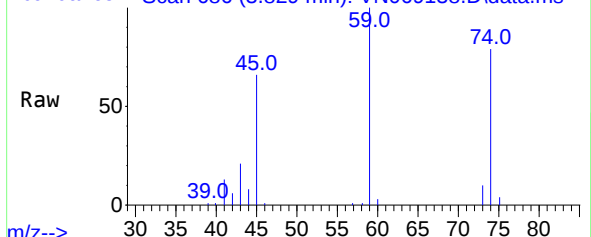
Tgt Ion: 74 Resp: 43746

Ion Ratio Lower Upper

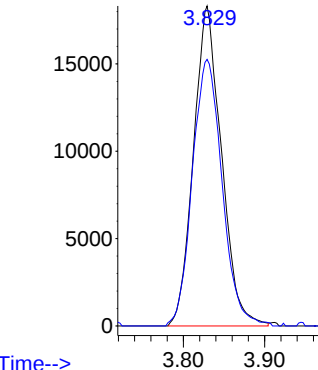
74 100

45 88.6 17.6 158.8

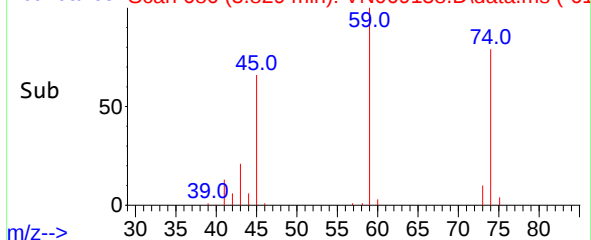
Abundance Scan 686 (3.829 min): VN069138.D\data.ms

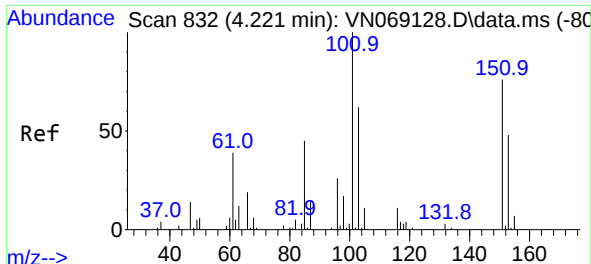


Abundance



Abundance Scan 686 (3.829 min): VN069138.D\data.ms (-61





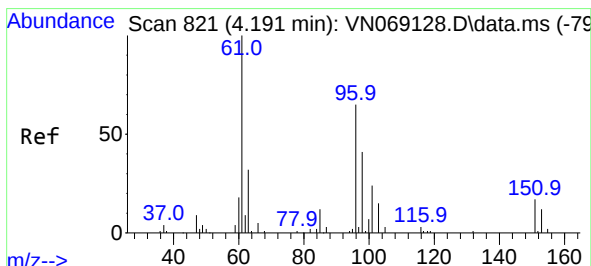
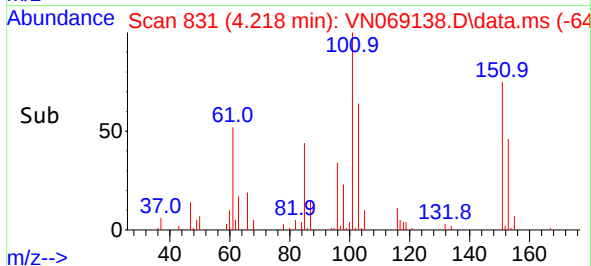
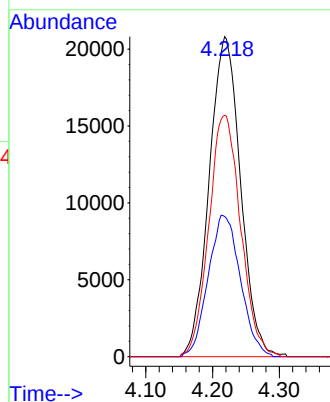
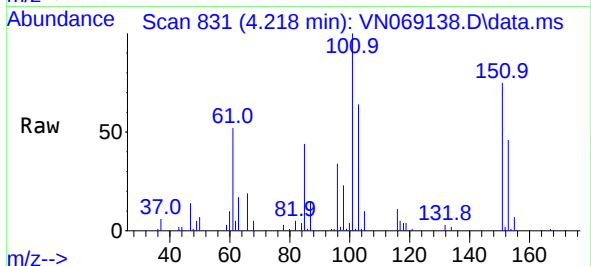
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.734 ug/l
RT: 4.218 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion:101 Resp: 67879
Ion Ratio Lower Upper
101 100
85 45.4 0.0 94.0
151 76.6 0.0 74.6

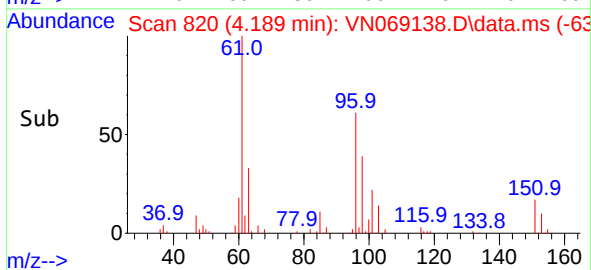
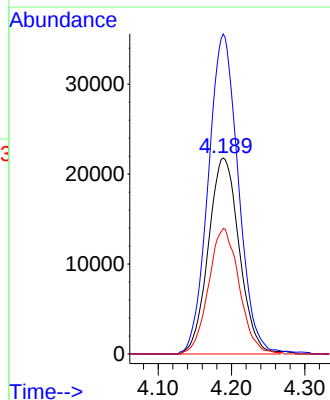
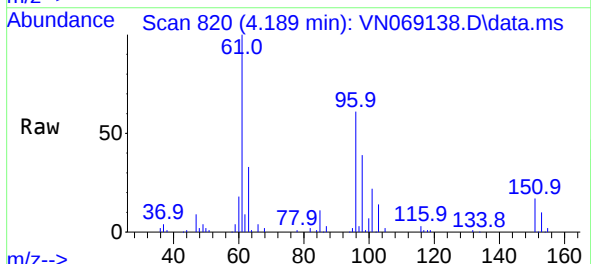
Manual Integrations
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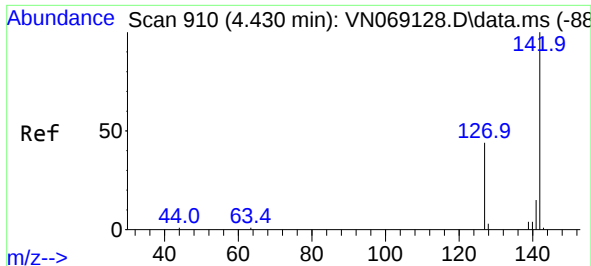
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#10
1,1-Dichloroethene
Concen: 21.876 ug/l
RT: 4.189 min Scan# 820
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 96 Resp: 63724
Ion Ratio Lower Upper
96 100
61 162.3 126.2 189.4
98 64.0 50.9 76.3





#11

Methyl Iodide

Concen: 20.191 ug/l

RT: 4.427 min Scan# 90

Delta R.T. -0.003 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :

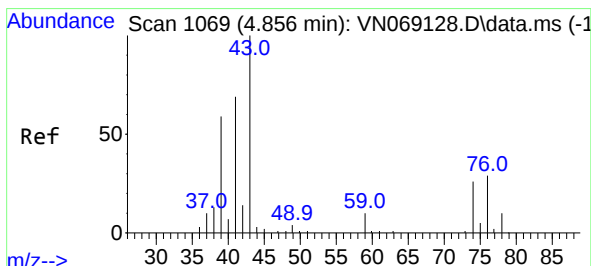
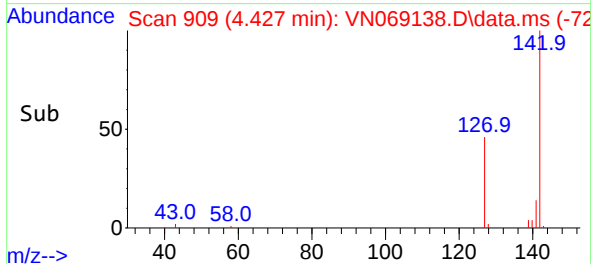
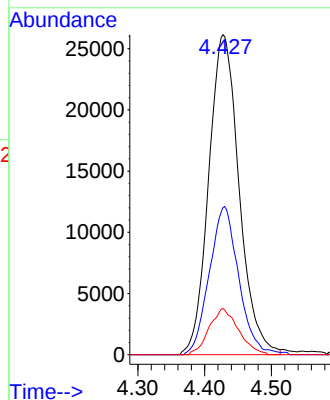
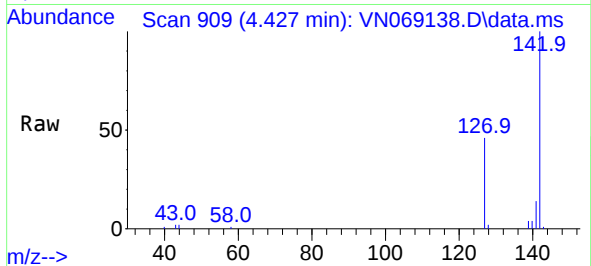
VN1022WBS02

Tgt Ion:142 Resp: 82699
 Ion Ratio Lower Upper
 142 100
 127 45.9 24.0 72.0
 141 14.6 8.4 25.2

Manual Integrations

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Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#12

Methyl Acetate

Concen: 20.579 ug/l

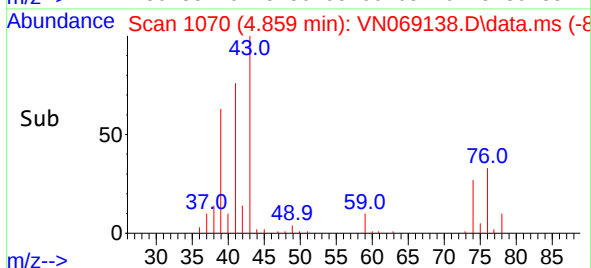
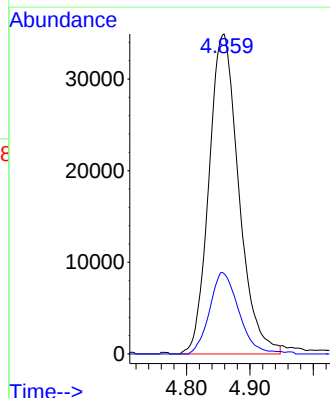
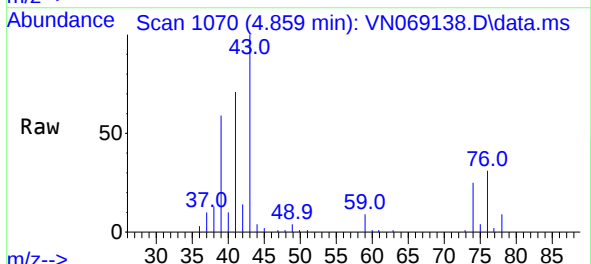
RT: 4.859 min Scan# 1070

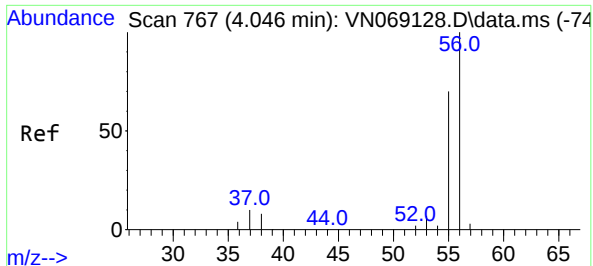
Delta R.T. 0.003 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

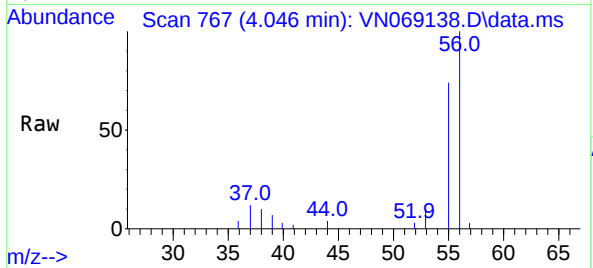
Tgt Ion: 43 Resp: 114167
 Ion Ratio Lower Upper
 43 100
 74 25.0 20.8 31.2





#13
Acrolein
Concen: 82.833 ug/l
RT: 4.046 min Scan# 767
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

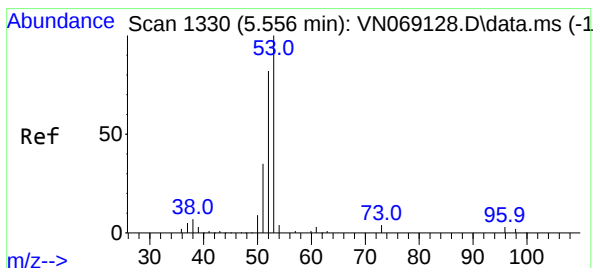
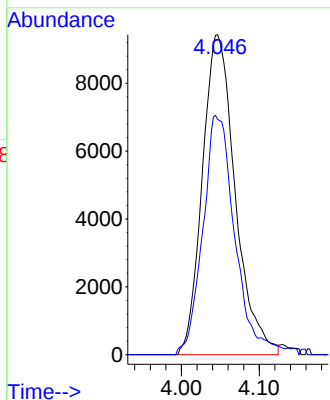
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



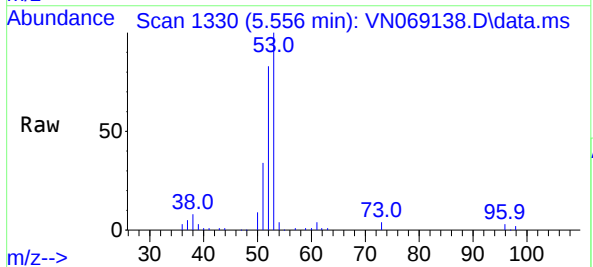
Tgt Ion: 56 Resp: 27680
Ion Ratio Lower Upper
56 100
55 70.2 57.6 86.4

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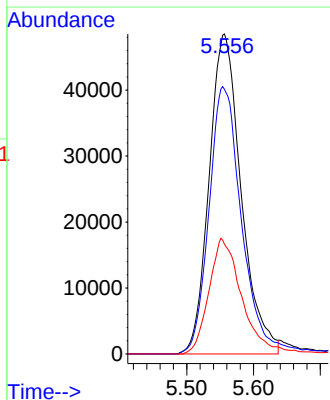
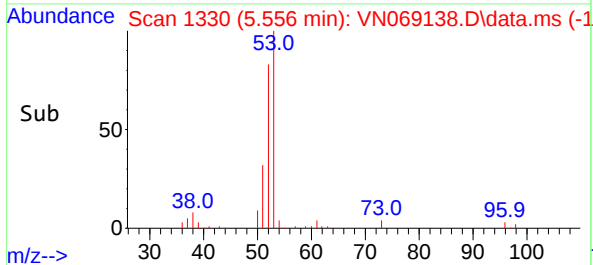
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

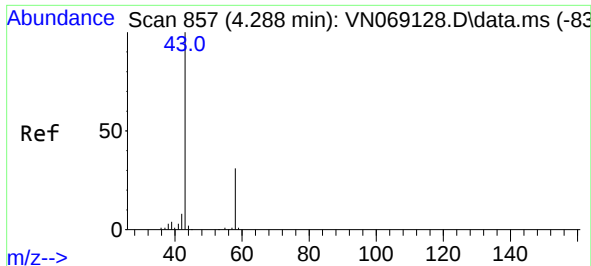


#14
Acrylonitrile
Concen: 102.726 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



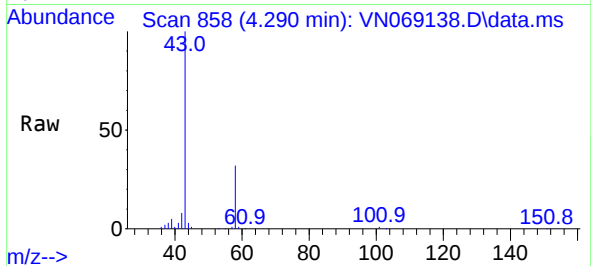
Tgt Ion: 53 Resp: 161708
Ion Ratio Lower Upper
53 100
52 85.2 41.8 125.4
51 36.2 19.0 57.0





#15
Acetone
Concen: 104.833 ug/l
RT: 4.290 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

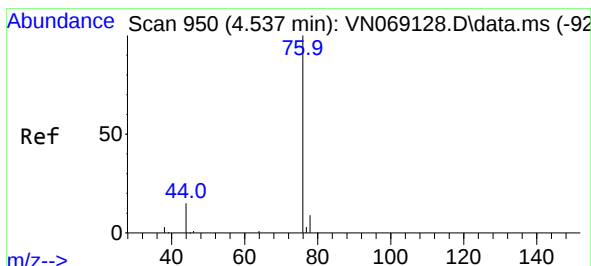
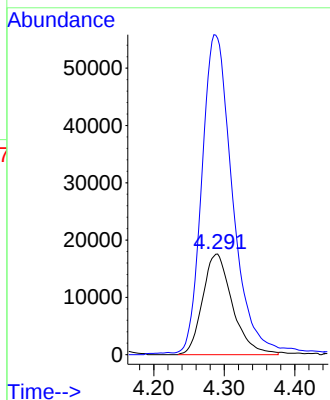
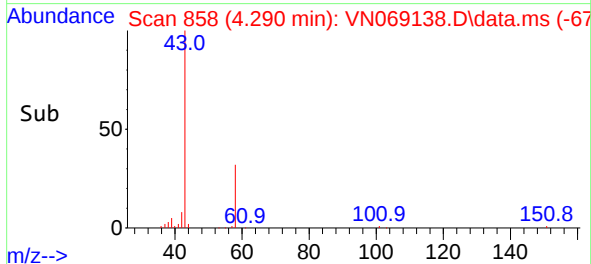
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



Tgt Ion: 58 Resp: 5158
Ion Ratio Lower Upper
58 100
43 311.3 256.6 384.8

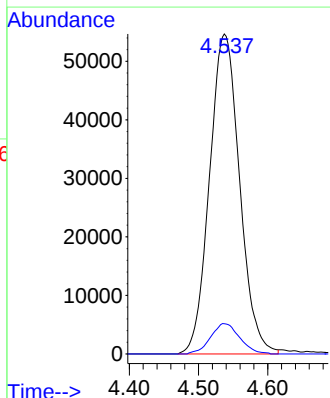
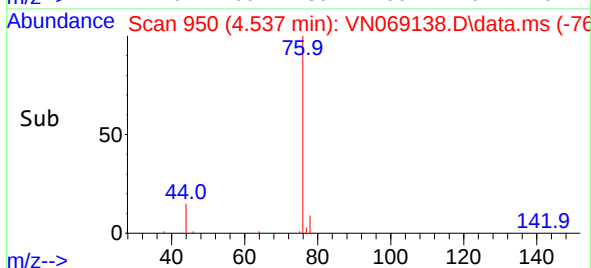
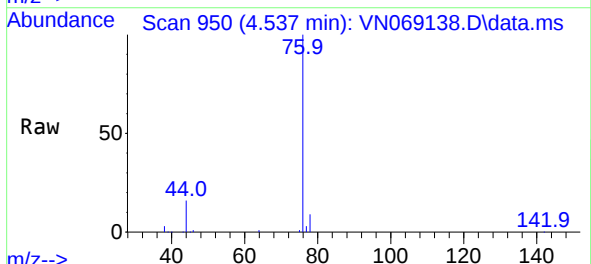
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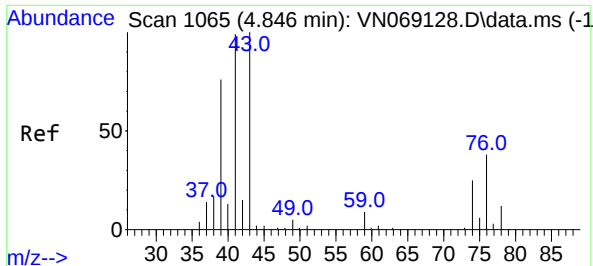
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#16
Carbon Disulfide
Concen: 21.086 ug/l
RT: 4.537 min Scan# 950
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

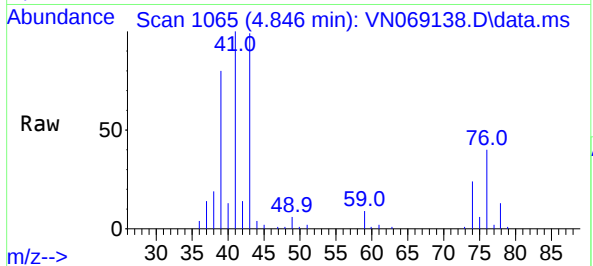
Tgt Ion: 76 Resp: 165047
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8





#17
 Allyl chloride
 Concen: 21.012 ug/l
 RT: 4.846 min Scan# 1065
 Delta R.T. -0.000 min
 Lab File: VN069138.D
 Acq: 22 Oct 2021 16:43

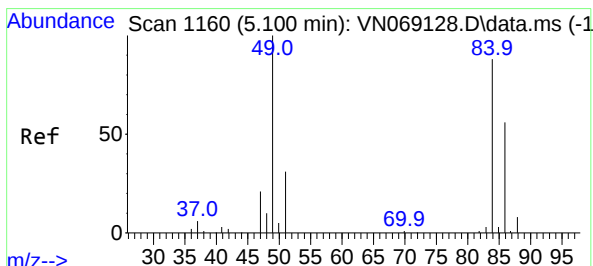
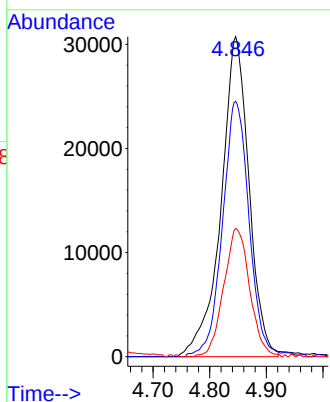
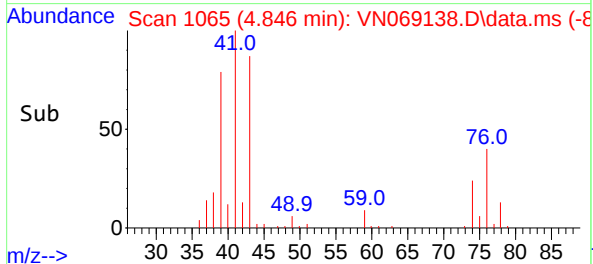
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02



Tgt Ion: 41 Resp: 10540
 Ion Ratio Lower Upper
 41 100
 39 79.8 44.6 134.0
 76 39.5 19.6 58.7

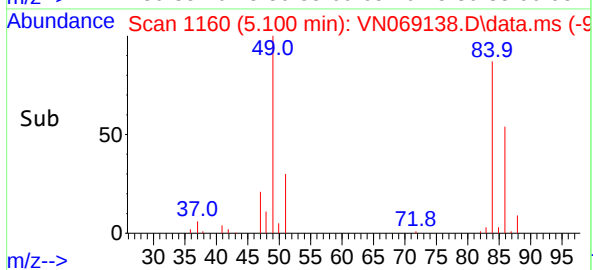
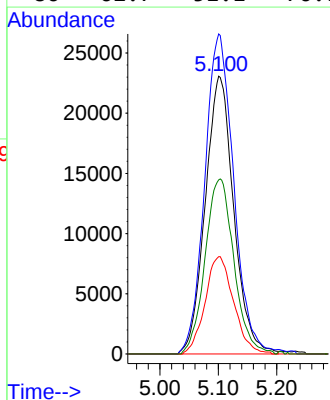
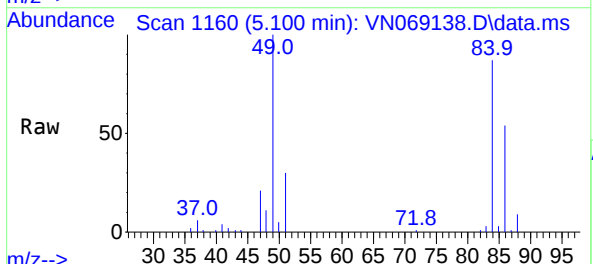
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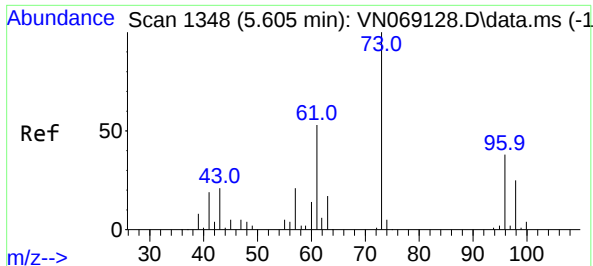
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#18
 Methylene Chloride
 Concen: 22.592 ug/l
 RT: 5.100 min Scan# 1160
 Delta R.T. -0.000 min
 Lab File: VN069138.D
 Acq: 22 Oct 2021 16:43

Tgt Ion: 84 Resp: 78202
 Ion Ratio Lower Upper
 84 100
 49 115.2 91.4 137.0
 51 35.0 29.4 44.0
 86 62.7 51.1 76.7





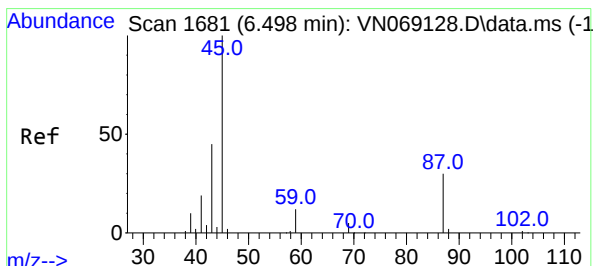
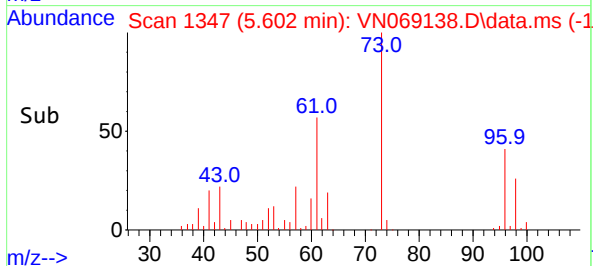
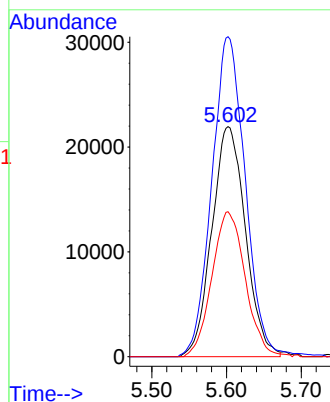
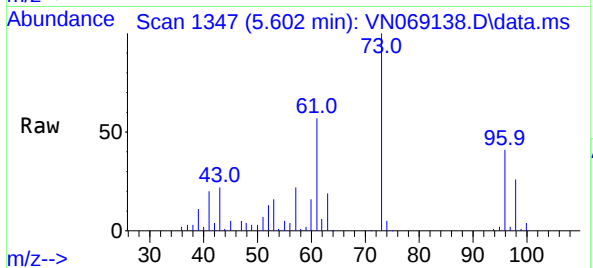
#19
trans-1,2-Dichloroethene
Concen: 21.693 ug/l
RT: 5.602 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 96 Resp: 68618
Ion Ratio Lower Upper
96 100
61 138.3 102.8 154.2
98 63.0 49.3 73.9

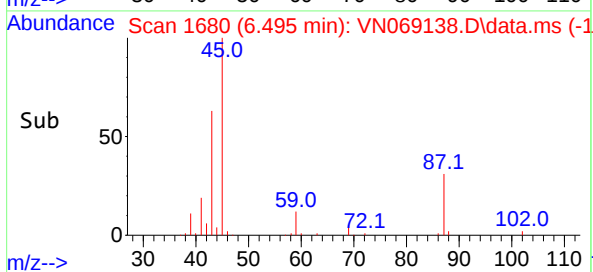
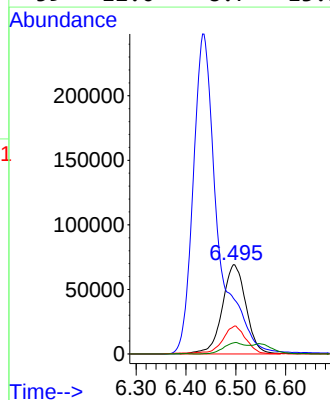
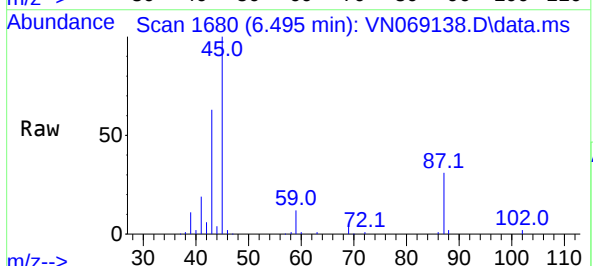
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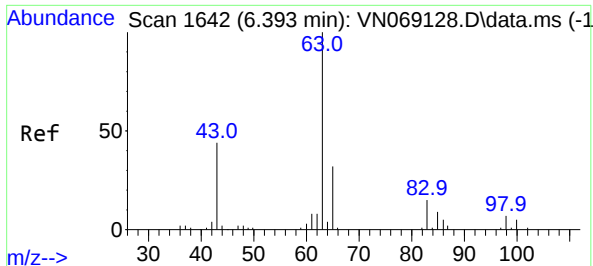
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#20
Diisopropyl ether
Concen: 21.304 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 45 Resp: 228281
Ion Ratio Lower Upper
45 100
43 60.0 51.0 76.4
87 30.3 25.0 37.4
59 12.0 8.7 13.1





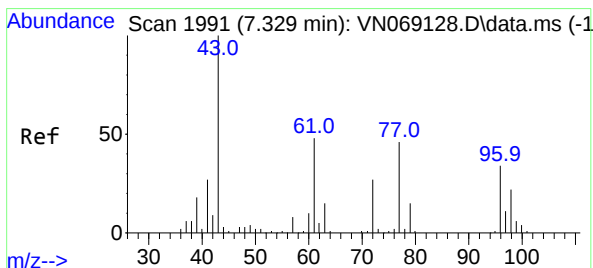
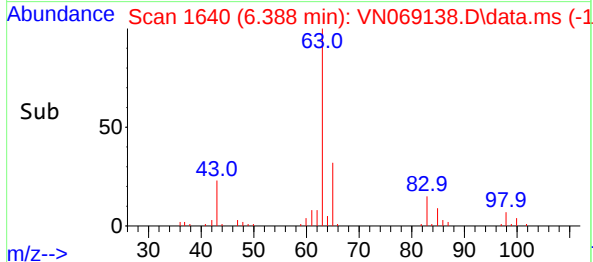
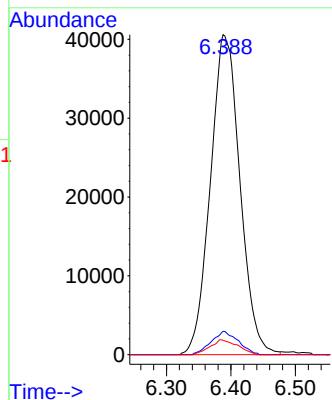
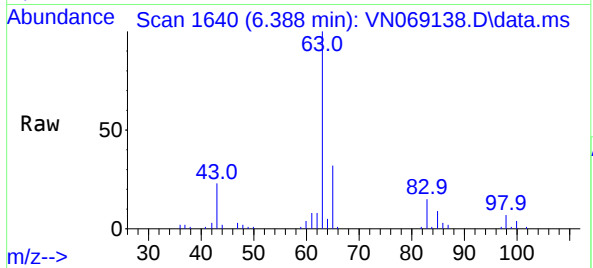
#21
1,1-Dichloroethane
Concen: 21.609 ug/l
RT: 6.388 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 63 Resp: 129244
Ion Ratio Lower Upper
63 100
98 7.3 3.2 9.6
100 4.5 2.1 6.2

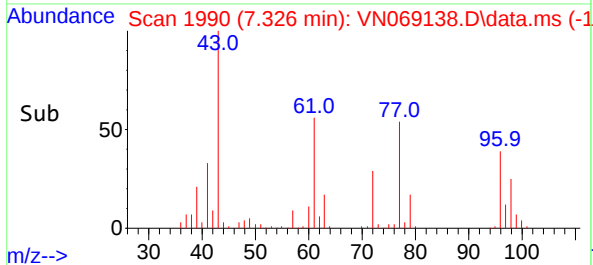
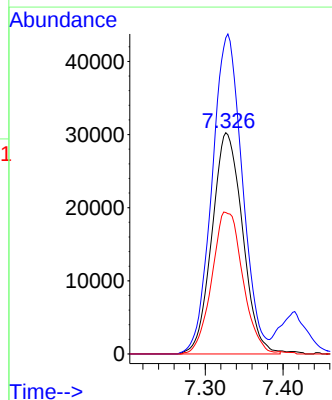
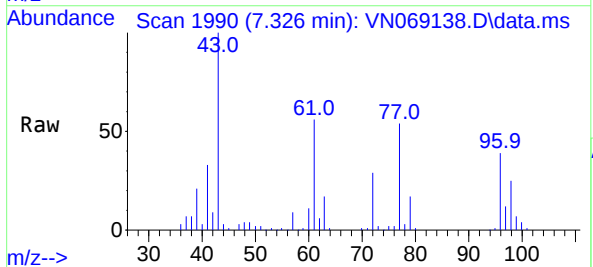
Manual Integrations
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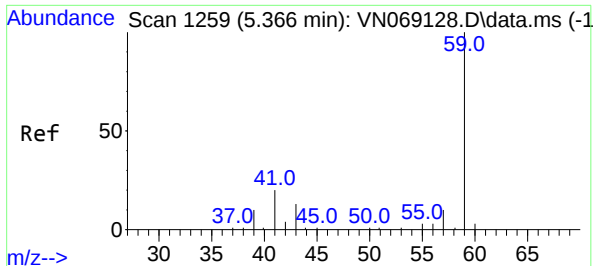
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#22
cis-1,2-Dichloroethene
Concen: 21.739 ug/l
RT: 7.326 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 96 Resp: 82422
Ion Ratio Lower Upper
96 100
61 143.7 115.7 173.5
98 64.9 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 100.592 ug/l

RT: 5.361 min Scan# 1259

Delta R.T. -0.005 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tgt Ion: 59 Resp: 64970

Ion Ratio Lower Upper

59 100

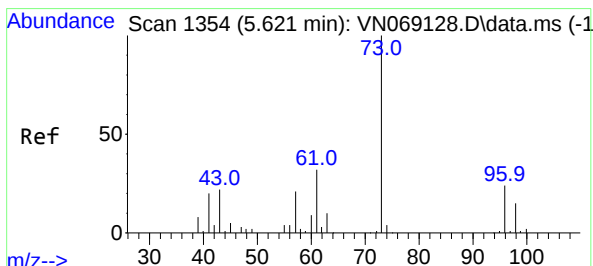
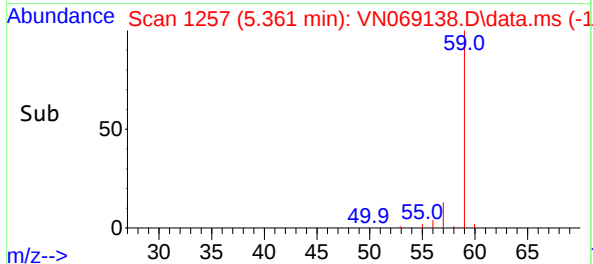
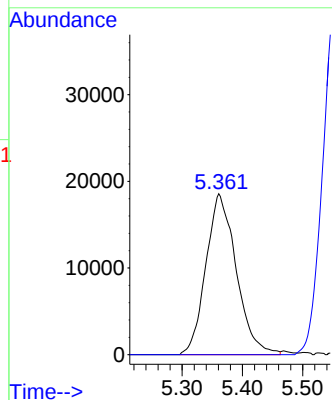
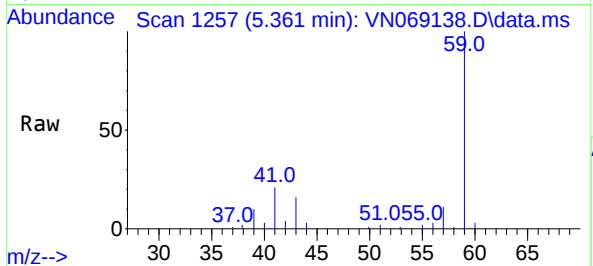
52 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#24

Methyl tert-Butyl Ether

Concen: 21.034 ug/l

RT: 5.615 min Scan# 1352

Delta R.T. -0.005 min

Lab File: VN069138.D

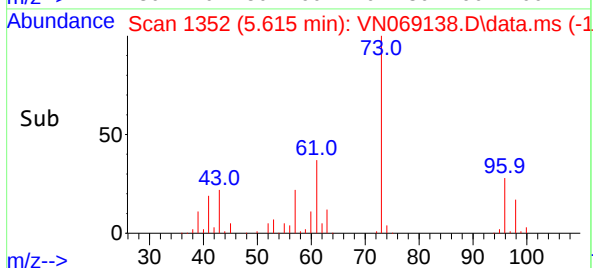
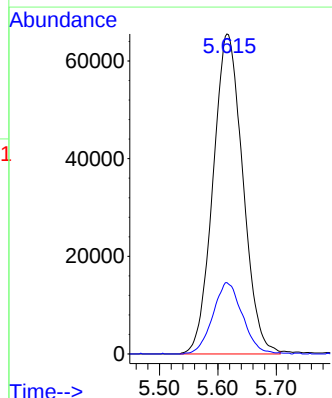
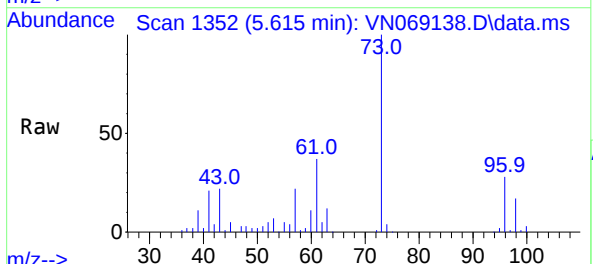
Acq: 22 Oct 2021 16:43

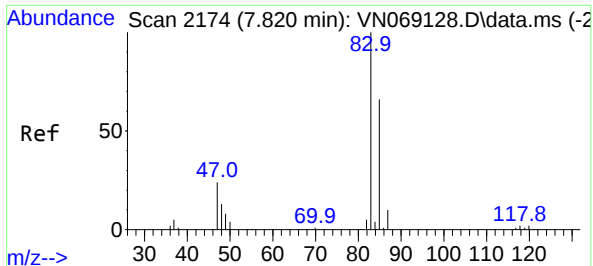
Tgt Ion: 73 Resp: 232397

Ion Ratio Lower Upper

73 100

43 22.1 18.1 27.1





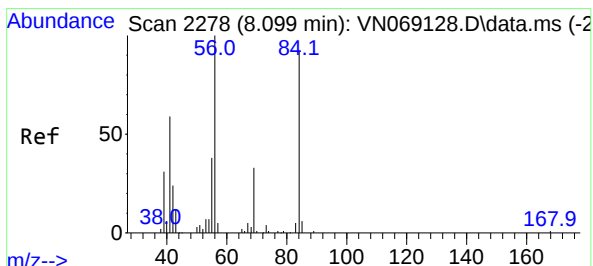
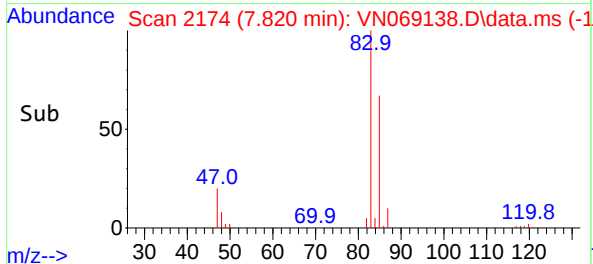
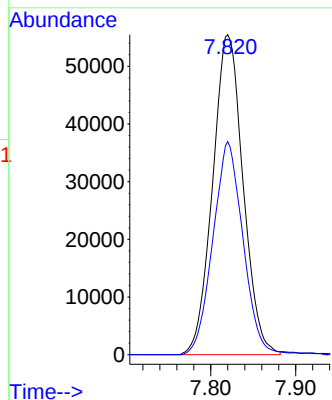
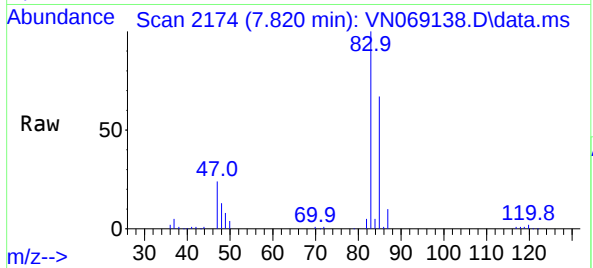
#25
Chloroform
Concen: 21.637 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 83 Resp: 13828
Ion Ratio Lower Upper
83 100
85 66.6 51.3 76.9

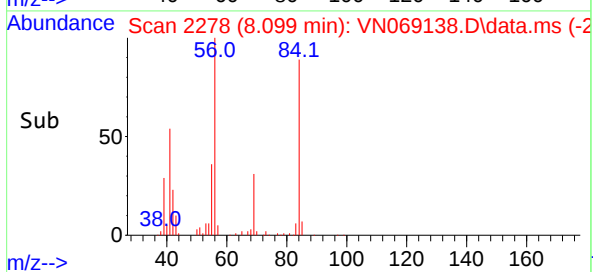
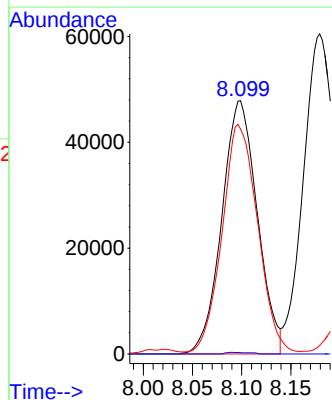
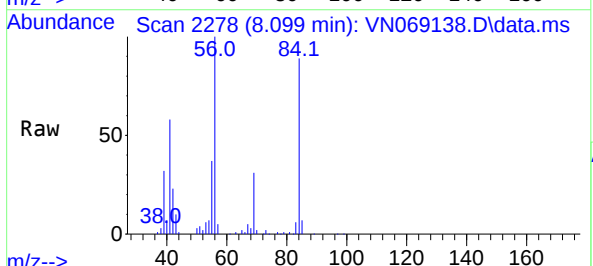
Manual Integrations
APPROVED

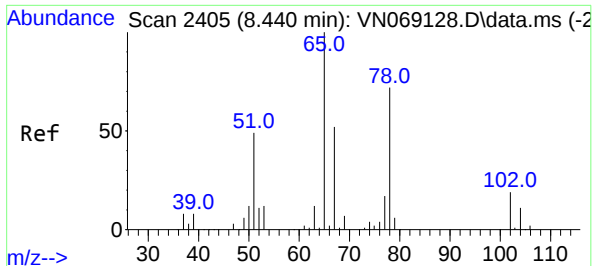
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#26
Cyclohexane
Concen: 21.810 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

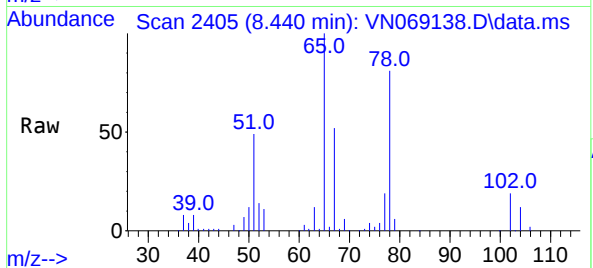
Tgt Ion: 56 Resp: 120149
Ion Ratio Lower Upper
56 100
89 0.3 0.1 0.1#
84 89.7 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.720 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

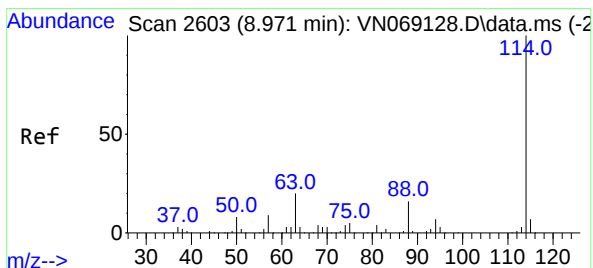
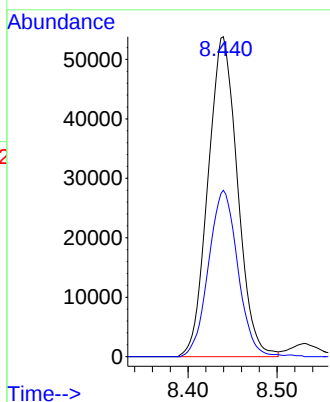
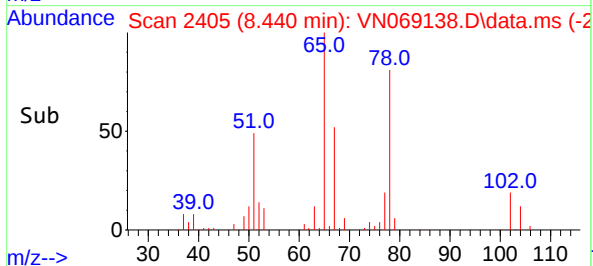
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



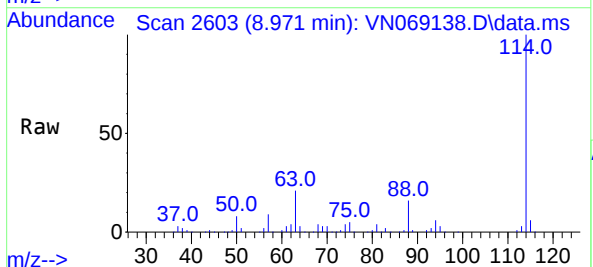
Tgt Ion: 65 Resp: 123929
Ion Ratio Lower Upper
65 100
67 51.6 40.2 60.2

Manual Integrations
APPROVED

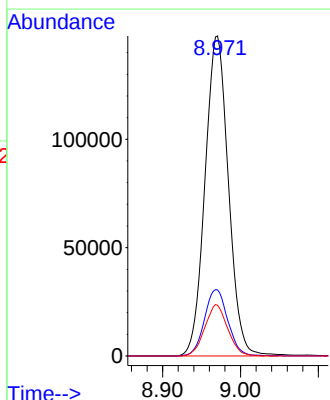
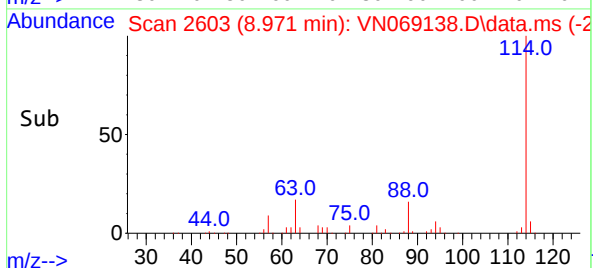
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

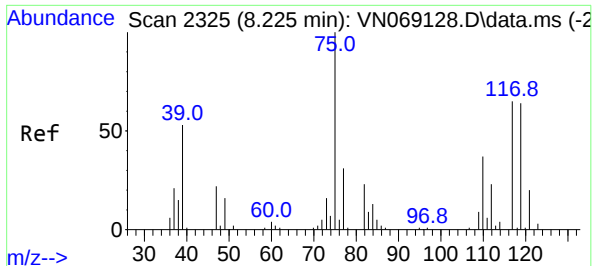


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



Tgt Ion:114 Resp: 308837
Ion Ratio Lower Upper
114 100
63 20.7 15.8 23.6
88 15.7 11.6 17.4





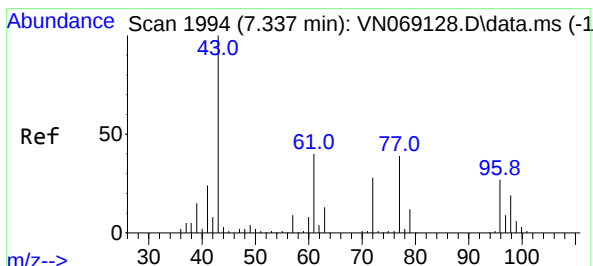
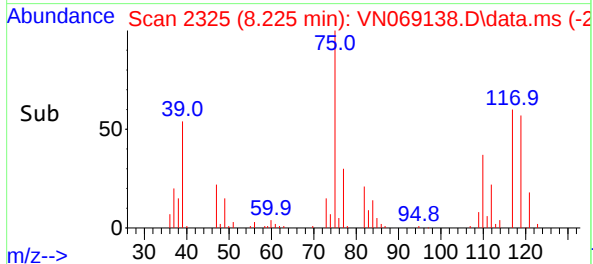
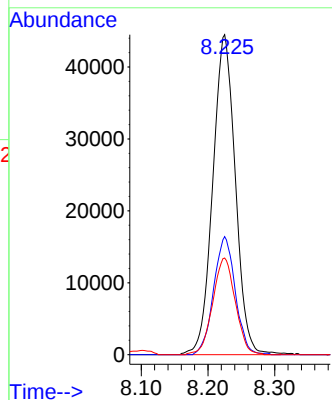
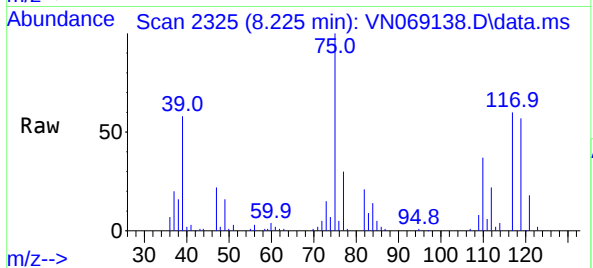
#29
1,1-Dichloropropene
Concen: 21.496 ug/l
RT: 8.225 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 75 Resp: 10447
Ion Ratio Lower Upper
75 100
110 35.4 0.0 74.2
77 30.3 0.0 63.2

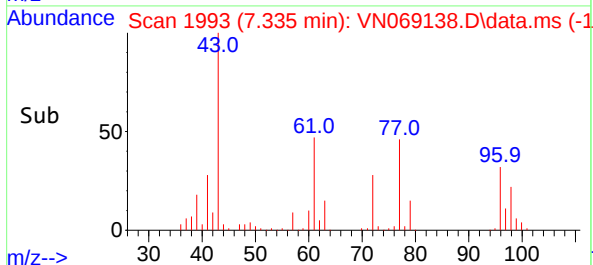
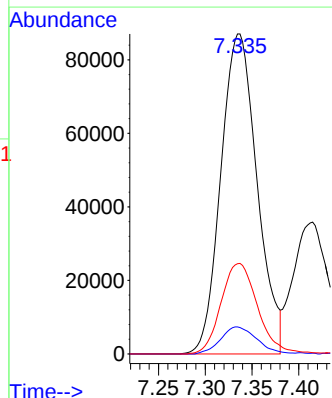
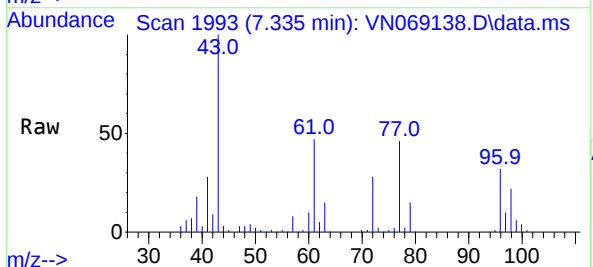
Manual Integrations
APPROVED

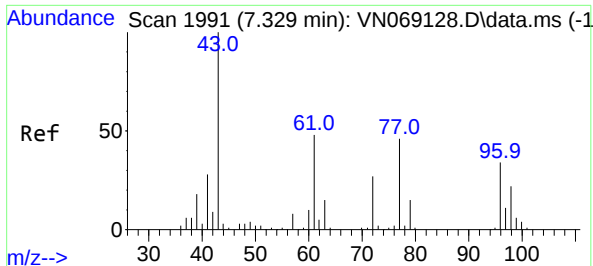
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#30
2-Butanone
Concen: 100.601 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 43 Resp: 234776
Ion Ratio Lower Upper
43 100
57 8.5 6.7 10.1
72 28.6 23.2 34.8





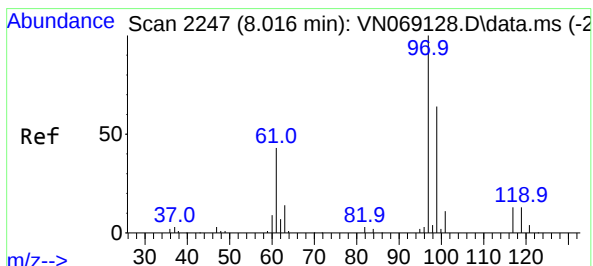
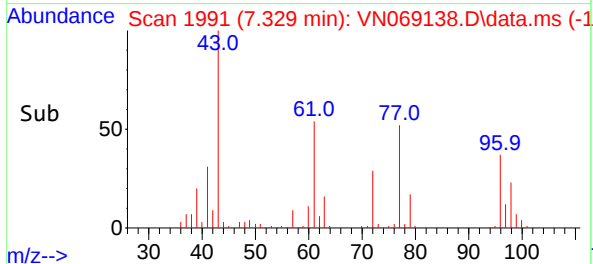
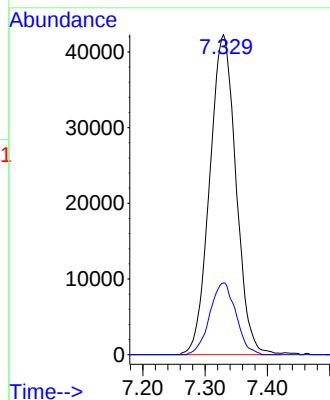
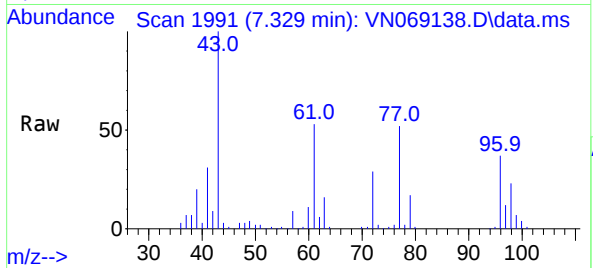
#31
2,2-Dichloropropane
Concen: 21.310 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 77 Resp: 124079
Ion Ratio Lower Upper
77 100
97 22.3 18.3 27.5

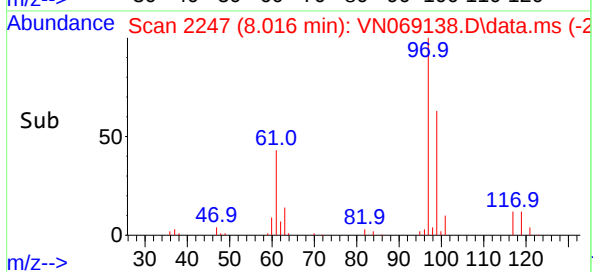
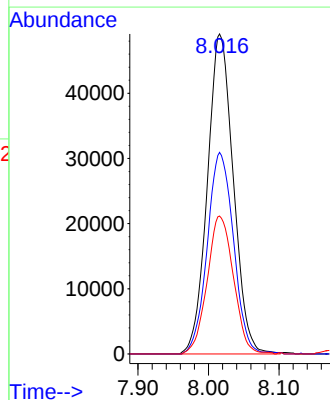
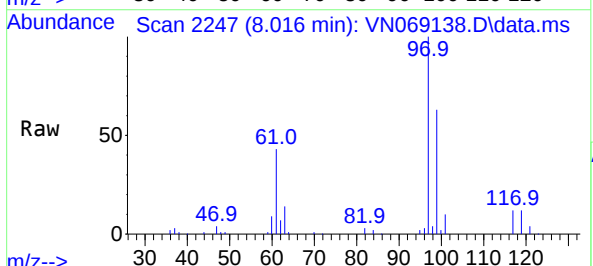
Manual Integrations
APPROVED

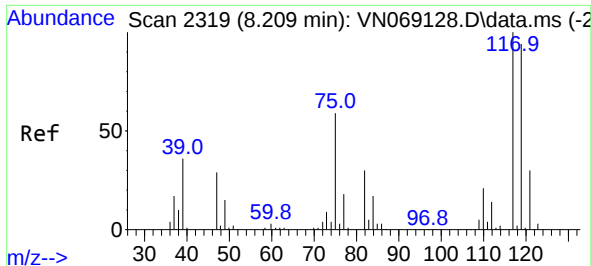
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#32
1,1,1-Trichloroethane
Concen: 20.773 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

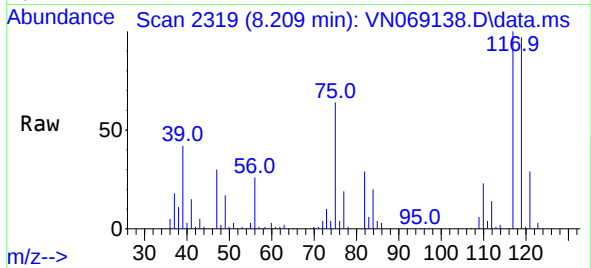
Tgt Ion: 97 Resp: 125625
Ion Ratio Lower Upper
97 100
99 63.5 50.4 75.6
61 43.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.664 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

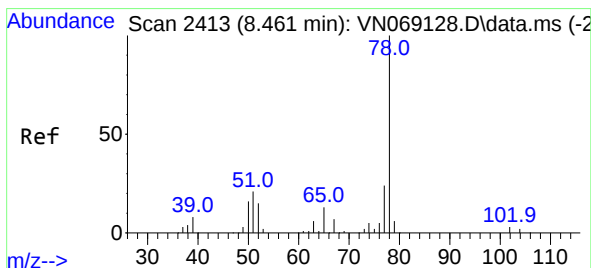
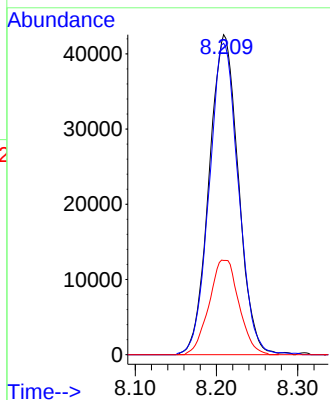
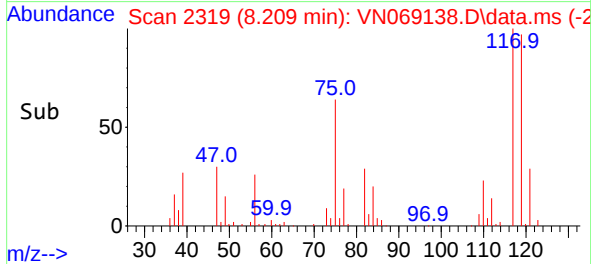
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



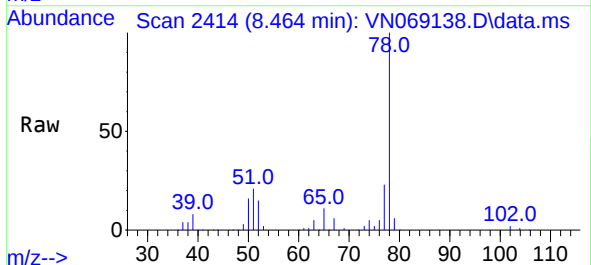
Tgt Ion:117 Resp: 10614
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3
121 29.5 23.5 35.3

Manual Integrations
APPROVED

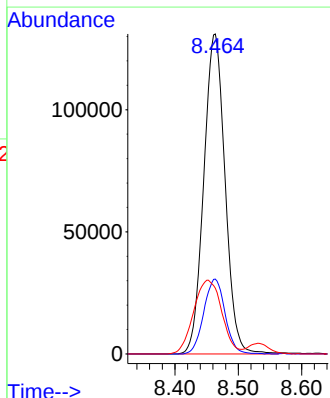
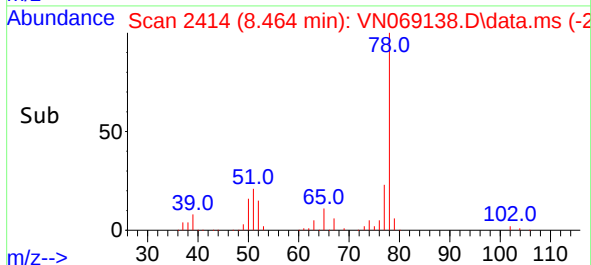
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

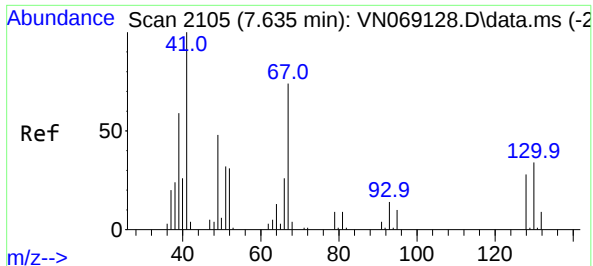


#34
Benzene
Concen: 21.075 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



Tgt Ion: 78 Resp: 305855
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 20.1 16.0 24.0





#35
Methacrylonitrile
Concen: 19.270 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

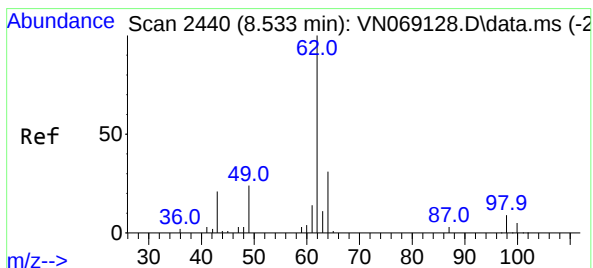
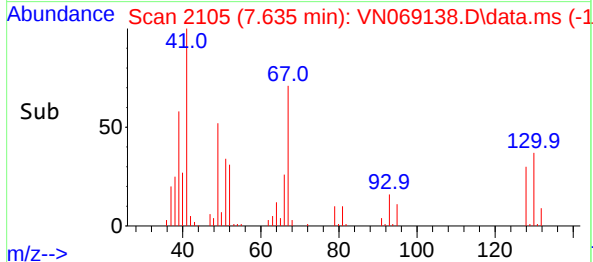
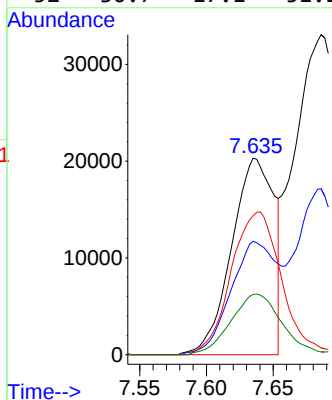
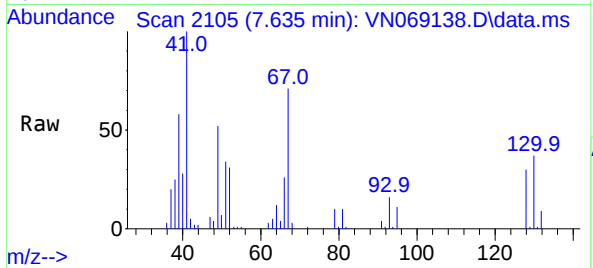
Instrument : MSVOA_N
Client Sample Id : VN1022WBS02

Tgt Ion: 41 Resp: 44819

Ion	Ratio	Lower	Upper
41	100		
39	57.7	28.0	83.9
67	70.8	37.7	113.1
52	30.7	17.1	51.2

Manual Integrations
APPROVED

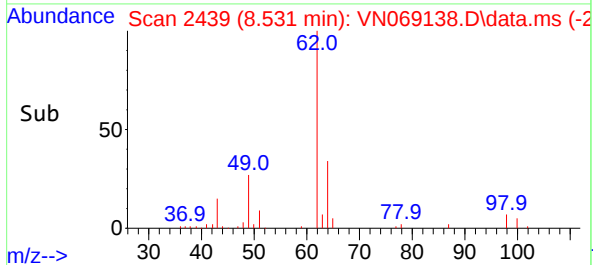
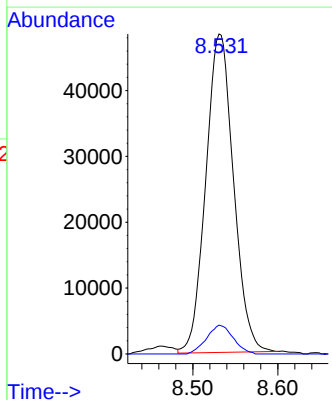
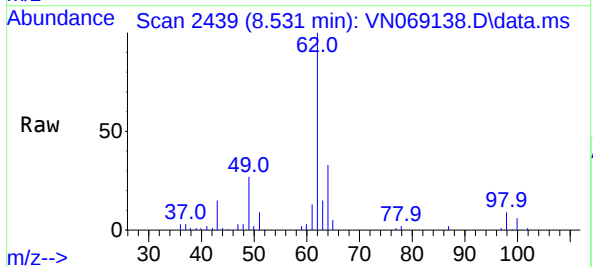
Reviewed By : John Carlone 10/25/2021
Supervised By : Mahesh Dadoda 10/25/2021

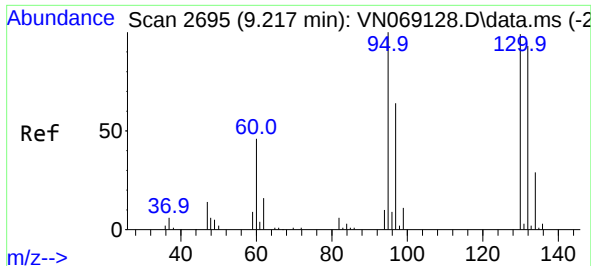


#36
1,2-Dichloroethane
Concen: 20.940 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 62 Resp: 109681

Ion	Ratio	Lower	Upper
62	100		
98	8.7	6.6	10.0





#37

Trichloroethene

Concen: 20.996 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tgt Ion:130 Resp: 7748

Ion Ratio Lower Upper

130 100

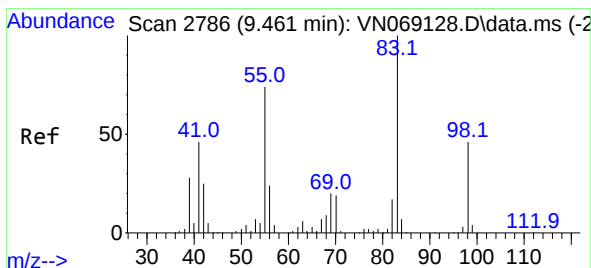
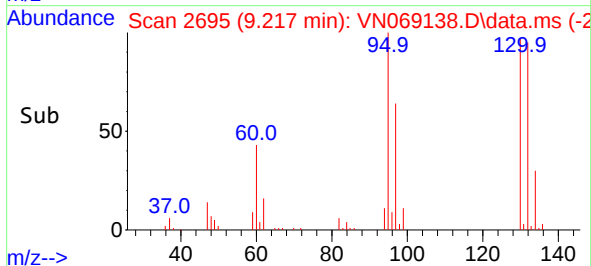
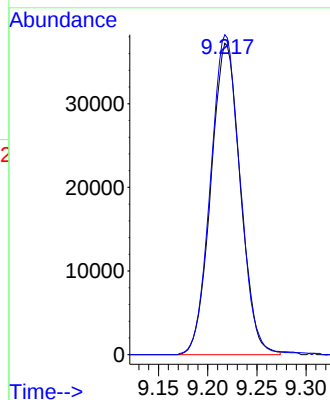
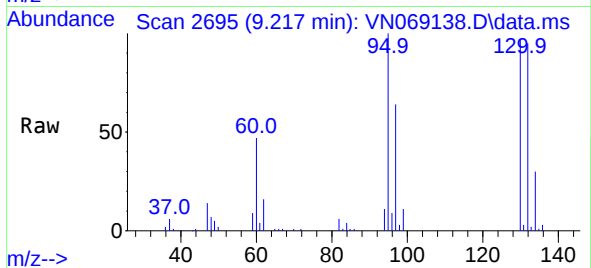
95 102.4 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#38

Methylcyclohexane

Concen: 21.693 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

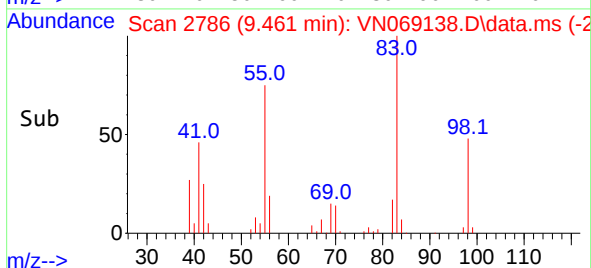
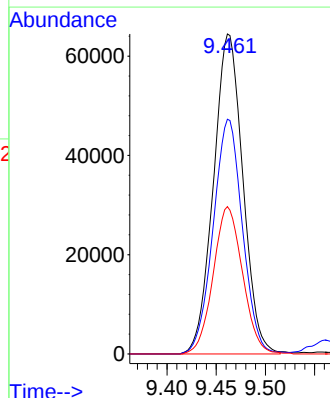
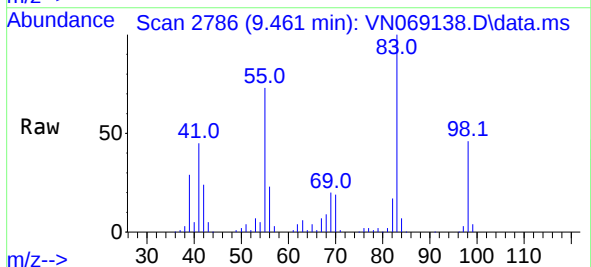
Tgt Ion: 83 Resp: 134221

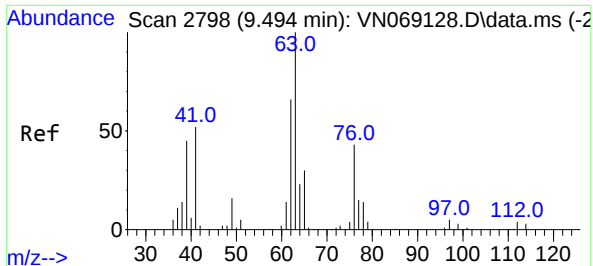
Ion Ratio Lower Upper

83 100

55 73.1 35.1 105.3

98 45.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 21.077 ug/l

RT: 9.494 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

Tgt Ion: 63 Resp: 7800

Ion Ratio Lower Upper

63 100

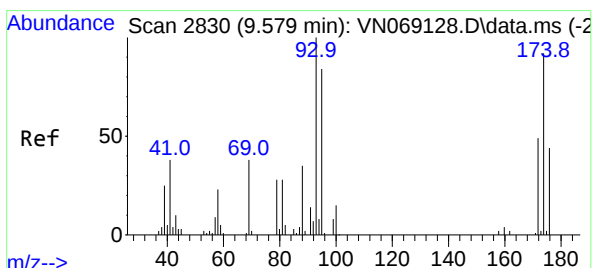
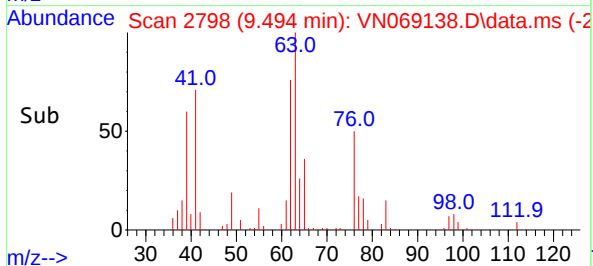
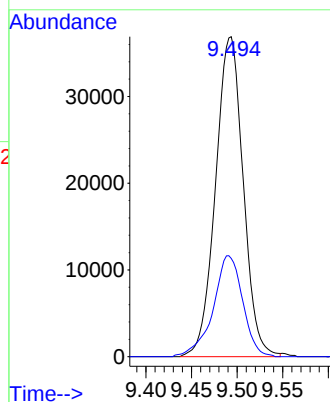
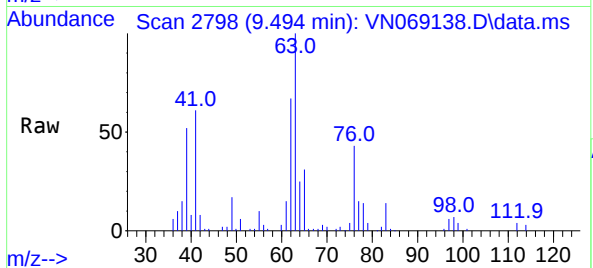
65 30.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#40

Dibromomethane

Concen: 20.626 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

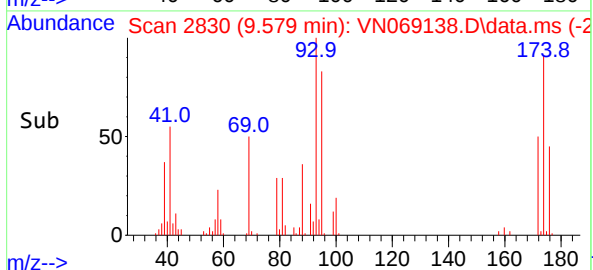
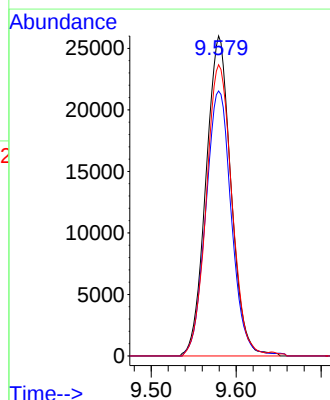
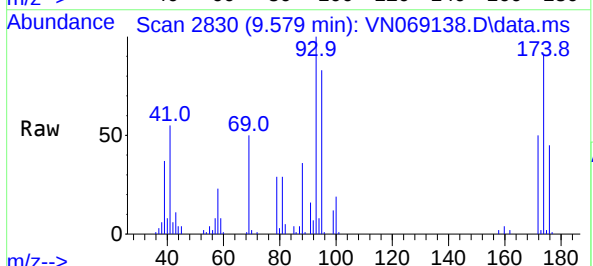
Tgt Ion: 93 Resp: 53369

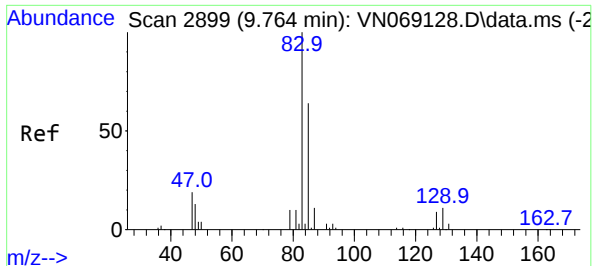
Ion Ratio Lower Upper

93 100

95 84.6 0.0 168.8

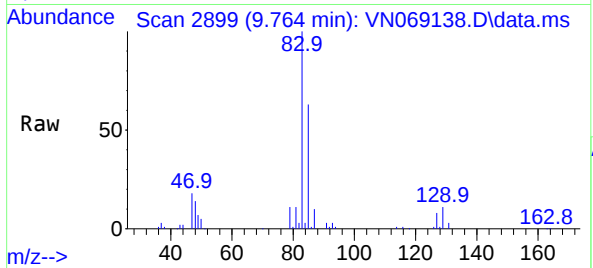
174 92.5 0.0 173.6





#41
Bromodichloromethane
Concen: 20.724 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

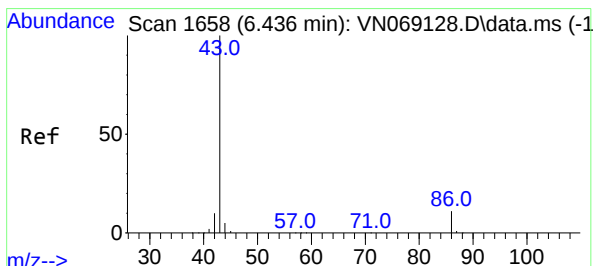
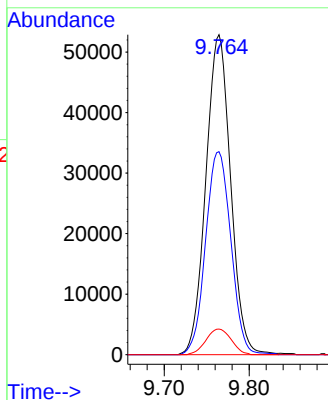
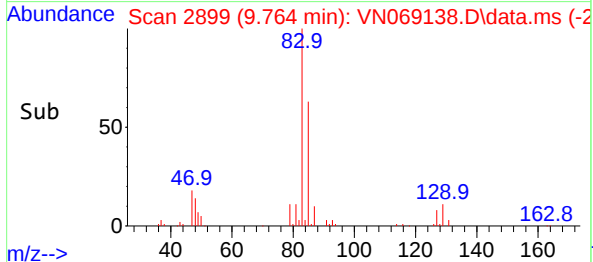
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



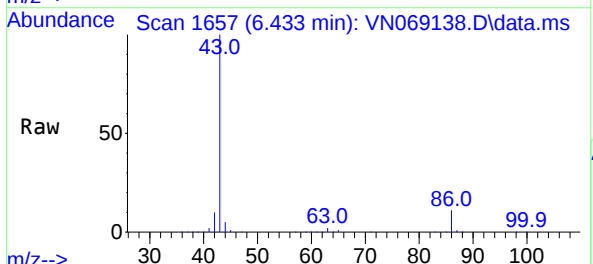
Tgt Ion: 83 Resp: 107149
Ion Ratio Lower Upper
83 100
85 63.4 54.1 81.1
127 8.0 7.6 11.4

Manual Integrations
APPROVED

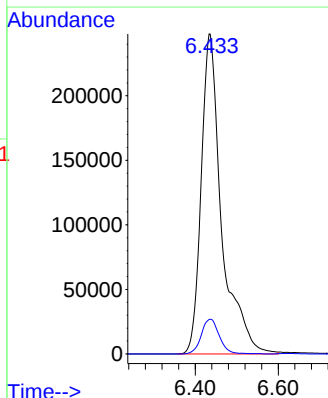
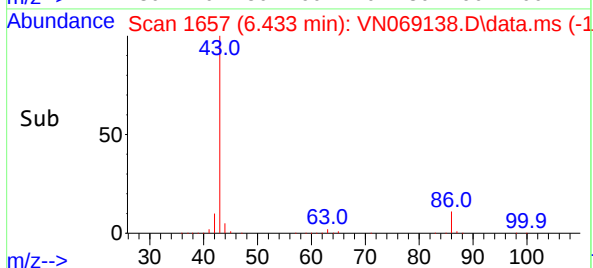
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

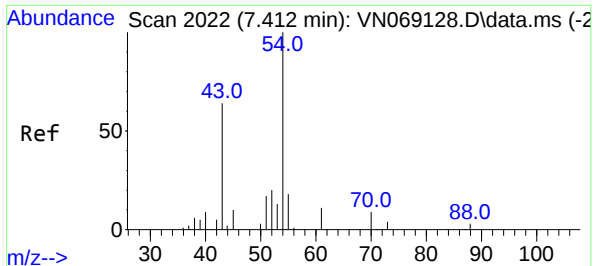


#42
Vinyl Acetate
Concen: 101.620 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



Tgt Ion: 43 Resp: 846225
Ion Ratio Lower Upper
43 100
86 9.5 7.5 11.3





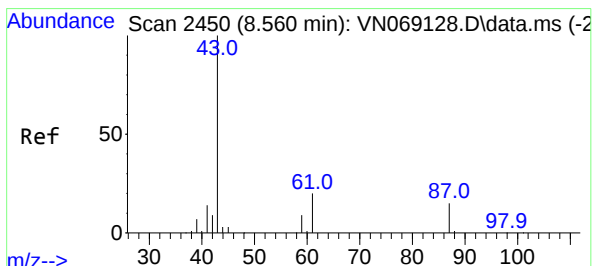
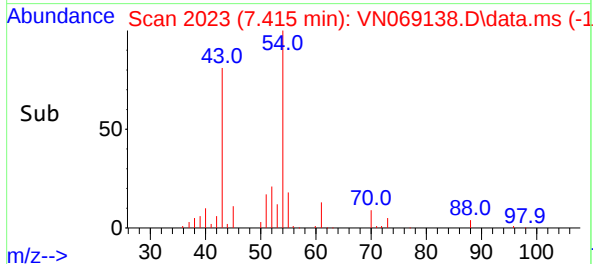
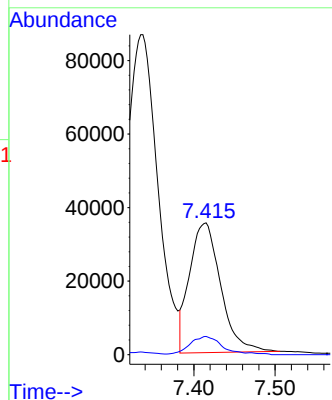
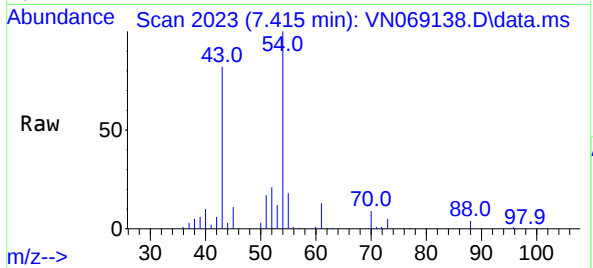
#43
Ethyl Acetate
Concen: 20.619 ug/l
RT: 7.415 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 43 Resp: 9386
Ion Ratio Lower Upper
43 100
45 13.5 10.6 16.0

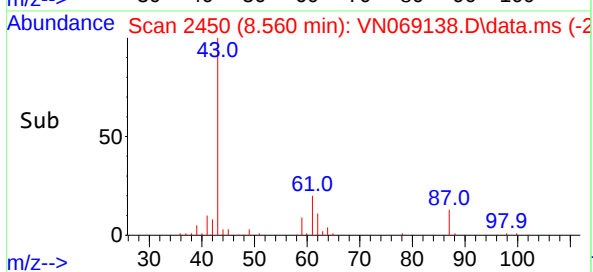
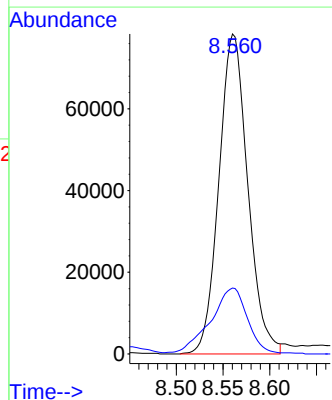
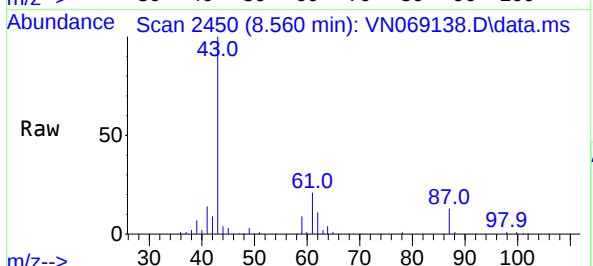
Manual Integrations
APPROVED

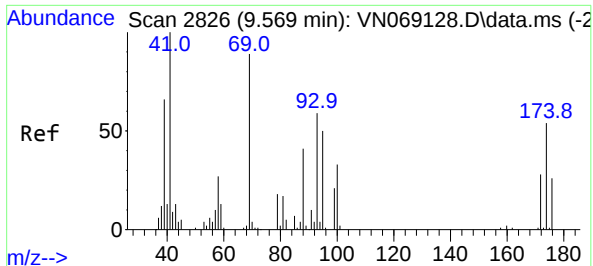
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#44
Isopropyl Acetate
Concen: 19.975 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

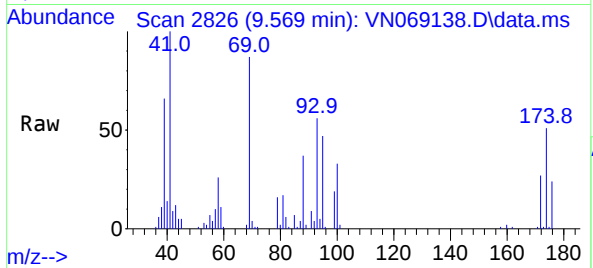
Tgt Ion: 43 Resp: 168377
Ion Ratio Lower Upper
43 100
61 25.4 20.1 30.1





#45
1,4-Dioxane
Concen: 399.776 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

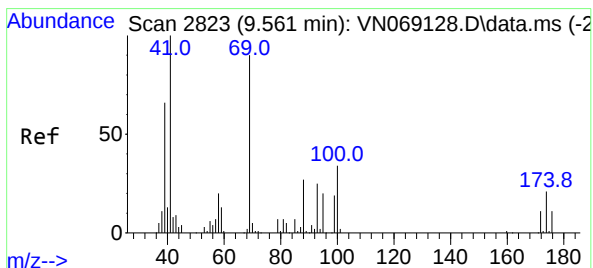
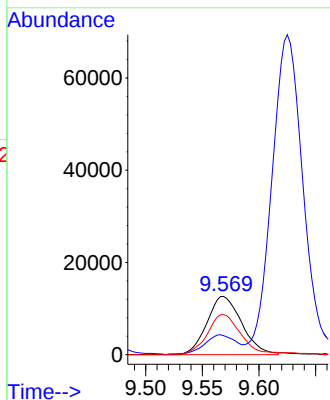
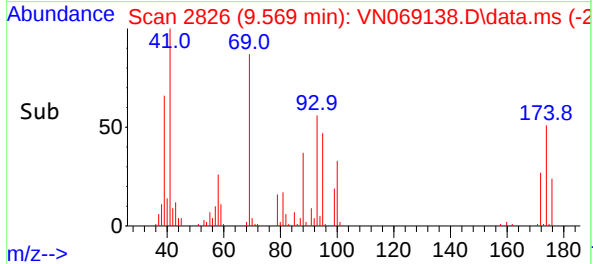
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



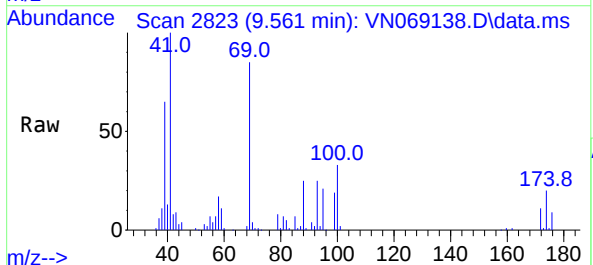
Tgt Ion: 88 Resp: 26970
Ion Ratio Lower Upper
88 100
43 30.6 25.0 37.6
58 66.5 49.4 74.2

Manual Integrations
APPROVED

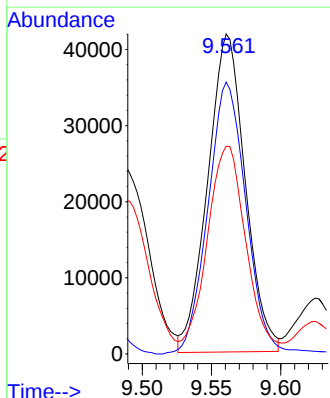
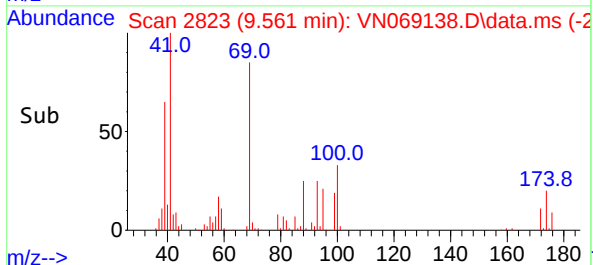
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

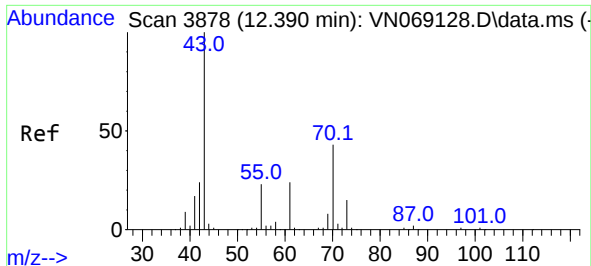


#46
Methyl methacrylate
Concen: 20.647 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



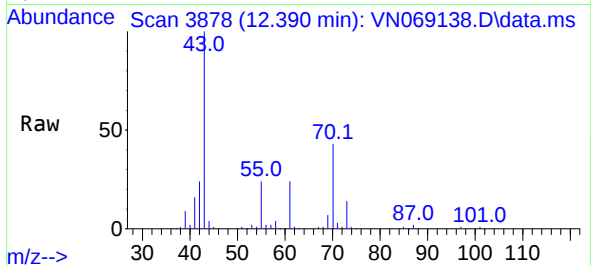
Tgt Ion: 41 Resp: 78675
Ion Ratio Lower Upper
41 100
69 87.8 44.4 133.2
39 64.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 19.451 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

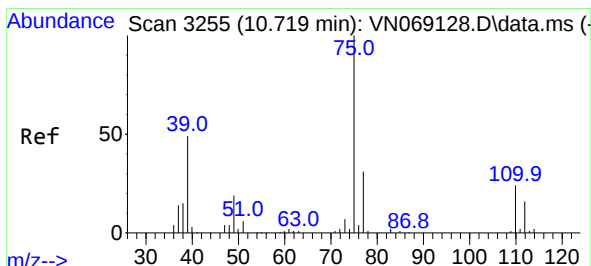
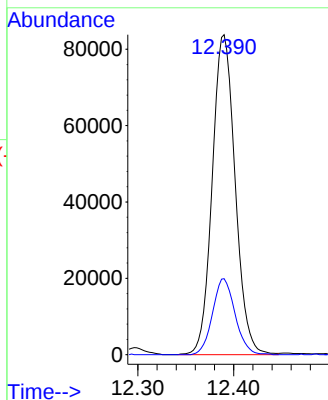
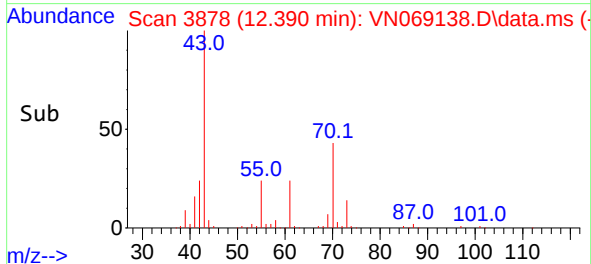
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



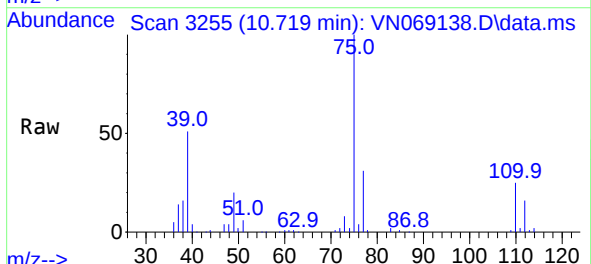
Tgt Ion: 43 Resp: 139200
Ion Ratio Lower Upper
43 100
55 23.3 19.0 28.6

Manual Integrations
APPROVED

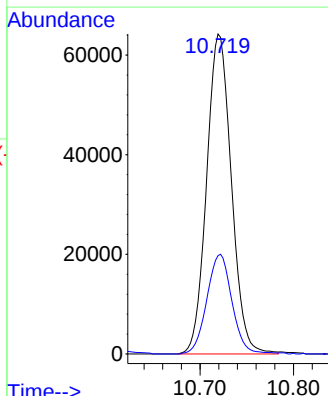
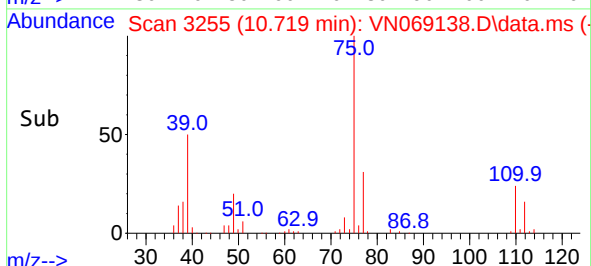
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

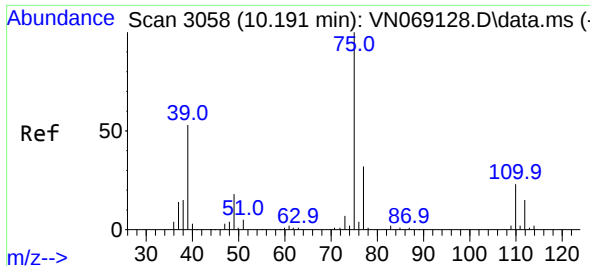


#48
t-1,3-Dichloropropene
Concen: 19.765 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



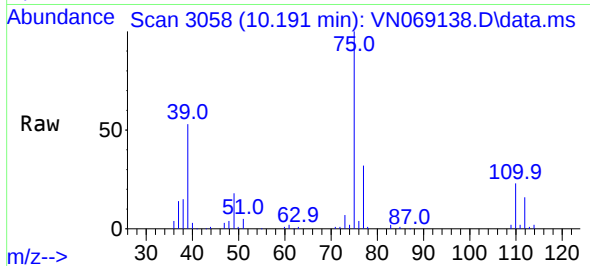
Tgt Ion: 75 Resp: 118200
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.121 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

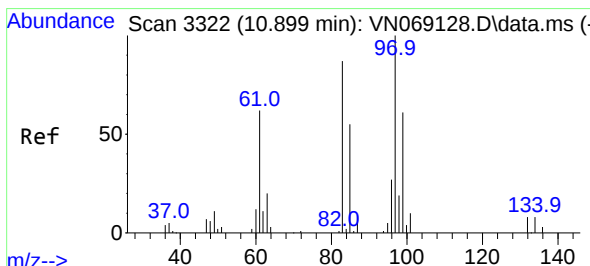
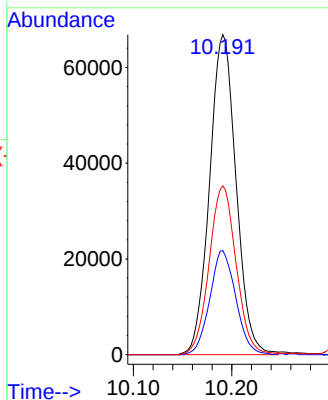
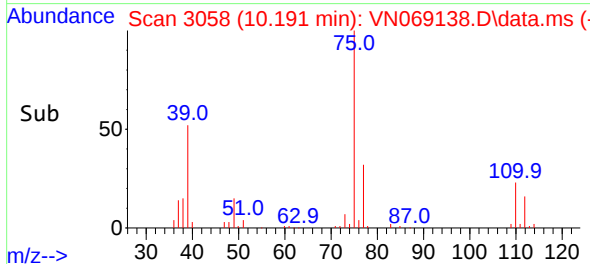
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



Tgt Ion: 75 Resp: 12530
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 52.7 46.2 69.4

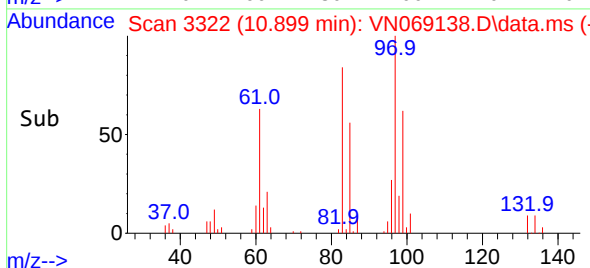
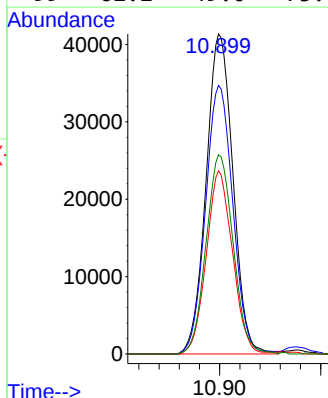
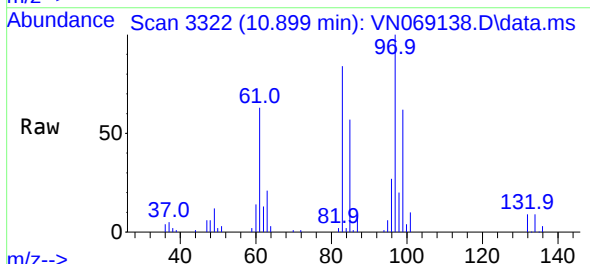
Manual Integrations
APPROVED

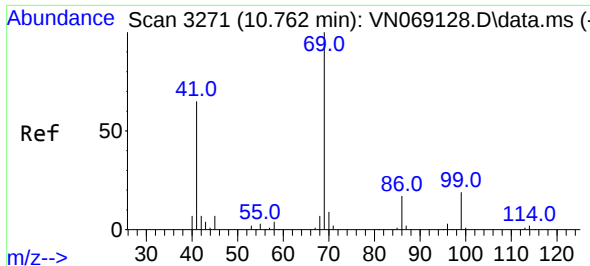
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#50
1,1,2-Trichloroethane
Concen: 20.571 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 97 Resp: 76389
Ion Ratio Lower Upper
97 100
83 83.9 67.2 100.8
85 57.2 43.0 64.4
99 62.2 49.0 73.4





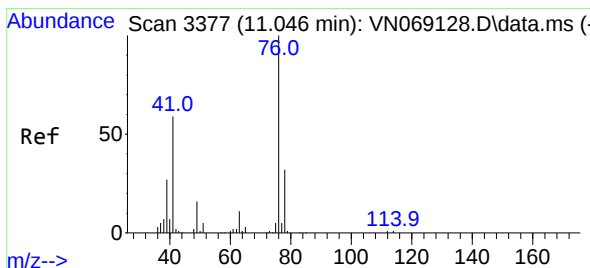
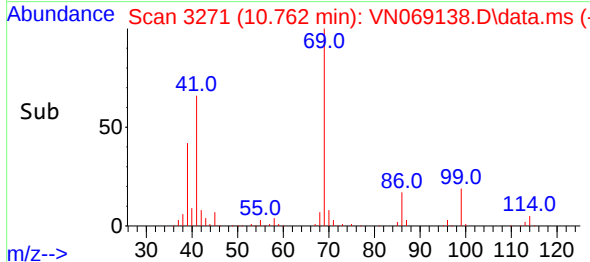
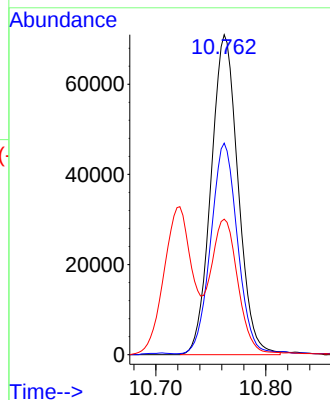
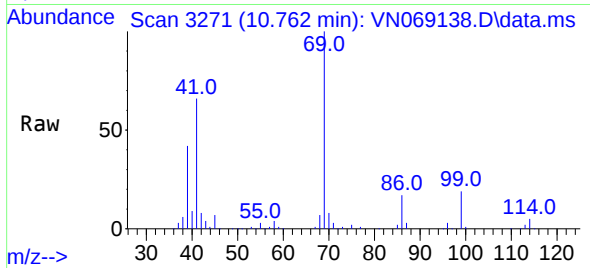
#51
Ethyl methacrylate
Concen: 19.839 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 69 Resp: 121440
Ion Ratio Lower Upper
69 100
41 65.7 33.0 98.9
39 41.7 25.4 76.4

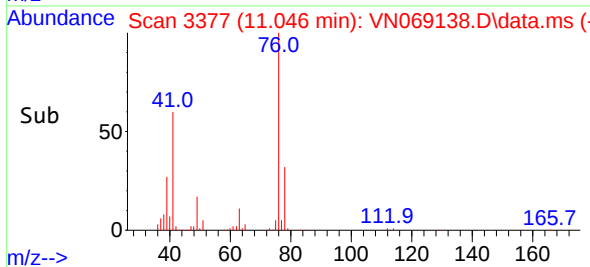
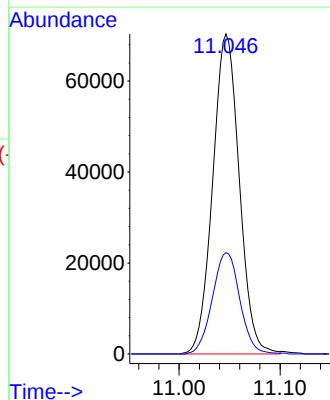
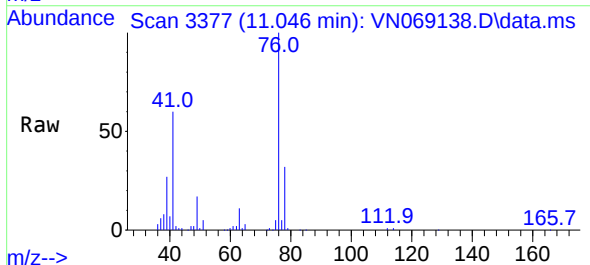
Manual Integrations
APPROVED

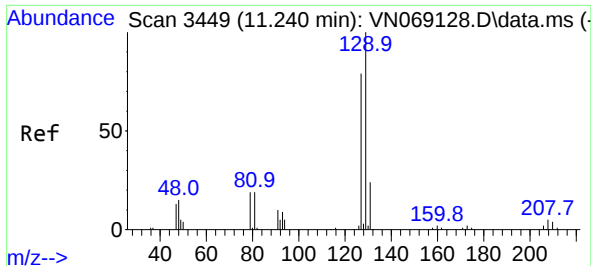
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#52
1,3-Dichloropropane
Concen: 20.549 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

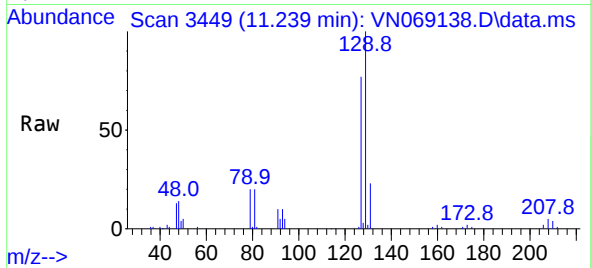
Tgt Ion: 76 Resp: 128384
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.4





#53
Dibromochloromethane
Concen: 19.676 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

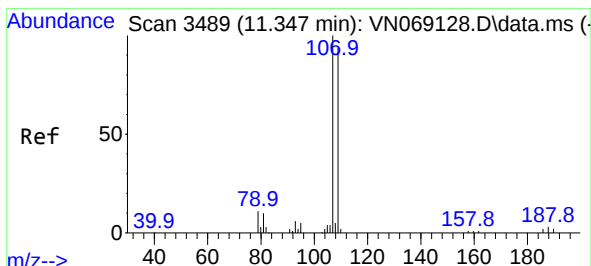
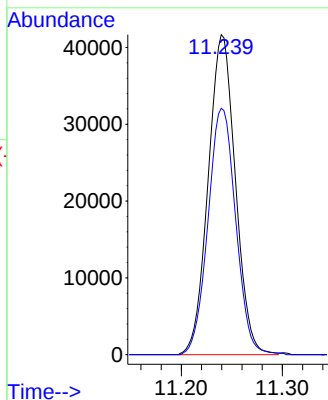
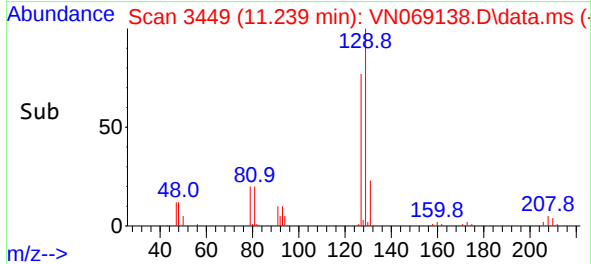
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



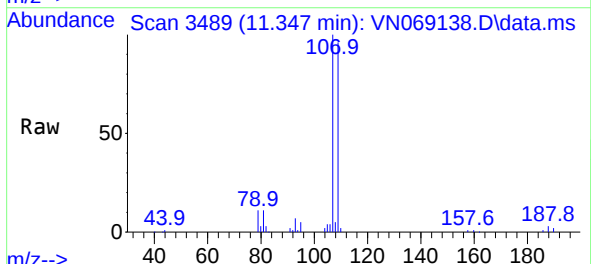
Tgt Ion:129 Resp: 77999
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

Manual Integrations
APPROVED

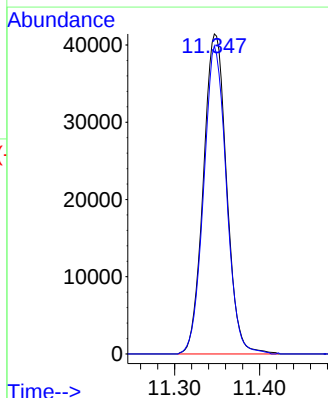
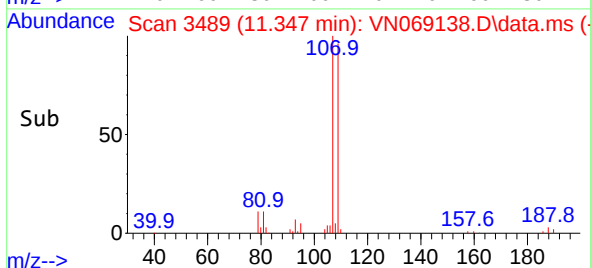
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

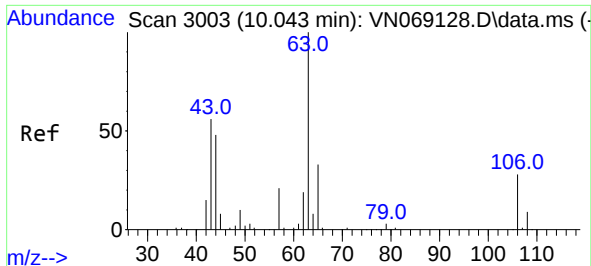


#54
1,2-Dibromoethane
Concen: 20.271 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



Tgt Ion:107 Resp: 78691
Ion Ratio Lower Upper
107 100
109 94.2 72.8 109.2





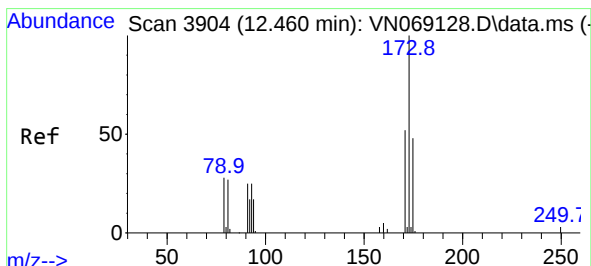
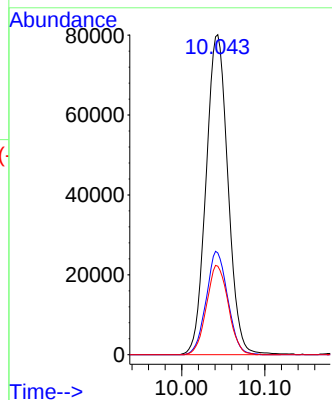
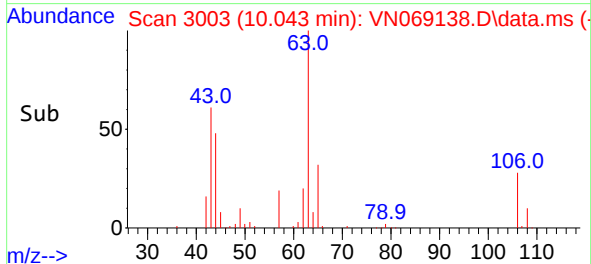
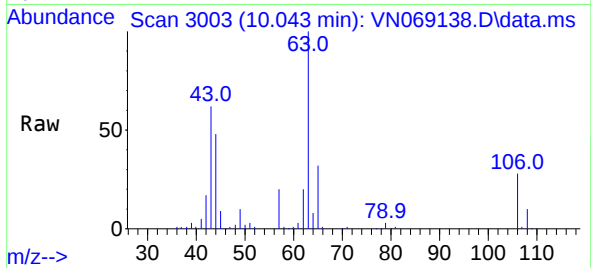
#55
2-Chloroethyl vinyl ether
Concen: 75.424 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 63 Resp: 14658
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 27.8 23.2 34.8

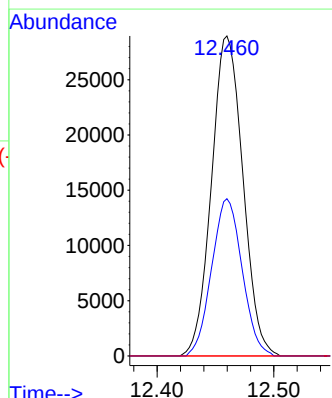
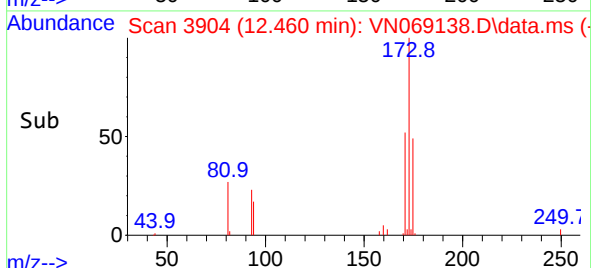
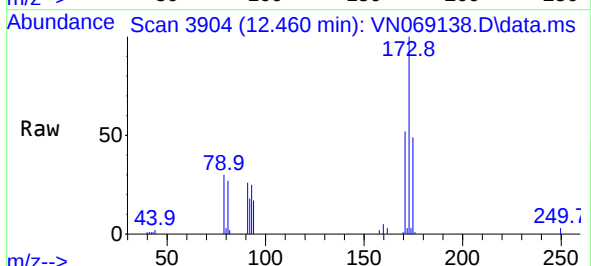
Manual Integrations
APPROVED

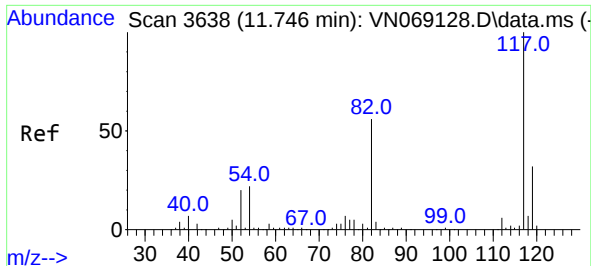
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#56
Bromoform
Concen: 18.920 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion:173 Resp: 54066
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 0.0 0.0 0.0





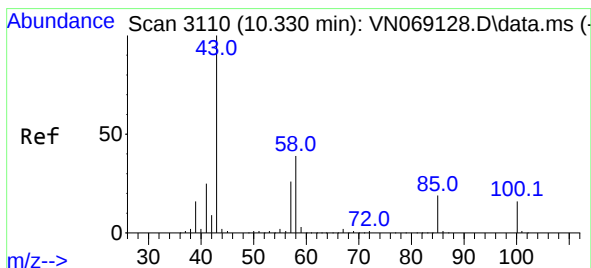
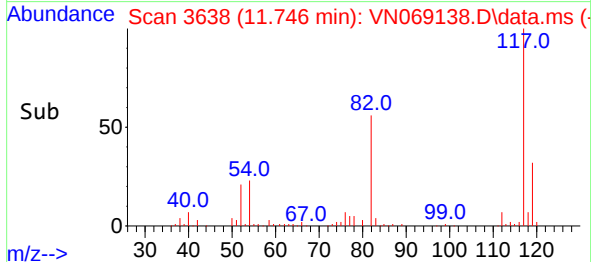
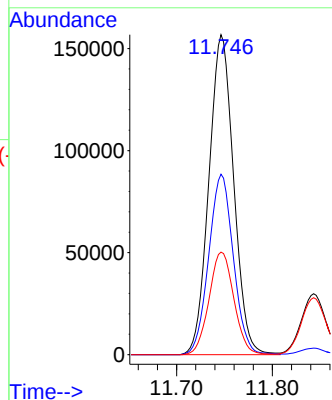
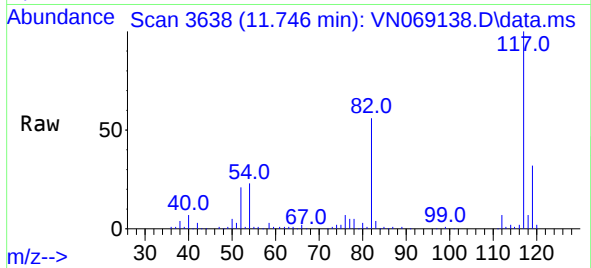
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 117 Resp: 281632
Ion Ratio Lower Upper
117 100
82 56.2 43.6 65.4
119 32.2 25.8 38.6

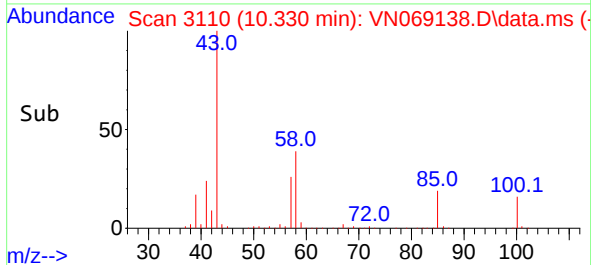
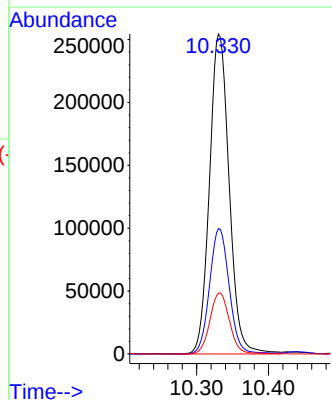
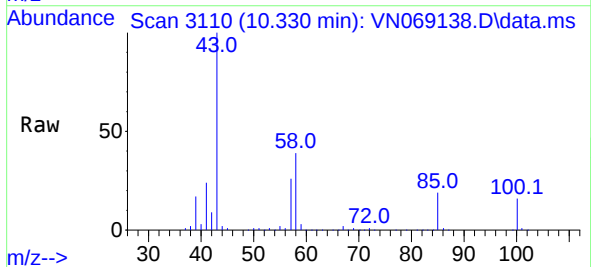
Manual Integrations
APPROVED

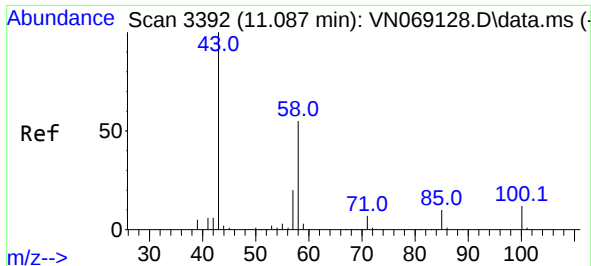
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#58
4-Methyl-2-Pentanone
Concen: 101.968 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

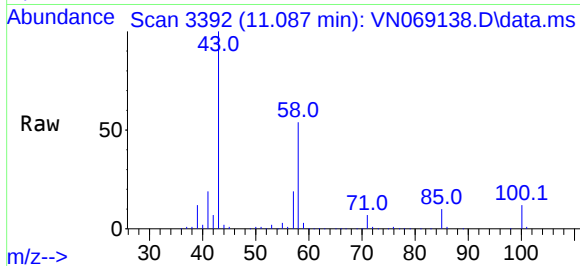
Tgt Ion: 43 Resp: 484480
Ion Ratio Lower Upper
43 100
58 39.2 30.0 45.0
85 18.9 15.0 22.6





#59
2-Hexanone
Concen: 101.670 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

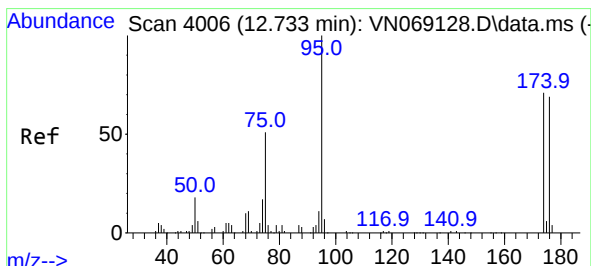
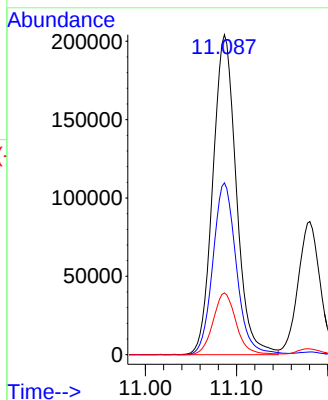
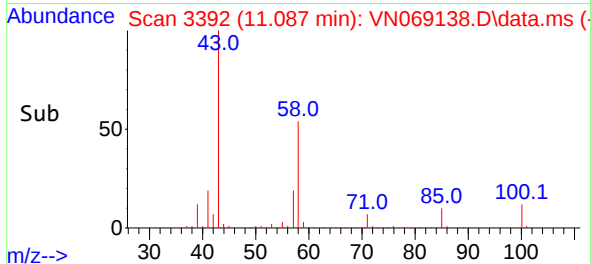
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



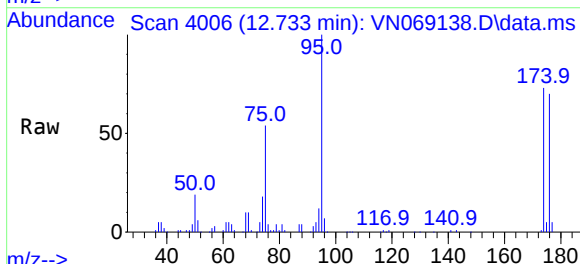
Tgt Ion: 43 Resp: 364790
Ion Ratio Lower Upper
43 100
58 53.8 42.2 63.2
57 19.0 15.0 22.4

Manual Integrations
APPROVED

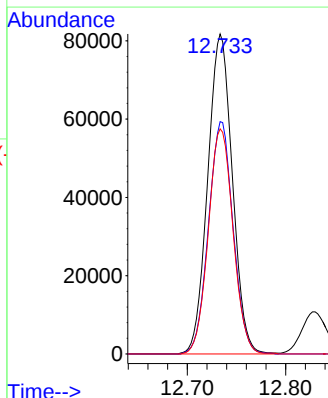
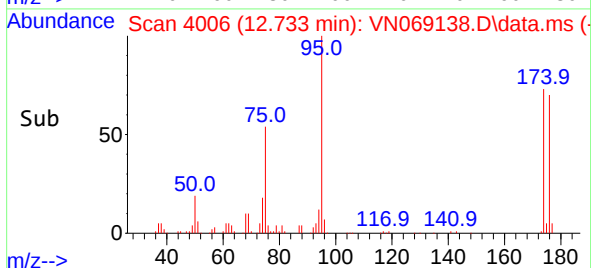
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

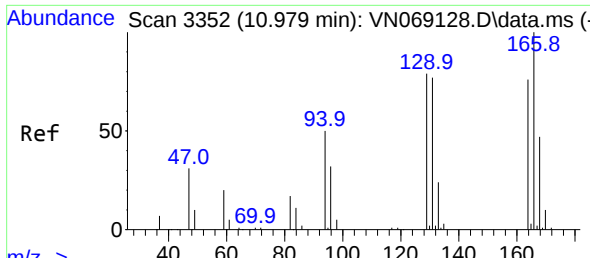


#60
4-Bromofluorobenzene
Concen: 29.524 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



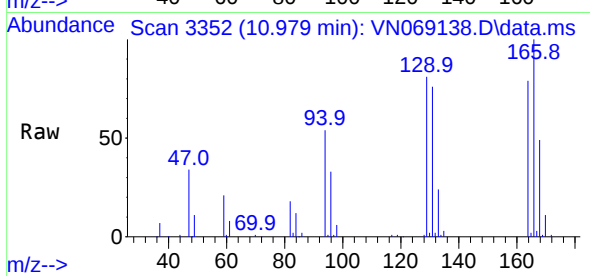
Tgt Ion: 95 Resp: 142574
Ion Ratio Lower Upper
95 100
174 72.5 62.9 94.3
176 70.5 61.0 91.4





#61
Tetrachloroethene
Concen: 21.937 ug/l
RT: 10.979 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

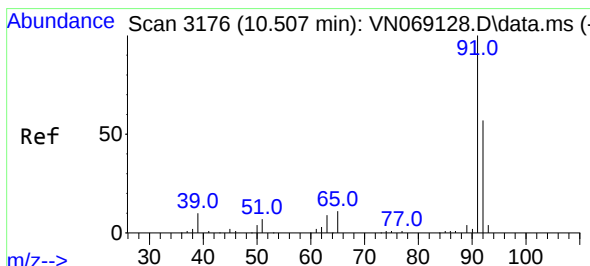
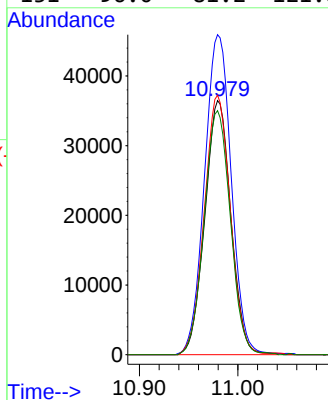
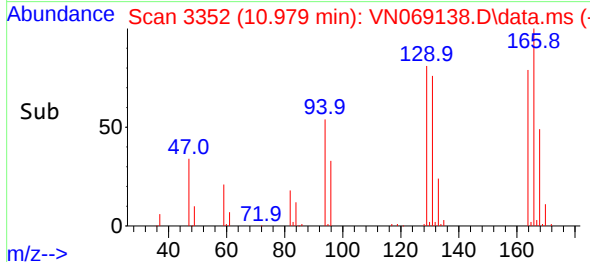
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



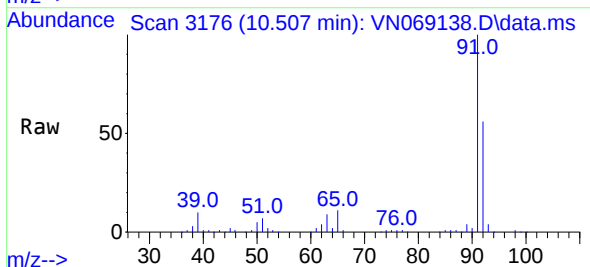
Tgt Ion:164 Resp: 6714
Ion Ratio Lower Upper
164 100
166 125.5 105.8 158.8
129 102.1 82.5 123.7
131 96.0 81.2 121.8

Manual Integrations
APPROVED

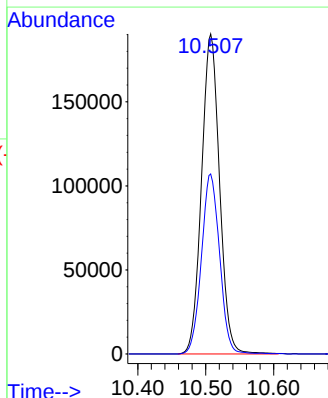
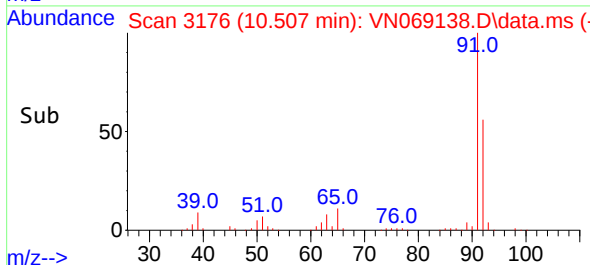
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

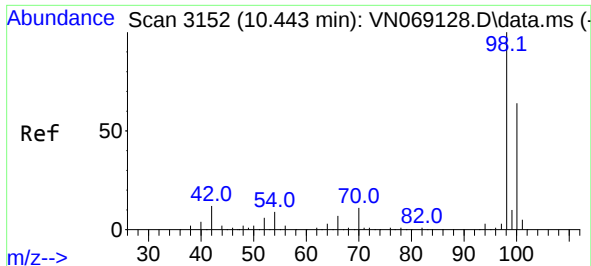


#62
Toluene
Concen: 21.413 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



Tgt Ion: 91 Resp: 351261
Ion Ratio Lower Upper
91 100
92 56.4 44.6 67.0





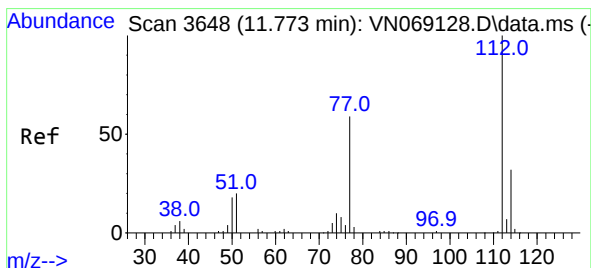
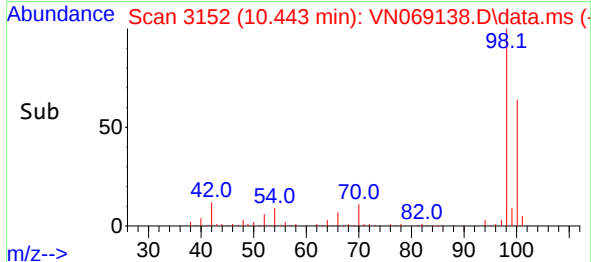
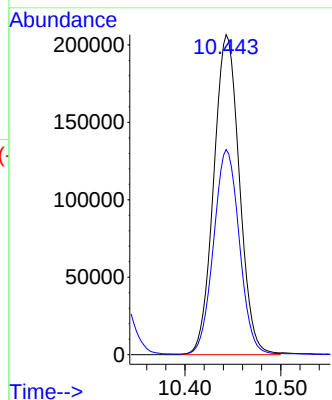
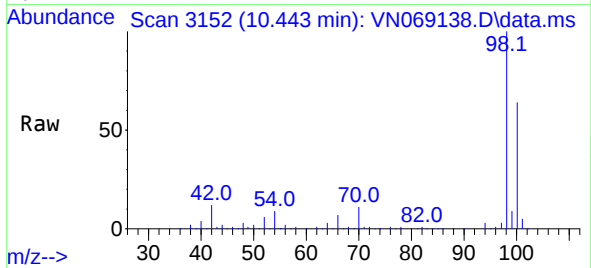
#63
Toluene-d8
Concen: 30.203 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 98 Resp: 38431
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

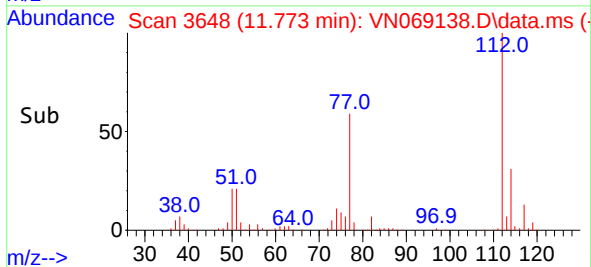
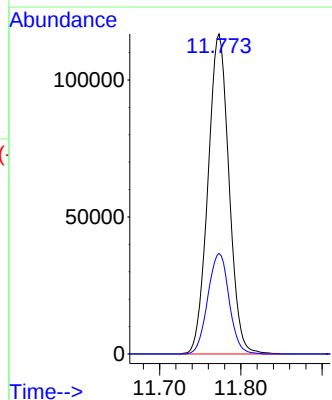
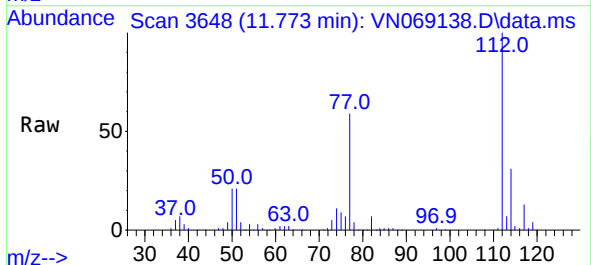
Manual Integrations
APPROVED

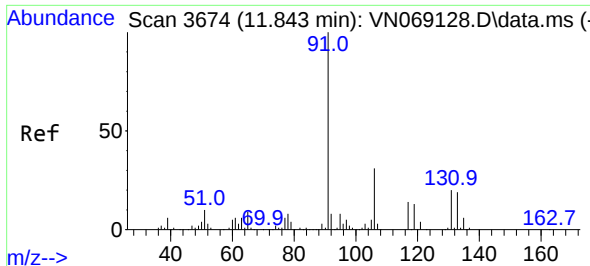
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#64
Chlorobenzene
Concen: 21.121 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion:112 Resp: 210131
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6





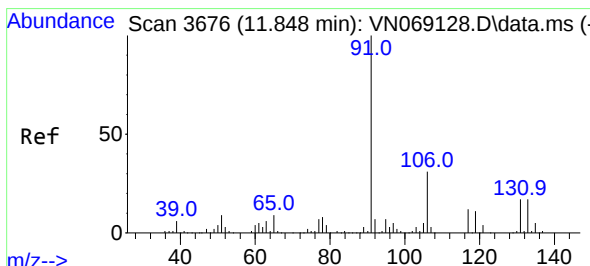
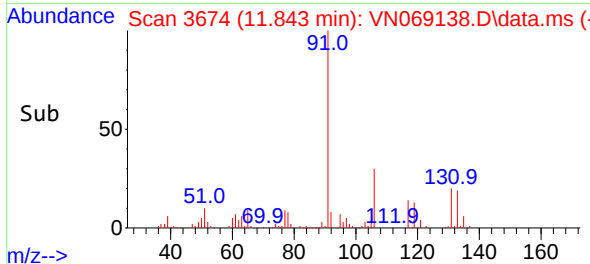
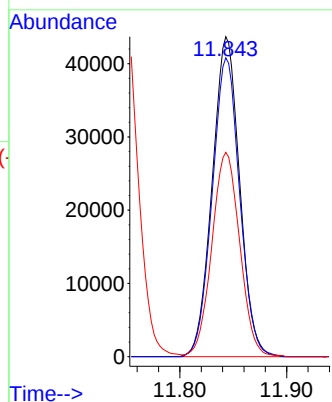
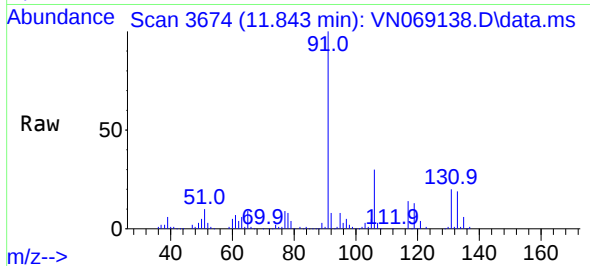
#65
1,1,1,2-Tetrachloroethane
Concen: 21.003 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion:131 Resp: 77740
Ion Ratio Lower Upper
131 100
133 94.0 0.0 191.2
119 64.2 0.0 128.8

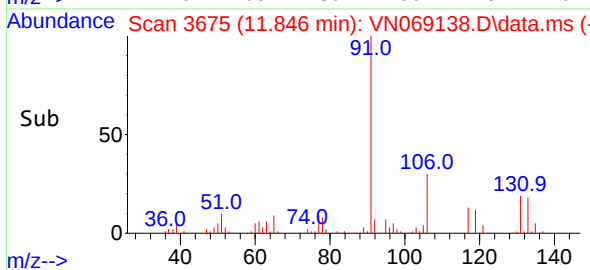
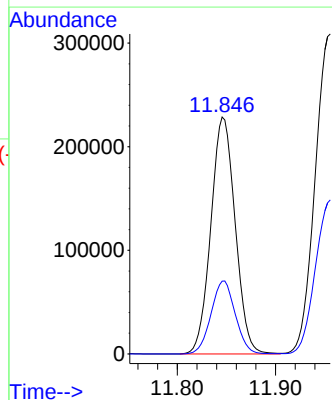
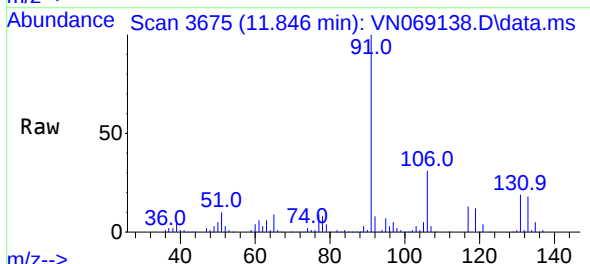
Manual Integrations
APPROVED

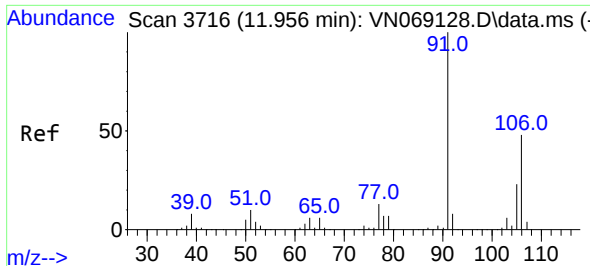
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#66
Ethyl Benzene
Concen: 21.343 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 91 Resp: 393626
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0





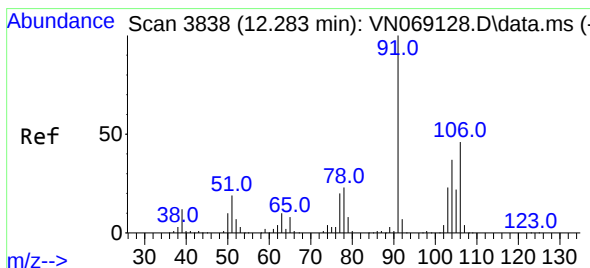
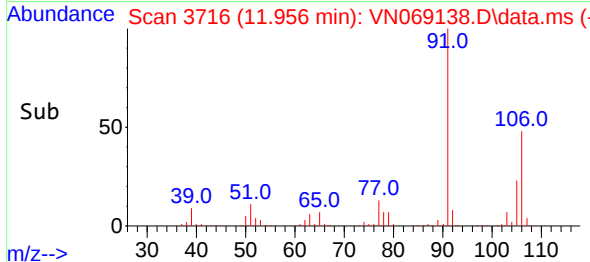
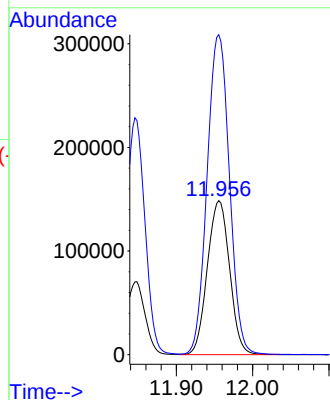
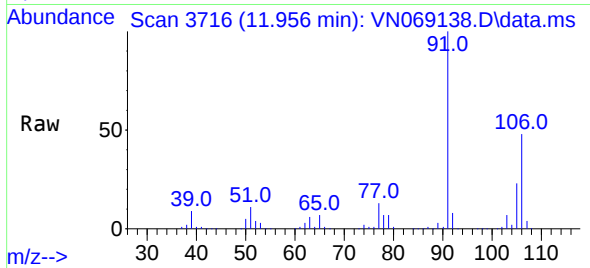
#67
m/p-Xylenes
Concen: 43.440 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion:106 Resp: 301284
Ion Ratio Lower Upper
106 100
91 208.4 162.9 244.3

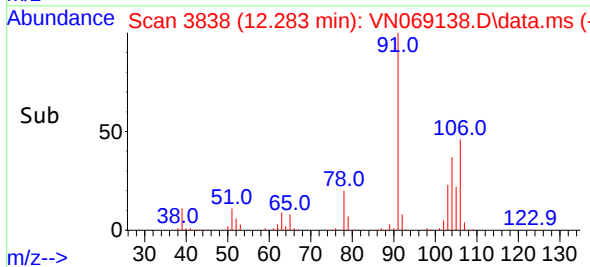
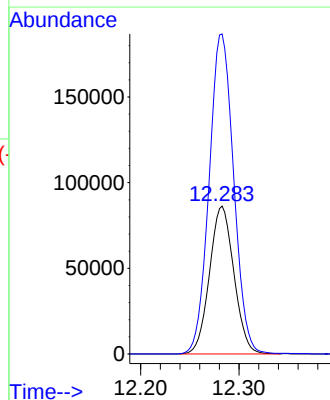
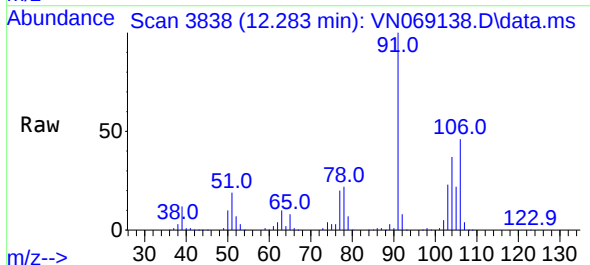
Manual Integrations
APPROVED

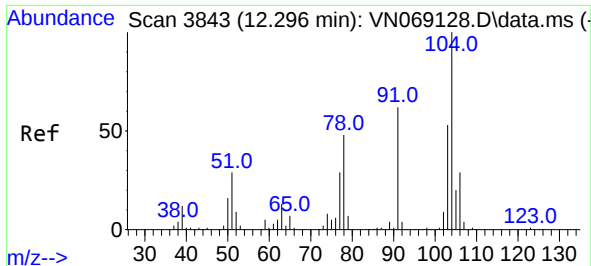
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#68
o-Xylene
Concen: 21.443 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion:106 Resp: 148913
Ion Ratio Lower Upper
106 100
91 218.5 107.7 323.1





#69

Styrene

Concen: 20.771 ug/l

RT: 12.296 min Scan# 3843

Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

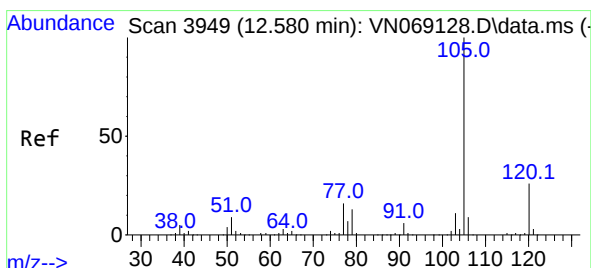
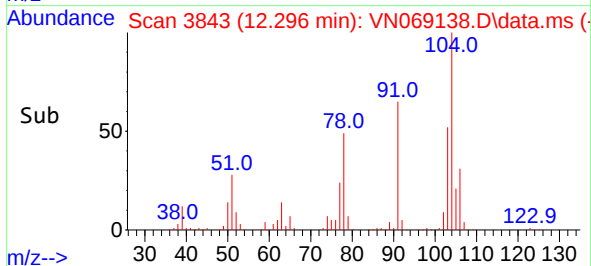
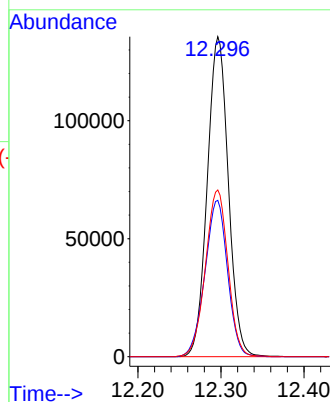
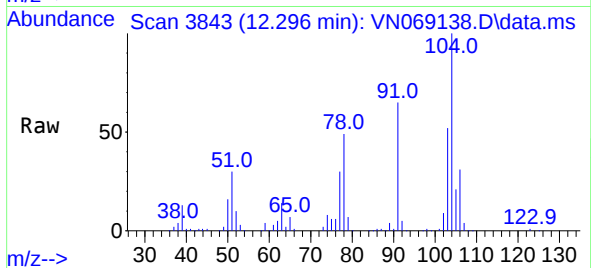
Tgt Ion:104 Resp: 23903
 Ion Ratio Lower Upper
 104 100
 78 52.4 40.7 61.1
 103 55.8 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#70

Isopropylbenzene

Concen: 21.325 ug/l

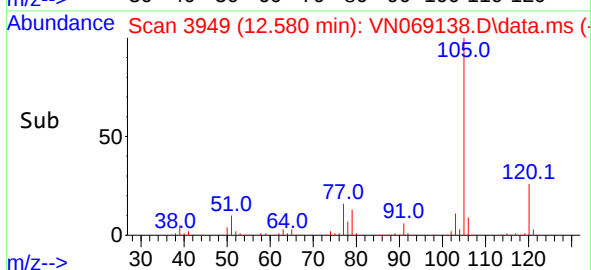
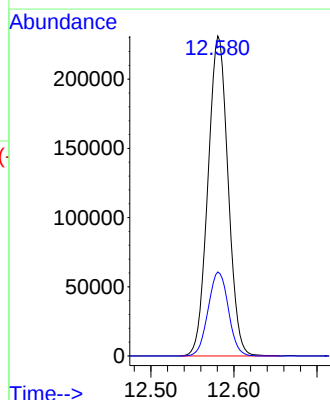
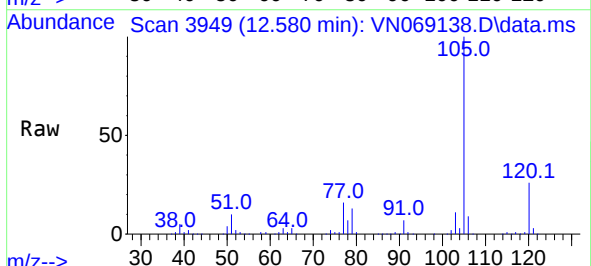
RT: 12.580 min Scan# 3949

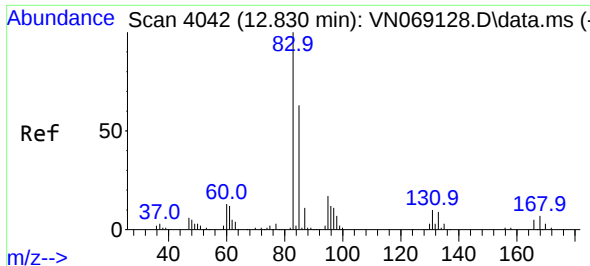
Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

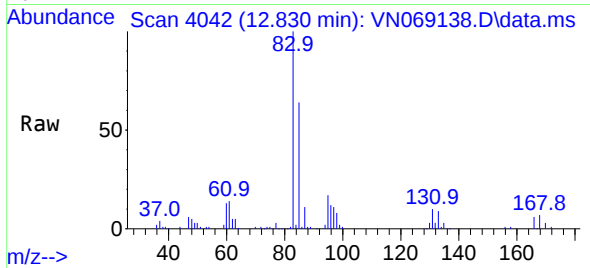
Tgt Ion:105 Resp: 388252
 Ion Ratio Lower Upper
 105 100
 120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.745 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

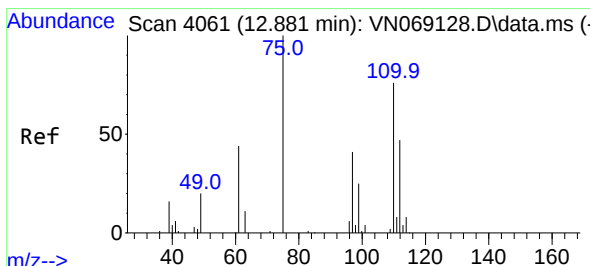
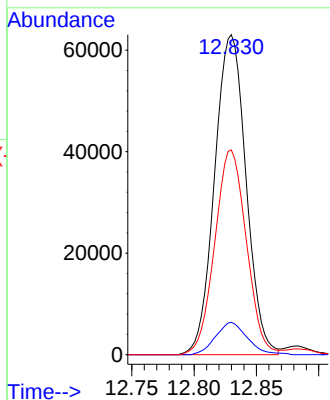
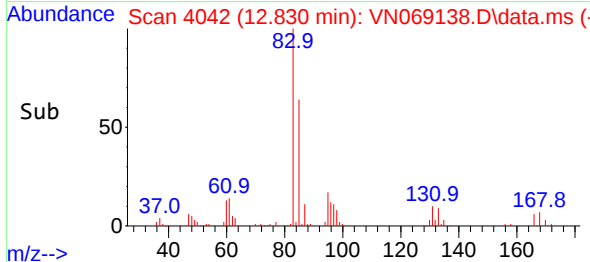
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



Tgt Ion: 83 Resp: 11070
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.3 33.1 99.2

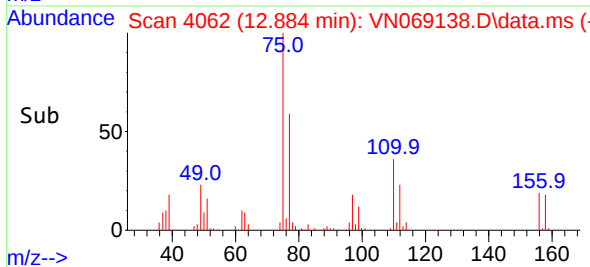
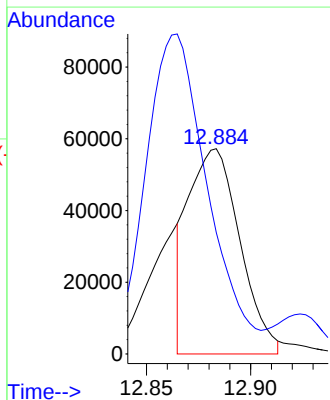
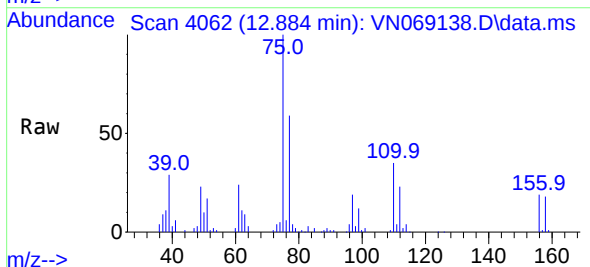
Manual Integrations
APPROVED

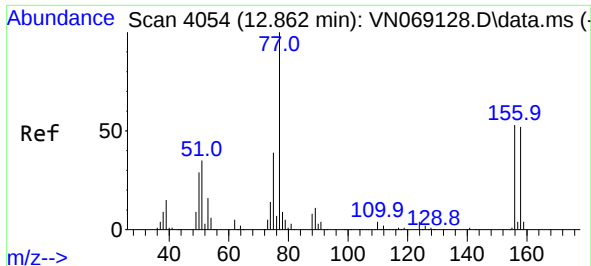
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#72
1,2,3-Trichloropropane
Concen: 21.521 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 75 Resp: 98681
Ion Ratio Lower Upper
75 100
77 187.9 0.0 378.0





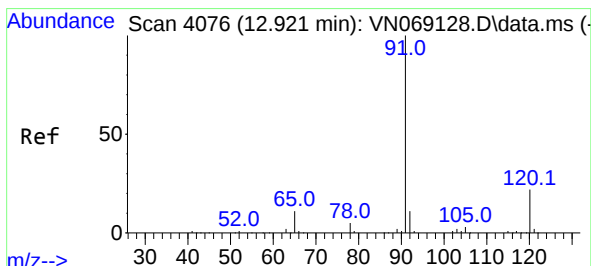
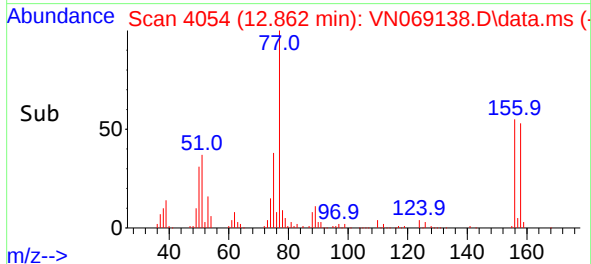
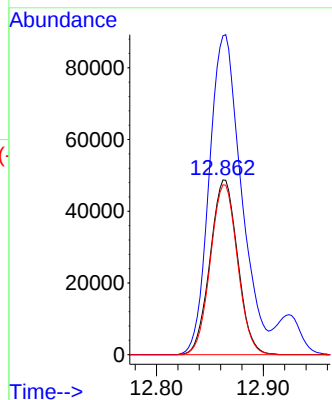
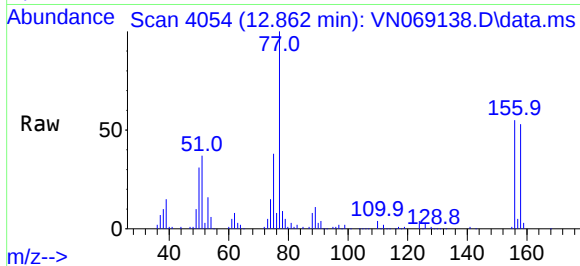
#73
Bromobenzene
Concen: 21.192 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion:156 Resp: 8745
Ion Ratio Lower Upper
156 100
77 212.0 0.0 416.0
158 95.6 0.0 195.4

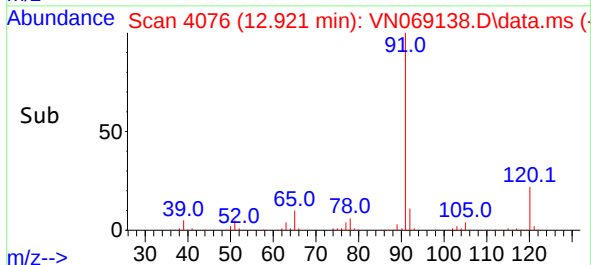
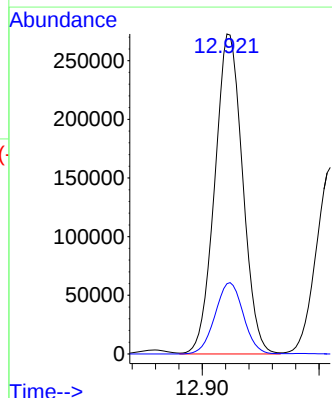
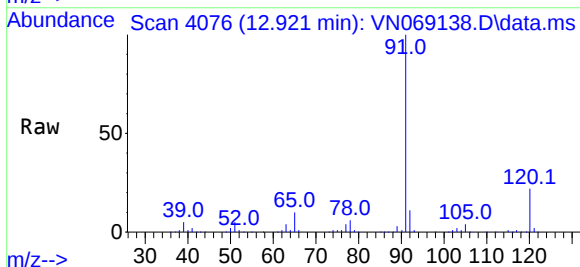
Manual Integrations
APPROVED

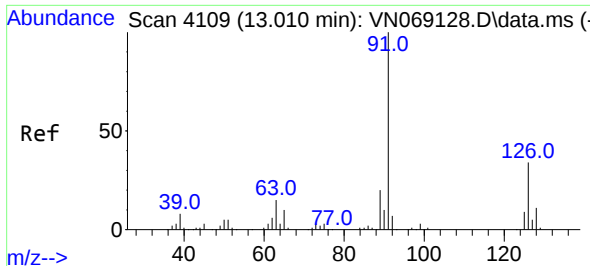
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#74
n-propylbenzene
Concen: 21.580 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 91 Resp: 451210
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0





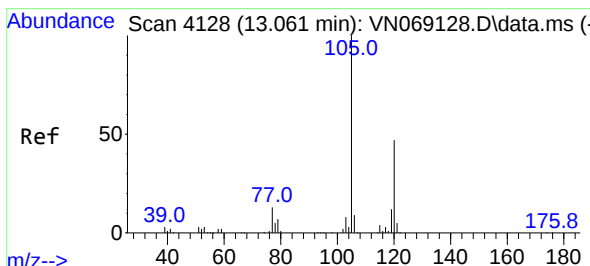
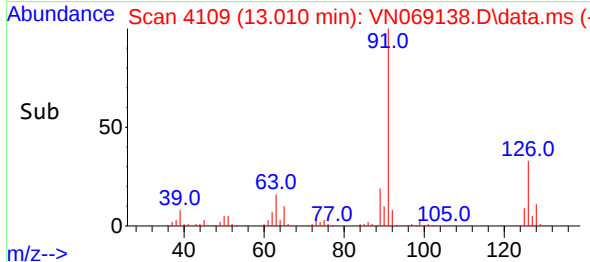
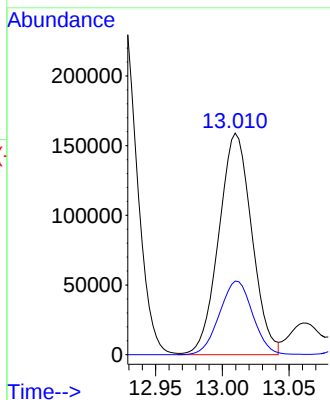
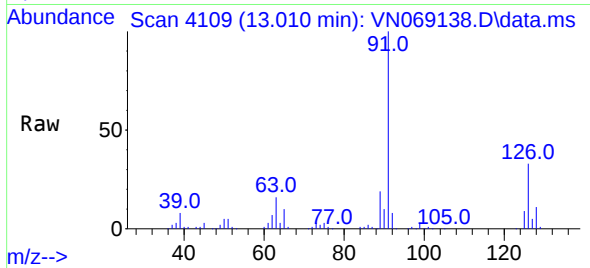
#75
2-Chlorotoluene
Concen: 21.408 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 91 Resp: 274073
Ion Ratio Lower Upper
91 100
126 33.4 0.0 69.8

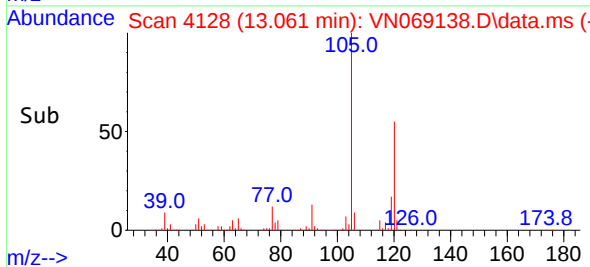
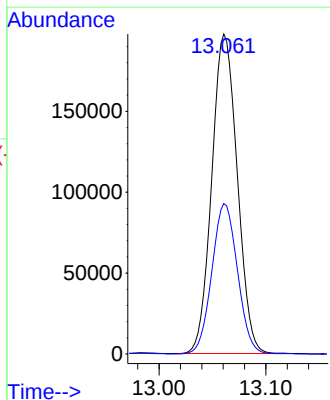
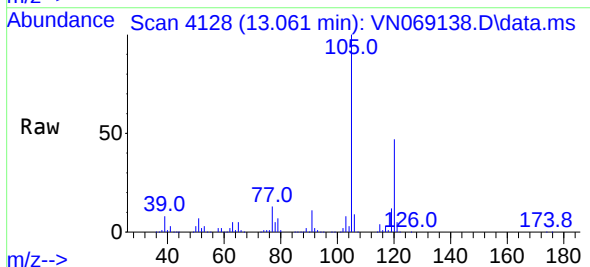
Manual Integrations
APPROVED

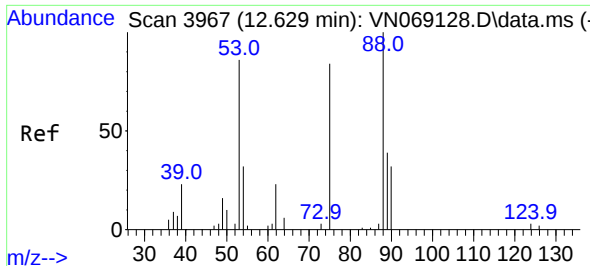
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.599 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion:105 Resp: 327753
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.8





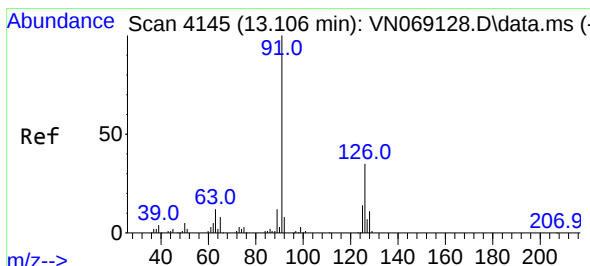
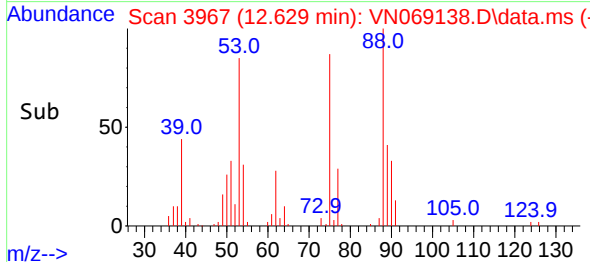
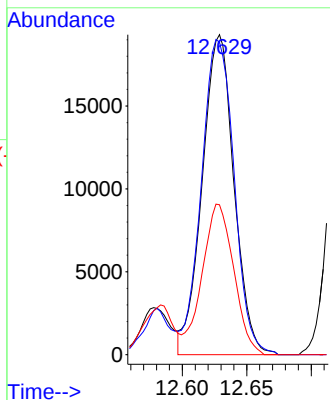
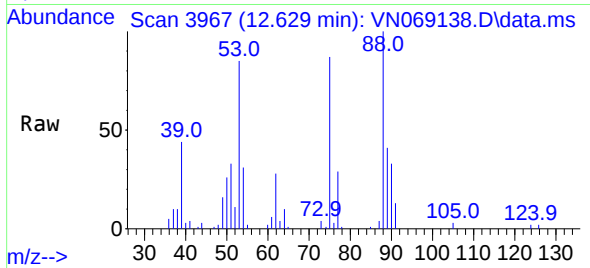
#77
t-1,4-Dichloro-2-butene
Concen: 18.445 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 75 Resp: 33070
Ion Ratio Lower Upper
75 100
53 97.6 51.8 155.5
89 46.8 22.9 68.7

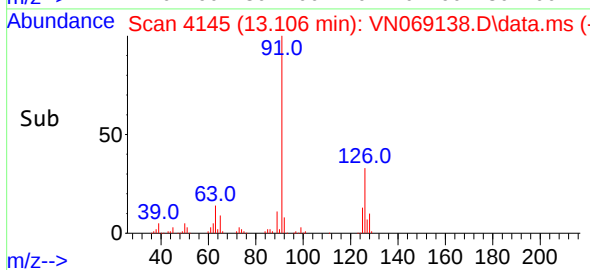
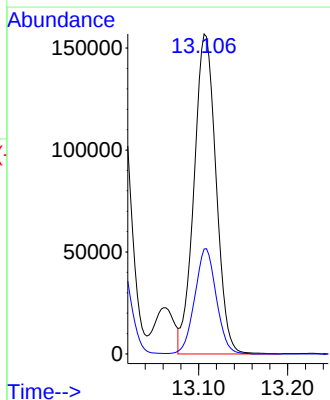
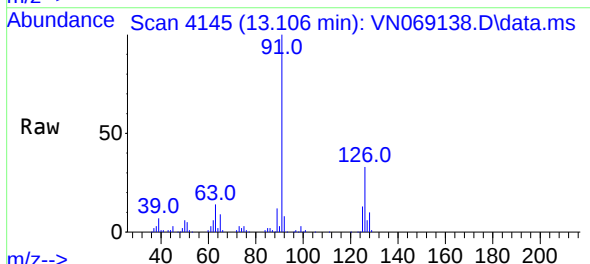
Manual Integrations
APPROVED

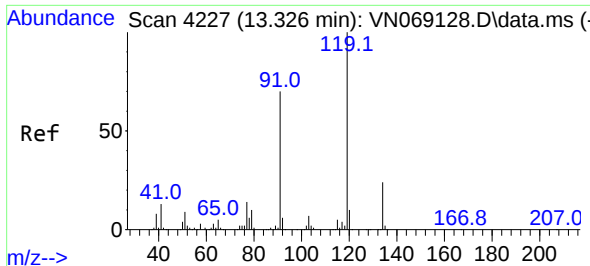
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#78
4-Chlorotoluene
Concen: 21.454 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion: 91 Resp: 269189
Ion Ratio Lower Upper
91 100
126 32.3 0.0 70.6





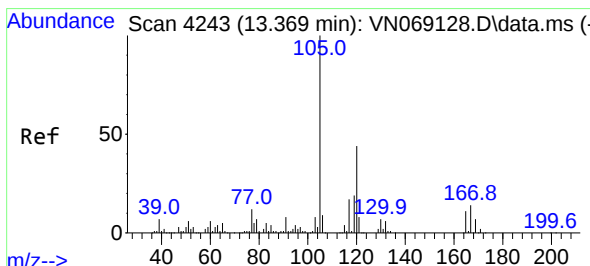
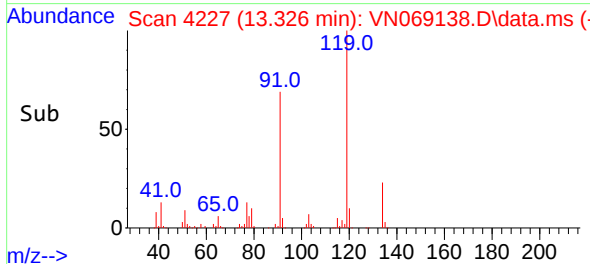
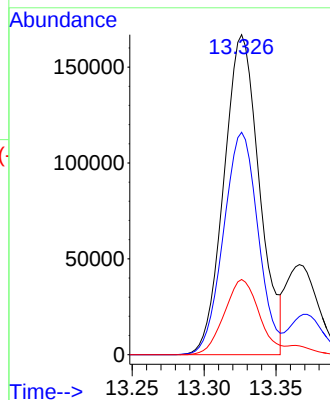
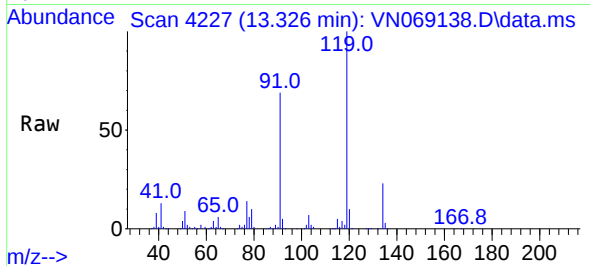
#79
tert-butylbenzene
Concen: 21.531 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion:119 Resp: 286870
Ion Ratio Lower Upper
119 100
91 67.9 0.0 137.0
134 23.3 0.0 47.6

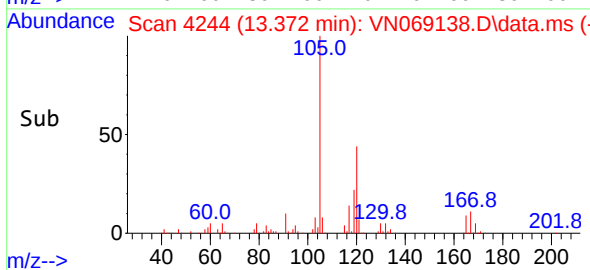
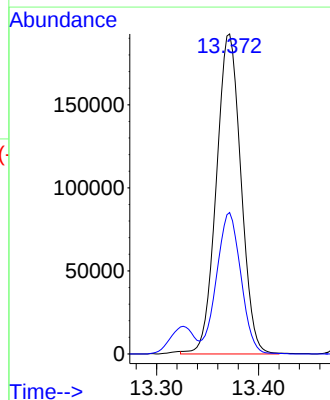
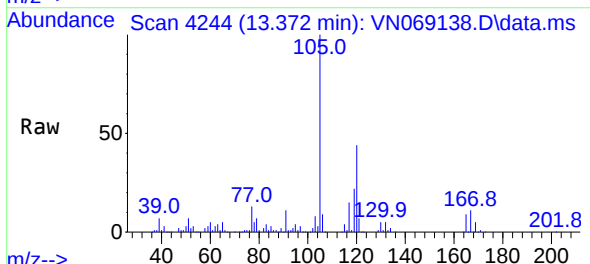
Manual Integrations
APPROVED

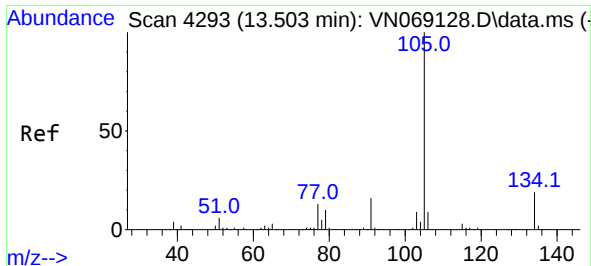
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#80
1,2,4-Trimethylbenzene
Concen: 21.638 ug/l m
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

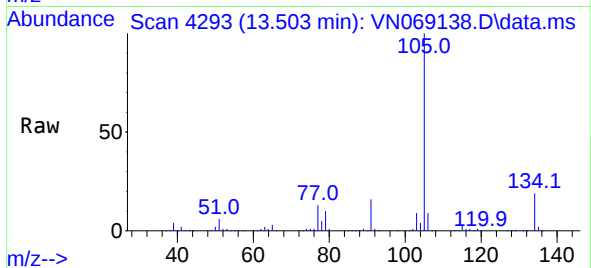
Tgt Ion:105 Resp: 322317
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 21.420 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN069138.D
 Acq: 22 Oct 2021 16:43

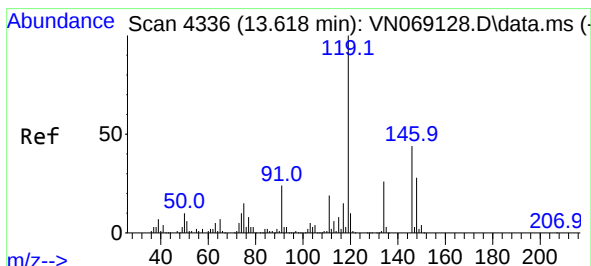
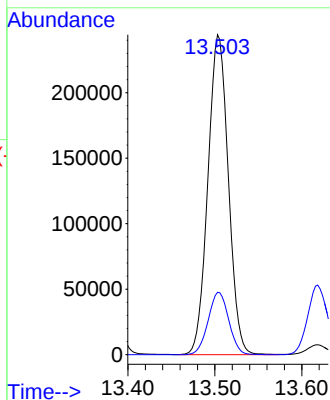
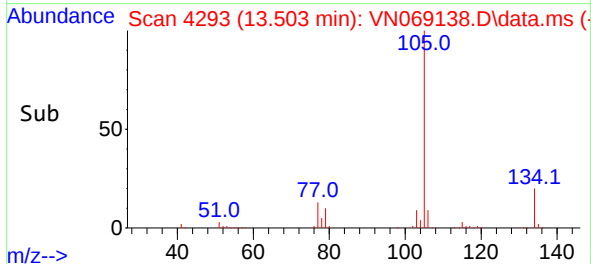
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02



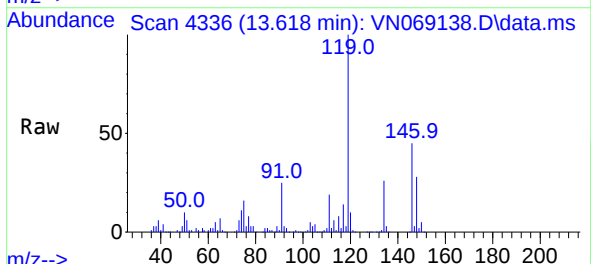
Tgt Ion:105 Resp: 39952
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

Manual Integrations
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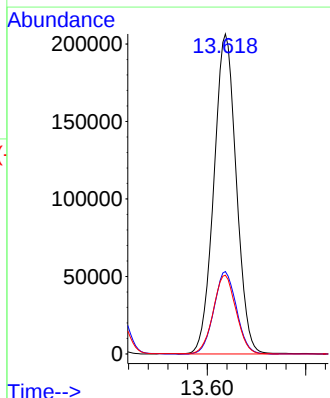
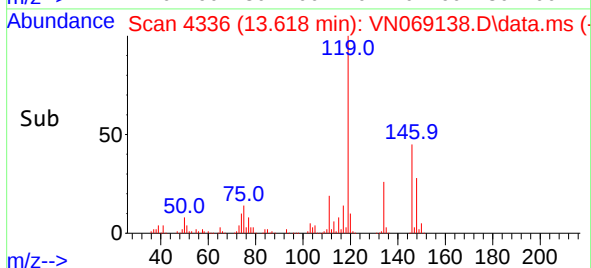
Reviewed By :John Carlone 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

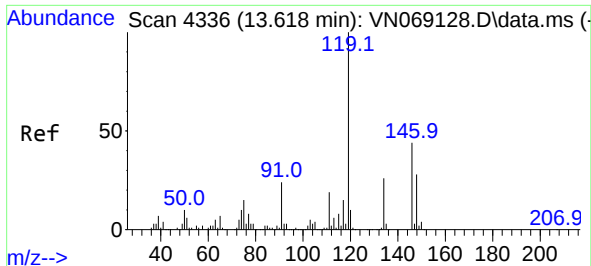


#82
 p-Isopropyltoluene
 Concen: 21.491 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN069138.D
 Acq: 22 Oct 2021 16:43



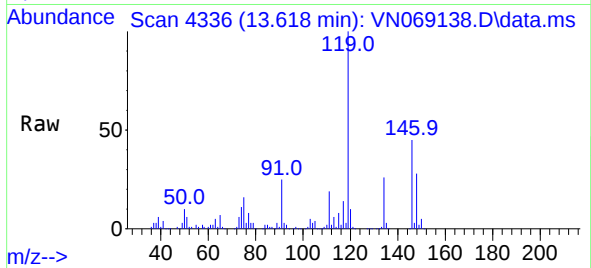
Tgt Ion:119 Resp: 326955
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 25.1 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 21.673 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

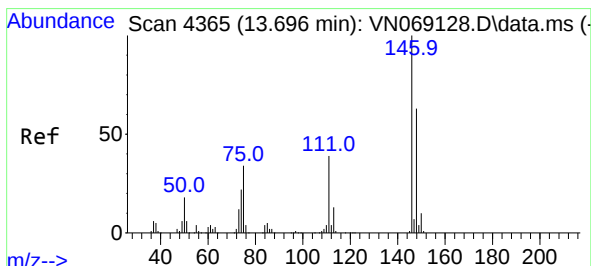
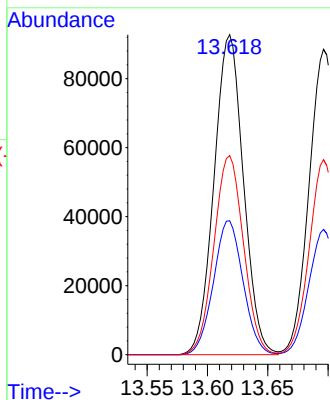
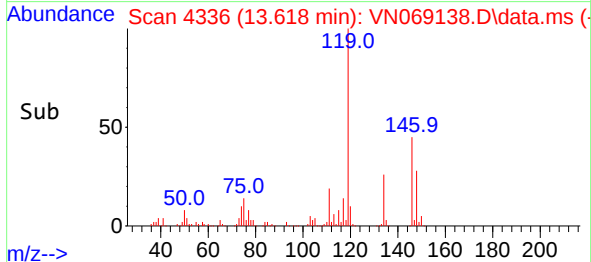
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



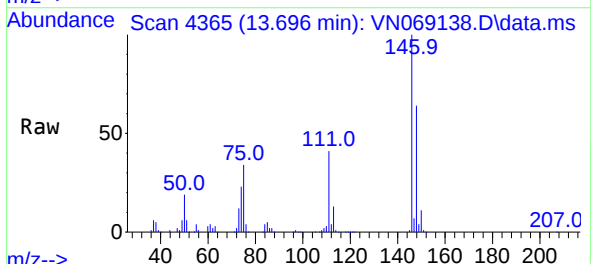
Tgt Ion:146 Resp: 157462
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.2
148 62.7 31.4 94.3

Manual Integrations
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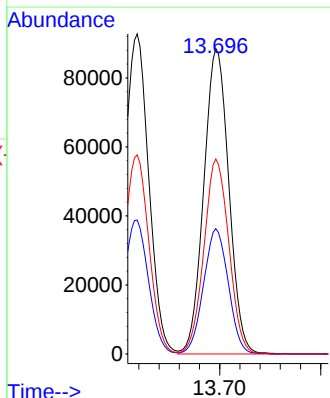
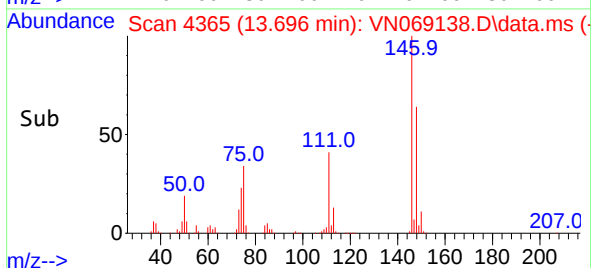
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

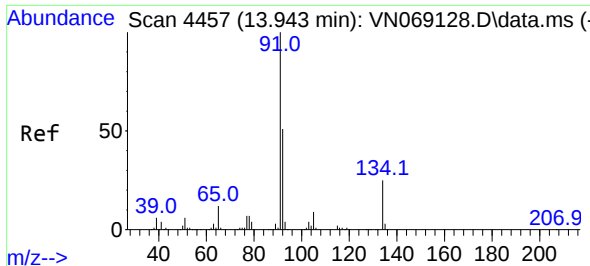


#84
1,4-Dichlorobenzene
Concen: 21.576 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



Tgt Ion:146 Resp: 152643
Ion Ratio Lower Upper
146 100
111 40.2 19.5 58.5
148 63.6 31.1 93.5





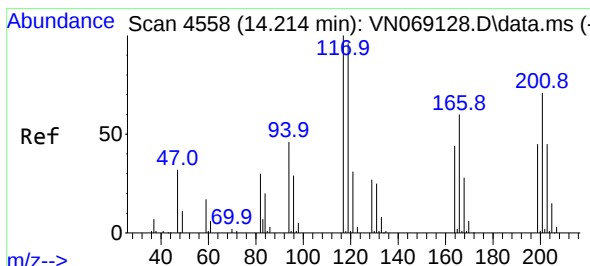
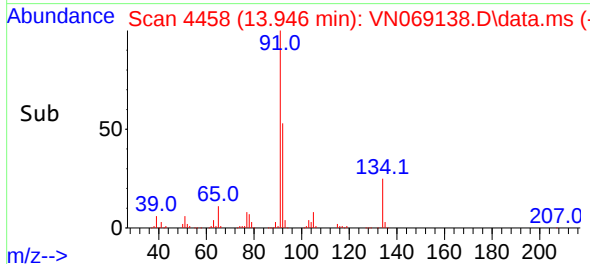
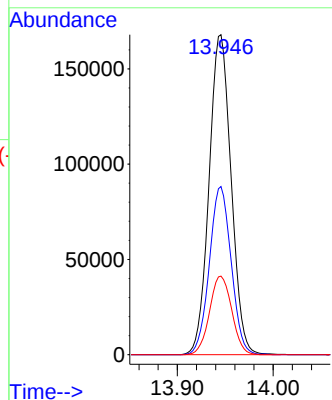
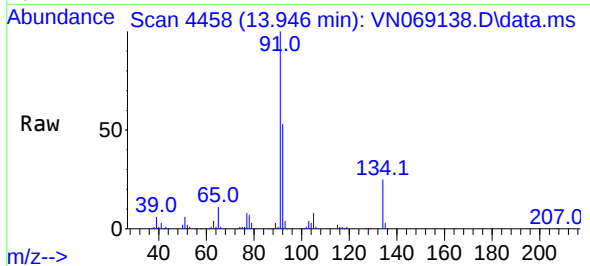
#85
n-Butylbenzene
Concen: 21.102 ug/l
RT: 13.946 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tgt Ion: 91 Resp: 26849
Ion Ratio Lower Upper
91 100
92 51.9 0.0 100.6
134 24.7 0.0 50.2

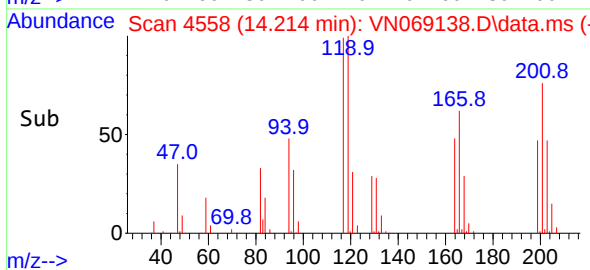
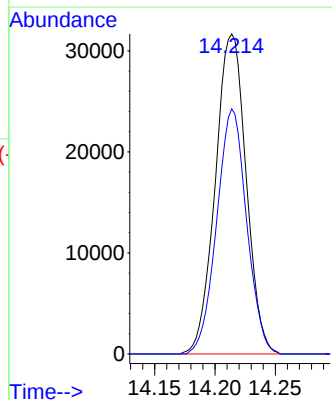
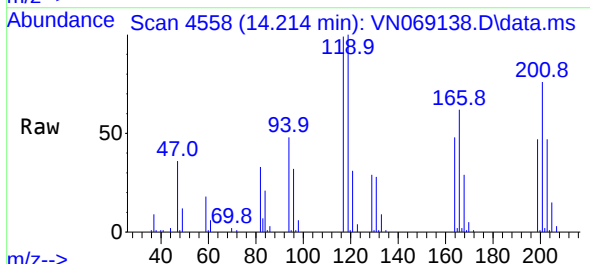
Manual Integrations
APPROVED

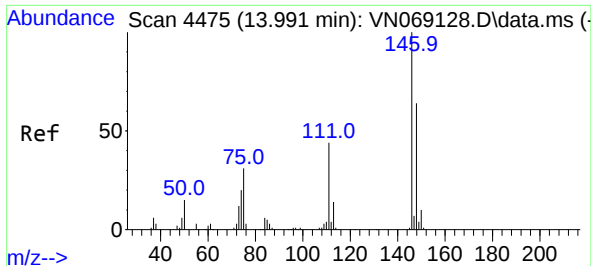
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#86
Hexachloroethane
Concen: 19.766 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

Tgt Ion:117 Resp: 56307
Ion Ratio Lower Upper
117 100
201 74.3 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 21.685 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

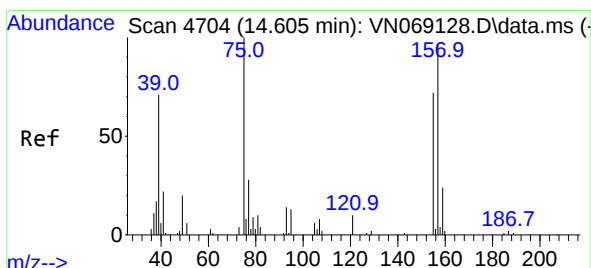
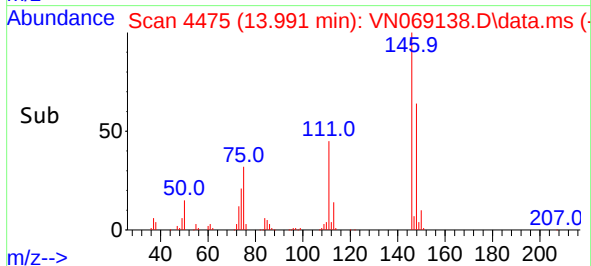
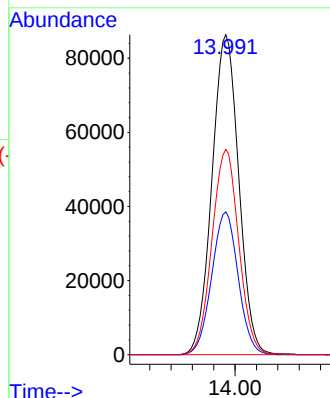
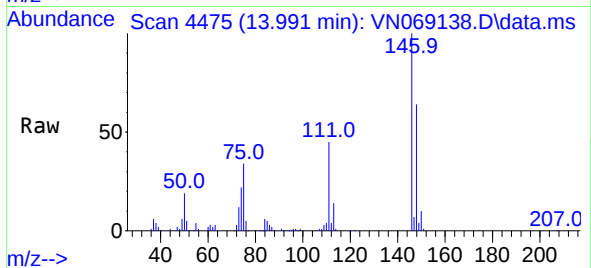
Tgt Ion:	146	Resp:	15053
Ion Ratio	Lower	Upper	
146	100		
111	44.1	21.4	64.2
148	64.2	32.5	97.4

Manual Integrations

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Reviewed By :John Carlone 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.861 ug/l

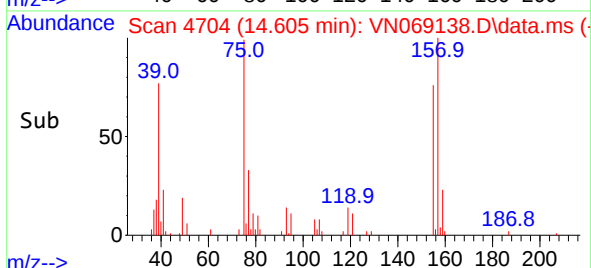
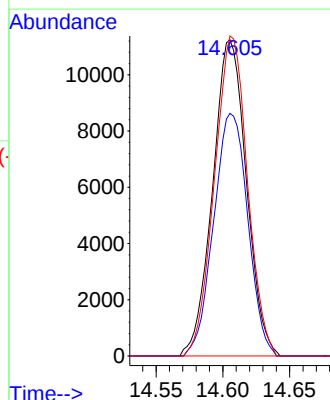
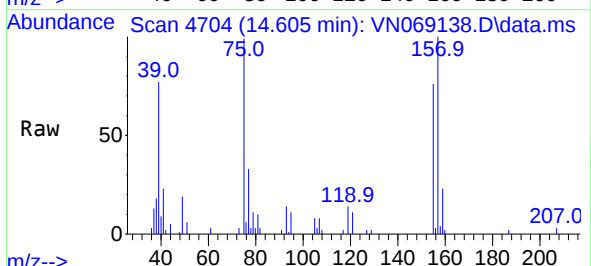
RT: 14.605 min Scan# 4704

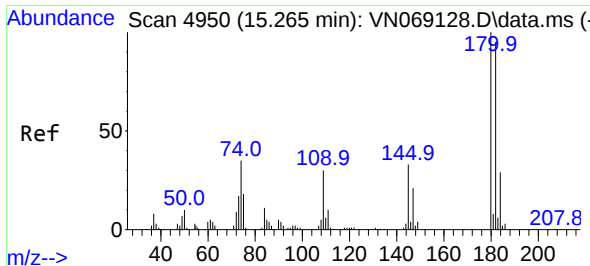
Delta R.T. -0.000 min

Lab File: VN069138.D

Acq: 22 Oct 2021 16:43

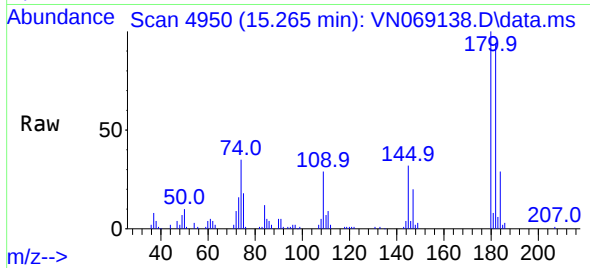
Tgt Ion:	75	Resp:	19741
Ion Ratio	Lower	Upper	
75	100		
155	77.6	63.8	95.8
157	99.0	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 20.120 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

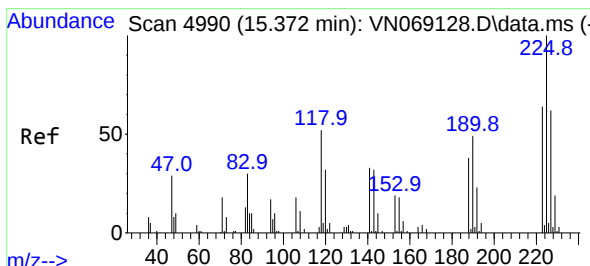
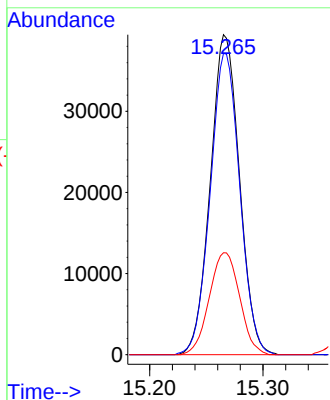
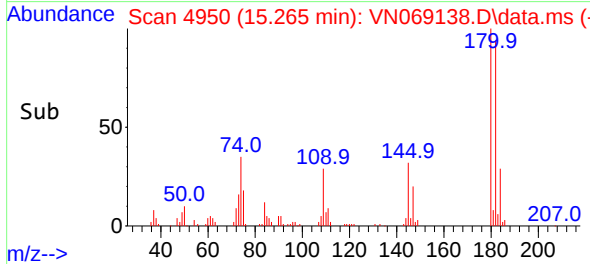
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



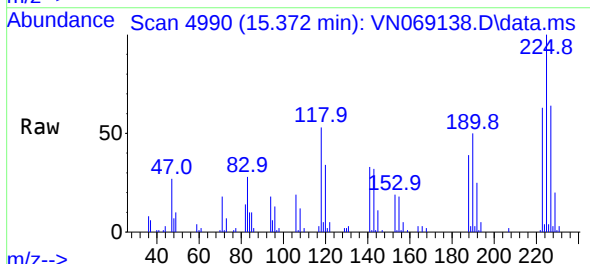
Tgt Ion:180 Resp: 7042
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 33.2 26.6 39.8

Manual Integrations
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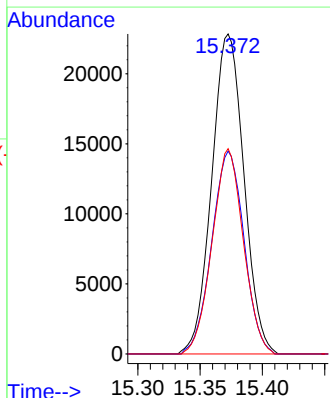
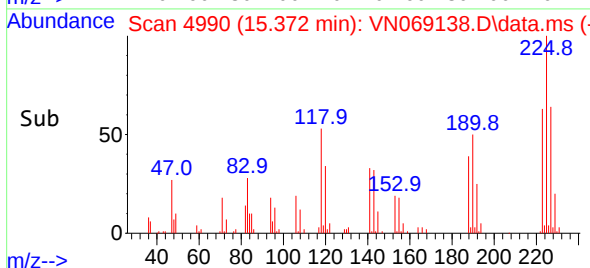
Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

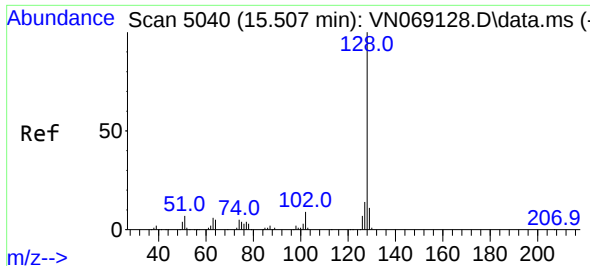


#90
Hexachlorobutadiene
Concen: 22.441 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



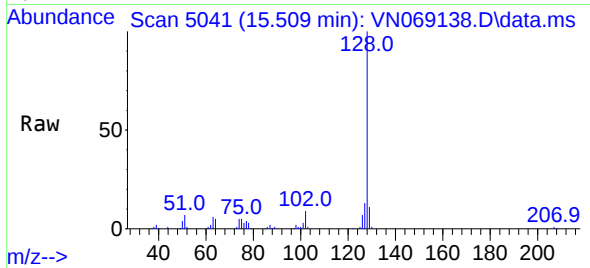
Tgt Ion:225 Resp: 41065
Ion Ratio Lower Upper
225 100
223 63.5 0.0 126.8
227 62.3 0.0 123.0





#91
Naphthalene
Concen: 19.209 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43

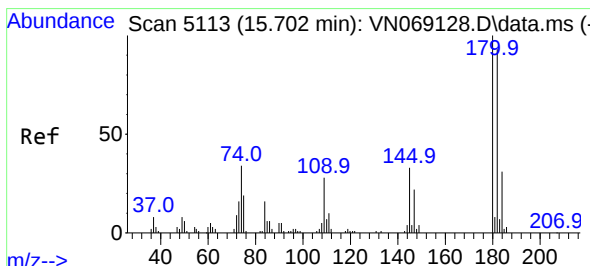
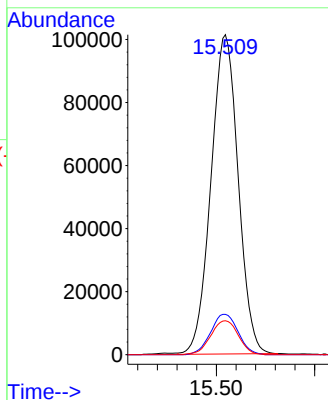
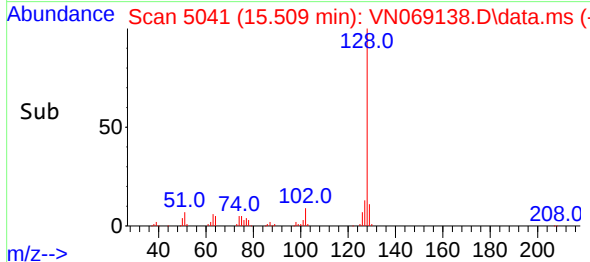
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02



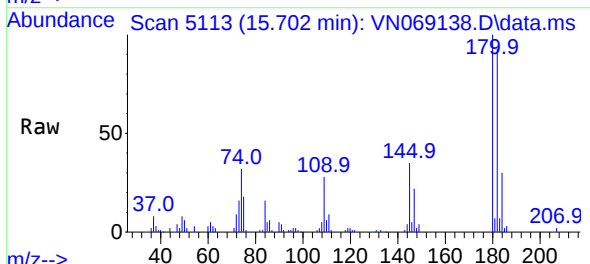
Tgt Ion:128 Resp: 194470
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#92
1,2,3-Trichlorobenzene
Concen: 20.805 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN069138.D
Acq: 22 Oct 2021 16:43



Tgt Ion:180 Resp: 69593
Ion Ratio Lower Upper
180 100
182 96.2 0.0 190.0
145 34.8 0.0 67.8

