

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076367.D
 Acq On : 23 Jan 2023 15:25
 Operator : JC\MD
 Sample : 01233-11DL 10X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P38CDL

Quant Time: Jan 23 15:45:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	384506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	612820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	549267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209241	48.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.200%		
35) Dibromofluoromethane	8.171	113	179587	46.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	10.571	98	741982	52.410	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.820%		
62) 4-Bromofluorobenzene	12.853	95	259802	56.213	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.936	94	1098	0.268	ug/l #	64
11) Tert butyl alcohol	5.489	59	132	0.229	ug/l #	72
13) Acrolein	4.200	56	258	0.375	ug/l #	15
15) Acrylonitrile	5.742	53	390	0.238	ug/l #	39
16) Acetone	4.453	43	560	0.332	ug/l #	41
20) Methylene Chloride	5.300	84	917	Below Cal	#	83
25) 2-Butanone	7.518	43	1253	0.594	ug/l #	40
31) Cyclohexane	8.224	56	36183	5.471	ug/l #	59
36) 1,1-Dichloropropene	8.230	75	28773	5.282	ug/l #	49
38) Carbon Tetrachloride	8.230	117	38341	6.312	ug/l #	17
39) Methylcyclohexane	9.606	83	194397	29.224	ug/l	96
43) Isopropyl Acetate	8.706	43	8188	1.152	ug/l #	51
45) 1,2-Dichloropropane	9.606	63	2472	0.634	ug/l #	1
47) Bromodichloromethane	9.871	83	9299	1.628	ug/l #	35
48) Methyl methacrylate	9.600	41	110213	32.753	ug/l #	63
51) 4-Methyl-2-Pentanone	10.571	43	15858	3.801	ug/l	90
55) 1,1,2-Trichloroethane	11.006	97	71487	17.170	ug/l #	23
56) Ethyl methacrylate	10.871	69	13979	2.601	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	470	0.259	ug/l #	42
59) 2-Hexanone	11.176	43	119952	39.671	ug/l #	26
67) Ethyl Benzene	11.965	91	17110	0.861	ug/l #	87
68) m/p-Xylenes	12.071	106	19120	2.400	ug/l	90
69) o-Xylene	12.400	106	3237	0.414	ug/l	96
71) Bromoform	12.853	173	1528	0.490	ug/l #	1
73) Isopropylbenzene	12.700	105	35914	1.818	ug/l	96
74) N-amyl acetate	12.482	43	110144	19.378	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.935	83	4706	0.828	ug/l #	80
76) 1,2,3-Trichloropropane	12.853	75	130635	27.650	ug/l #	1
77) Bromobenzene	12.970	156	808	Below Cal	#	34
78) n-propylbenzene	13.035	91	88789	3.982	ug/l	99
79) 2-Chlorotoluene	13.129	91	8921	0.652	ug/l #	58
80) 1,3,5-Trimethylbenzene	13.176	105	73992	4.470	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	130635	85.094	ug/l #	11
82) 4-Chlorotoluene	13.129	91	8921	0.652	ug/l #	58
83) tert-Butylbenzene	13.447	119	3989	0.271	ug/l #	30
84) 1,2,4-Trimethylbenzene	13.482	105	154523	9.309	ug/l	99

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

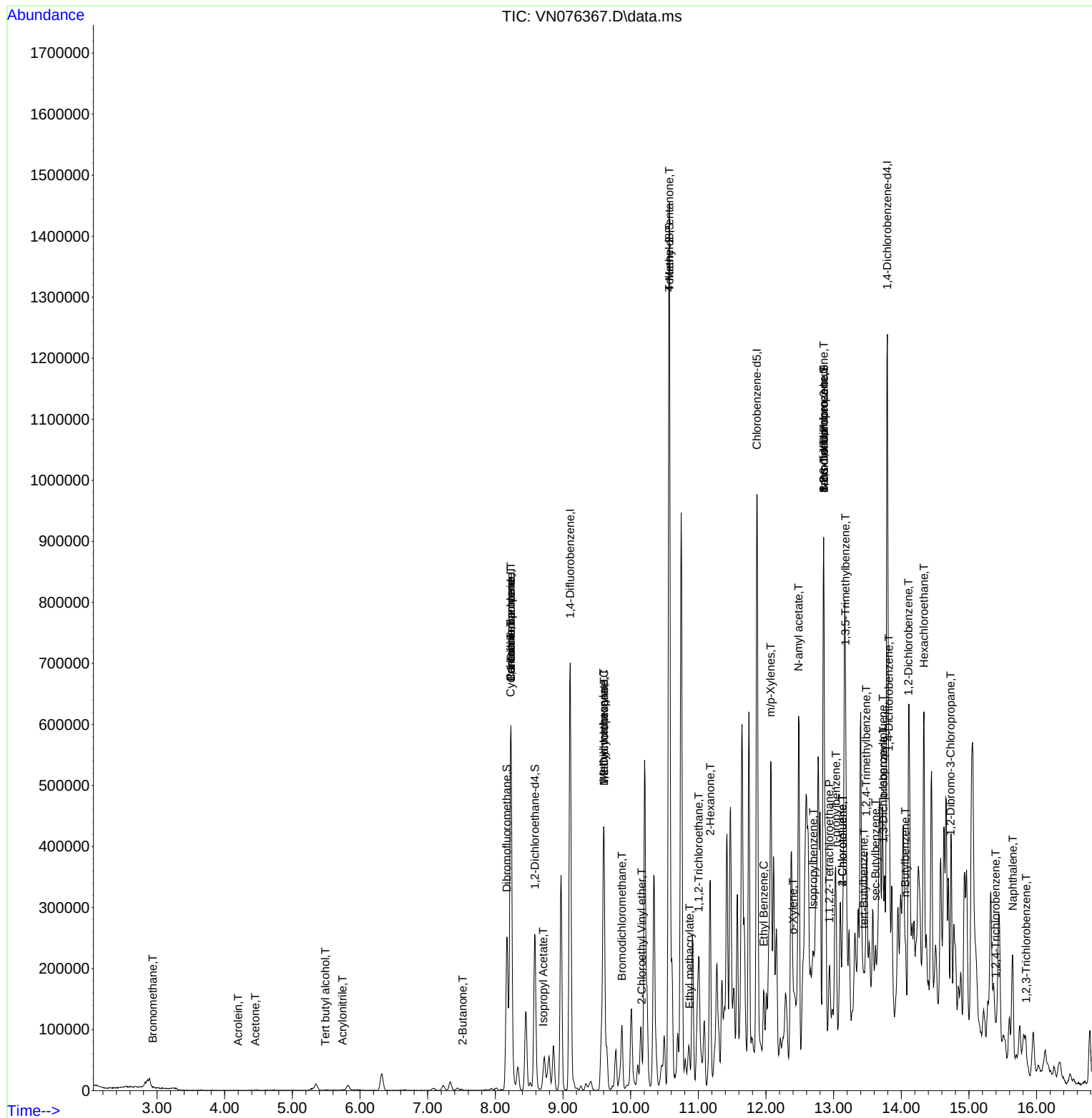
85) sec-Butylbenzene	13.617	105	32833	1.607	ug/l #	63
86) p-Isopropyltoluene	13.729	119	52671	3.135	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	2148	0.231	ug/l #	1
88) 1,4-Dichlorobenzene	13.817	146	2886	0.426	ug/l #	1
89) n-Butylbenzene	14.059	91	104829	7.860	ug/l #	63
90) Hexachloroethane	14.335	117	22766	7.852	ug/l #	12
91) 1,2-Dichlorobenzene	14.106	146	1906	0.205	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.729	75	872	0.883	ug/l #	2
93) 1,2,4-Trichlorobenzene	15.394	180	3279	2.018	ug/l #	1
95) Naphthalene	15.647	128	170073	14.183	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	3539	1.963	ug/l #	1

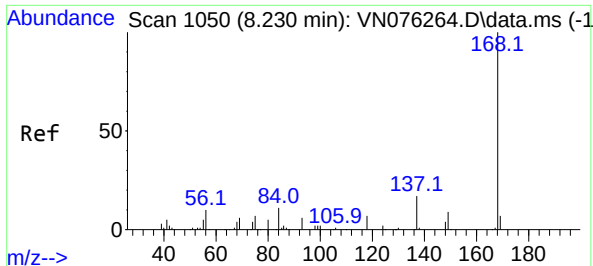
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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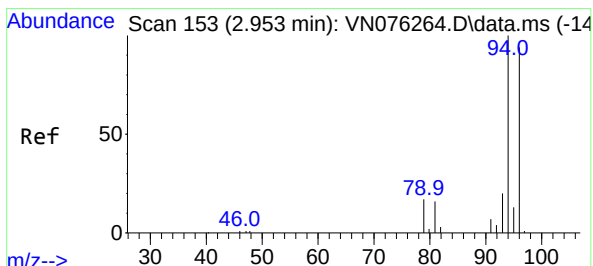
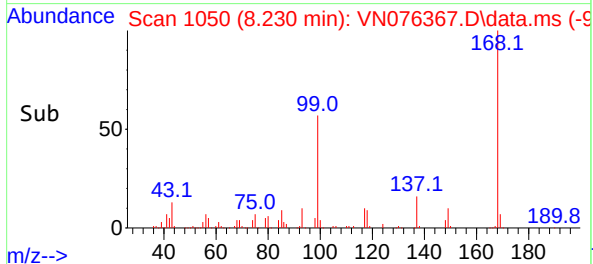
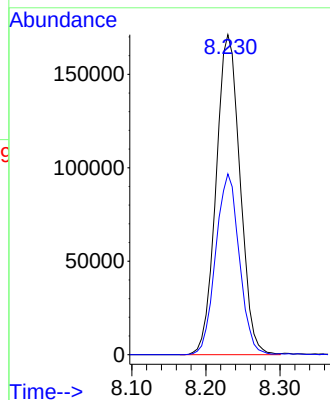
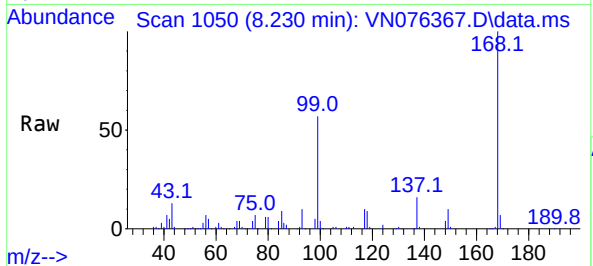
B-P38CDL

Tgt Ion:168 Resp: 384506

Ion Ratio Lower Upper

168 100

99 56.5 41.6 62.4



#5

Bromomethane

Concen: 0.268 ug/l

RT: 2.936 min Scan# 150

Delta R.T. -0.017 min

Lab File: VN076367.D

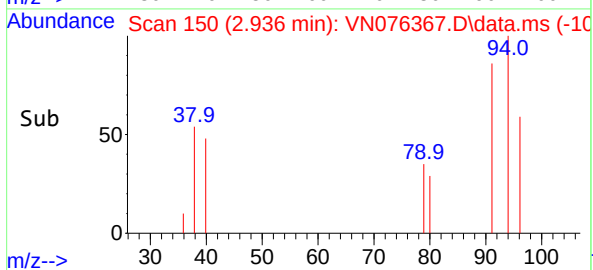
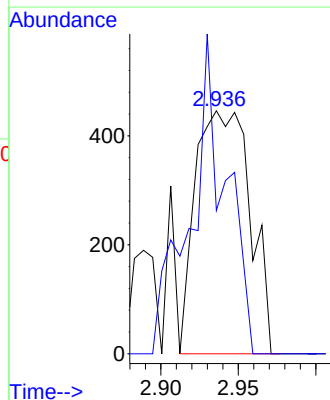
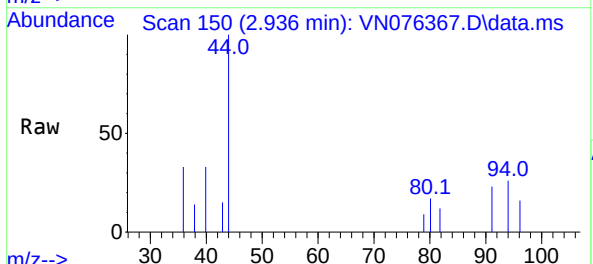
Acq: 23 Jan 2023 15:25

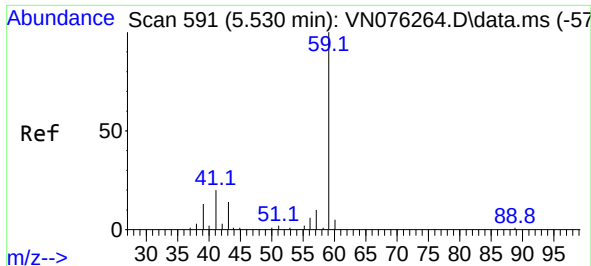
Tgt Ion: 94 Resp: 1098

Ion Ratio Lower Upper

94 100

96 59.0 75.1 112.7#





#11

Tert butyl alcohol

Concen: 0.229 ug/l

RT: 5.489 min Scan# 59

Delta R.T. -0.041 min

Lab File: VN076367.D

Acq: 23 Jan 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

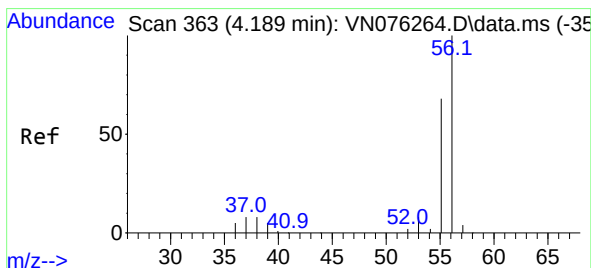
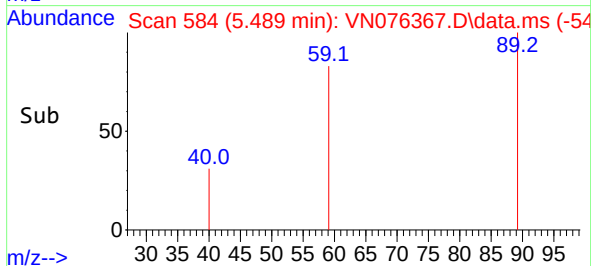
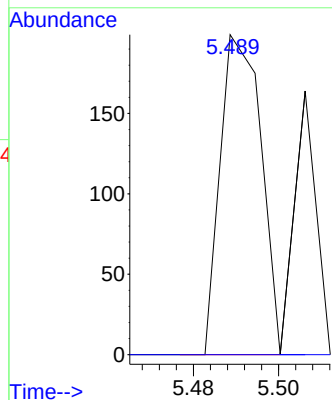
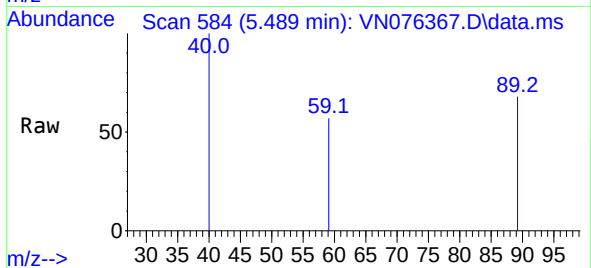
B-P38CDL

Tgt Ion: 59 Resp: 132

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.375 ug/l

RT: 4.200 min Scan# 365

Delta R.T. 0.011 min

Lab File: VN076367.D

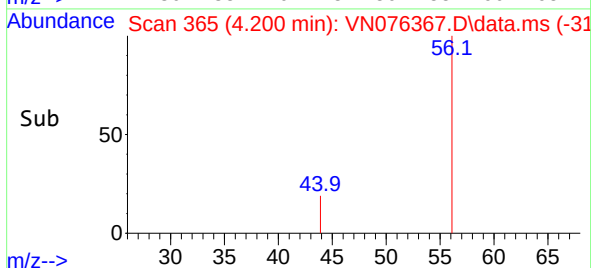
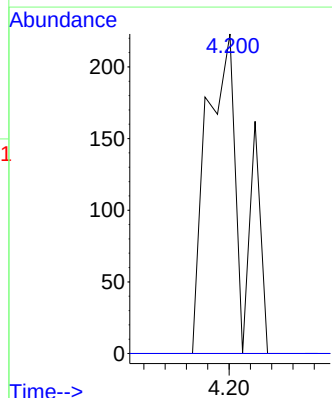
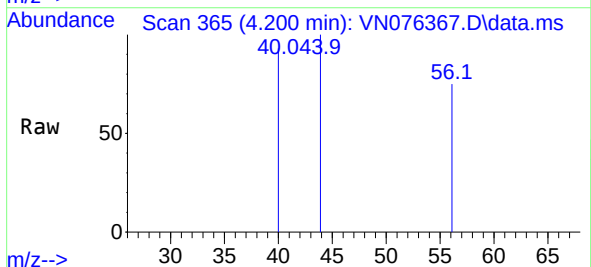
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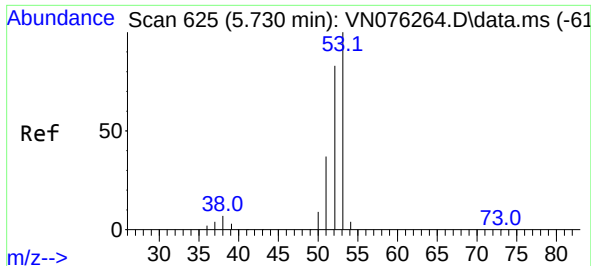
Tgt Ion: 56 Resp: 258

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#

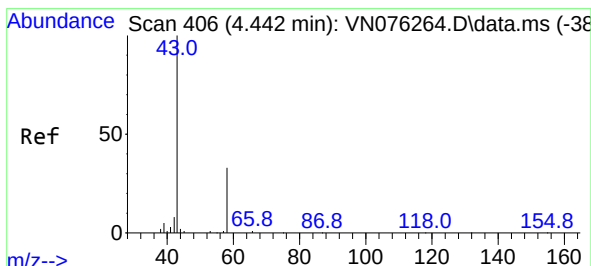
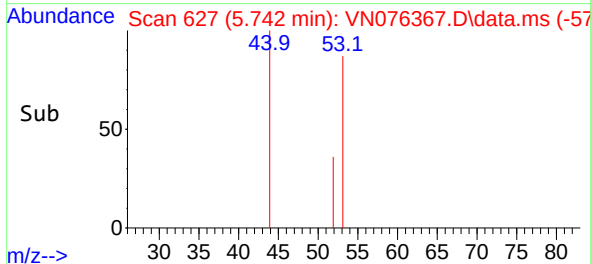
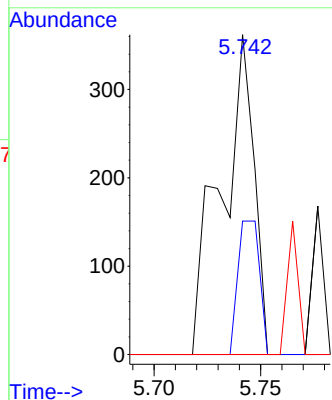
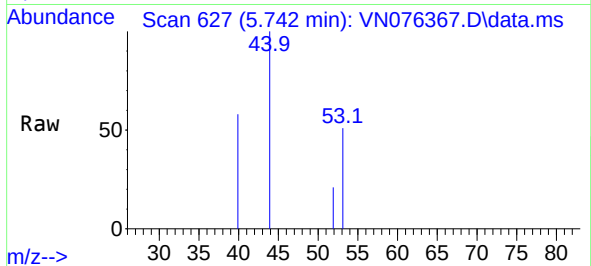




#15
Acrylonitrile
Concen: 0.238 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

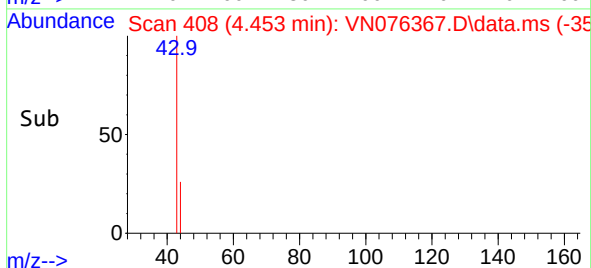
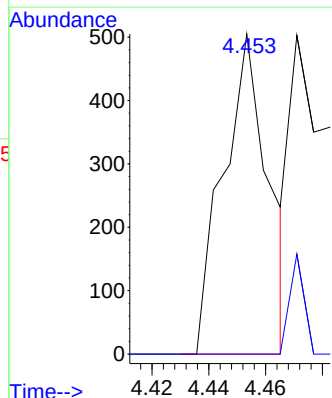
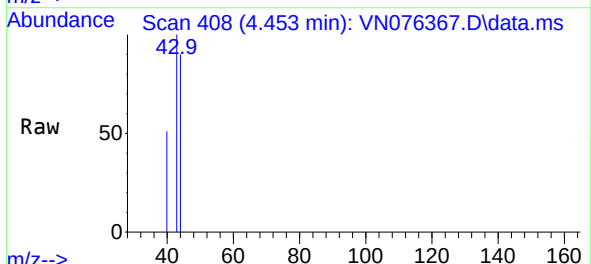
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B-P38CDL

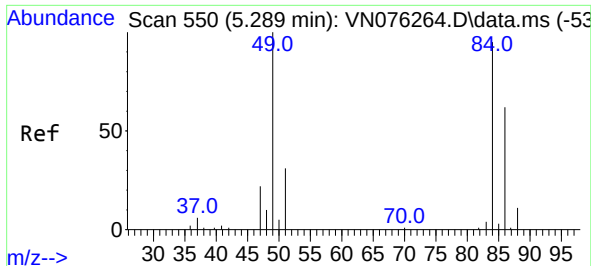
Tgt Ion: 53 Resp: 390
Ion Ratio Lower Upper
53 100
52 27.4 64.7 97.1#
51 0.0 29.2 43.8#



#16
Acetone
Concen: 0.332 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

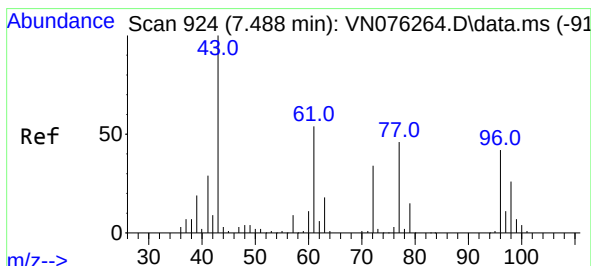
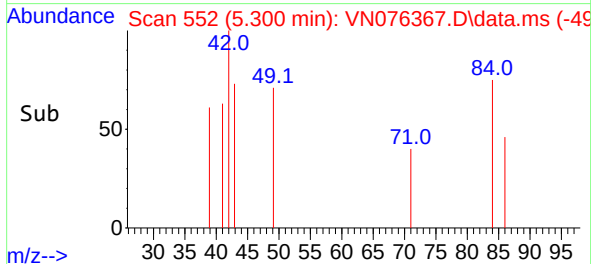
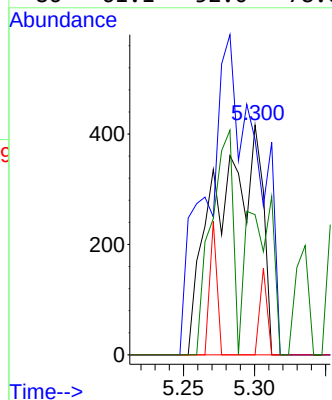
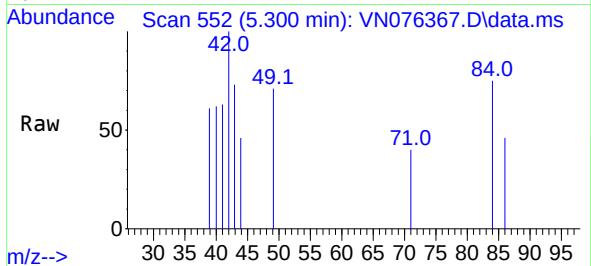




#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 511
Delta R.T. 0.011 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

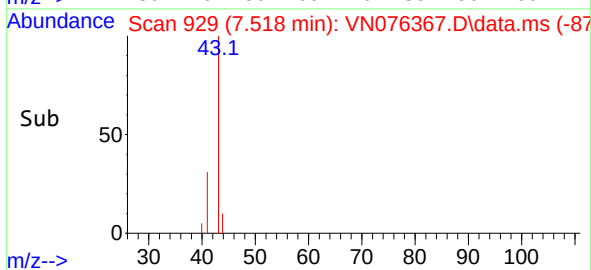
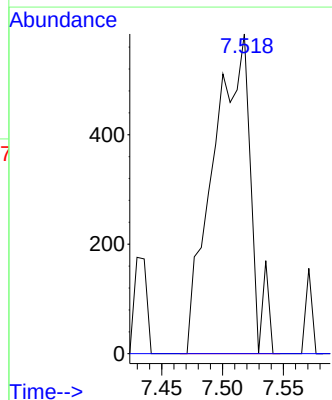
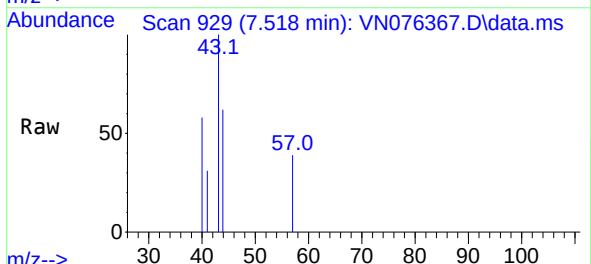
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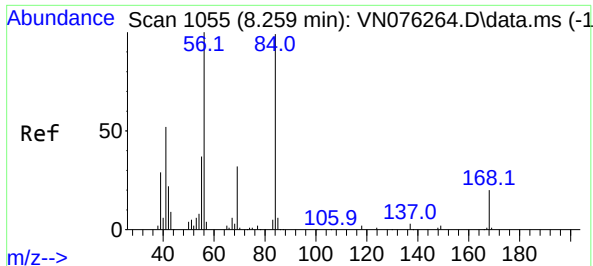
Tgt Ion: 84 Resp: 917
Ion Ratio Lower Upper
84 100
49 93.7 84.5 126.7
51 0.0 26.0 39.0#
86 61.1 52.0 78.0



#25
2-Butanone
Concen: 0.594 ug/l
RT: 7.518 min Scan# 929
Delta R.T. 0.030 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
72 0.0 27.4 41.2#

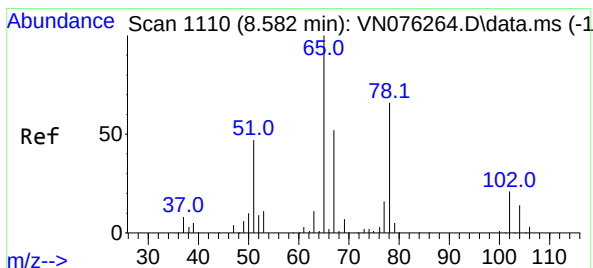
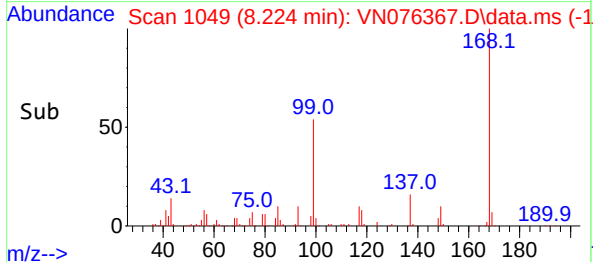
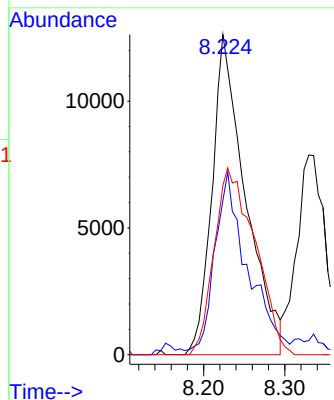
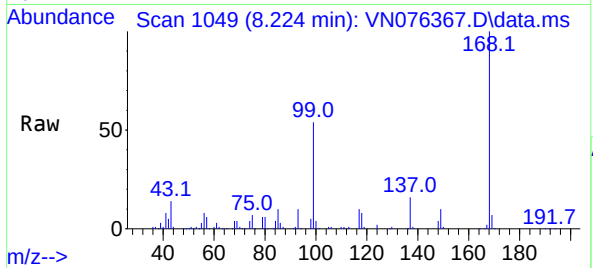




#31
Cyclohexane
Concen: 5.471 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
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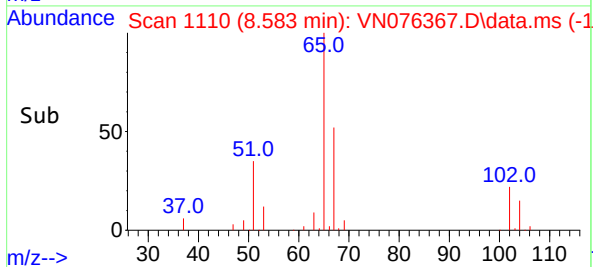
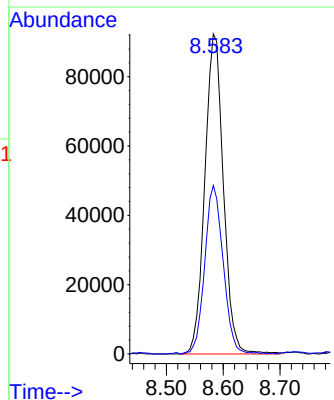
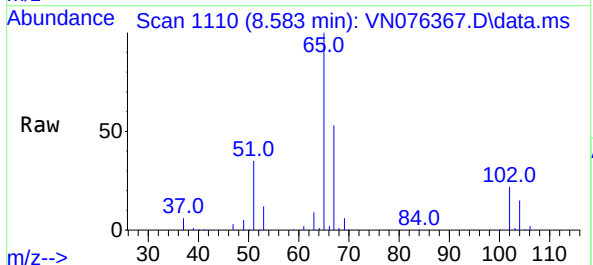
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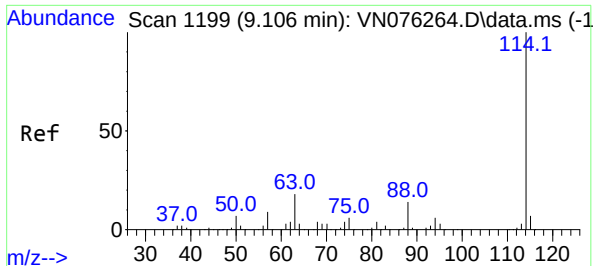
Tgt Ion: 56 Resp: 36183
Ion Ratio Lower Upper
56 100
69 46.4 25.8 38.8#
84 52.9 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 48.601 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 65 Resp: 209241
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6

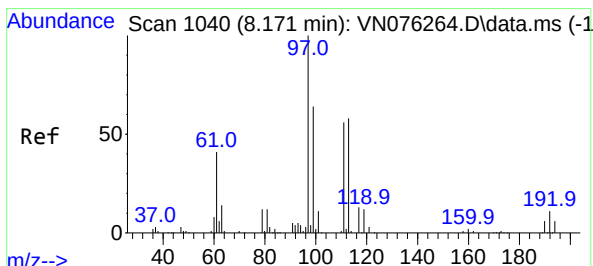
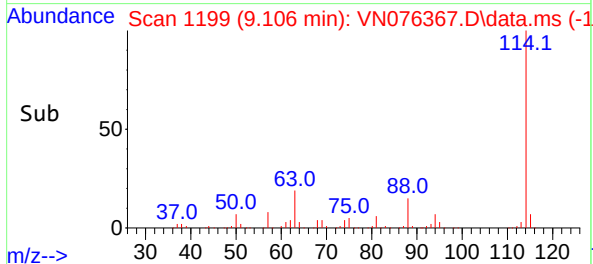
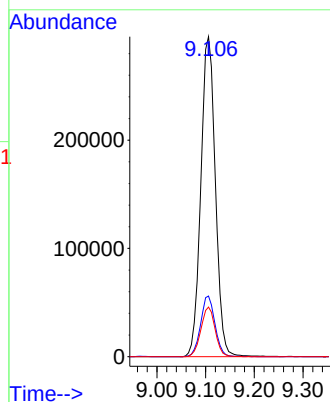
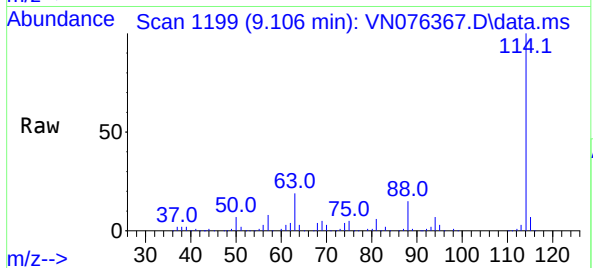




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

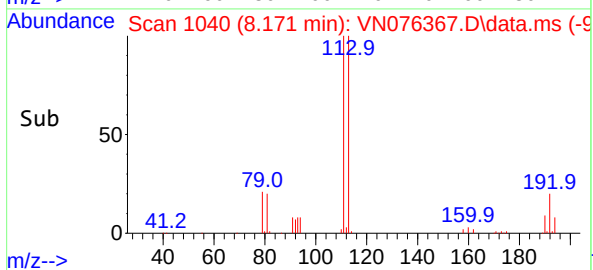
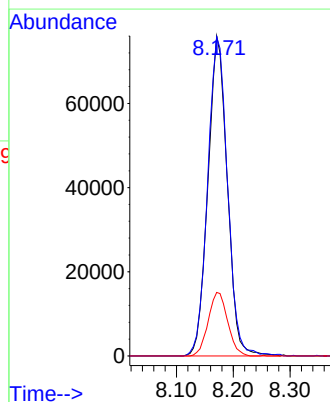
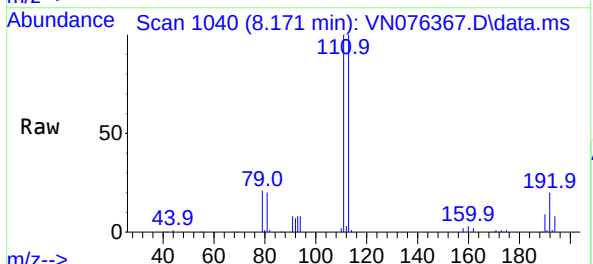
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ClientSampleId :
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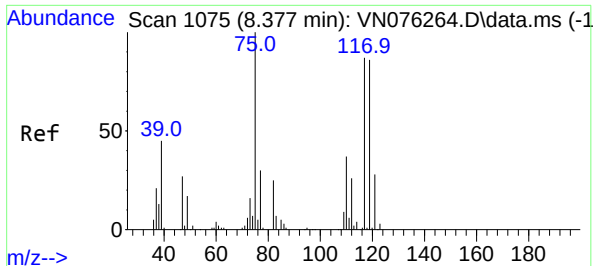
Tgt Ion:114 Resp: 612820
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.8
88 15.5 0.0 28.0



#35
Dibromofluoromethane
Concen: 46.847 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion:113 Resp: 179587
Ion Ratio Lower Upper
113 100
111 102.5 82.7 124.1
192 19.9 15.6 23.4

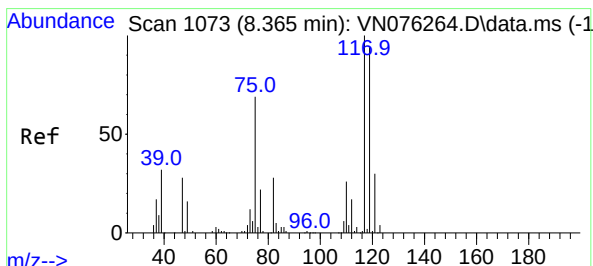
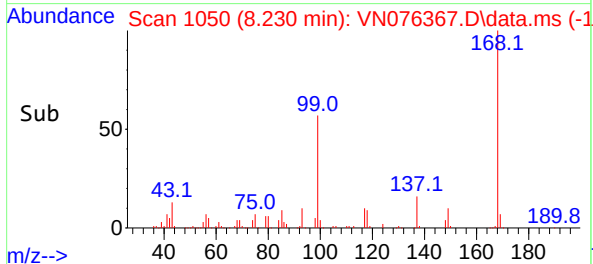
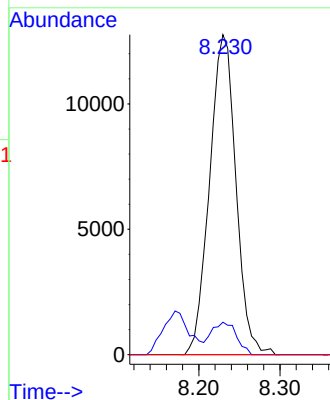
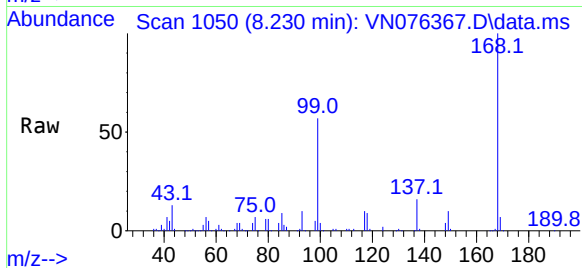




#36
1,1-Dichloropropene
Concen: 5.282 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

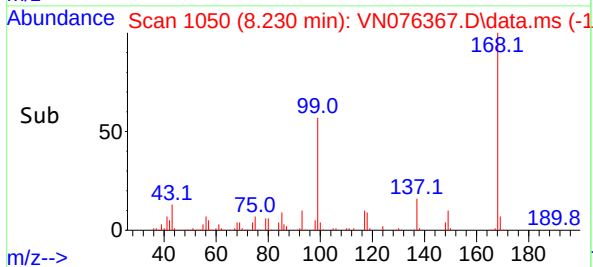
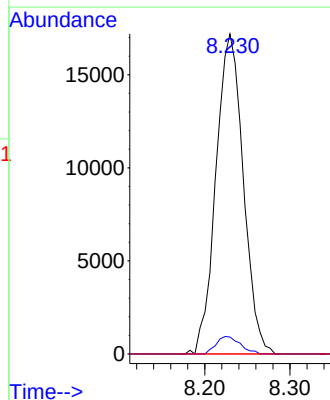
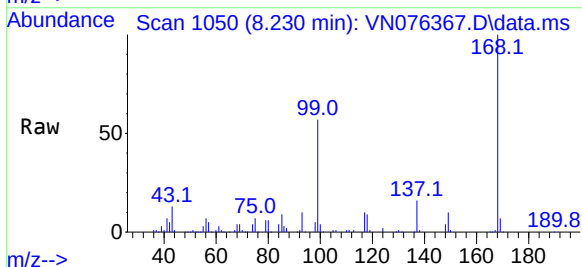
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

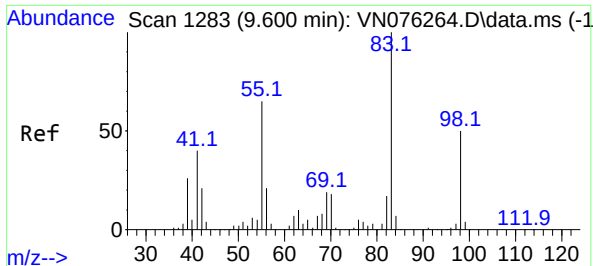
Tgt Ion: 75 Resp: 28773
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 117 Resp: 38341
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 29.224 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076367.D

Acq: 23 Jan 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

B-P38CDL

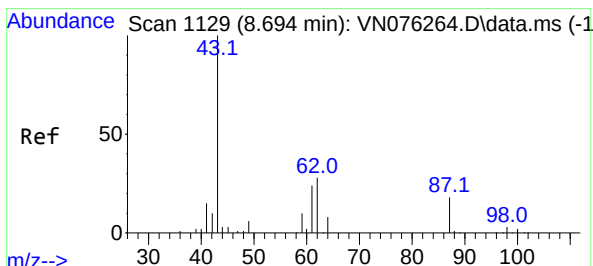
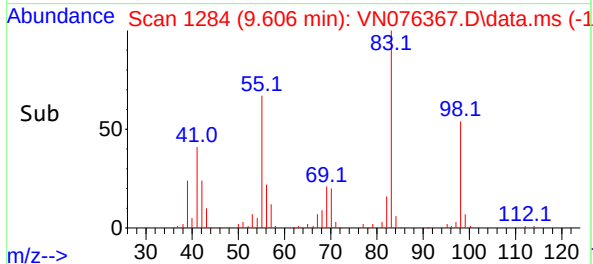
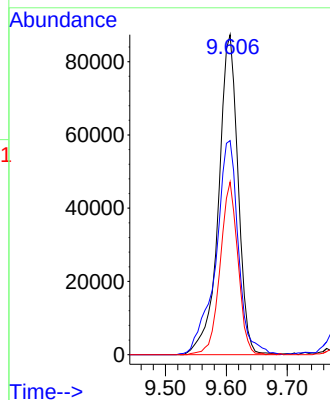
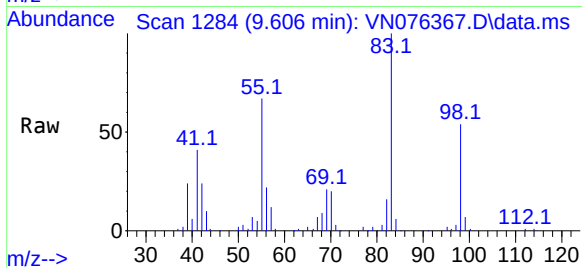
Tgt Ion: 83 Resp: 194397

Ion Ratio Lower Upper

83 100

55 66.7 51.7 77.5

98 54.0 40.0 60.0



#43

Isopropyl Acetate

Concen: 1.152 ug/l

RT: 8.706 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VN076367.D

Acq: 23 Jan 2023 15:25

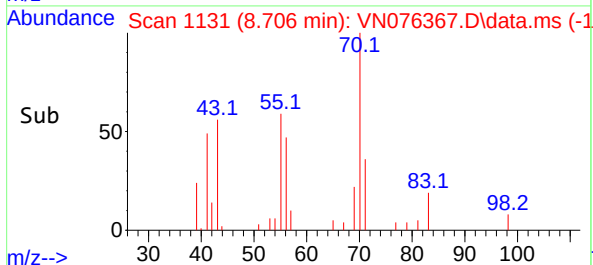
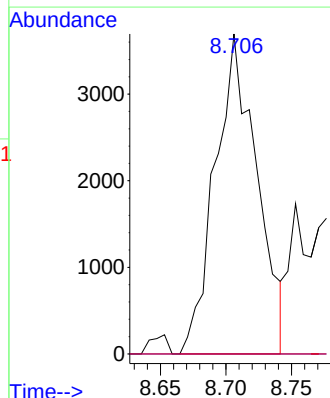
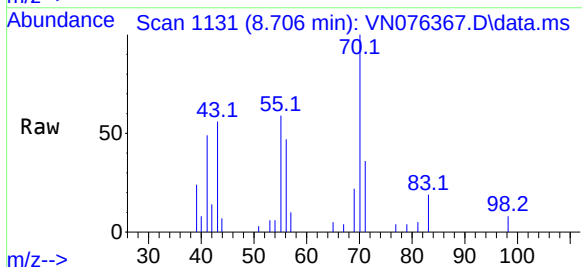
Tgt Ion: 43 Resp: 8188

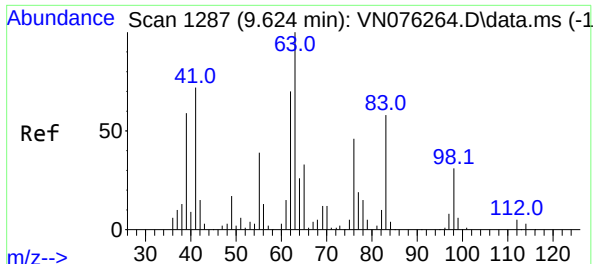
Ion Ratio Lower Upper

43 100

61 0.0 23.5 35.3#

87 0.0 13.8 20.6#

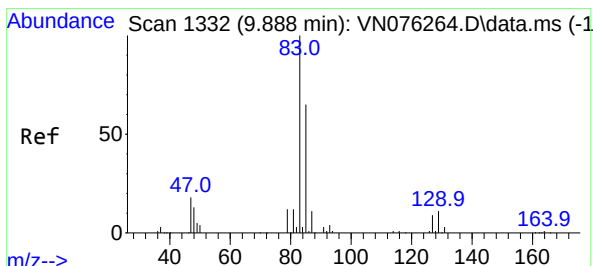
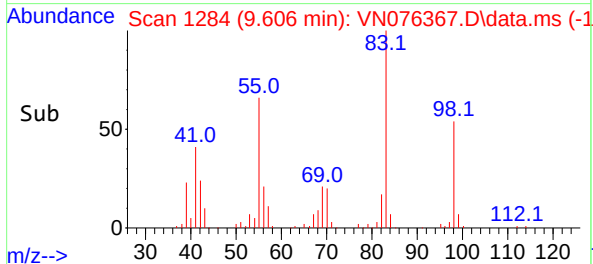
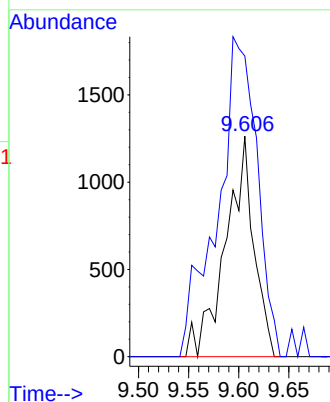
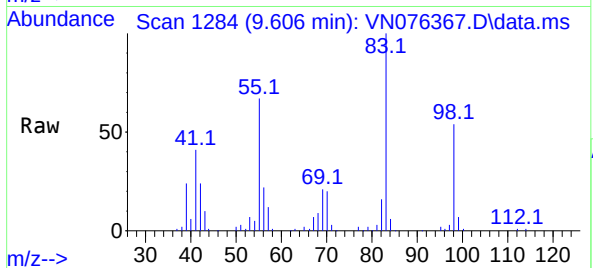




#45
1,2-Dichloropropane
Concen: 0.634 ug/l
RT: 9.606 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

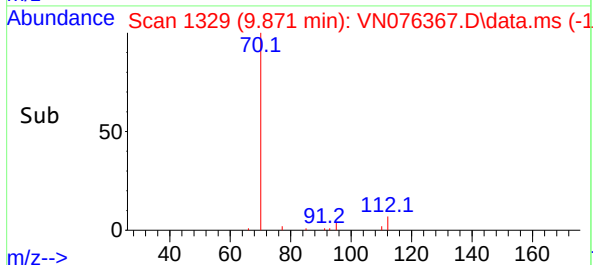
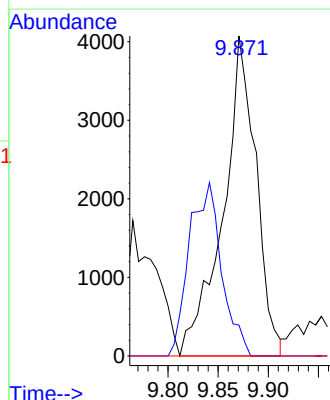
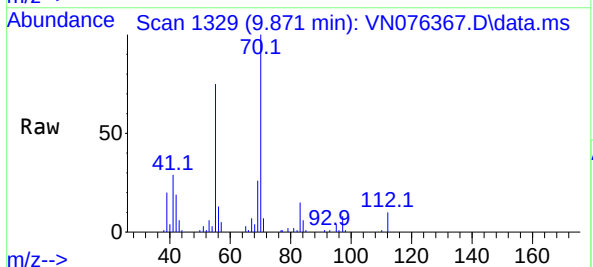
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

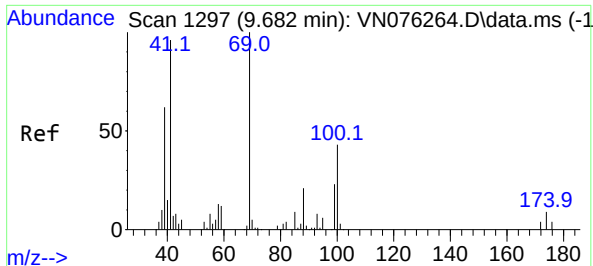
Tgt Ion: 63 Resp: 2472
Ion Ratio Lower Upper
63 100
65 136.3 26.4 39.6#



#47
Bromodichloromethane
Concen: 1.628 ug/l
RT: 9.871 min Scan# 1329
Delta R.T. -0.017 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 83 Resp: 9299
Ion Ratio Lower Upper
83 100
85 9.7 52.1 78.1#
127 0.0 7.4 11.0#

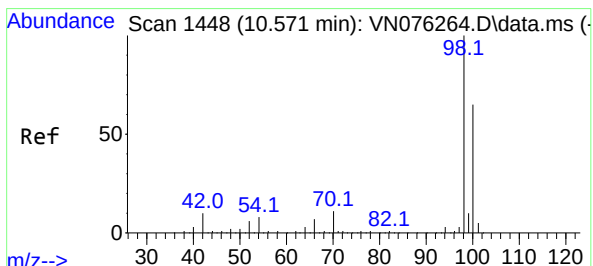
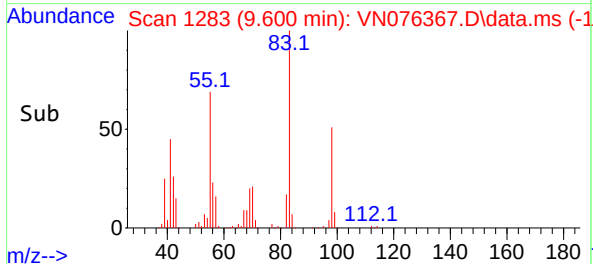
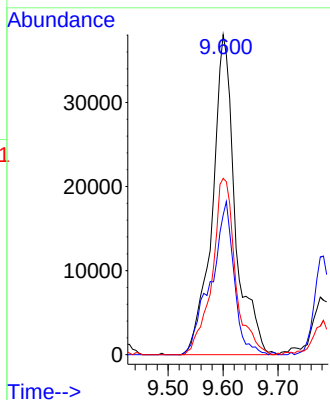
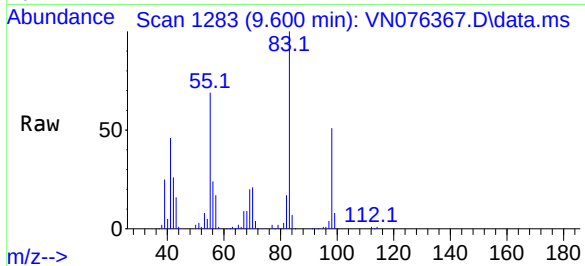




#48
Methyl methacrylate
Concen: 32.753 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

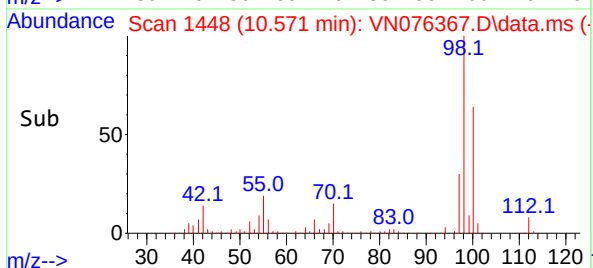
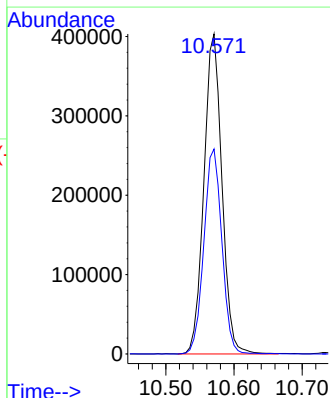
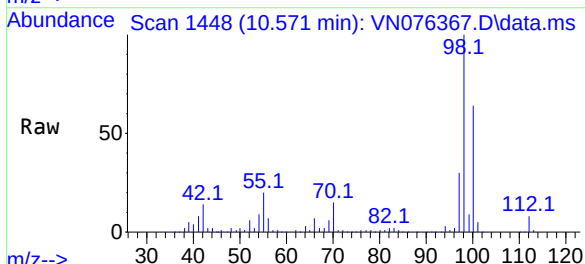
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

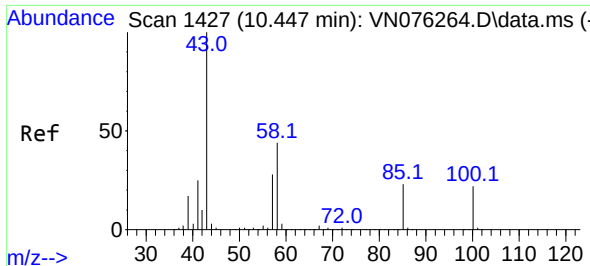
Tgt Ion: 41 Resp: 110213
Ion Ratio Lower Upper
41 100
69 48.4 80.8 121.2#
39 56.0 54.4 81.6



#50
Toluene-d8
Concen: 52.410 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 98 Resp: 741982
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4

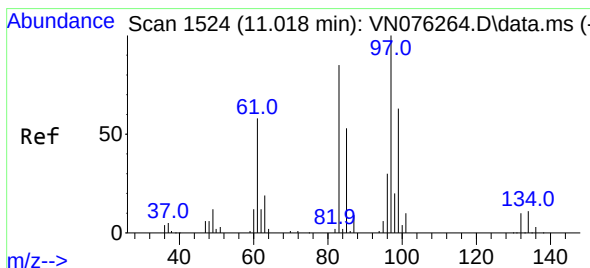
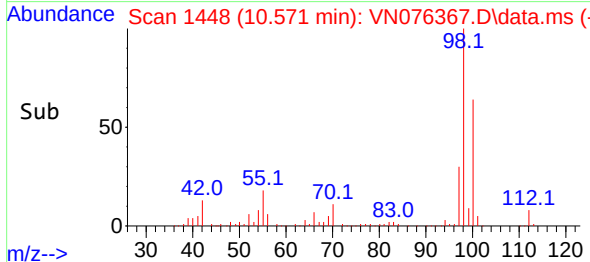
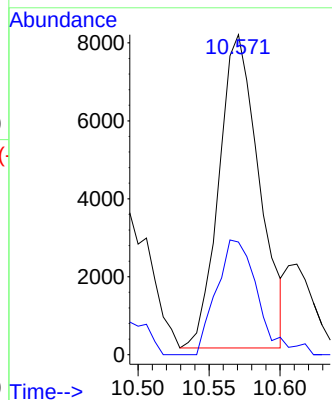
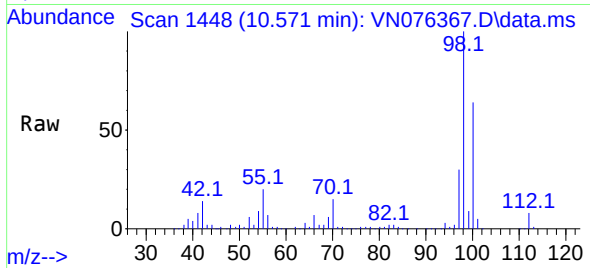




#51
4-Methyl-2-Pentanone
Concen: 3.801 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

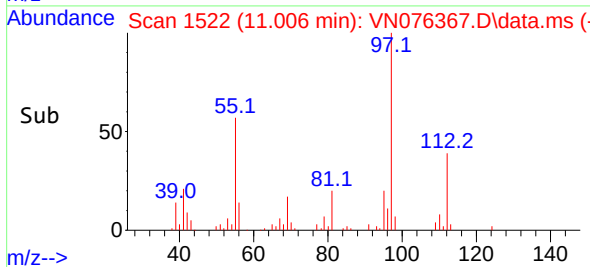
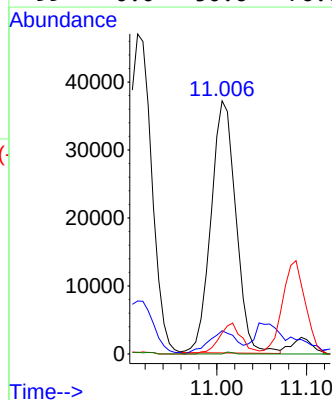
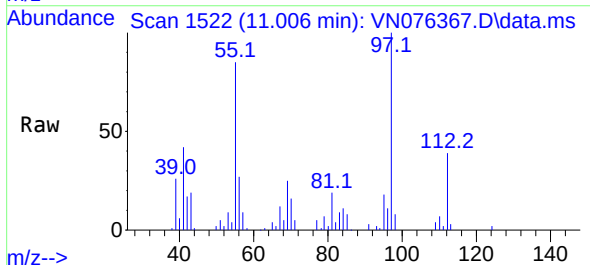
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

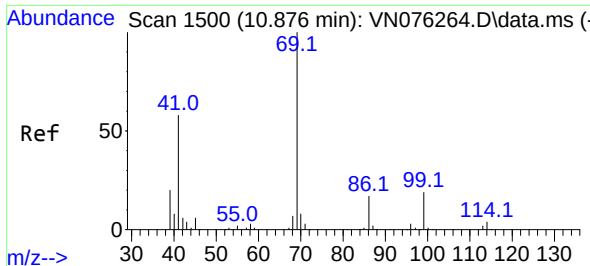
Tgt Ion: 43 Resp: 15858
Ion Ratio Lower Upper
43 100
58 37.8 35.1 52.7



#55
1,1,2-Trichloroethane
Concen: 17.170 ug/l
RT: 11.006 min Scan# 1522
Delta R.T. -0.012 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 97 Resp: 71487
Ion Ratio Lower Upper
97 100
83 8.8 67.8 101.6#
85 8.4 42.3 63.5#
99 0.0 50.6 76.0#

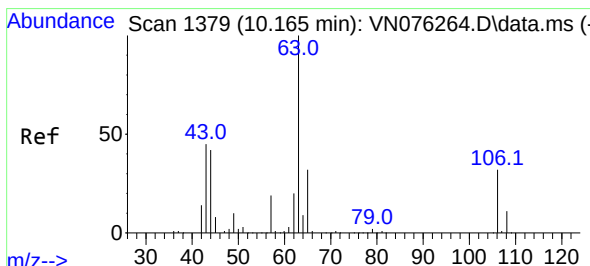
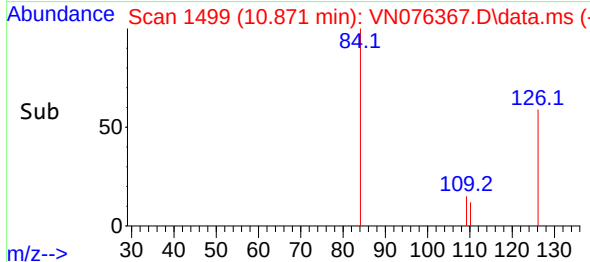
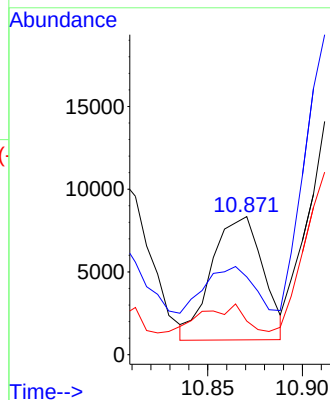
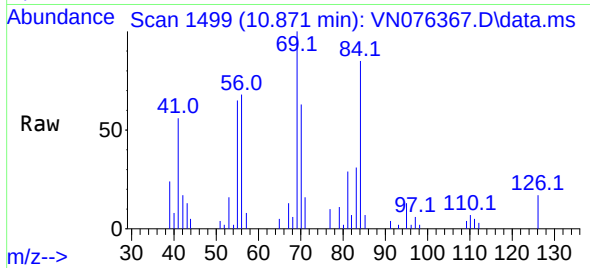




#56
Ethyl methacrylate
Concen: 2.601 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.005 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

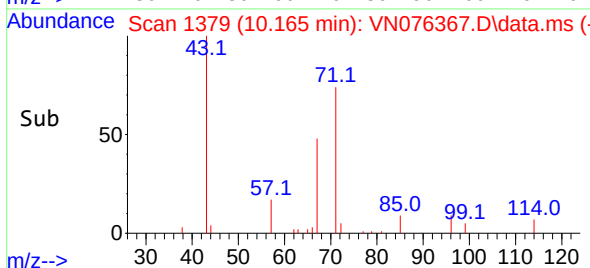
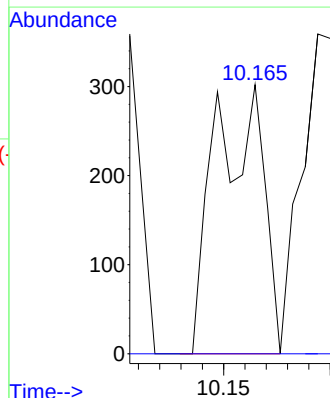
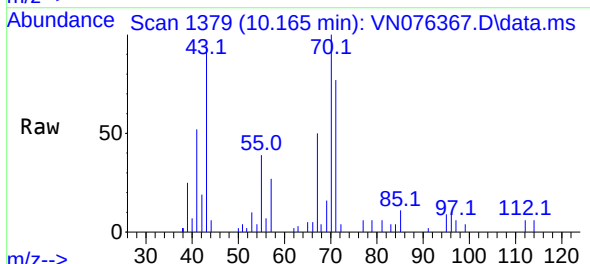
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

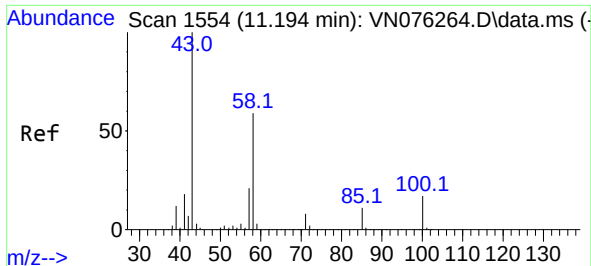
Tgt Ion: 69 Resp: 13979
Ion Ratio Lower Upper
69 100
41 60.1 45.3 67.9
39 36.0 29.3 43.9



#58
2-Chloroethyl Vinyl ether
Concen: 0.259 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 63 Resp: 470
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.2#

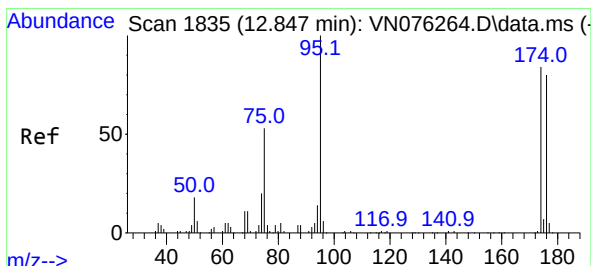
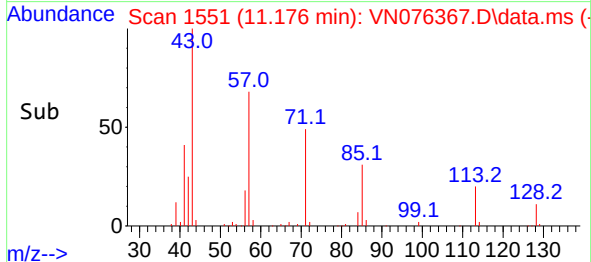
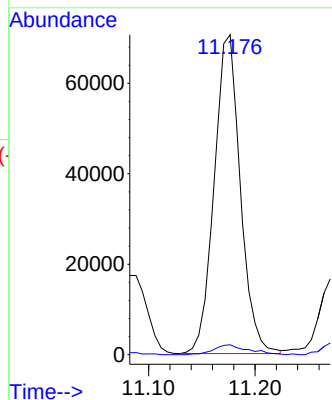
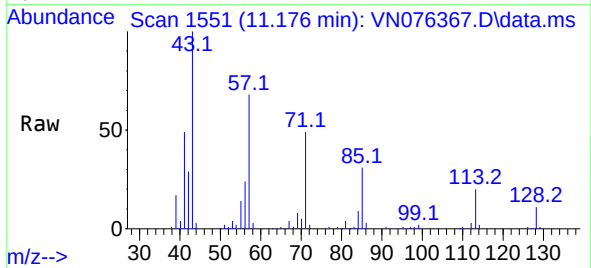




#59
2-Hexanone
Concen: 39.671 ug/l
RT: 11.176 min Scan# 119952
Delta R.T. -0.018 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

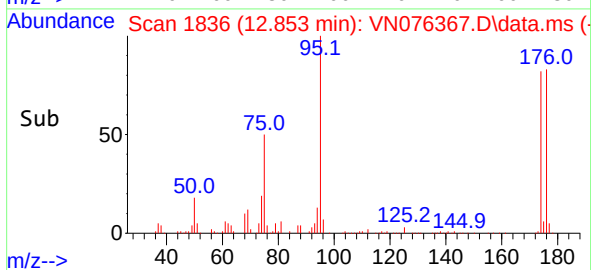
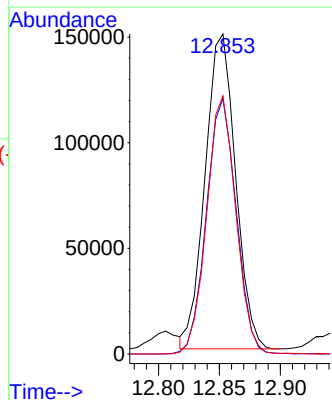
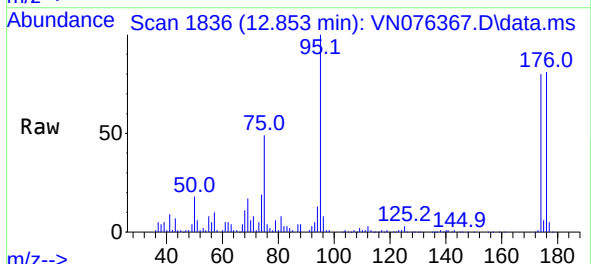
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

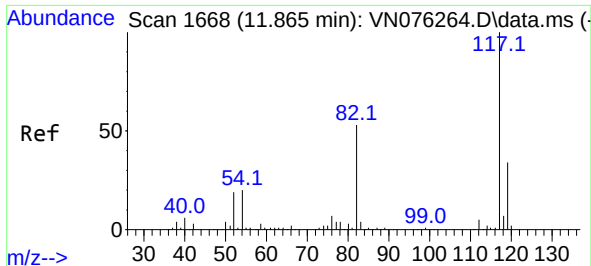
Tgt Ion: 43 Resp: 119952
Ion Ratio Lower Upper
43 100
58 4.1 30.1 90.3#



#62
4-Bromofluorobenzene
Concen: 56.213 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 95 Resp: 259802
Ion Ratio Lower Upper
95 100
174 79.3 0.0 174.6
176 78.2 0.0 167.8

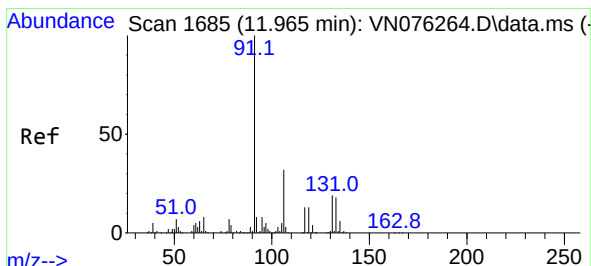
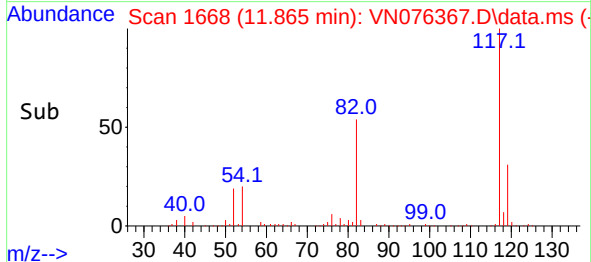
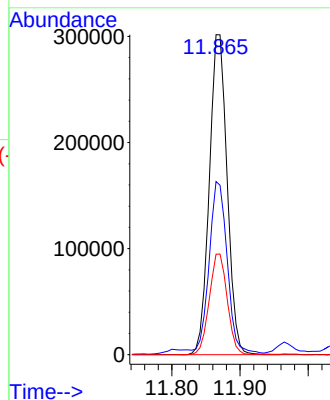
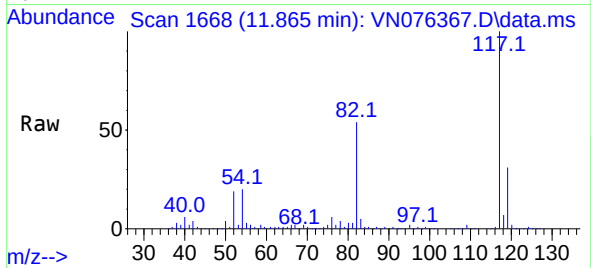




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

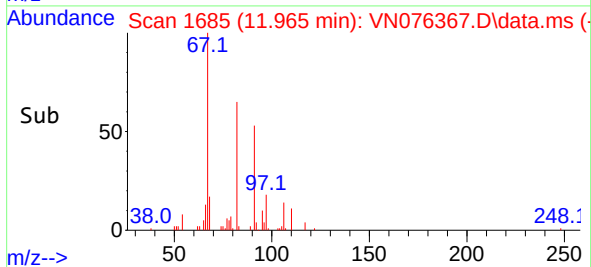
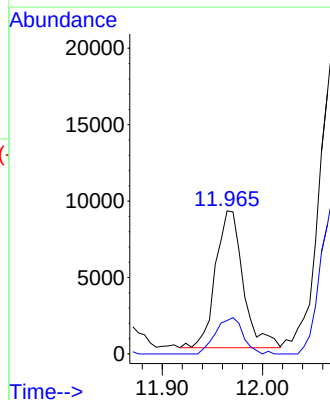
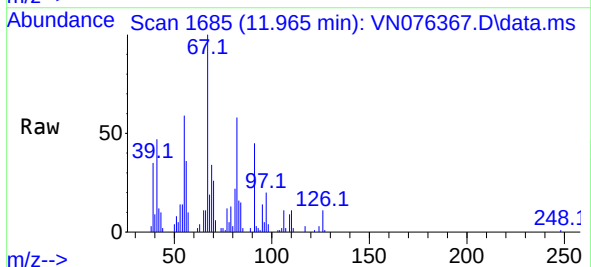
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

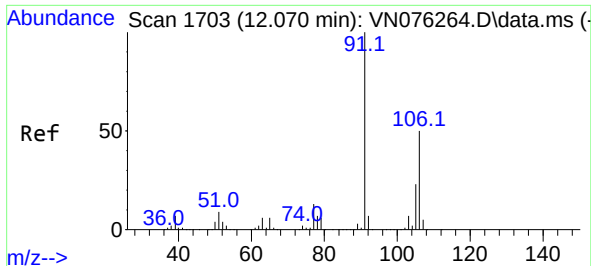
Tgt Ion:117 Resp: 549267
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 31.4 26.9 40.3



#67
Ethyl Benzene
Concen: 0.861 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 91 Resp: 17110
Ion Ratio Lower Upper
91 100
106 24.4 25.5 38.3#

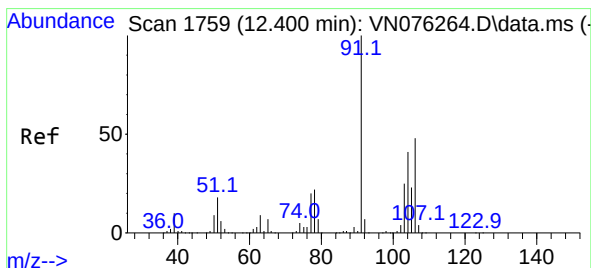
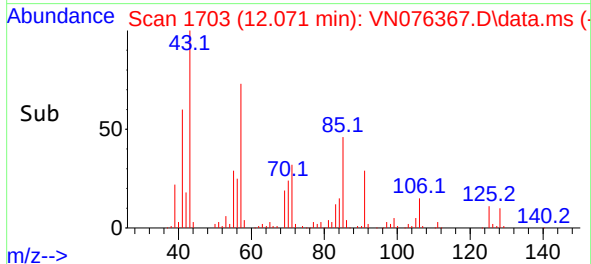
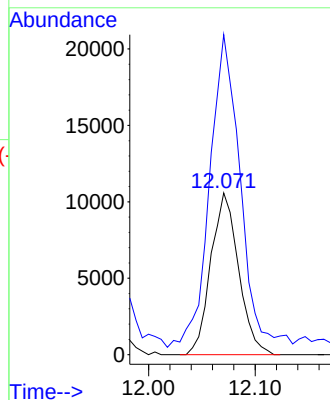
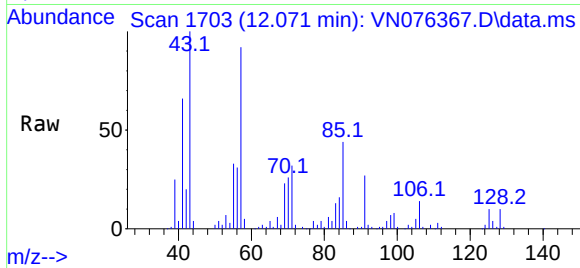




#68
m/p-Xylenes
Concen: 2.400 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

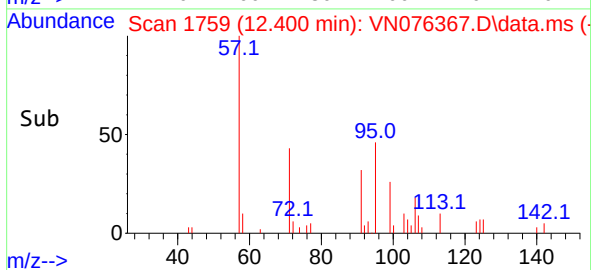
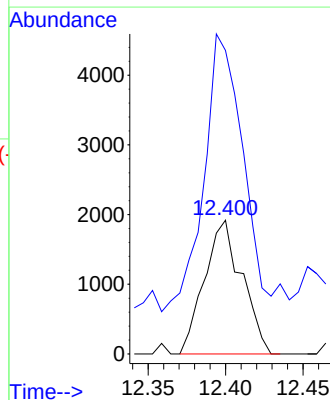
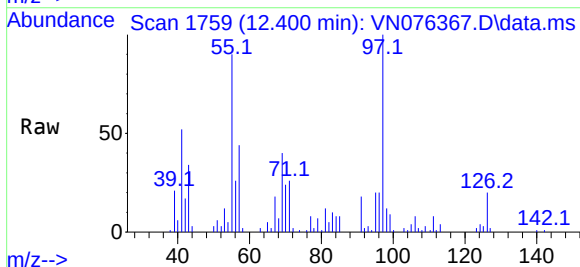
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

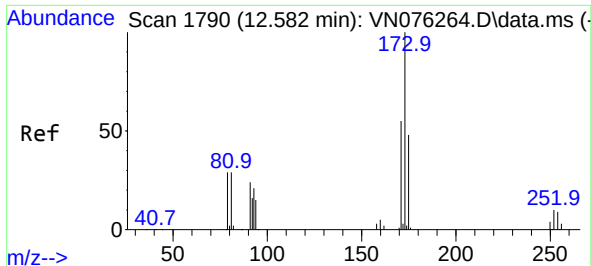
Tgt Ion:106 Resp: 19120
Ion Ratio Lower Upper
106 100
91 212.3 157.5 236.3



#69
o-Xylene
Concen: 0.414 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion:106 Resp: 3237
Ion Ratio Lower Upper
106 100
91 212.8 103.2 309.4

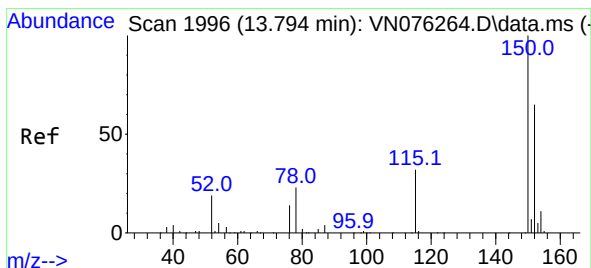
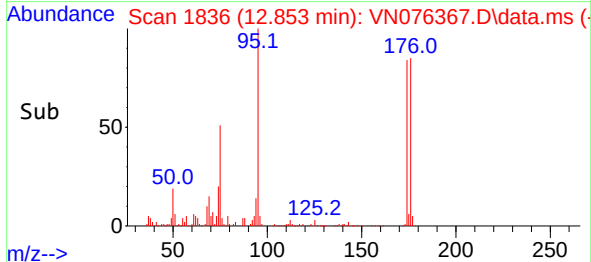
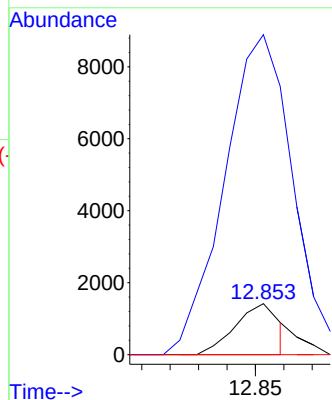
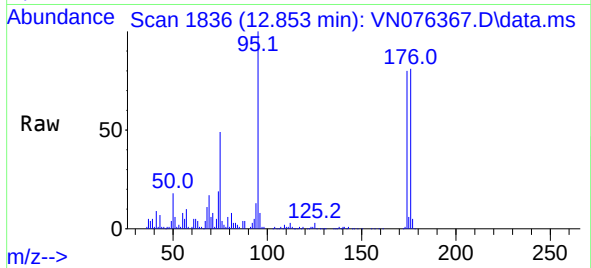




#71
Bromoform
Concen: 0.490 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

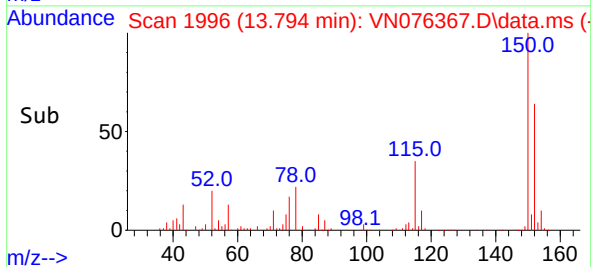
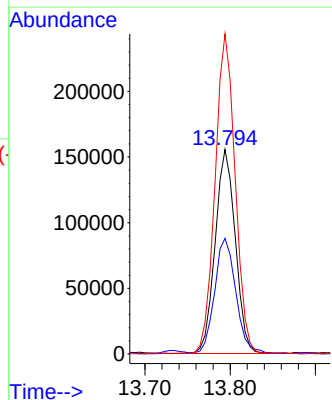
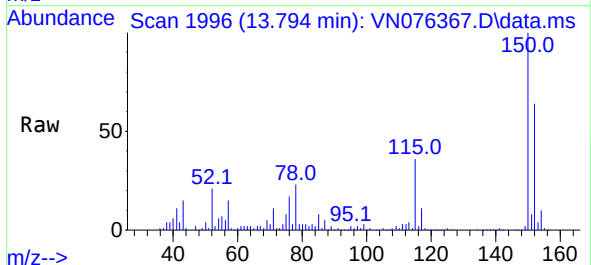
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

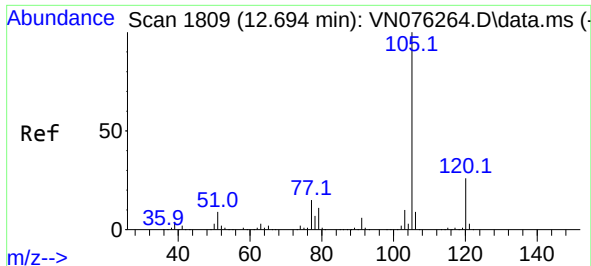
Tgt Ion:173 Resp: 1528
Ion Ratio Lower Upper
173 100
175 819.0 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion:152 Resp: 255428
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.9
150 155.5 0.0 351.4

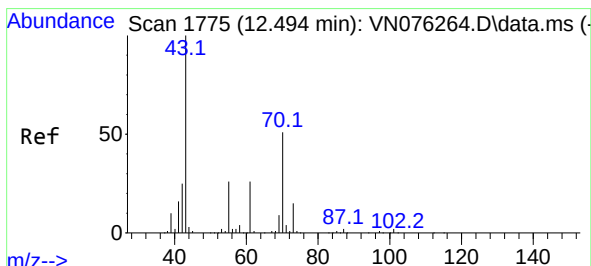
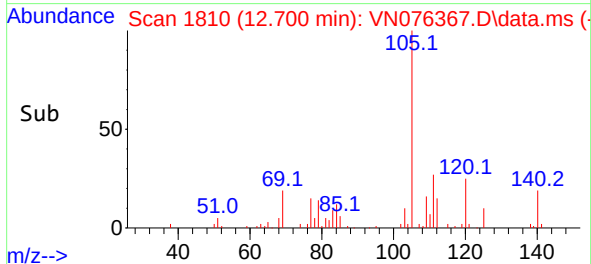
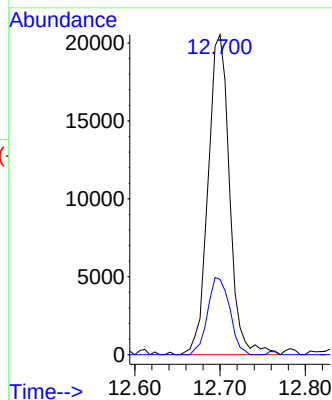
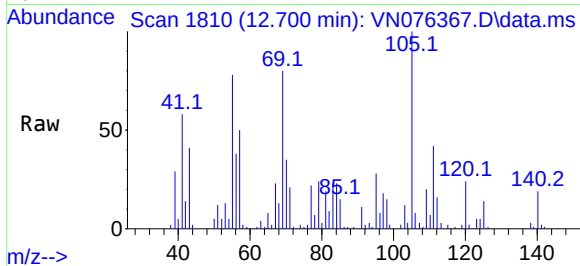




#73
Isopropylbenzene
Concen: 1.818 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

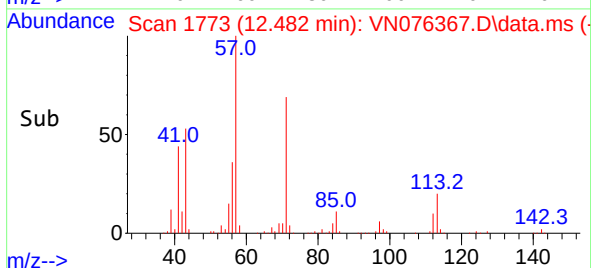
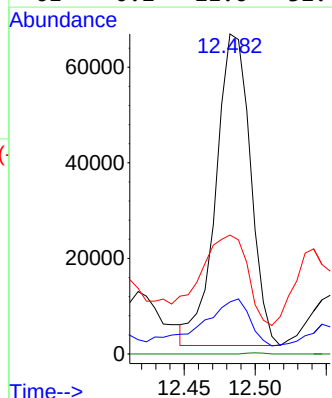
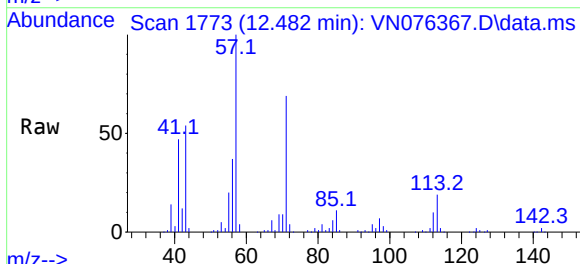
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

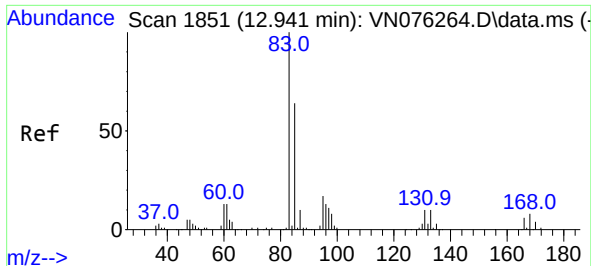
Tgt Ion:105 Resp: 35914
Ion Ratio Lower Upper
105 100
120 24.8 13.4 40.1



#74
N-ethyl acetate
Concen: 19.378 ug/l
RT: 12.482 min Scan# 1773
Delta R.T. -0.012 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 43 Resp: 110144
Ion Ratio Lower Upper
43 100
70 20.7 41.2 61.8#
55 40.0 21.0 31.6#
61 0.2 21.6 32.4#

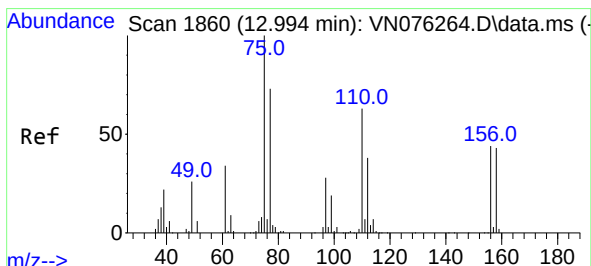
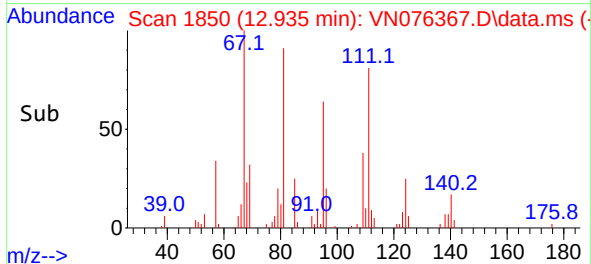
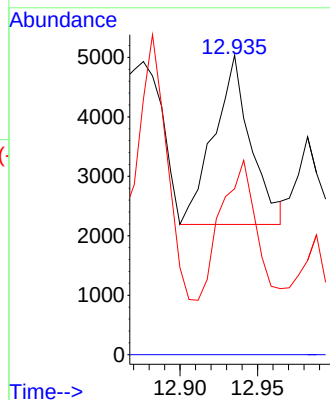
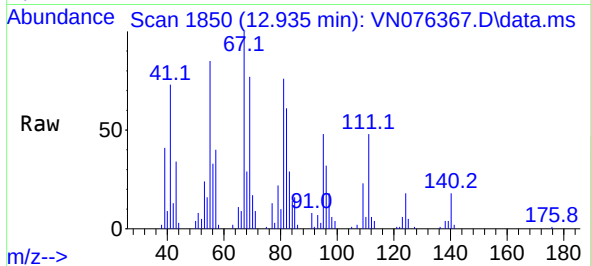




#75
1,1,2,2-Tetrachloroethane
Concen: 0.828 ug/l
RT: 12.935 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

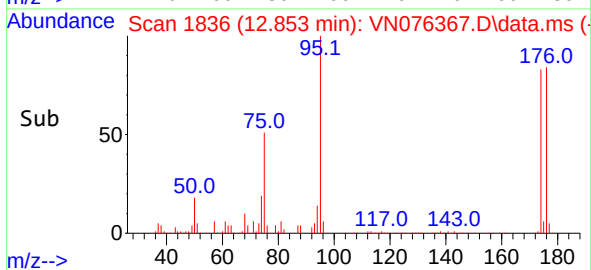
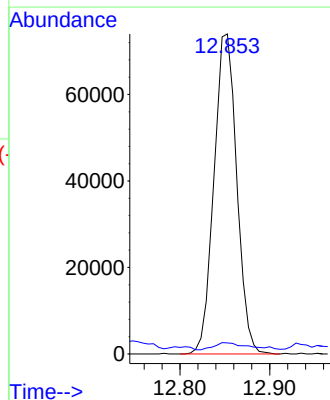
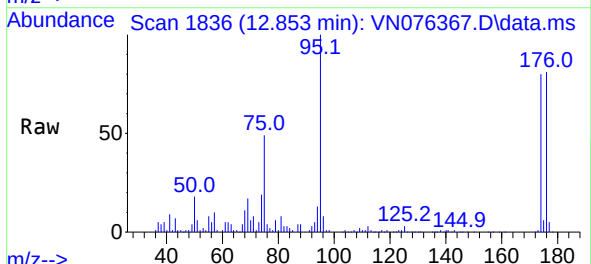
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

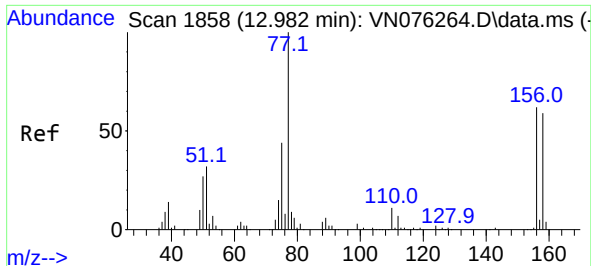
Tgt Ion: 83 Resp: 4706
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 78.2 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 27.650 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 75 Resp: 130635
Ion Ratio Lower Upper
75 100
77 3.4 75.2 225.6#

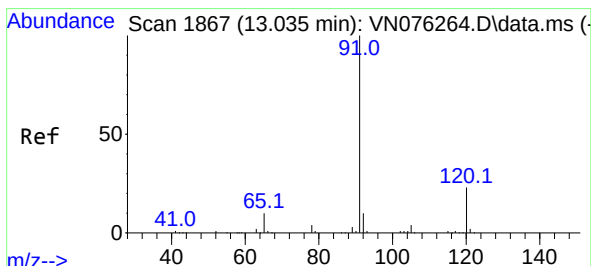
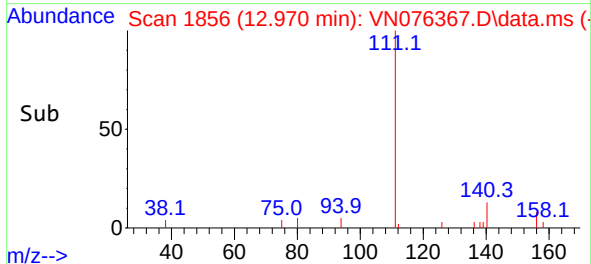
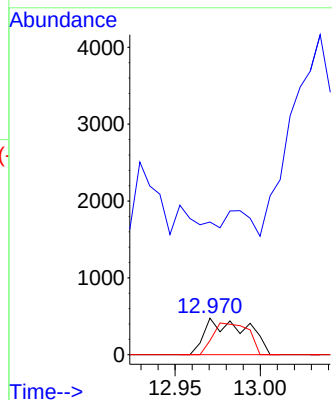
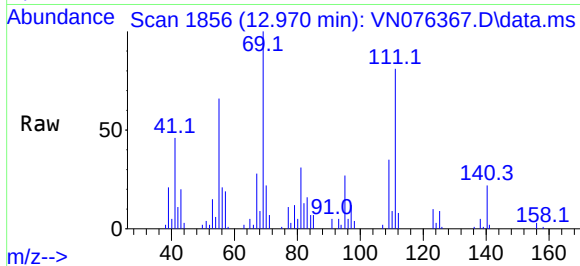




#77
Bromobenzene
Concen: Below Cal
RT: 12.970 min Scan# 1856
Delta R.T. -0.012 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

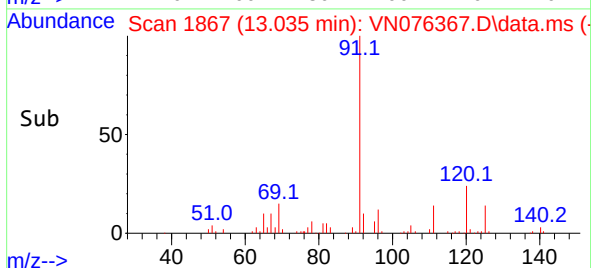
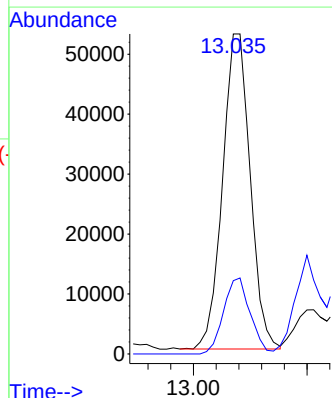
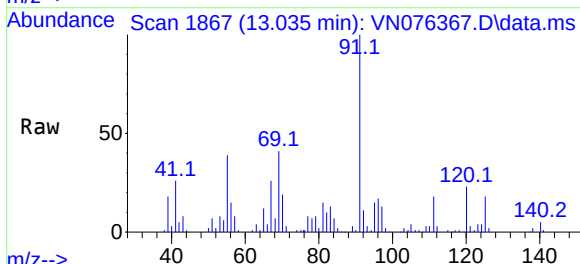
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

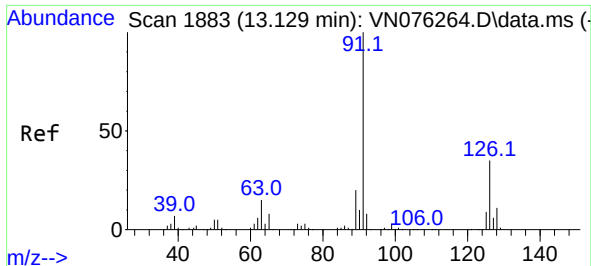
Tgt Ion:156 Resp: 808
Ion Ratio Lower Upper
156 100
77 59.3 93.4 280.2#
158 73.9 48.4 145.2



#78
n-propylbenzene
Concen: 3.982 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 91 Resp: 88789
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

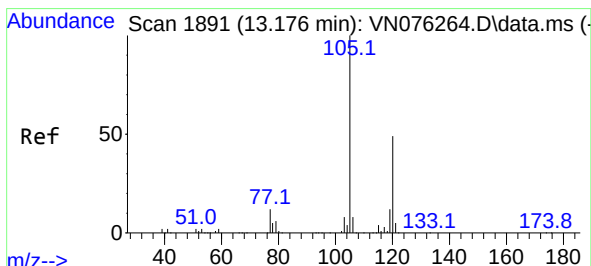
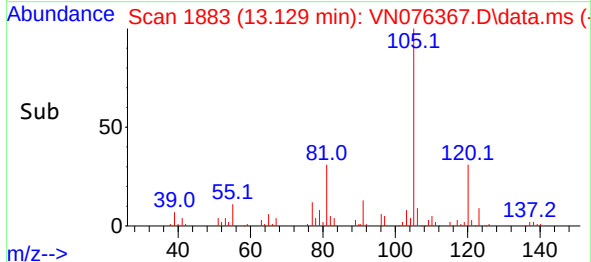
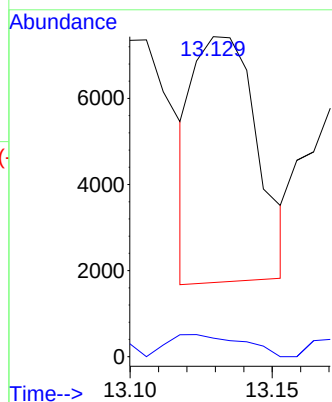
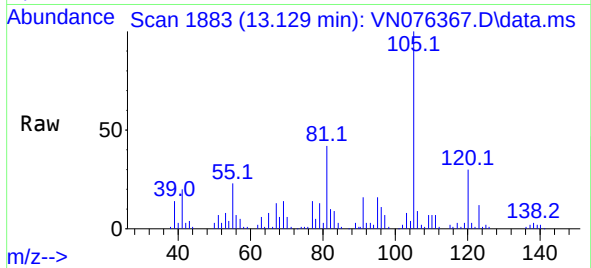




#79
2-Chlorotoluene
Concen: 0.652 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

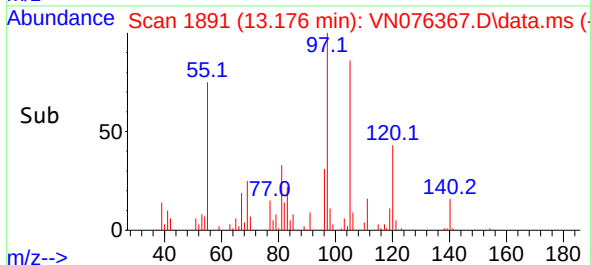
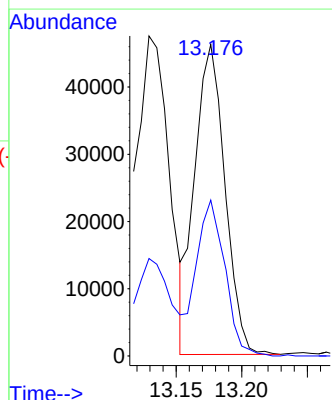
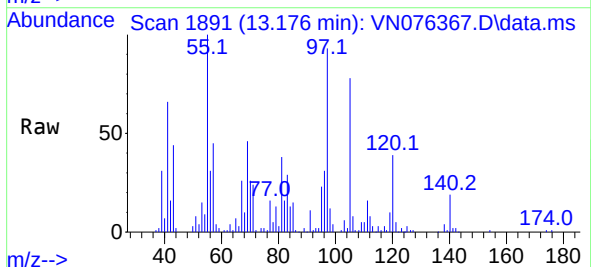
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

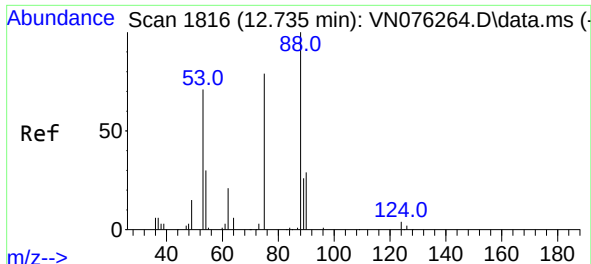
Tgt Ion: 91 Resp: 8921
Ion Ratio Lower Upper
91 100
126 10.6 17.4 52.2#



#80
1,3,5-Trimethylbenzene
Concen: 4.470 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 105 Resp: 73992
Ion Ratio Lower Upper
105 100
120 48.1 25.0 75.0

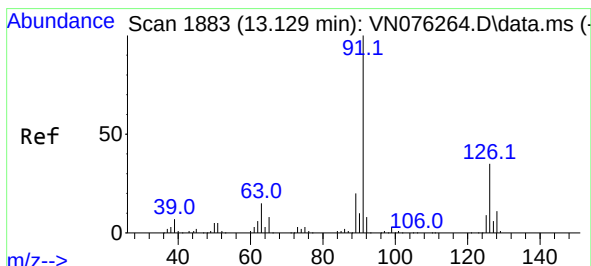
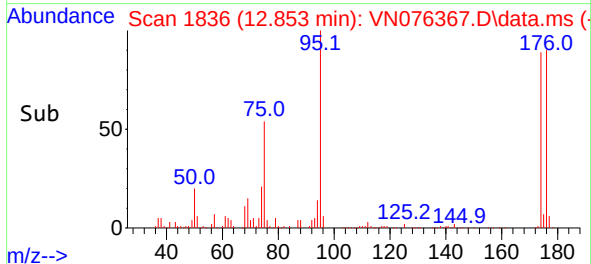
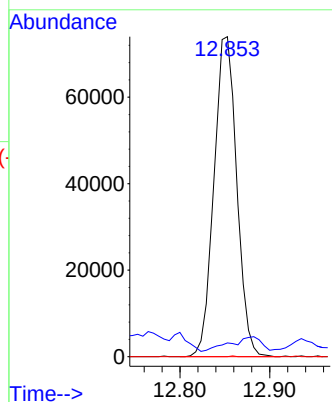
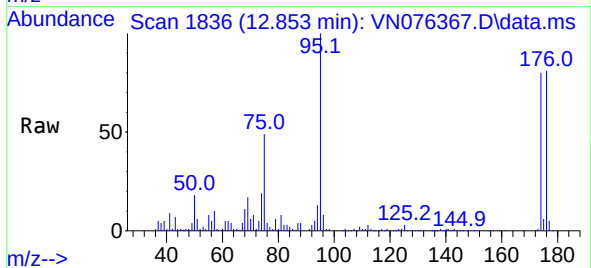




#81
trans-1,4-Dichloro-2-butene
Concen: 85.094 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

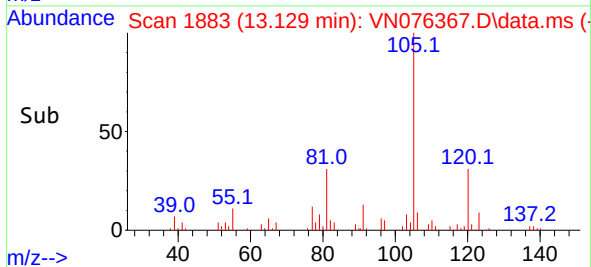
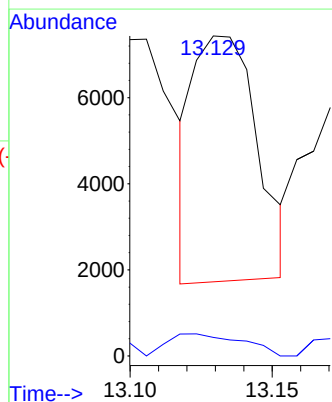
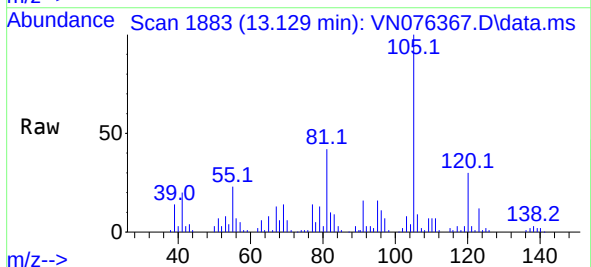
Instrument :
MSVOA_N
ClientSampleId :
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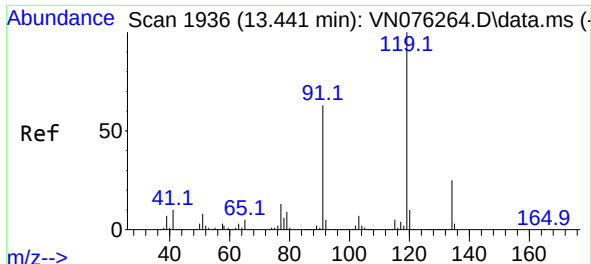
Tgt Ion: 75 Resp: 130635
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.652 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 91 Resp: 8921
Ion Ratio Lower Upper
91 100
126 10.6 17.4 52.2#

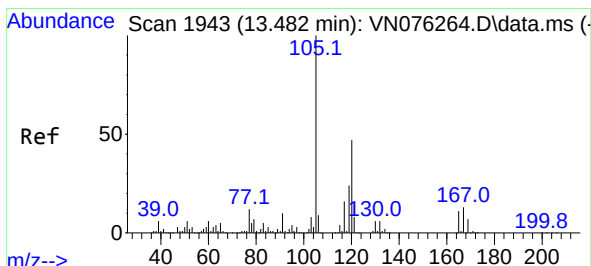
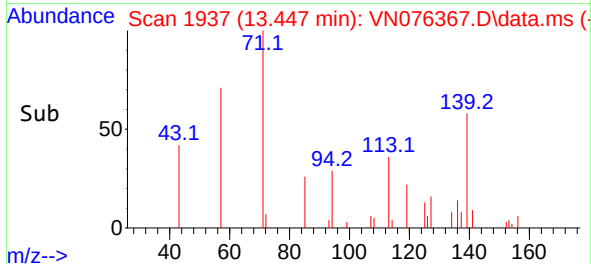
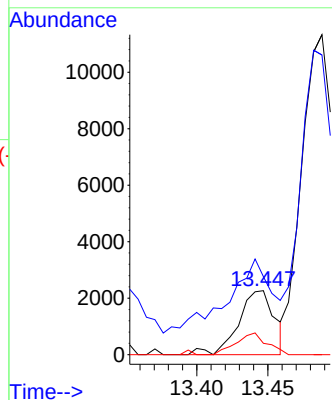
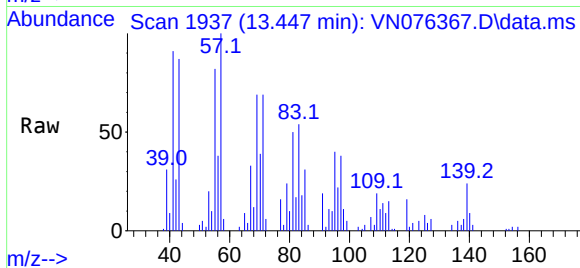




#83
tert-Butylbenzene
Concen: 0.271 ug/l
RT: 13.447 min Scan# 1936
Delta R.T. 0.006 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

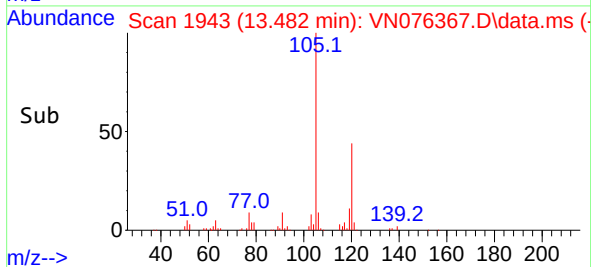
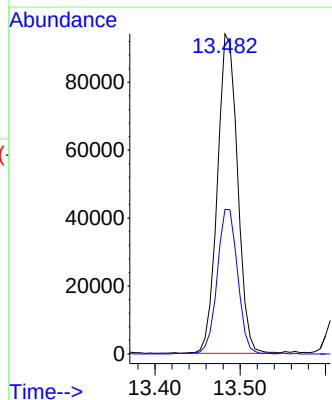
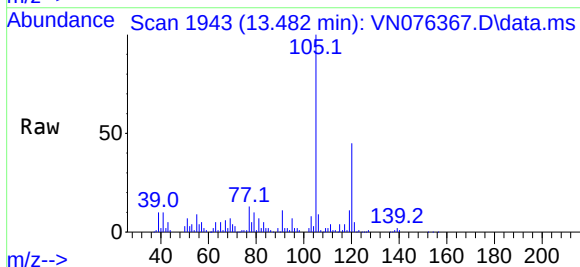
Instrument :
MSVOA_N
ClientSampleId :
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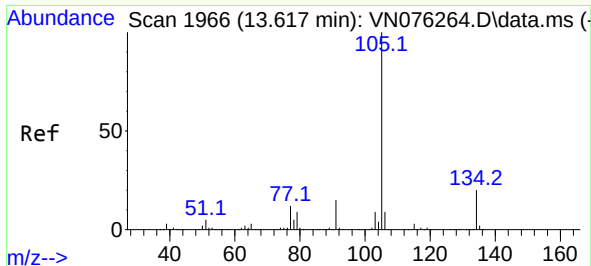
Tgt Ion:119 Resp: 3989
Ion Ratio Lower Upper
119 100
91 140.8 32.2 96.6#
134 29.2 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 9.309 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion:105 Resp: 154523
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.5

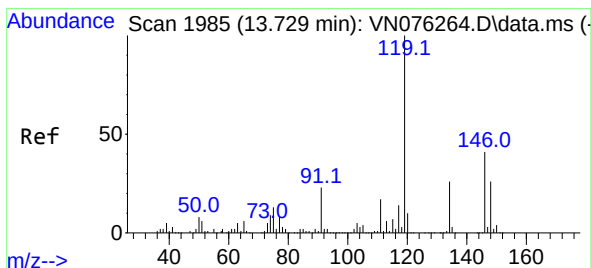
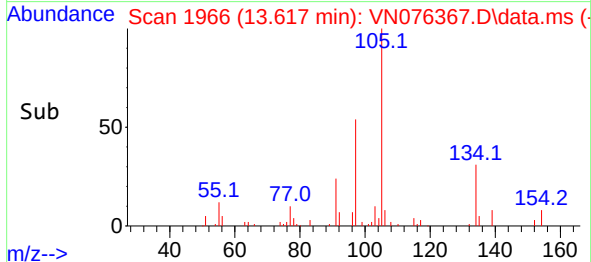
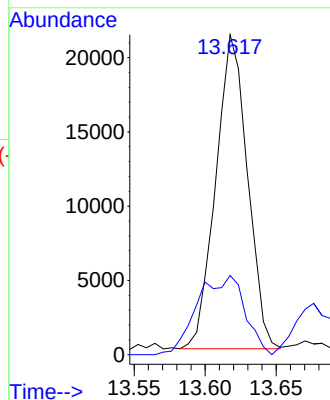
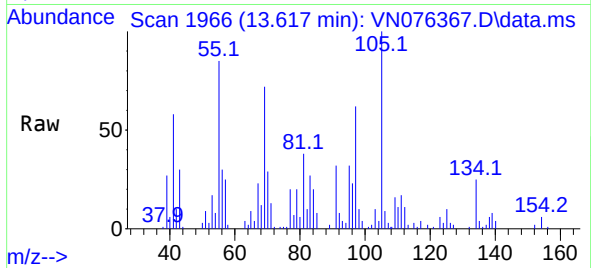




#85
 sec-Butylbenzene
 Concen: 1.607 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076367.D
 Acq: 23 Jan 2023 15:25

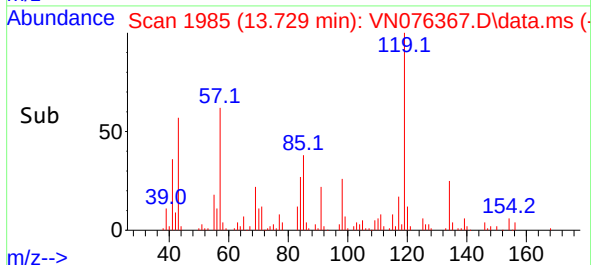
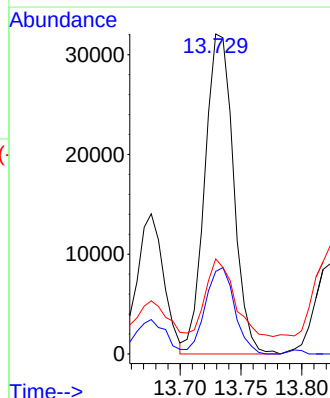
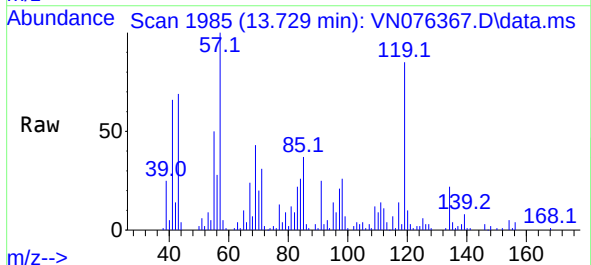
Instrument :
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 ClientSampleId :
 B-P38CDL

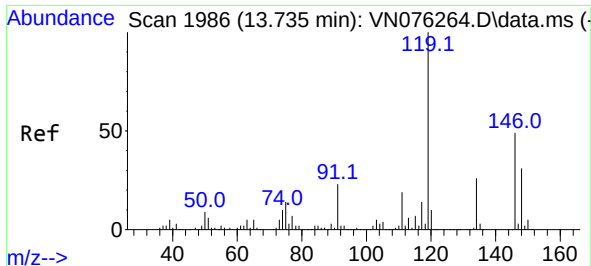
Tgt Ion:105 Resp: 32833
 Ion Ratio Lower Upper
 105 100
 134 37.7 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 3.135 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076367.D
 Acq: 23 Jan 2023 15:25

Tgt Ion:119 Resp: 52671
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.6
 91 23.6 11.8 35.3

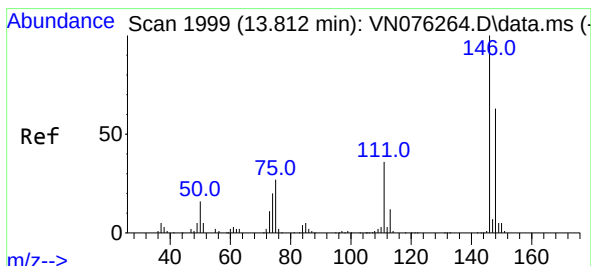
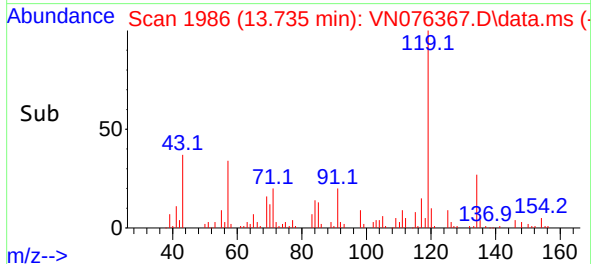
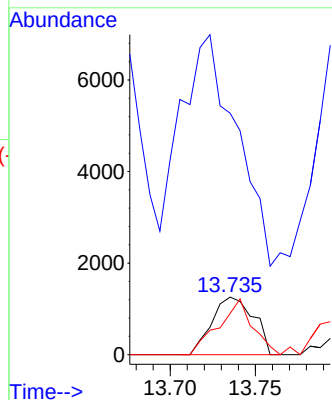
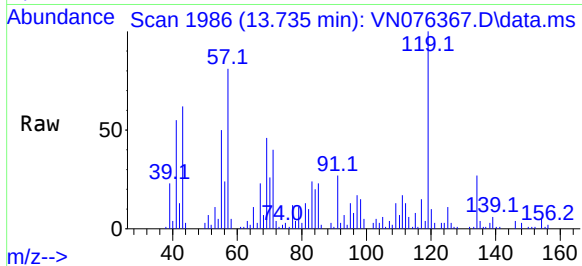




#87
1,3-Dichlorobenzene
Concen: 0.231 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

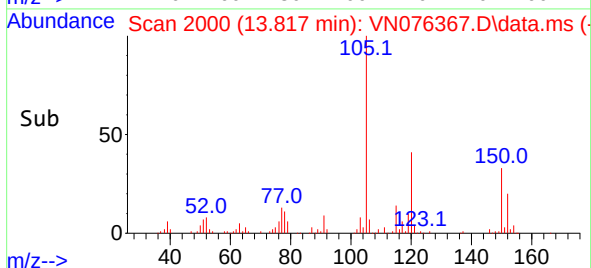
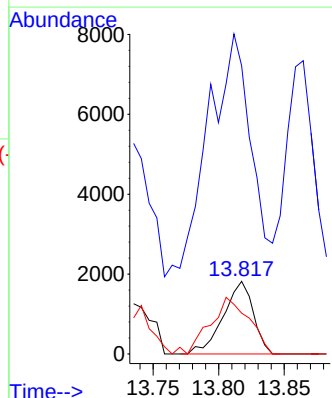
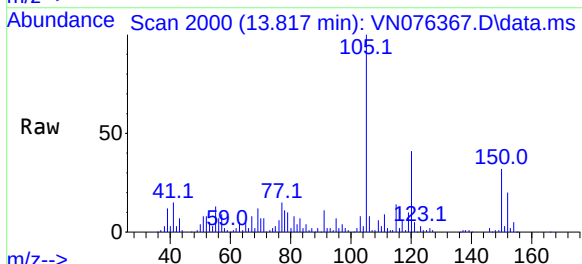
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

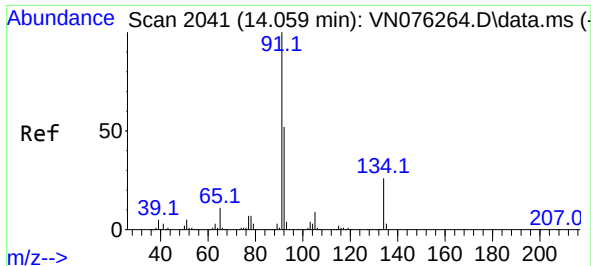
Tgt Ion:146 Resp: 2148
Ion Ratio Lower Upper
146 100
111 496.3 19.9 59.7#
148 78.9 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 0.426 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.005 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion:146 Resp: 2886
Ion Ratio Lower Upper
146 100
111 441.3 19.1 57.5#
148 101.6 31.9 95.9#

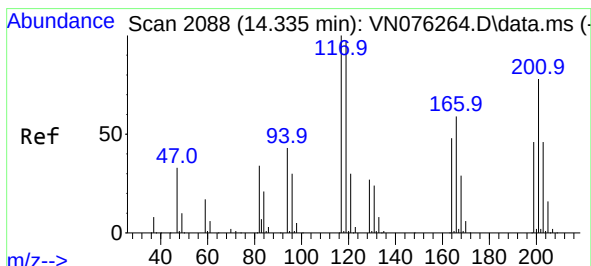
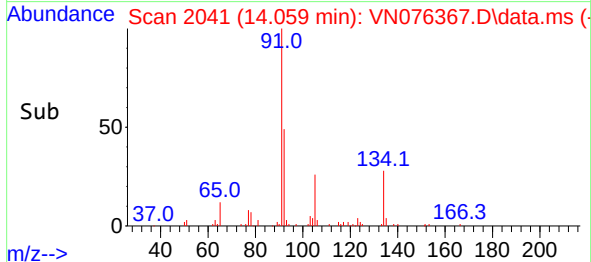
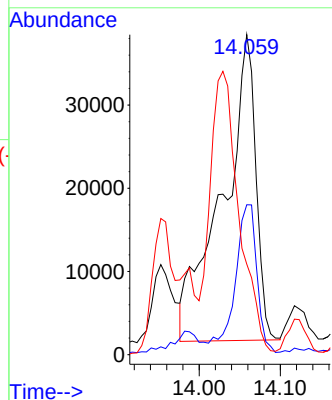
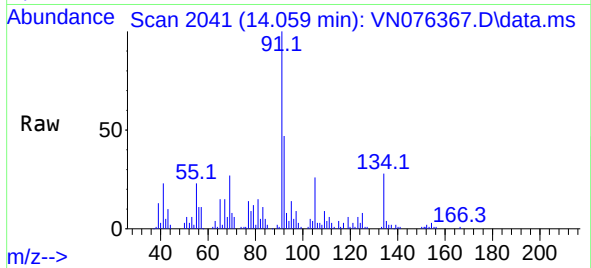




#89
n-Butylbenzene
Concen: 7.860 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

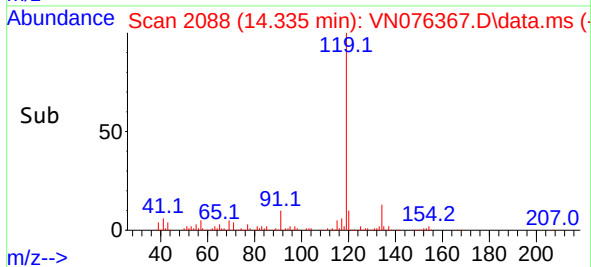
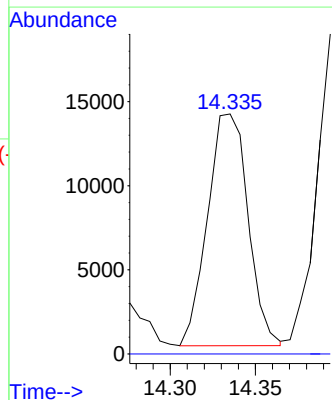
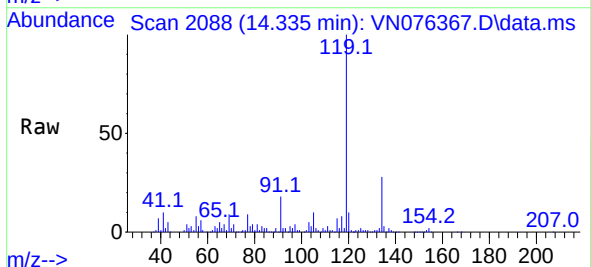
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

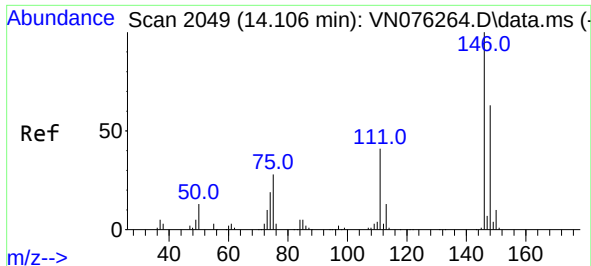
Tgt Ion: 91 Resp: 104829
Ion Ratio Lower Upper
91 100
92 31.1 26.3 78.9
134 0.0 13.2 39.5#



#90
Hexachloroethane
Concen: 7.852 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

Tgt Ion: 117 Resp: 22766
Ion Ratio Lower Upper
117 100
201 0.0 37.3 111.9#





#91

1,2-Dichlorobenzene

Concen: 0.205 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076367.D

Acq: 23 Jan 2023 15:25

Instrument :

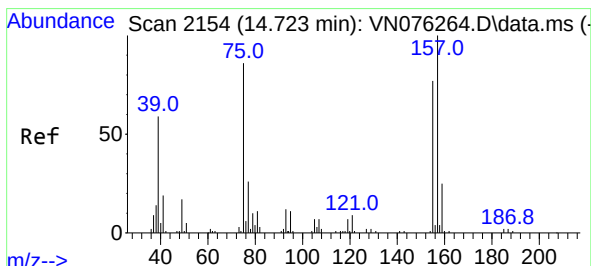
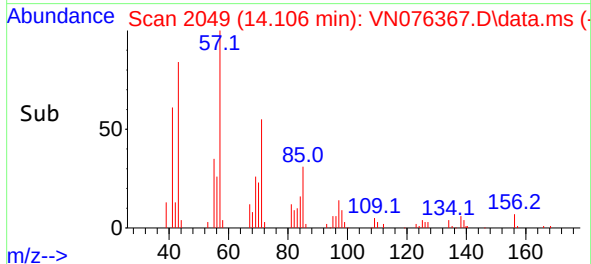
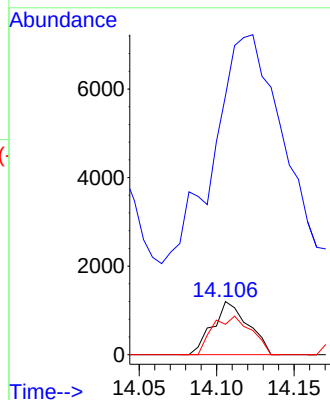
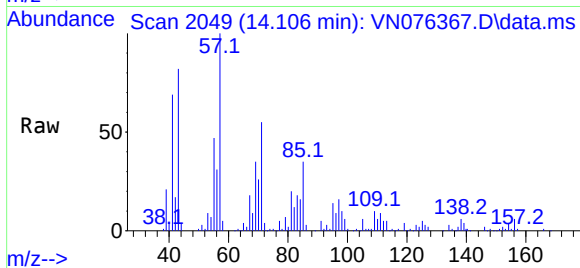
MSVOA_N

ClientSampleId :

B-P38CDL

Tgt Ion:146 Resp: 1906

Ion	Ratio	Lower	Upper
146	100		
111	1064.0	20.3	60.8#
148	79.4	31.8	95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.883 ug/l

RT: 14.729 min Scan# 2155

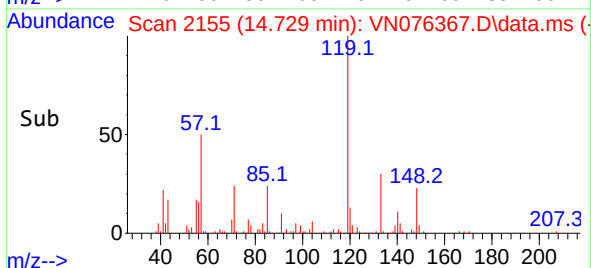
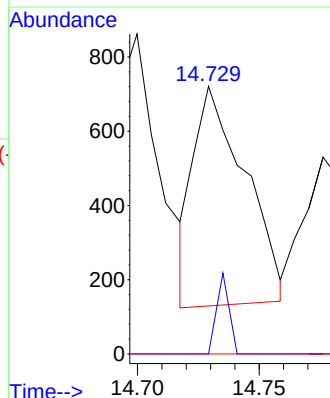
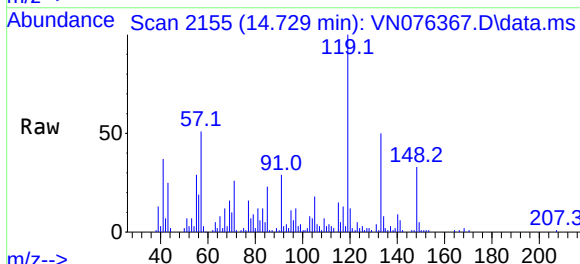
Delta R.T. 0.006 min

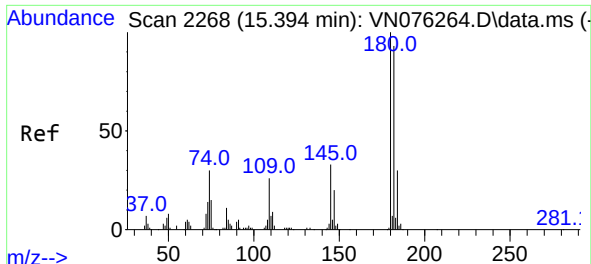
Lab File: VN076367.D

Acq: 23 Jan 2023 15:25

Tgt Ion: 75 Resp: 872

Ion	Ratio	Lower	Upper
75	100		
155	8.8	45.0	135.0#
157	0.0	58.3	174.9#

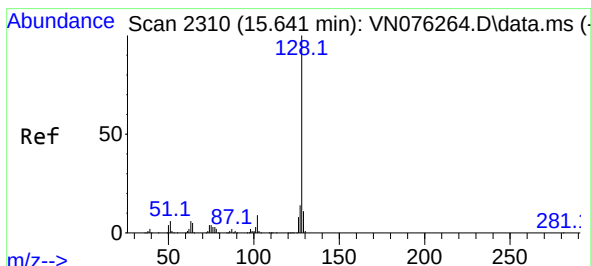
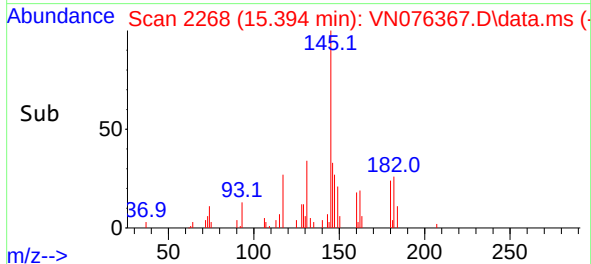
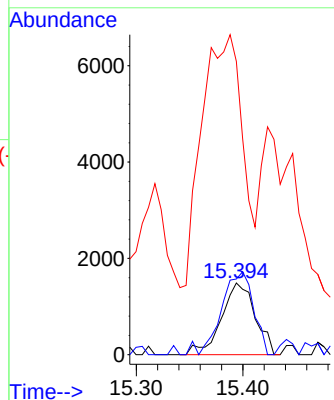
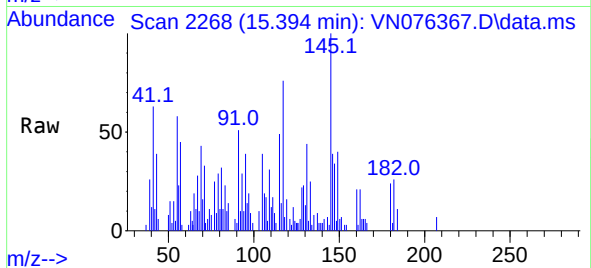




#93
1,2,4-Trichlorobenzene
Concen: 2.018 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

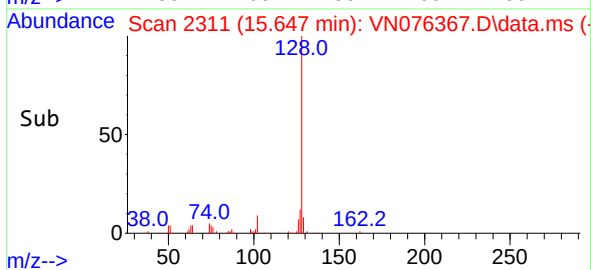
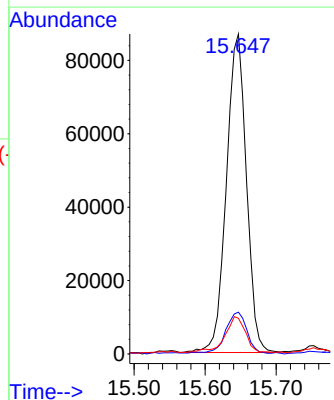
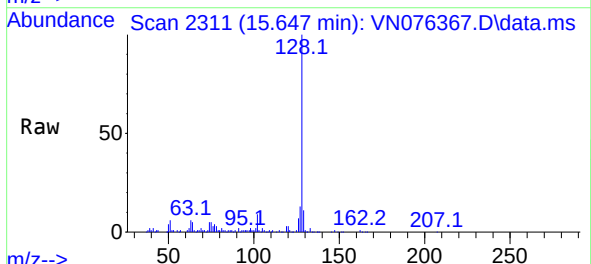
Instrument :
MSVOA_N
ClientSampleId :
B-P38CDL

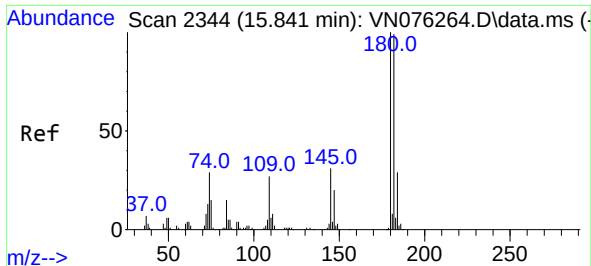
Tgt Ion:180 Resp: 3279
Ion Ratio Lower Upper
180 100
182 110.2 47.0 141.2
145 607.0 15.2 45.5#



#95
Naphthalene
Concen: 14.183 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076367.D
Acq: 23 Jan 2023 15:25

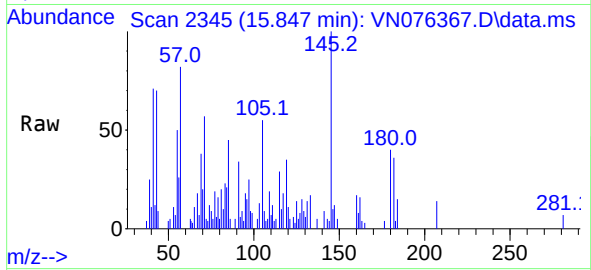
Tgt Ion:128 Resp: 170073
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 12.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.963 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076367.D
 Acq: 23 Jan 2023 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 B-P38CDL



Tgt Ion:	180	Resp:	3539
Ion	Ratio	Lower	Upper
180	100		
182	103.1	47.5	142.5
145	245.7	15.9	47.6#

