

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077394.D
 Acq On : 20 Apr 2023 12:44
 Operator : JC\MD
 Sample : PB152199ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#16

Quant Time: Apr 21 02:39:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	517422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	967866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	895883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	309302	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	323695	45.773	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.540%
35) Dibromofluoromethane	8.172	113	290054	46.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	10.572	98	1182381	47.403	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.800%
62) 4-Bromofluorobenzene	12.854	95	367582	44.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.620%

Target Compounds				Qvalue		
5) Bromomethane	2.984	94	4491	0.558	ug/l #	46
11) Tert butyl alcohol	5.548	59	368	0.255	ug/l #	72
15) Acrylonitrile	5.731	53	825	0.259	ug/l #	18
16) Acetone	4.454	43	36112	13.850	ug/l	91
18) Methyl Acetate	5.048	43	6304	0.635	ug/l #	76
20) Methylene Chloride	5.284	84	37586	5.104	ug/l	93
25) 2-Butanone	7.495	43	2925	0.691	ug/l #	61
29) Tetrahydrofuran	7.860	42	1219	0.448	ug/l #	61
31) Cyclohexane	8.231	56	12843	1.169	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	45267	4.940	ug/l #	50
37) Ethyl Acetate	7.566	43	92902	11.331	ug/l	97
38) Carbon Tetrachloride	8.231	117	57274	6.100	ug/l #	15
42) 1,2-Dichloroethane	8.689	62	3251	0.370	ug/l #	73
43) Isopropyl Acetate	8.695	43	429624	28.397	ug/l #	92
48) Methyl methacrylate	9.672	41	9917	1.537	ug/l #	6
49) 1,4-Dioxane	9.689	88	66	0.422	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	30571	3.496	ug/l #	70
54) cis-1,3-Dichloropropene	10.360	75	195803	16.559	ug/l #	62
57) 1,3-Dichloropropane	11.207	76	24187	1.993	ug/l #	42
59) 2-Hexanone	11.172	43	339055	52.042	ug/l #	20
68) m/p-Xylenes	12.072	106	3165	0.221	ug/l	98
74) N-amyl acetate	12.501	43	4655	0.409	ug/l #	88
76) 1,2,3-Trichloropropane	12.854	75	198492	26.950	ug/l #	1
77) Bromobenzene	12.977	156	1292	0.212	ug/l	58
80) 1,3,5-Trimethylbenzene	13.177	105	6022	0.251	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.854	75	198492	60.645	ug/l #	13
82) 4-Chlorotoluene	13.230	91	5290	0.281	ug/l	89
87) 1,3-Dichlorobenzene	13.748	146	3078	0.272	ug/l	75
88) 1,4-Dichlorobenzene	13.748	146	3078	0.276	ug/l	72
89) n-Butylbenzene	14.060	91	4943	0.255	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	3747	0.331	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.730	75	663	0.371	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.371	180	3260	0.799	ug/l	90
94) Hexachlorobutadiene	15.465	225	668	0.283	ug/l #	56
95) Naphthalene	15.595	128	13053	0.851	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.754	180	3338	0.855	ug/l	73

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QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

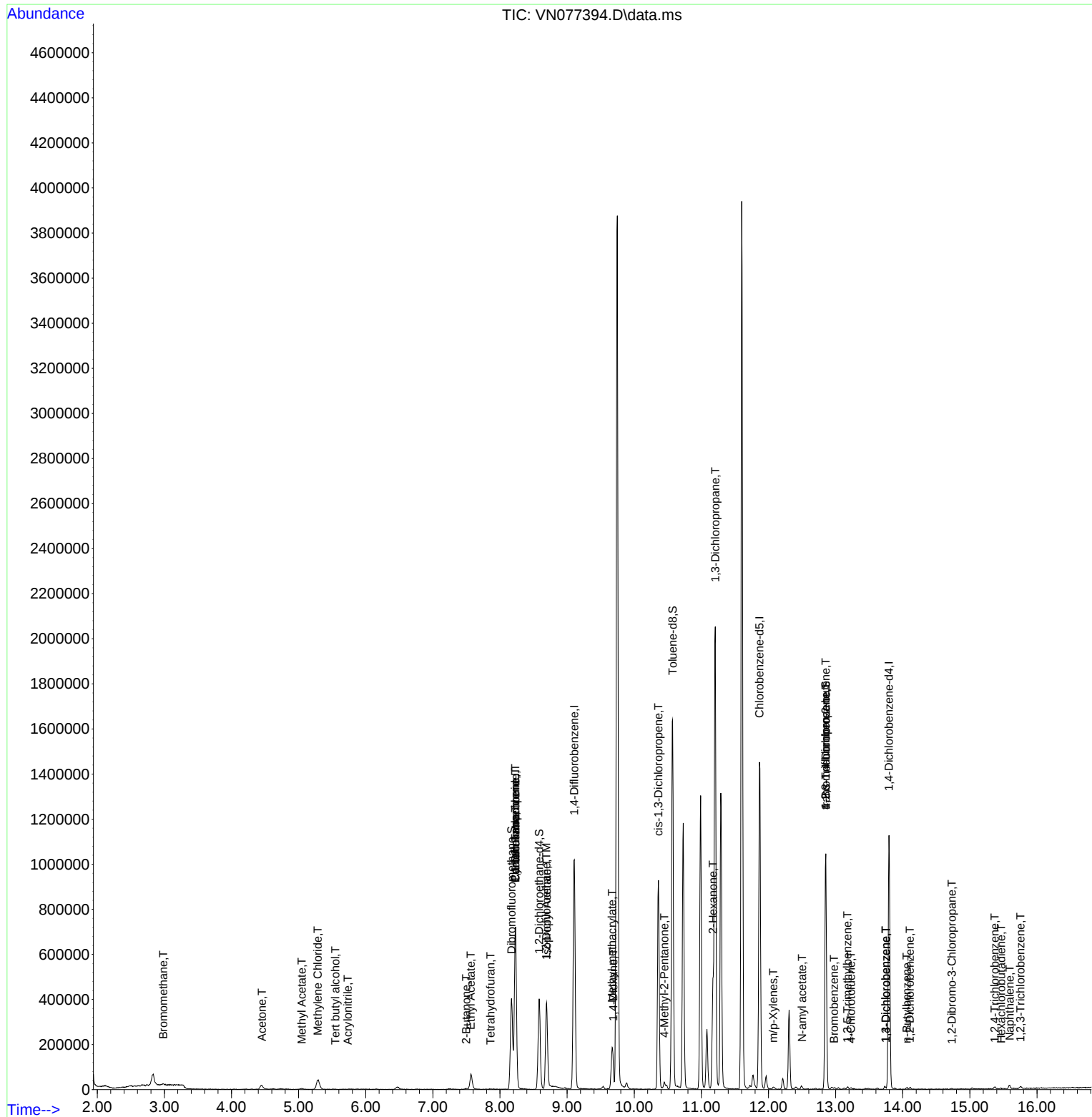
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

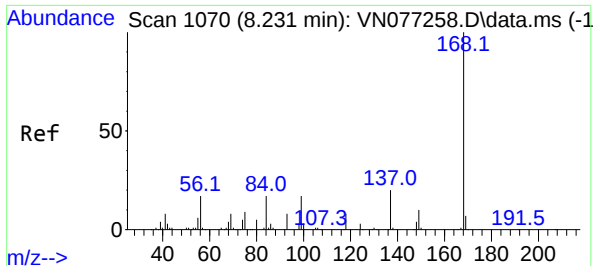
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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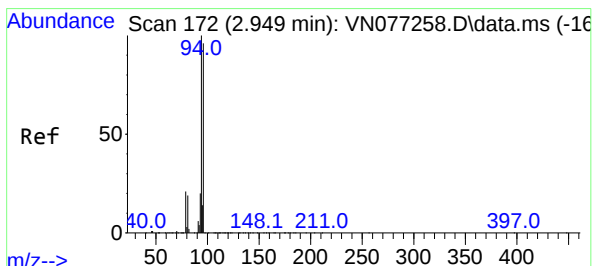
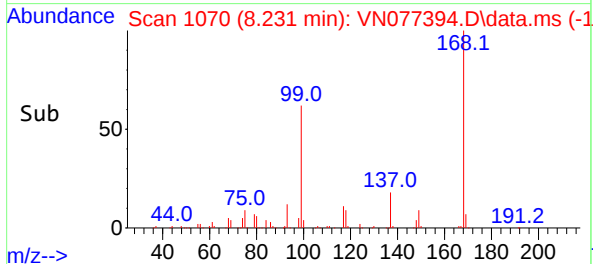
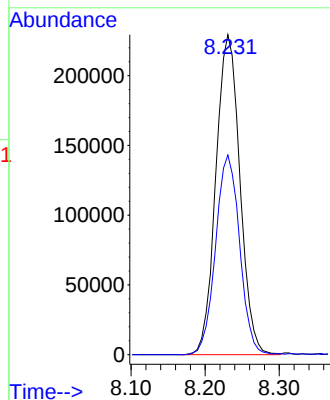
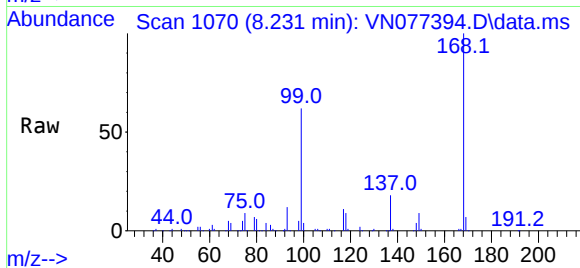




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

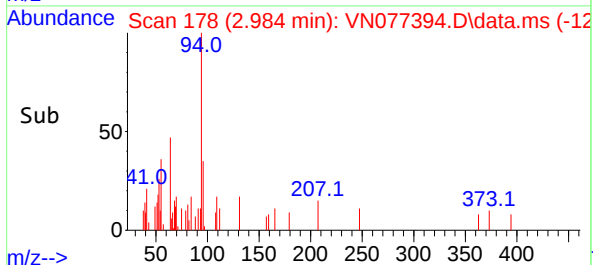
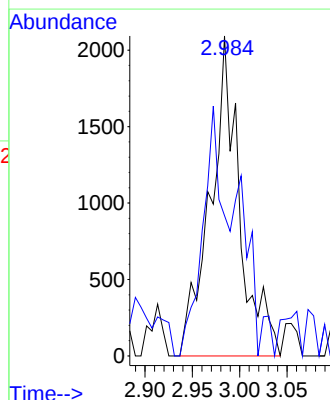
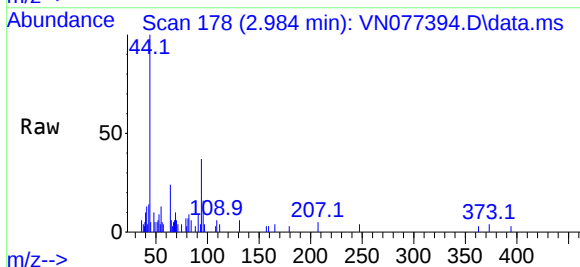
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

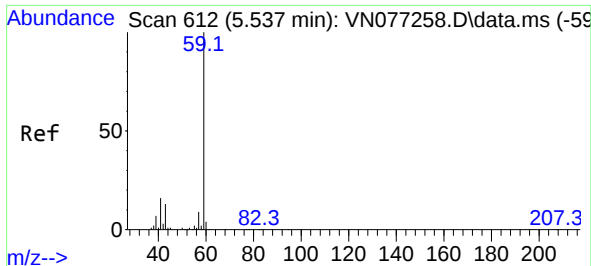
Tgt Ion:168 Resp: 517422
Ion Ratio Lower Upper
168 100
99 62.4 50.6 75.8



#5
Bromomethane
Concen: 0.558 ug/l
RT: 2.984 min Scan# 178
Delta R.T. 0.035 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 94 Resp: 4491
Ion Ratio Lower Upper
94 100
96 43.9 77.0 115.4#

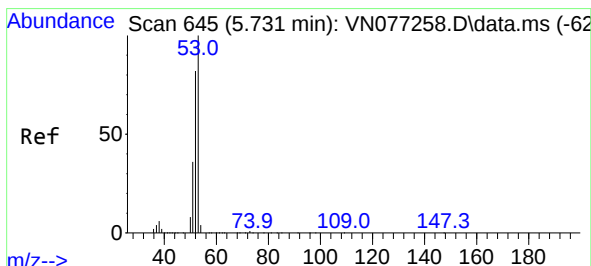
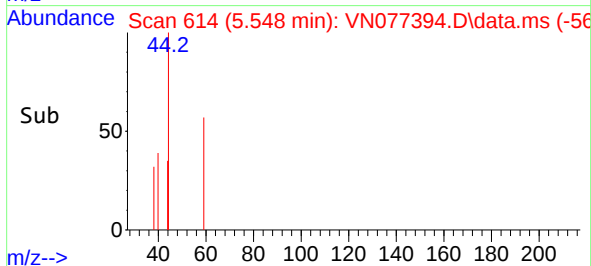
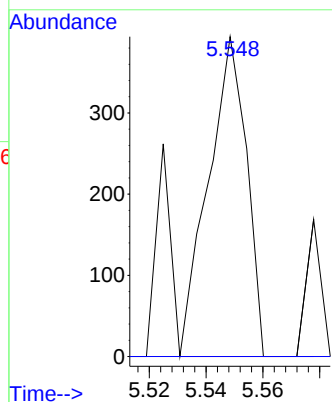
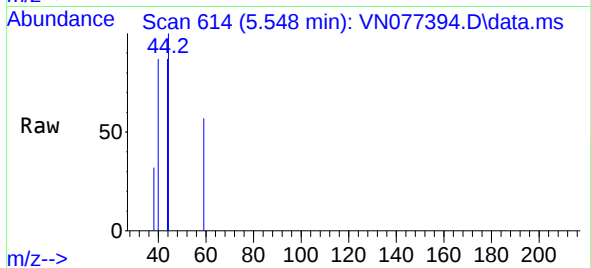




#11
Tert butyl alcohol
Concen: 0.255 ug/l
RT: 5.548 min Scan# 612
Delta R.T. 0.011 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

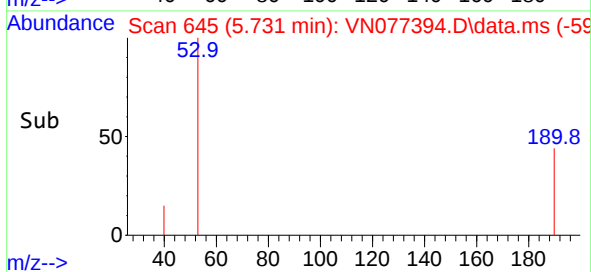
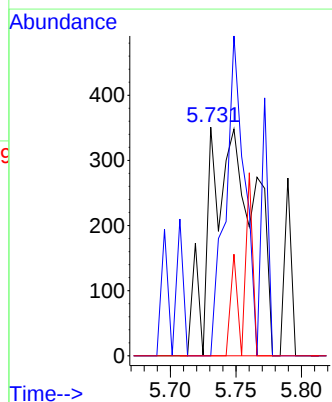
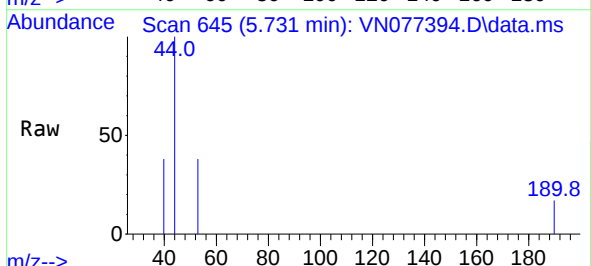
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

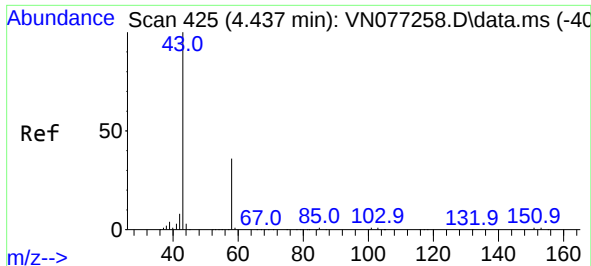
Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#15
Acrylonitrile
Concen: 0.259 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 53 Resp: 825
Ion Ratio Lower Upper
53 100
52 0.0 65.2 97.8#
51 0.0 28.1 42.1#

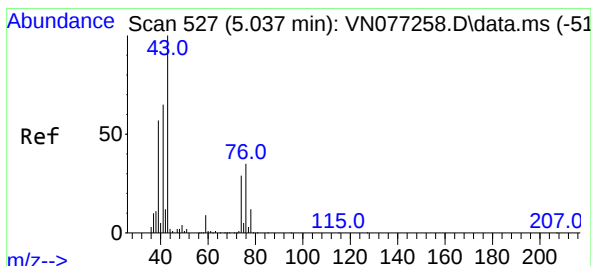
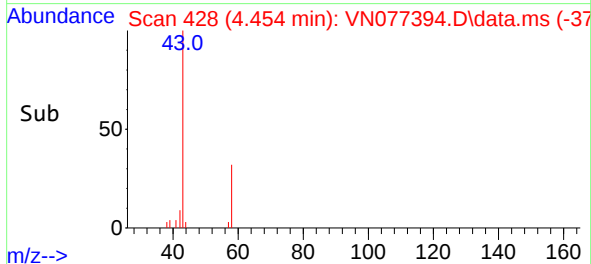
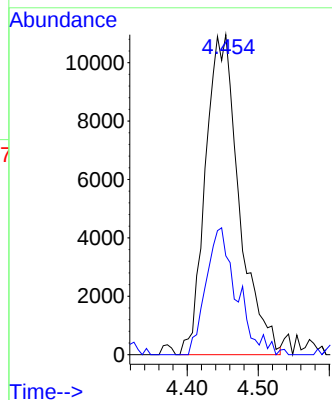
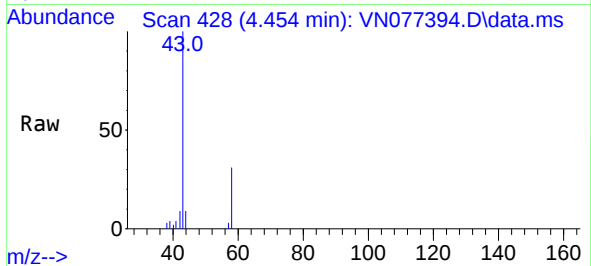




#16
Acetone
Concen: 13.850 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

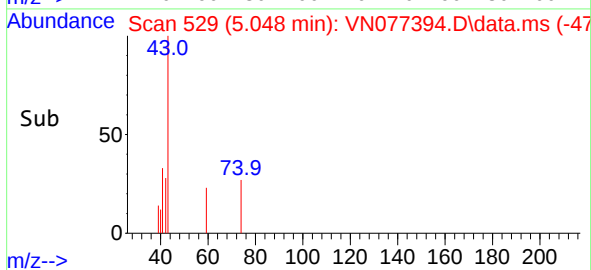
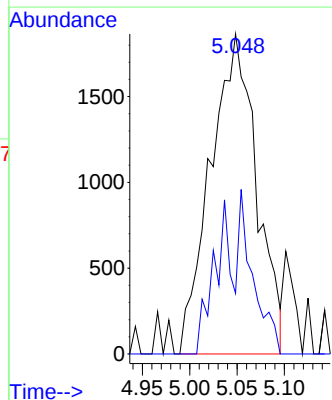
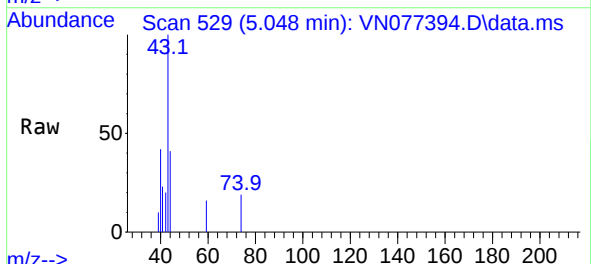
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

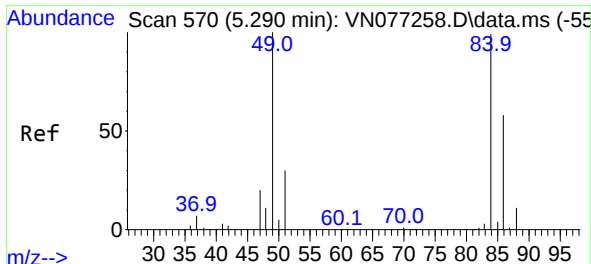
Tgt Ion: 43 Resp: 36112
Ion Ratio Lower Upper
43 100
58 30.9 29.0 43.6



#18
Methyl Acetate
Concen: 0.635 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 43 Resp: 6304
Ion Ratio Lower Upper
43 100
74 16.2 23.4 35.2#



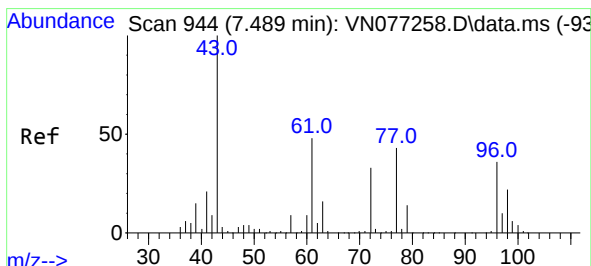
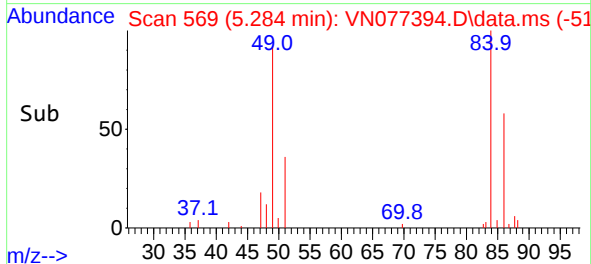
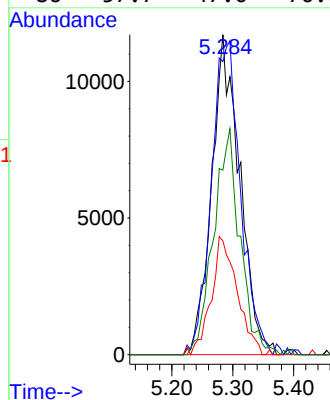
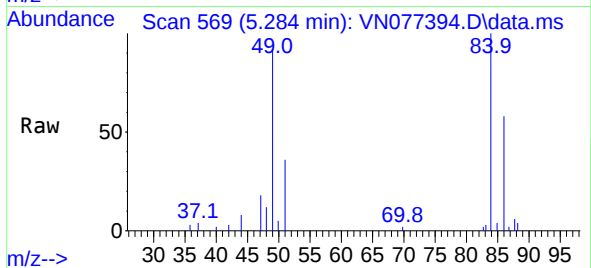


#20
Methylene Chloride
Concen: 5.104 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

Tgt Ion: 84 Resp: 37586

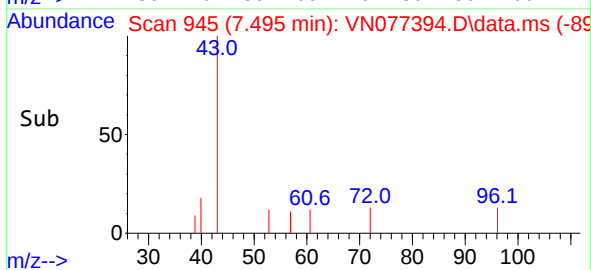
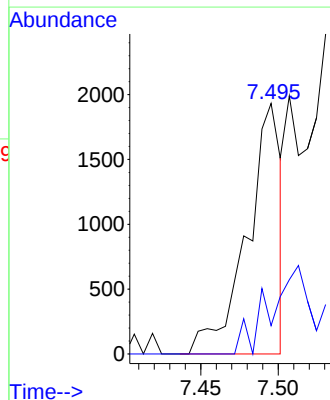
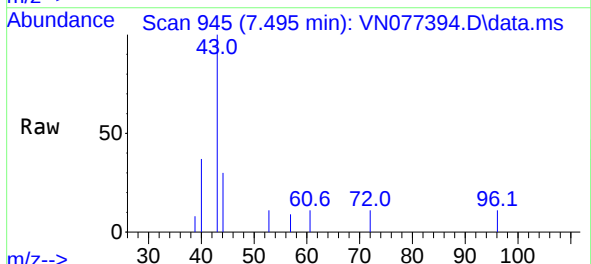
Ion	Ratio	Lower	Upper
84	100		
49	91.6	80.6	121.0
51	35.6	24.4	36.6
86	57.7	47.0	70.6

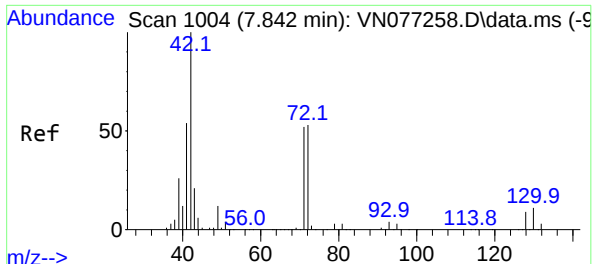


#25
2-Butanone
Concen: 0.691 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 43 Resp: 2925

Ion	Ratio	Lower	Upper
43	100		
72	11.3	26.6	39.8#

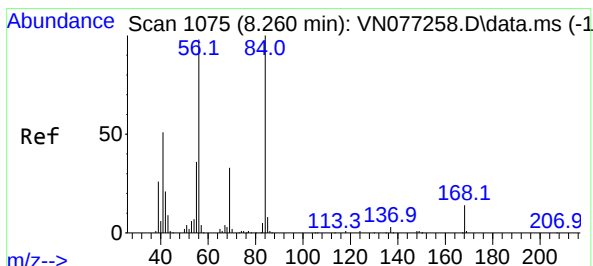
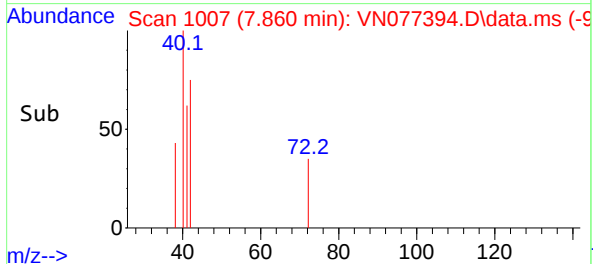
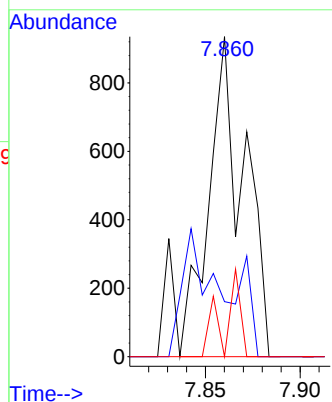
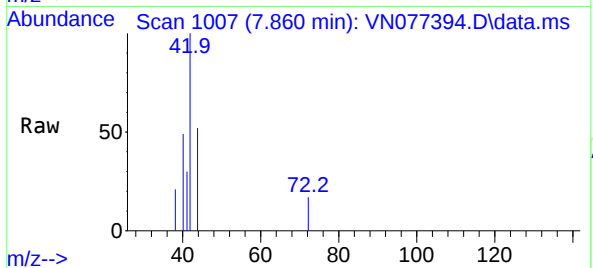




#29
Tetrahydrofuran
Concen: 0.448 ug/l
RT: 7.860 min Scan# 10
Delta R.T. 0.018 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

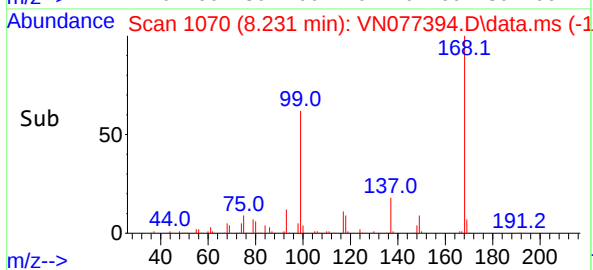
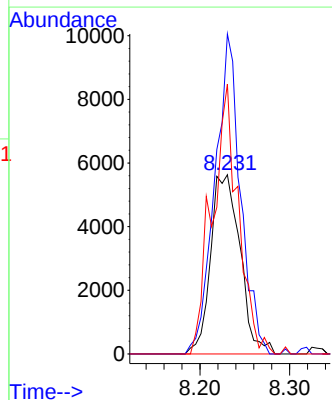
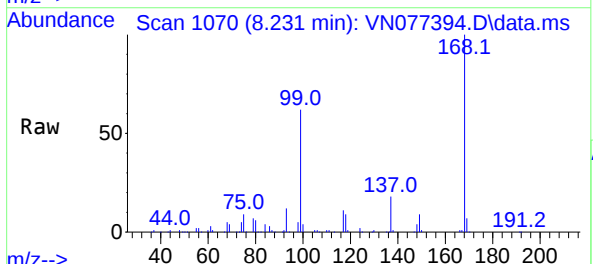
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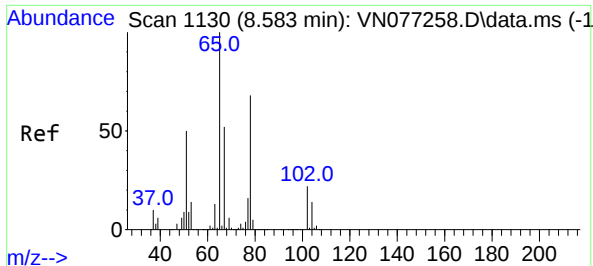
Tgt Ion:	42	Resp:	1219
Ion	Ratio	Lower	Upper
42	100		
72	45.9	44.6	66.8
71	5.1	41.3	61.9#



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion:	56	Resp:	12843
Ion	Ratio	Lower	Upper
56	100		
69	178.5	26.6	40.0#
84	150.5	81.8	122.8#

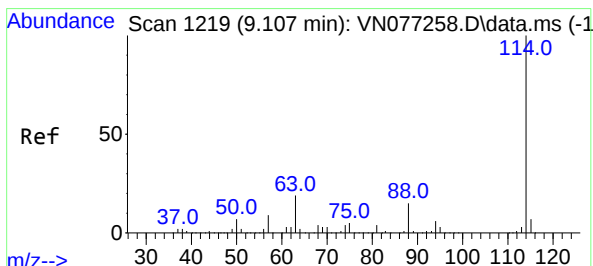
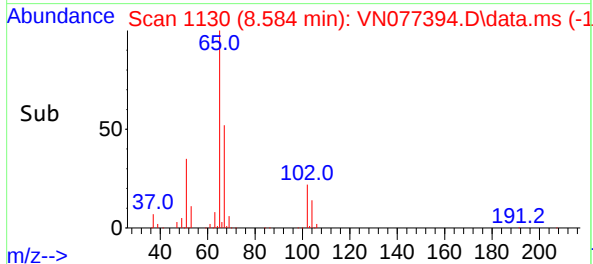
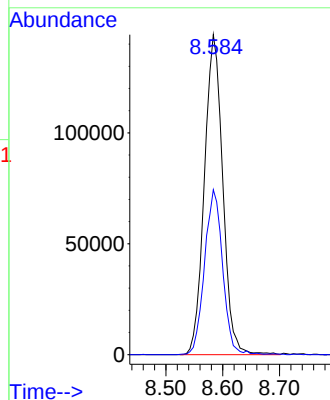
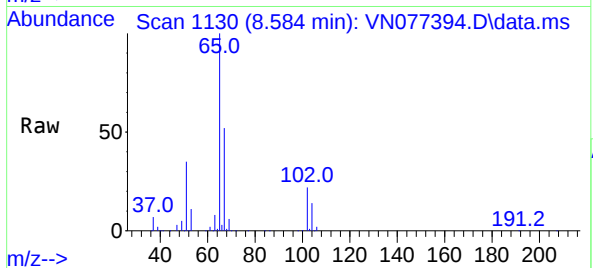




#33
 1,2-Dichloroethane-d4
 Concen: 45.773 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. 0.001 min
 Lab File: VN077394.D
 Acq: 20 Apr 2023 12:44

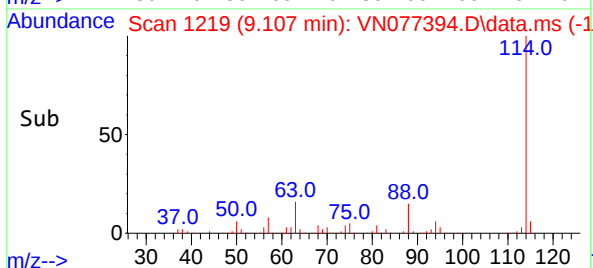
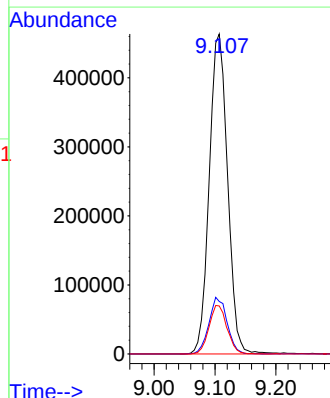
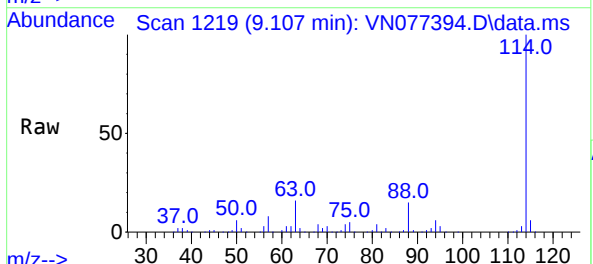
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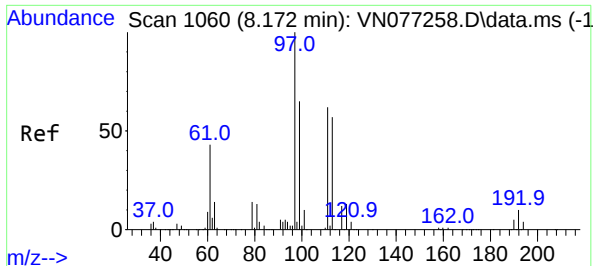
Tgt Ion: 65 Resp: 323695
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN077394.D
 Acq: 20 Apr 2023 12:44

Tgt Ion: 114 Resp: 967866
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 37.8
 88 15.0 0.0 29.4

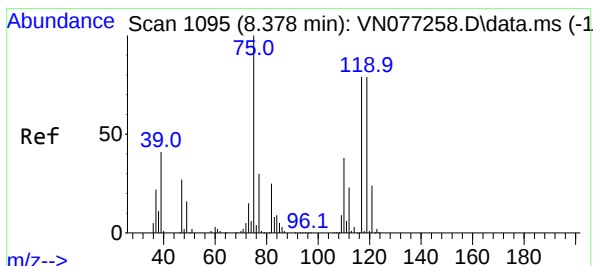
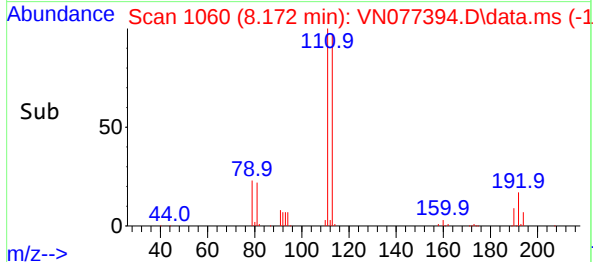
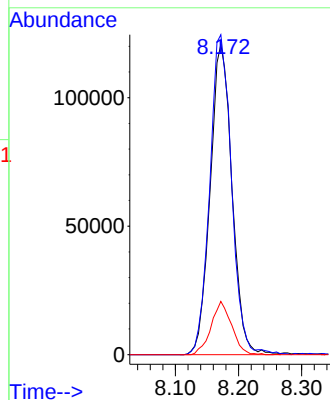
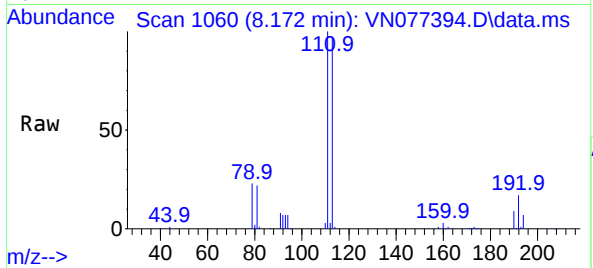




#35
Dibromofluoromethane
Concen: 46.813 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

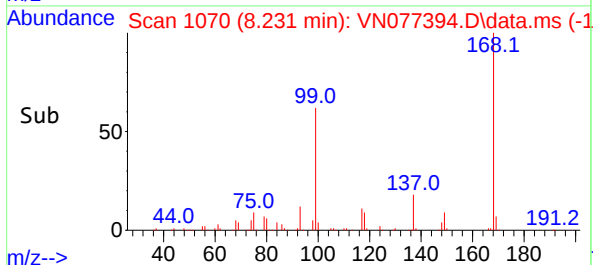
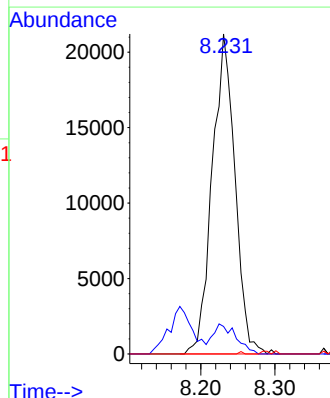
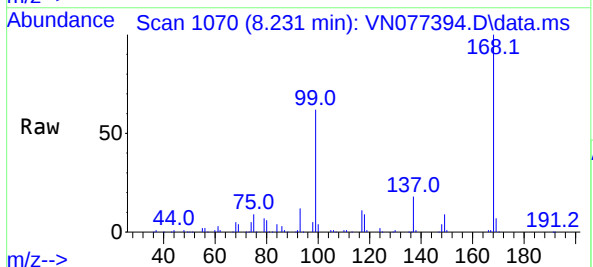
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

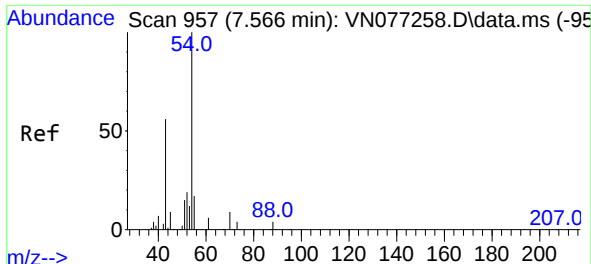
Tgt Ion:113 Resp: 290054
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 16.2 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 75 Resp: 45267
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 25.0 37.4#

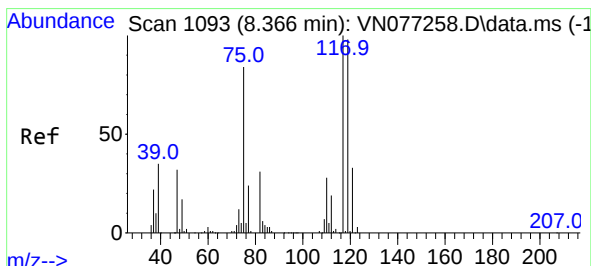
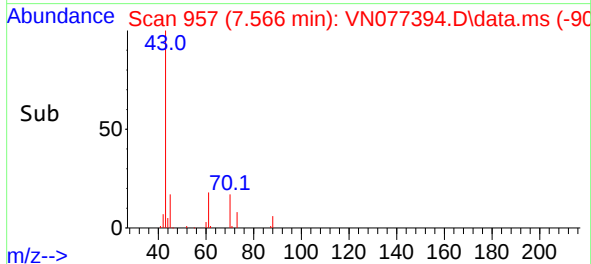
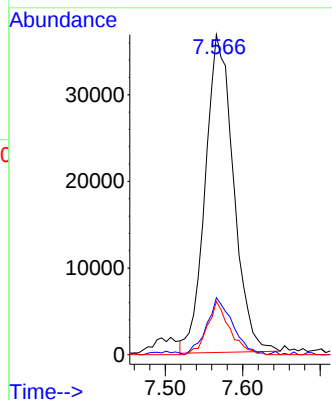
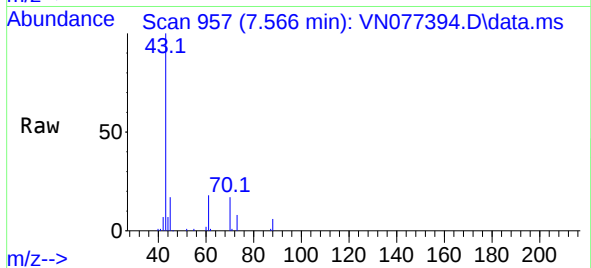




#37
Ethyl Acetate
Concen: 11.331 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

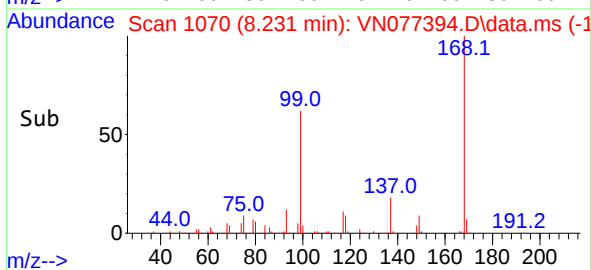
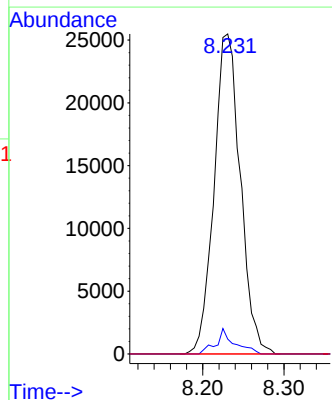
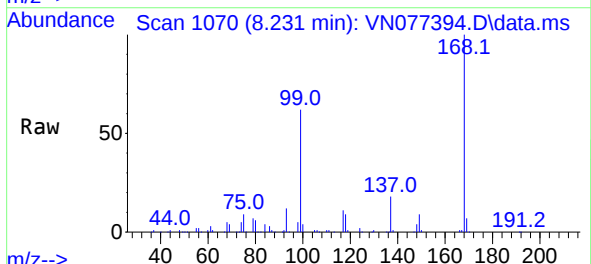
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

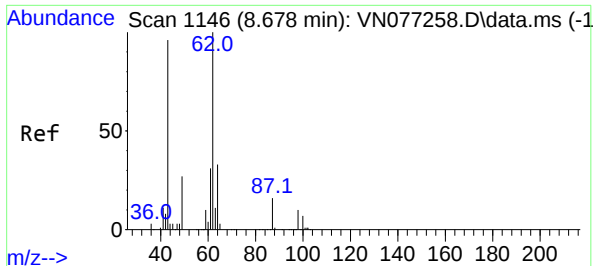
Tgt Ion:	43	Resp:	92902
Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.2	18.2
70	13.4	10.0	15.0



#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion:	117	Resp:	57274
Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.5	117.7#
121	0.0	26.6	40.0#





#42

1,2-Dichloroethane

Concen: 0.370 ug/l

RT: 8.689 min Scan# 1146

Delta R.T. 0.011 min

Lab File: VN077394.D

Acq: 20 Apr 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

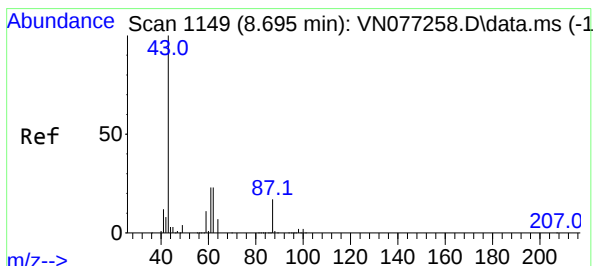
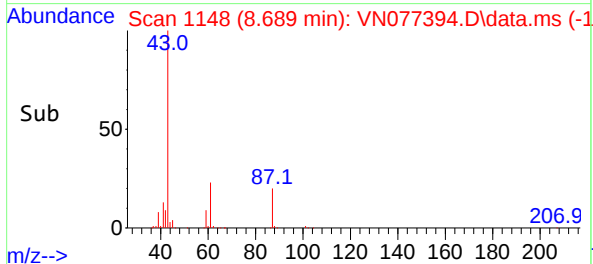
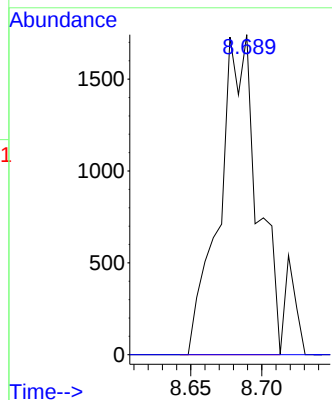
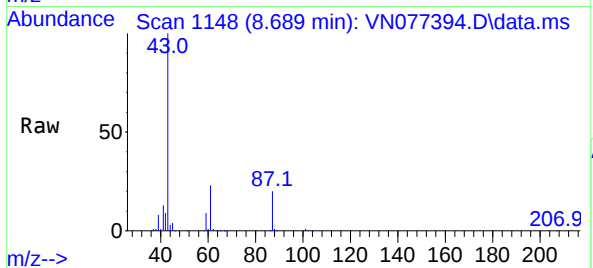
PB152199ZHE#16

Tgt Ion: 62 Resp: 3251

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 28.397 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077394.D

Acq: 20 Apr 2023 12:44

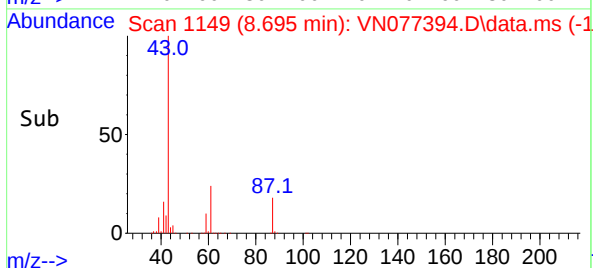
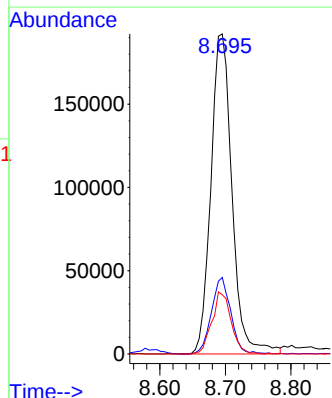
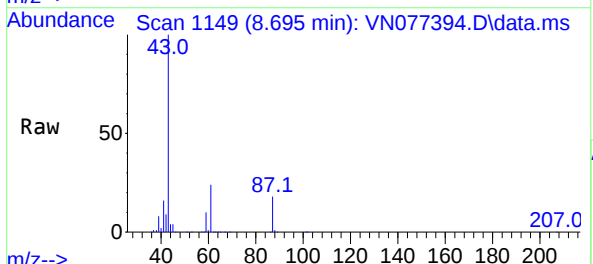
Tgt Ion: 43 Resp: 429624

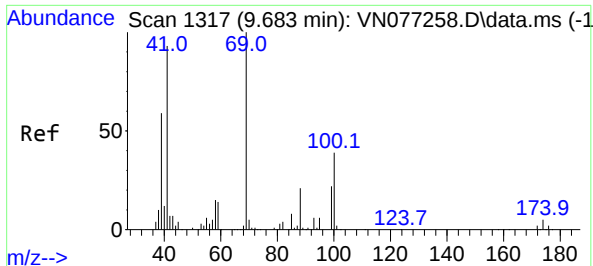
Ion Ratio Lower Upper

43 100

61 21.9 22.7 34.1#

87 17.6 13.6 20.4





#48

Methyl methacrylate

Concen: 1.537 ug/l

RT: 9.672 min Scan# 1

Delta R.T. -0.011 min

Lab File: VN077394.D

Acq: 20 Apr 2023 12:44

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#16

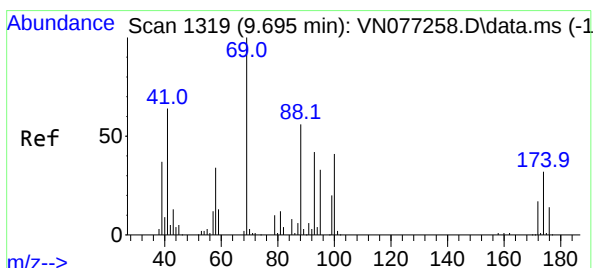
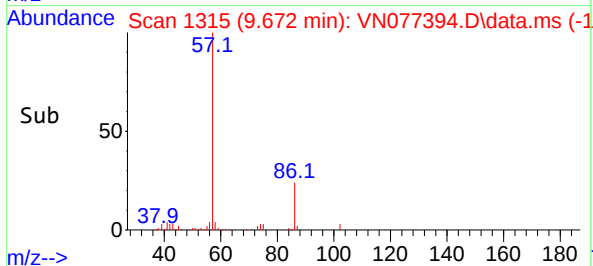
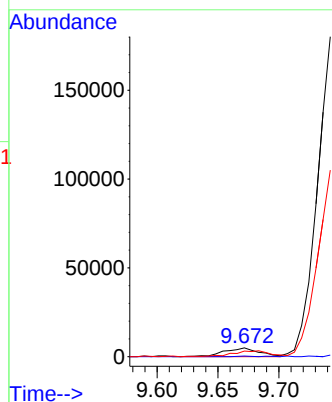
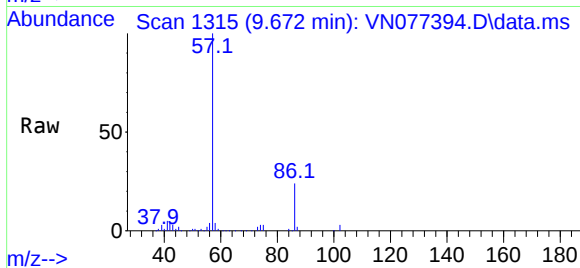
Tgt Ion: 41 Resp: 9917

Ion Ratio Lower Upper

41 100

69 2.7 85.0 127.6#

39 0.0 53.5 80.3#



#49

1,4-Dioxane

Concen: 0.422 ug/l

RT: 9.689 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN077394.D

Acq: 20 Apr 2023 12:44

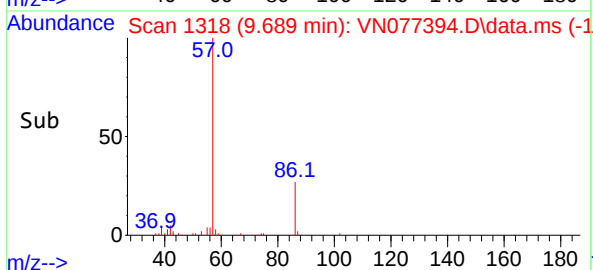
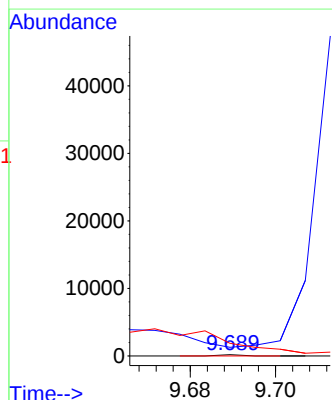
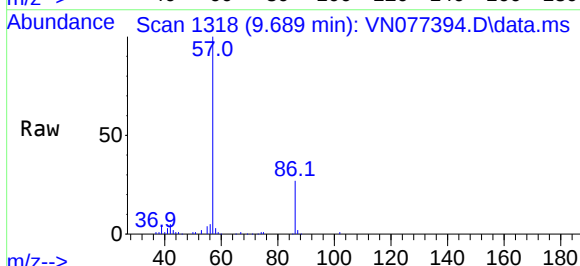
Tgt Ion: 88 Resp: 66

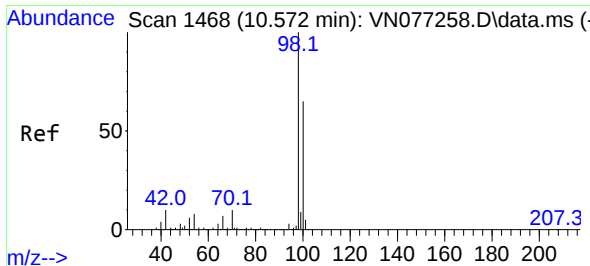
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 13347.0 49.8 74.6#

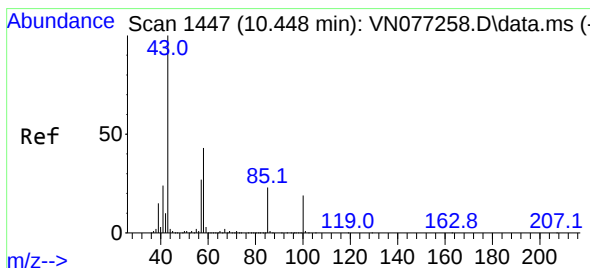
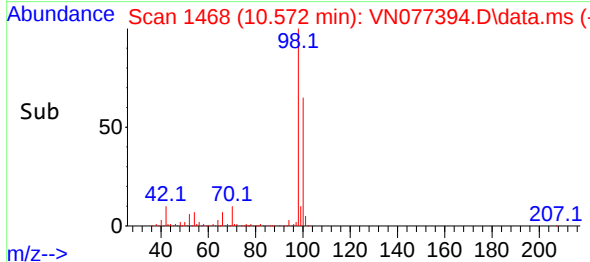
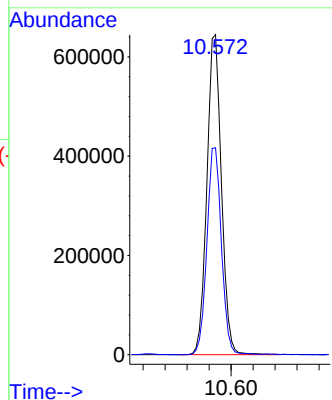
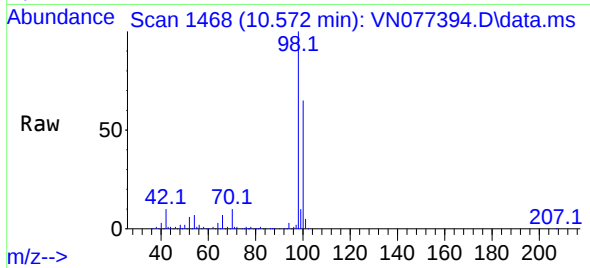




#50
Toluene-d8
Concen: 47.403 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

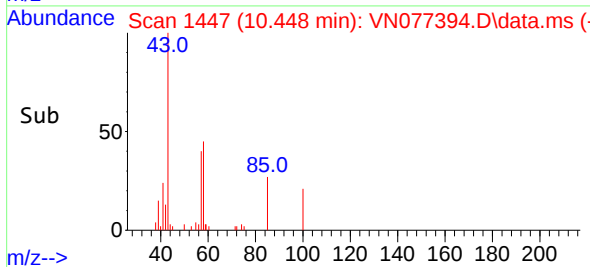
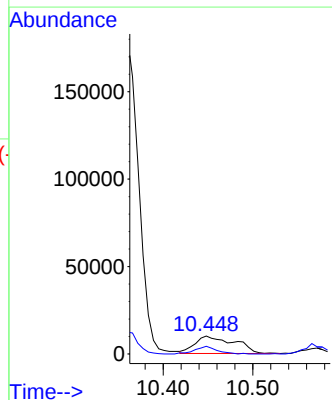
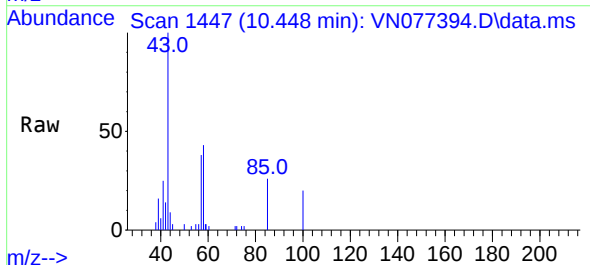
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

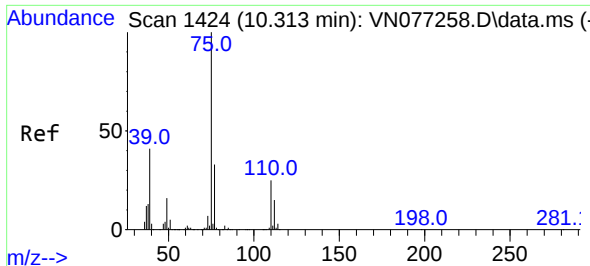
Tgt Ion: 98 Resp: 1182381
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 3.496 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 43 Resp: 30571
Ion Ratio Lower Upper
43 100
58 24.4 34.6 52.0#

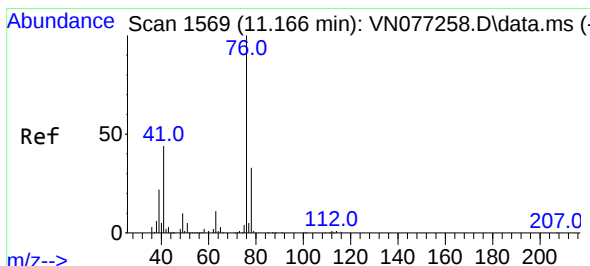
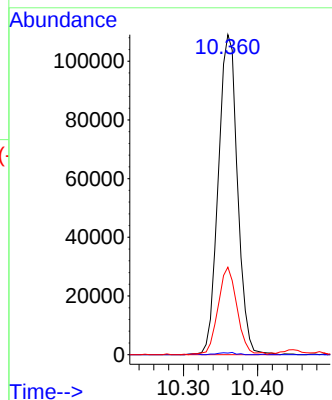
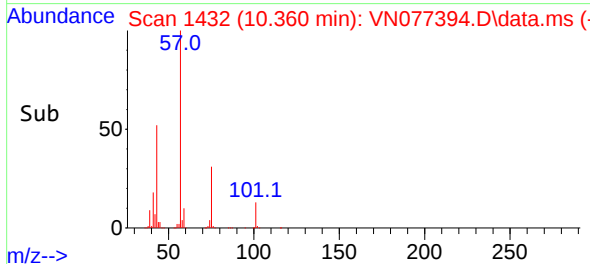
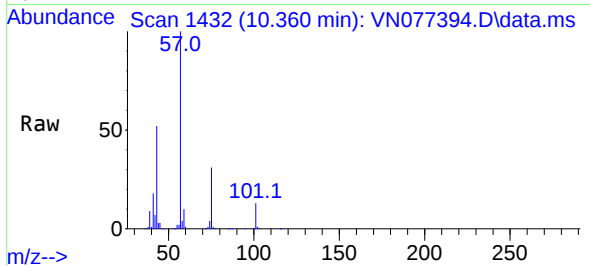




#54
cis-1,3-Dichloropropene
Concen: 16.559 ug/l
RT: 10.360 min Scan# 1424
Delta R.T. 0.047 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

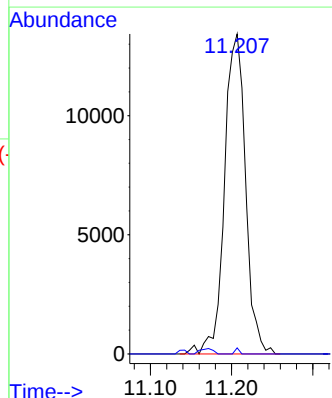
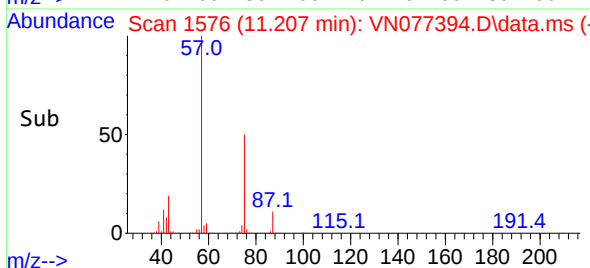
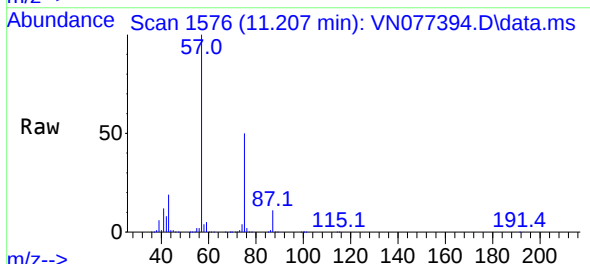
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

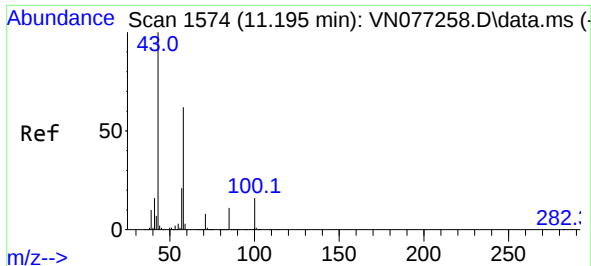
Tgt Ion: 75 Resp: 195803
Ion Ratio Lower Upper
75 100
77 0.5 26.7 40.1#
39 27.4 32.8 49.2#



#57
1,3-Dichloropropane
Concen: 1.993 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.041 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 76 Resp: 24187
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.4#

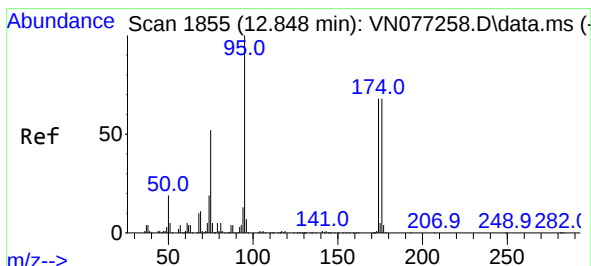
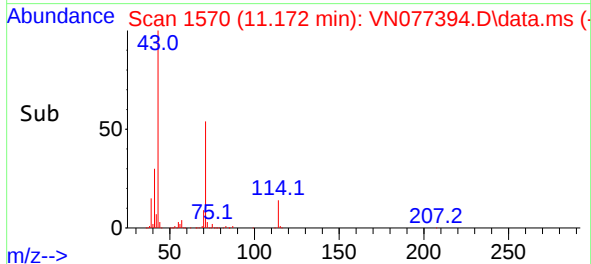
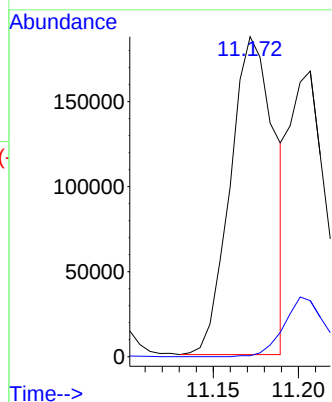
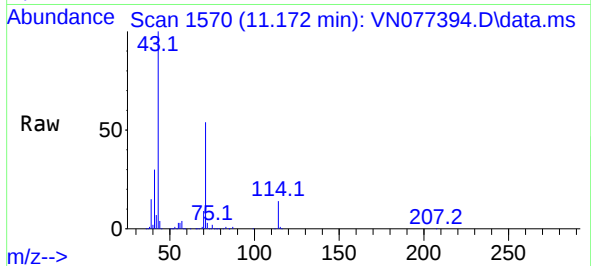




#59
2-Hexanone
Concen: 52.042 ug/l
RT: 11.172 min Scan# 11172
Delta R.T. -0.023 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

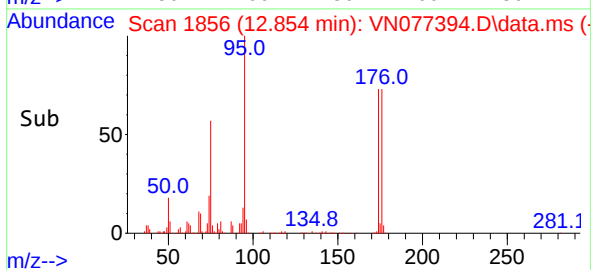
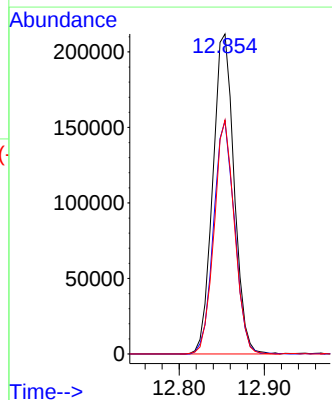
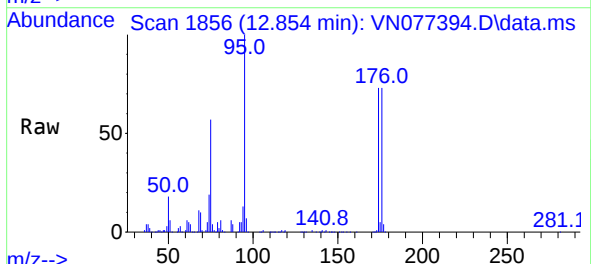
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

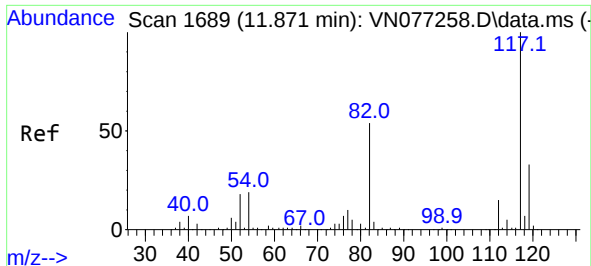
Tgt Ion: 43 Resp: 339055
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.5#



#62
4-Bromofluorobenzene
Concen: 44.310 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 95 Resp: 367582
Ion Ratio Lower Upper
95 100
174 71.9 0.0 146.8
176 70.1 0.0 139.6

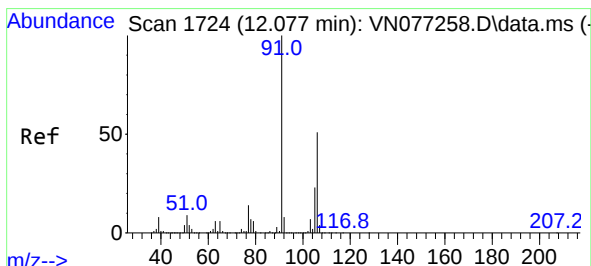
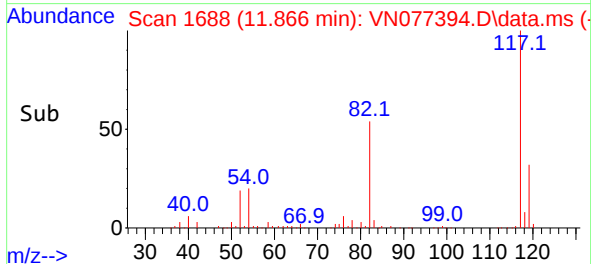
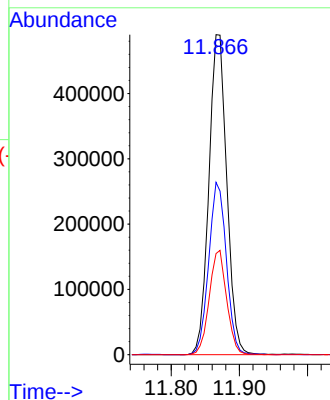
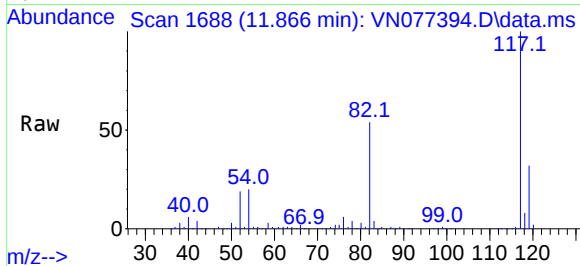




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

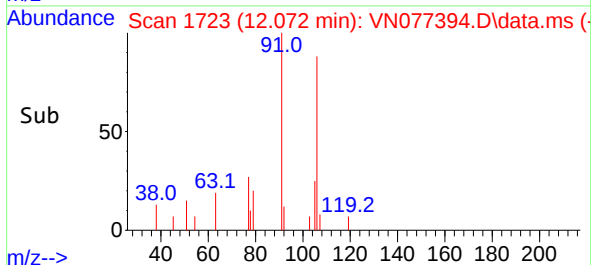
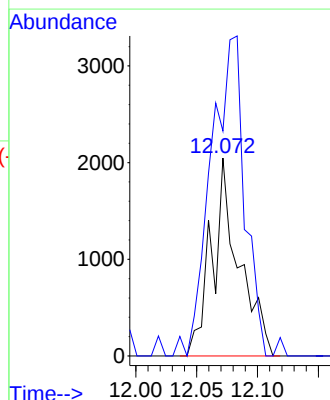
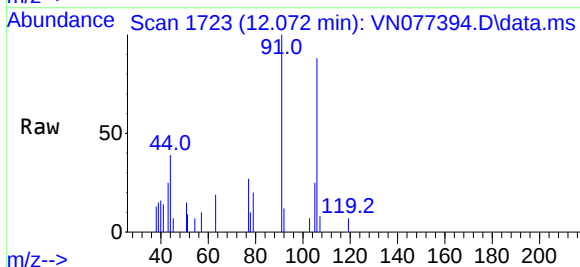
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

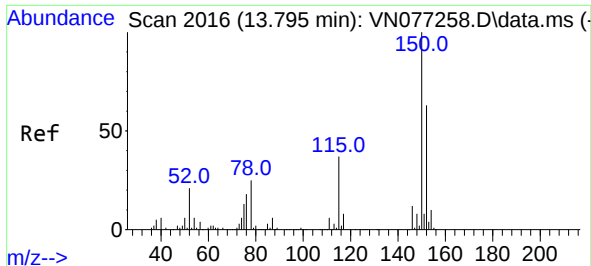
Tgt Ion:117 Resp: 895883
Ion Ratio Lower Upper
117 100
82 53.9 42.9 64.3
119 31.6 26.2 39.4



#68
m/p-Xylenes
Concen: 0.221 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

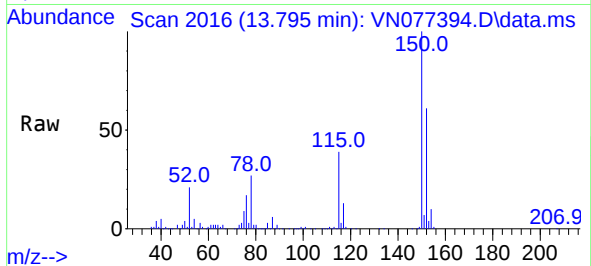
Tgt Ion:106 Resp: 3165
Ion Ratio Lower Upper
106 100
91 201.4 158.7 238.1



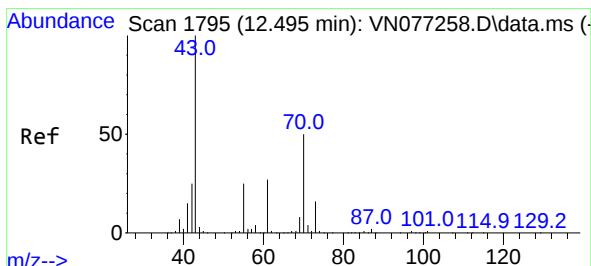
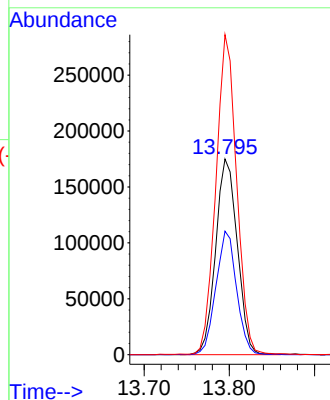
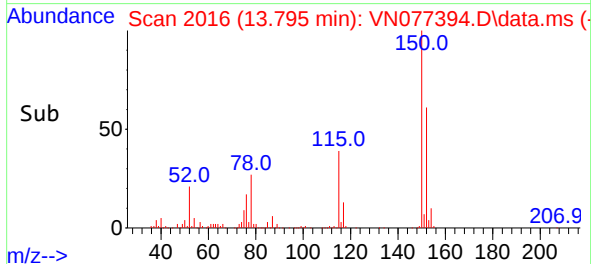


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

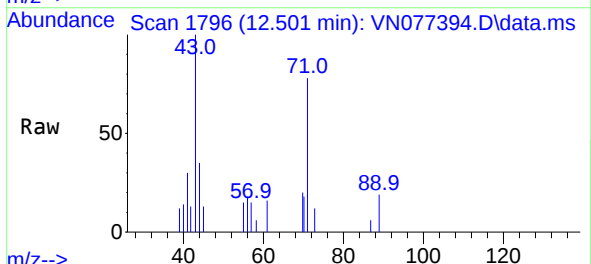
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16



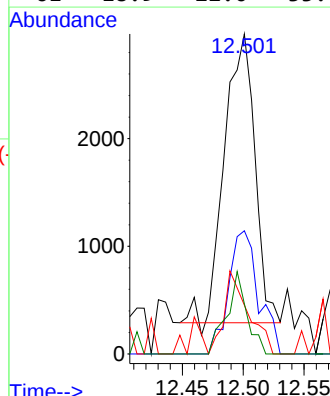
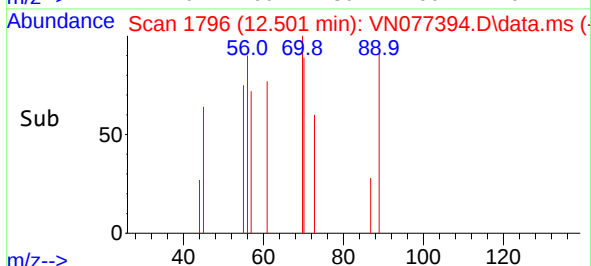
Tgt Ion:152 Resp: 309302
Ion Ratio Lower Upper
152 100
115 60.2 32.1 96.3
150 156.5 0.0 354.8

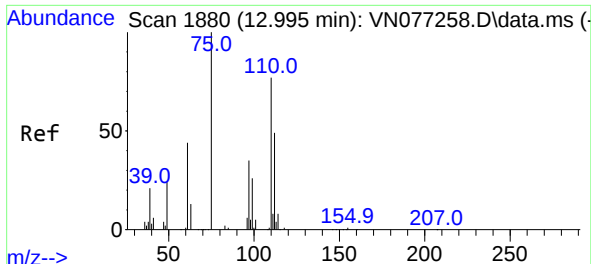


#74
N-ethyl acetate
Concen: 0.409 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44



Tgt Ion: 43 Resp: 4655
Ion Ratio Lower Upper
43 100
70 42.0 41.0 61.6
55 23.0 19.3 28.9
61 18.9 22.0 33.0#

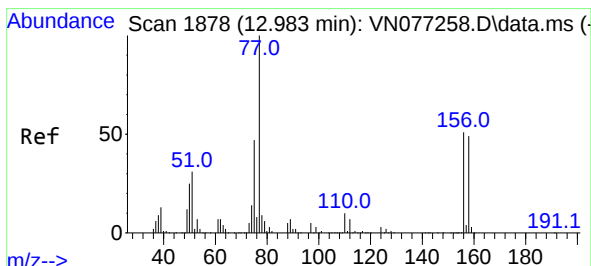
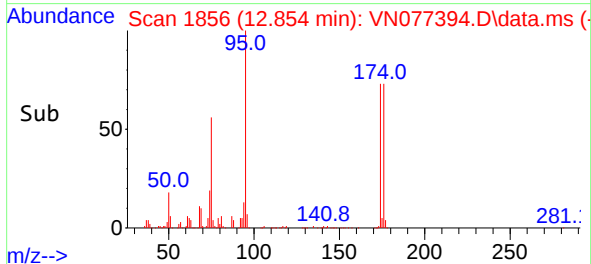
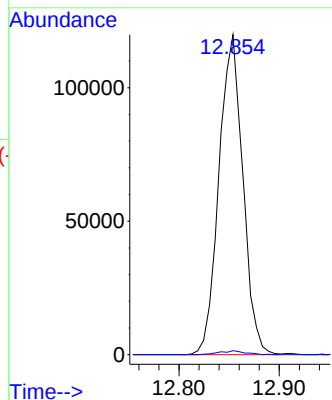
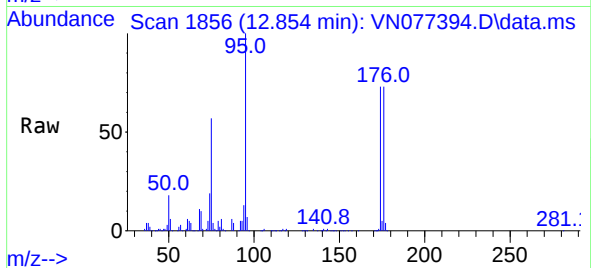




#76
1,2,3-Trichloropropane
Concen: 26.950 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

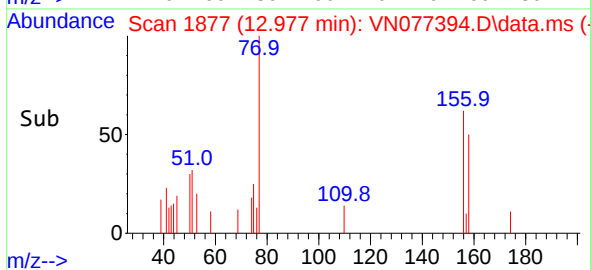
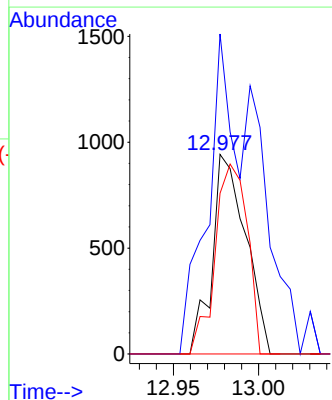
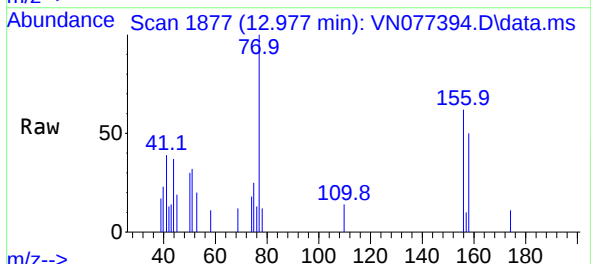
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

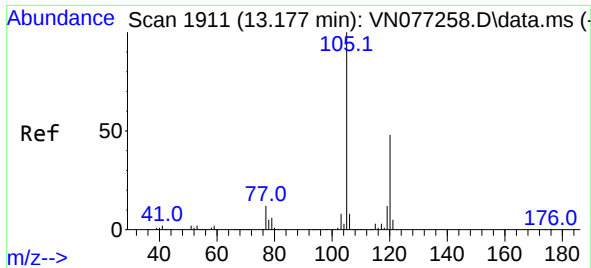
Tgt Ion: 75 Resp: 198492
Ion Ratio Lower Upper
75 100
77 1.3 88.3 264.9#



#77
Bromobenzene
Concen: 0.212 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 156 Resp: 1292
Ion Ratio Lower Upper
156 100
77 135.5 115.3 345.8
158 91.6 49.3 147.8

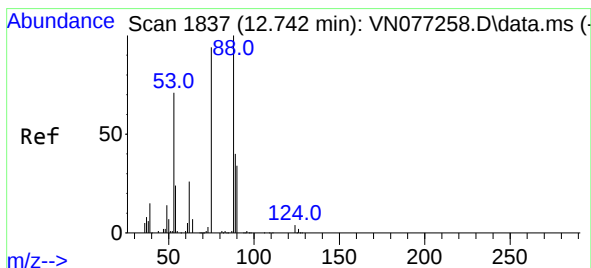
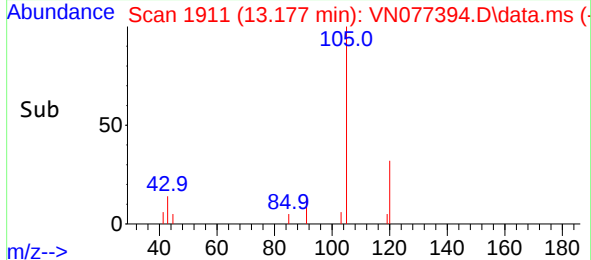
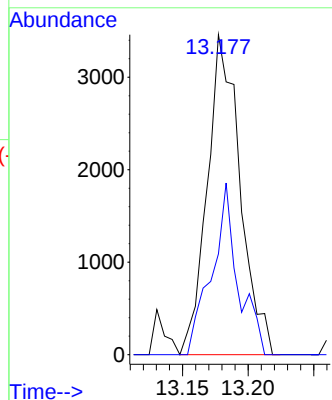
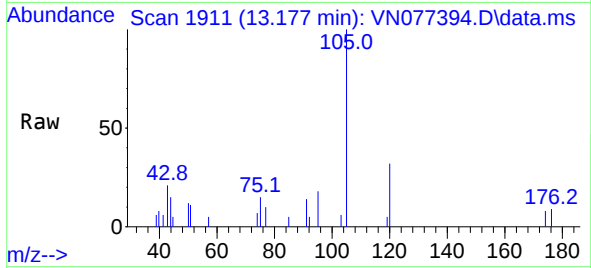




#80
1,3,5-Trimethylbenzene
Concen: 0.251 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

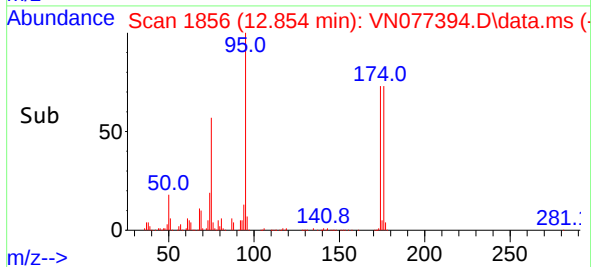
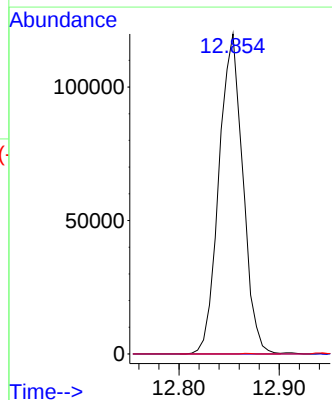
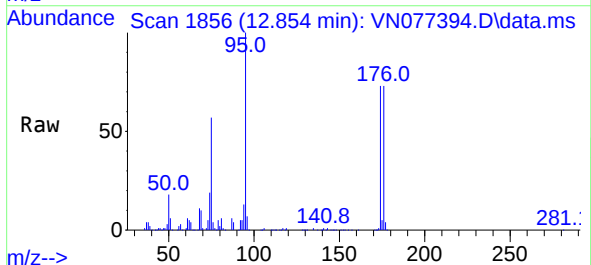
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

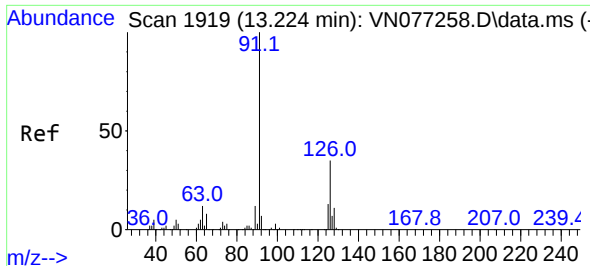
Tgt Ion:105 Resp: 6022
Ion Ratio Lower Upper
105 100
120 42.9 24.3 73.0



#81
trans-1,4-Dichloro-2-butene
Concen: 60.645 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 75 Resp: 198492
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.1 37.4 56.2#

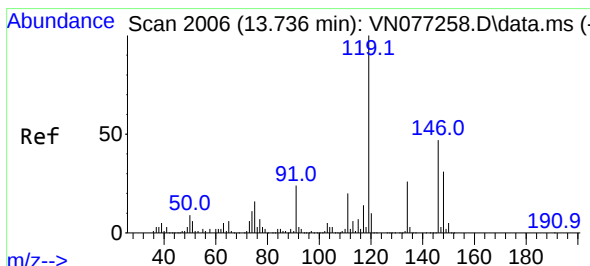
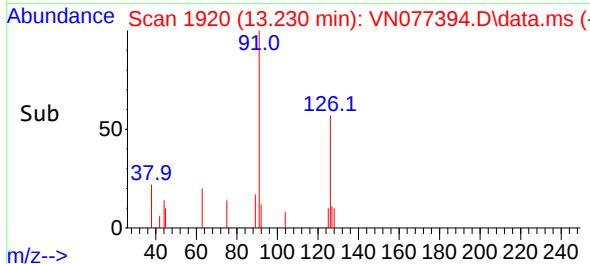
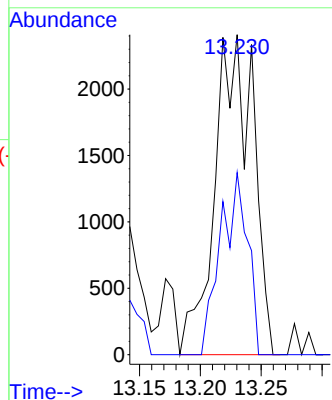
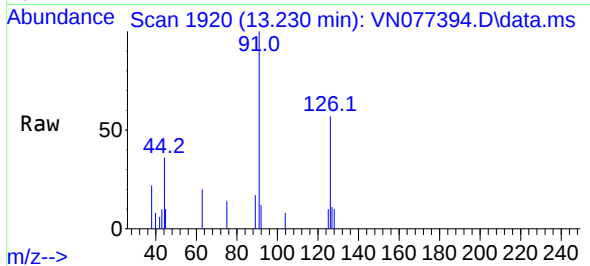




#82
4-Chlorotoluene
Concen: 0.281 ug/l
RT: 13.230 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

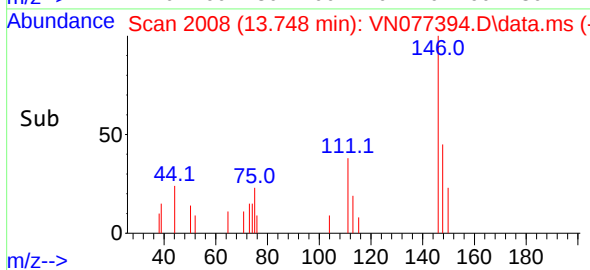
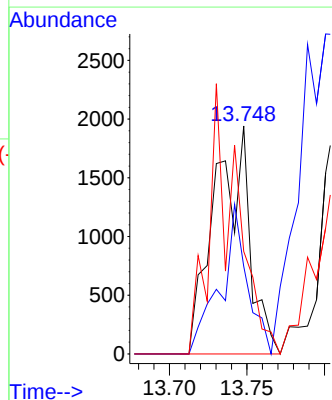
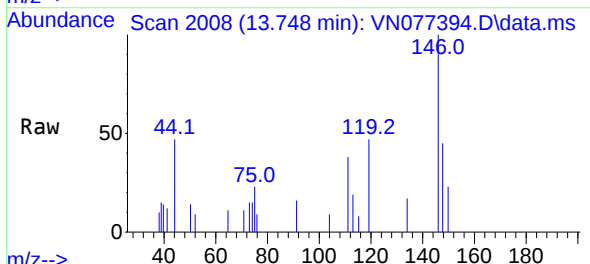
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

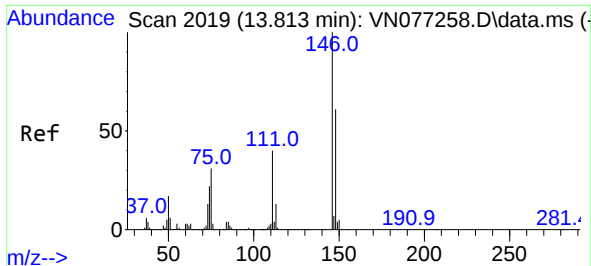
Tgt Ion: 91 Resp: 5290
Ion Ratio Lower Upper
91 100
126 40.0 16.9 50.7



#87
1,3-Dichlorobenzene
Concen: 0.272 ug/l
RT: 13.748 min Scan# 2008
Delta R.T. 0.012 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 146 Resp: 3078
Ion Ratio Lower Upper
146 100
111 49.7 21.8 65.4
148 91.7 31.7 95.1

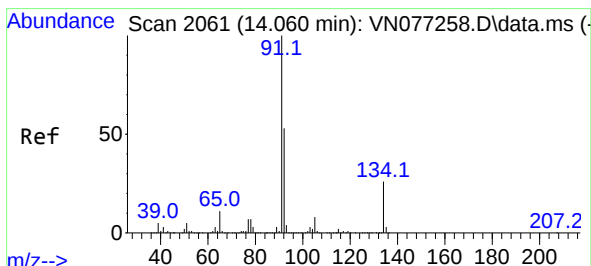
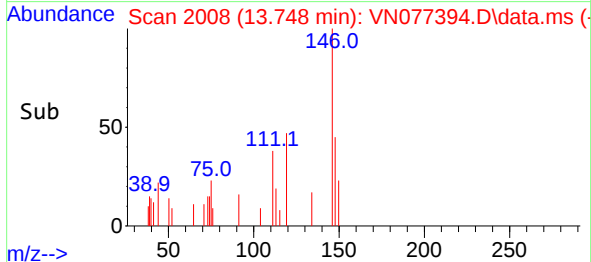
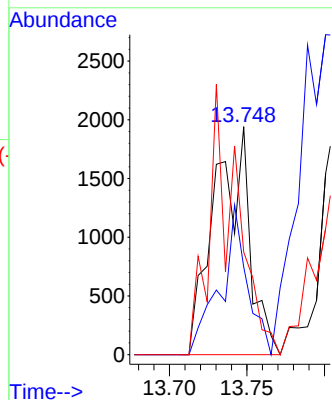
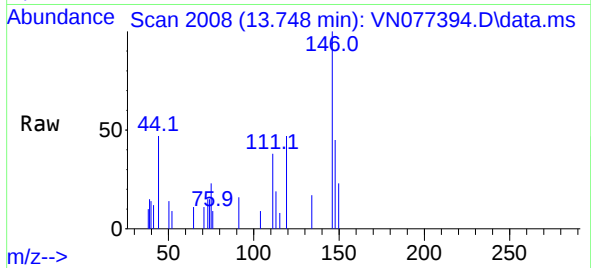




#88
1,4-Dichlorobenzene
Concen: 0.276 ug/l
RT: 13.748 min Scan# 2019
Delta R.T. -0.065 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

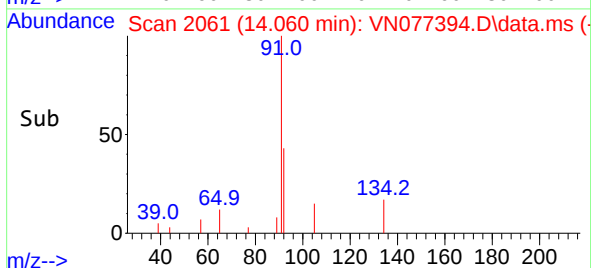
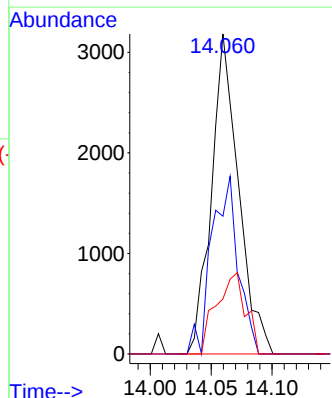
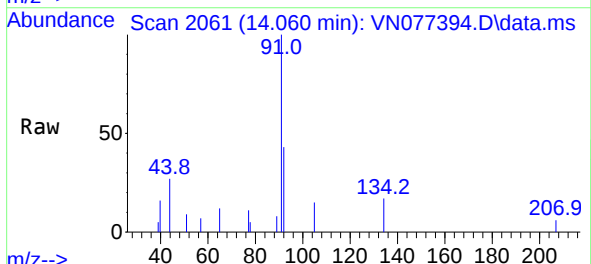
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

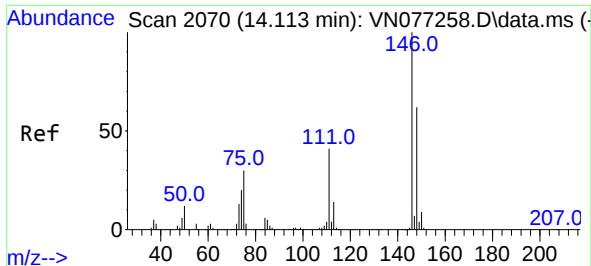
Tgt Ion:146 Resp: 3078
Ion Ratio Lower Upper
146 100
111 49.7 20.4 61.2
148 91.7 31.6 95.0



#89
n-Butylbenzene
Concen: 0.255 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 91 Resp: 4943
Ion Ratio Lower Upper
91 100
92 54.2 26.7 80.0
134 27.2 12.8 38.3

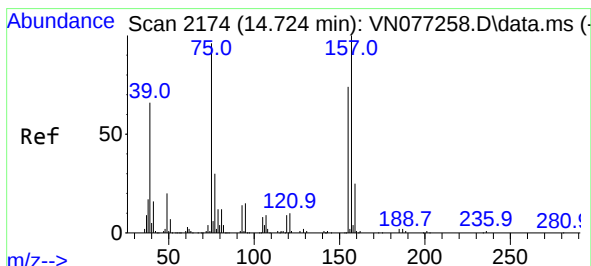
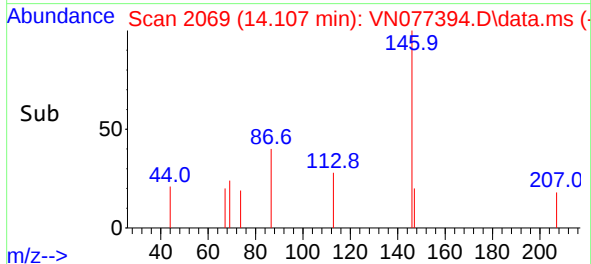
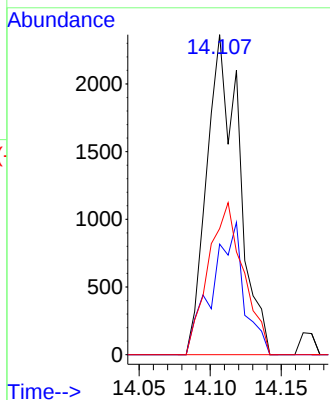
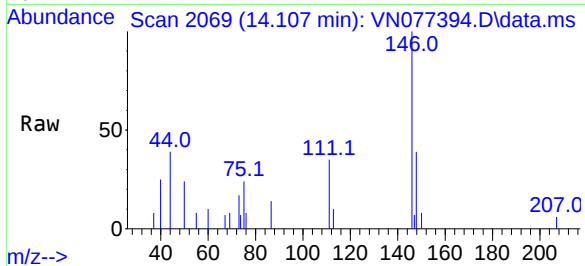




#91
1,2-Dichlorobenzene
Concen: 0.331 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

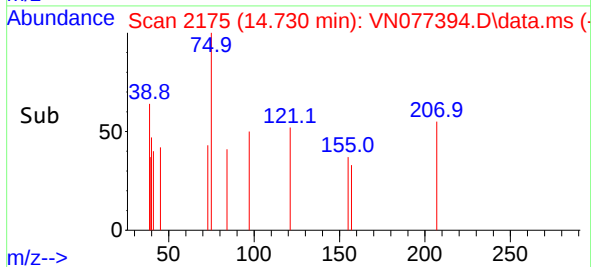
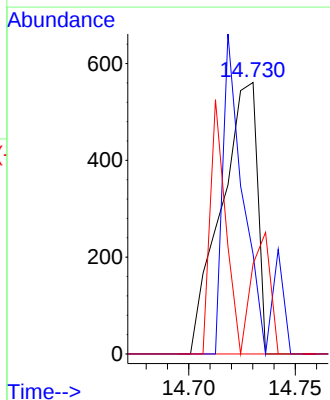
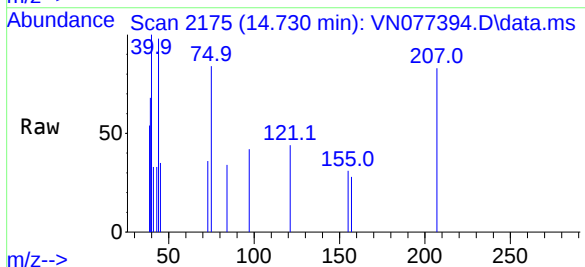
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

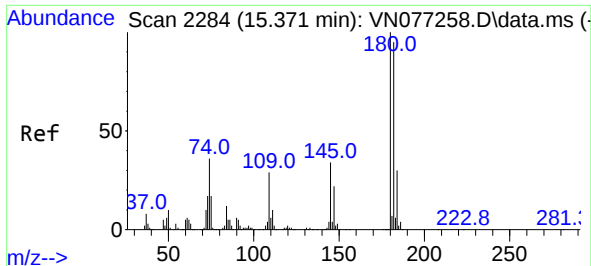
Tgt Ion:146 Resp: 3747
Ion Ratio Lower Upper
146 100
111 40.3 21.9 65.5
148 51.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.371 ug/l
RT: 14.730 min Scan# 2175
Delta R.T. 0.006 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion: 75 Resp: 663
Ion Ratio Lower Upper
75 100
155 0.0 41.0 123.2#
157 23.2 54.0 162.0#

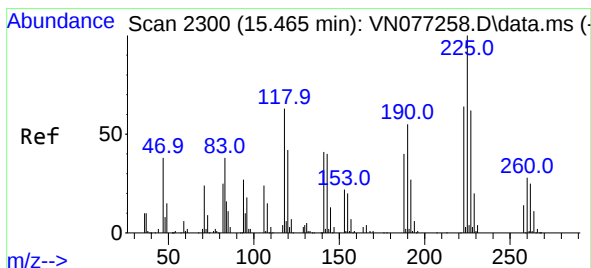
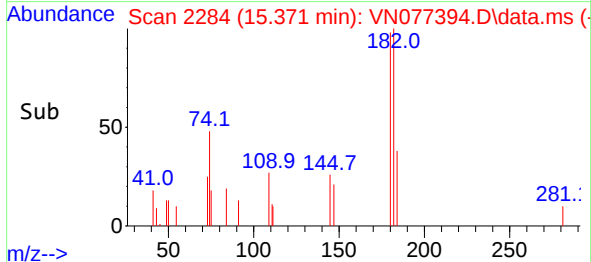
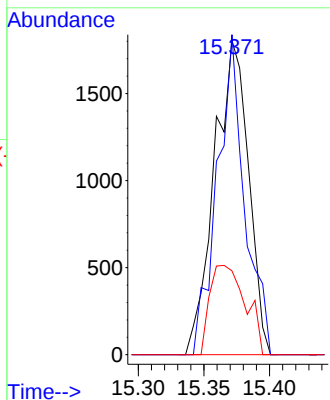
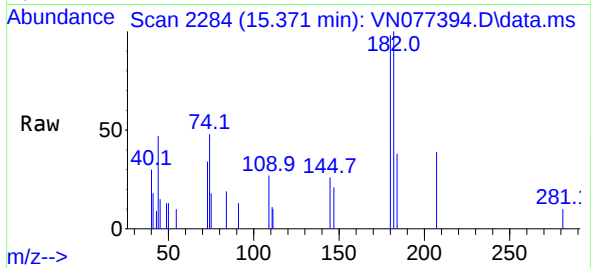




#93
 1,2,4-Trichlorobenzene
 Concen: 0.799 ug/l
 RT: 15.371 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN077394.D
 Acq: 20 Apr 2023 12:44

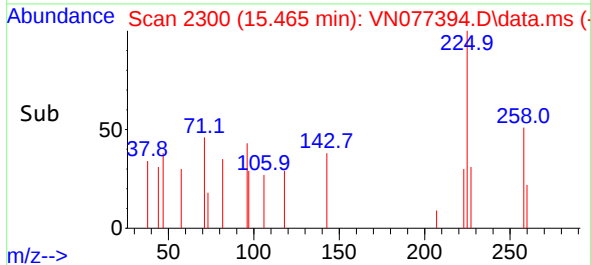
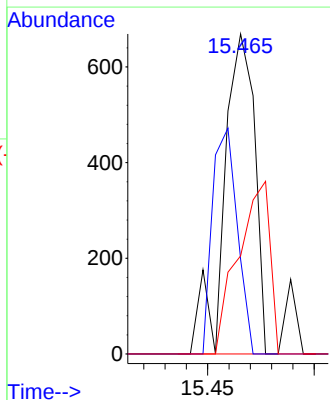
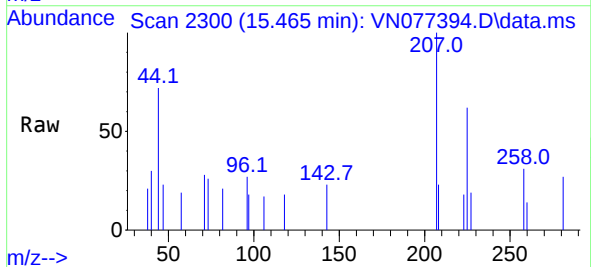
Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#16

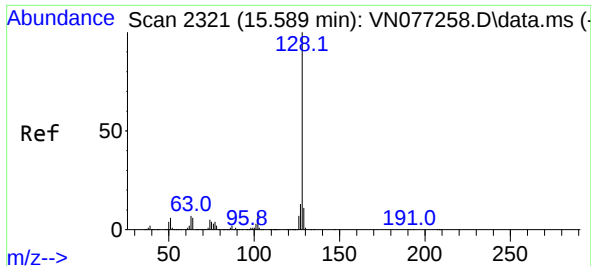
Tgt Ion:	180	Resp:	3260
Ion	Ratio	Lower	Upper
180	100		
182	82.2	46.7	140.0
145	29.8	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 0.283 ug/l
 RT: 15.465 min Scan# 2300
 Delta R.T. 0.000 min
 Lab File: VN077394.D
 Acq: 20 Apr 2023 12:44

Tgt Ion:	225	Resp:	668
Ion	Ratio	Lower	Upper
225	100		
223	57.3	31.7	95.1
227	0.0	31.2	93.6

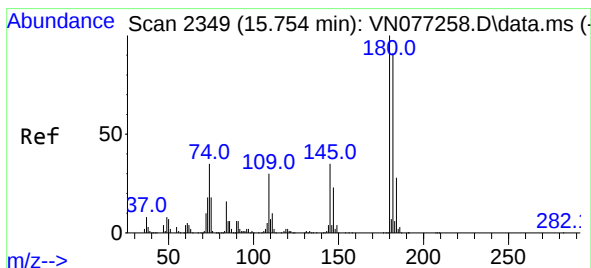
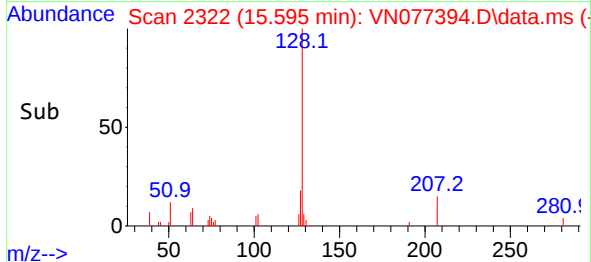
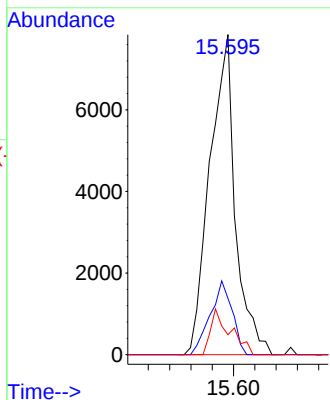
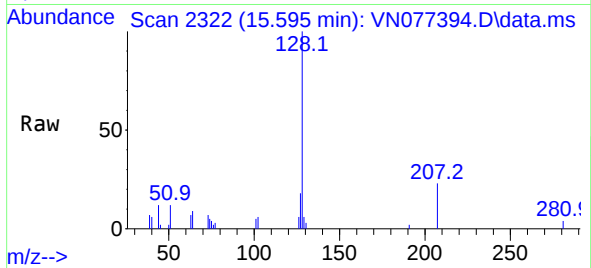




#95
Naphthalene
Concen: 0.851 ug/l
RT: 15.595 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#16

Tgt Ion:	128	Resp:	13053
Ion	Ratio	Lower	Upper
128	100		
127	19.8	10.2	15.4#
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.855 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077394.D
Acq: 20 Apr 2023 12:44

Tgt Ion:	180	Resp:	3338
Ion	Ratio	Lower	Upper
180	100		
182	61.9	46.9	140.8
145	40.3	17.6	52.8

