

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077311.D
 Acq On : 12 Apr 2023 12:41
 Operator : JC\MD
 Sample : PB152053TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152053TB

Quant Time: Apr 13 01:12:52 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	8.230	168	476978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	902231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	844828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	302064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	292026	44.796	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.600%		
35) Dibromofluoromethane	8.172	113	266962	46.221	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.440%		
50) Toluene-d8	10.572	98	1147813	49.365	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.740%		
62) 4-Bromofluorobenzene	12.854	95	374410	48.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.840%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.972	94	1776	0.239	ug/l #	35
8) Diethyl Ether	3.966	74	26152	7.036	ug/l	99
10) Methyl Iodide	4.607	142	2693	0.408	ug/l #	59
11) Tert butyl alcohol	5.542	59	1725	1.297	ug/l #	72
13) Acrolein	4.201	56	677	0.537	ug/l #	57
16) Acetone	4.437	43	74173	30.859	ug/l	98
17) Carbon Disulfide	4.725	76	3028	0.201	ug/l #	81
18) Methyl Acetate	5.048	43	4615	0.504	ug/l	97
20) Methylene Chloride	5.295	84	134546	19.821	ug/l	97
25) 2-Butanone	7.501	43	7941	2.036	ug/l #	63
29) Tetrahydrofuran	7.854	42	1560	0.622	ug/l #	64
31) Cyclohexane	8.230	56	12088	1.193	ug/l #	26
36) 1,1-Dichloropropene	8.230	75	41313	4.836	ug/l #	49
37) Ethyl Acetate	7.572	43	90583	11.852	ug/l	98
38) Carbon Tetrachloride	8.225	117	48911	5.589	ug/l #	14
42) 1,2-Dichloroethane	8.689	62	3684	0.449	ug/l #	73
43) Isopropyl Acetate	8.695	43	387146	27.451	ug/l #	92
48) Methyl methacrylate	9.748	41	304553	50.622	ug/l #	33
49) 1,4-Dioxane	9.695	88	191	1.309	ug/l #	28
51) 4-Methyl-2-Pentanone	10.442	43	32764	4.019	ug/l #	75
54) cis-1,3-Dichloropropene	10.360	75	177744	16.125	ug/l #	61
57) 1,3-Dichloropropane	11.207	76	22964	2.030	ug/l #	42
59) 2-Hexanone	11.171	43	369524	60.845	ug/l #	20
68) m/p-Xylenes	12.077	106	3408	0.253	ug/l	93
74) N-amyl acetate	12.489	43	5283	0.475	ug/l #	76
76) 1,2,3-Trichloropropane	12.854	75	207509	28.849	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	207509	64.920	ug/l #	13
82) 4-Chlorotoluene	13.224	91	3902	0.212	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	2992	0.271	ug/l #	74
88) 1,4-Dichlorobenzene	13.812	146	4079	0.375	ug/l #	62
89) n-Butylbenzene	14.060	91	5463	0.288	ug/l	95
91) 1,2-Dichlorobenzene	14.118	146	2864	0.259	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.736	75	363	0.208	ug/l #	55
93) 1,2,4-Trichlorobenzene	15.371	180	2953	0.741	ug/l	81
95) Naphthalene	15.589	128	15042	1.005	ug/l	96
96) 1,2,3-Trichlorobenzene	15.759	180	3916	1.027	ug/l	93

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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

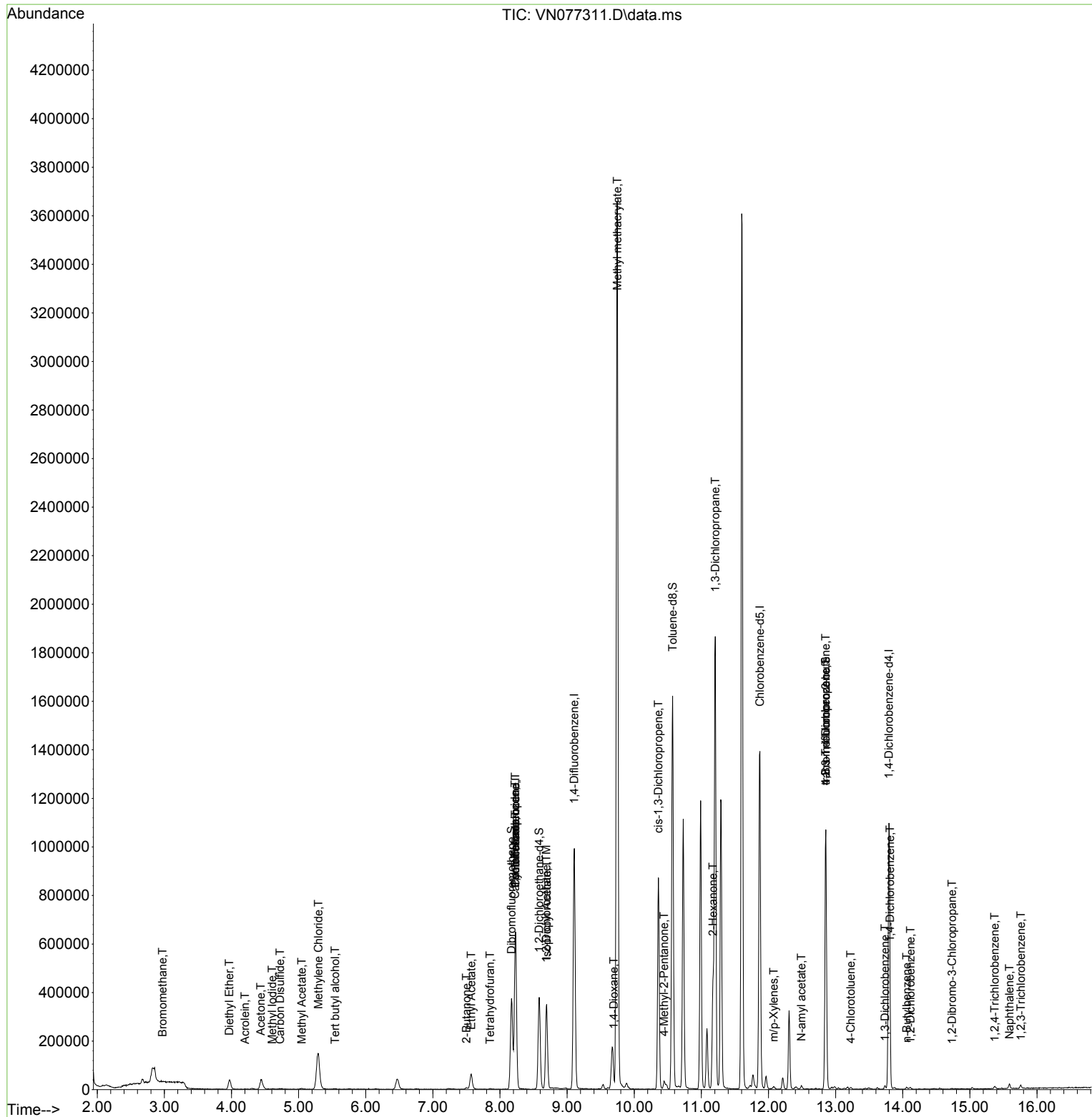
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

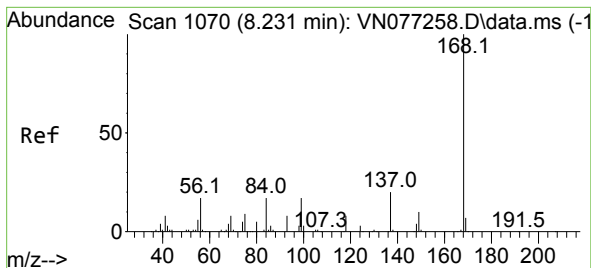
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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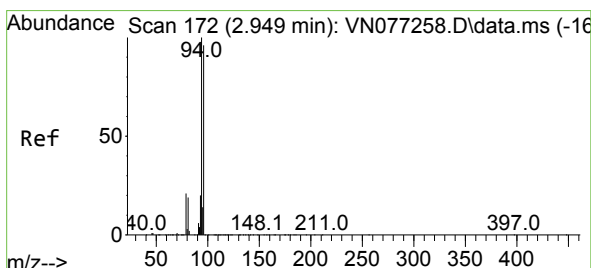
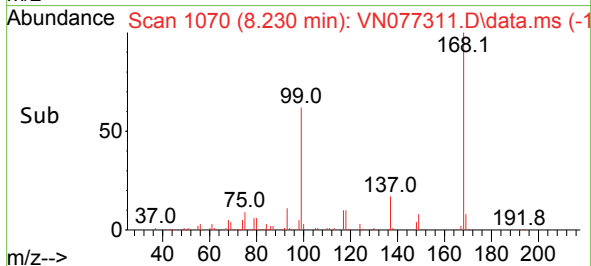
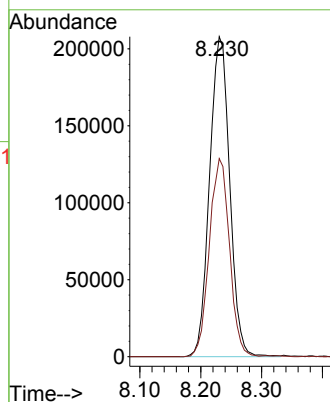
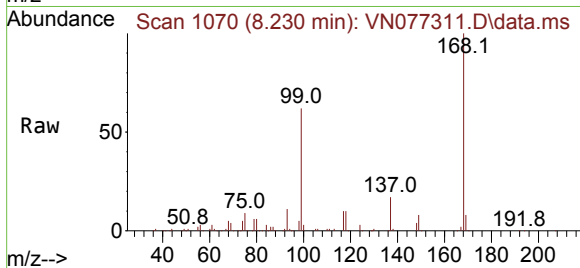




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

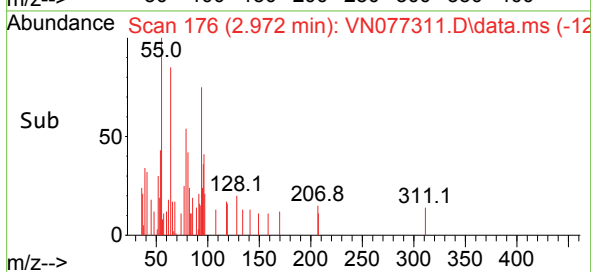
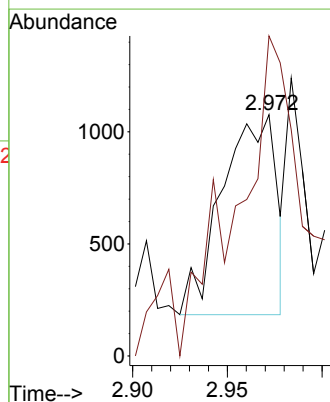
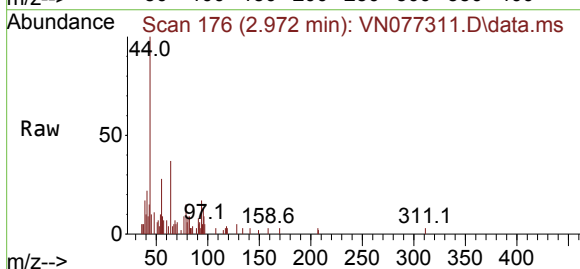
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

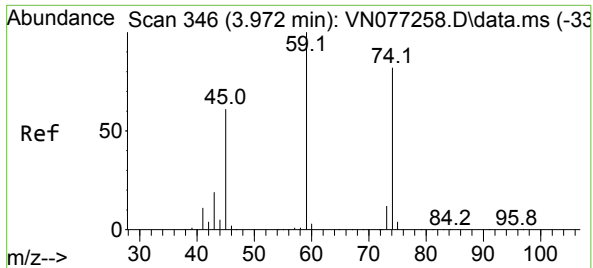
Tgt Ion:168 Resp: 476978
Ion Ratio Lower Upper
168 100
99 61.9 50.6 75.8



#5
Bromomethane
Concen: 0.239 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.023 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 94 Resp: 1776
Ion Ratio Lower Upper
94 100
96 159.9 77.0 115.4#

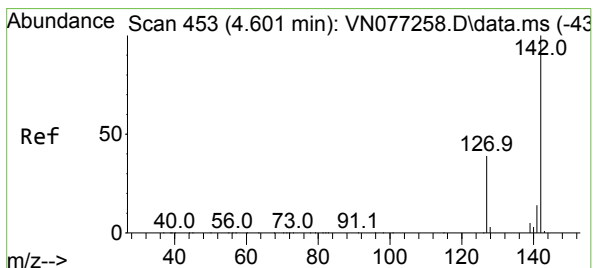
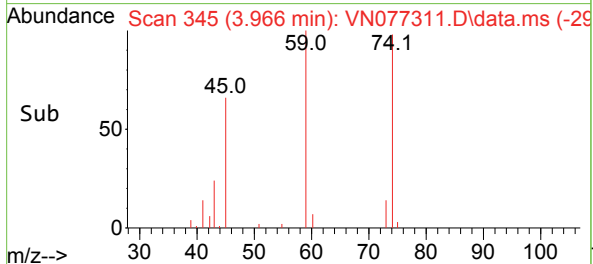
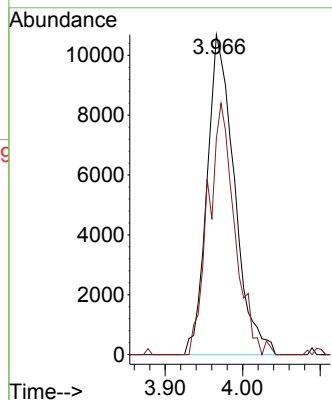
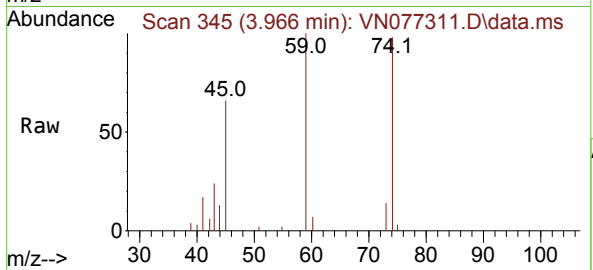




#8
Diethyl Ether
Concen: 7.036 ug/l
RT: 3.966 min Scan# 346
Delta R.T. -0.006 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

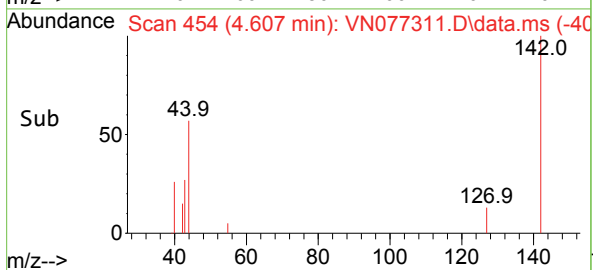
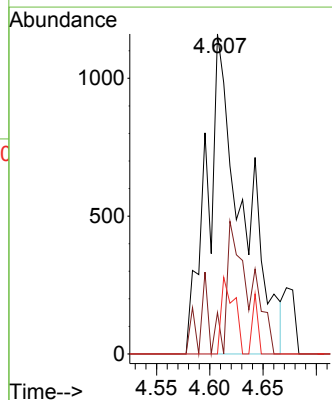
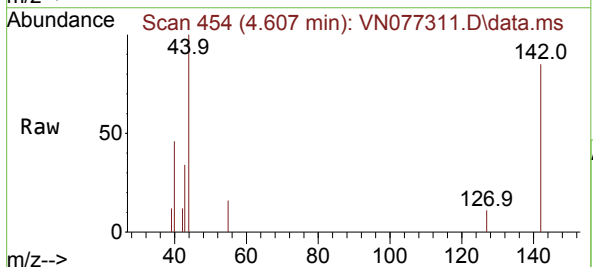
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

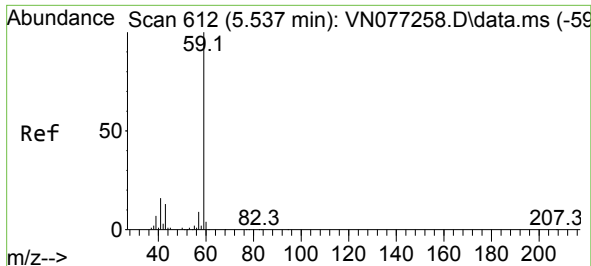
Tgt Ion: 74 Resp: 26152
Ion Ratio Lower Upper
74 100
45 76.1 37.8 113.4



#10
Methyl Iodide
Concen: 0.408 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 142 Resp: 2693
Ion Ratio Lower Upper
142 100
127 12.9 31.5 47.3#
141 0.0 11.4 17.2#

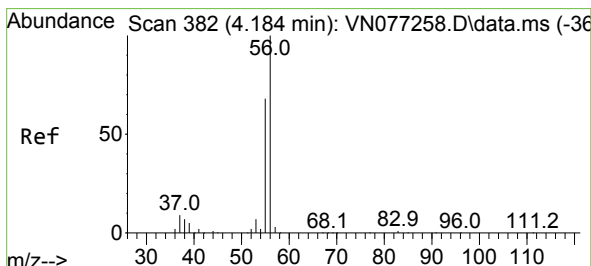
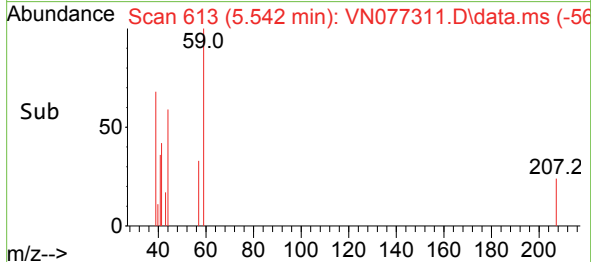
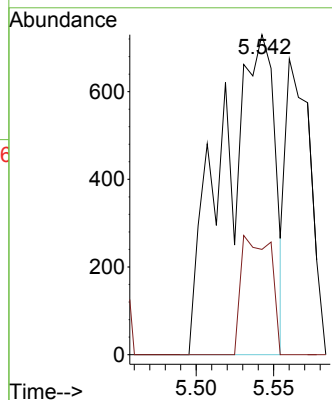
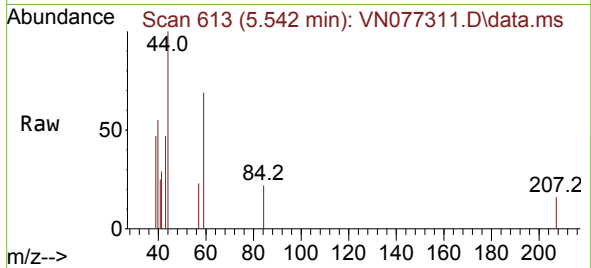




#11
Tert butyl alcohol
Concen: 1.297 ug/l
RT: 5.542 min Scan# 612
Delta R.T. 0.005 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

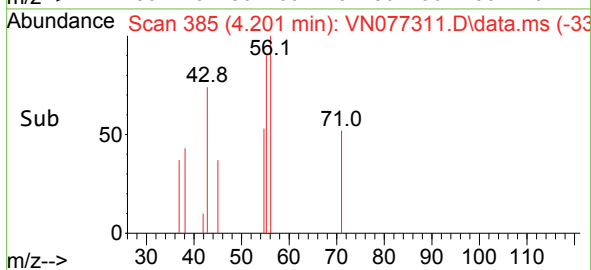
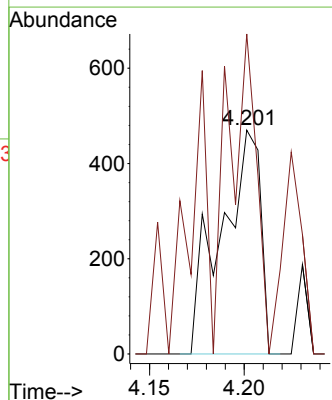
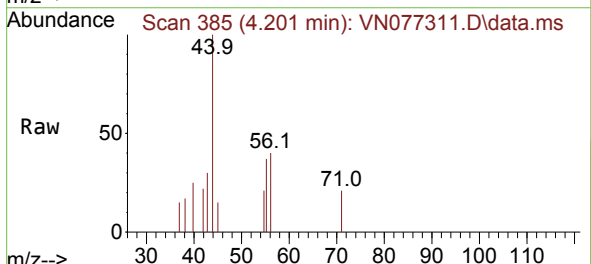
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

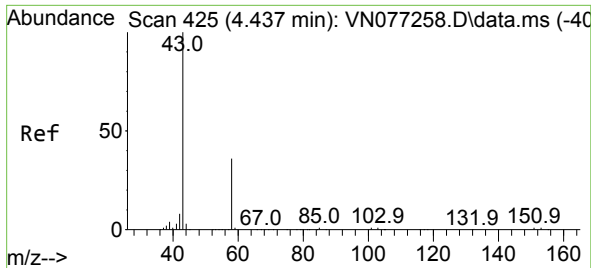
Tgt Ion: 59 Resp: 1725
Ion Ratio Lower Upper
59 100
57 20.8 8.3 12.5#



#13
Acrolein
Concen: 0.537 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.017 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 56 Resp: 677
Ion Ratio Lower Upper
56 100
55 102.4 54.2 81.2#

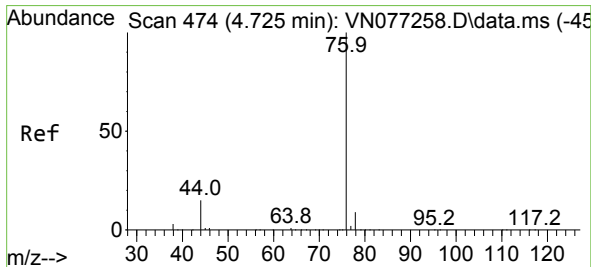
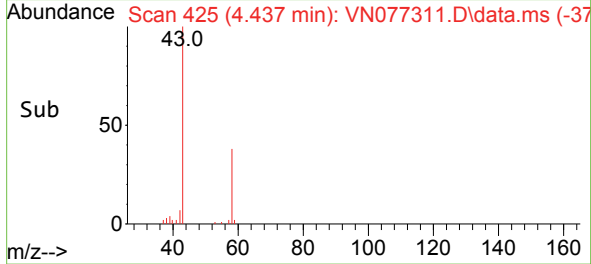
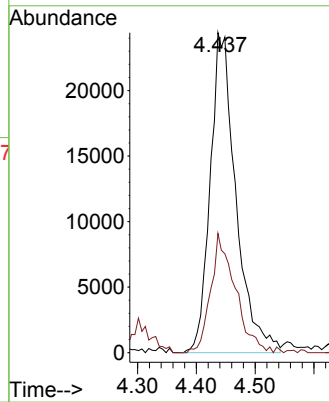
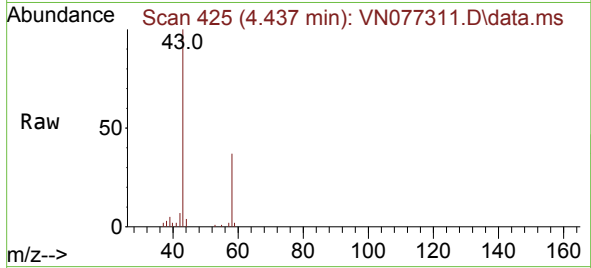




#16
Acetone
Concen: 30.859 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

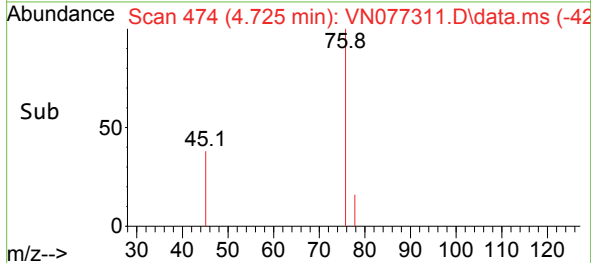
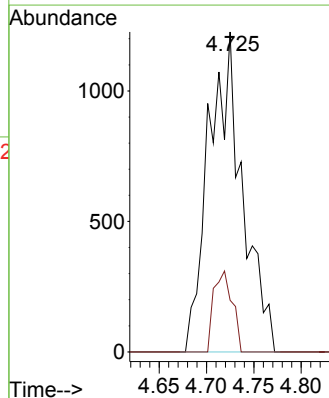
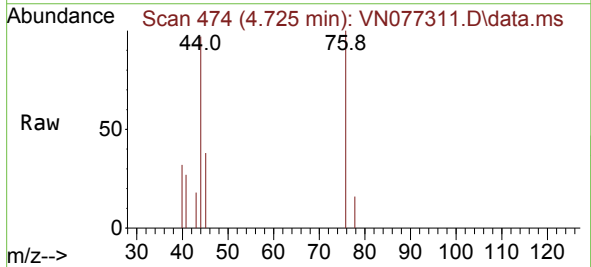
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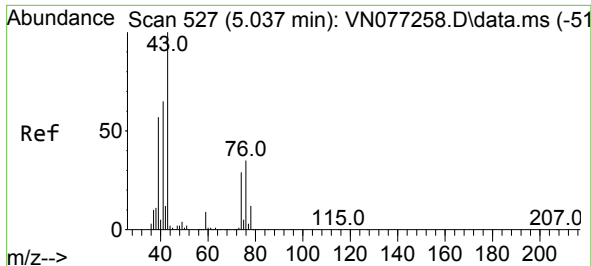
Tgt Ion: 43 Resp: 74173
Ion Ratio Lower Upper
43 100
58 37.3 29.0 43.6



#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 76 Resp: 3028
Ion Ratio Lower Upper
76 100
78 16.2 7.3 10.9#

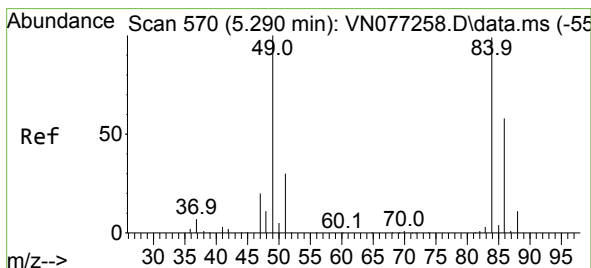
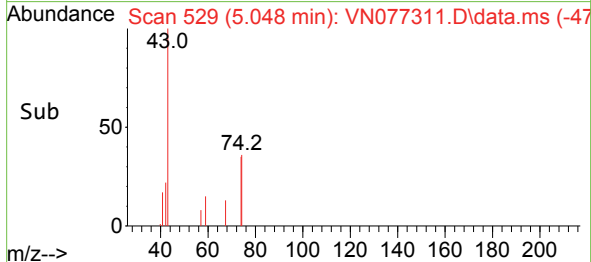
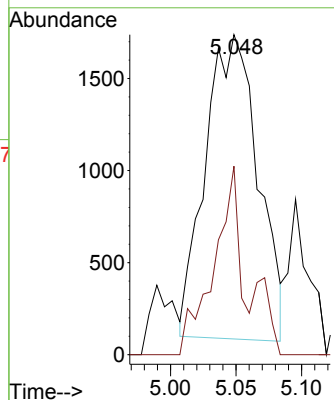
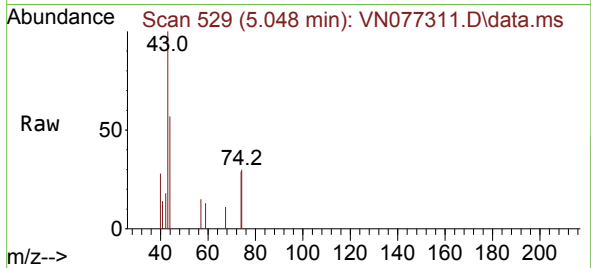




#18
Methyl Acetate
Concen: 0.504 ug/l
RT: 5.048 min Scan# 511
Delta R.T. 0.011 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

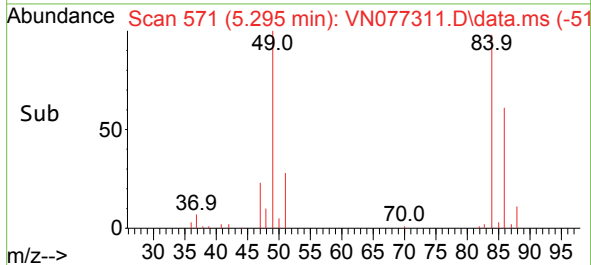
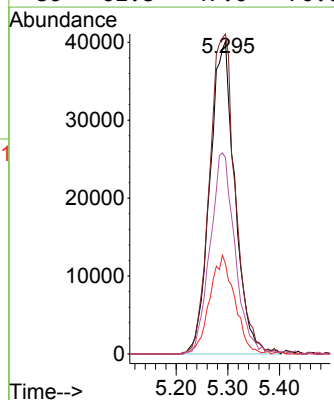
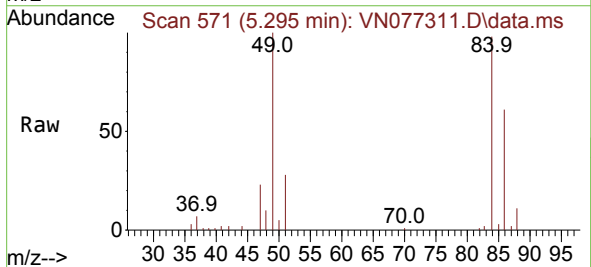
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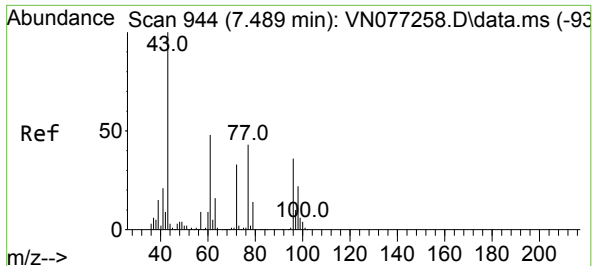
Tgt Ion: 43 Resp: 4615
Ion Ratio Lower Upper
43 100
74 30.7 23.4 35.2



#20
Methylene Chloride
Concen: 19.821 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 84 Resp: 134546
Ion Ratio Lower Upper
84 100
49 102.4 80.6 121.0
51 28.8 24.4 36.6
86 62.8 47.0 70.6





#25

2-Butanone

Concen: 2.036 ug/l

RT: 7.501 min Scan# 94

Delta R.T. 0.012 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

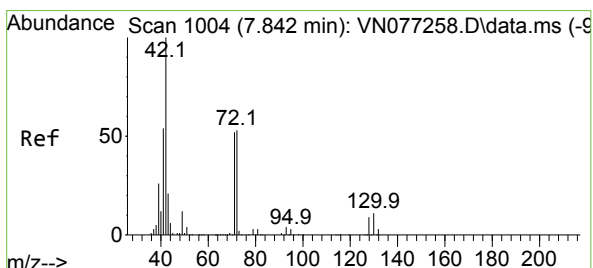
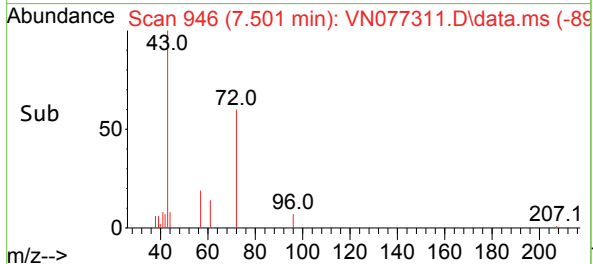
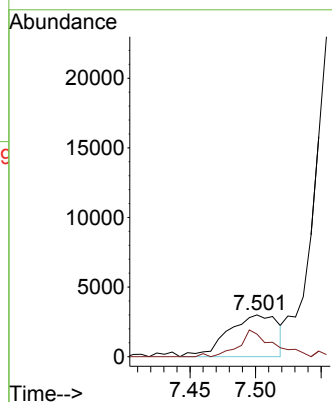
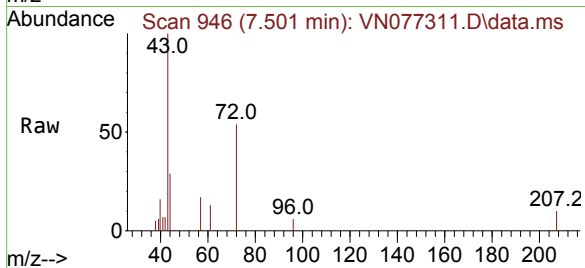
PB152053TB

Tgt Ion: 43 Resp: 7941

Ion Ratio Lower Upper

43 100

72 54.2 26.6 39.8#



#29

Tetrahydrofuran

Concen: 0.622 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

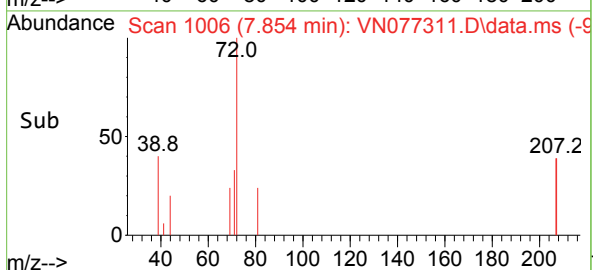
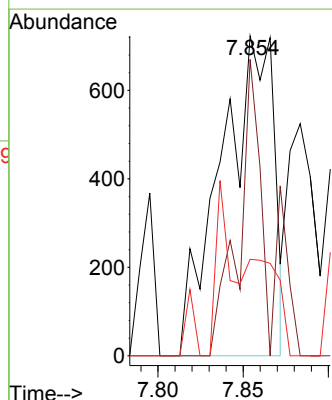
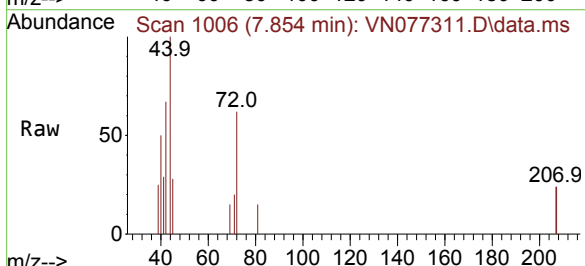
Tgt Ion: 42 Resp: 1560

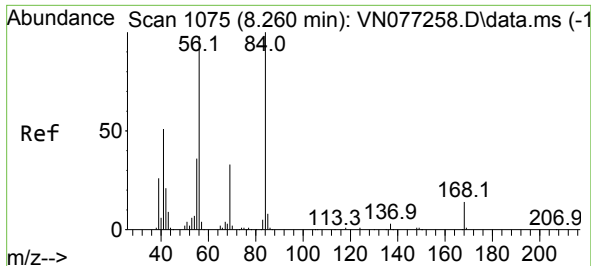
Ion Ratio Lower Upper

42 100

72 37.7 44.6 66.8#

71 18.4 41.3 61.9#

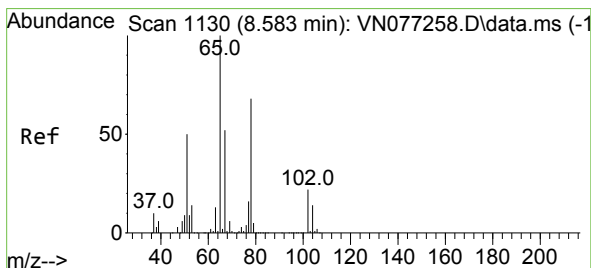
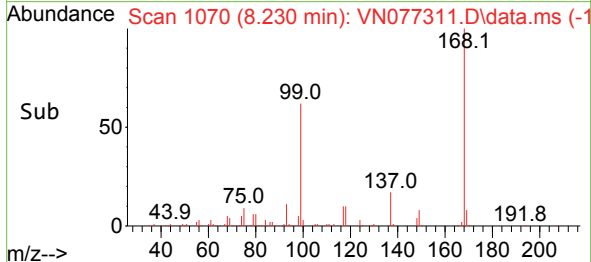
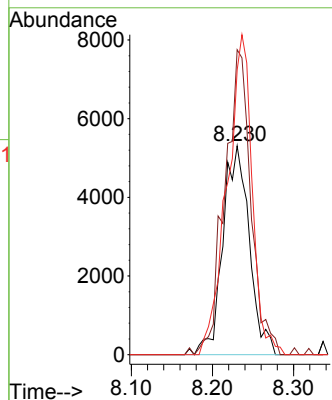
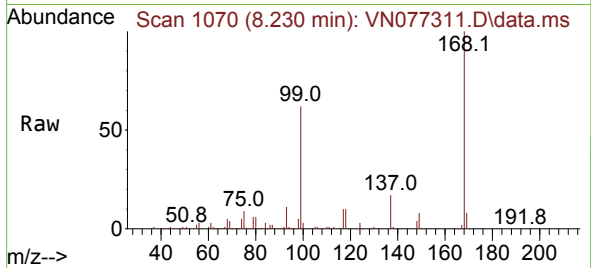




#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

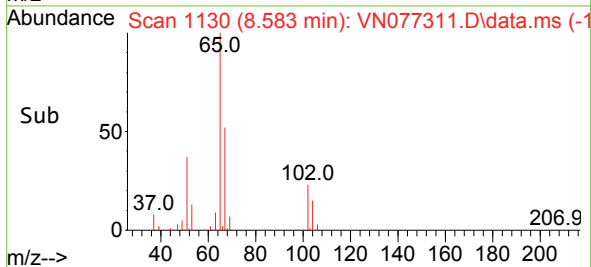
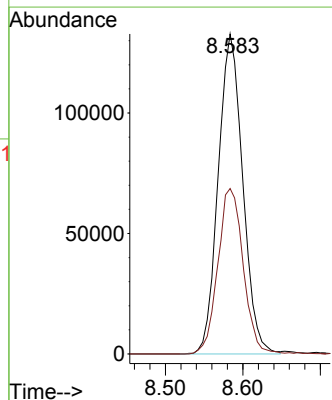
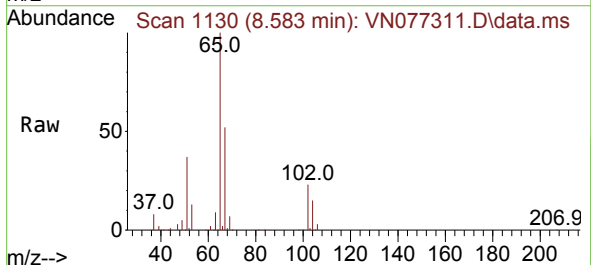
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

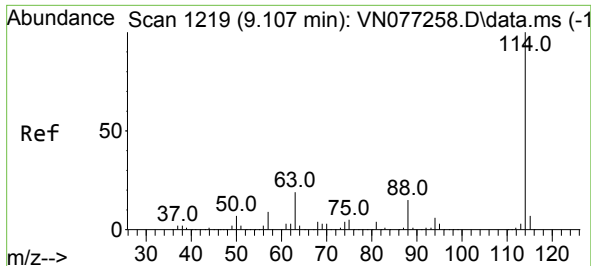
Tgt Ion: 56 Resp: 12088
Ion Ratio Lower Upper
56 100
69 146.0 26.6 40.0#
84 136.3 81.8 122.8#



#33
1,2-Dichloroethane-d4
Concen: 44.796 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 65 Resp: 292026
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB152053TB

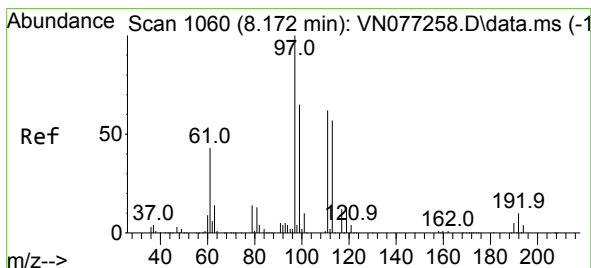
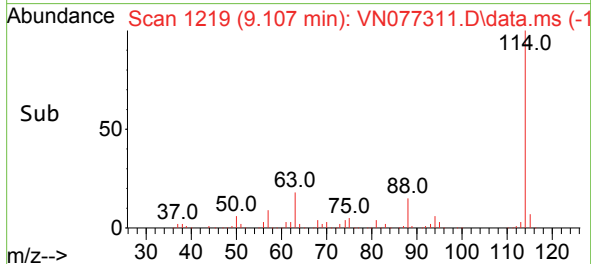
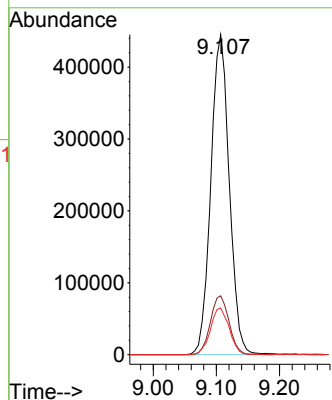
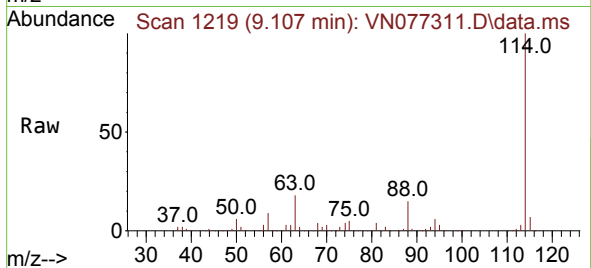
Tgt Ion:114 Resp: 902231

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.8

88 14.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.221 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

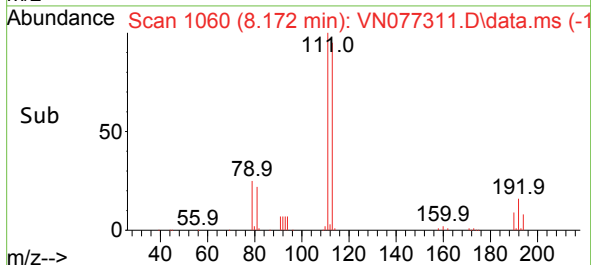
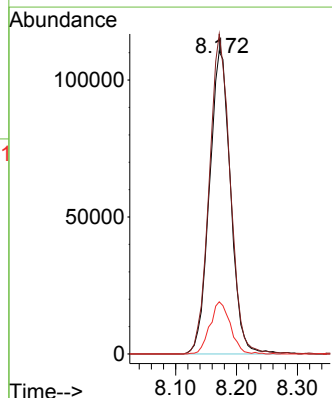
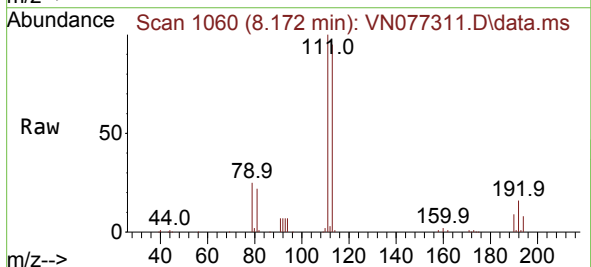
Tgt Ion:113 Resp: 266962

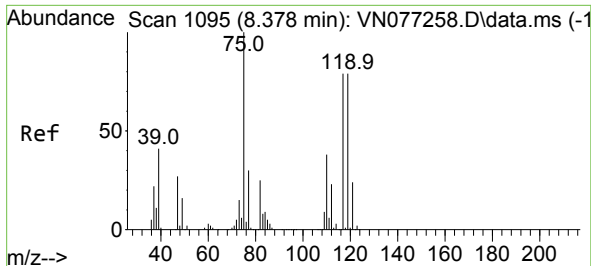
Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.0

192 16.5 13.5 20.3

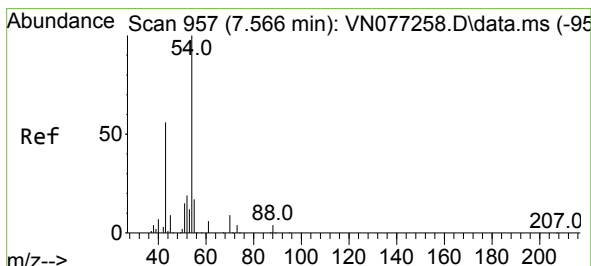
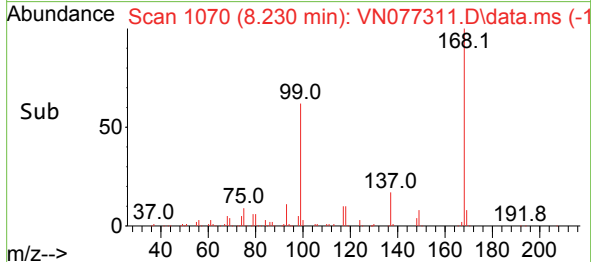
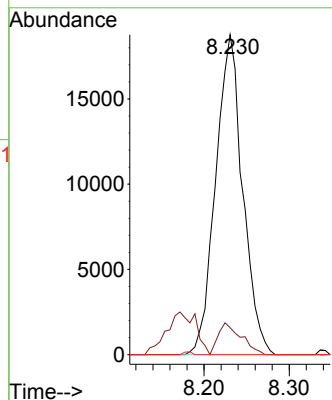
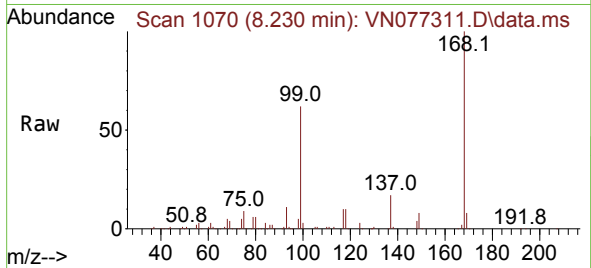




#36
1,1-Dichloropropene
Concen: 4.836 ug/l
RT: 8.230 min Scan# 1095
Delta R.T. -0.148 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

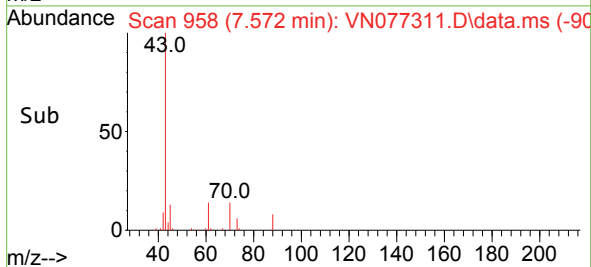
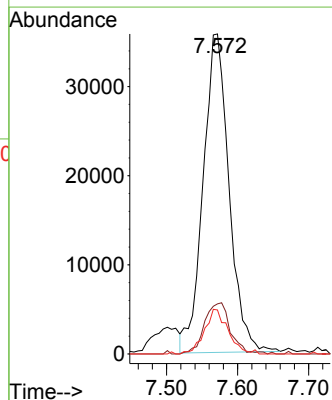
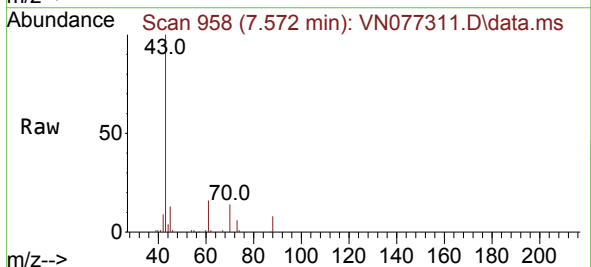
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

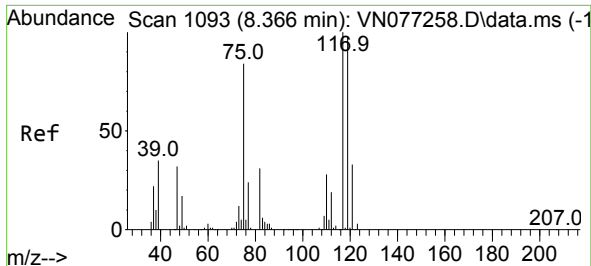
Tgt Ion: 75 Resp: 41313
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 11.852 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

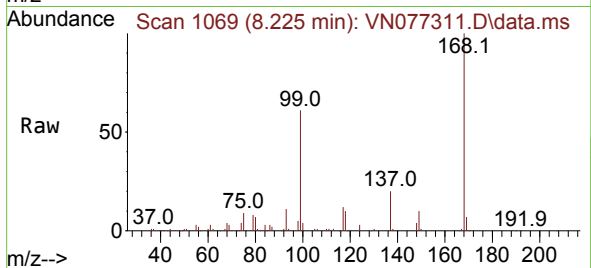
Tgt Ion: 43 Resp: 90583
Ion Ratio Lower Upper
43 100
61 16.2 12.2 18.2
70 12.9 10.0 15.0



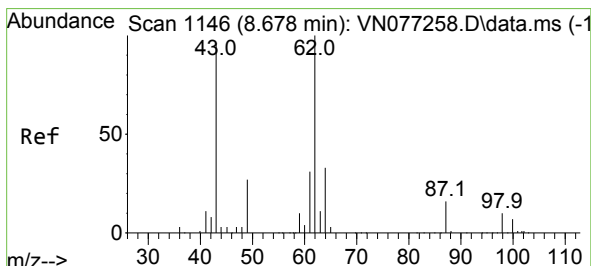
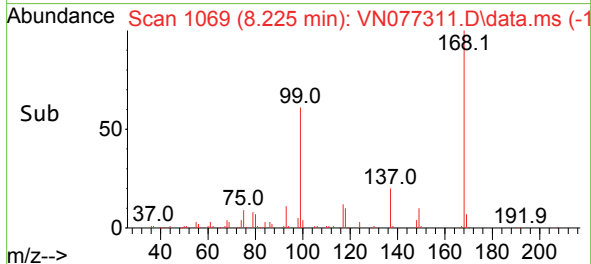
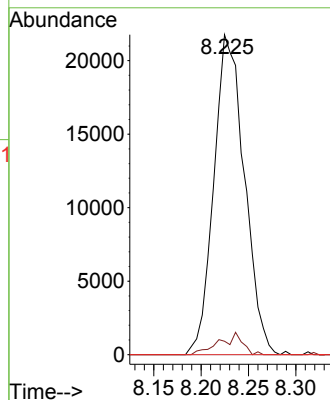


#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 8.225 min Scan# 1109
Delta R.T. -0.141 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

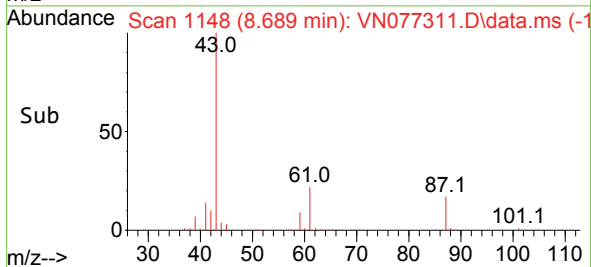
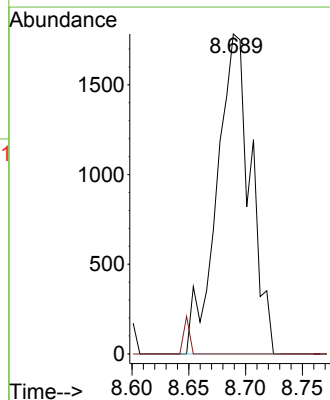
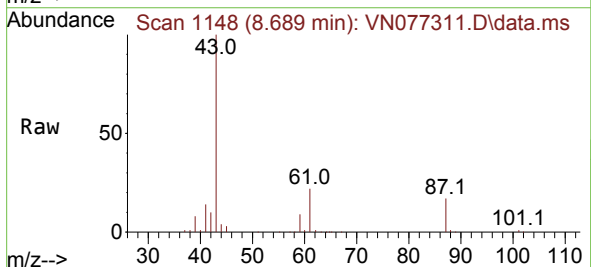


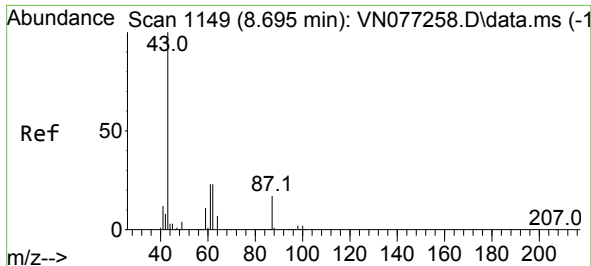
Tgt Ion: 117 Resp: 48911
Ion Ratio Lower Upper
117 100
119 4.2 78.5 117.7#
121 0.0 26.6 40.0#



#42
1,2-Dichloroethane
Concen: 0.449 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.011 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 62 Resp: 3684
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

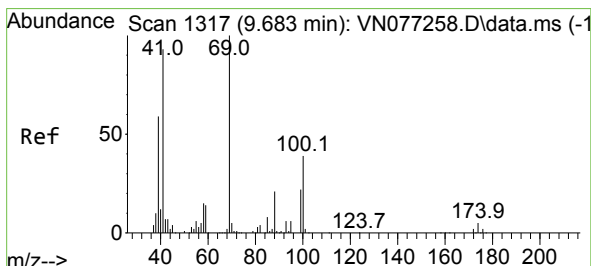
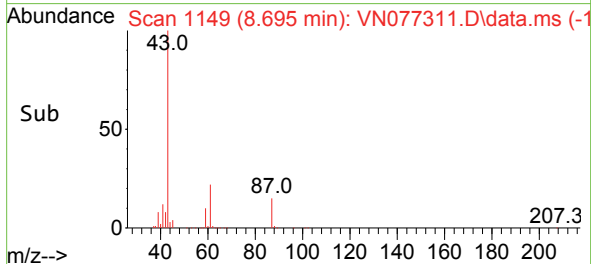
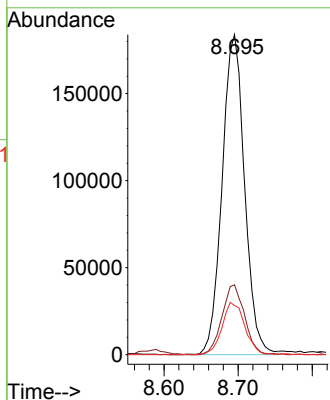
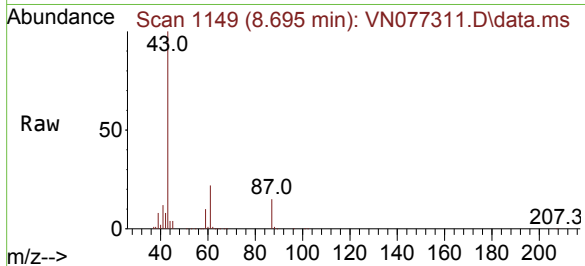




#43
Isopropyl Acetate
Concen: 27.451 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

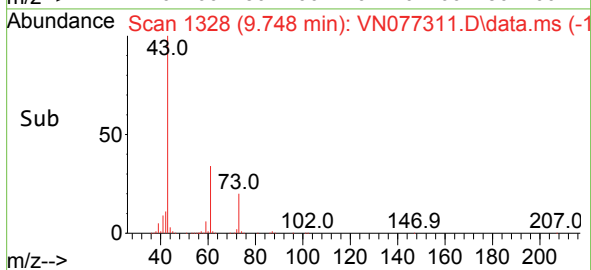
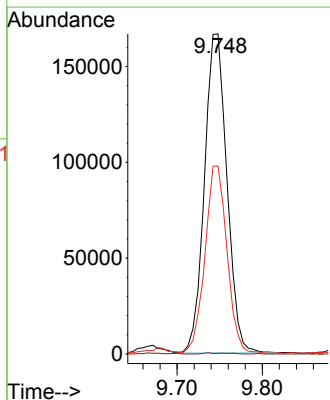
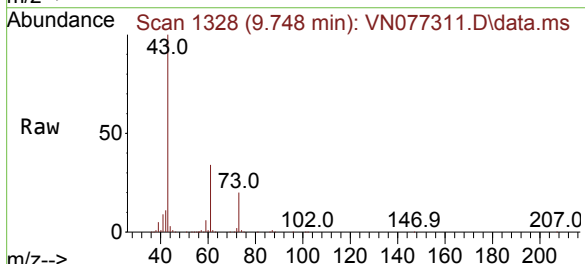
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

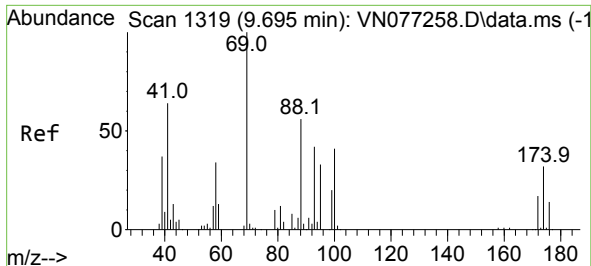
Tgt Ion: 43 Resp: 387146
Ion Ratio Lower Upper
43 100
61 22.0 22.7 34.1#
87 16.5 13.6 20.4



#48
Methyl methacrylate
Concen: 50.622 ug/l
RT: 9.748 min Scan# 1328
Delta R.T. 0.065 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 41 Resp: 304553
Ion Ratio Lower Upper
41 100
69 0.2 85.0 127.6#
39 57.8 53.5 80.3





#49

1,4-Dioxane

Concen: 1.309 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077311.D

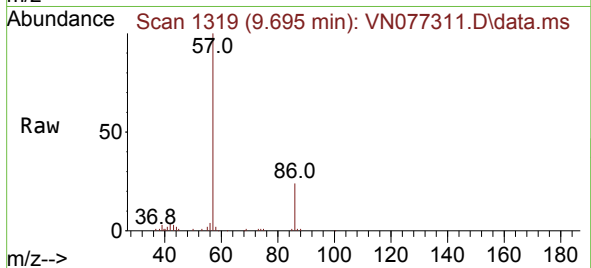
Acq: 12 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB152053TB



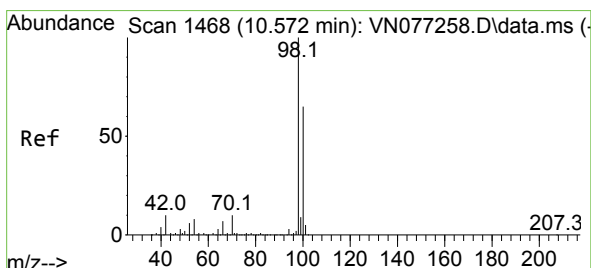
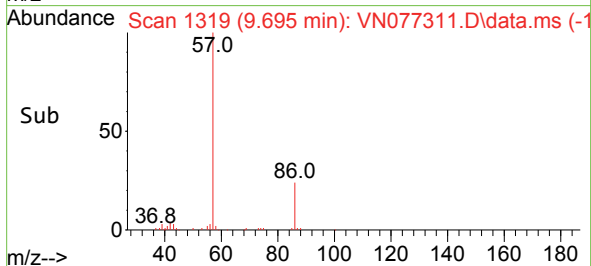
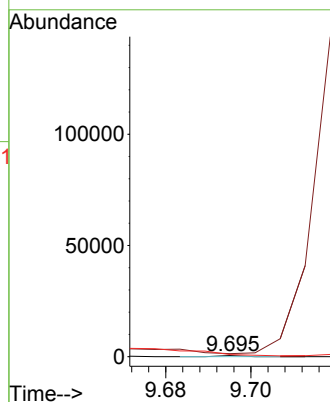
Tgt Ion: 88 Resp: 191

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 49.8 74.6#



#50

Toluene-d8

Concen: 49.365 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077311.D

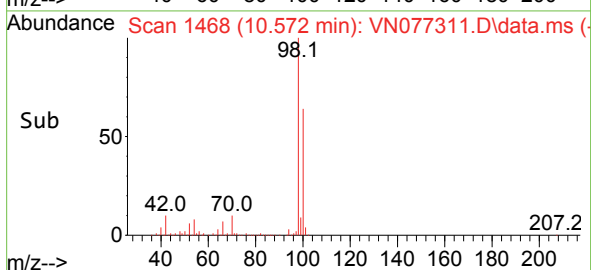
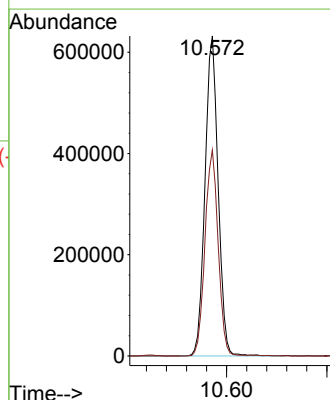
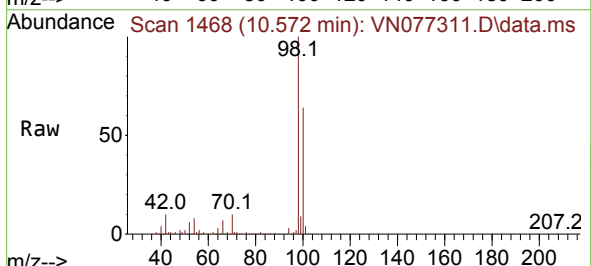
Acq: 12 Apr 2023 12:41

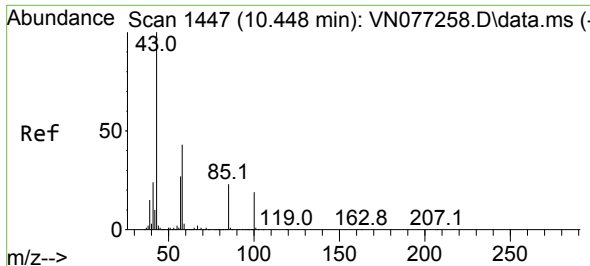
Tgt Ion: 98 Resp: 1147813

Ion Ratio Lower Upper

98 100

100 64.7 51.3 76.9

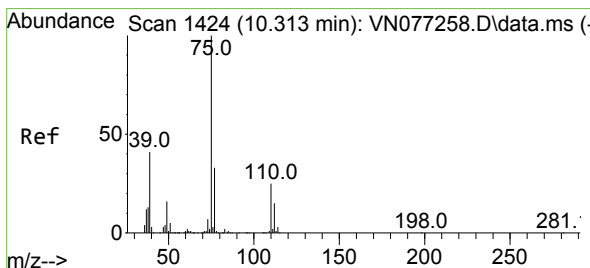
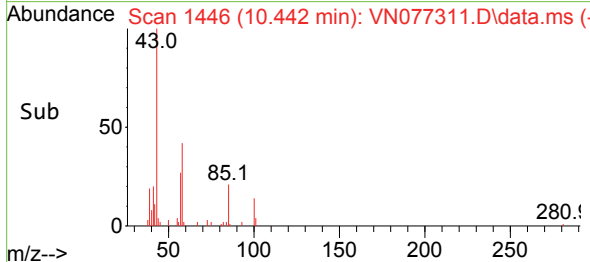
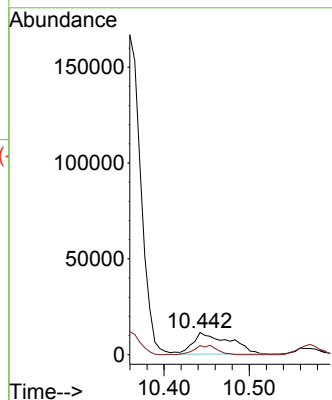
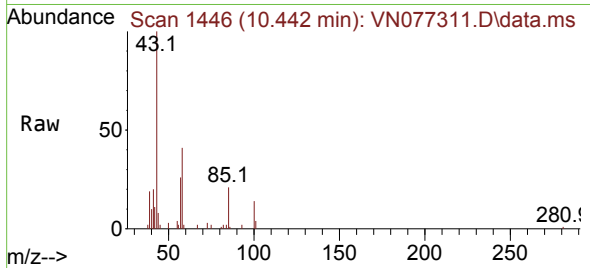




#51
4-Methyl-2-Pentanone
Concen: 4.019 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

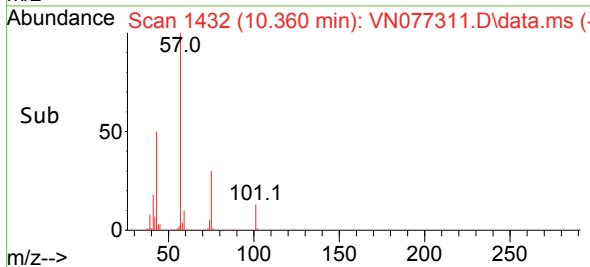
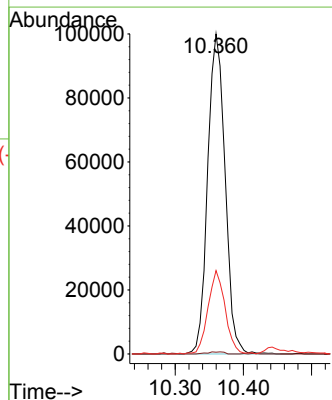
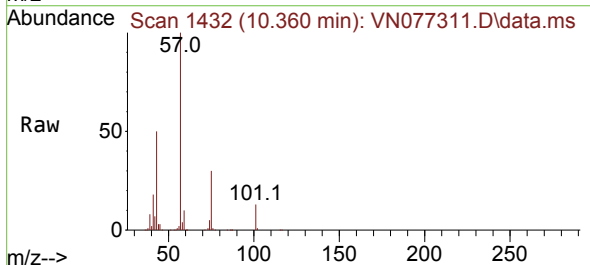
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

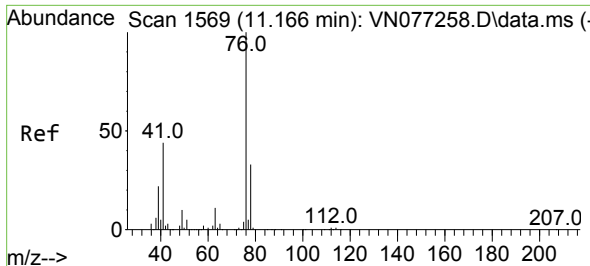
Tgt Ion: 43 Resp: 32764
Ion Ratio Lower Upper
43 100
58 27.5 34.6 52.0#



#54
cis-1,3-Dichloropropene
Concen: 16.125 ug/l
RT: 10.360 min Scan# 1432
Delta R.T. 0.047 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 75 Resp: 177744
Ion Ratio Lower Upper
75 100
77 0.5 26.7 40.1#
39 25.8 32.8 49.2#





#57

1,3-Dichloropropane

Concen: 2.030 ug/l

RT: 11.207 min Scan# 1576

Delta R.T. 0.041 min

Lab File: VN077311.D

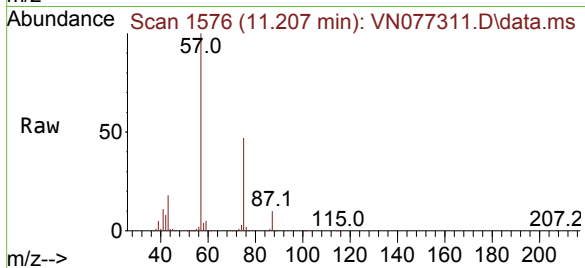
Acq: 12 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB152053TB

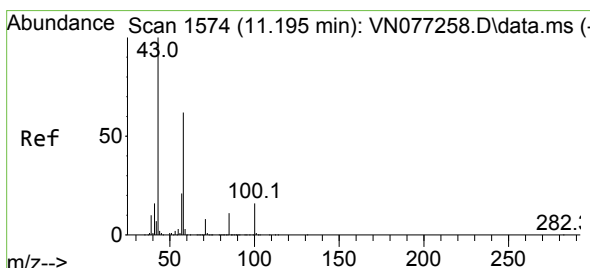
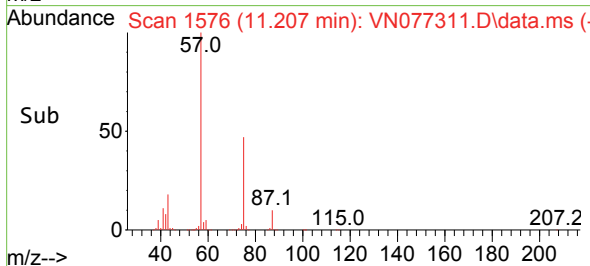
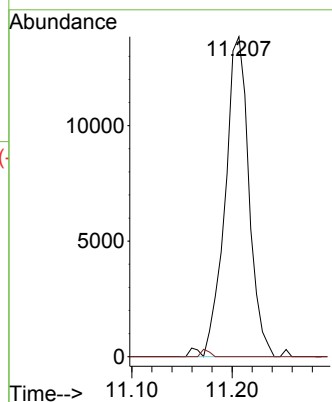


Tgt Ion: 76 Resp: 22964

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.4#



#59

2-Hexanone

Concen: 60.845 ug/l

RT: 11.171 min Scan# 1570

Delta R.T. -0.024 min

Lab File: VN077311.D

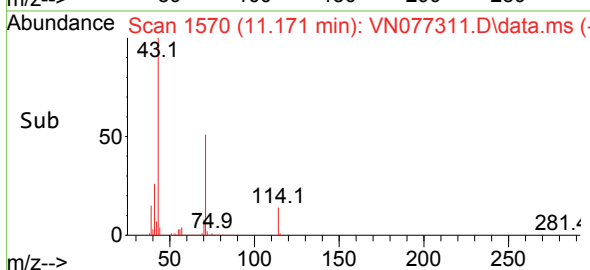
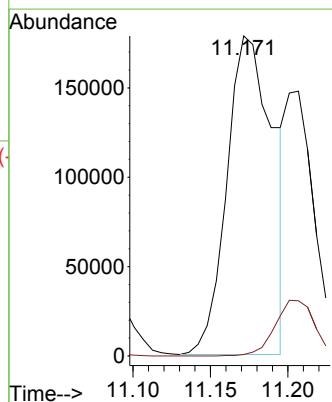
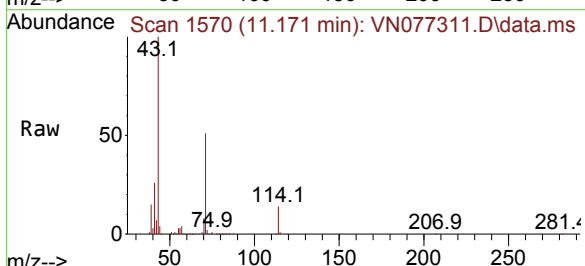
Acq: 12 Apr 2023 12:41

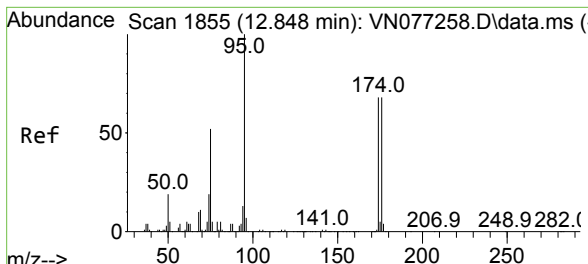
Tgt Ion: 43 Resp: 369524

Ion Ratio Lower Upper

43 100

58 0.0 30.9 92.5#

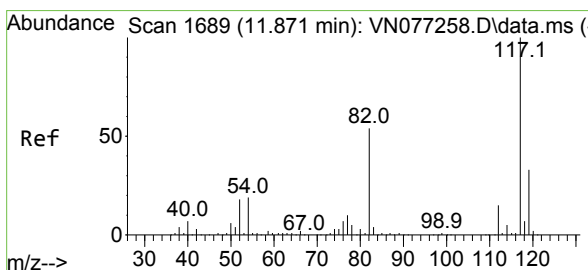
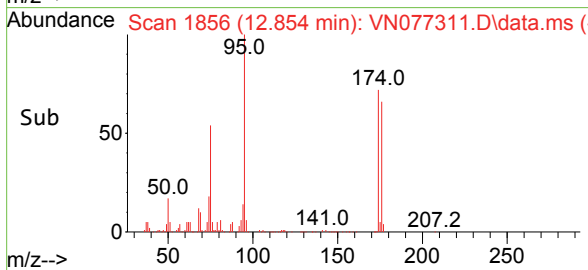
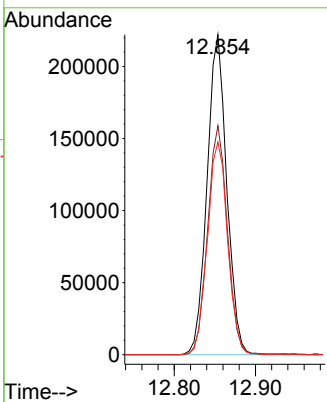
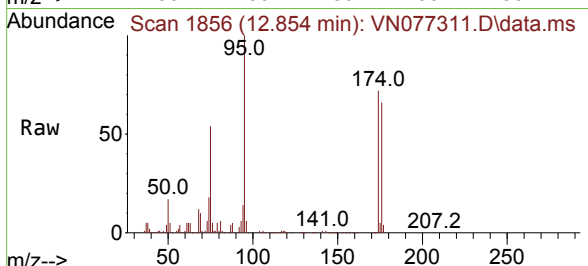




#62
4-Bromofluorobenzene
Concen: 48.416 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

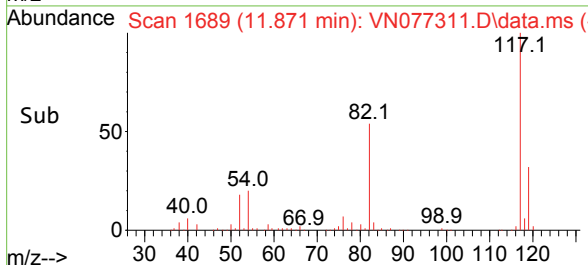
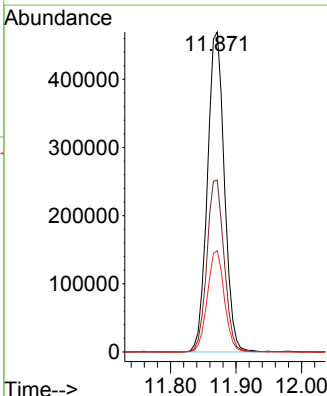
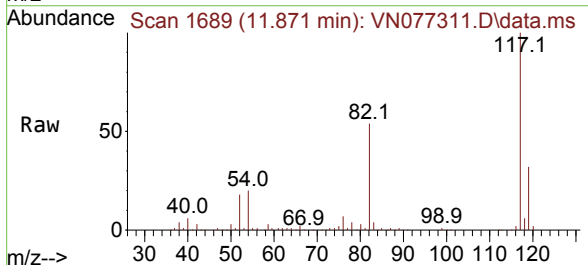
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

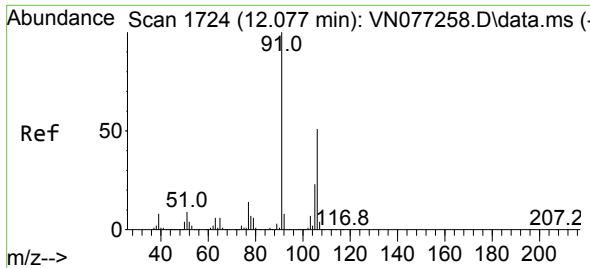
Tgt Ion:	95	Resp:	374410
Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	146.8
176	68.2	0.0	139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion:	117	Resp:	844828
Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.9	64.3
119	31.6	26.2	39.4

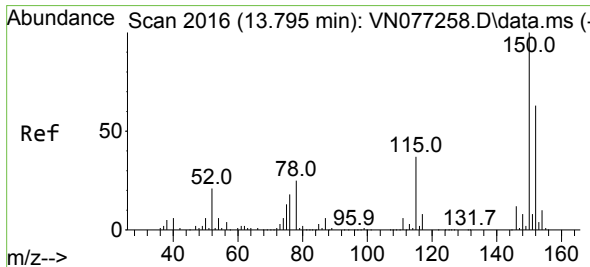
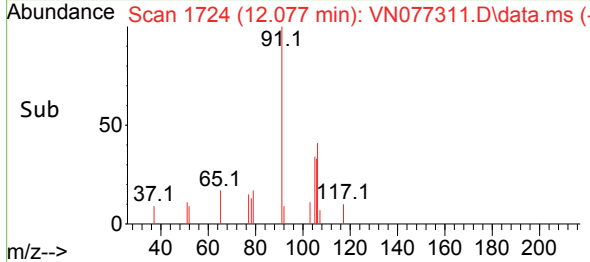
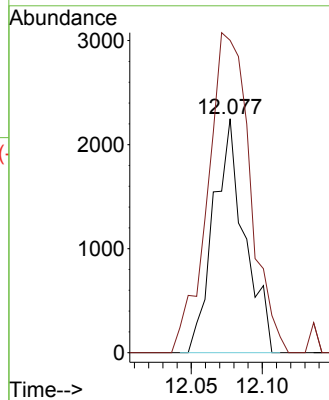
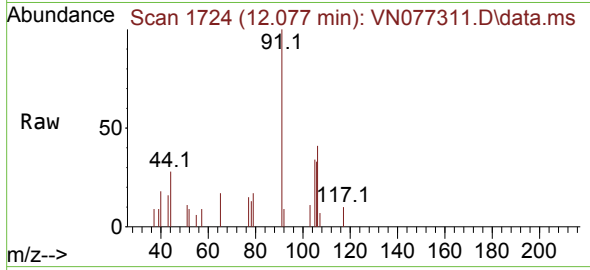




#68
m/p-Xylenes
Concen: 0.253 ug/l
RT: 12.077 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

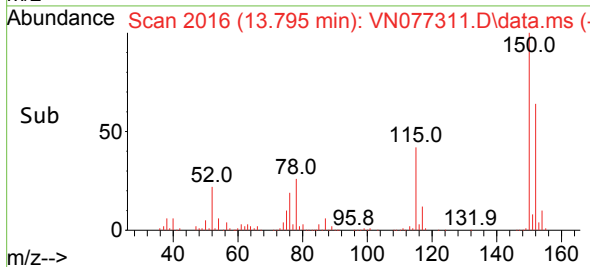
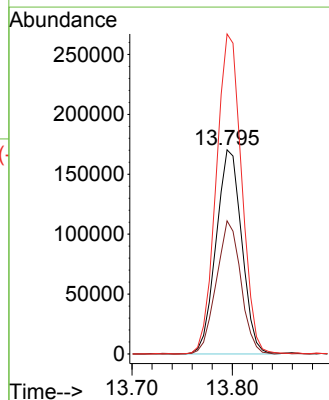
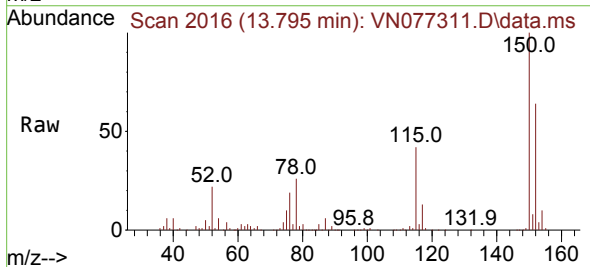
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

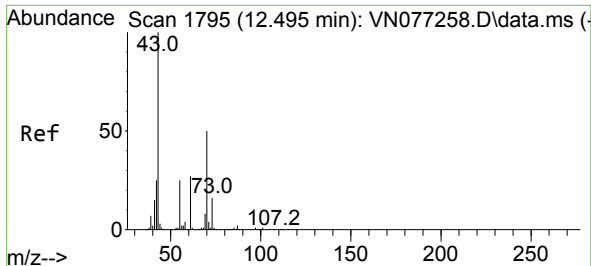
Tgt Ion:106 Resp: 3408
Ion Ratio Lower Upper
106 100
91 187.3 158.7 238.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion:152 Resp: 302064
Ion Ratio Lower Upper
152 100
115 62.3 32.1 96.3
150 155.6 0.0 354.8

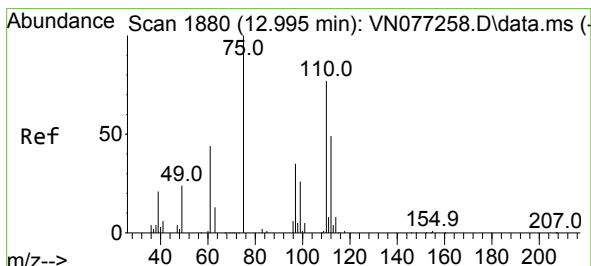
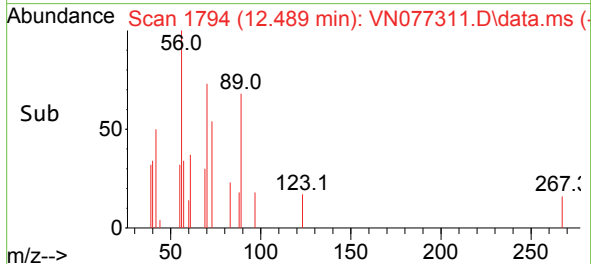
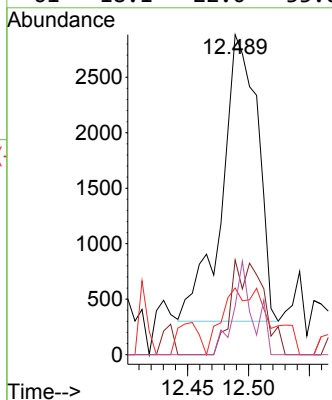
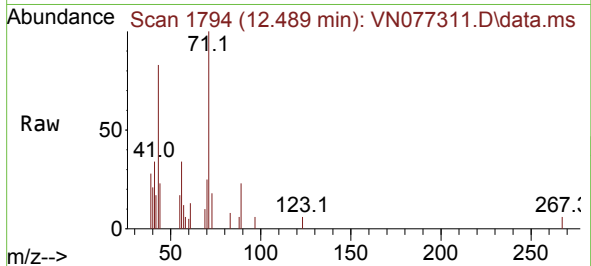




#74
N-amy1 acetate
Concen: 0.475 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

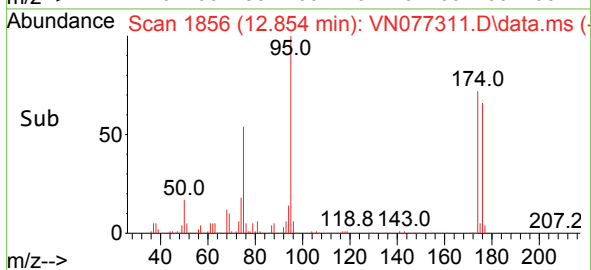
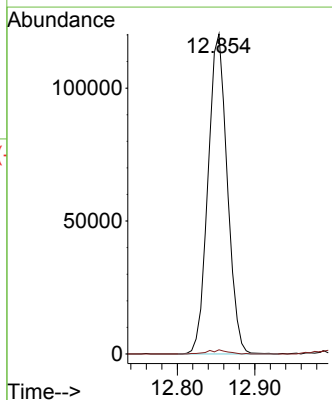
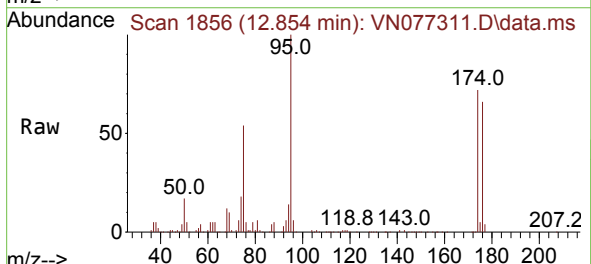
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

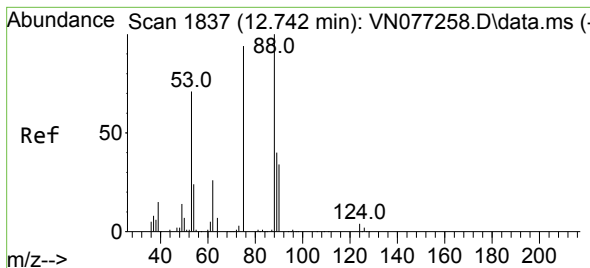
Tgt Ion:	43	Resp:	5283
Ion	Ratio	Lower	Upper
43	100		
70	29.6	41.0	61.6#
55	31.2	19.3	28.9#
61	18.1	22.0	33.0#



#76
1,2,3-Trichloropropane
Concen: 28.849 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion:	75	Resp:	207509
Ion	Ratio	Lower	Upper
75	100		
77	1.3	88.3	264.9#

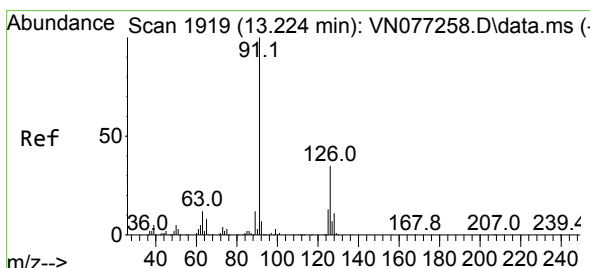
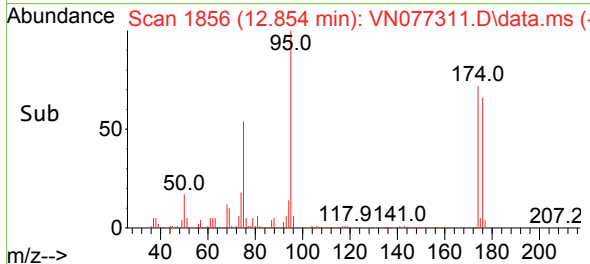
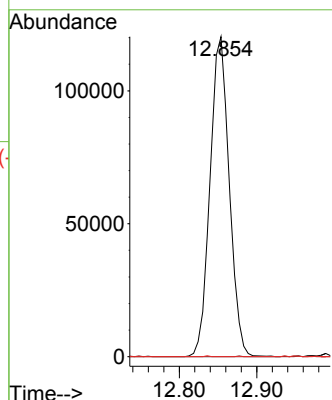
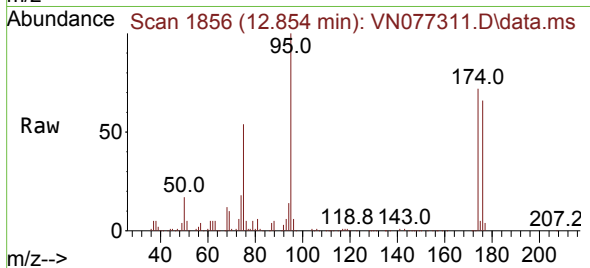




#81
trans-1,4-Dichloro-2-butene
Concen: 64.920 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

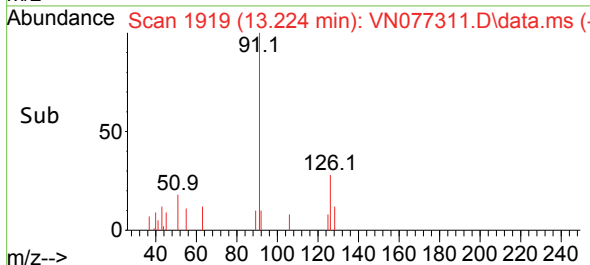
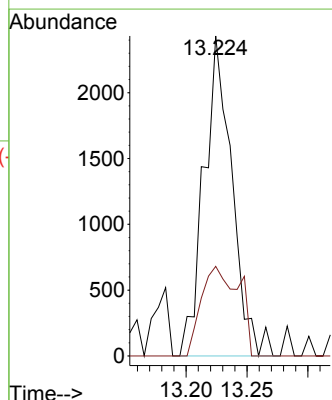
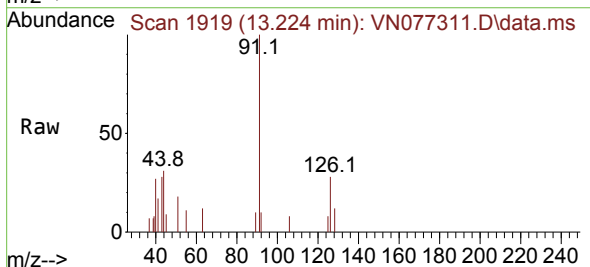
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

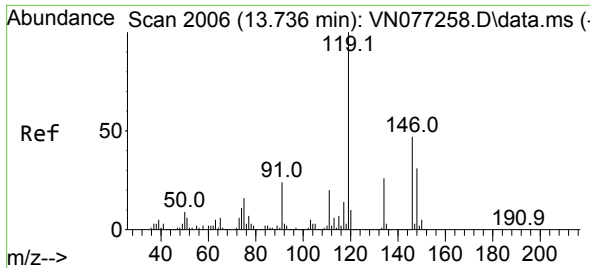
Tgt Ion: 75 Resp: 207509
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.1 37.4 56.2#



#82
4-Chlorotoluene
Concen: 0.212 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion: 91 Resp: 3902
Ion Ratio Lower Upper
91 100
126 37.5 16.9 50.7

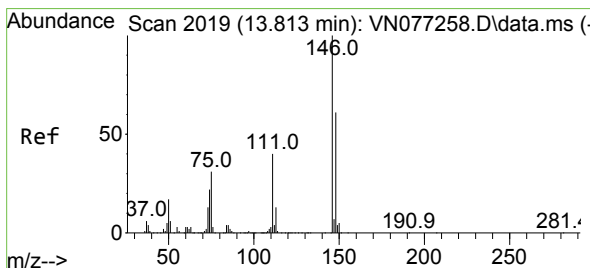
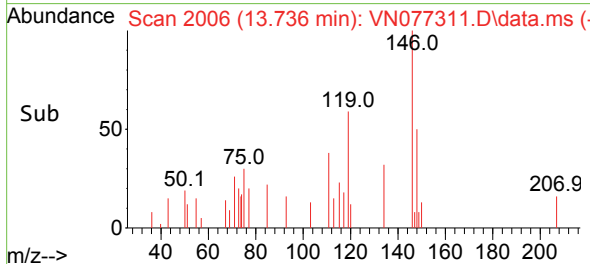
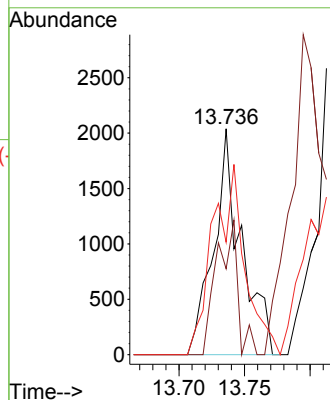
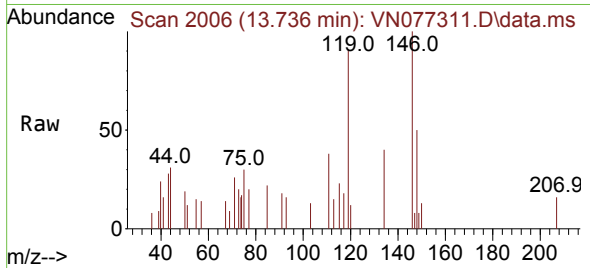




#87
1,3-Dichlorobenzene
Concen: 0.271 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

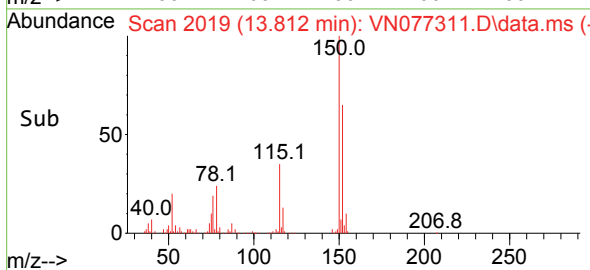
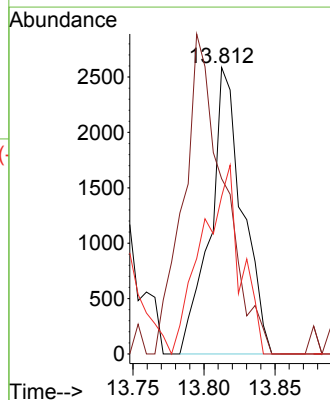
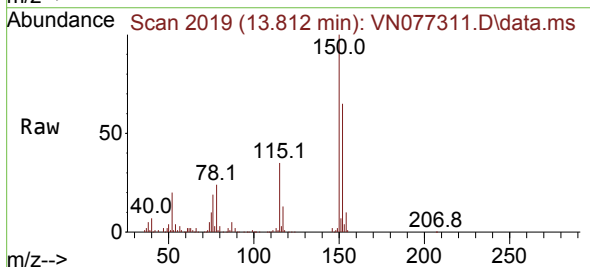
Instrument :
MSVOA_N
ClientSampleId :
PB152053TB

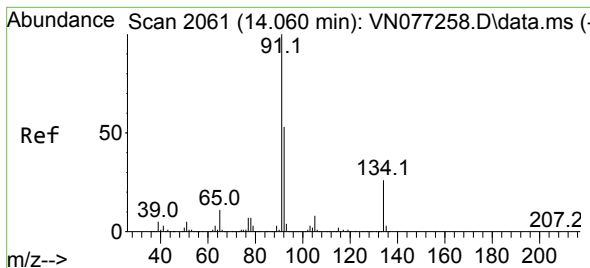
Tgt Ion:146 Resp: 2992
Ion Ratio Lower Upper
146 100
111 45.0 21.8 65.4
148 96.4 31.7 95.1#



#88
1,4-Dichlorobenzene
Concen: 0.375 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077311.D
Acq: 12 Apr 2023 12:41

Tgt Ion:146 Resp: 4079
Ion Ratio Lower Upper
146 100
111 0.0 20.4 61.2#
148 78.6 31.6 95.0





#89

n-Butylbenzene

Concen: 0.288 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.001 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

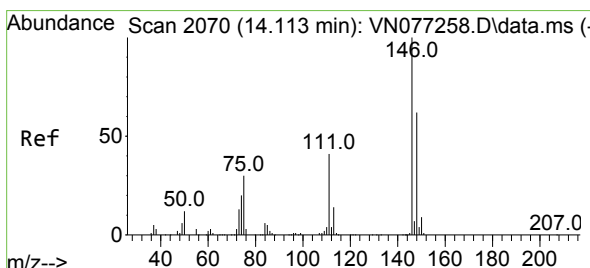
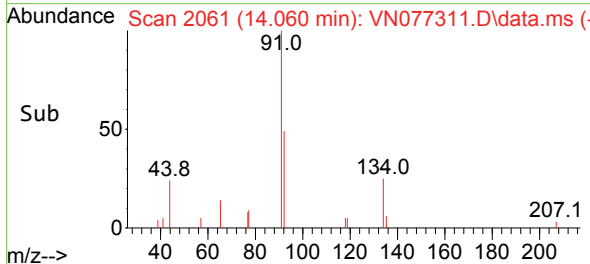
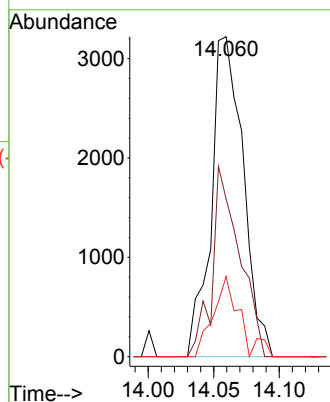
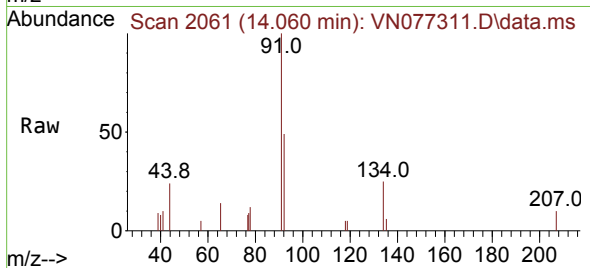
Instrument :

MSVOA_N

ClientSampleId :

PB152053TB

Tgt Ion: 91	Resp:	5463
Ion Ratio	Lower	Upper
91	100	
92	51.0	26.7 80.0
134	20.9	12.8 38.3



#91

1,2-Dichlorobenzene

Concen: 0.259 ug/l

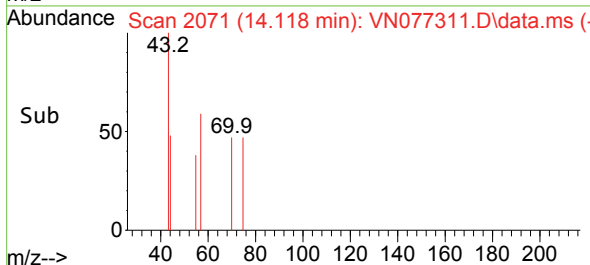
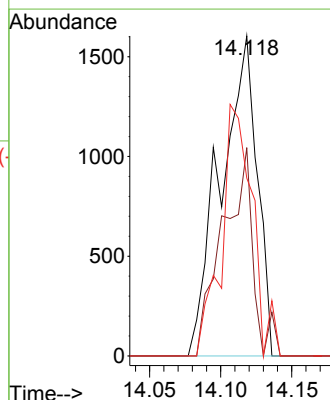
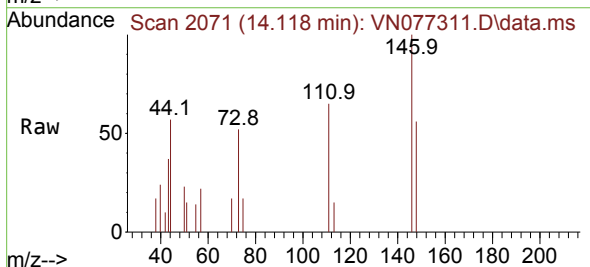
RT: 14.118 min Scan# 2071

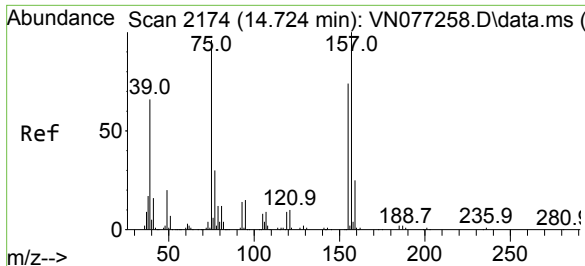
Delta R.T. 0.005 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

Tgt Ion: 146	Resp:	2864
Ion Ratio	Lower	Upper
146	100	
111	53.9	21.9 65.5
148	66.6	31.9 95.5

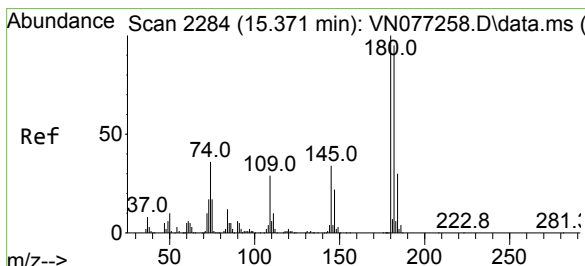
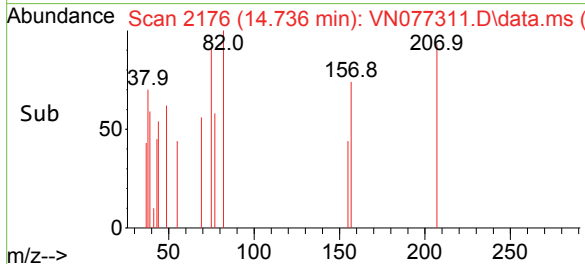
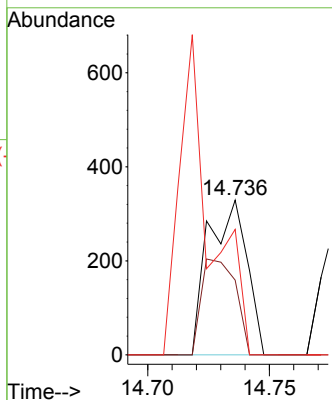
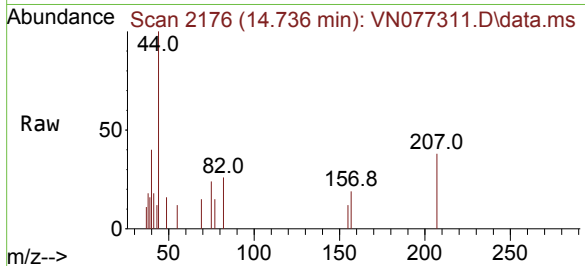




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.208 ug/l
 RT: 14.736 min Scan# 2176
 Delta R.T. 0.012 min
 Lab File: VN077311.D
 Acq: 12 Apr 2023 12:41

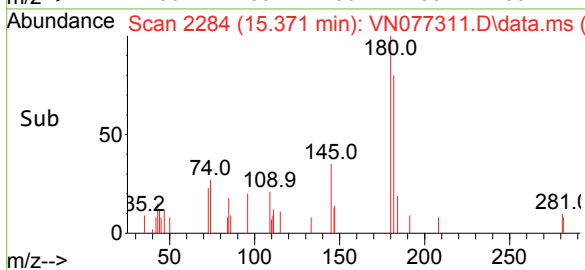
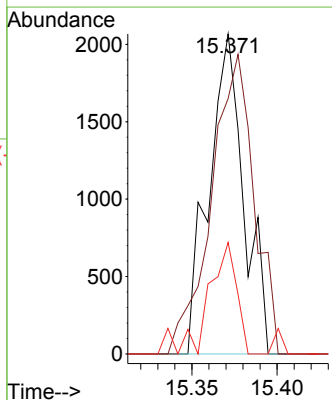
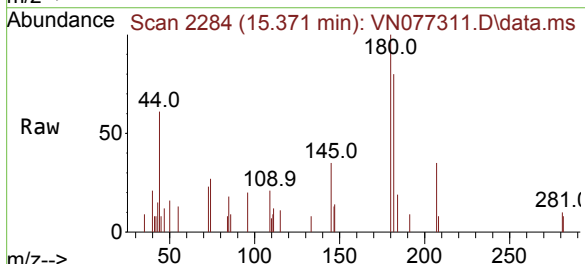
Instrument :
 MSVOA_N
 ClientSampleId :
 PB152053TB

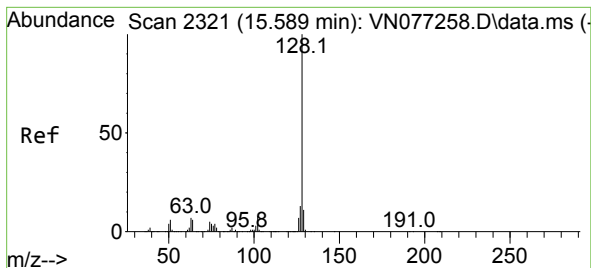
Tgt Ion: 75 Resp: 363
 Ion Ratio Lower Upper
 75 100
 155 54.5 41.0 123.2
 157 165.8 54.0 162.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.741 ug/l
 RT: 15.371 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN077311.D
 Acq: 12 Apr 2023 12:41

Tgt Ion: 180 Resp: 2953
 Ion Ratio Lower Upper
 180 100
 182 114.0 46.7 140.0
 145 26.5 16.6 49.8





#95

Naphthalene

Concen: 1.005 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

PB152053TB

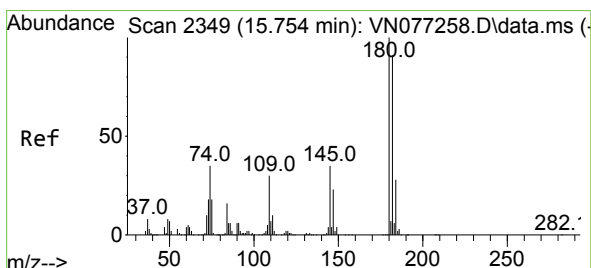
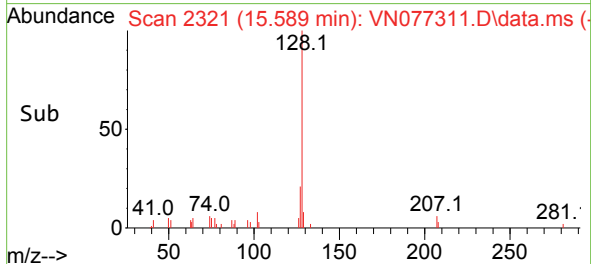
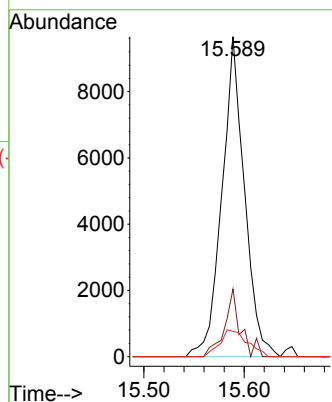
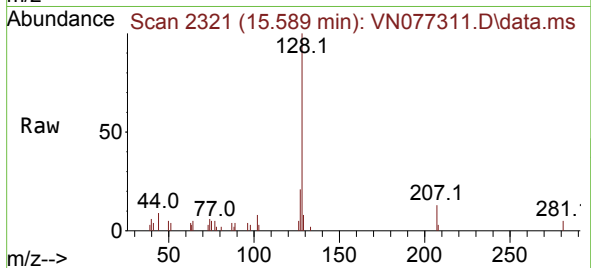
Tgt Ion:128 Resp: 15042

Ion Ratio Lower Upper

128 100

127 15.0 10.2 15.4

129 10.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 1.027 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077311.D

Acq: 12 Apr 2023 12:41

Tgt Ion:180 Resp: 3916

Ion Ratio Lower Upper

180 100

182 84.4 46.9 140.8

145 34.6 17.6 52.8

