

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077555.D
 Acq On : 03 May 2023 12:06
 Operator : JC\MD
 Sample : PB152533TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533TB

Quant Time: May 04 04:43:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	615038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1177236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1102505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	387720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	411076	51.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.440%	
35) Dibromofluoromethane	8.172	113	360161	50.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.800%	
50) Toluene-d8	10.566	98	1444503	53.267	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.540%	
62) 4-Bromofluorobenzene	12.854	95	464182	52.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	254	0.342	ug/l #	43
3) Chloromethane	2.372	50	1402	0.227	ug/l #	82
6) Chloroethane	3.108	64	1420	0.228	ug/l #	43
10) Methyl Iodide	4.613	142	2615	0.303	ug/l #	90
11) Tert butyl alcohol	5.531	59	8337	6.471	ug/l #	83
13) Acrolein	4.196	56	526	0.410	ug/l #	42
15) Acrylonitrile	5.737	53	664	0.227	ug/l #	61
16) Acetone	4.443	43	50355	19.722	ug/l	94
18) Methyl Acetate	5.043	43	2371	0.240	ug/l	98
20) Methylene Chloride	5.284	84	31154	3.848	ug/l	93
25) 2-Butanone	7.490	43	38376	10.597	ug/l	92
29) Tetrahydrofuran	7.843	42	1340	0.591	ug/l #	56
31) Cyclohexane	8.231	56	14130	1.243	ug/l #	1
36) 1,1-Dichloropropene	8.225	75	51842	5.071	ug/l #	48
37) Ethyl Acetate	7.566	43	99258	12.778	ug/l	97
38) Carbon Tetrachloride	8.231	117	69985	6.205	ug/l #	16
42) 1,2-Dichloroethane	8.690	62	4001	0.374	ug/l #	73
43) Isopropyl Acetate	8.690	43	410569	30.552	ug/l #	90
48) Methyl methacrylate	9.666	41	14406	2.355	ug/l #	33
49) 1,4-Dioxane	9.707	88	172	1.121	ug/l #	30
51) 4-Methyl-2-Pentanone	10.448	43	15636	1.984	ug/l	91
52) Toluene	10.636	92	19189	0.941	ug/l	95
54) cis-1,3-Dichloropropene	10.360	75	212042	16.803	ug/l #	61
57) 1,3-Dichloropropane	11.207	76	26508	2.029	ug/l #	42
59) 2-Hexanone	11.172	43	346989	60.562	ug/l #	19
74) N-amyl acetate	12.495	43	4713	0.442	ug/l #	79
76) 1,2,3-Trichloropropane	12.854	75	238934	26.501	ug/l #	1
77) Bromobenzene	12.989	156	1926	0.246	ug/l	80
81) trans-1,4-Dichloro-2-b...	12.854	75	238934	74.870	ug/l #	15
82) 4-Chlorotoluene	13.230	91	5512	0.240	ug/l	84
87) 1,3-Dichlorobenzene	13.736	146	4138	0.297	ug/l	90
88) 1,4-Dichlorobenzene	13.736	146	4138	0.301	ug/l	87
89) n-Butylbenzene	14.066	91	6783	0.320	ug/l	96
91) 1,2-Dichlorobenzene	14.113	146	4449	0.322	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	14.724	75	648	0.310	ug/l	83
93) 1,2,4-Trichlorobenzene	15.389	180	3561	2.048	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

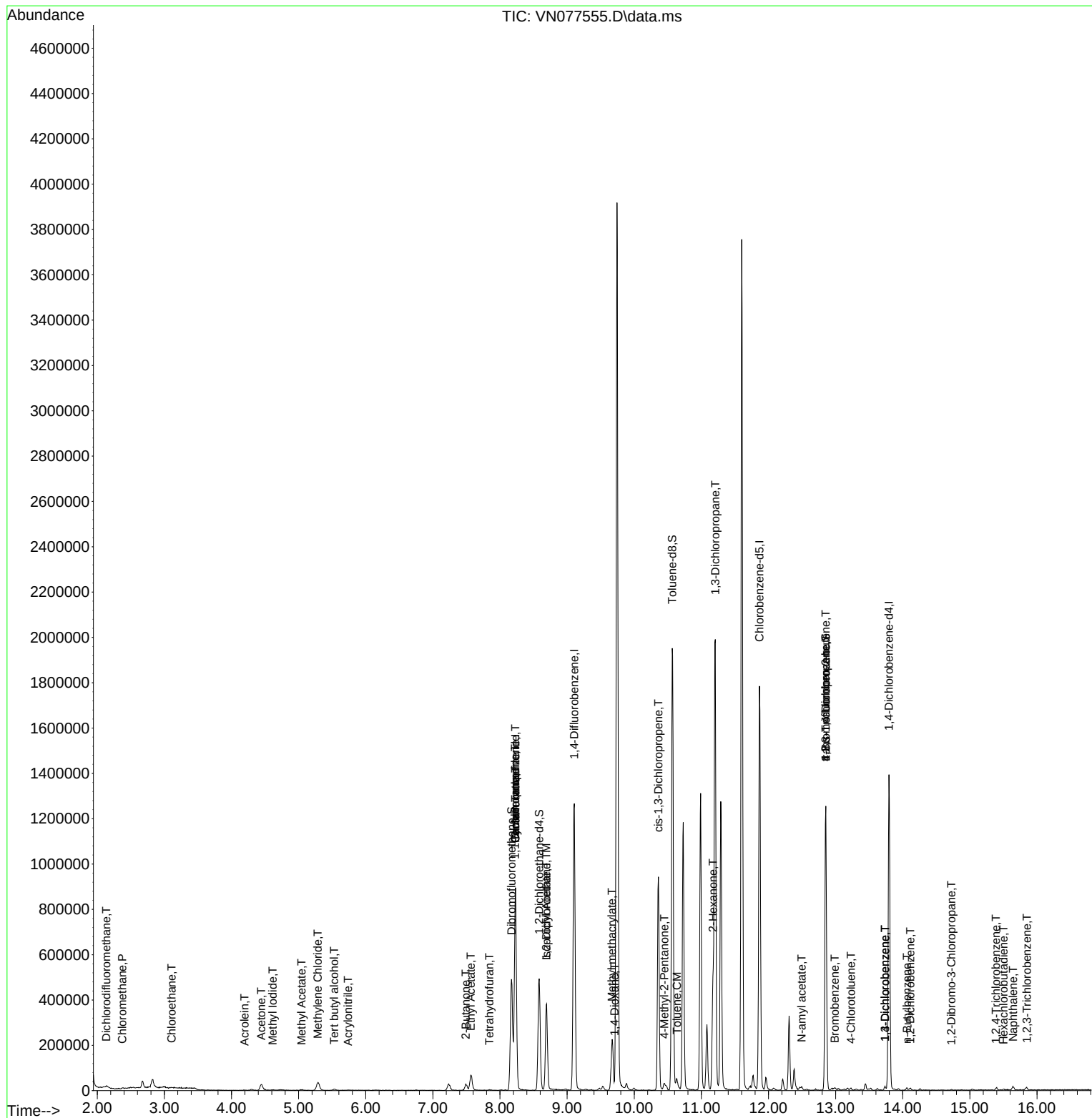
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.501	225	953	0.341	ug/l	80
95) Naphthalene	15.642	128	15543	2.612	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.848	180	3871	1.959	ug/l	94

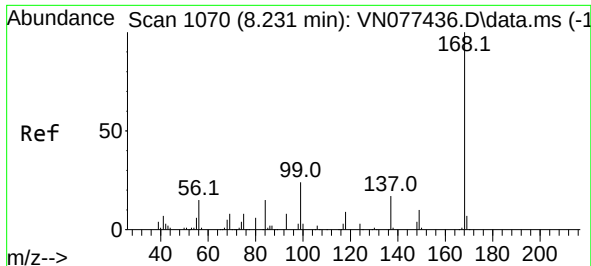
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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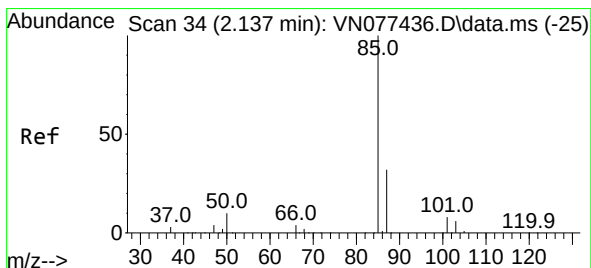
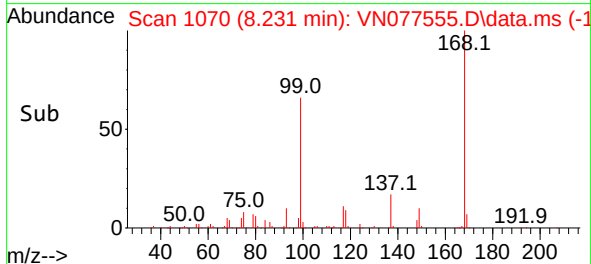
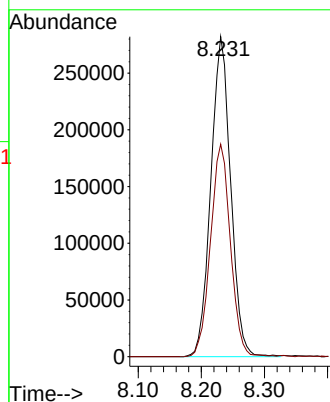
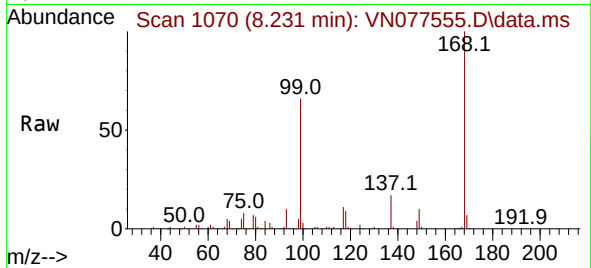




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

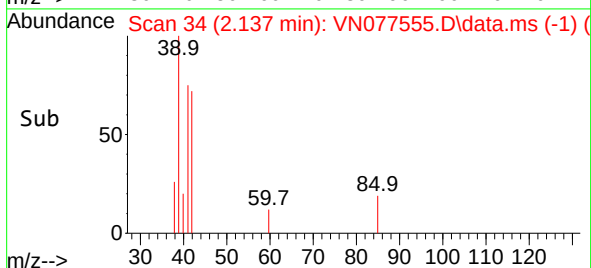
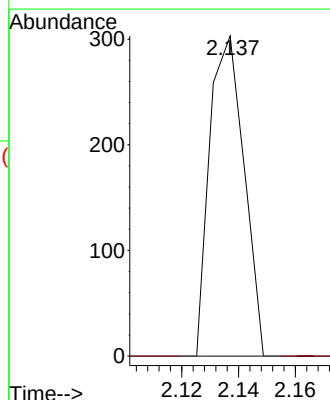
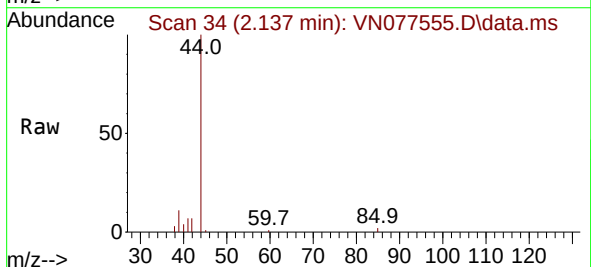
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

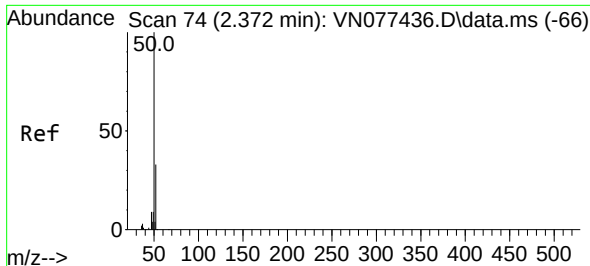
Tgt Ion:168 Resp: 615038
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.342 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 85 Resp: 254
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

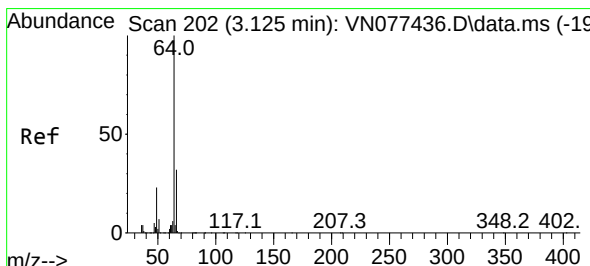
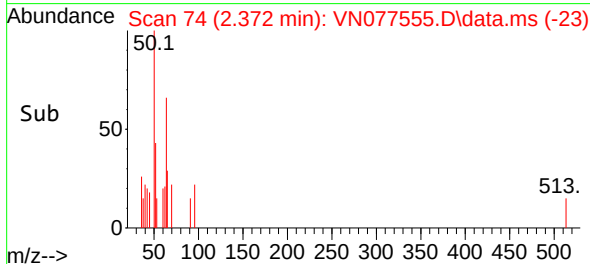
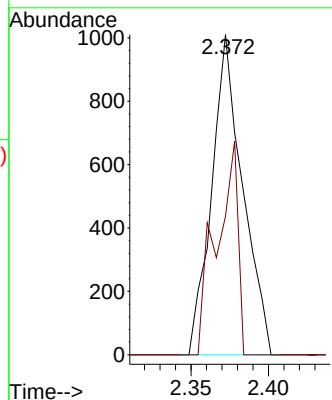
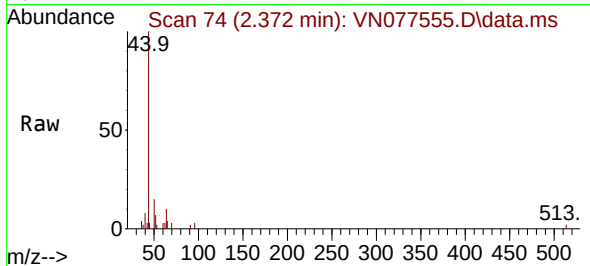




#3
Chloromethane
Concen: 0.227 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

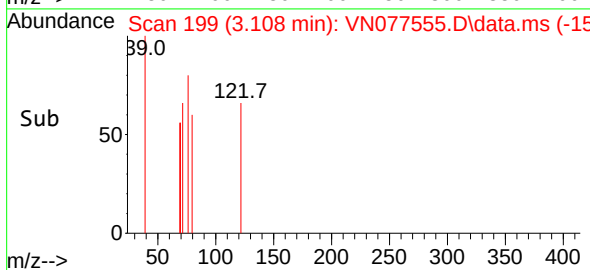
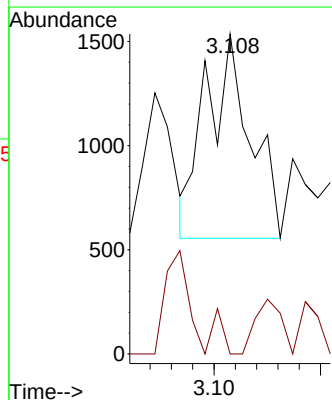
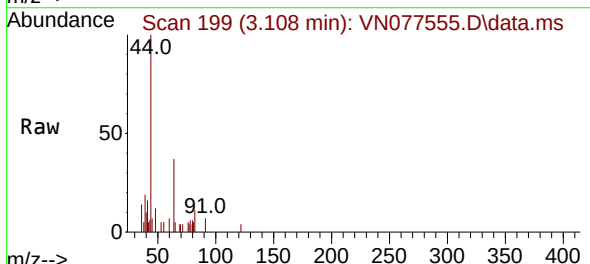
Instrument :
MSVOA_N
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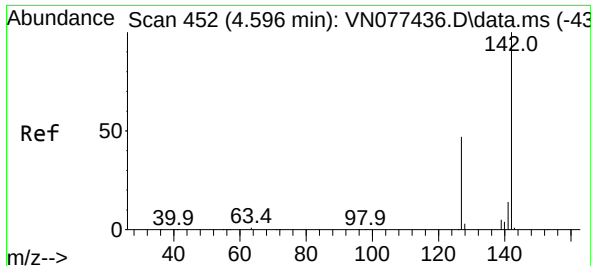
Tgt Ion: 50 Resp: 1402
Ion Ratio Lower Upper
50 100
52 43.3 26.5 39.7#



#6
Chloroethane
Concen: 0.228 ug/l
RT: 3.108 min Scan# 199
Delta R.T. -0.018 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 64 Resp: 1420
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

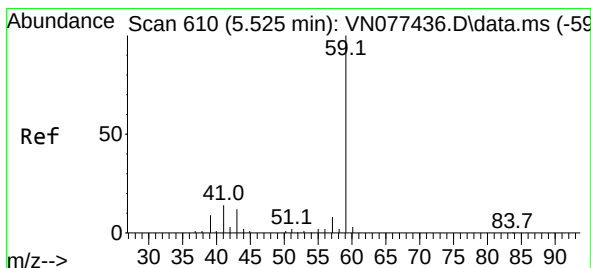
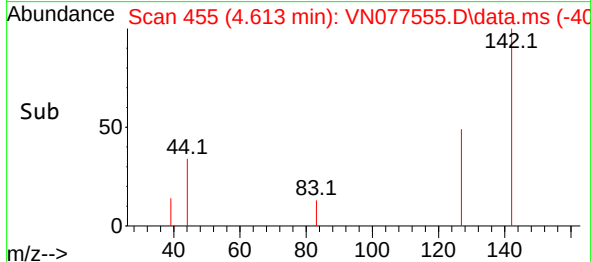
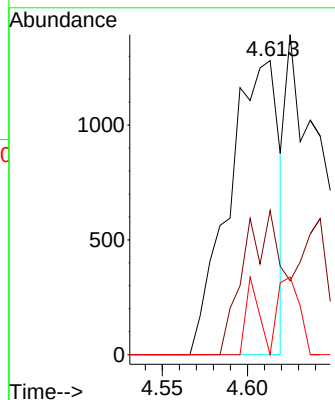
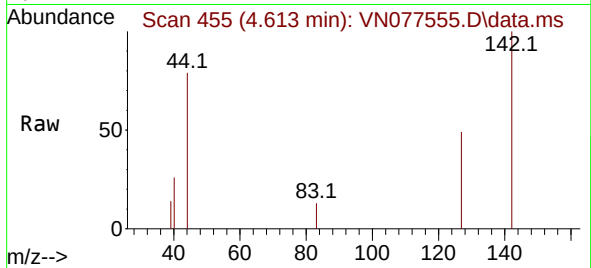




#10
Methyl Iodide
Concen: 0.303 ug/l
RT: 4.613 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

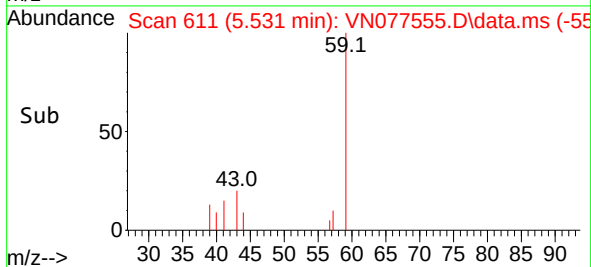
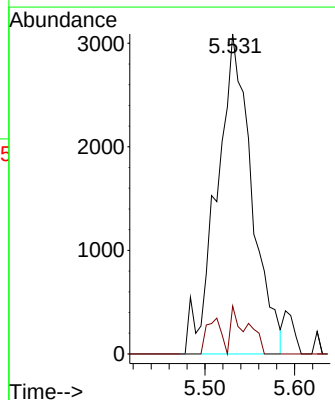
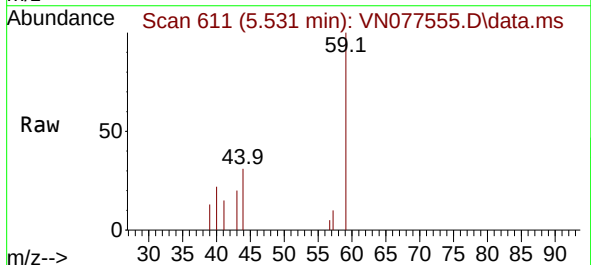
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

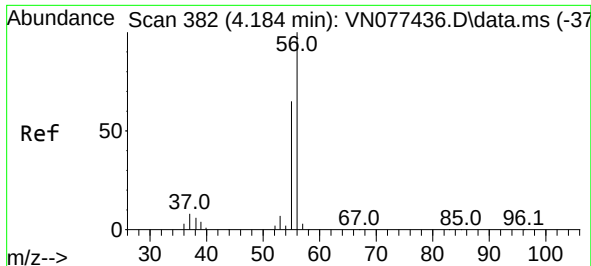
Tgt Ion:142 Resp: 2615
Ion Ratio Lower Upper
142 100
127 49.0 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 6.471 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 59 Resp: 8337
Ion Ratio Lower Upper
59 100
57 4.0 8.2 12.4#

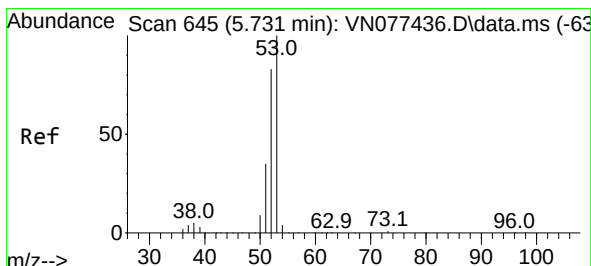
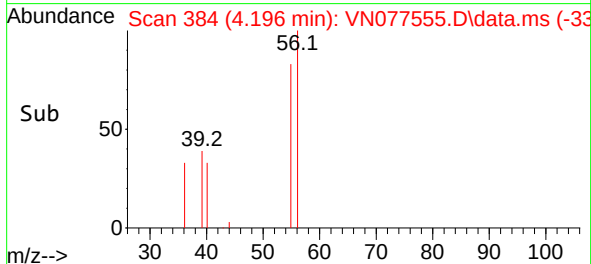
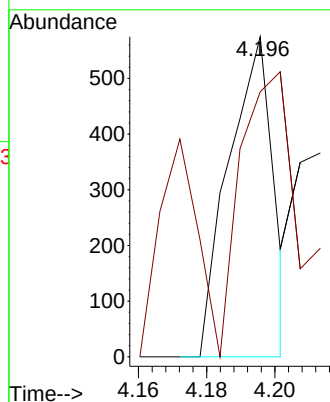
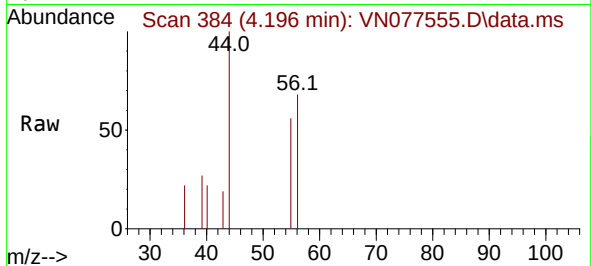




#13
Acrolein
Concen: 0.410 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

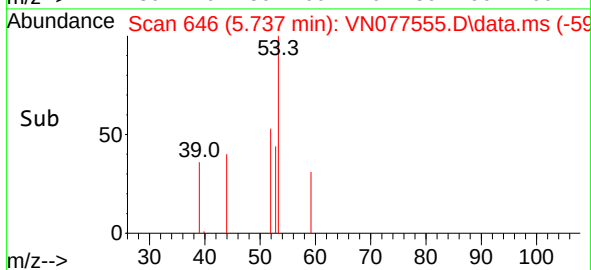
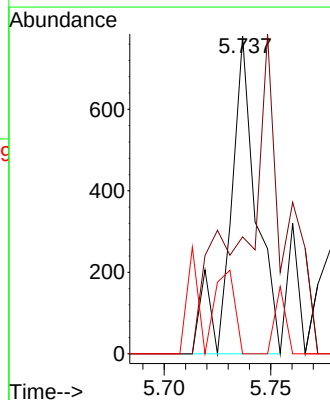
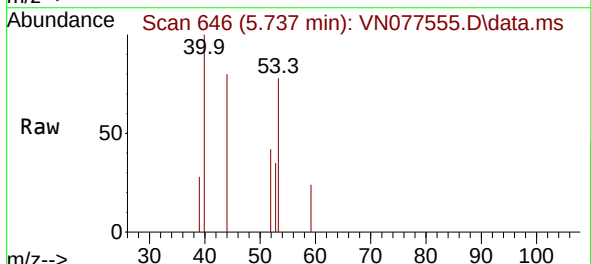
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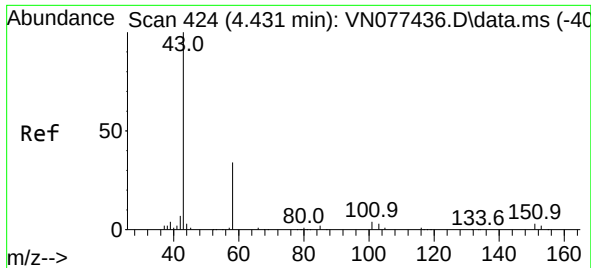
Tgt Ion: 56 Resp: 526
Ion Ratio Lower Upper
56 100
55 115.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.227 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 53 Resp: 664
Ion Ratio Lower Upper
53 100
52 41.7 65.3 97.9#
51 20.2 28.9 43.3#

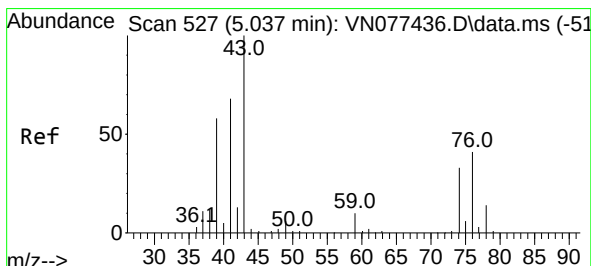
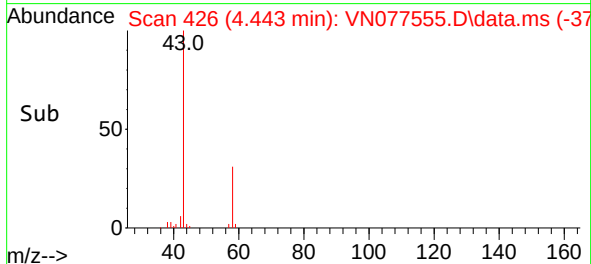
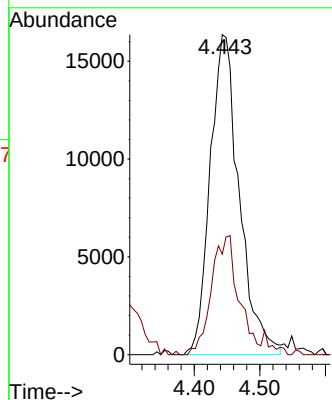
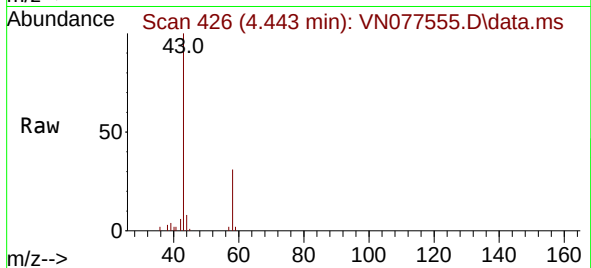




#16
Acetone
Concen: 19.722 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

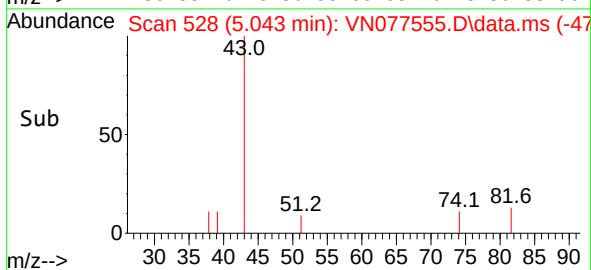
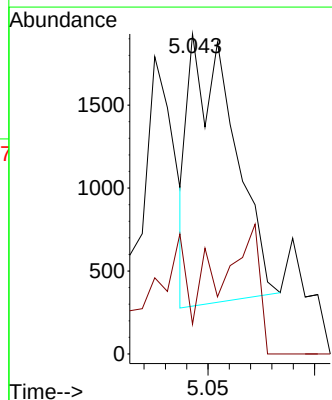
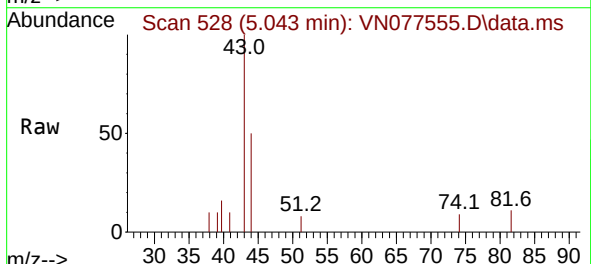
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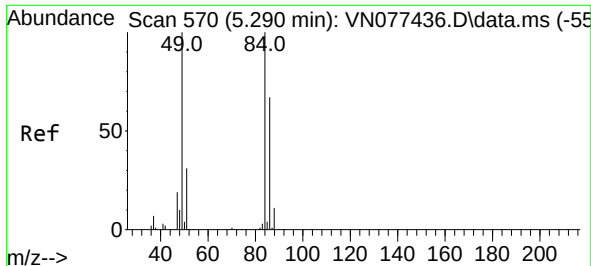
Tgt Ion: 43 Resp: 50355
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0



#18
Methyl Acetate
Concen: 0.240 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

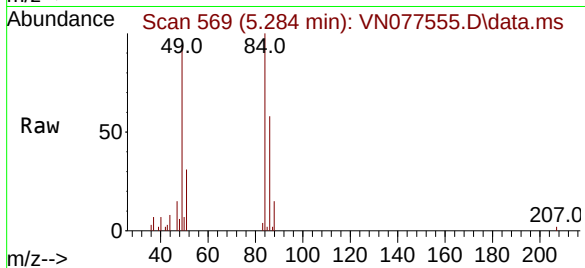
Tgt Ion: 43 Resp: 2371
Ion Ratio Lower Upper
43 100
74 33.8 26.2 39.4



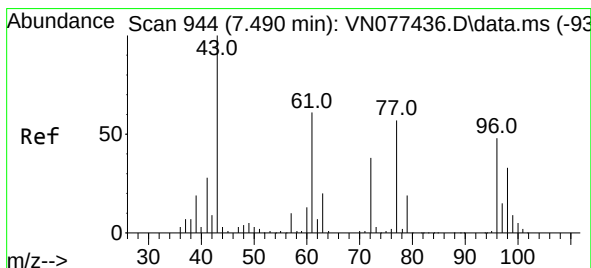
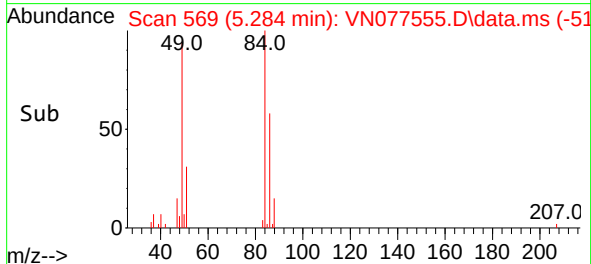
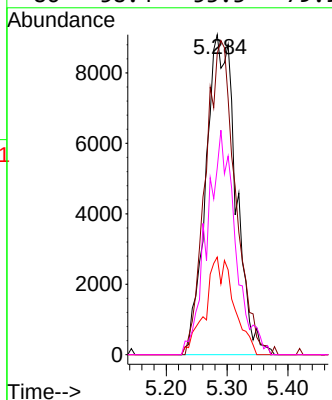


#20
Methylene Chloride
Concen: 3.848 ug/l
RT: 5.284 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Instrument :
MSVOA_N
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PB152533TB

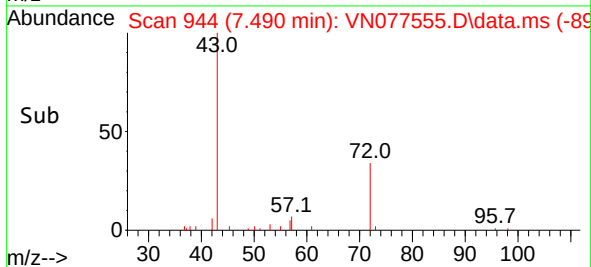
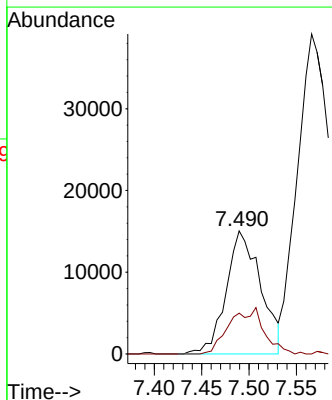
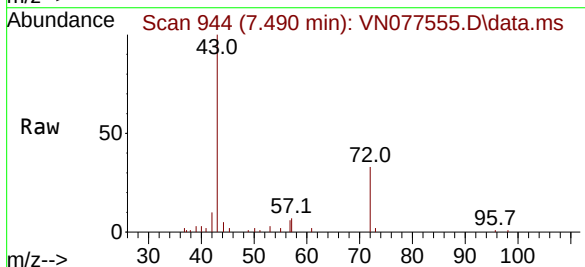


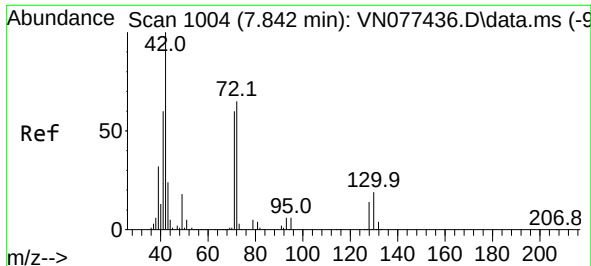
Tgt Ion:	84	Resp:	31154
Ion	Ratio	Lower	Upper
84	100		
49	94.1	79.7	119.5
51	30.5	25.2	37.8
86	58.4	53.3	79.9



#25
2-Butanone
Concen: 10.597 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion:	43	Resp:	38376
Ion	Ratio	Lower	Upper
43	100		
72	33.1	30.2	45.2





#29

Tetrahydrofuran

Concen: 0.591 ug/l

RT: 7.843 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN077555.D

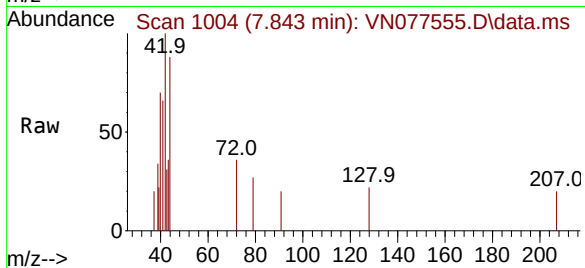
Acq: 03 May 2023 12:06

Instrument :

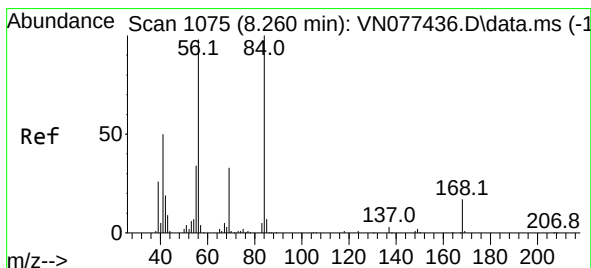
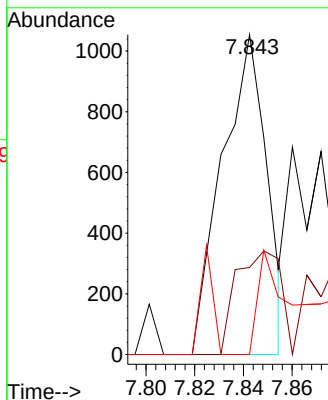
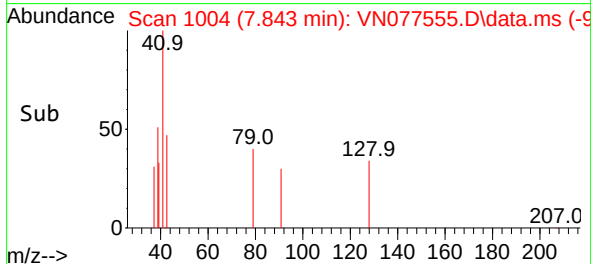
MSVOA_N

ClientSampleId :

PB152533TB



Tgt Ion:	42	Resp:	1340
Ion Ratio	100	Lower	Upper
72	32.2	49.8	74.6#
71	22.7	47.4	71.2#



#31

Cyclohexane

Concen: 1.243 ug/l

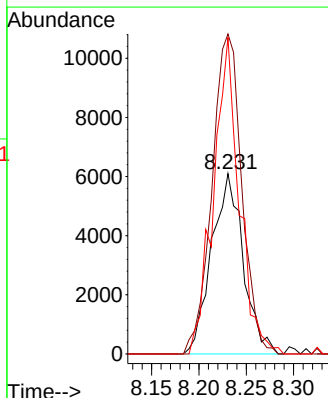
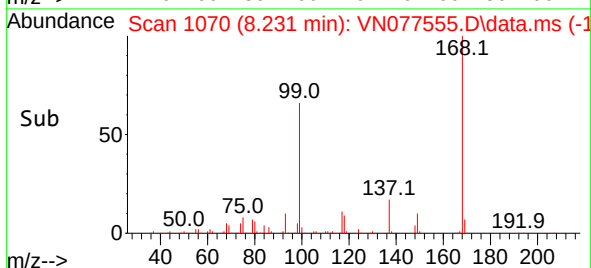
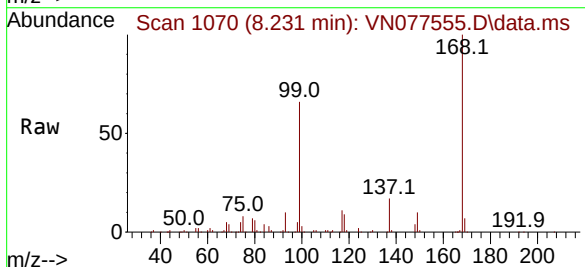
RT: 8.231 min Scan# 1070

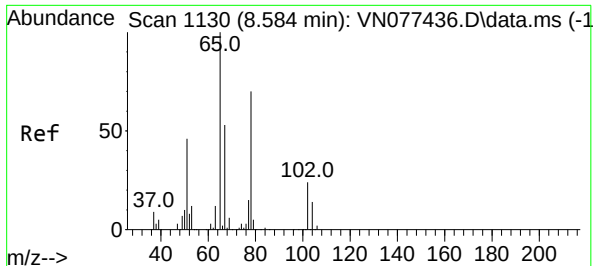
Delta R.T. -0.029 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Tgt Ion:	56	Resp:	14130
Ion Ratio	100	Lower	Upper
69	177.5	26.8	40.2#
84	175.6	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 51.221 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

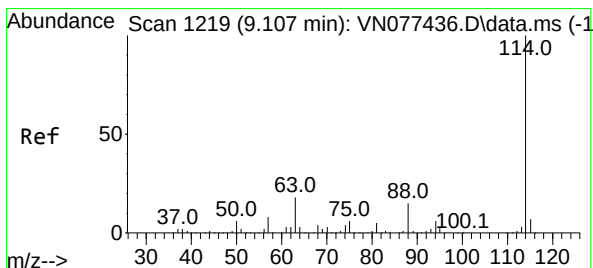
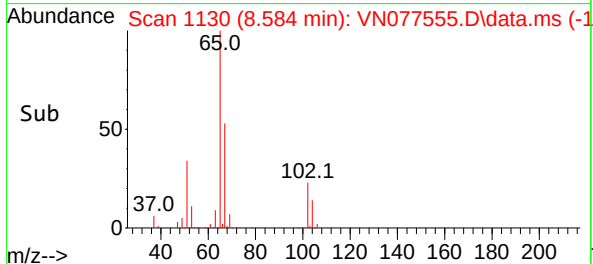
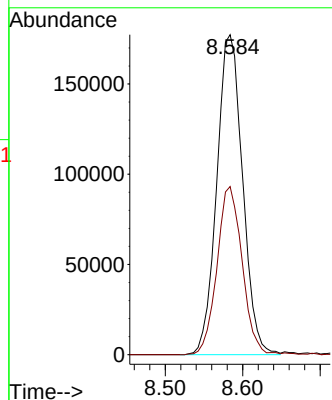
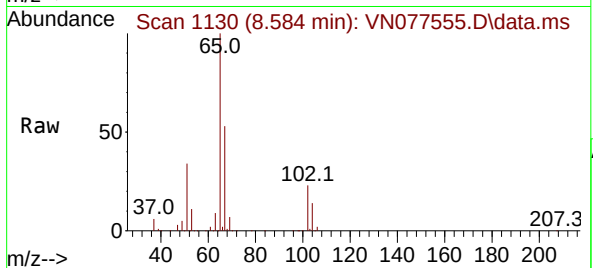
PB152533TB

Tgt Ion: 65 Resp: 411076

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

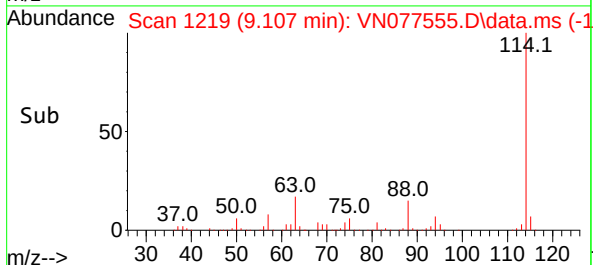
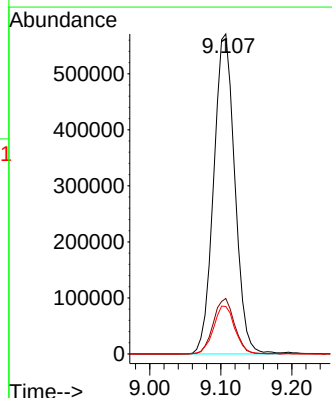
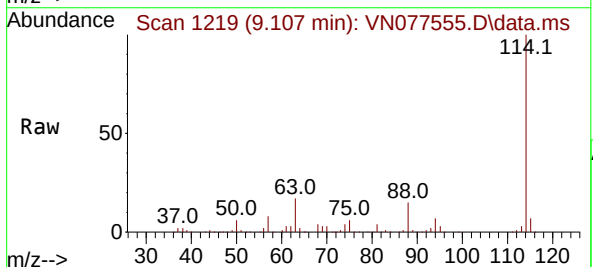
Tgt Ion: 114 Resp: 1177236

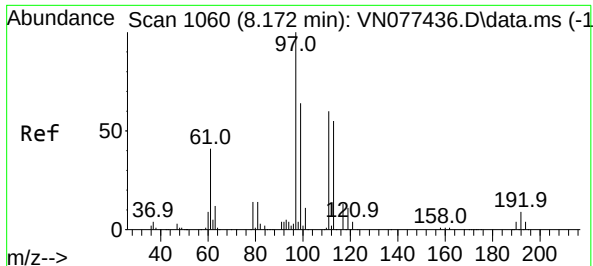
Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.901 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB152533TB

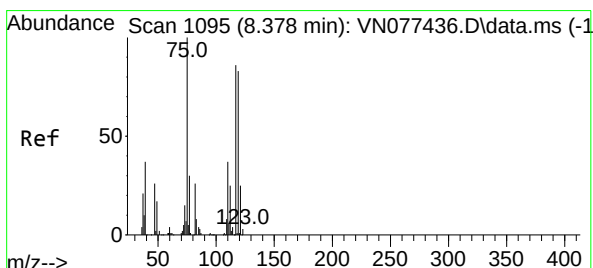
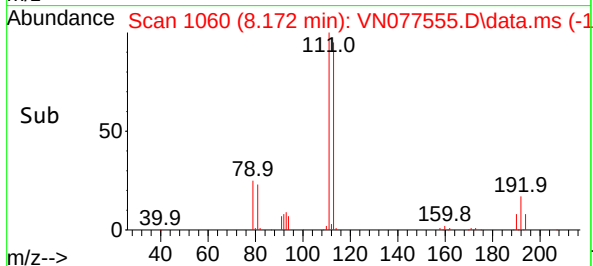
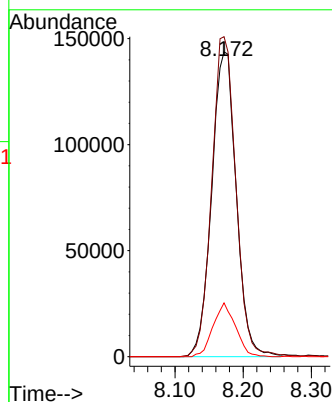
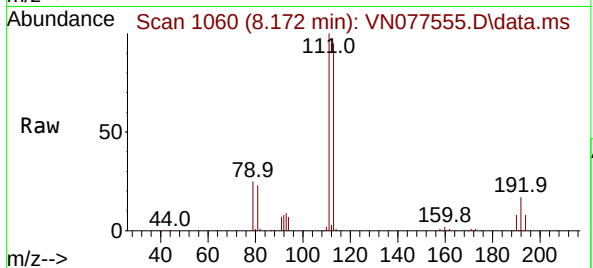
Tgt Ion:113 Resp: 360161

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 16.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.071 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.153 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

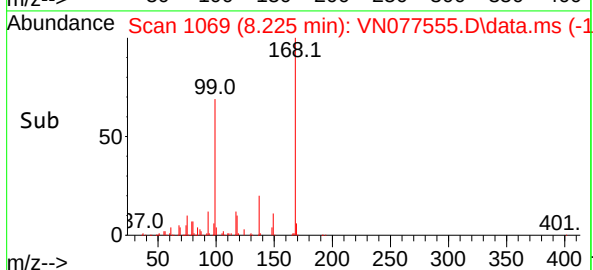
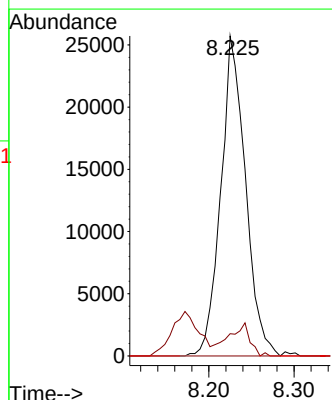
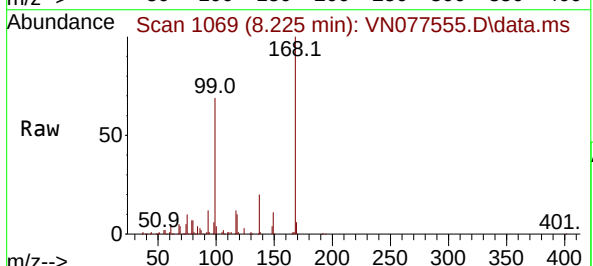
Tgt Ion: 75 Resp: 51842

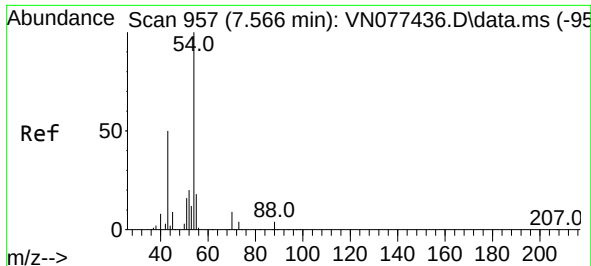
Ion Ratio Lower Upper

75 100

110 8.6 19.1 57.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 12.778 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN077555.D

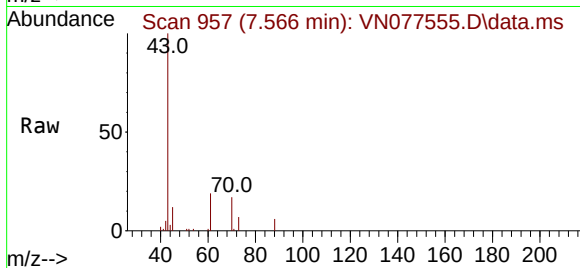
Acq: 03 May 2023 12:06

Instrument :

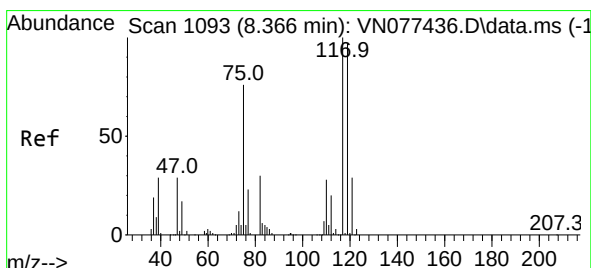
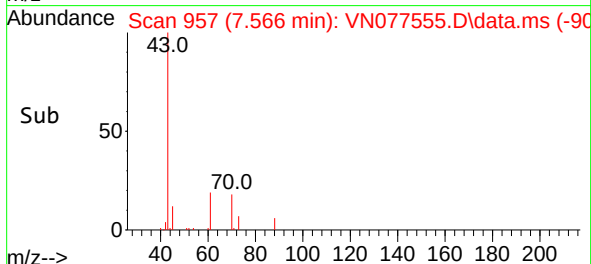
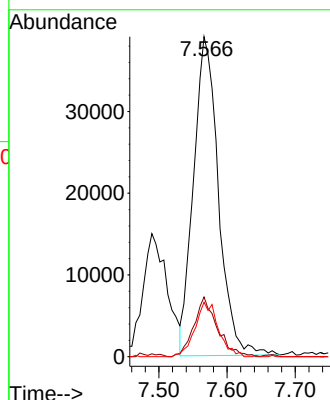
MSVOA_N

ClientSampleId :

PB152533TB



Tgt Ion:	43	Resp:	99258
Ion	Ratio	Lower	Upper
43	100		
61	17.5	13.2	19.8
70	16.0	11.3	16.9



#38

Carbon Tetrachloride

Concen: 6.205 ug/l

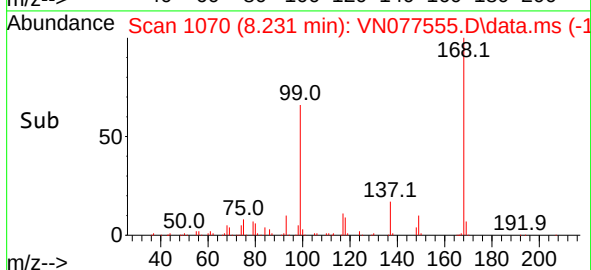
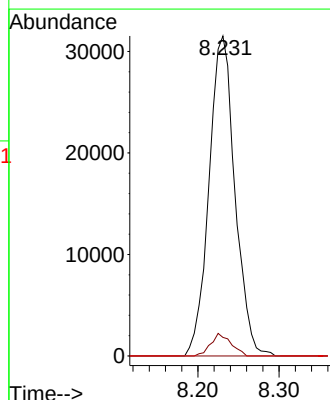
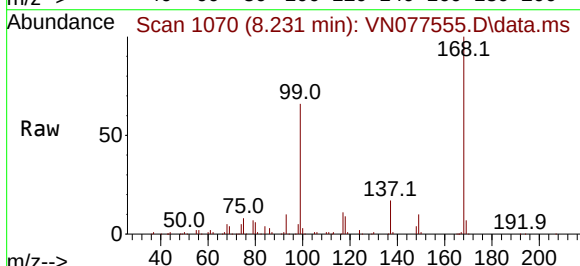
RT: 8.231 min Scan# 1070

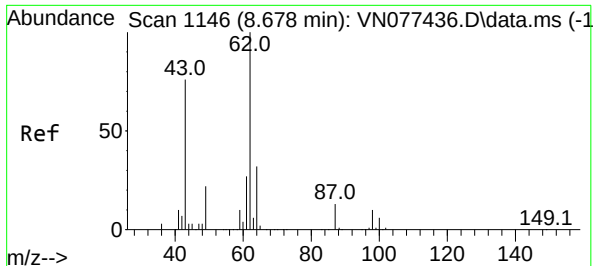
Delta R.T. -0.135 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Tgt Ion:	117	Resp:	69985
Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.3	115.9#
121	0.0	23.3	34.9#

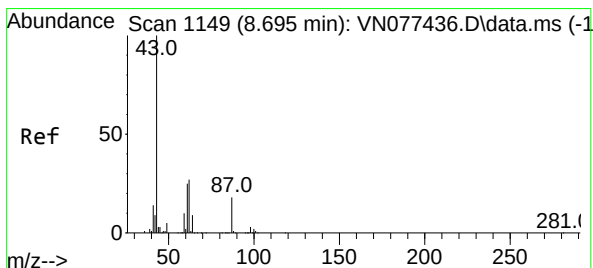
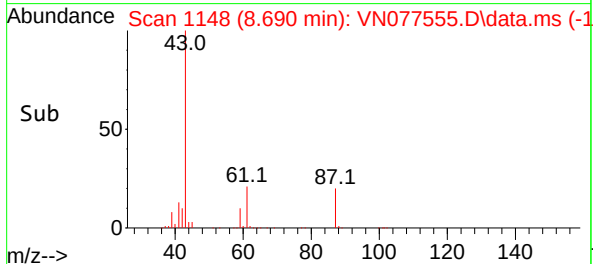
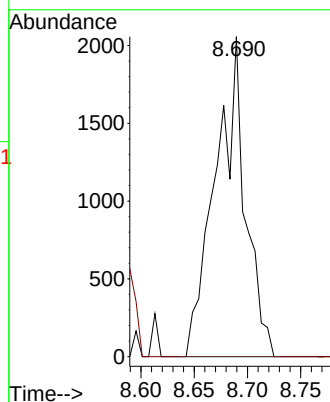
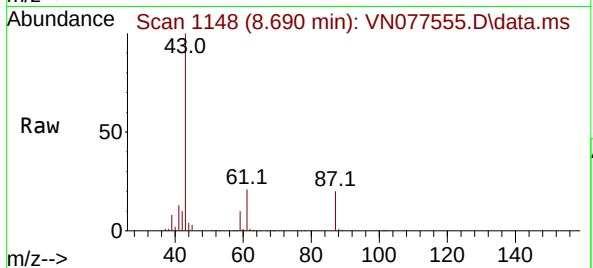




#42
1,2-Dichloroethane
Concen: 0.374 ug/l
RT: 8.690 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

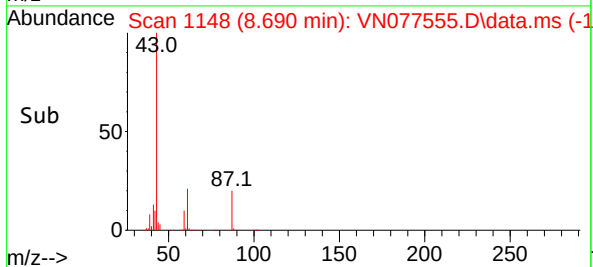
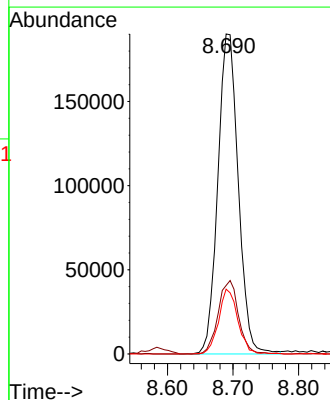
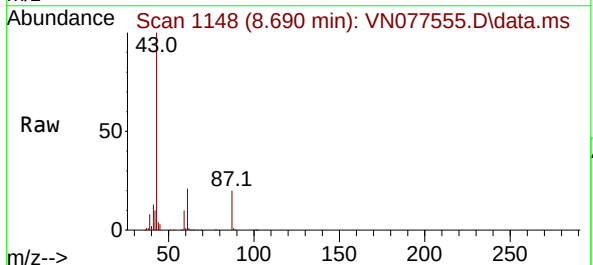
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

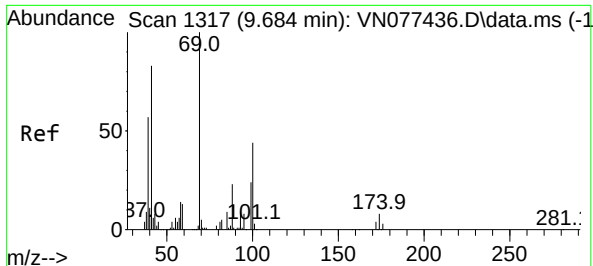
Tgt Ion: 62 Resp: 4001
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8



#43
Isopropyl Acetate
Concen: 30.552 ug/l
RT: 8.690 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 43 Resp: 410569
Ion Ratio Lower Upper
43 100
61 23.0 24.7 37.1#
87 19.1 14.6 21.8

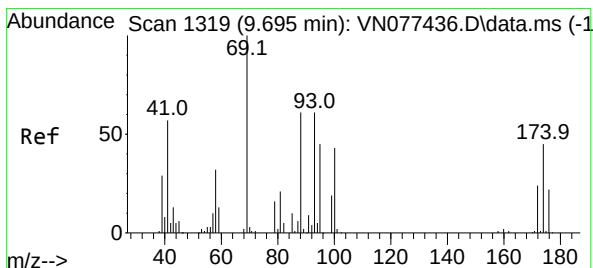
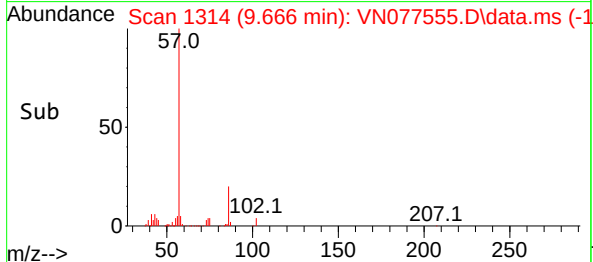
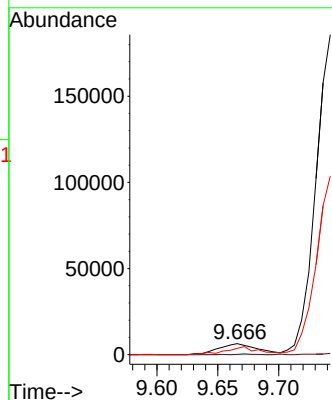
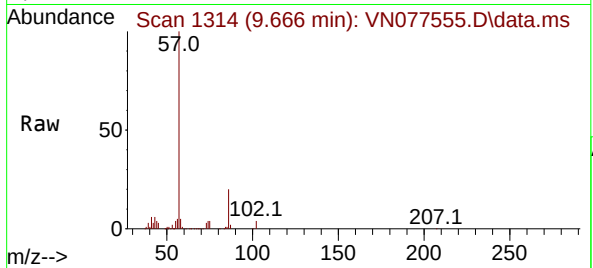




#48
Methyl methacrylate
Concen: 2.355 ug/l
RT: 9.666 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

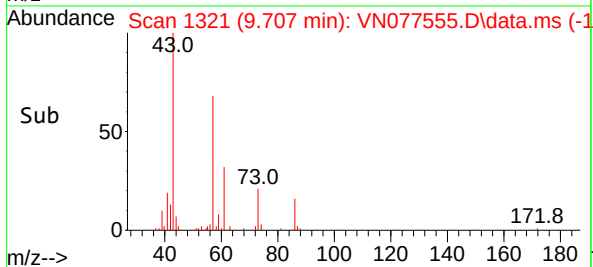
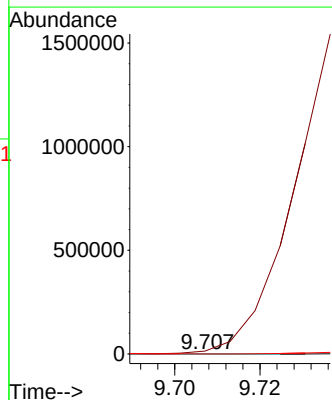
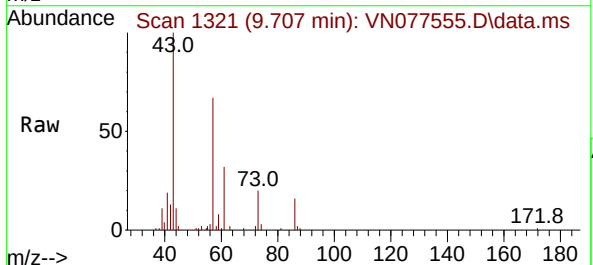
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

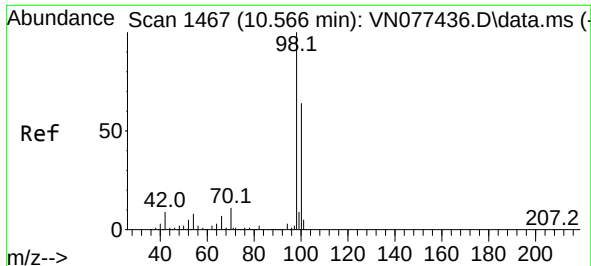
Tgt Ion: 41 Resp: 14406
Ion Ratio Lower Upper
41 100
69 3.0 90.4 135.6#
39 61.1 54.6 81.8



#49
1,4-Dioxane
Concen: 1.121 ug/l
RT: 9.707 min Scan# 1321
Delta R.T. 0.012 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 88 Resp: 172
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

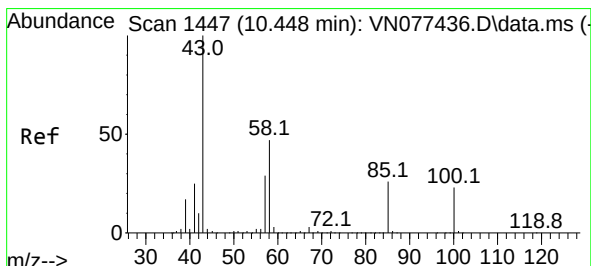
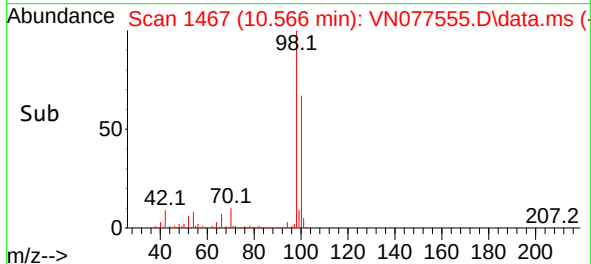
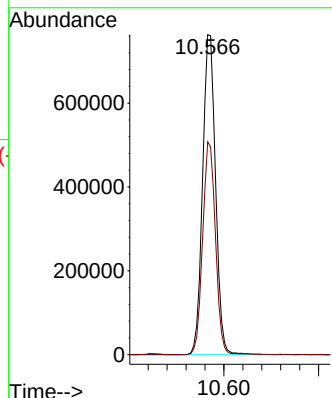
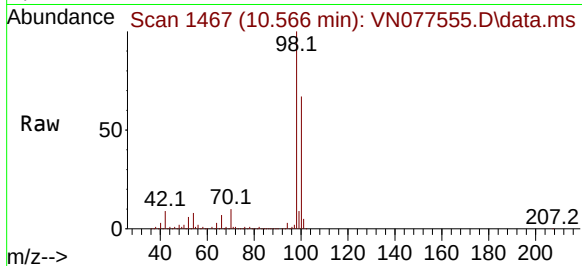




#50
Toluene-d8
Concen: 53.267 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

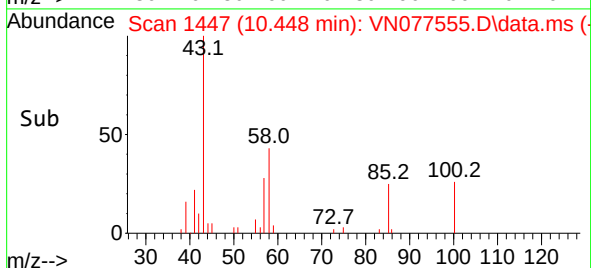
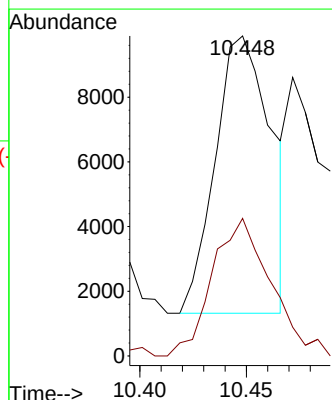
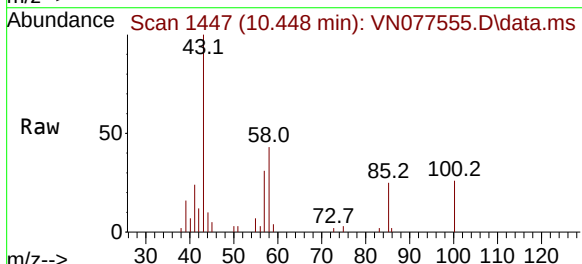
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

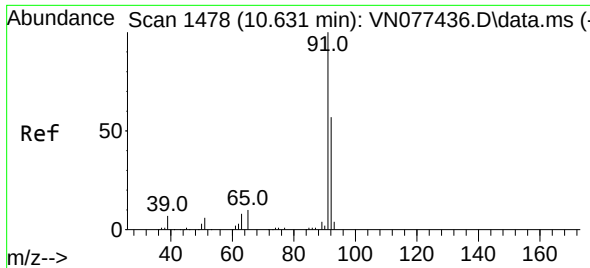
Tgt Ion: 98 Resp: 1444503
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.984 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 43 Resp: 15636
Ion Ratio Lower Upper
43 100
58 51.9 36.6 54.8

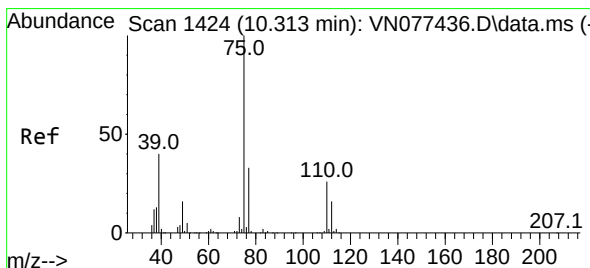
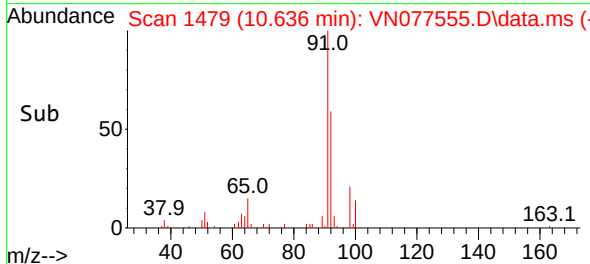
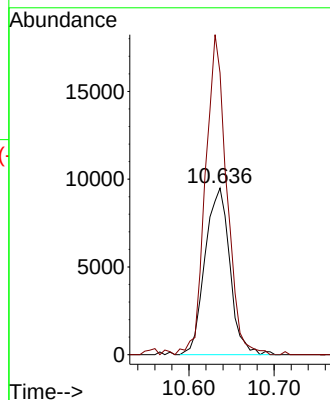
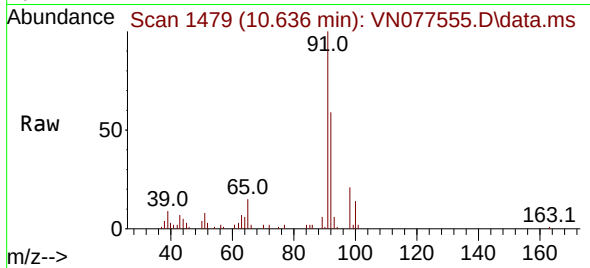




#52
Toluene
Concen: 0.941 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

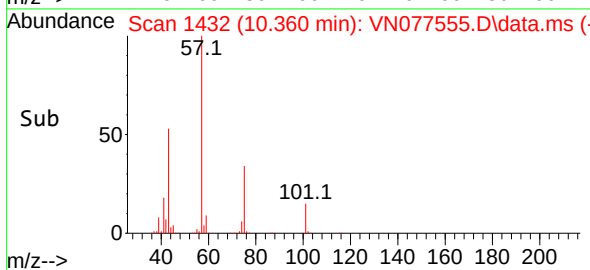
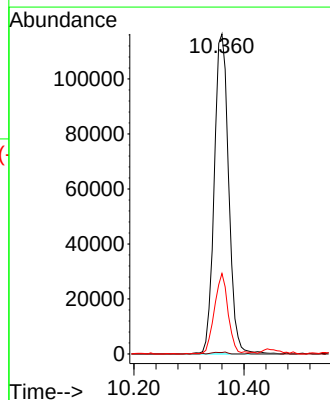
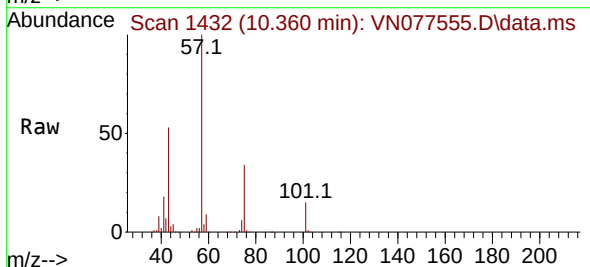
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

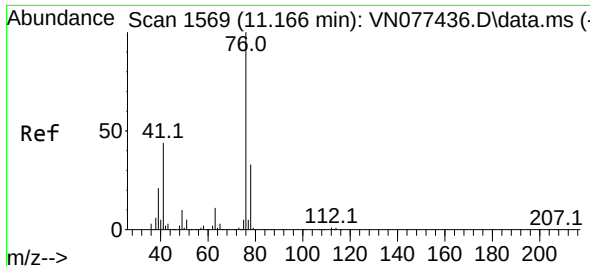
Tgt Ion: 92 Resp: 19189
Ion Ratio Lower Upper
92 100
91 165.3 137.4 206.0



#54
cis-1,3-Dichloropropene
Concen: 16.803 ug/l
RT: 10.360 min Scan# 1432
Delta R.T. 0.047 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 75 Resp: 212042
Ion Ratio Lower Upper
75 100
77 0.5 26.1 39.1#
39 25.1 31.6 47.4#





#57

1,3-Dichloropropane

Concen: 2.029 ug/l

RT: 11.207 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

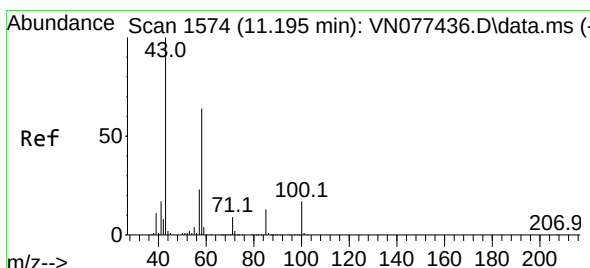
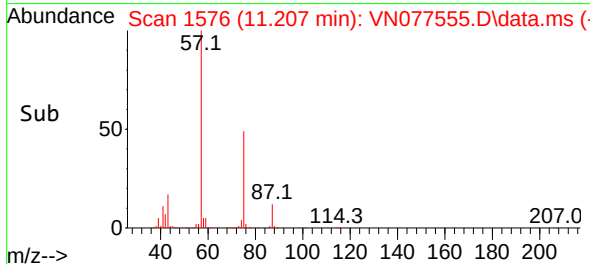
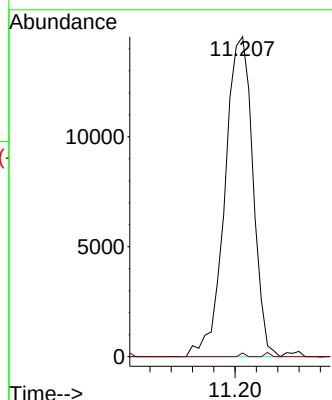
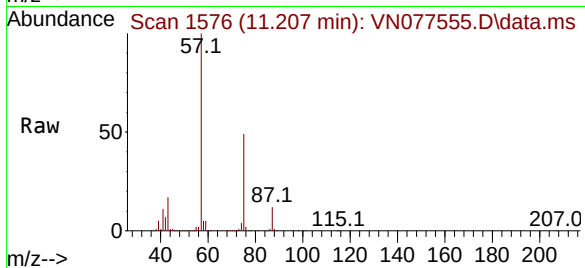
PB152533TB

Tgt Ion: 76 Resp: 26508

Ion Ratio Lower Upper

76 100

78 0.2 26.1 39.1#



#59

2-Hexanone

Concen: 60.562 ug/l

RT: 11.172 min Scan# 1570

Delta R.T. -0.023 min

Lab File: VN077555.D

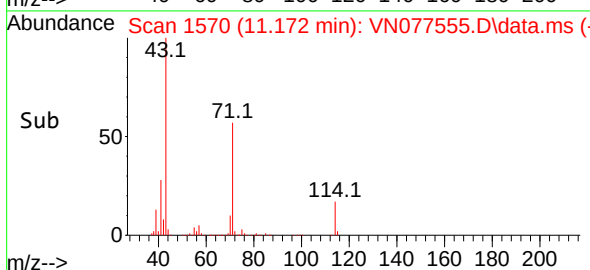
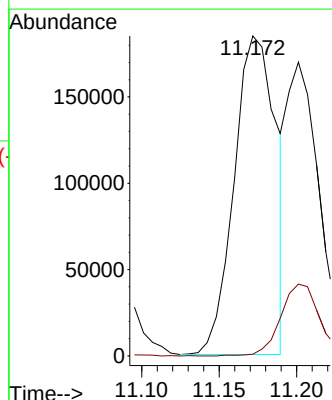
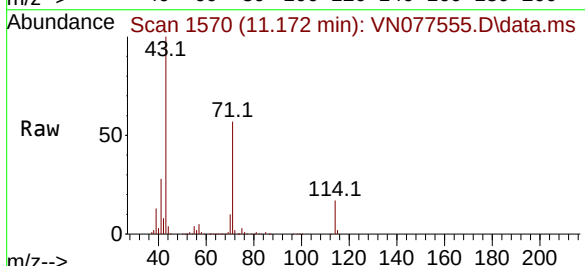
Acq: 03 May 2023 12:06

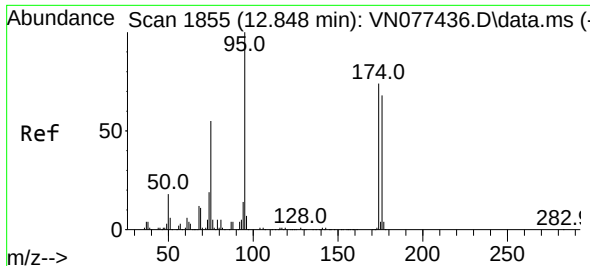
Tgt Ion: 43 Resp: 346989

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

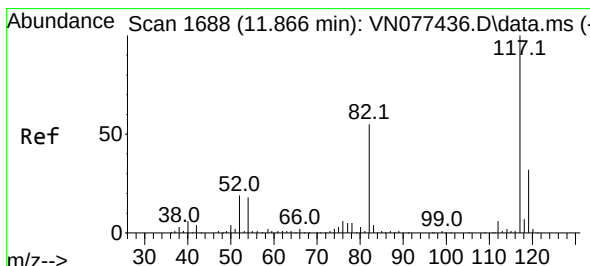
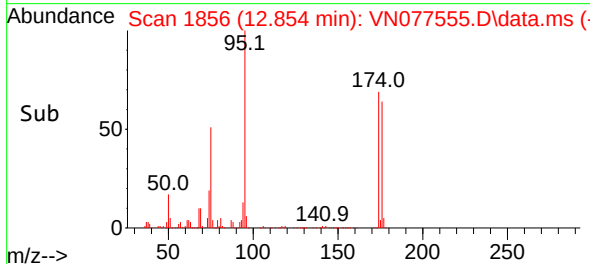
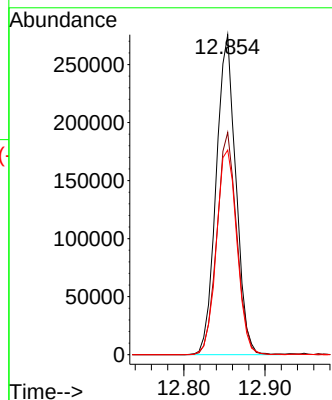
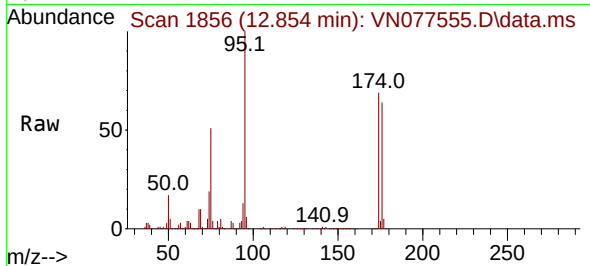




#62
4-Bromofluorobenzene
Concen: 52.317 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

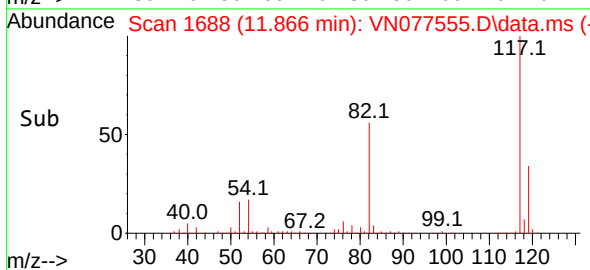
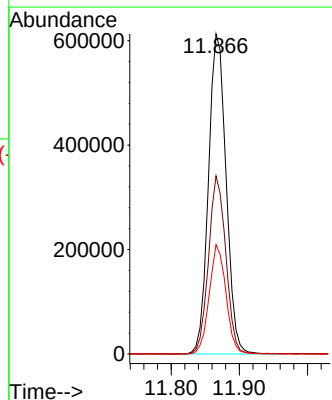
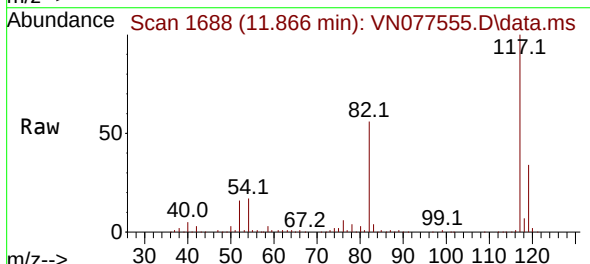
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

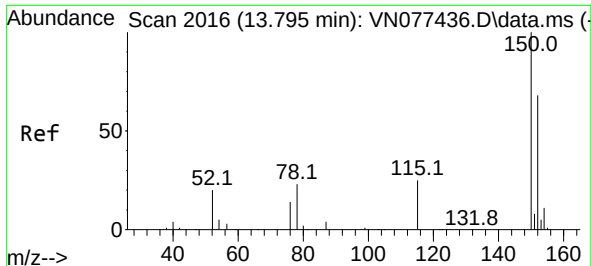
Tgt Ion: 95 Resp: 464182
Ion Ratio Lower Upper
95 100
174 70.2 0.0 143.8
176 66.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 117 Resp: 1102505
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 34.2 25.6 38.4

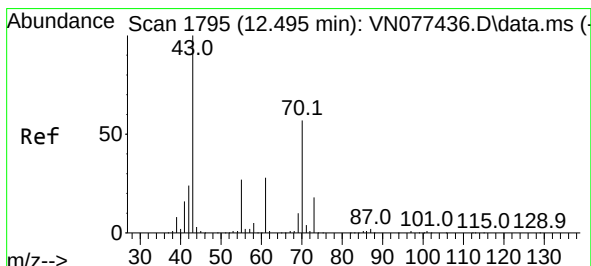
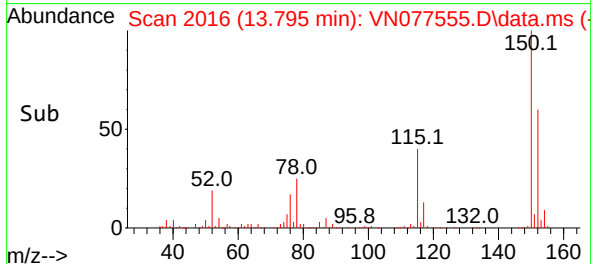
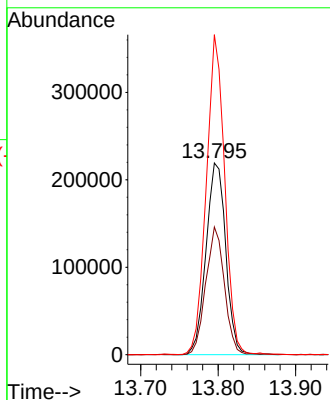
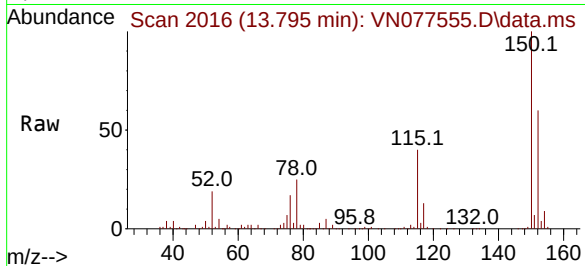




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN077555.D
 Acq: 03 May 2023 12:06

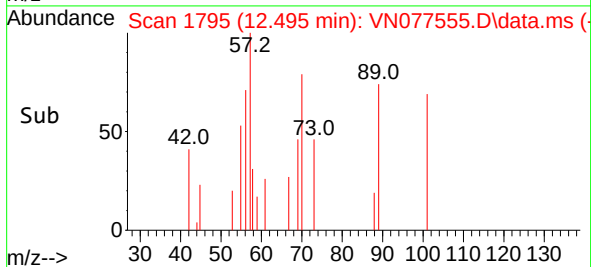
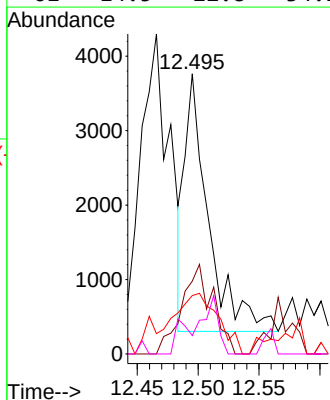
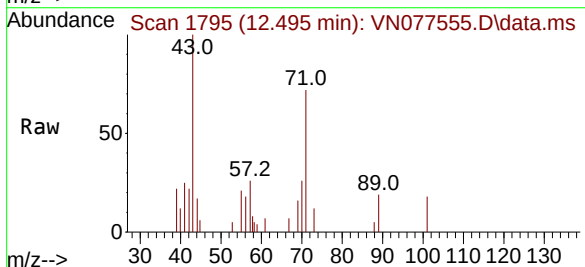
Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533TB

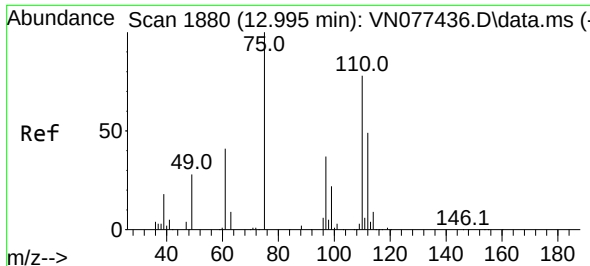
Tgt Ion:152 Resp: 387720
 Ion Ratio Lower Upper
 152 100
 115 63.2 32.3 96.8
 150 155.6 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.442 ug/l
 RT: 12.495 min Scan# 1795
 Delta R.T. 0.000 min
 Lab File: VN077555.D
 Acq: 03 May 2023 12:06

Tgt Ion: 43 Resp: 4713
 Ion Ratio Lower Upper
 43 100
 70 45.3 43.4 65.2
 55 43.4 21.4 32.0#
 61 14.5 22.8 34.2#

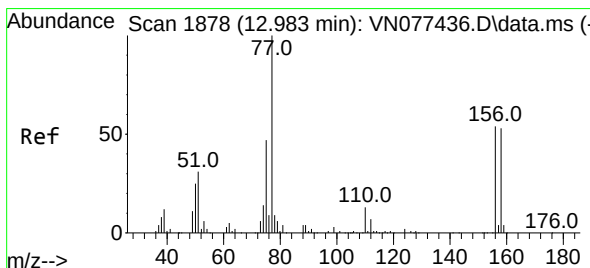
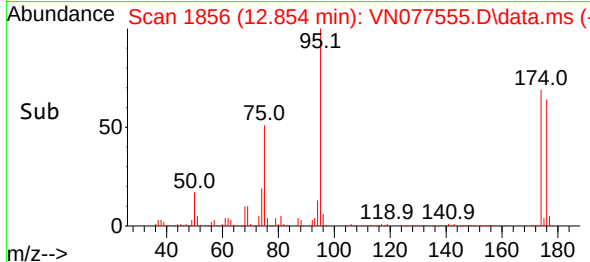
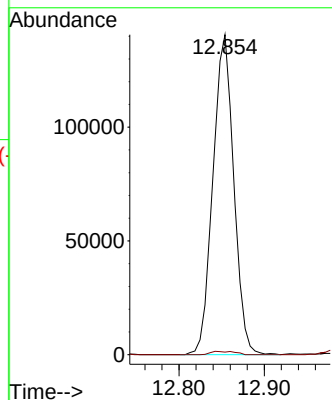
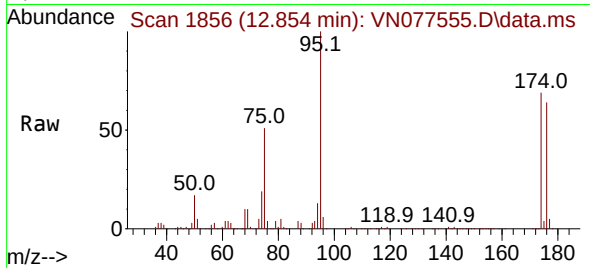




#76
1,2,3-Trichloropropane
Concen: 26.501 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

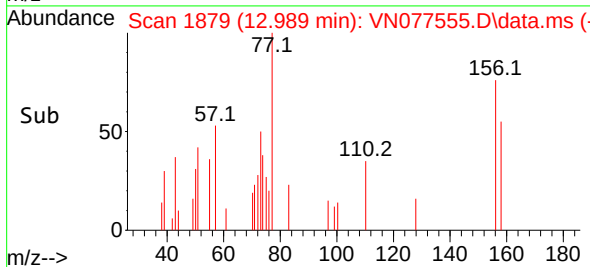
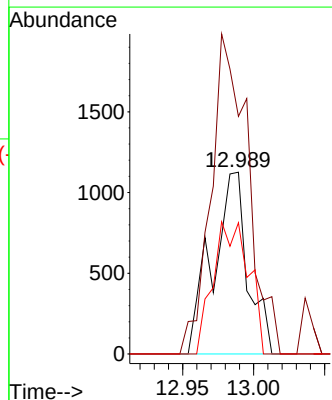
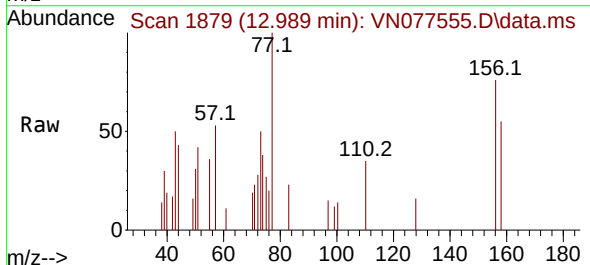
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

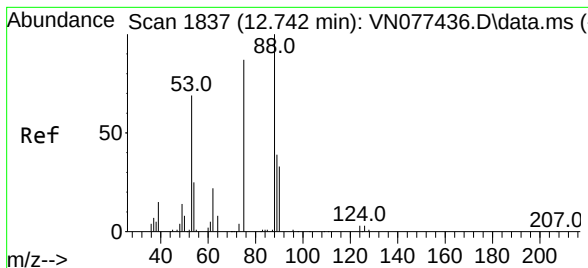
Tgt Ion: 75 Resp: 238934
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#77
Bromobenzene
Concen: 0.246 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion:156 Resp: 1926
Ion Ratio Lower Upper
156 100
77 186.8 107.7 323.3
158 74.1 48.4 145.3

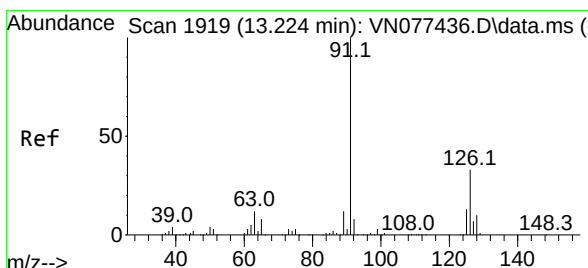
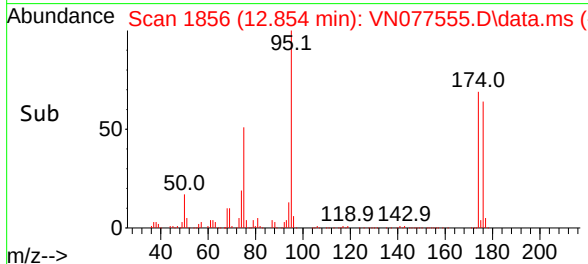
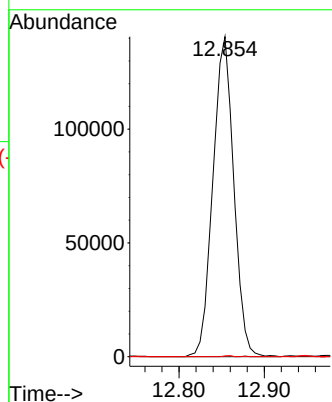
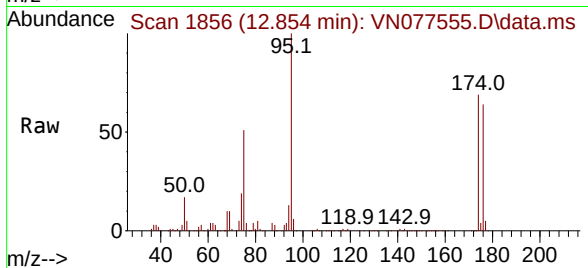




#81
trans-1,4-Dichloro-2-butene
Concen: 74.870 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

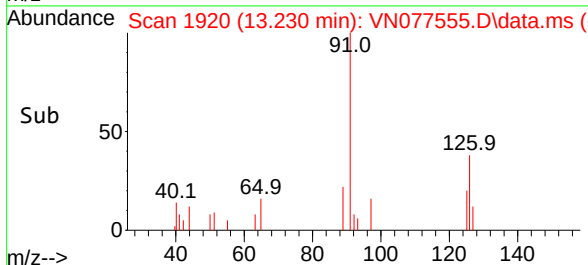
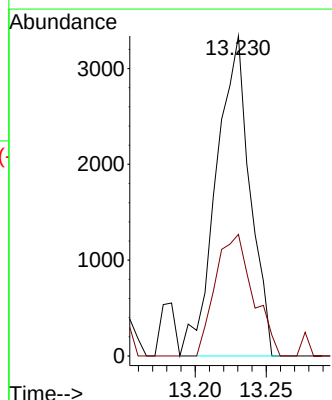
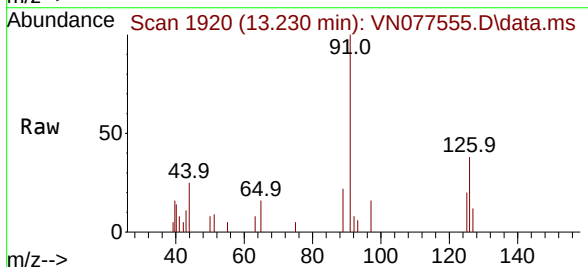
Instrument :
MSVOA_N
ClientSampleId :
PB152533TB

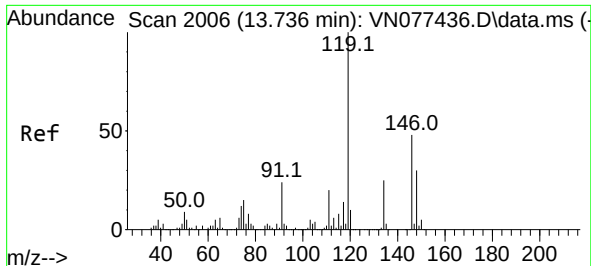
Tgt Ion: 75 Resp: 238934
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.240 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VN077555.D
Acq: 03 May 2023 12:06

Tgt Ion: 91 Resp: 5512
Ion Ratio Lower Upper
91 100
126 42.6 16.7 50.0





#87

1,3-Dichlorobenzene

Concen: 0.297 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB152533TB

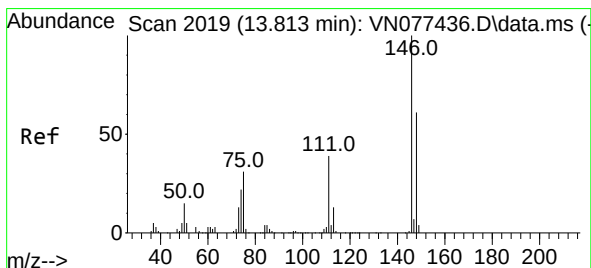
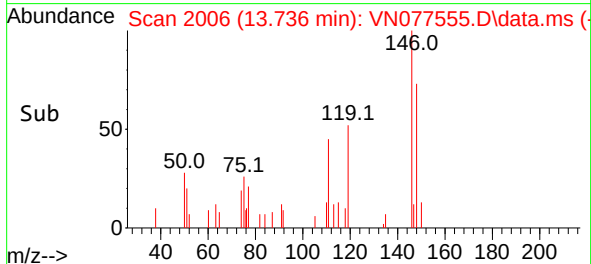
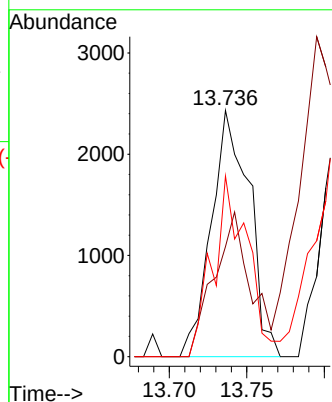
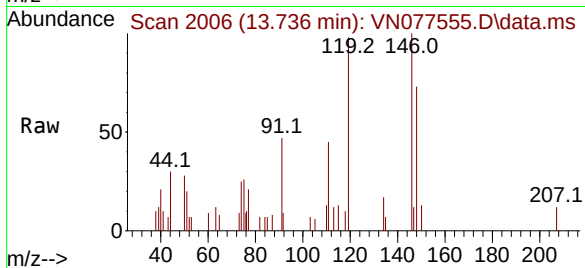
Tgt Ion:146 Resp: 4138

Ion Ratio Lower Upper

146 100

111 57.0 22.1 66.3

148 67.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.301 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.076 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

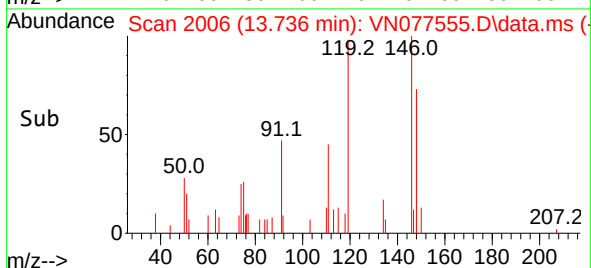
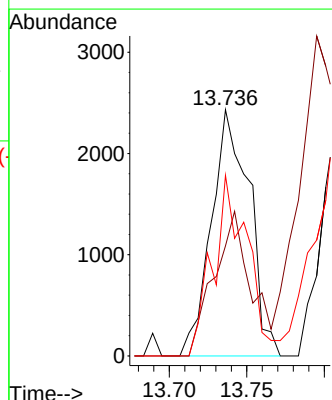
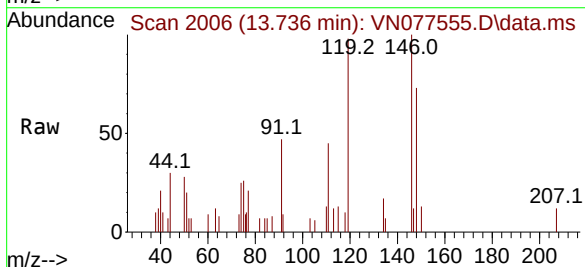
Tgt Ion:146 Resp: 4138

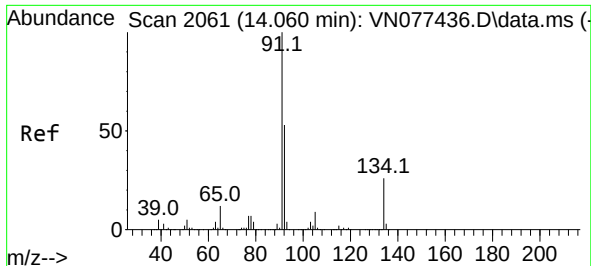
Ion Ratio Lower Upper

146 100

111 57.0 20.6 61.8

148 67.2 31.6 94.8





#89

n-Butylbenzene

Concen: 0.320 ug/l

RT: 14.066 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB152533TB

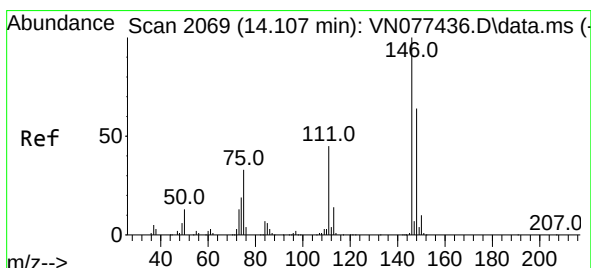
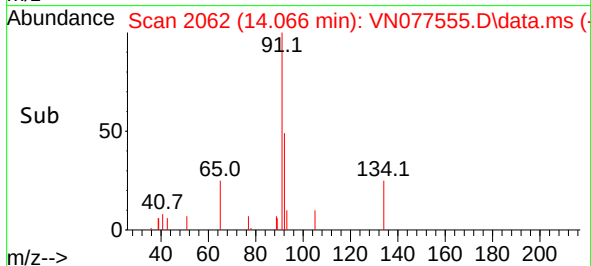
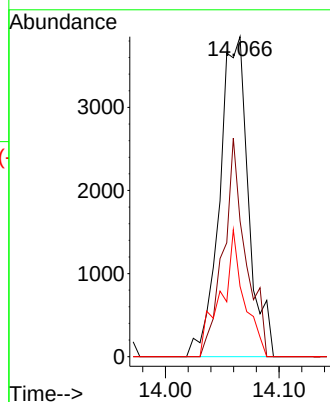
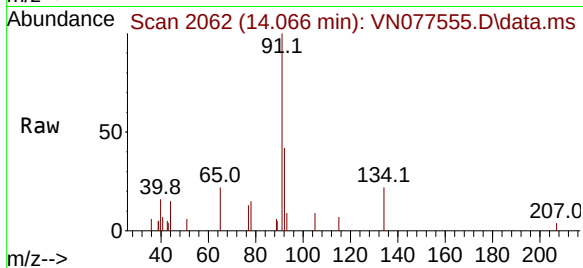
Tgt Ion: 91 Resp: 6783

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 31.7 12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 0.322 ug/l

RT: 14.113 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

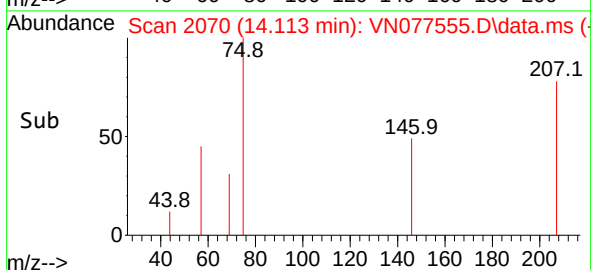
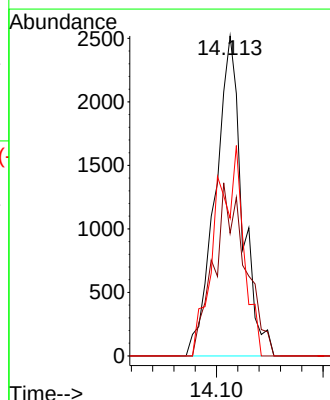
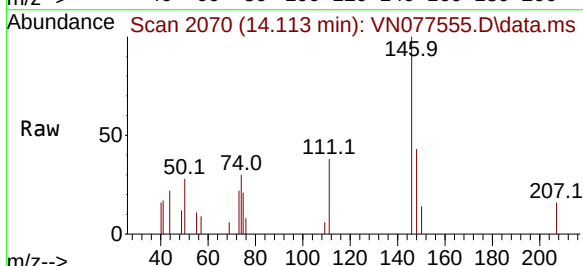
Tgt Ion:146 Resp: 4449

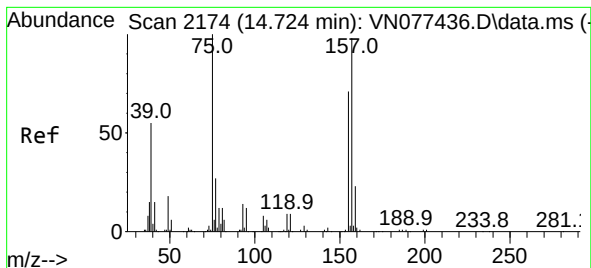
Ion Ratio Lower Upper

146 100

111 63.0 22.0 66.0

148 68.0 31.8 95.3

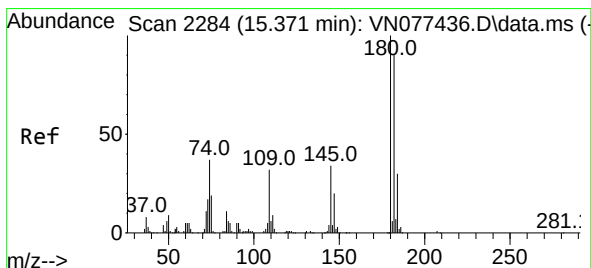
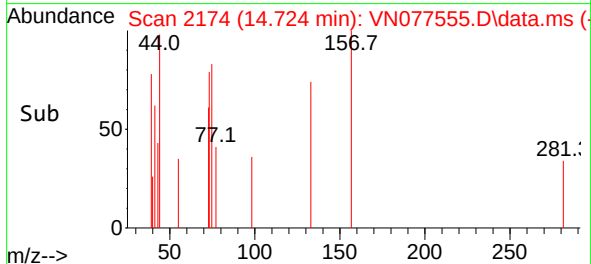
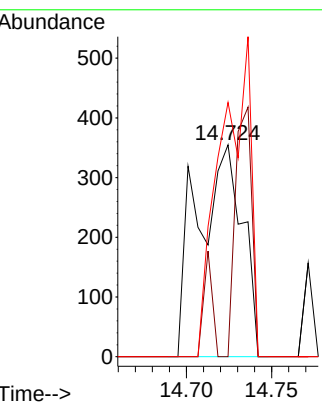
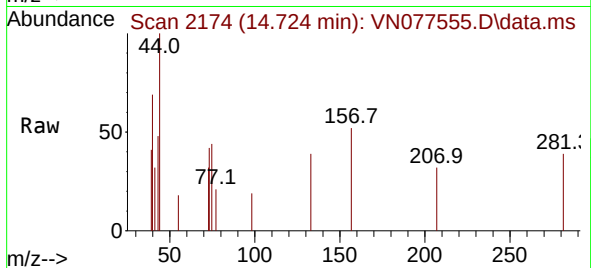




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.310 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN077555.D
 Acq: 03 May 2023 12:06

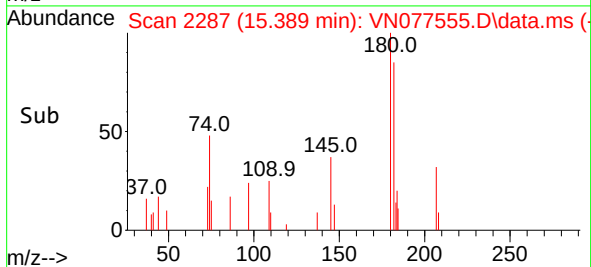
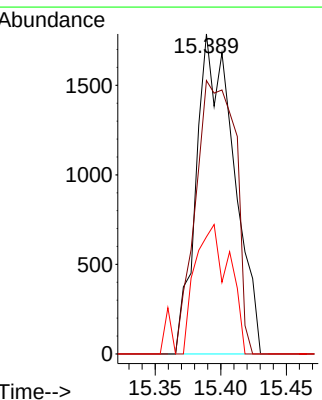
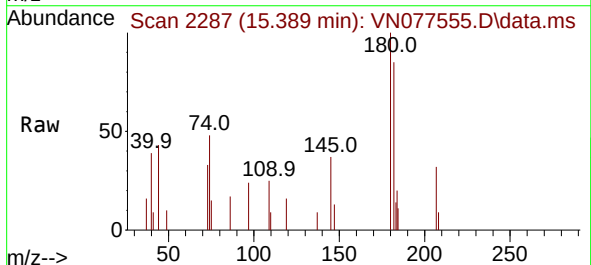
Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533TB

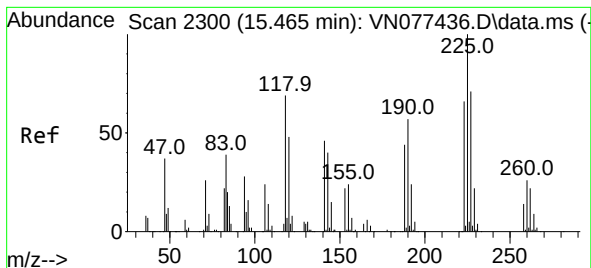
Tgt Ion: 75 Resp: 648
 Ion Ratio Lower Upper
 75 100
 155 43.4 39.1 117.2
 157 100.6 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 2.048 ug/l
 RT: 15.389 min Scan# 2287
 Delta R.T. 0.018 min
 Lab File: VN077555.D
 Acq: 03 May 2023 12:06

Tgt Ion: 180 Resp: 3561
 Ion Ratio Lower Upper
 180 100
 182 90.6 46.1 138.2
 145 36.8 16.6 49.8





#94

Hexachlorobutadiene

Concen: 0.341 ug/l

RT: 15.501 min Scan# 21

Delta R.T. 0.036 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB152533TB

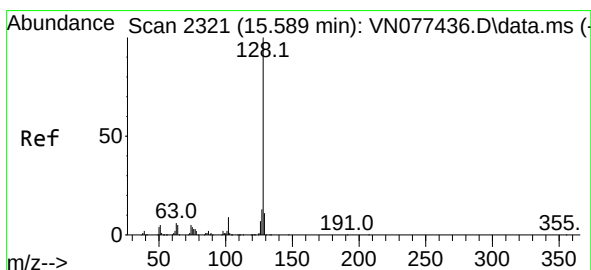
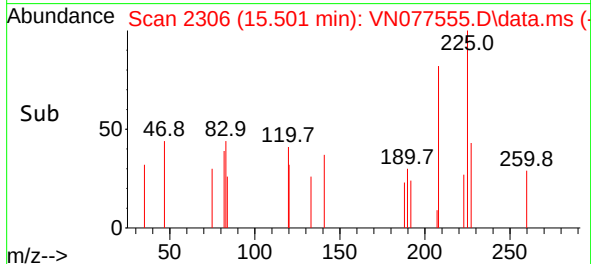
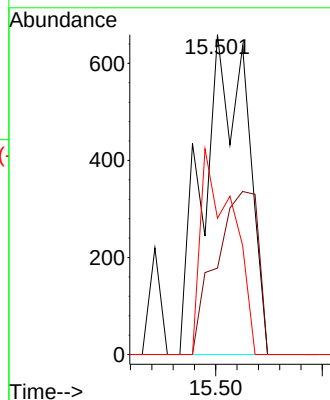
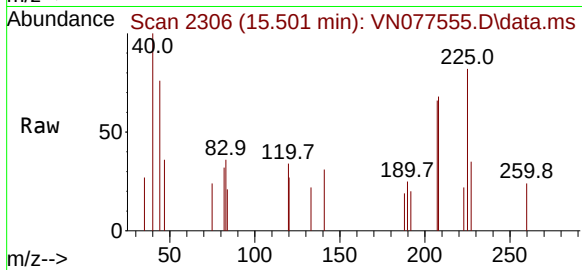
Tgt Ion:225 Resp: 953

Ion Ratio Lower Upper

225 100

223 48.7 31.3 93.8

227 46.5 31.9 95.9



#95

Naphthalene

Concen: 2.612 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. 0.053 min

Lab File: VN077555.D

Acq: 03 May 2023 12:06

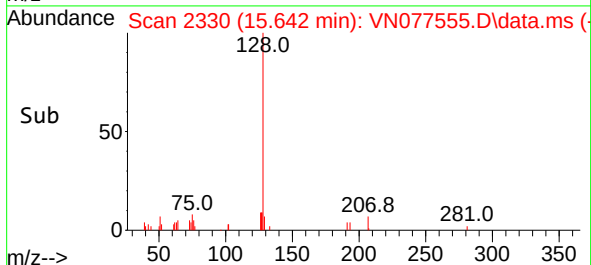
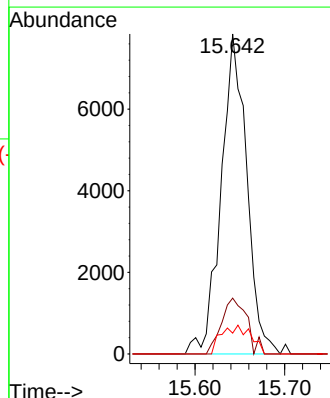
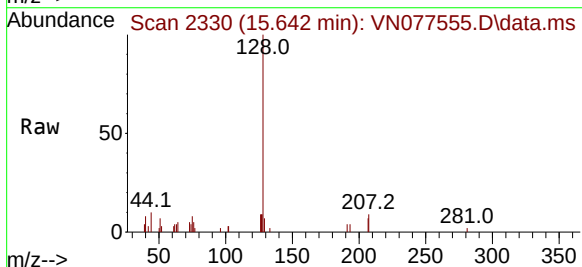
Tgt Ion:128 Resp: 15543

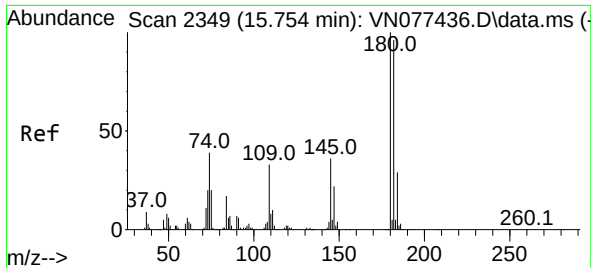
Ion Ratio Lower Upper

128 100

127 17.3 10.0 15.0#

129 10.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.959 ug/l
 RT: 15.848 min Scan# 21
 Delta R.T. 0.094 min
 Lab File: VN077555.D
 Acq: 03 May 2023 12:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533TB

Tgt Ion:	180	Resp:	3871
Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.2	138.6
145	45.9	17.5	52.6

