

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077113.D
 Acq On : 22 Mar 2023 17:24
 Operator : JC\MD
 Sample : 01849-01DL 10X
 Misc : 12.53 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-10-9.0-030823DL

Quant Time: Mar 22 23:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

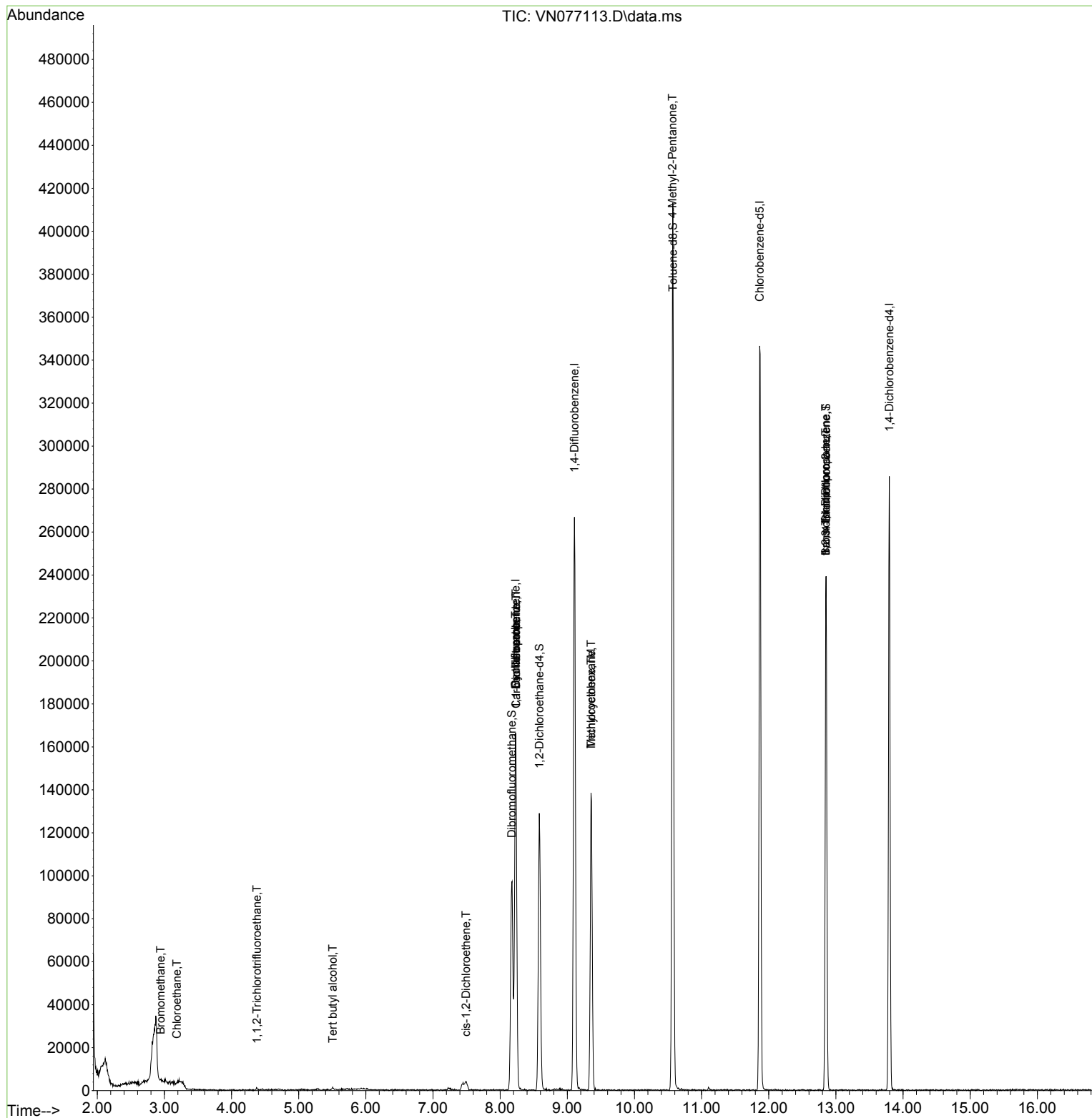
Internal Standards						
1) Pentafluorobenzene	8.231	168	103748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	205429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	179247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	64002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	103431	62.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.820%	
35) Dibromofluoromethane	8.172	113	69104	48.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.060%	
50) Toluene-d8	10.572	98	262328	51.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	12.854	95	76765	42.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.540%	
Target Compounds						Qvalue
5) Bromomethane	2.943	94	313	0.411	ug/l #	3
6) Chloroethane	3.184	64	411	0.576	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	4.378	101	539	0.391	ug/l #	71
11) Tert butyl alcohol	5.507	59	615	2.547	ug/l #	72
27) cis-1,2-Dichloroethene	7.489	96	2307	1.475	ug/l #	75
31) Cyclohexane	8.231	56	3817	1.408	ug/l #	44
36) 1,1-Dichloropropene	8.236	75	12226	5.441	ug/l #	50
38) Carbon Tetrachloride	8.236	117	13654	6.238	ug/l #	16
39) Methylcyclohexane	9.354	83	655	0.249	ug/l #	2
44) Trichloroethene	9.354	130	42822	27.357	ug/l	88
51) 4-Methyl-2-Pentanone	10.566	43	1696	0.725	ug/l #	1
71) Bromoform	12.848	173	432	0.418	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	47469	28.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	47469	78.926	ug/l #	10

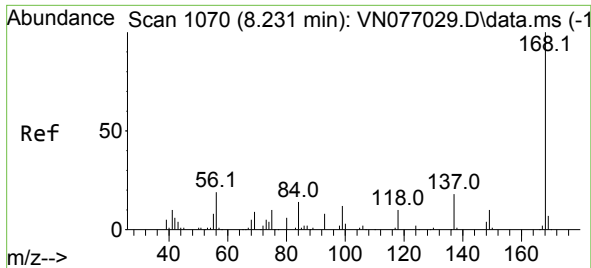
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CB-10-9.0-030823DL

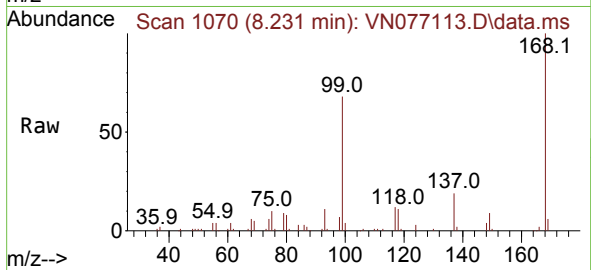
Quant Time: Mar 22 23:26:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
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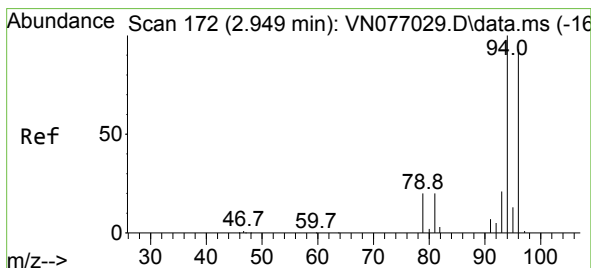
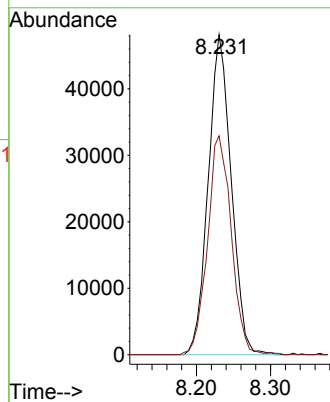
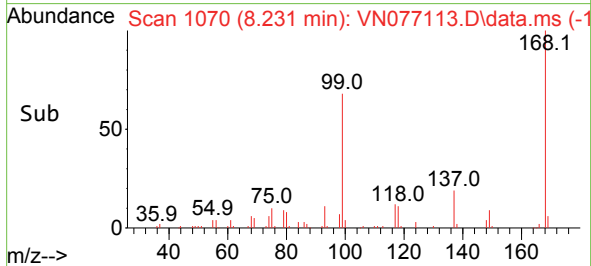


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :
CB-10-9.0-030823DL

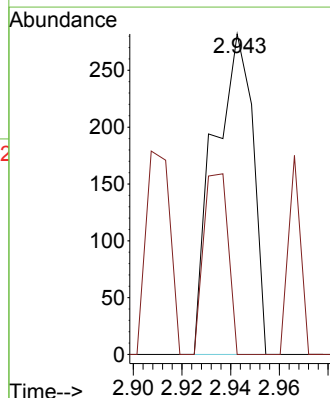
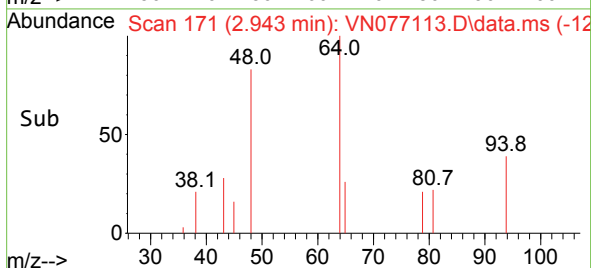
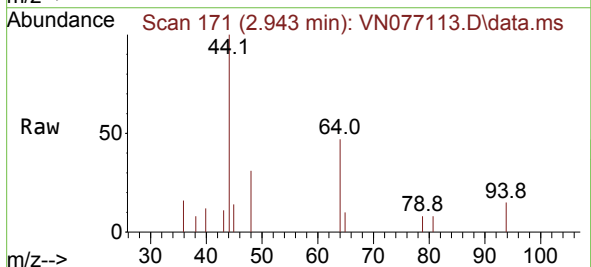


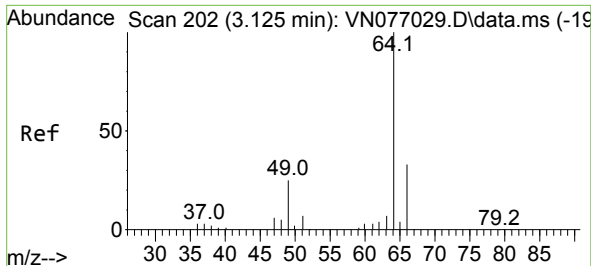
Tgt Ion:168 Resp: 103748
Ion Ratio Lower Upper
168 100
99 68.4 53.9 80.9



#5
Bromomethane
Concen: 0.411 ug/l
RT: 2.943 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#

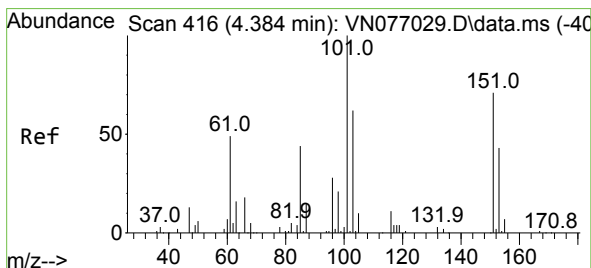
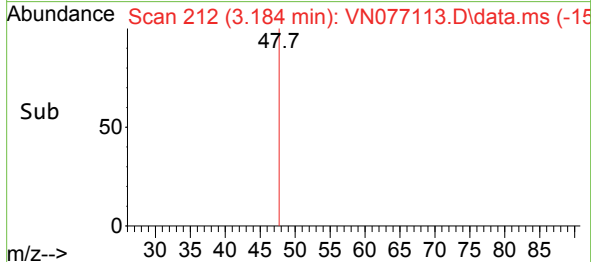
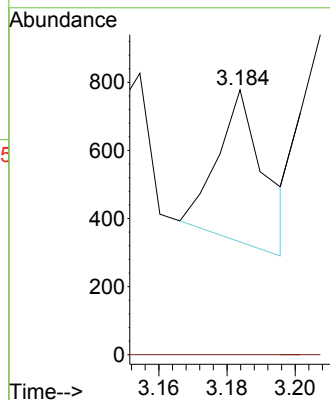
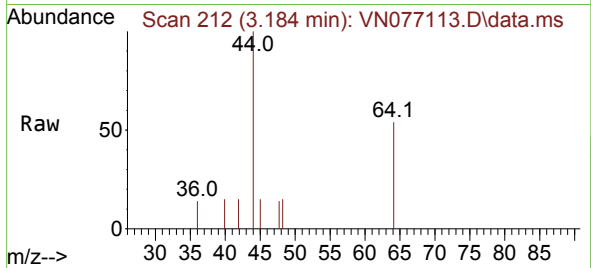




#6
Chloroethane
Concen: 0.576 ug/l
RT: 3.184 min Scan# 211
Delta R.T. 0.059 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

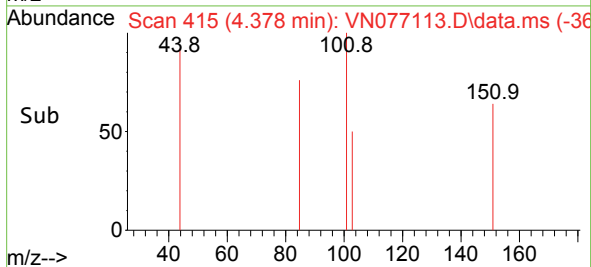
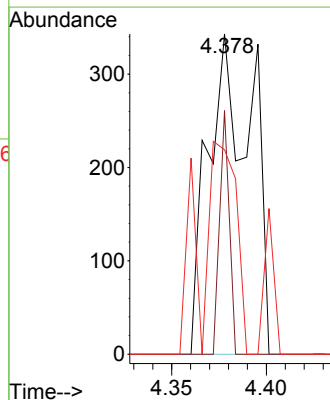
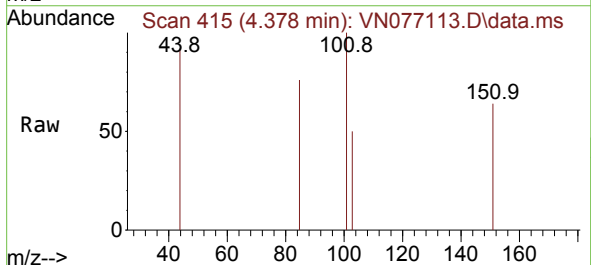
Instrument :
MSVOA_N
ClientSampleId :
CB-10-9.0-030823DL

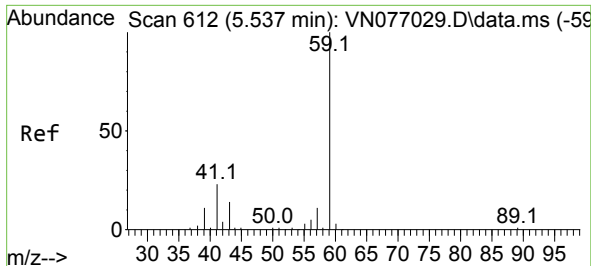
Tgt Ion: 64 Resp: 411
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.391 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 101 Resp: 539
Ion Ratio Lower Upper
101 100
85 17.1 36.6 55.0#
151 55.3 56.9 85.3#

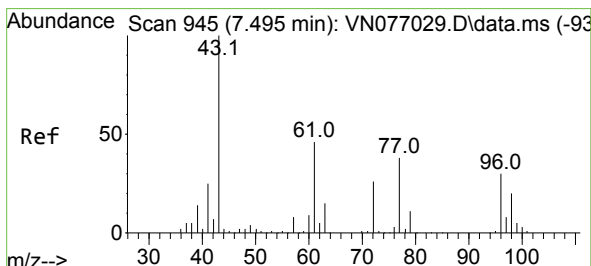
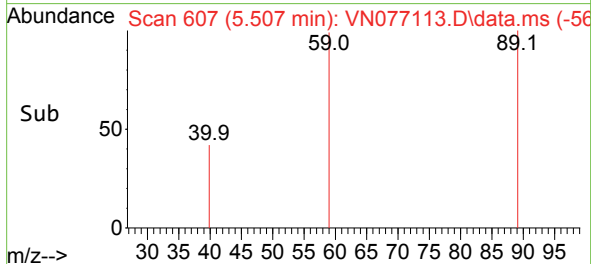
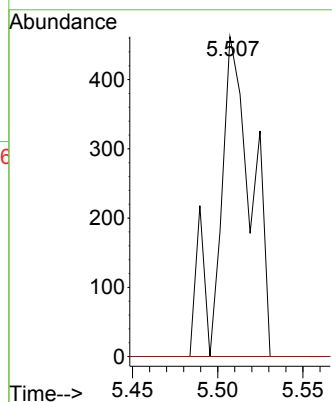
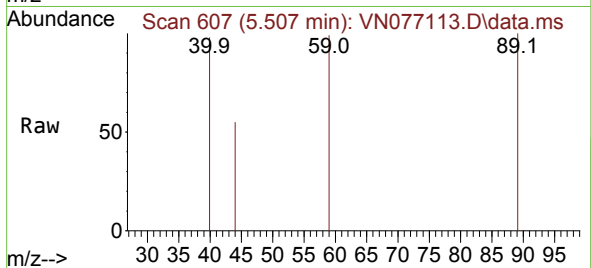




#11
Tert butyl alcohol
Concen: 2.547 ug/l
RT: 5.507 min Scan# 607
Delta R.T. -0.030 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

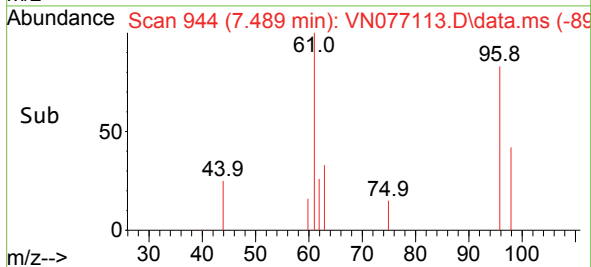
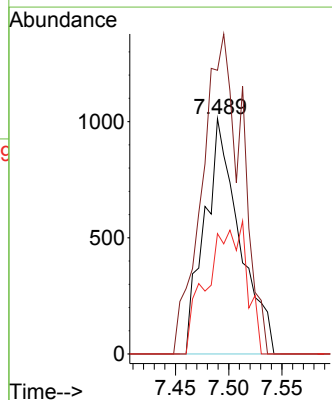
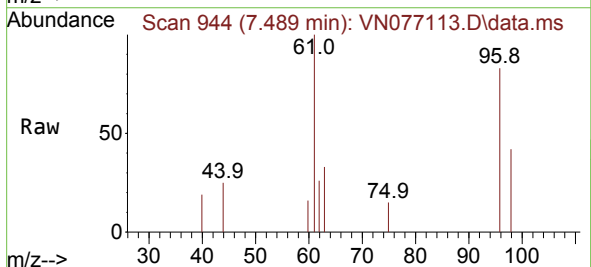
Instrument :
MSVOA_N
ClientSampleId :
CB-10-9.0-030823DL

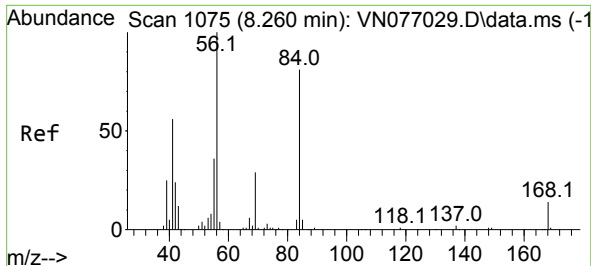
Tgt Ion: 59 Resp: 615
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#27
cis-1,2-Dichloroethene
Concen: 1.475 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

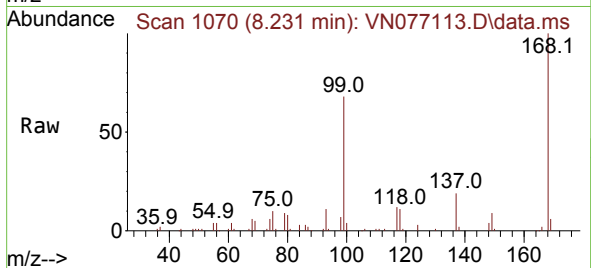
Tgt Ion: 96 Resp: 2307
Ion Ratio Lower Upper
96 100
61 155.8 0.0 315.4
98 0.0 0.0 128.6



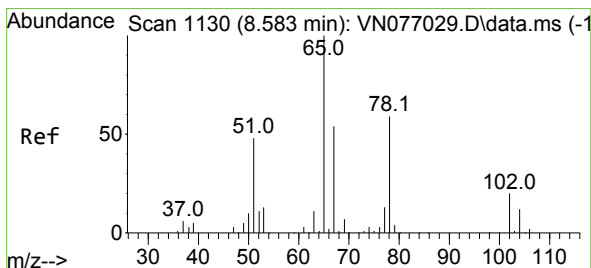
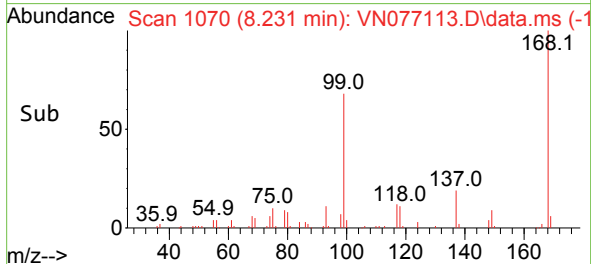
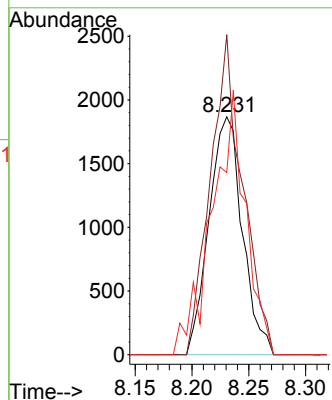


#31
Cyclohexane
Concen: 1.408 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :
CB-10-9.0-030823DL

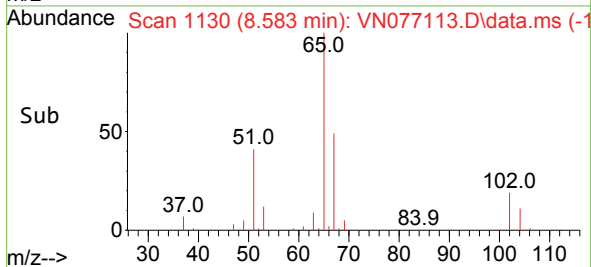
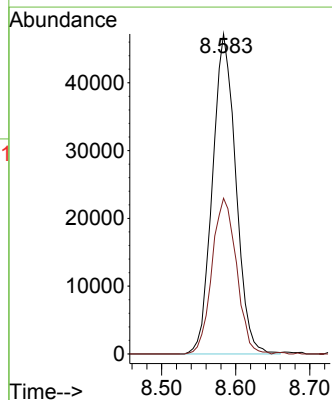
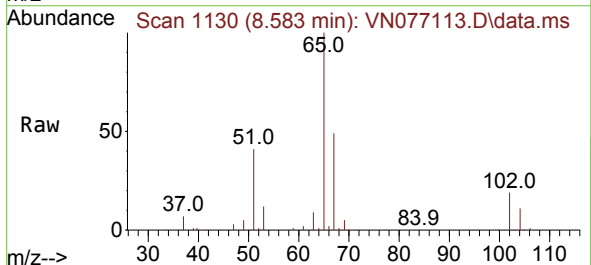


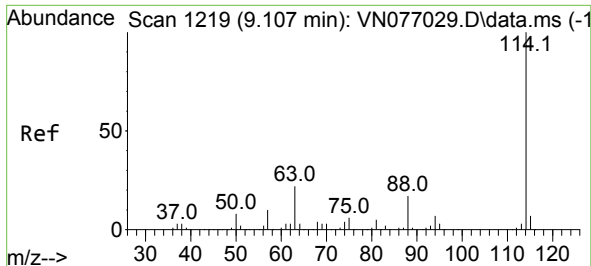
Tgt Ion: 56 Resp: 3817
Ion Ratio Lower Upper
56 100
69 134.5 22.8 34.2#
84 76.6 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 62.413 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 65 Resp: 103431
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.2

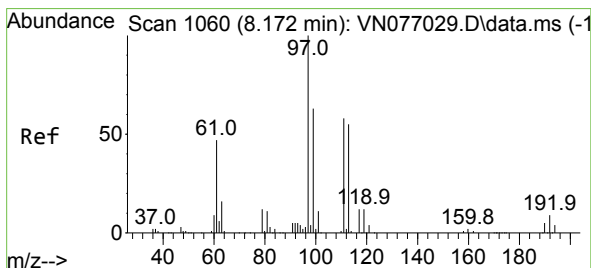
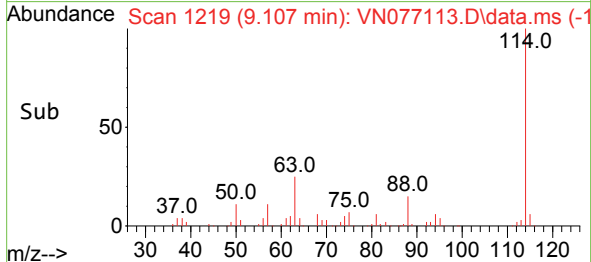
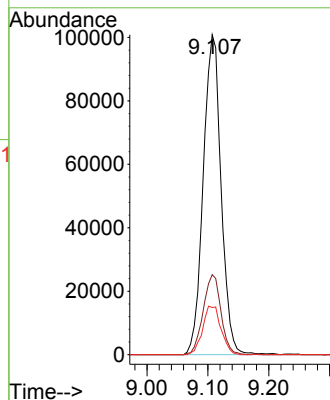
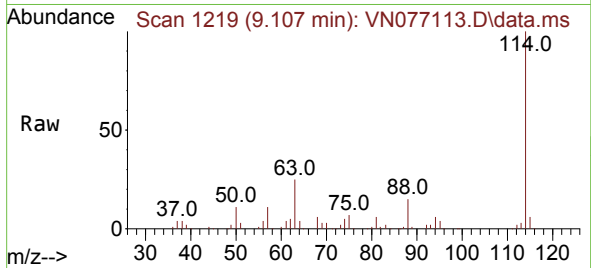




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

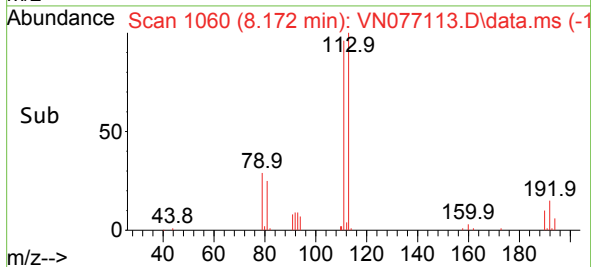
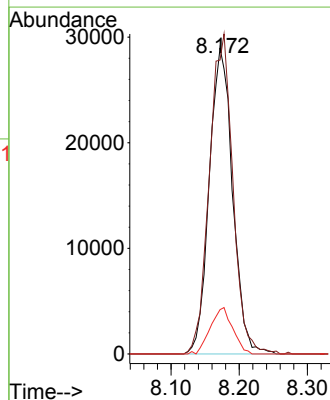
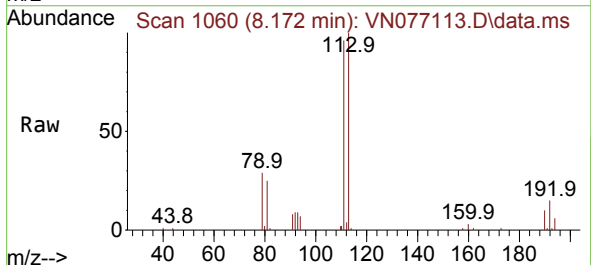
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CB-10-9.0-030823DL

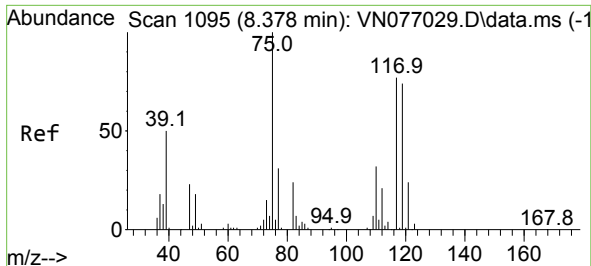
Tgt Ion:114 Resp: 205429
Ion Ratio Lower Upper
114 100
63 25.0 0.0 44.6
88 14.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.034 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion:113 Resp: 69104
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.2
192 14.5 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.441 ug/l

RT: 8.236 min Scan# 1071

Delta R.T. -0.141 min

Lab File: VN077113.D

Acq: 22 Mar 2023 17:24

Instrument :

MSVOA_N

ClientSampleId :

CB-10-9.0-030823DL

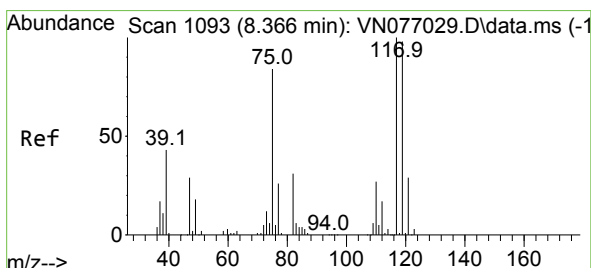
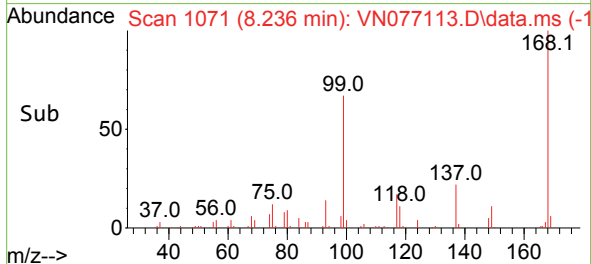
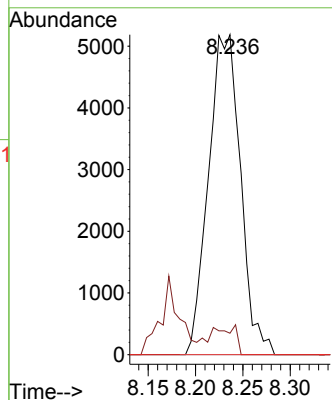
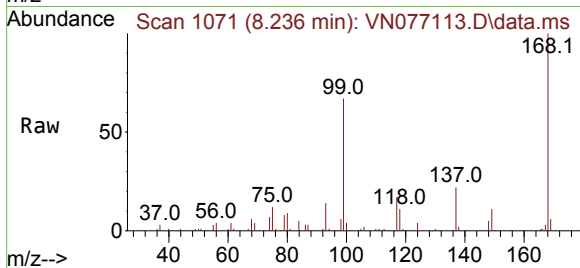
Tgt Ion: 75 Resp: 12226

Ion Ratio Lower Upper

75 100

110 7.3 15.9 47.7#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.238 ug/l

RT: 8.236 min Scan# 1071

Delta R.T. -0.129 min

Lab File: VN077113.D

Acq: 22 Mar 2023 17:24

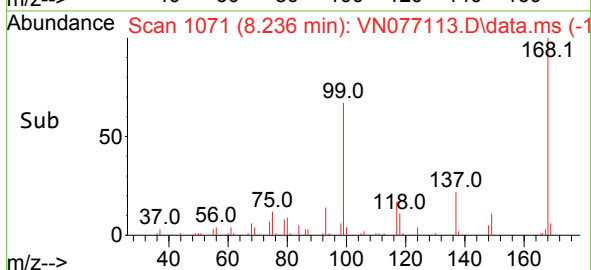
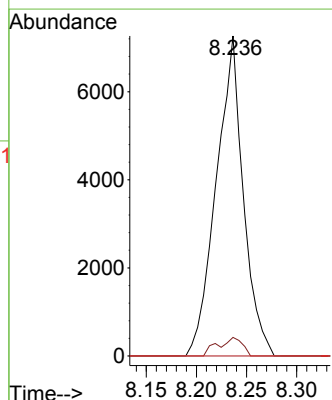
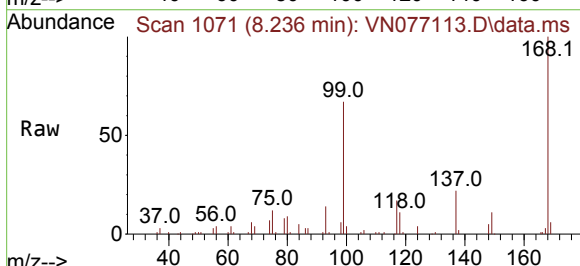
Tgt Ion: 117 Resp: 13654

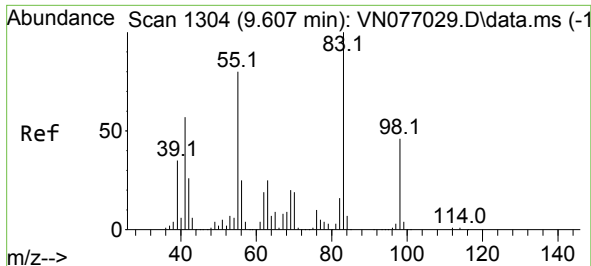
Ion Ratio Lower Upper

117 100

119 5.8 78.2 117.2#

121 0.0 23.2 34.8#





#39

Methylcyclohexane

Concen: 0.249 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.253 min

Lab File: VN077113.D

Acq: 22 Mar 2023 17:24

Instrument :

MSVOA_N

ClientSampleId :

CB-10-9.0-030823DL

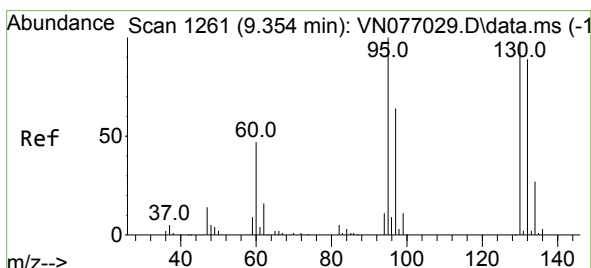
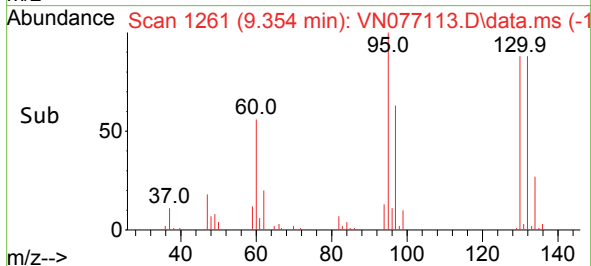
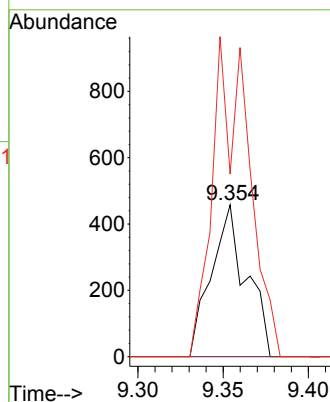
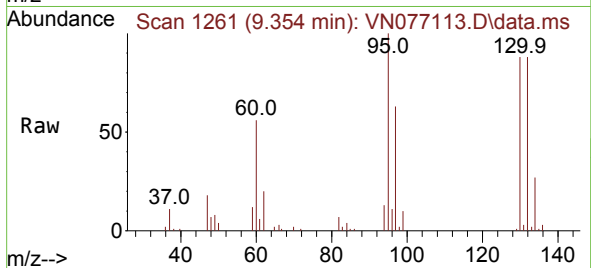
Tgt Ion: 83 Resp: 655

Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.8#

98 120.3 37.1 55.7#



#44

Trichloroethene

Concen: 27.357 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077113.D

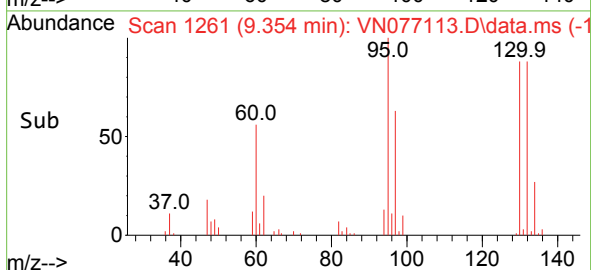
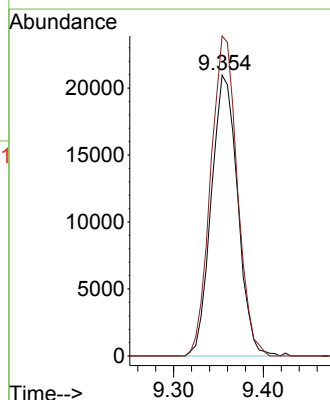
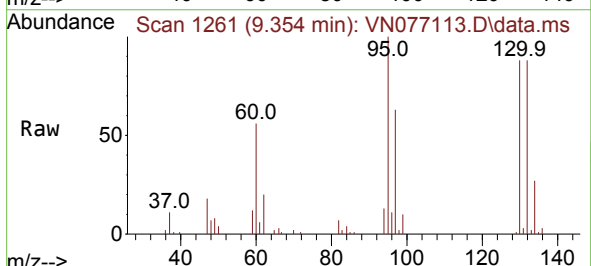
Acq: 22 Mar 2023 17:24

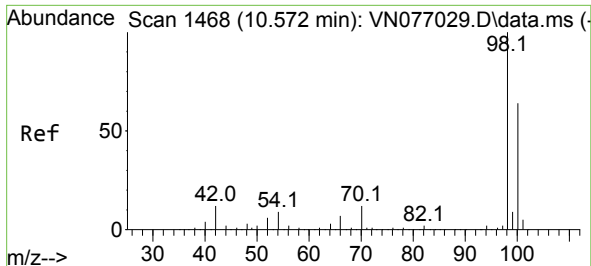
Tgt Ion:130 Resp: 42822

Ion Ratio Lower Upper

130 100

95 113.9 0.0 204.4

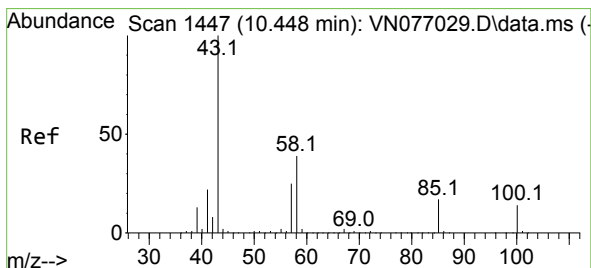
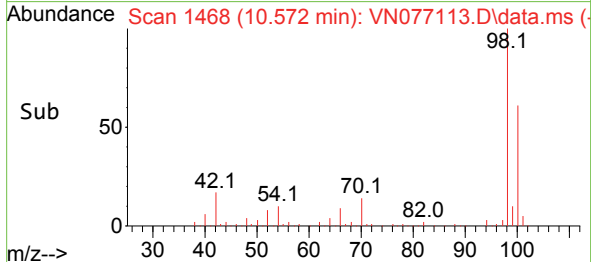
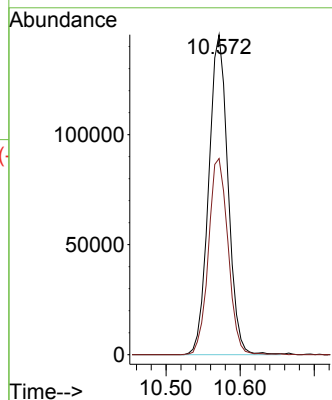
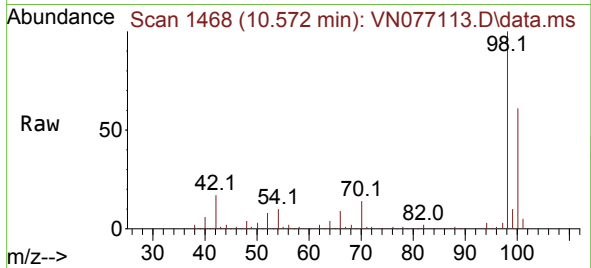




#50
Toluene-d8
Concen: 51.046 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

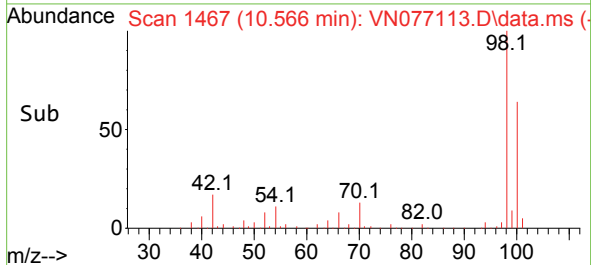
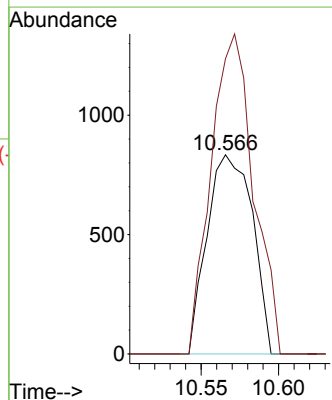
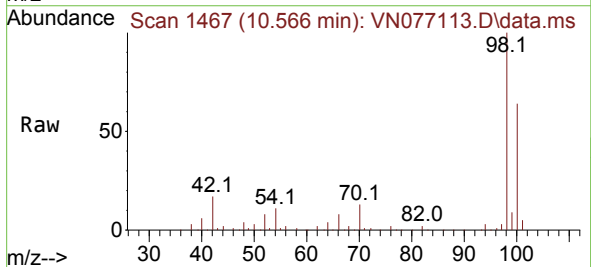
Instrument :
MSVOA_N
ClientSampleId :
CB-10-9.0-030823DL

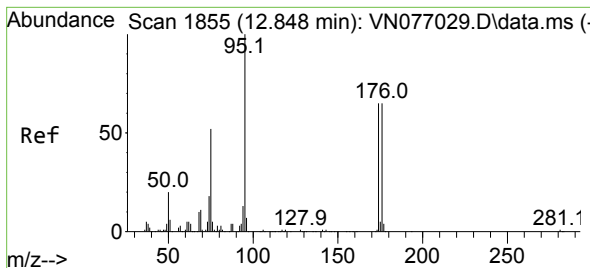
Tgt Ion: 98 Resp: 262328
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.725 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.118 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
58 150.5 31.1 46.7#

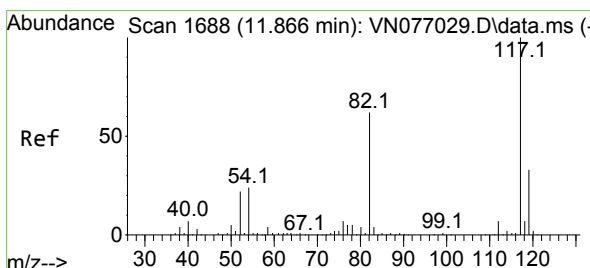
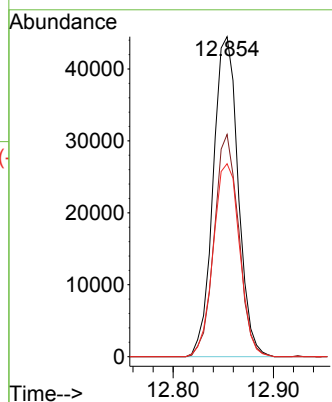
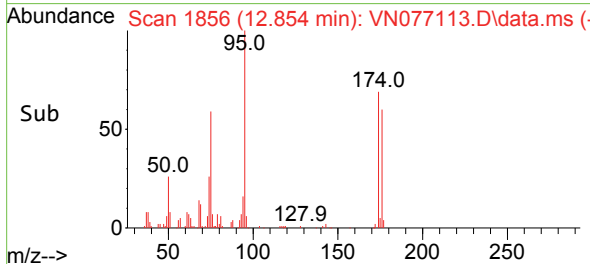
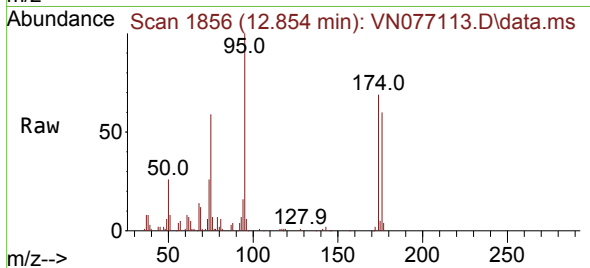




#62
4-Bromofluorobenzene
Concen: 42.273 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

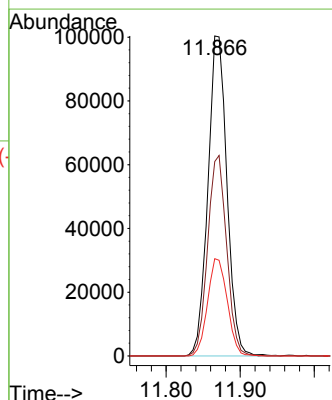
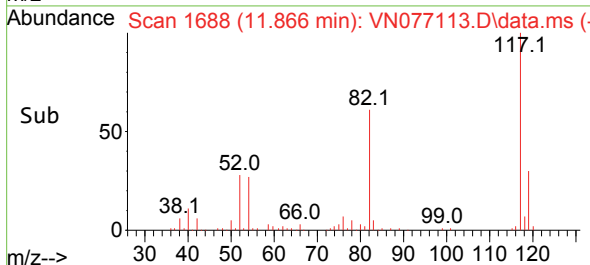
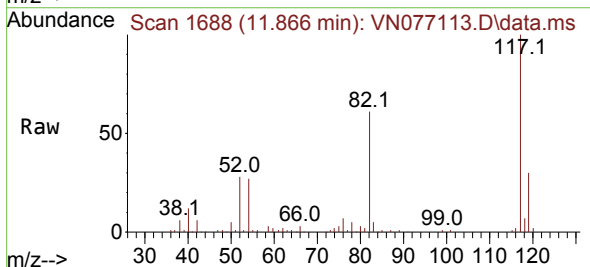
Instrument :
MSVOA_N
ClientSampleId :
CB-10-9.0-030823DL

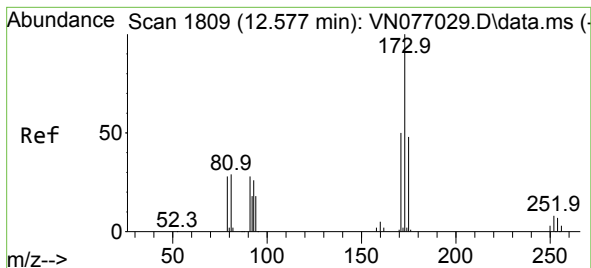
Tgt Ion: 95 Resp: 76765
Ion Ratio Lower Upper
95 100
174 68.0 0.0 136.6
176 63.9 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 117 Resp: 179247
Ion Ratio Lower Upper
117 100
82 60.8 49.4 74.0
119 30.4 26.5 39.7





#71

Bromoform

Concen: 0.418 ug/l

RT: 12.848 min Scan# 1809

Delta R.T. 0.271 min

Lab File: VN077113.D

Acq: 22 Mar 2023 17:24

Instrument :

MSVOA_N

ClientSampleId :

CB-10-9.0-030823DL

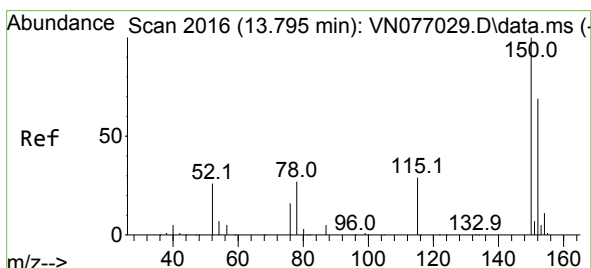
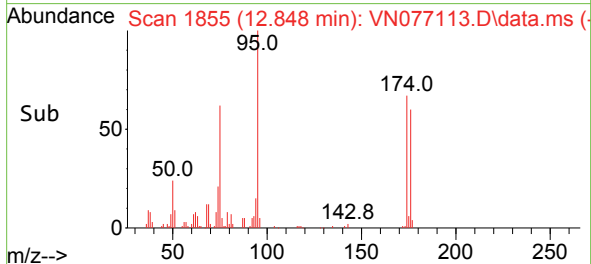
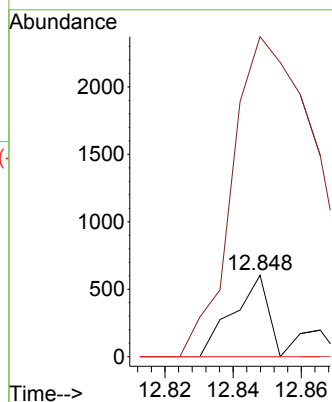
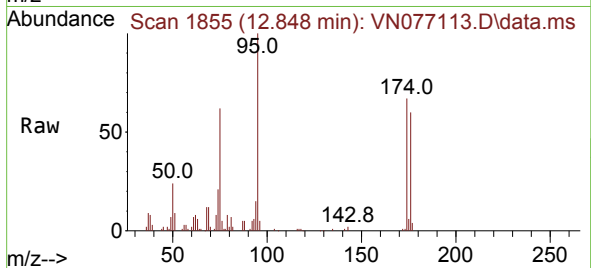
Tgt Ion:173 Resp: 432

Ion Ratio Lower Upper

173 100

175 590.7 24.5 73.5#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077113.D

Acq: 22 Mar 2023 17:24

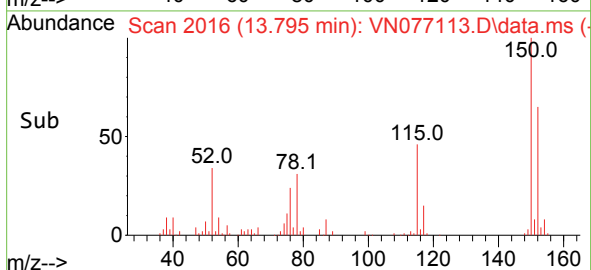
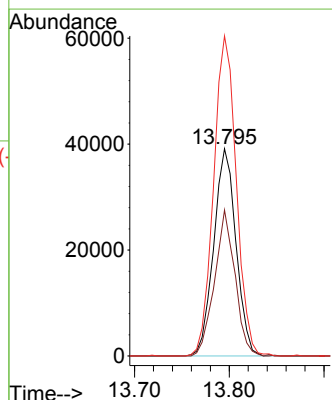
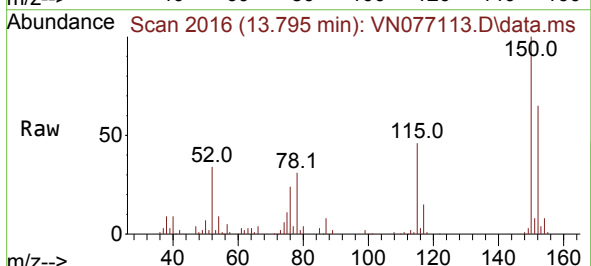
Tgt Ion:152 Resp: 64002

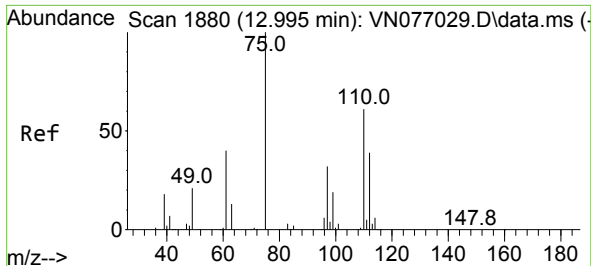
Ion Ratio Lower Upper

152 100

115 64.4 31.9 95.7

150 156.9 0.0 348.0

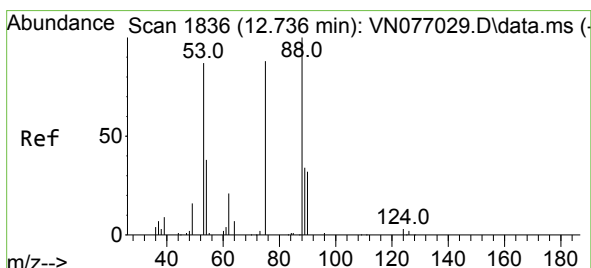
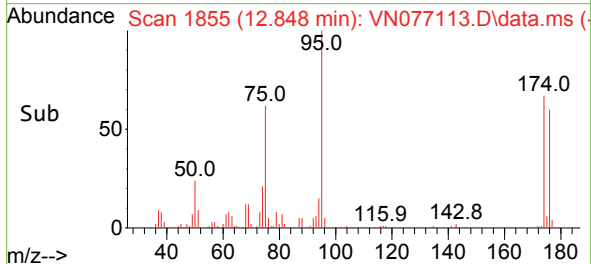
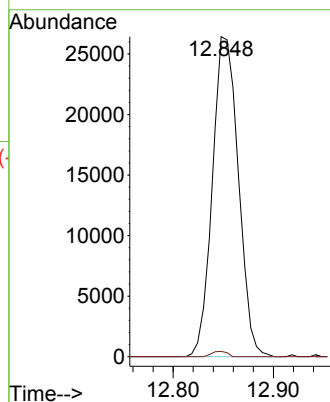
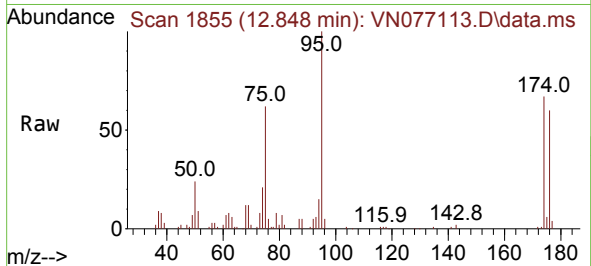




#76
1,2,3-Trichloropropane
Concen: 28.674 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Instrument :
MSVOA_N
ClientSampleId :
CB-10-9.0-030823DL

Tgt Ion: 75 Resp: 47469
Ion Ratio Lower Upper
75 100
77 1.0 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.926 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.112 min
Lab File: VN077113.D
Acq: 22 Mar 2023 17:24

Tgt Ion: 75 Resp: 47469
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.0 34.2 51.4#

