

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077111.D
 Acq On : 22 Mar 2023 16:35
 Operator : JC\MD
 Sample : 01849-09 10X
 Misc : 12.71 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 22 23:25:44 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)

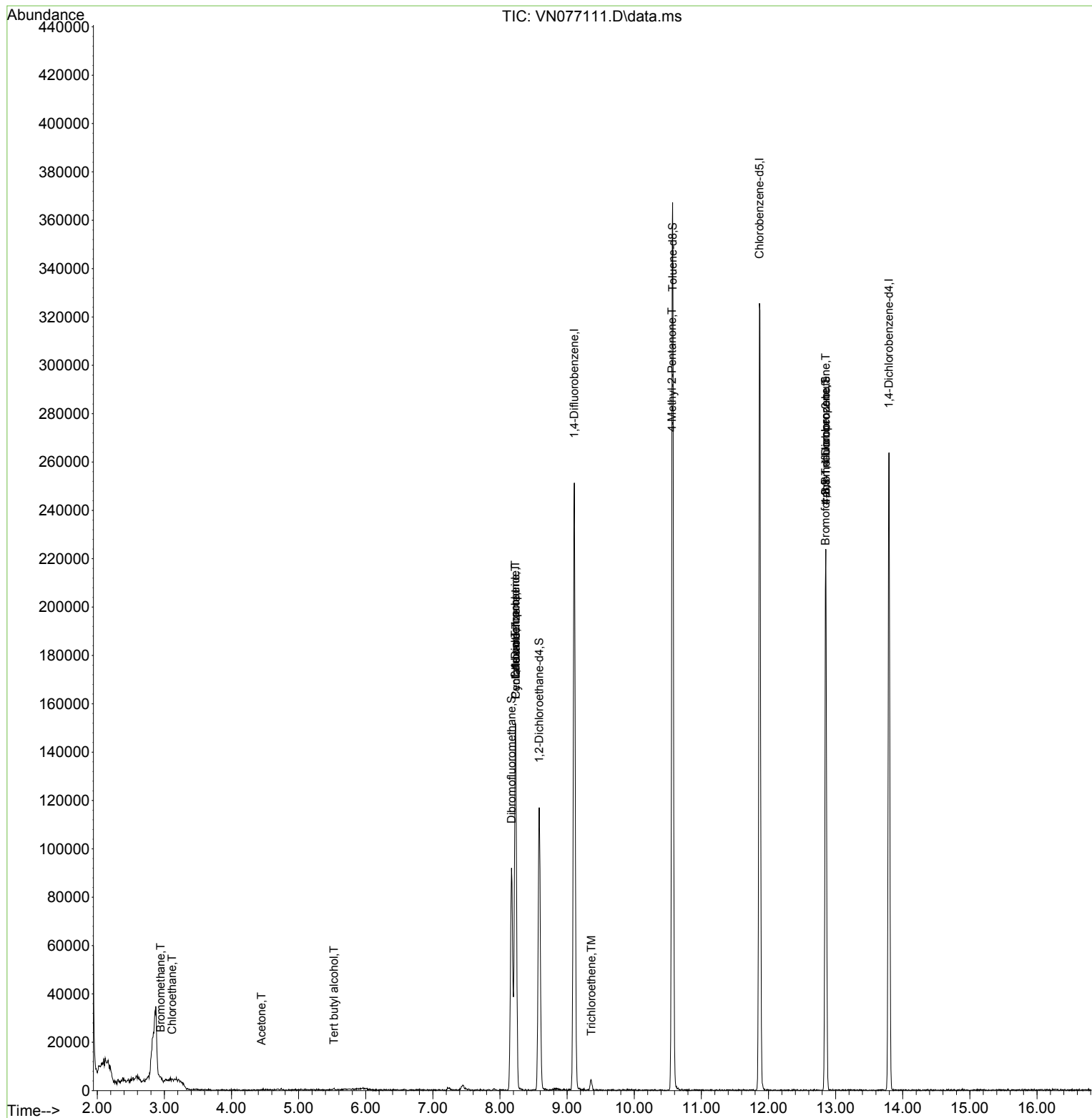
Internal Standards						
1) Pentafluorobenzene	8.236	168	95507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	189289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	163409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	58465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	94773	62.124	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.240%	
35) Dibromofluoromethane	8.172	113	63416	47.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.680%	
50) Toluene-d8	10.572	98	238248	50.313	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.854	95	68890	41.171	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 82.340%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.943	94	331	0.472	ug/l	93
6) Chloroethane	3.113	64	275	0.418	ug/l #	42
11) Tert butyl alcohol	5.525	59	180	0.810	ug/l #	72
16) Acetone	4.448	43	156	0.229	ug/l #	43
31) Cyclohexane	8.236	56	4155	1.665	ug/l #	52
36) 1,1-Dichloropropene	8.231	75	11096	5.359	ug/l #	51
38) Carbon Tetrachloride	8.231	117	11495	5.700	ug/l #	16
44) Trichloroethene	9.360	130	1330	0.922	ug/l	56
51) 4-Methyl-2-Pentanone	10.560	43	1350	0.626	ug/l #	1
71) Bromoform	12.848	173	874	0.927	ug/l #	28
76) 1,2,3-Trichloropropane	12.854	75	42612	28.177	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	42612	77.560	ug/l #	10

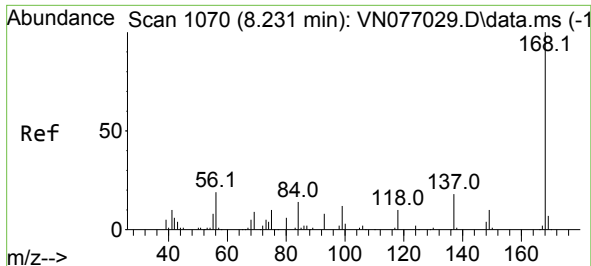
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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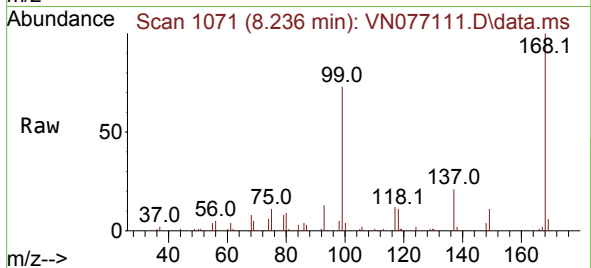
Quant Time: Mar 22 23:25:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration



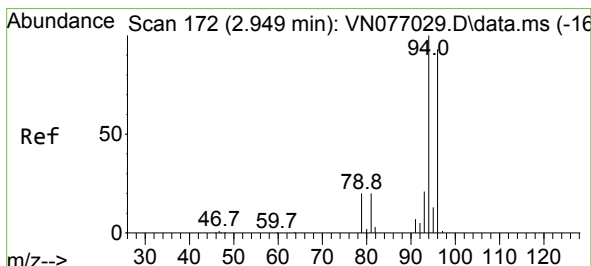
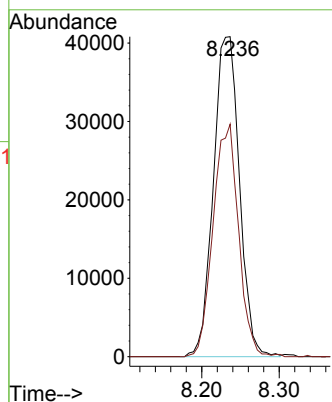
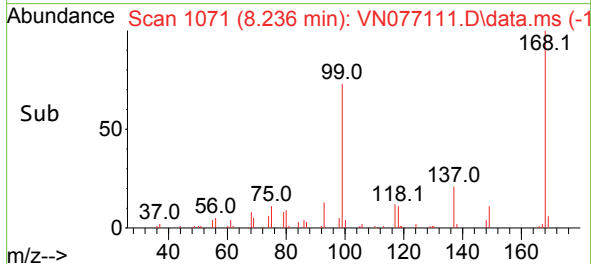


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Instrument :
MSVOA_N
ClientSampleId :

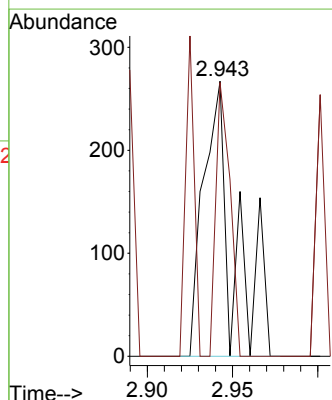
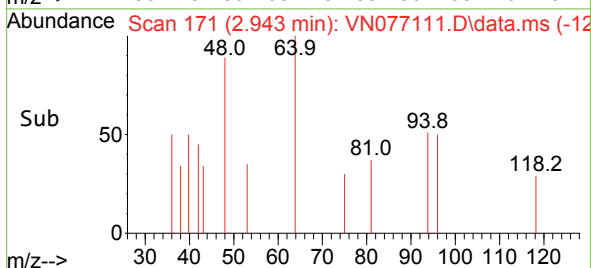
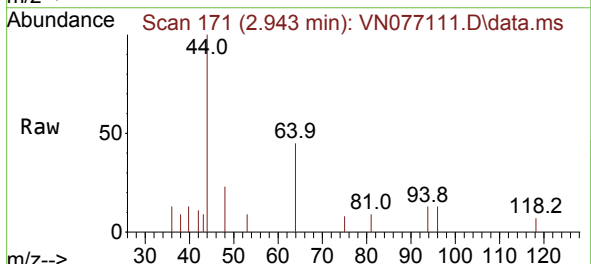


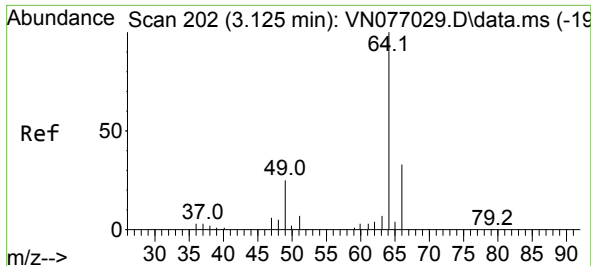
Tgt Ion:168 Resp: 95507
Ion Ratio Lower Upper
168 100
99 72.6 53.9 80.9



#5
Bromomethane
Concen: 0.472 ug/l
RT: 2.943 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

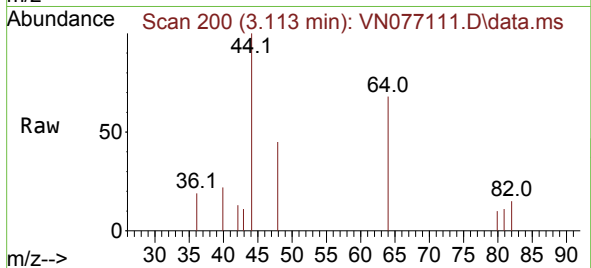
Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 99.6 74.1 111.1



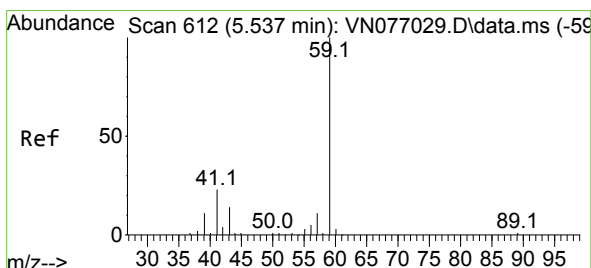
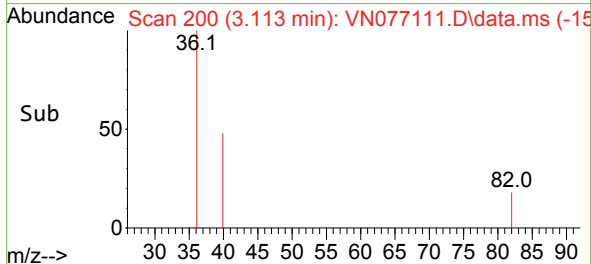
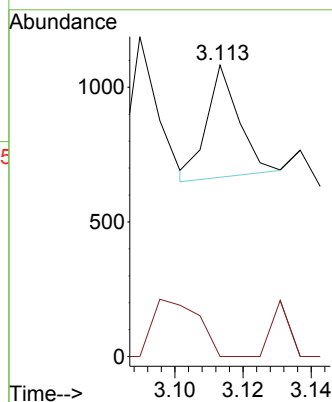


#6
Chloroethane
Concen: 0.418 ug/l
RT: 3.113 min Scan# 20
Delta R.T. -0.012 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Instrument :
MSVOA_N
ClientSampleId :

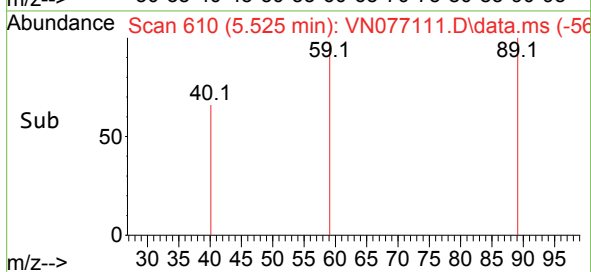
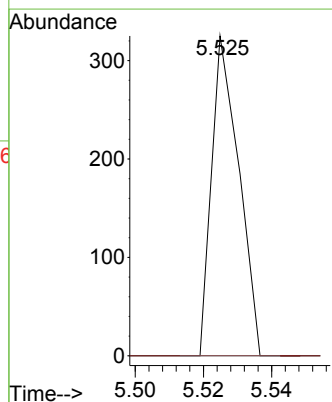
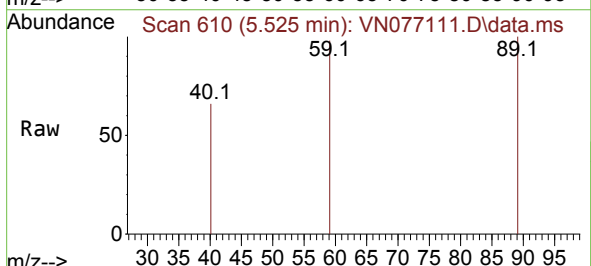


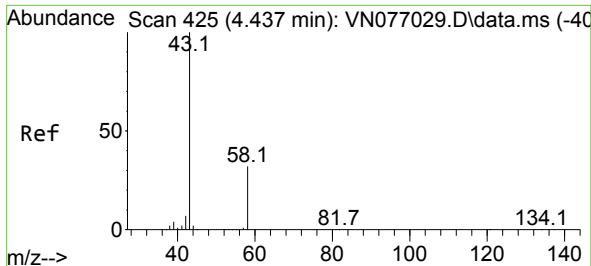
Tgt Ion: 64 Resp: 275
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 0.810 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

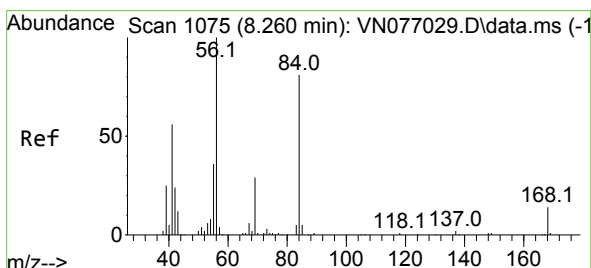
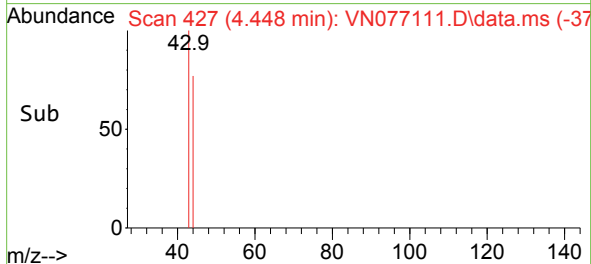
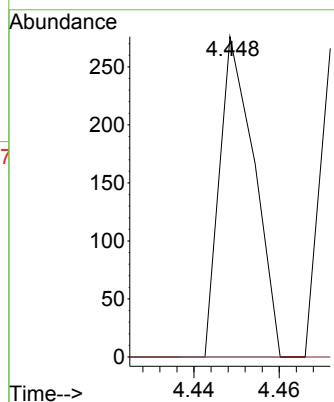
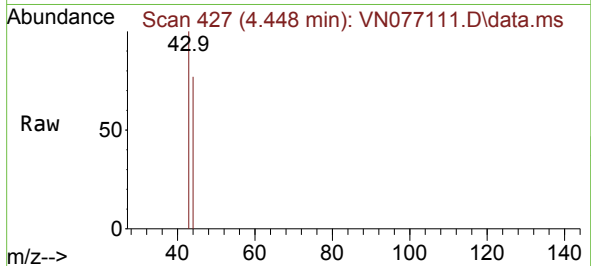




#16
Acetone
Concen: 0.229 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

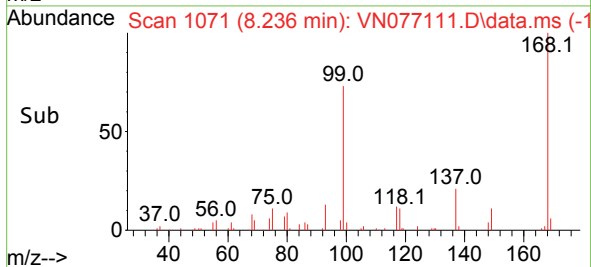
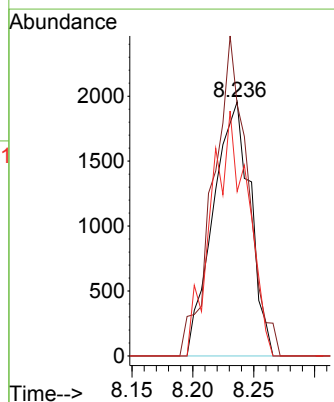
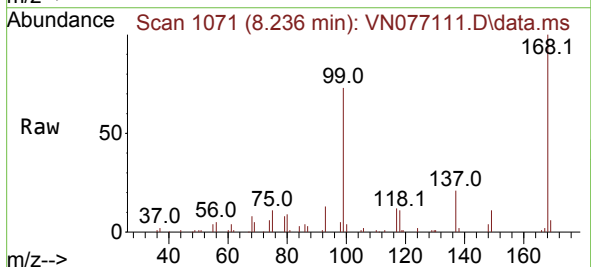
Instrument :
MSVOA_N
ClientSampleId :

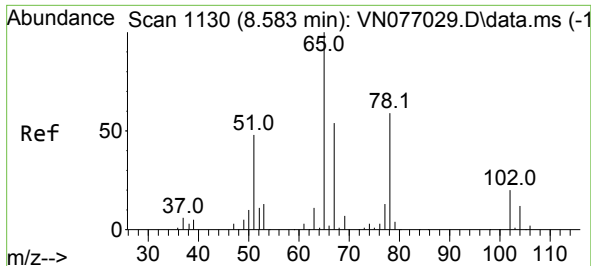
Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



#31
Cyclohexane
Concen: 1.665 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Tgt Ion: 56 Resp: 4155
Ion Ratio Lower Upper
56 100
69 99.0 22.8 34.2#
84 64.7 64.7 97.1





#33

1,2-Dichloroethane-d4

Concen: 62.124 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077111.D

Acq: 22 Mar 2023 16:35

Instrument :

MSVOA_N

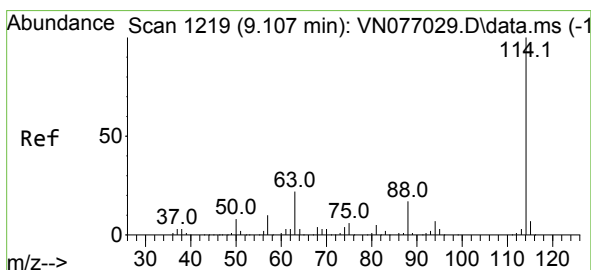
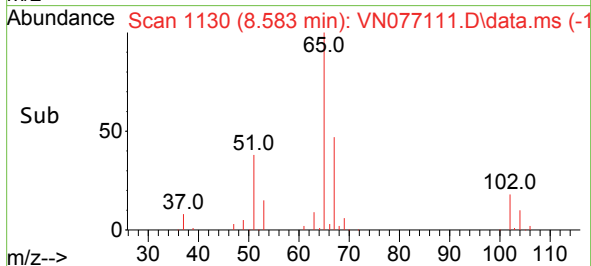
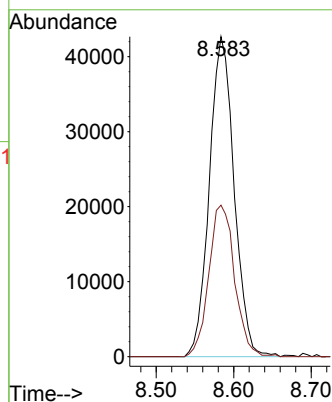
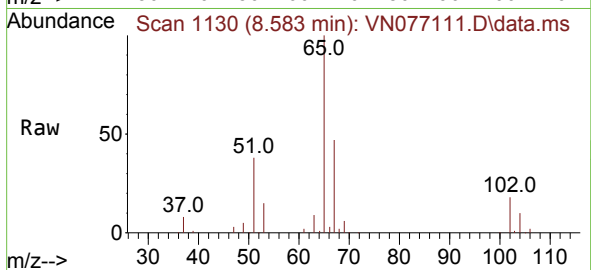
ClientSampleId :

Tgt Ion: 65 Resp: 94773

Ion Ratio Lower Upper

65 100

67 49.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077111.D

Acq: 22 Mar 2023 16:35

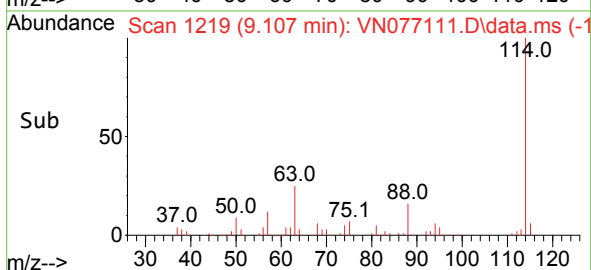
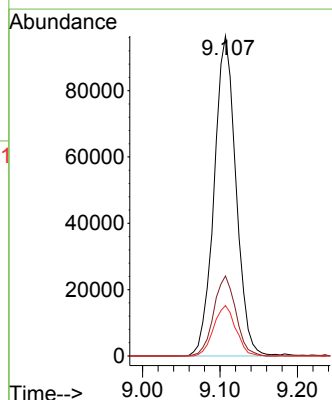
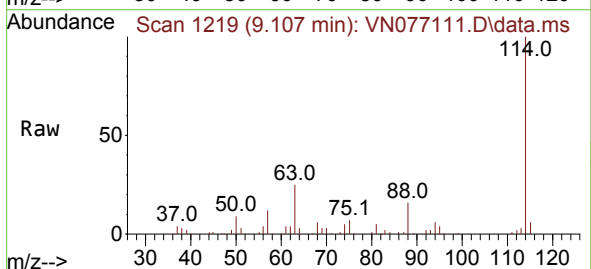
Tgt Ion: 114 Resp: 189289

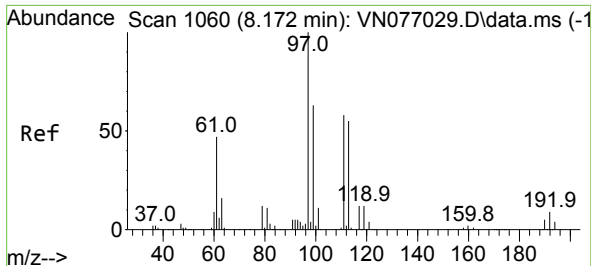
Ion Ratio Lower Upper

114 100

63 25.0 0.0 44.6

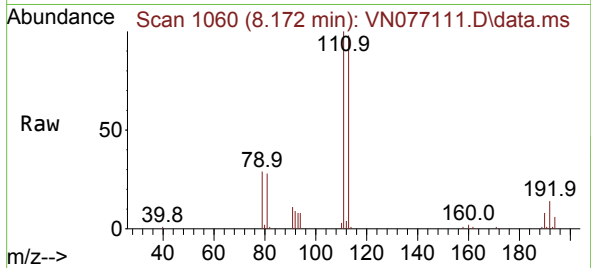
88 15.8 0.0 33.8



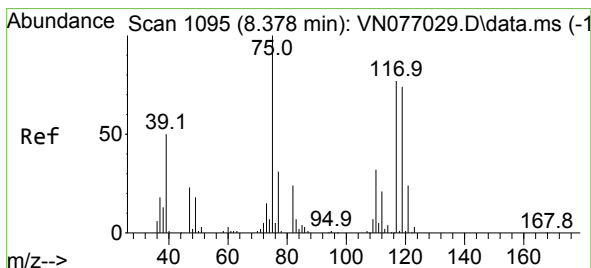
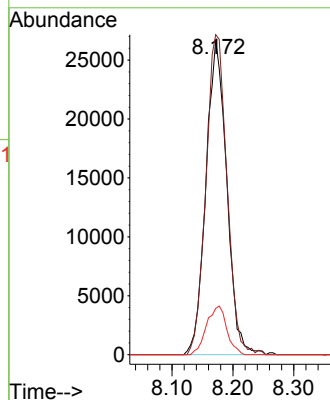
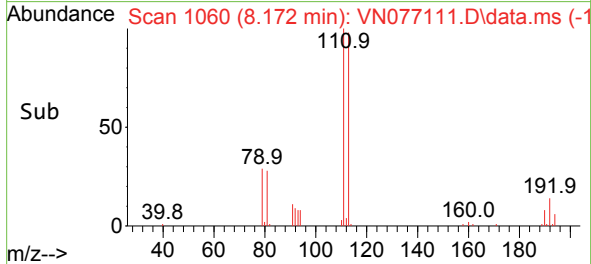


#35
Dibromofluoromethane
Concen: 47.839 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Instrument :
MSVOA_N
ClientSampleId :

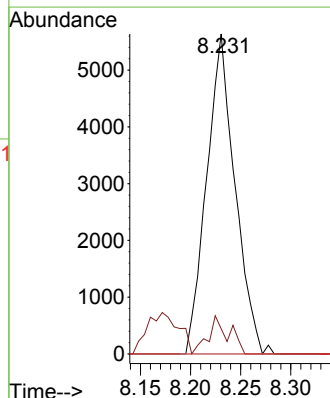
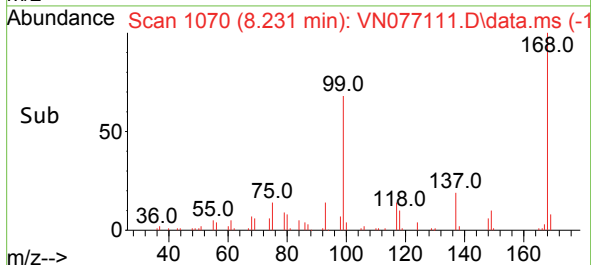
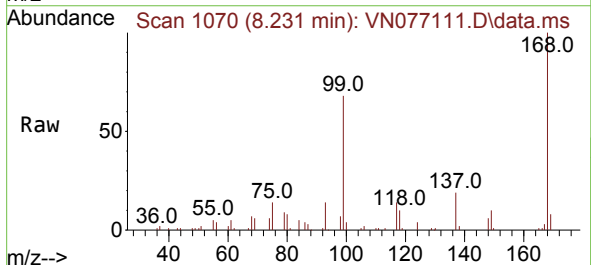


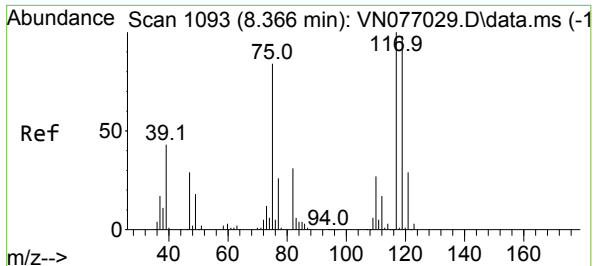
Tgt Ion: 113 Resp: 63416
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 15.1 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.359 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

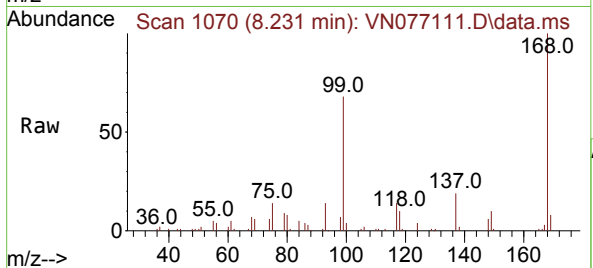
Tgt Ion: 75 Resp: 11096
Ion Ratio Lower Upper
75 100
110 8.1 15.9 47.7#
77 0.0 24.3 36.5#



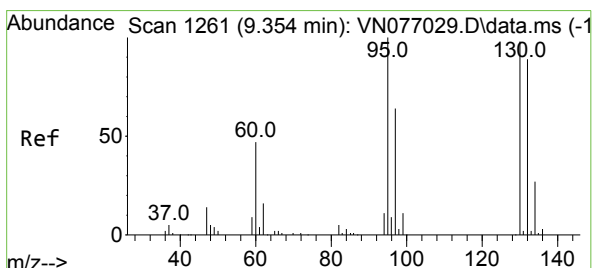
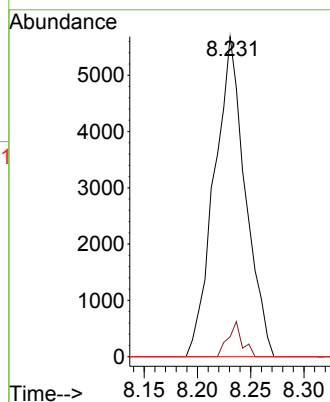
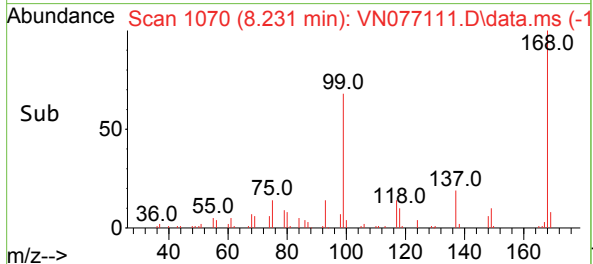


#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 8.231 min Scan# 1093
Delta R.T. -0.135 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Instrument :
MSVOA_N
ClientSampleId :

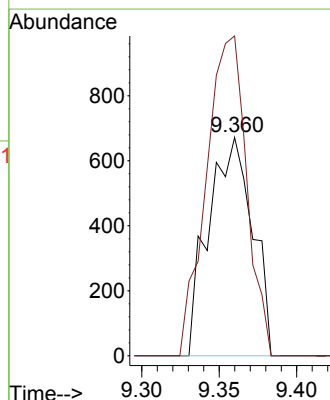
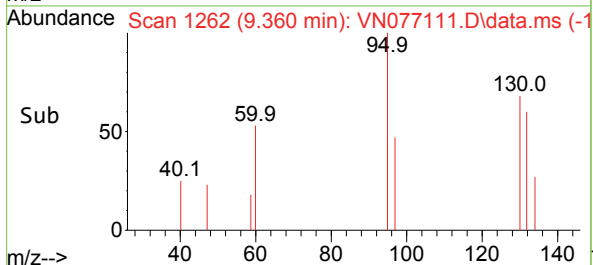
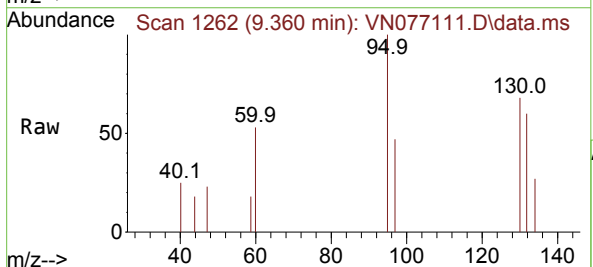


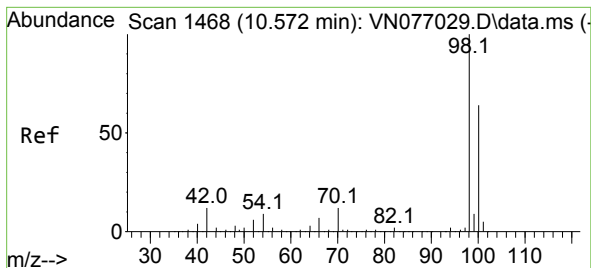
Tgt Ion:117 Resp: 11495
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 23.2 34.8#



#44
Trichloroethene
Concen: 0.922 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Tgt Ion:130 Resp: 1330
Ion Ratio Lower Upper
130 100
95 146.4 0.0 204.4





#50

Toluene-d8

Concen: 50.313 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077111.D

Acq: 22 Mar 2023 16:35

Instrument :

MSVOA_N

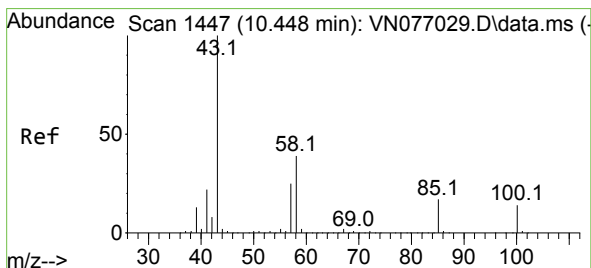
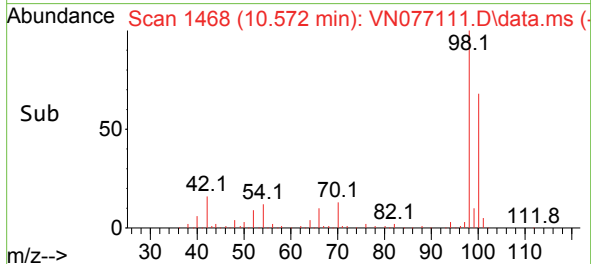
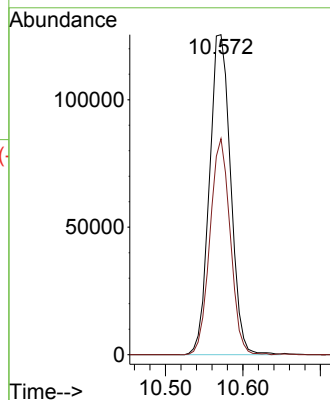
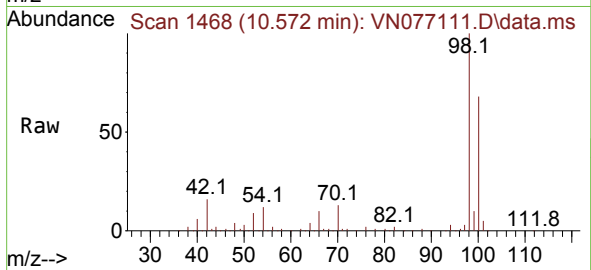
ClientSampleId :

Tgt Ion: 98 Resp: 238248

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 0.626 ug/l

RT: 10.560 min Scan# 1466

Delta R.T. 0.112 min

Lab File: VN077111.D

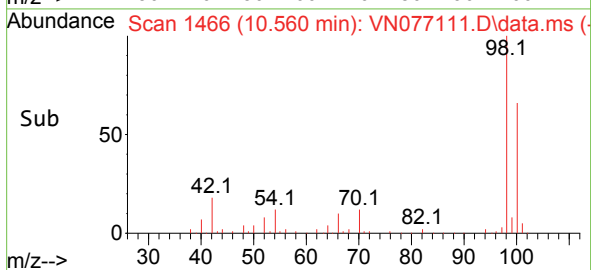
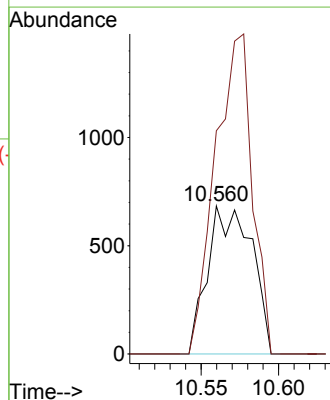
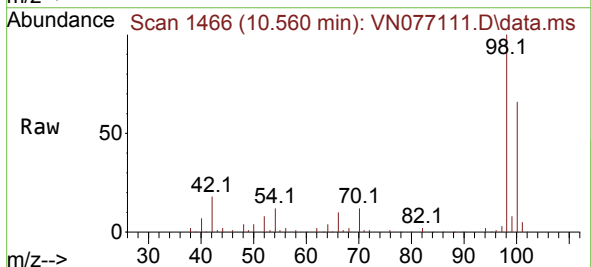
Acq: 22 Mar 2023 16:35

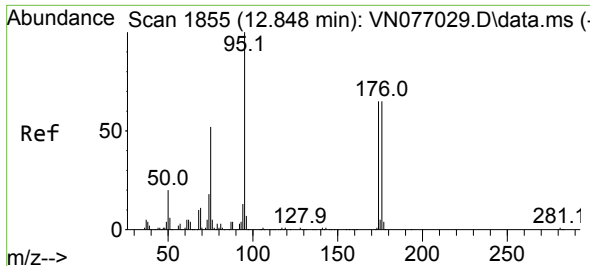
Tgt Ion: 43 Resp: 1350

Ion Ratio Lower Upper

43 100

58 181.1 31.1 46.7#

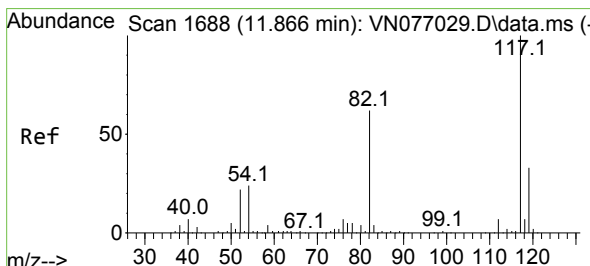
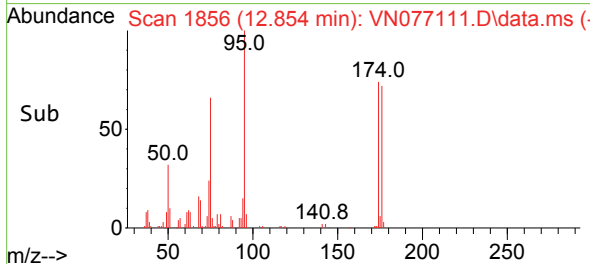
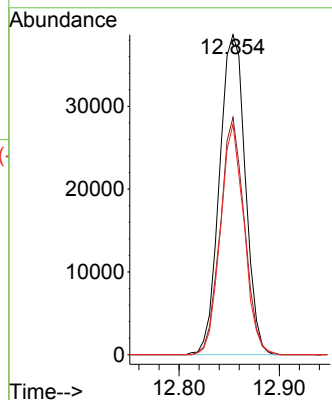
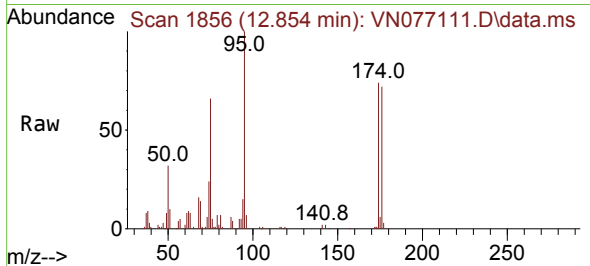




#62
4-Bromofluorobenzene
Concen: 41.171 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

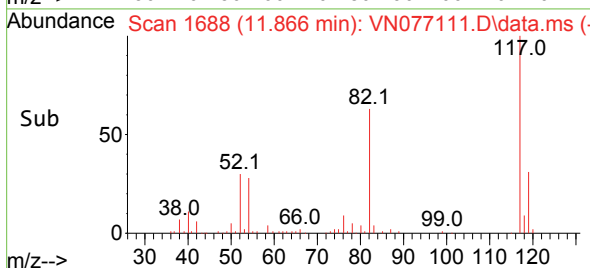
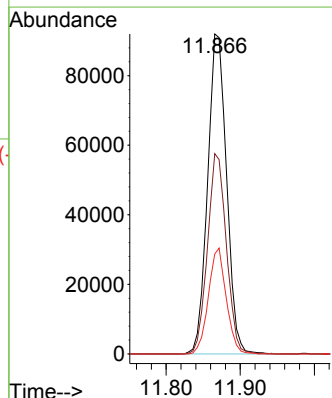
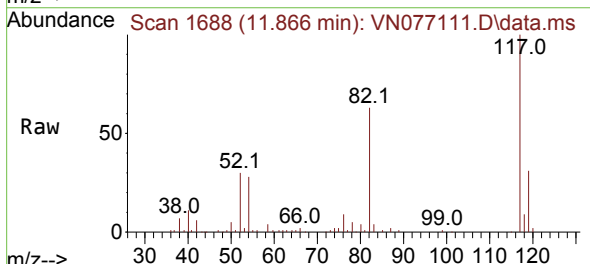
Instrument :
MSVOA_N
ClientSampleId :

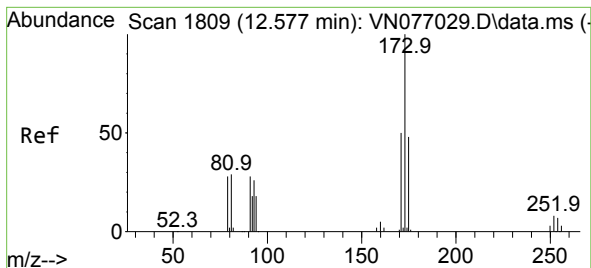
Tgt Ion: 95 Resp: 68890
Ion Ratio Lower Upper
95 100
174 69.6 0.0 136.6
176 66.0 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Tgt Ion: 117 Resp: 163409
Ion Ratio Lower Upper
117 100
82 62.6 49.4 74.0
119 31.3 26.5 39.7





#71

Bromoform

Concen: 0.927 ug/l

RT: 12.848 min Scan# 1809

Delta R.T. 0.271 min

Lab File: VN077111.D

Acq: 22 Mar 2023 16:35

Instrument :

MSVOA_N

ClientSampleId :

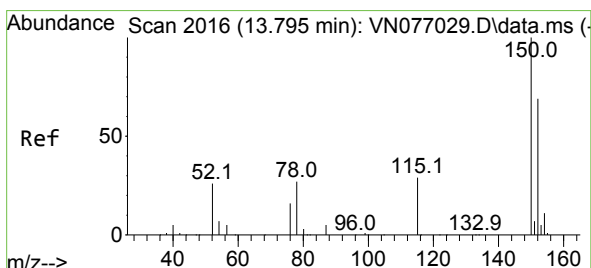
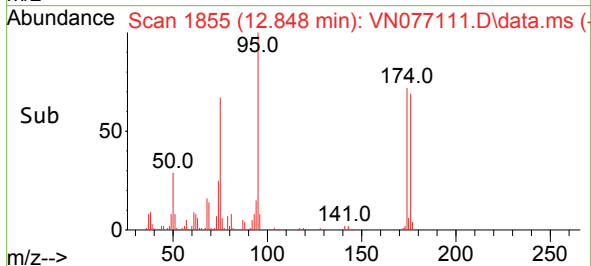
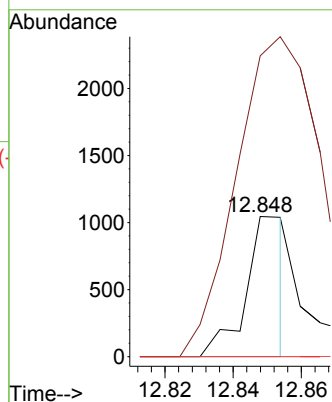
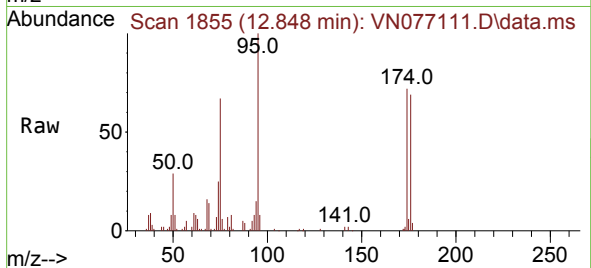
Tgt Ion:173 Resp: 874

Ion Ratio Lower Upper

173 100

175 0.0 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: VN077111.D

Acq: 22 Mar 2023 16:35

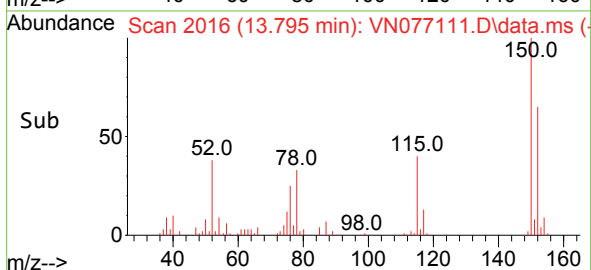
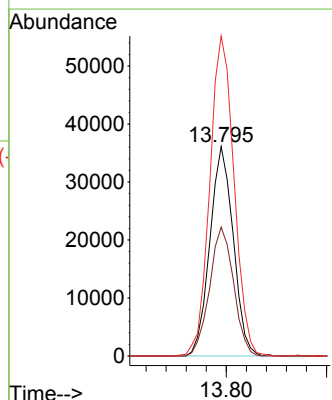
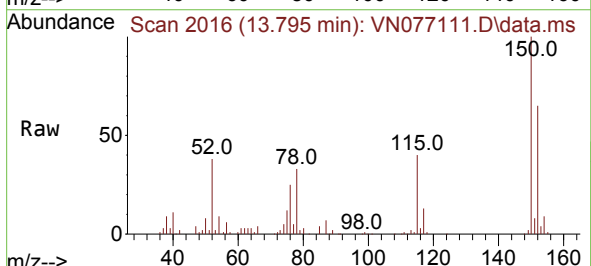
Tgt Ion:152 Resp: 58465

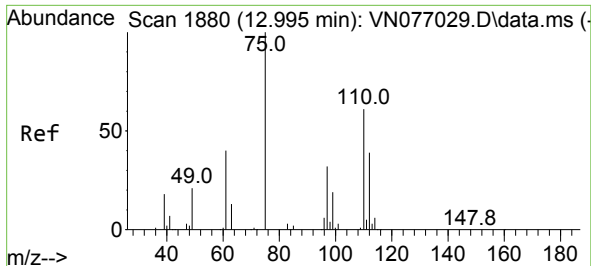
Ion Ratio Lower Upper

152 100

115 63.1 31.9 95.7

150 158.3 0.0 348.0

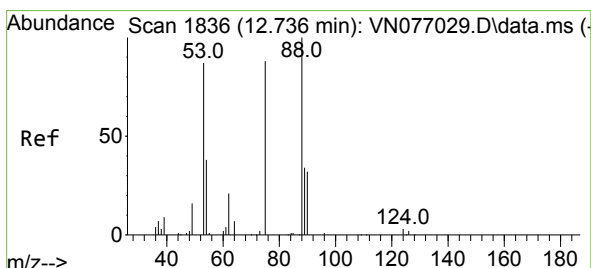
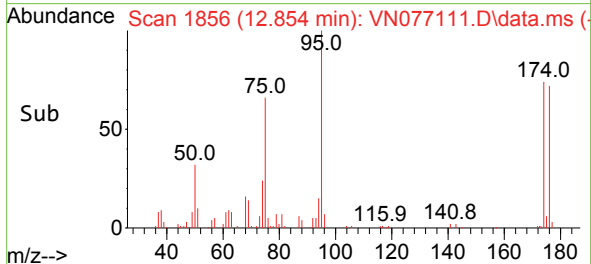
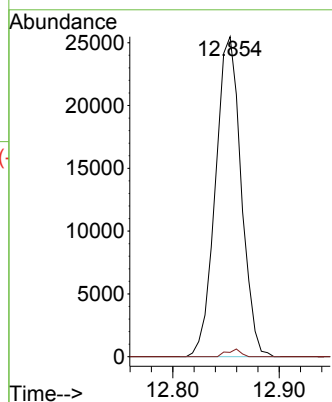
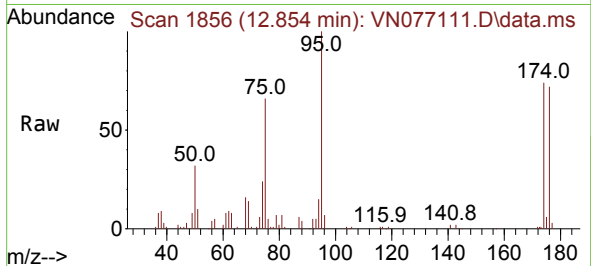




#76
1,2,3-Trichloropropane
Concen: 28.177 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 42612
Ion Ratio Lower Upper
75 100
77 1.3 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.560 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077111.D
Acq: 22 Mar 2023 16:35

Tgt Ion: 75 Resp: 42612
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.0 34.2 51.4#

