

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077112.D
 Acq On : 22 Mar 2023 17:00
 Operator : JC\MD
 Sample : 01849-10 10X
 Misc : 10.71 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 22 23:26:06 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)

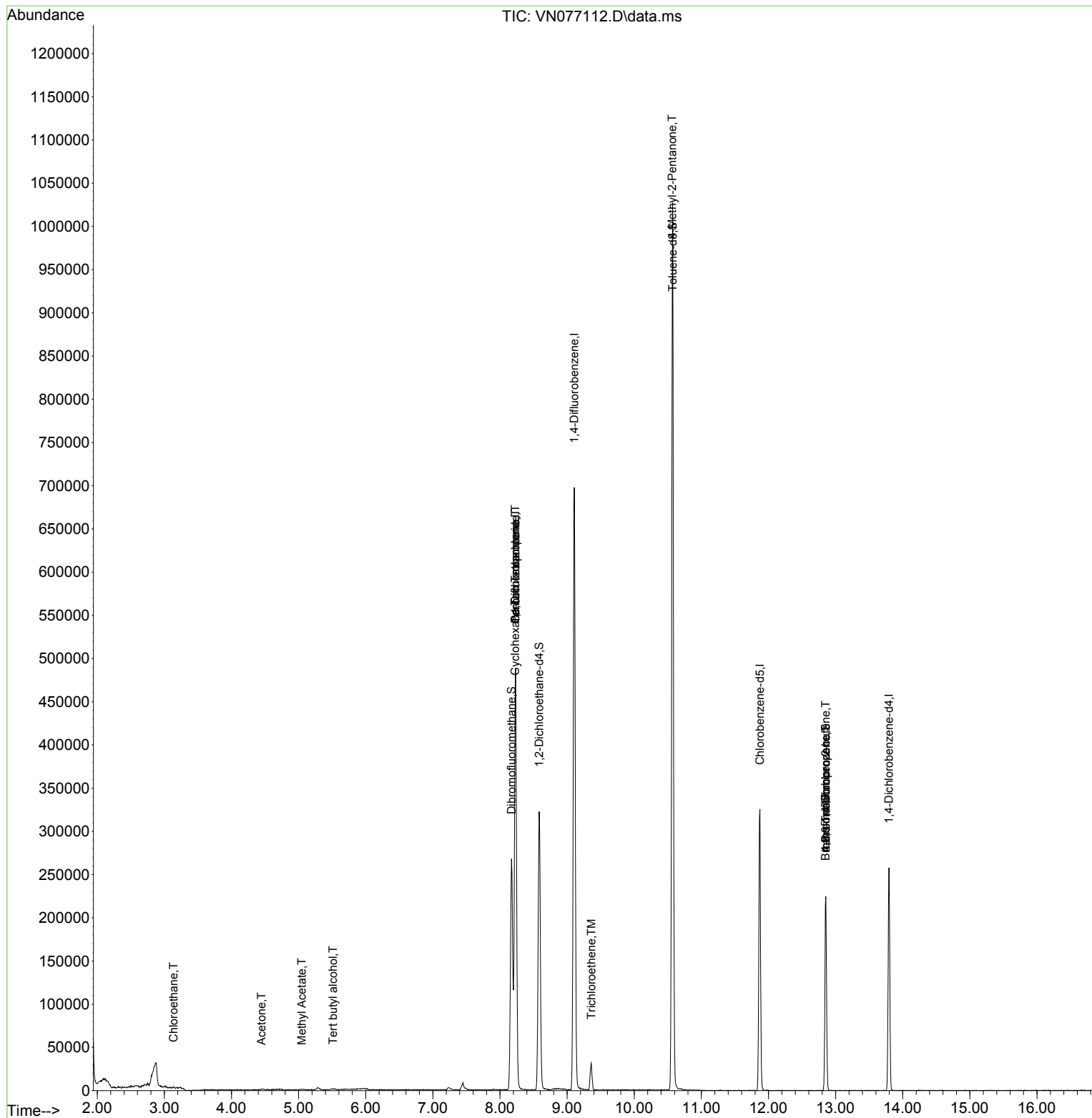
Internal Standards						
1) Pentafluorobenzene	8.231	168	318764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	559024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	160823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	59255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	271169	53.257	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.520%	
35) Dibromofluoromethane	8.172	113	191387	48.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.780%	
50) Toluene-d8	10.572	98	653519	46.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.460%	
62) 4-Bromofluorobenzene	12.854	95	69275	14.019	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 28.040%#	
Target Compounds						
					Qvalue	
6) Chloroethane	3.137	64	757	0.345	ug/l #	42
11) Tert butyl alcohol	5.513	59	1287	1.735	ug/l #	72
16) Acetone	4.448	43	864	0.381	ug/l #	43
18) Methyl Acetate	5.048	43	1761	0.206	ug/l #	54
31) Cyclohexane	8.225	56	8815	1.058	ug/l #	17
36) 1,1-Dichloropropene	8.231	75	31640	5.174	ug/l #	52
38) Carbon Tetrachloride	8.231	117	37860	6.357	ug/l #	14
44) Trichloroethene	9.360	130	10126	2.377	ug/l	100
51) 4-Methyl-2-Pentanone	10.566	43	3662	0.575	ug/l #	1
71) Bromoform	12.848	173	462	0.498	ug/l #	28
76) 1,2,3-Trichloropropane	12.854	75	42885	27.980	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	42885	77.016	ug/l #	10

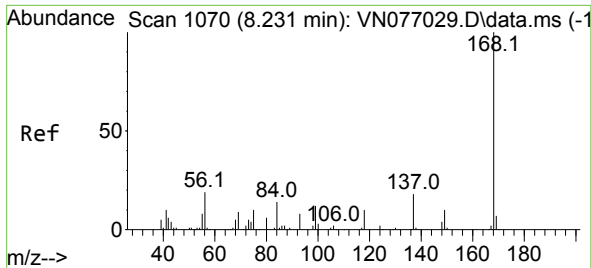
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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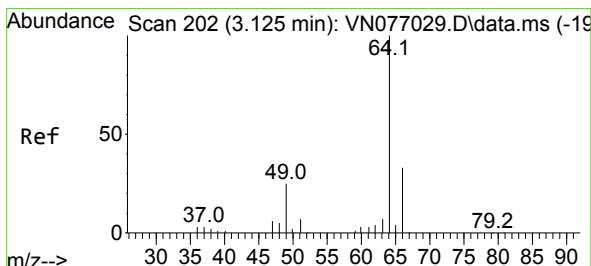
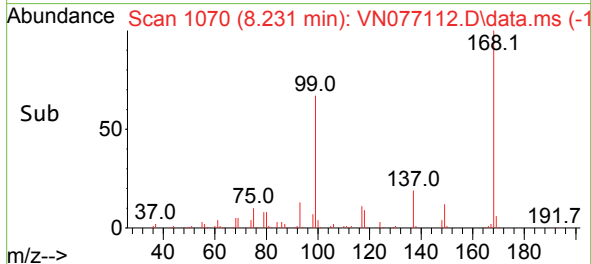
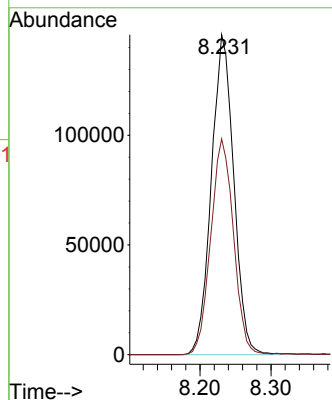
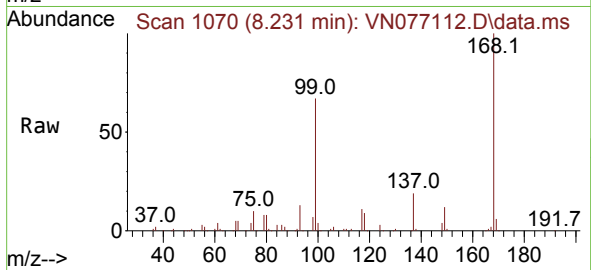




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

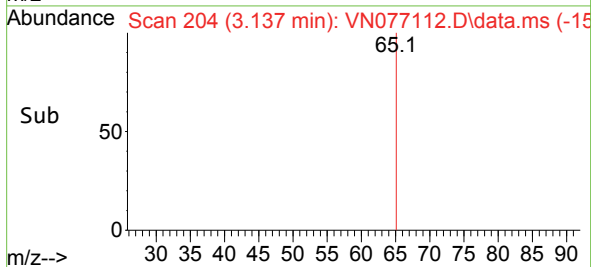
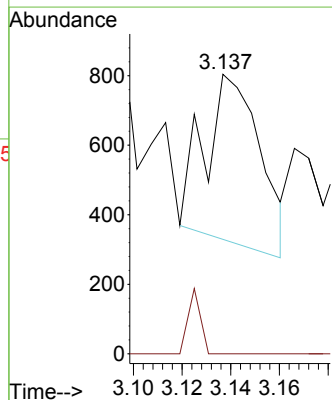
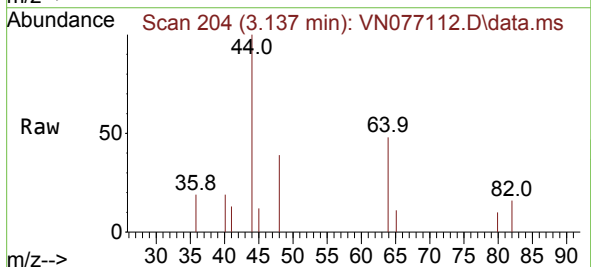
Instrument :
MSVOA_N
ClientSampleId :

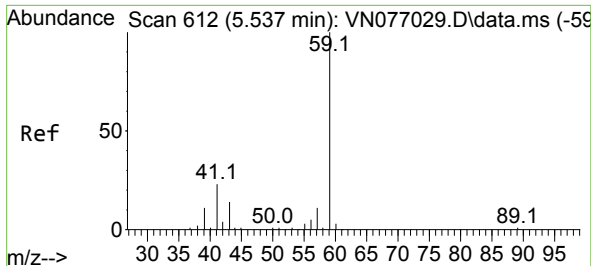
Tgt Ion:168 Resp: 318764
Ion Ratio Lower Upper
168 100
99 67.4 53.9 80.9



#6
Chloroethane
Concen: 0.345 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

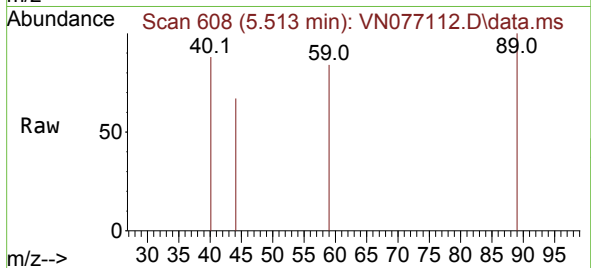
Tgt Ion: 64 Resp: 757
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



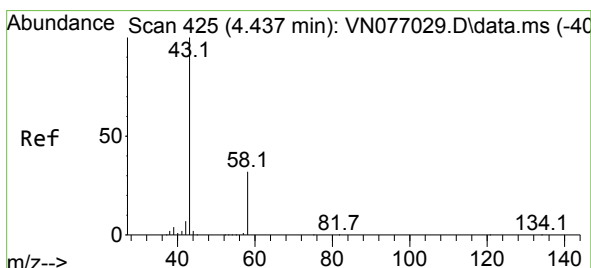
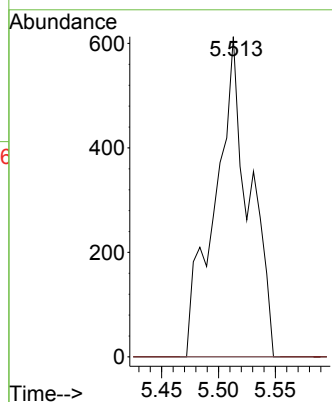
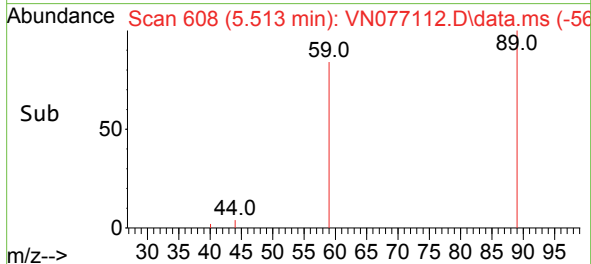


#11
Tert butyl alcohol
Concen: 1.735 ug/l
RT: 5.513 min Scan# 608
Delta R.T. -0.024 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

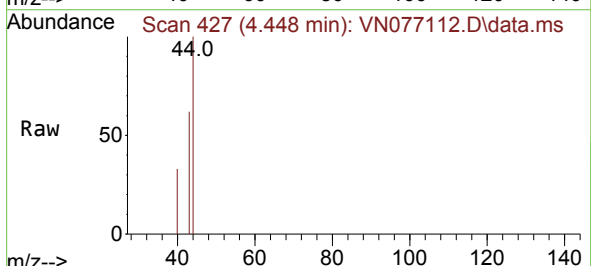
Instrument :
MSVOA_N
ClientSampleId :



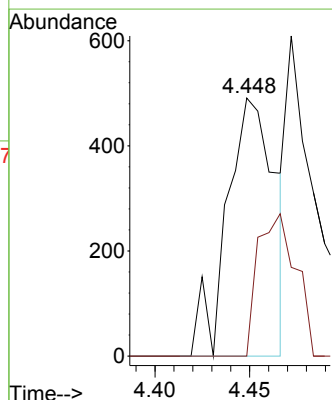
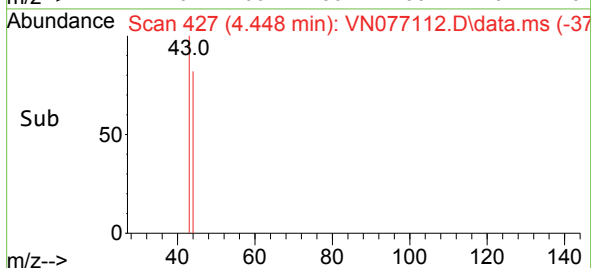
Tgt Ion: 59 Resp: 1287
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

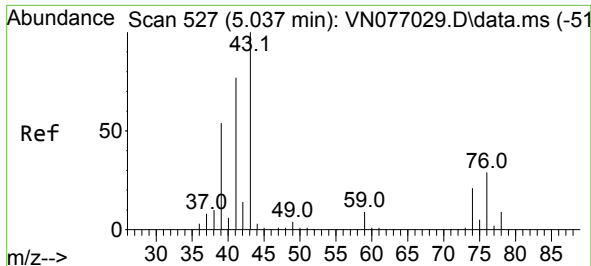


#16
Acetone
Concen: 0.381 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00



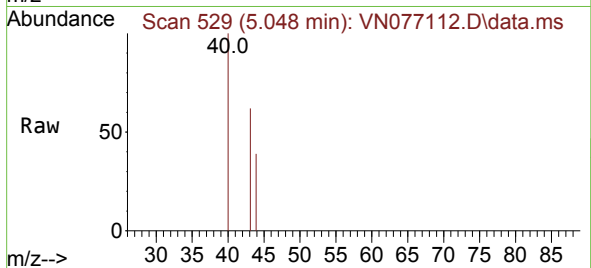
Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



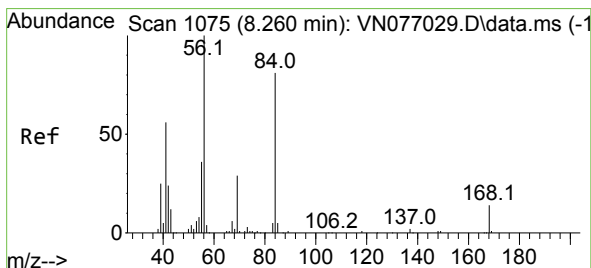
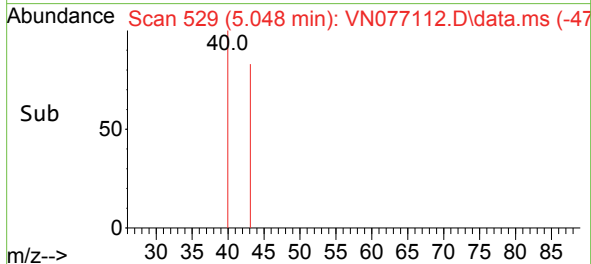
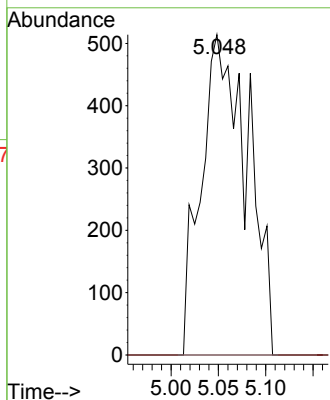


#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :

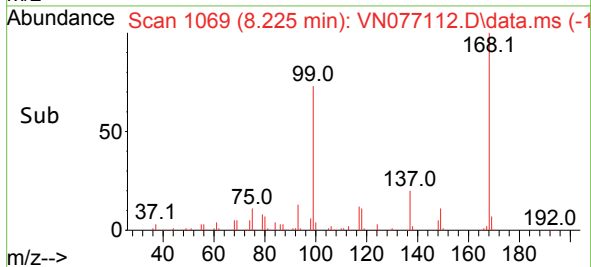
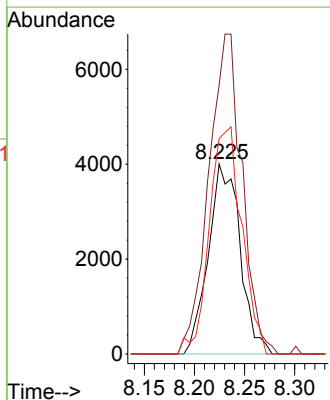
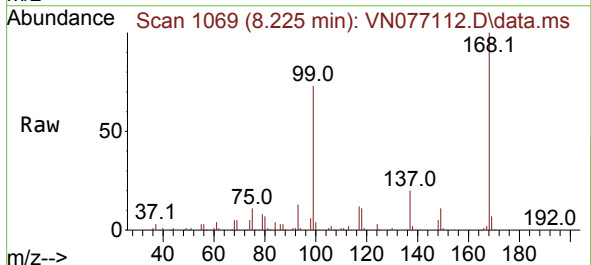


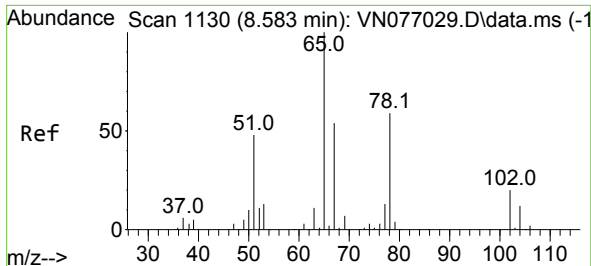
Tgt Ion: 43 Resp: 1761
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.058 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

Tgt Ion: 56 Resp: 8815
Ion Ratio Lower Upper
56 100
69 141.6 22.8 34.2#
84 113.4 64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 53.257 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077112.D

Acq: 22 Mar 2023 17:00

Instrument :

MSVOA_N

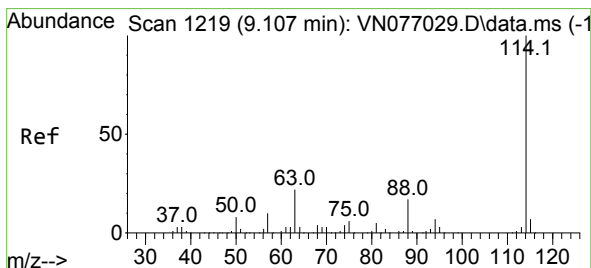
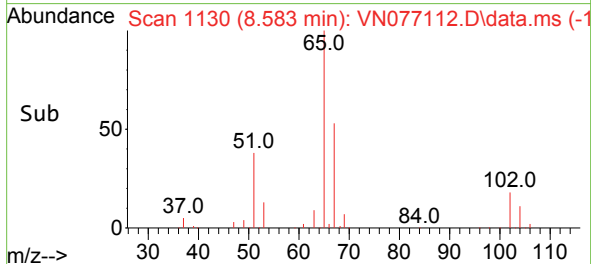
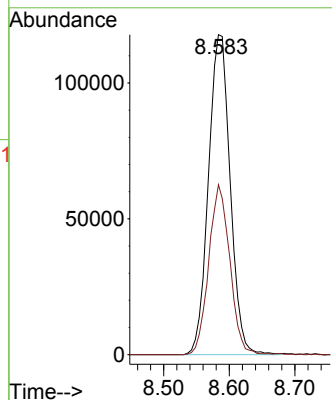
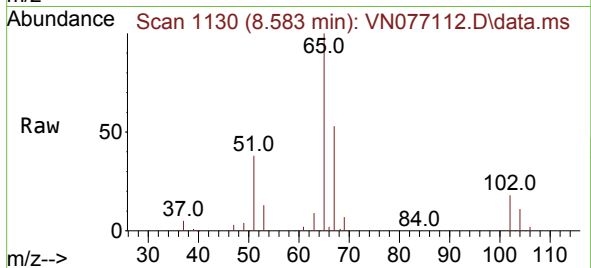
ClientSampleId :

Tgt Ion: 65 Resp: 271169

Ion Ratio Lower Upper

65 100

67 51.4 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: VN077112.D

Acq: 22 Mar 2023 17:00

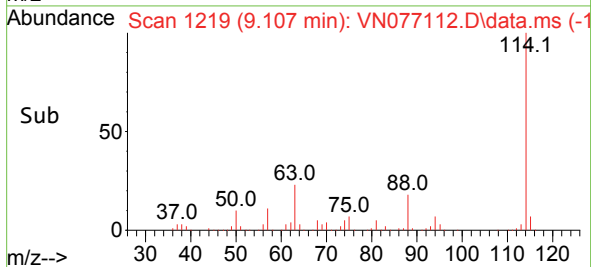
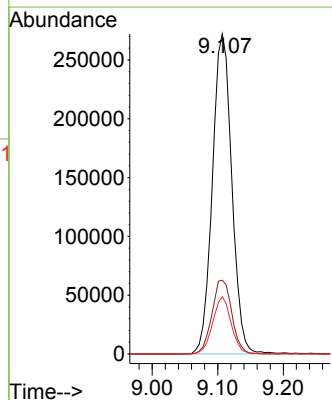
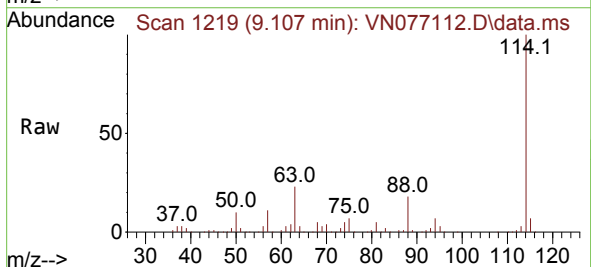
Tgt Ion: 114 Resp: 559024

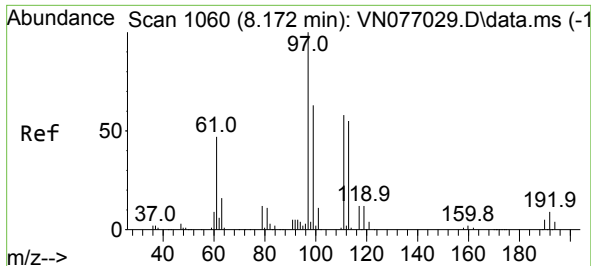
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

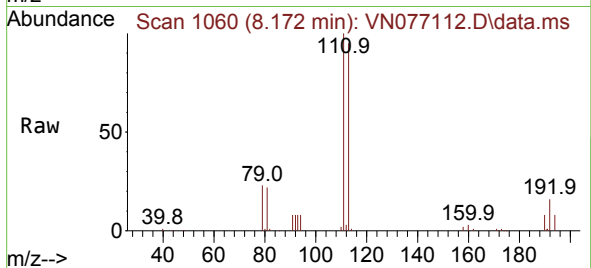
88 17.9 0.0 33.8



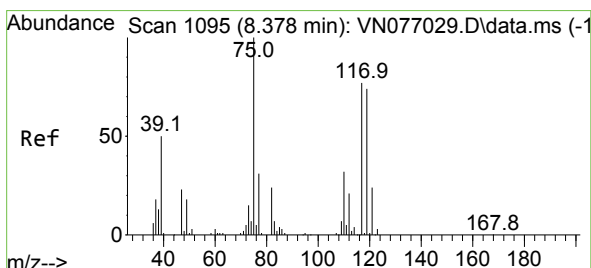
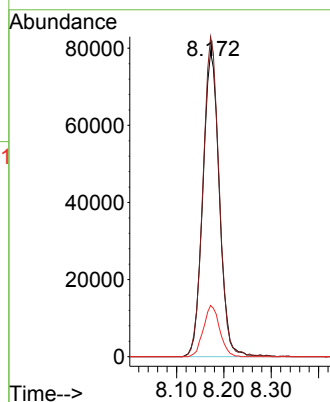
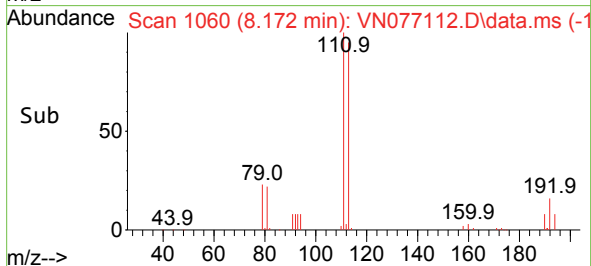


#35
Dibromofluoromethane
Concen: 48.887 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :

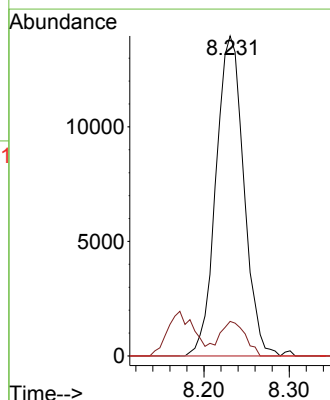
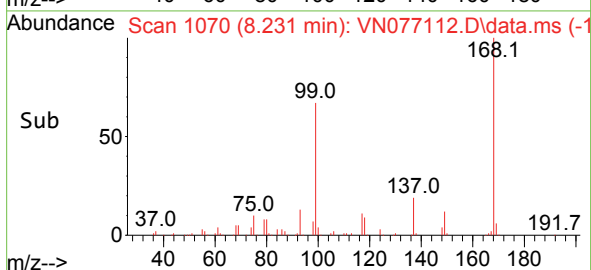
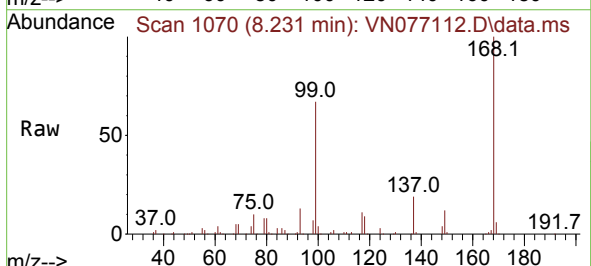


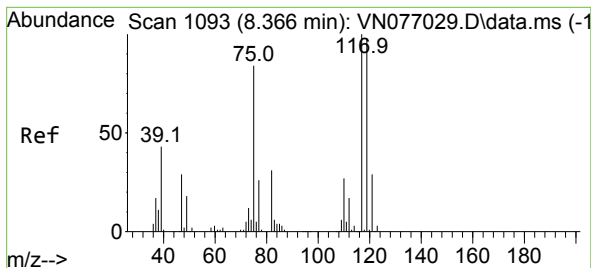
Tgt Ion:113 Resp: 191387
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 16.5 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

Tgt Ion: 75 Resp: 31640
Ion Ratio Lower Upper
75 100
110 9.2 15.9 47.7#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.357 ug/l

RT: 8.231 min Scan# 1093

Delta R.T. -0.135 min

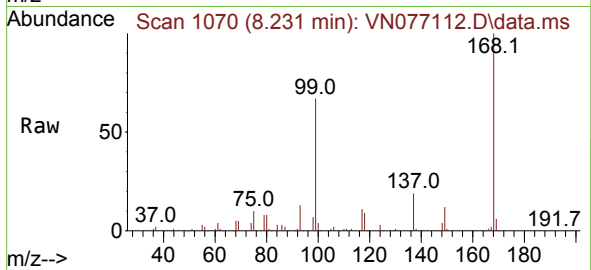
Lab File: VN077112.D

Acq: 22 Mar 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :



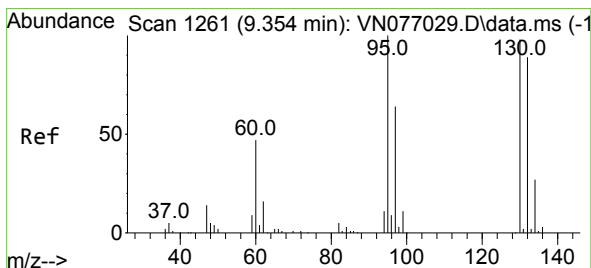
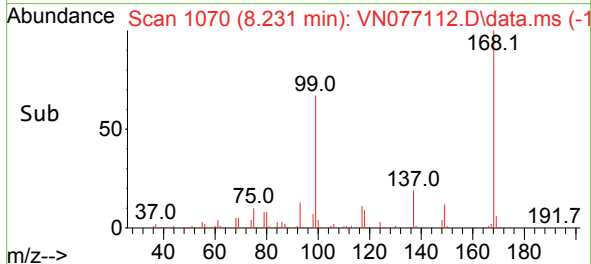
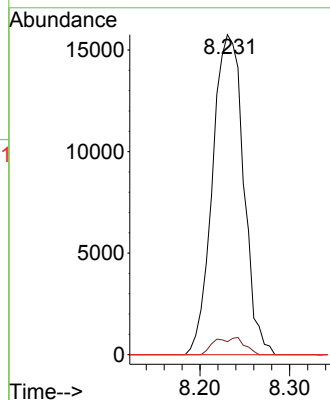
Tgt Ion:117 Resp: 37860

Ion Ratio Lower Upper

117 100

119 4.1 78.2 117.2#

121 0.0 23.2 34.8#



#44

Trichloroethene

Concen: 2.377 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN077112.D

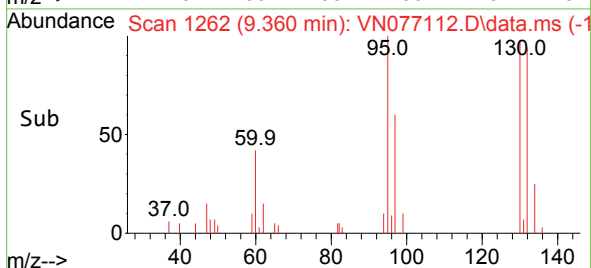
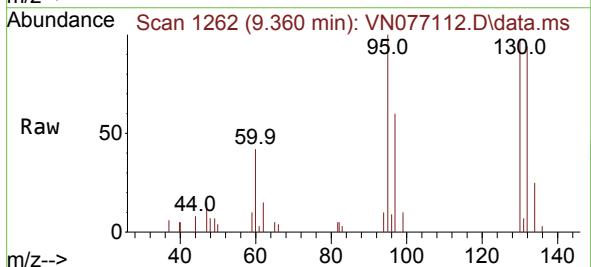
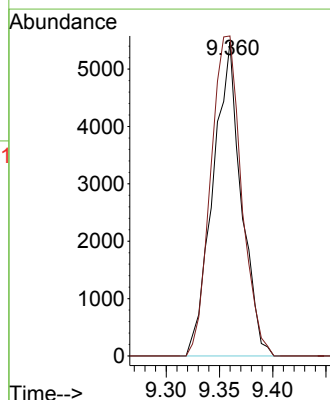
Acq: 22 Mar 2023 17:00

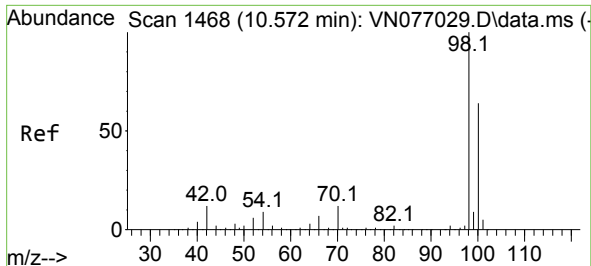
Tgt Ion:130 Resp: 10126

Ion Ratio Lower Upper

130 100

95 101.9 0.0 204.4

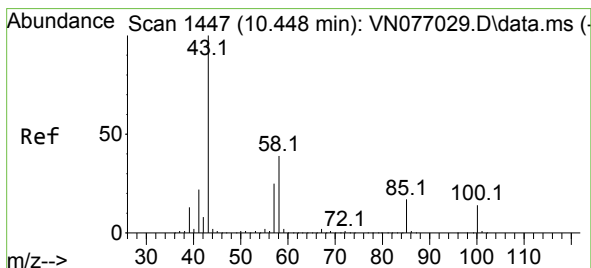
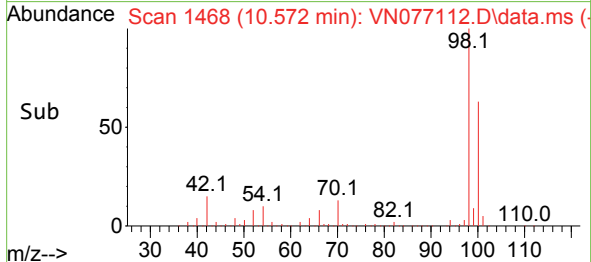
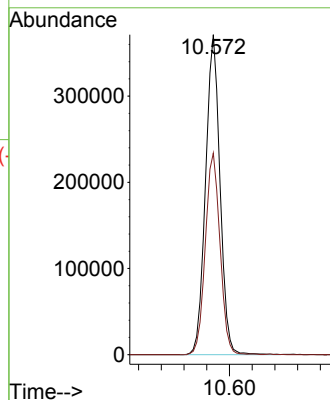
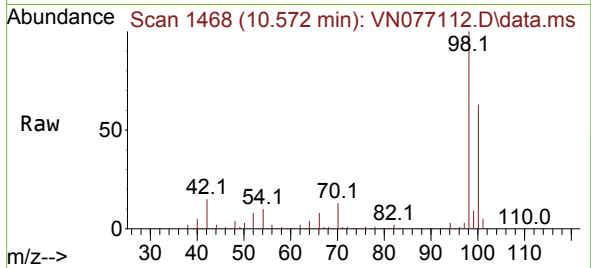




#50
Toluene-d8
Concen: 46.731 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

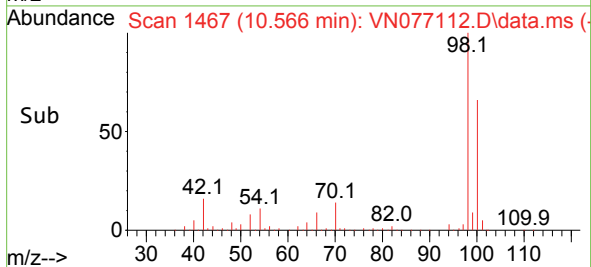
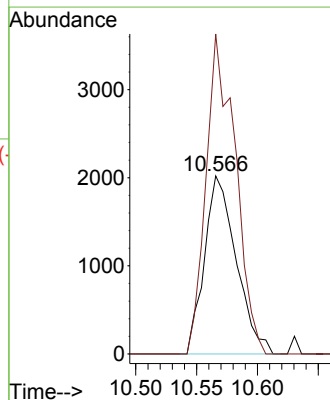
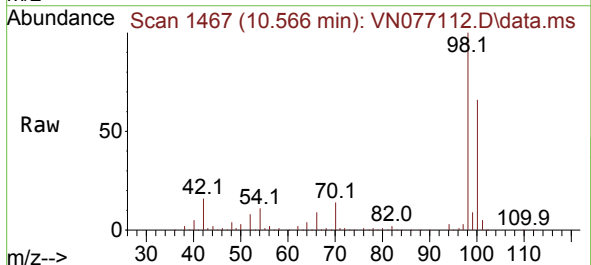
Instrument :
MSVOA_N
ClientSampleId :

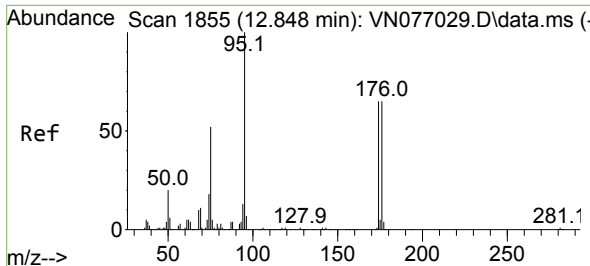
Tgt Ion: 98 Resp: 653519
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.118 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

Tgt Ion: 43 Resp: 3662
Ion Ratio Lower Upper
43 100
58 166.5 31.1 46.7#

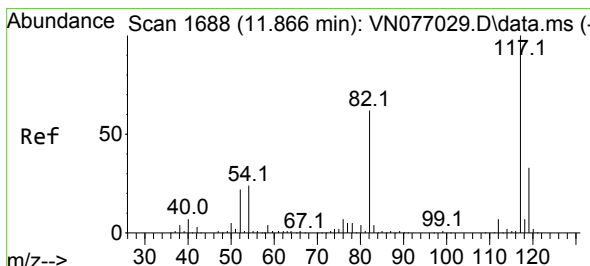
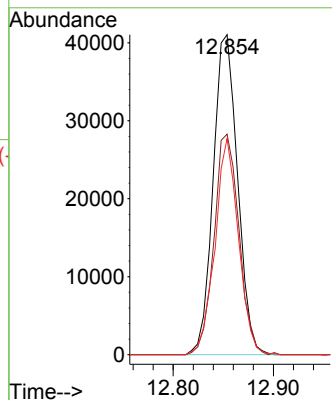
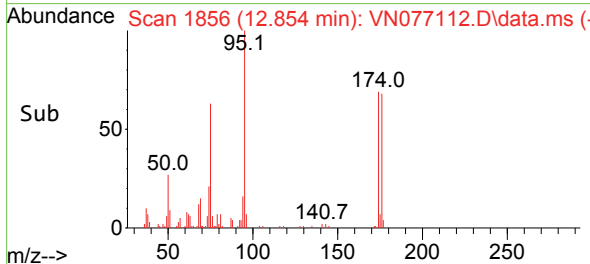
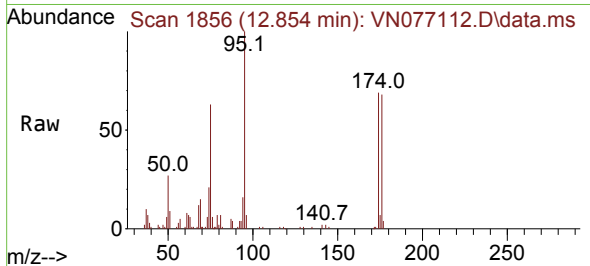




#62
4-Bromofluorobenzene
Concen: 14.019 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

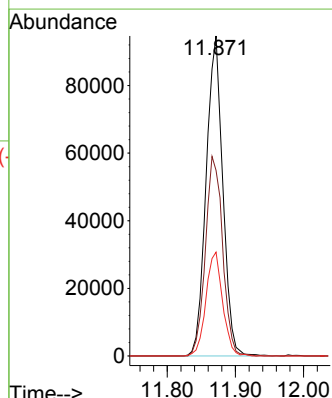
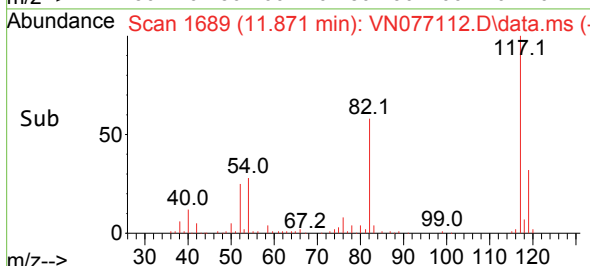
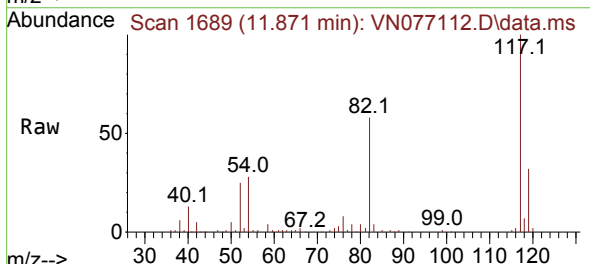
Instrument :
MSVOA_N
ClientSampleId :

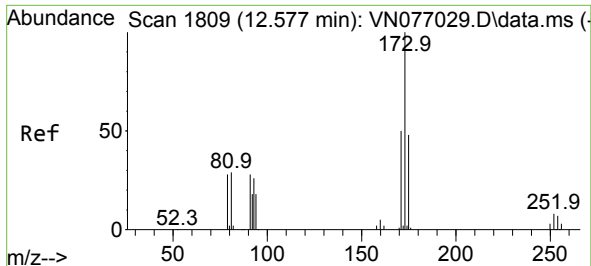
Tgt Ion: 95 Resp: 69275
Ion Ratio Lower Upper
95 100
174 70.5 0.0 136.6
176 65.0 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

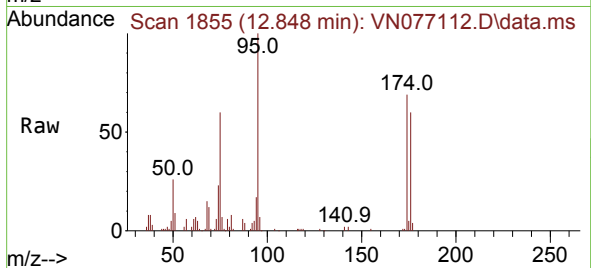
Tgt Ion: 117 Resp: 160823
Ion Ratio Lower Upper
117 100
82 58.0 49.4 74.0
119 32.5 26.5 39.7



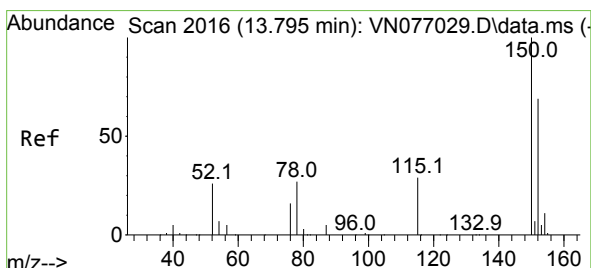
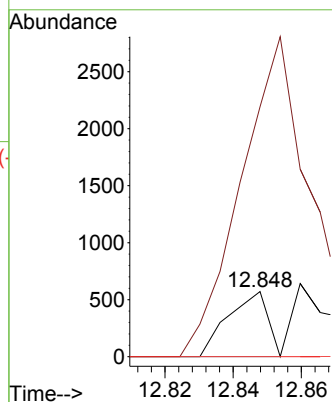
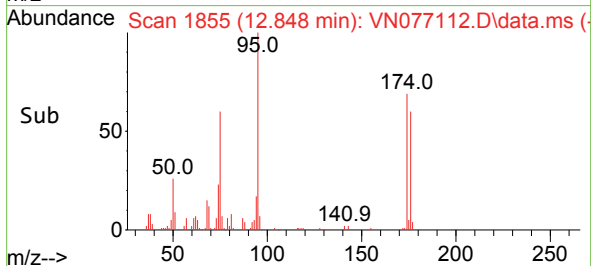


#71
Bromoform
Concen: 0.498 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.271 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :

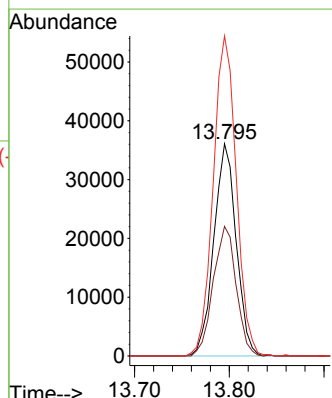
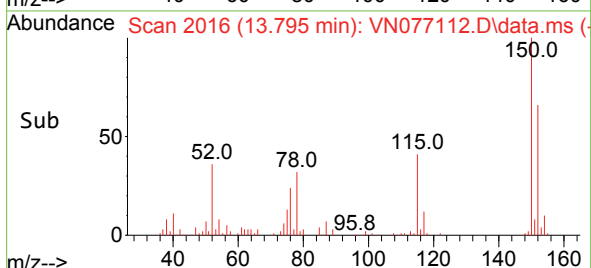
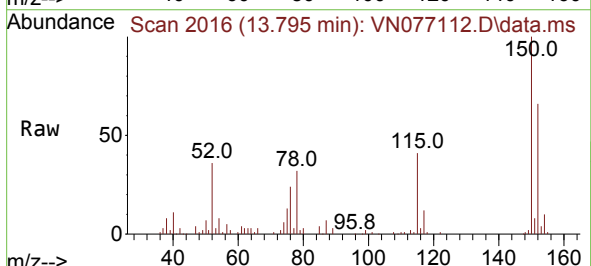


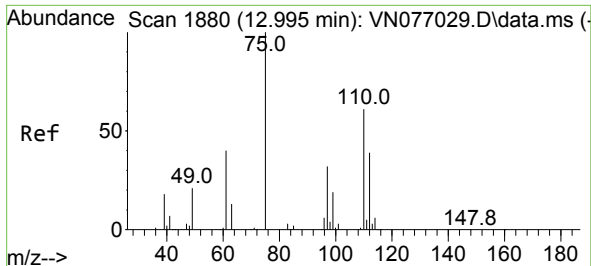
Tgt Ion:173 Resp: 462
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

Tgt Ion:152 Resp: 59255
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.7
150 155.2 0.0 348.0

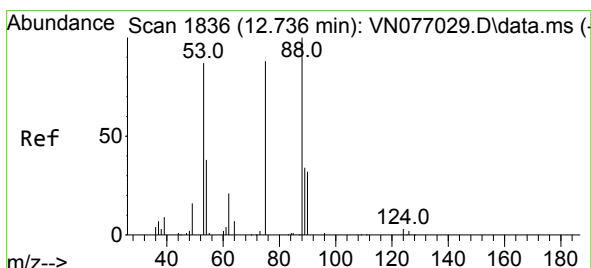
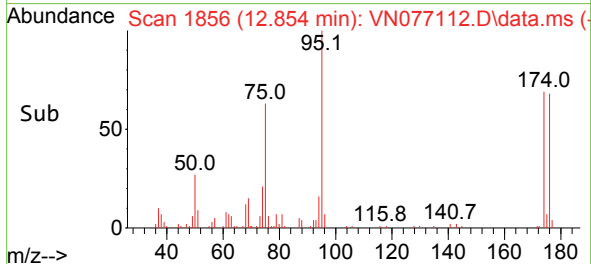
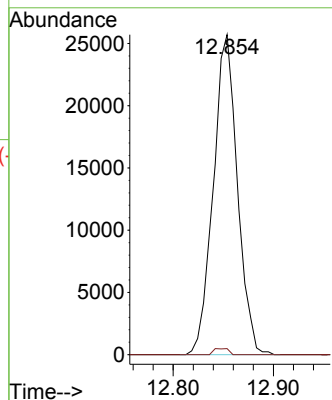
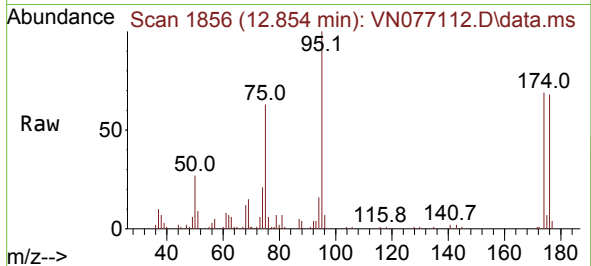




#76
1,2,3-Trichloropropane
Concen: 27.980 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 42885
Ion Ratio Lower Upper
75 100
77 1.2 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.016 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077112.D
Acq: 22 Mar 2023 17:00

Tgt Ion: 75 Resp: 42885
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.0 34.2 51.4#

