

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077108.D
 Acq On : 22 Mar 2023 15:23
 Operator : JC\MD
 Sample : 01849-05 10X
 Misc : 13.24 g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-10-25.0-030823

Quant Time: Mar 22 23:24:47 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)

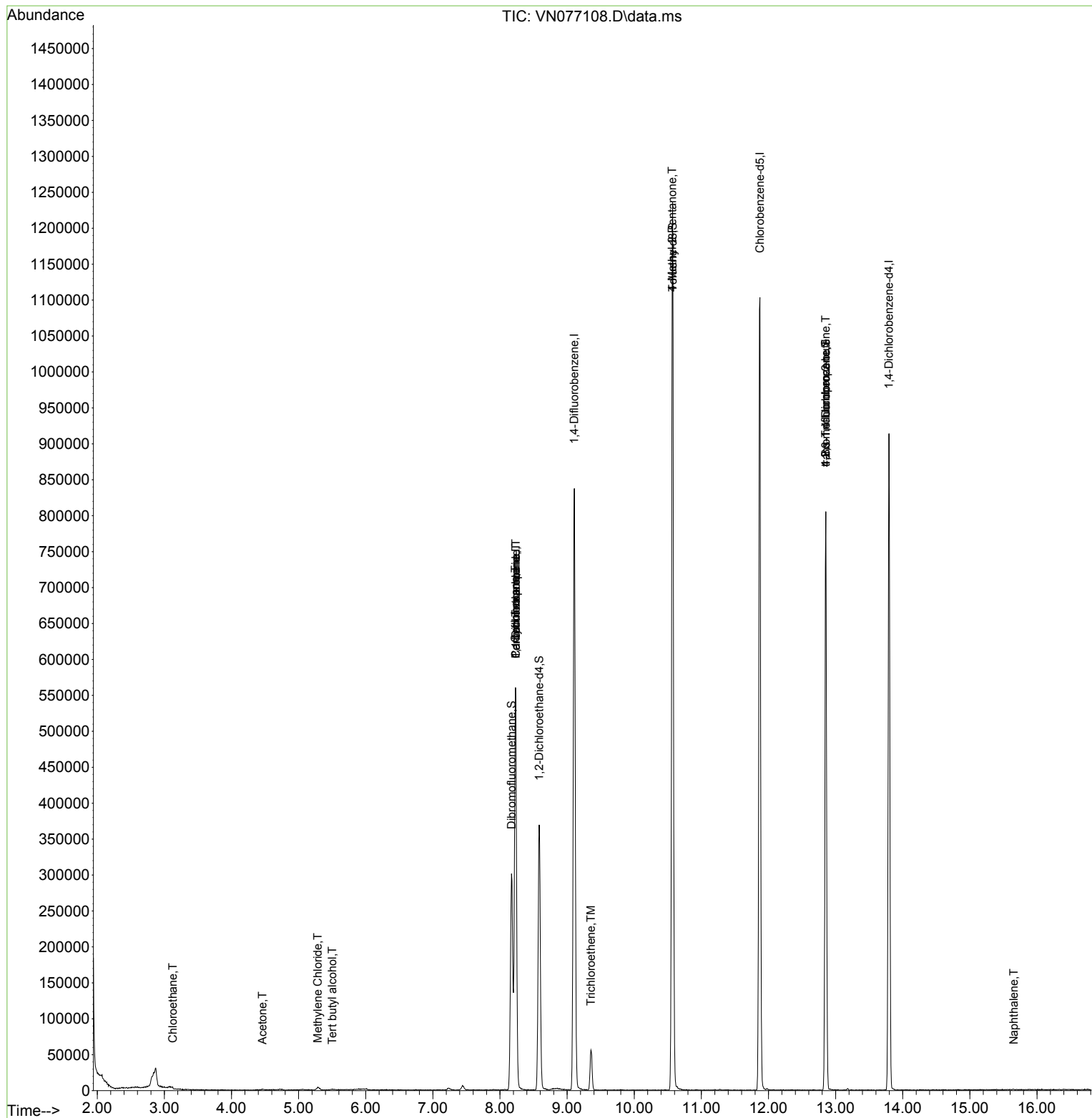
Internal Standards						
1) Pentafluorobenzene	8.236	168	376280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	685419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	605432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	224188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	309760	51.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.080%			
35) Dibromofluoromethane	8.172	113	219282	45.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.360%			
50) Toluene-d8	10.572	98	837247	48.829	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.660%			
62) 4-Bromofluorobenzene	12.854	95	275955	45.545	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.080%			
Target Compounds						
					Qvalue	
6) Chloroethane	3.125	64	1276	0.493	ug/l #	42
11) Tert butyl alcohol	5.501	59	1249	1.426	ug/l #	72
16) Acetone	4.460	43	1704	0.636	ug/l #	75
20) Methylene Chloride	5.284	84	1572	0.270	ug/l #	62
31) Cyclohexane	8.231	56	10519	1.070	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	36207	4.829	ug/l #	50
38) Carbon Tetrachloride	8.236	117	42418	5.809	ug/l #	14
44) Trichloroethene	9.354	130	19699	3.772	ug/l	95
51) 4-Methyl-2-Pentanone	10.566	43	4360	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	153153	26.411	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	153153	72.697	ug/l #	10
95) Naphthalene	15.654	128	862	1.968	ug/l #	70

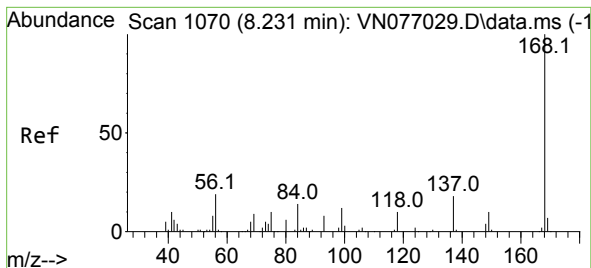
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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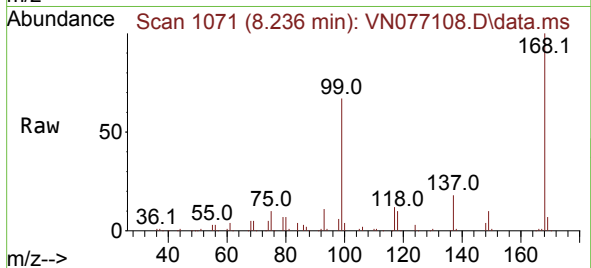
Quant Time: Mar 22 23:24:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
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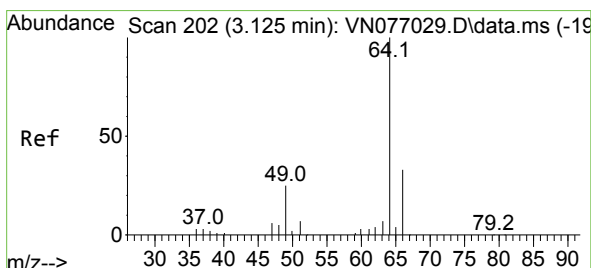
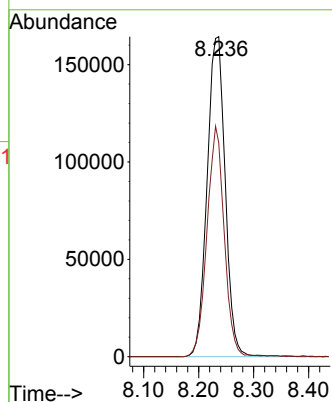
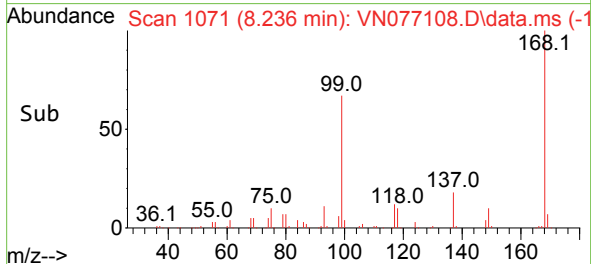


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
CB-10-25.0-030823

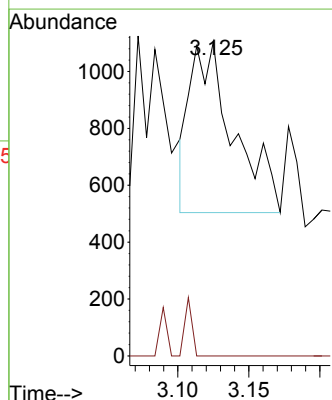
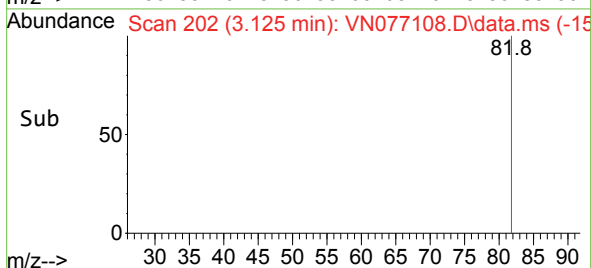
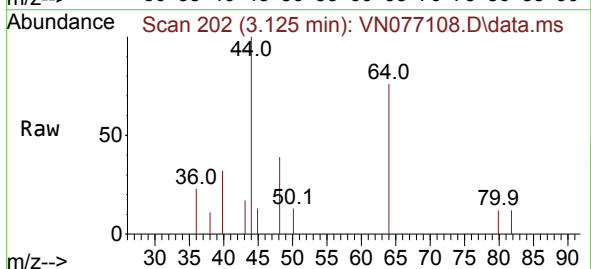


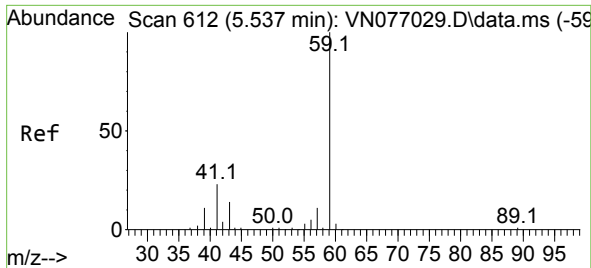
Tgt Ion:168 Resp: 376280
Ion Ratio Lower Upper
168 100
99 66.9 53.9 80.9



#6
Chloroethane
Concen: 0.493 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

Tgt Ion: 64 Resp: 1276
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#

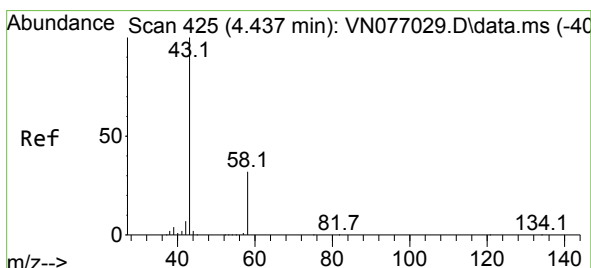
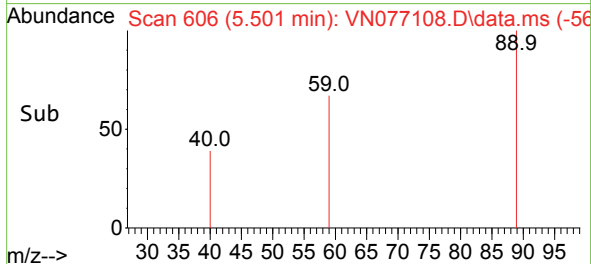
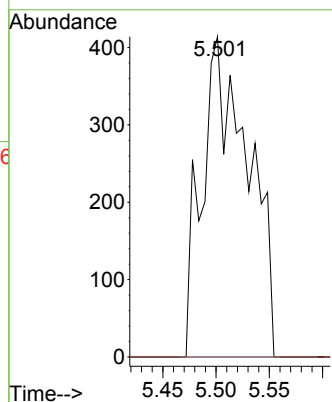
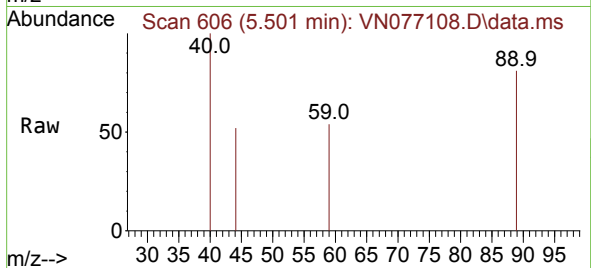




#11
Tert butyl alcohol
Concen: 1.426 ug/l
RT: 5.501 min Scan# 606
Delta R.T. -0.036 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

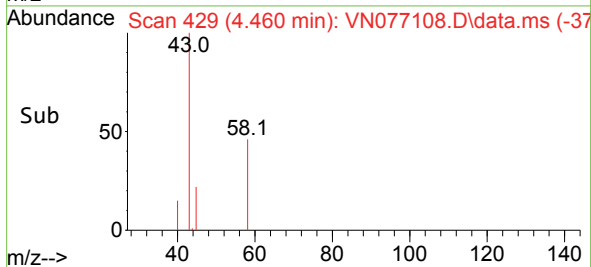
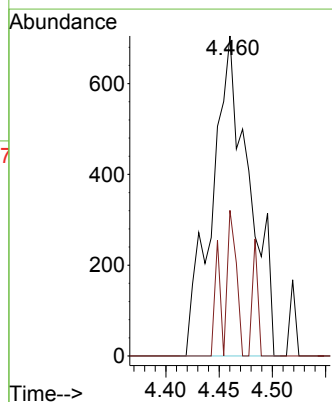
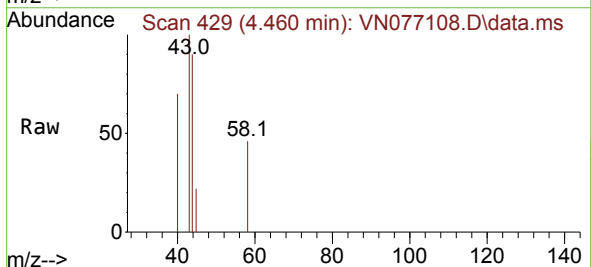
Instrument :
MSVOA_N
ClientSampleId :
CB-10-25.0-030823

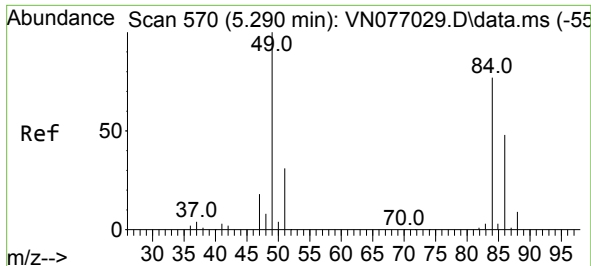
Tgt Ion: 59 Resp: 1249
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 0.636 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

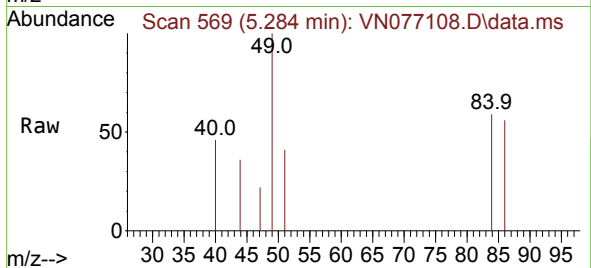
Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 45.5 25.4 38.0#





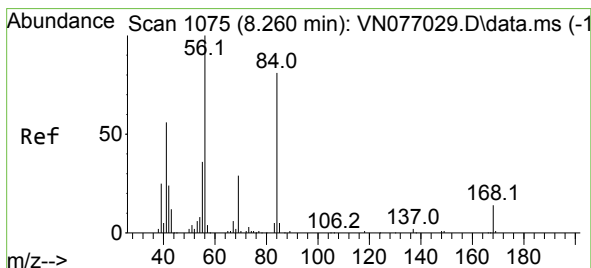
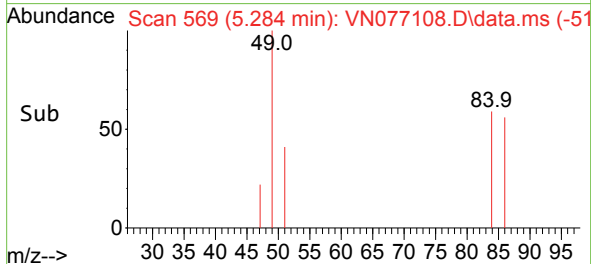
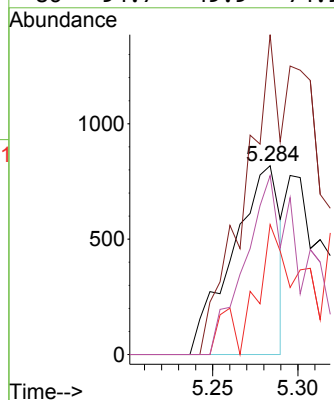
#20
Methylene Chloride
Concen: 0.270 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
CB-10-25.0-030823



Tgt Ion: 84 Resp: 1572

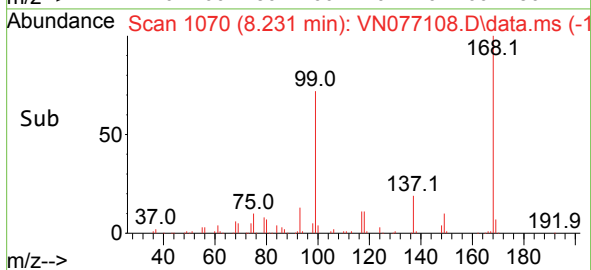
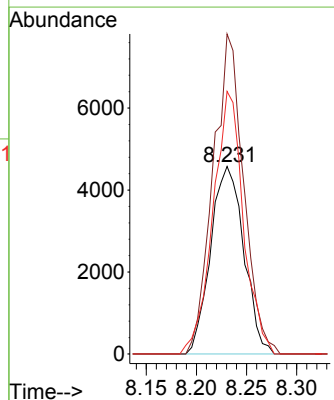
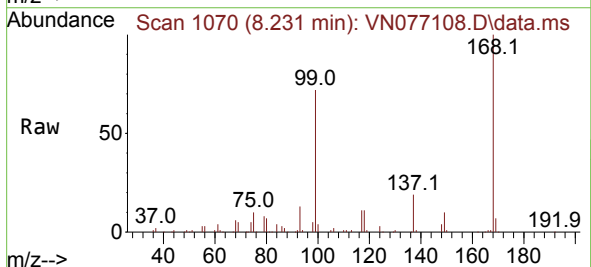
Ion	Ratio	Lower	Upper
84	100		
49	169.4	103.8	155.6#
51	68.8	32.3	48.5#
86	94.7	49.9	74.9#

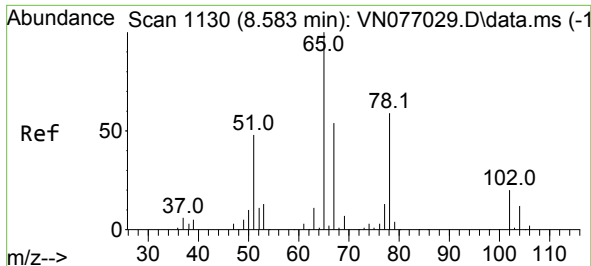


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.029 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

Tgt Ion: 56 Resp: 10519

Ion	Ratio	Lower	Upper
56	100		
69	170.7	22.8	34.2#
84	140.0	64.7	97.1#





#33

1,2-Dichloroethane-d4

Concen: 51.537 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077108.D

Acq: 22 Mar 2023 15:23

Instrument :

MSVOA_N

ClientSampleId :

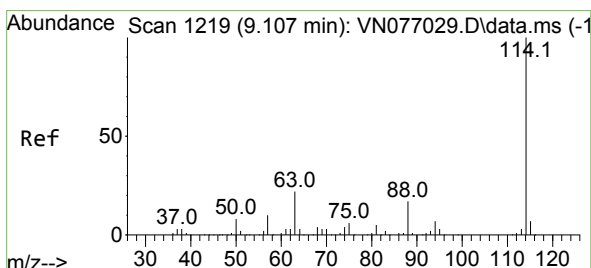
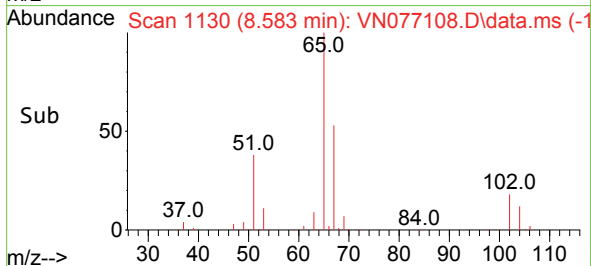
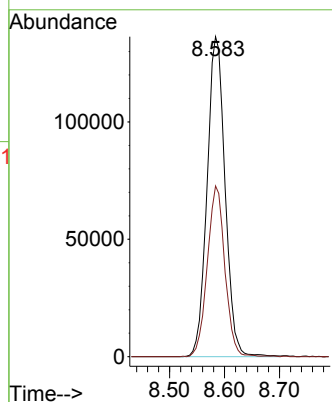
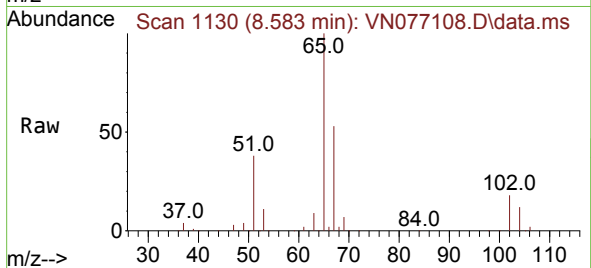
CB-10-25.0-030823

Tgt Ion: 65 Resp: 309760

Ion Ratio Lower Upper

65 100

67 52.1 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: VN077108.D

Acq: 22 Mar 2023 15:23

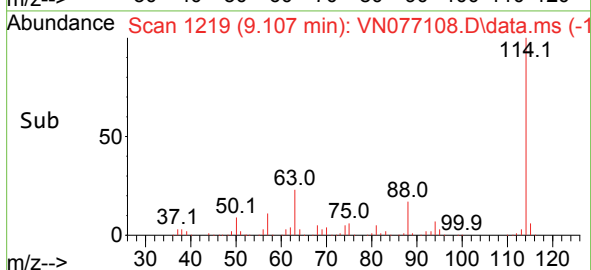
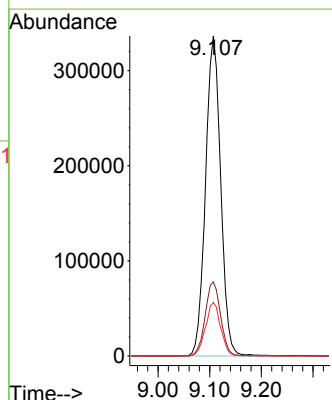
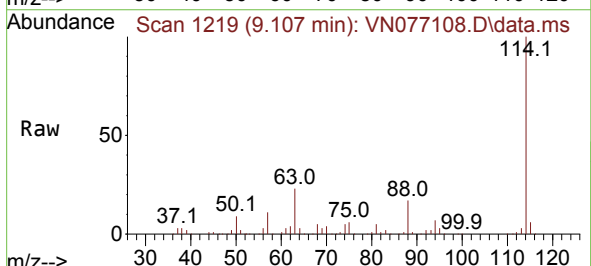
Tgt Ion: 114 Resp: 685419

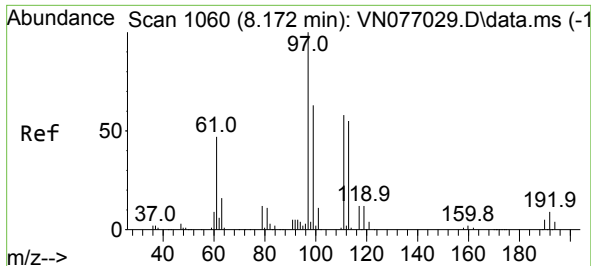
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.7 0.0 33.8

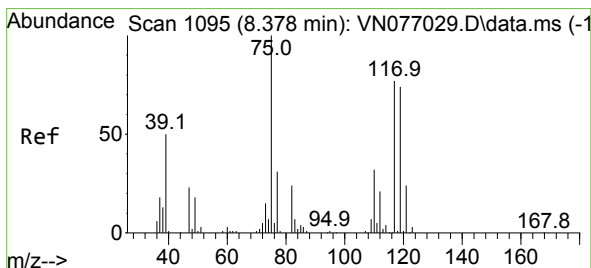
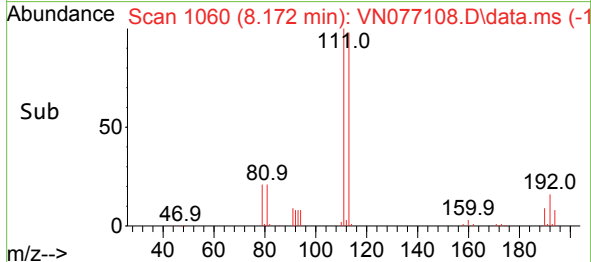
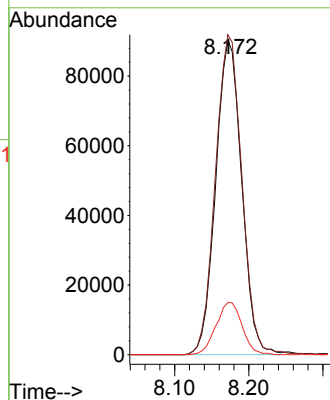
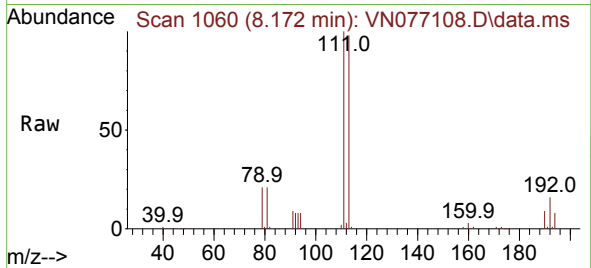




#35
Dibromofluoromethane
Concen: 45.683 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

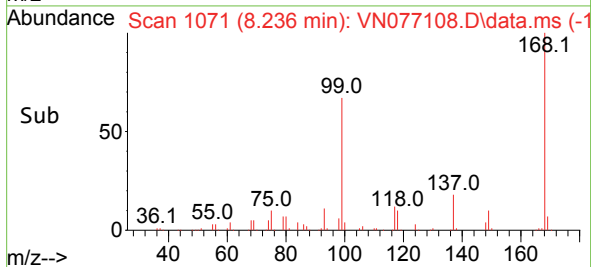
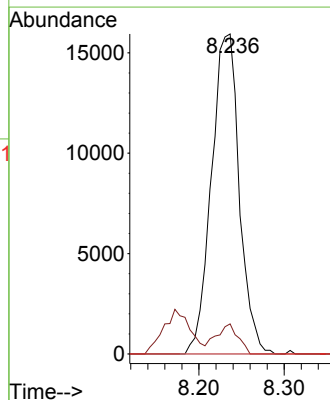
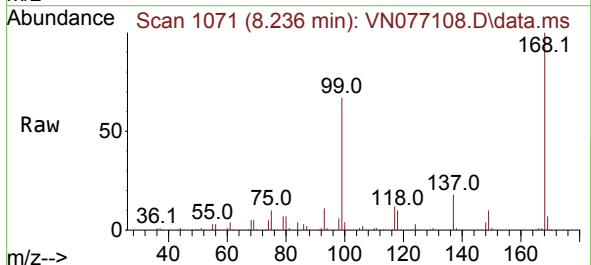
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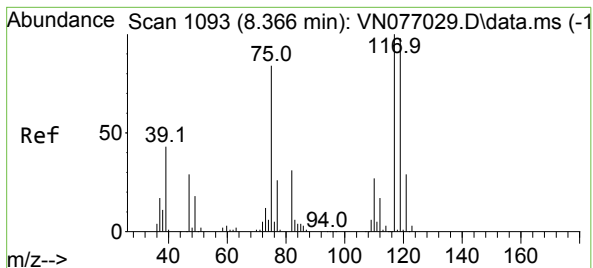
Tgt Ion:113 Resp: 219282
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 16.7 13.0 19.6



#36
1,1-Dichloropropene
Concen: 4.829 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.141 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

Tgt Ion: 75 Resp: 36207
Ion Ratio Lower Upper
75 100
110 7.4 15.9 47.7#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.809 ug/l

RT: 8.236 min Scan# 1093

Delta R.T. -0.129 min

Lab File: VN077108.D

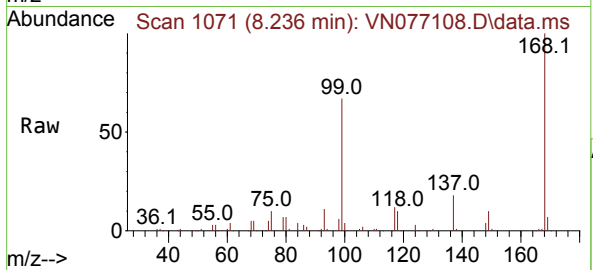
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Instrument :

MSVOA_N

ClientSampleId :

CB-10-25.0-030823



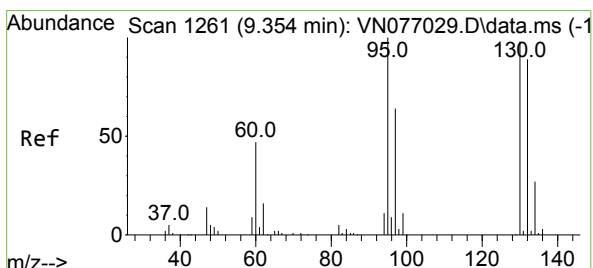
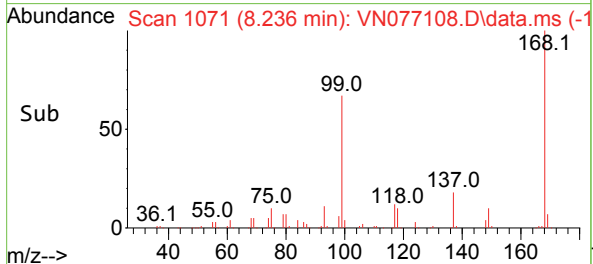
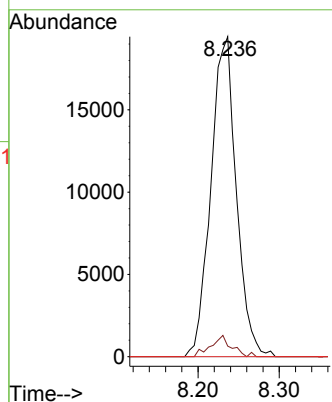
Tgt Ion:117 Resp: 42418

Ion Ratio Lower Upper

117 100

119 3.3 78.2 117.2#

121 0.0 23.2 34.8#



#44

Trichloroethene

Concen: 3.772 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077108.D

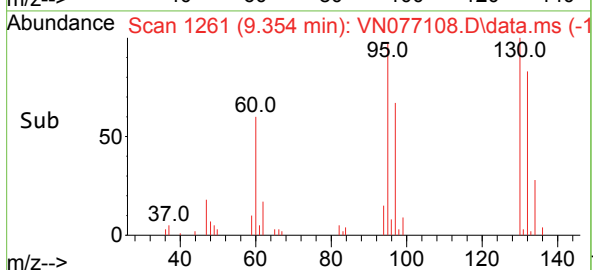
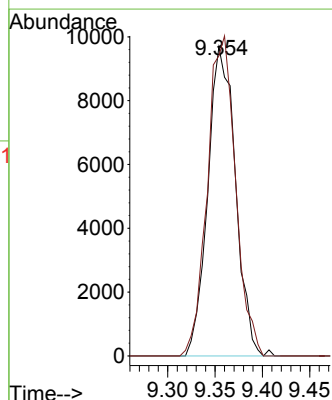
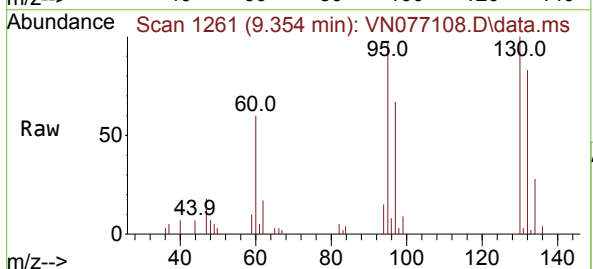
Acq: 22 Mar 2023 15:23

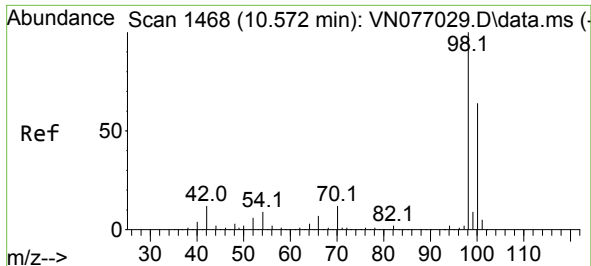
Tgt Ion:130 Resp: 19699

Ion Ratio Lower Upper

130 100

95 97.1 0.0 204.4

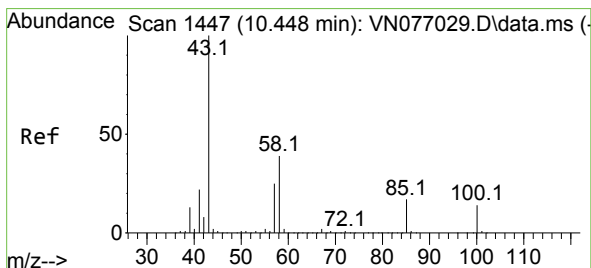
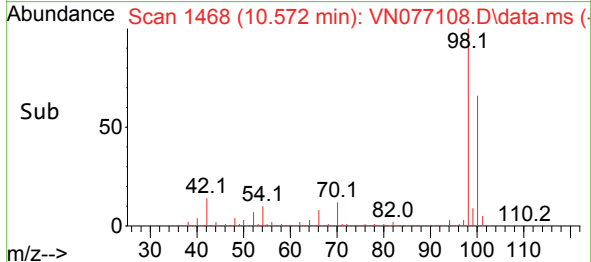
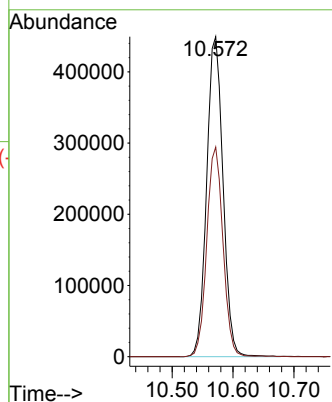
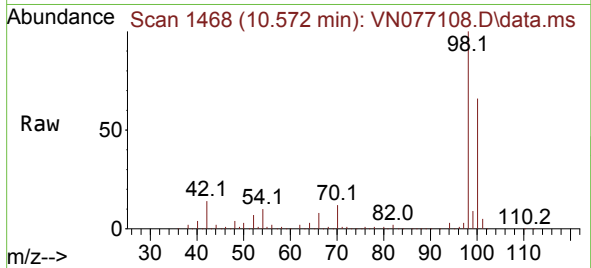




#50
Toluene-d8
Concen: 48.829 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

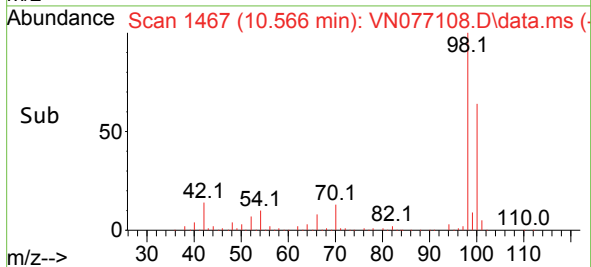
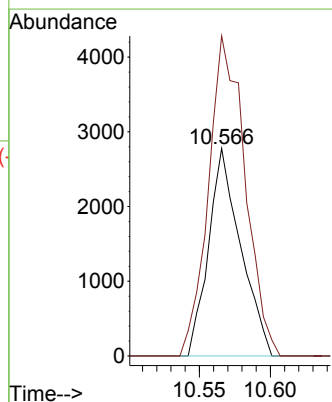
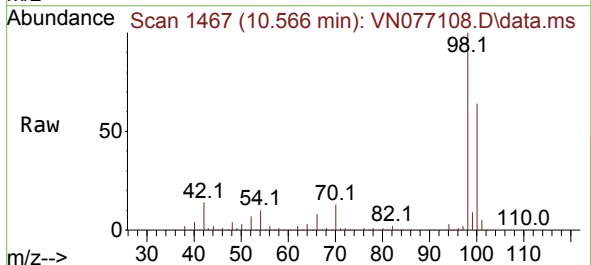
Instrument :
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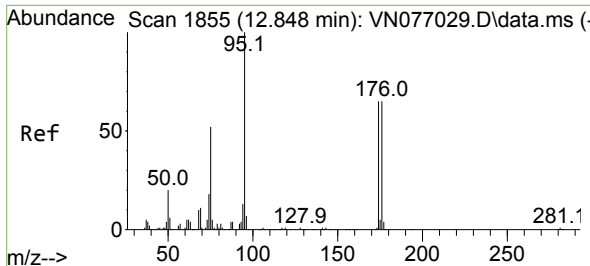
Tgt Ion: 98 Resp: 837247
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.118 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
58 175.7 31.1 46.7#

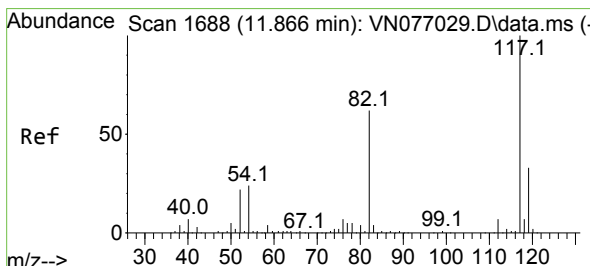
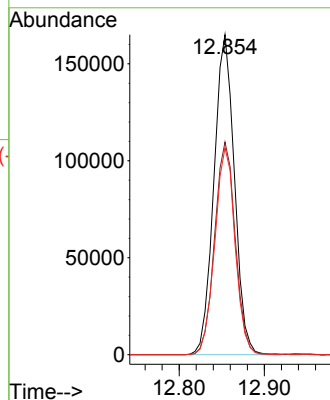
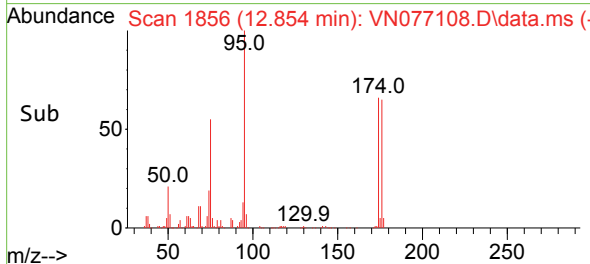
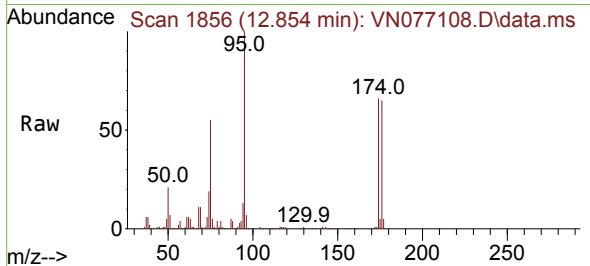




#62
4-Bromofluorobenzene
Concen: 45.545 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

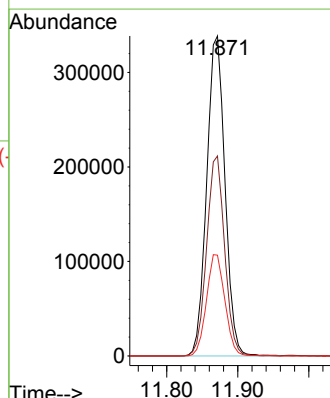
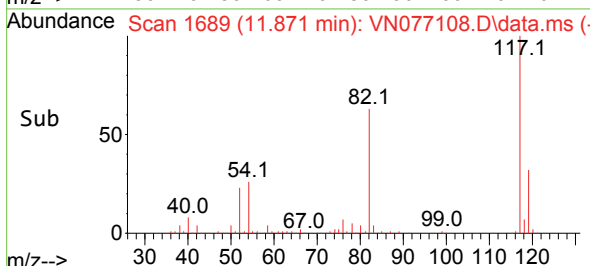
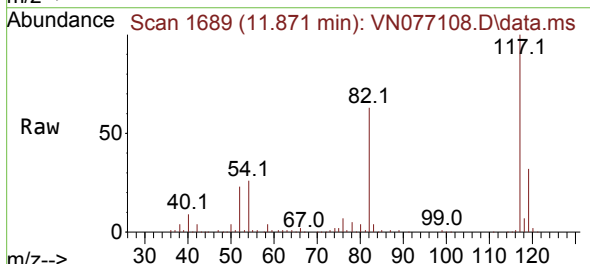
Instrument :
MSVOA_N
ClientSampleId :
CB-10-25.0-030823

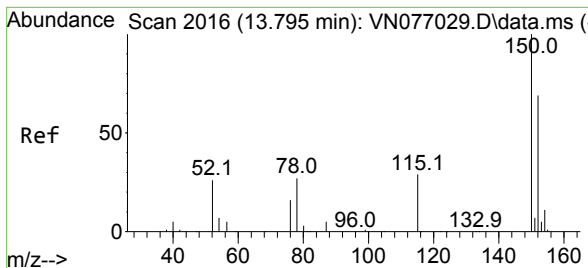
Tgt Ion: 95 Resp: 275955
Ion Ratio Lower Upper
95 100
174 66.9 0.0 136.6
176 63.9 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

Tgt Ion: 117 Resp: 605432
Ion Ratio Lower Upper
117 100
82 62.5 49.4 74.0
119 31.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077108.D

Acq: 22 Mar 2023 15:23

Instrument :

MSVOA_N

ClientSampleId :

CB-10-25.0-030823

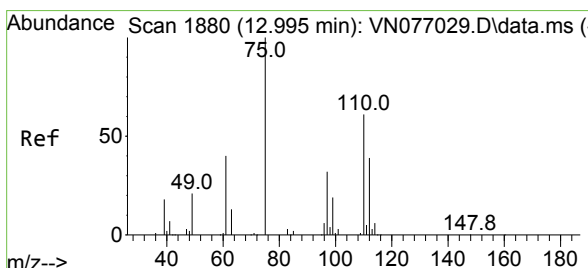
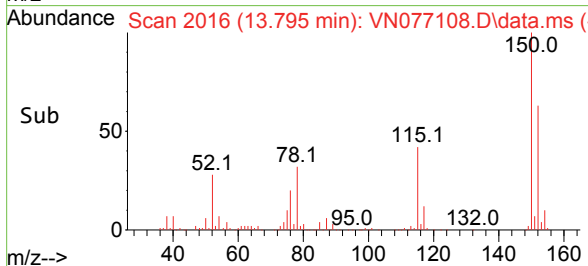
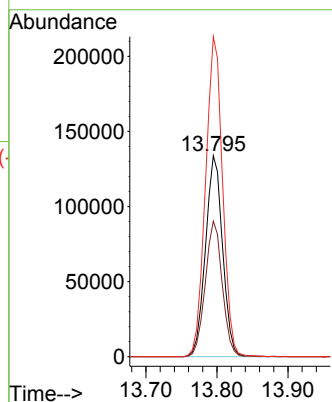
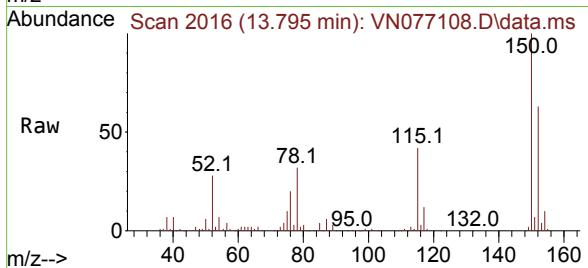
Tgt Ion:152 Resp: 224188

Ion Ratio Lower Upper

152 100

115 66.9 31.9 95.7

150 158.6 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 26.411 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077108.D

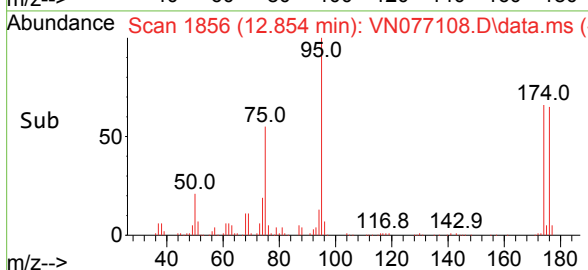
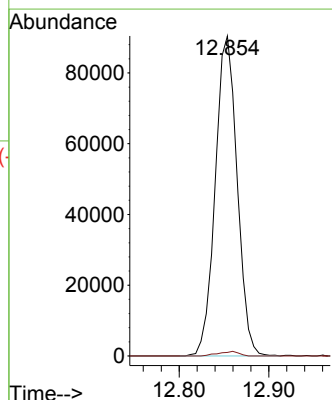
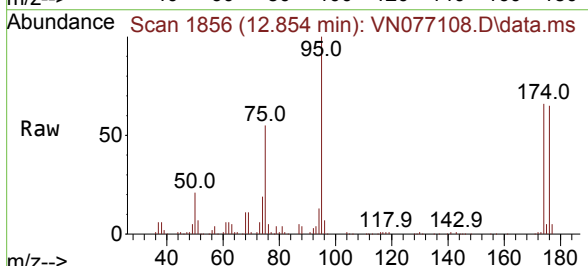
Acq: 22 Mar 2023 15:23

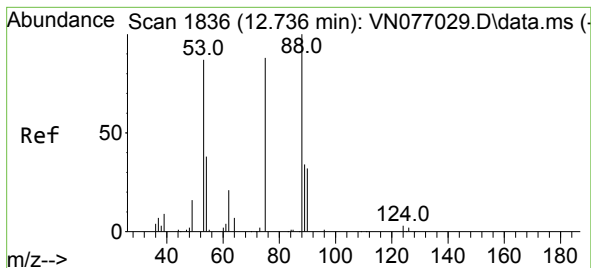
Tgt Ion: 75 Resp: 153153

Ion Ratio Lower Upper

75 100

77 1.3 107.3 322.0#

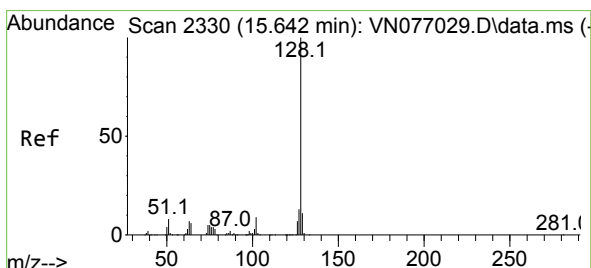
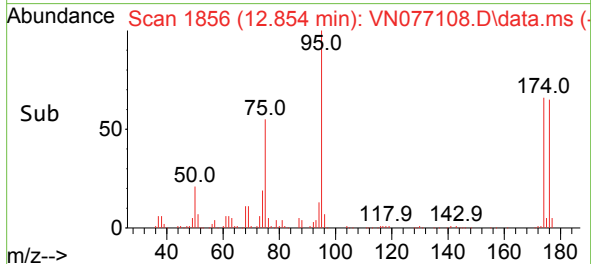
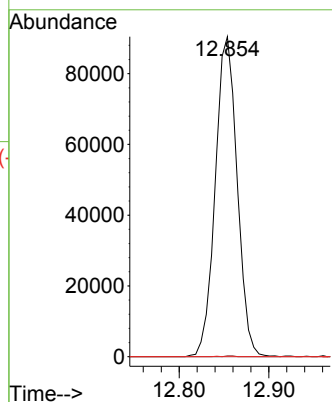
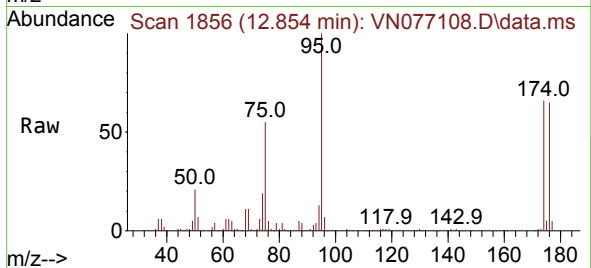




#81
trans-1,4-Dichloro-2-butene
Concen: 72.697 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

Instrument :
MSVOA_N
ClientSampleId :
CB-10-25.0-030823

Tgt Ion: 75 Resp: 153153
Ion Ratio Lower Upper
75 100
53 0.1 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 1.968 ug/l
RT: 15.654 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN077108.D
Acq: 22 Mar 2023 15:23

Tgt Ion: 128 Resp: 862
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.6 13.0#

