

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079804.D
 Acq On : 02 Nov 2023 17:58
 Operator : JC\MD
 Sample : 05225-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 04:04:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	210363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	428646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	439729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193370	60.335	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.660%
35) Dibromofluoromethane	8.171	113	161646	53.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.560%
50) Toluene-d8	10.571	98	564797	50.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.853	95	183171	49.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.900%

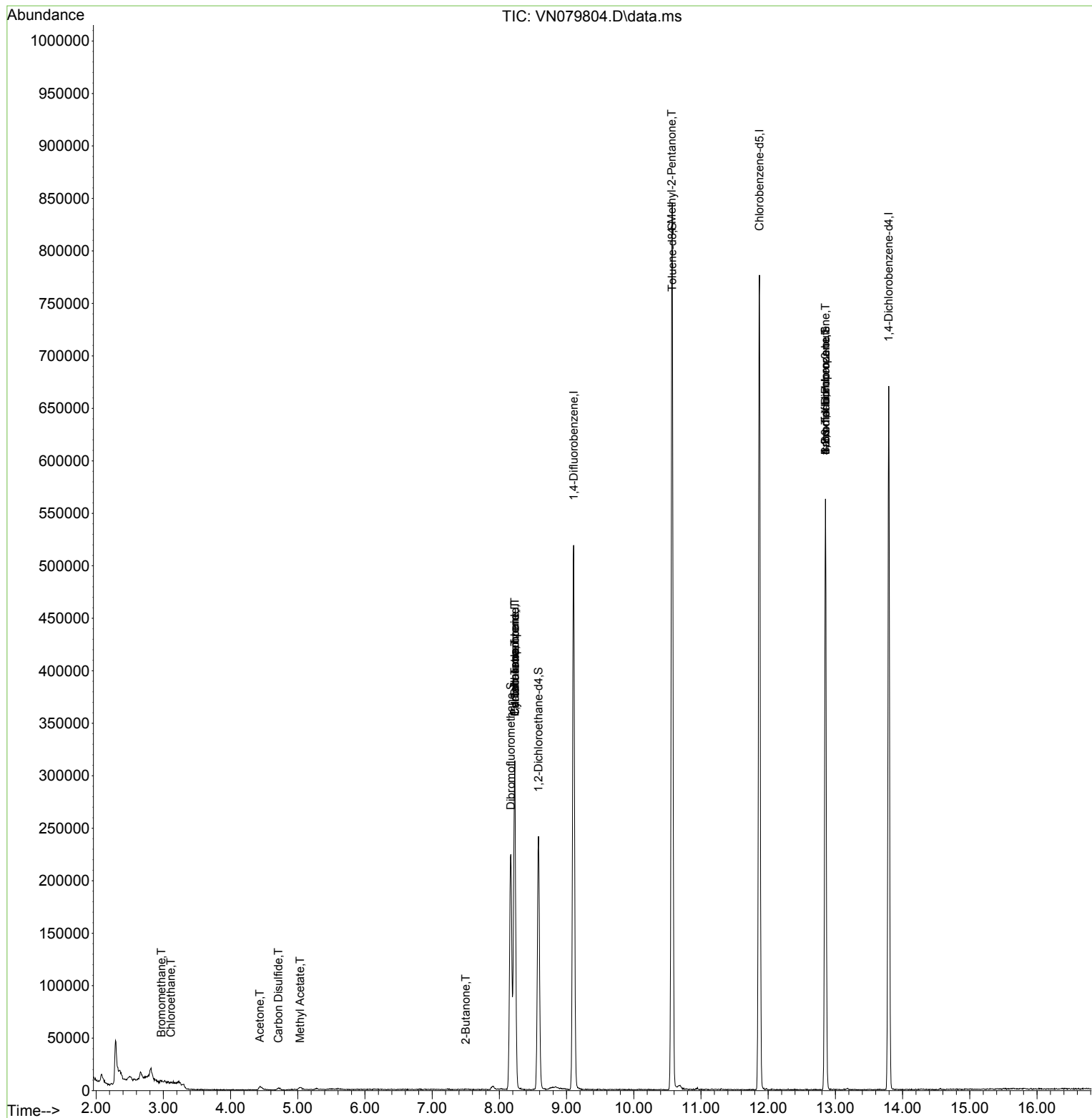
Target Compounds					Qvalue	
5) Bromomethane	2.971	94	474	0.235	ug/l #	4
6) Chloroethane	3.112	64	1114	0.425	ug/l #	85
16) Acetone	4.436	43	6527	5.798	ug/l #	80
17) Carbon Disulfide	4.712	76	2923	0.448	ug/l #	75
18) Methyl Acetate	5.036	43	4760	0.884	ug/l #	64
25) 2-Butanone	7.500	43	549	0.333	ug/l #	37
31) Cyclohexane	8.230	56	5649	1.334	ug/l #	12
36) 1,1-Dichloropropene	8.230	75	20562	4.747	ug/l #	49
38) Carbon Tetrachloride	8.230	117	23203	5.315	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	2730	0.696	ug/l #	1
71) Bromoform	12.853	173	1890	0.774	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	101251	25.959	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101251	70.629	ug/l #	15

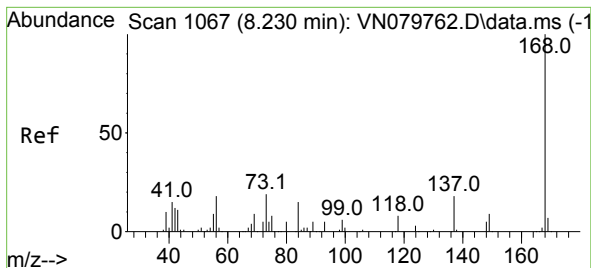
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

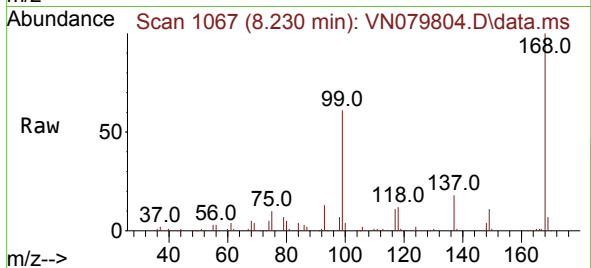
Lab File: VN079804.D

Acq: 02 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :

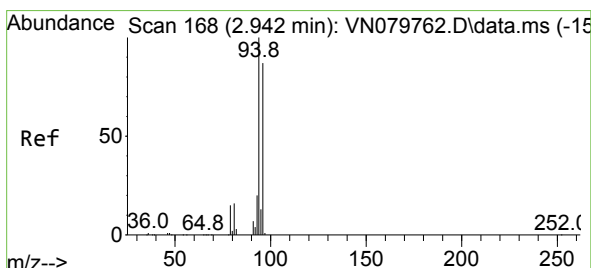
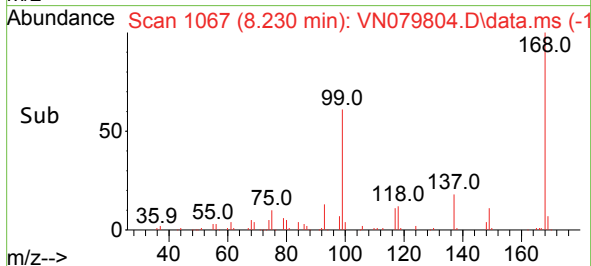
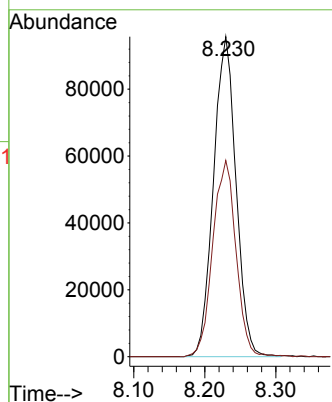


Tgt Ion:168 Resp: 210363

Ion Ratio Lower Upper

168 100

99 61.3 53.0 79.6



#5

Bromomethane

Concen: 0.235 ug/l

RT: 2.971 min Scan# 173

Delta R.T. 0.018 min

Lab File: VN079804.D

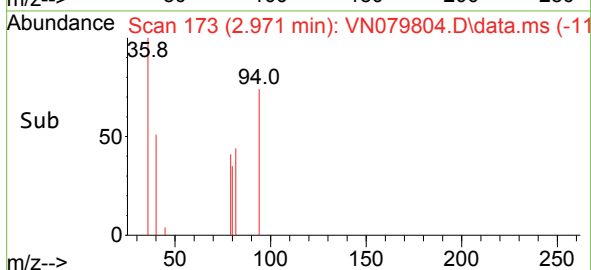
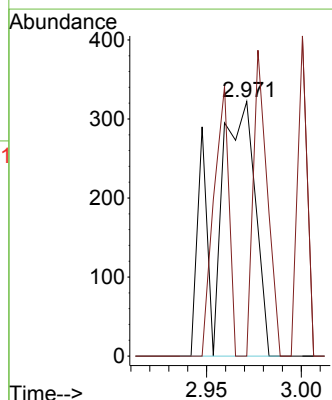
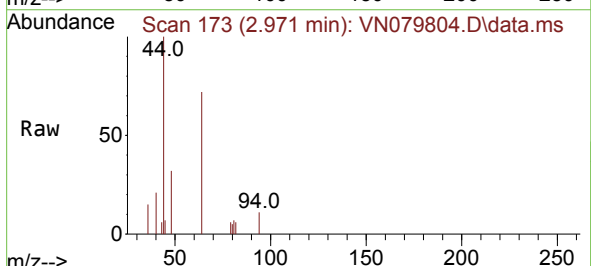
Acq: 02 Nov 2023 17:58

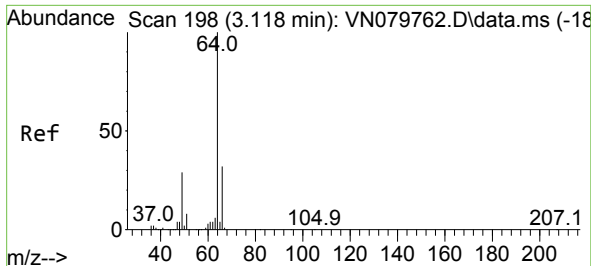
Tgt Ion: 94 Resp: 474

Ion Ratio Lower Upper

94 100

96 0.0 73.1 109.7#

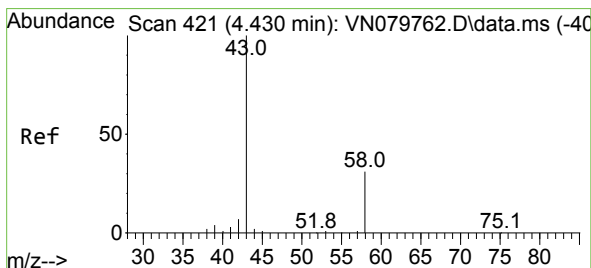
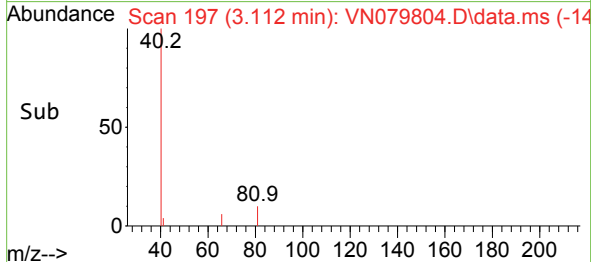
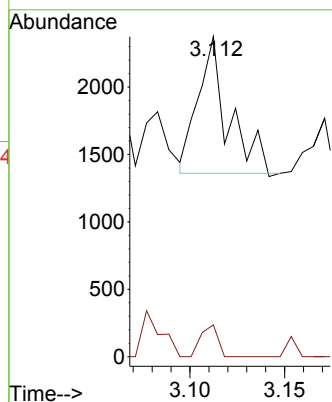
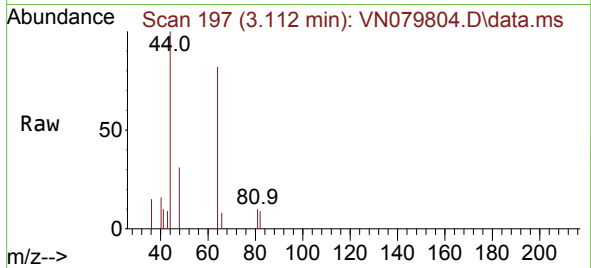




#6
Chloroethane
Concen: 0.425 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

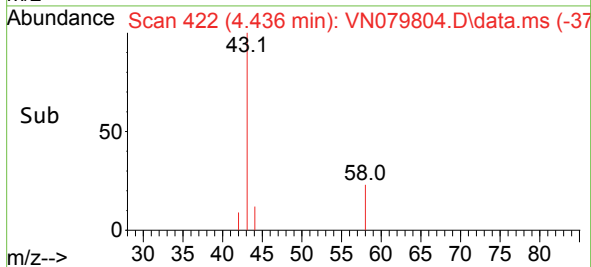
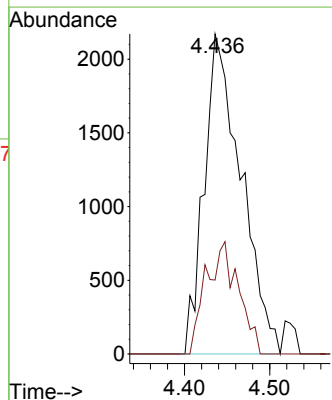
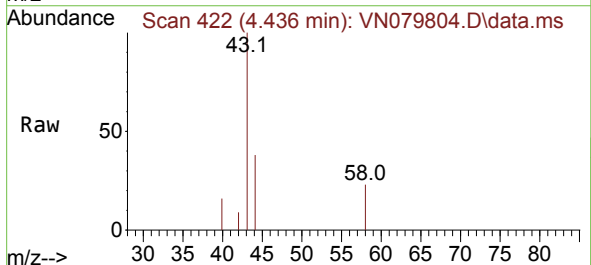
Instrument :
MSVOA_N
ClientSampleId :

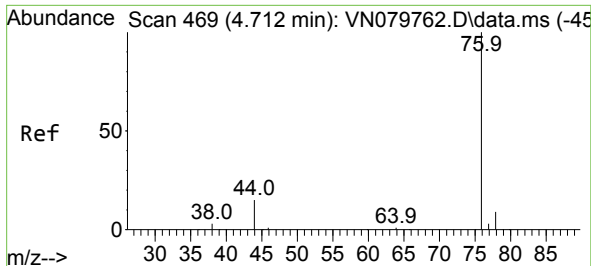
Tgt Ion: 64 Resp: 1114
Ion Ratio Lower Upper
64 100
66 23.4 25.4 38.2#



#16
Acetone
Concen: 5.798 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

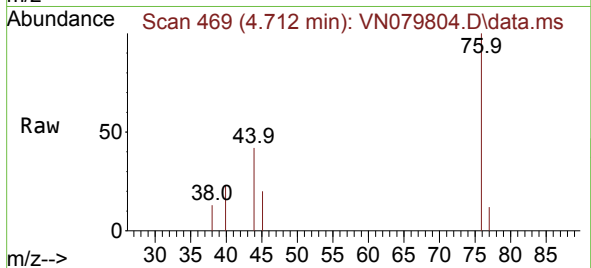
Tgt Ion: 43 Resp: 6527
Ion Ratio Lower Upper
43 100
58 23.1 28.0 42.0#



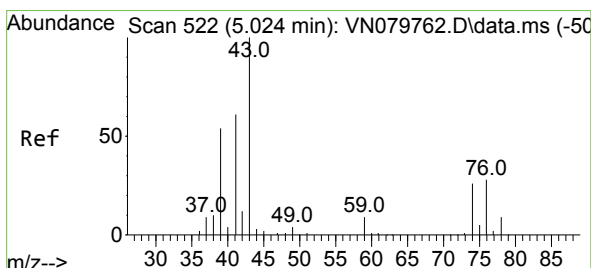
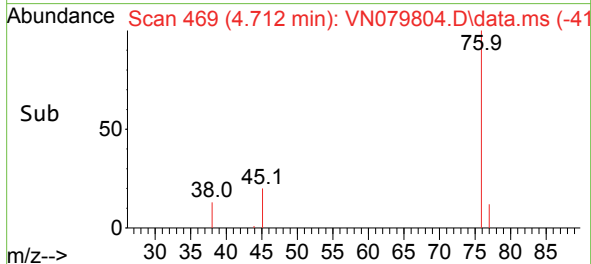
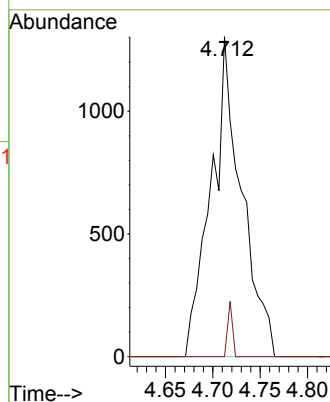


#17
Carbon Disulfide
Concen: 0.448 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

Instrument :
MSVOA_N
ClientSampleId :

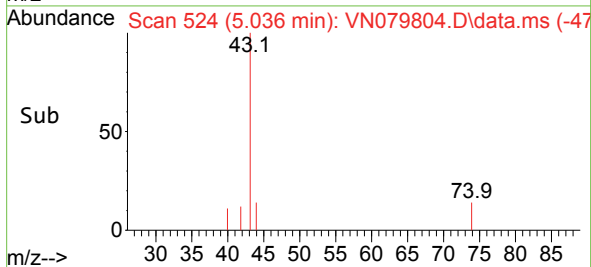
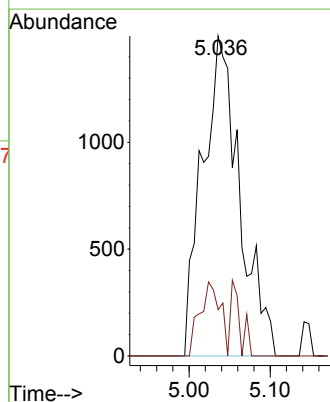
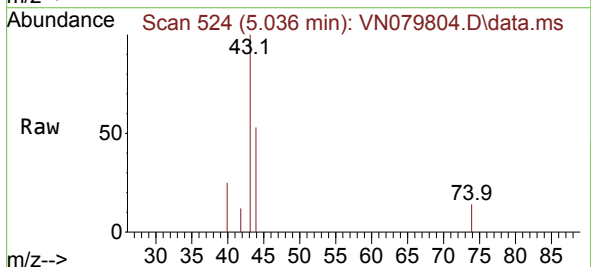


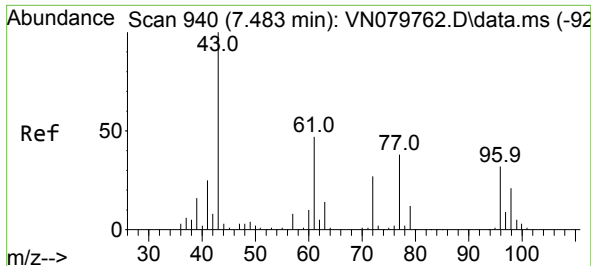
Tgt Ion: 76 Resp: 2923
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.884 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

Tgt Ion: 43 Resp: 4760
Ion Ratio Lower Upper
43 100
74 12.7 26.2 39.4#

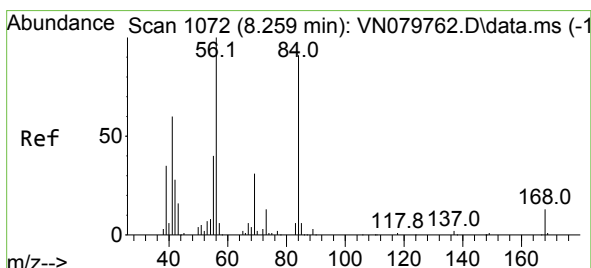
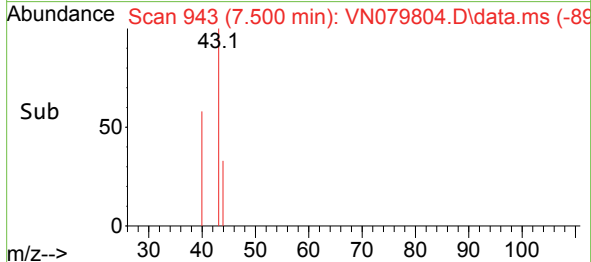
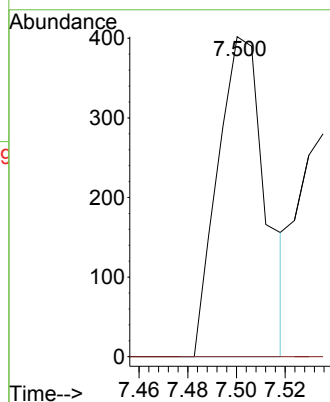
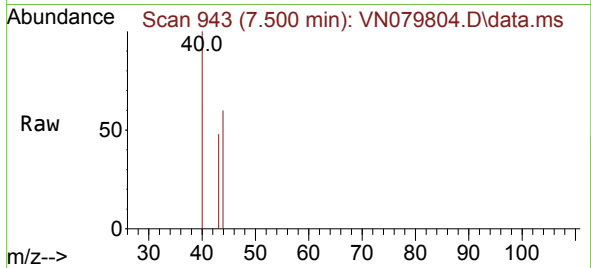




#25
2-Butanone
Concen: 0.333 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

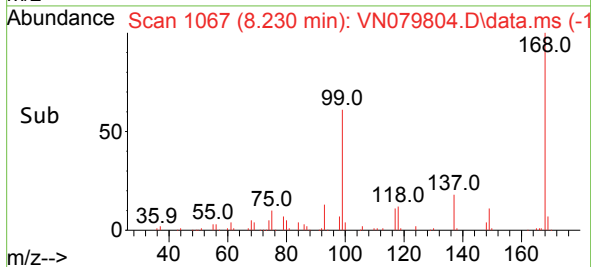
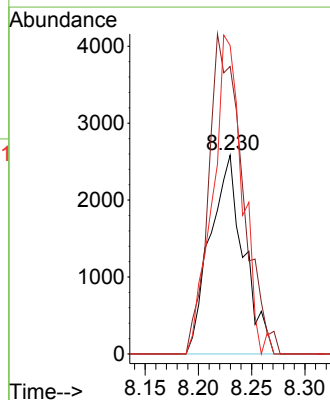
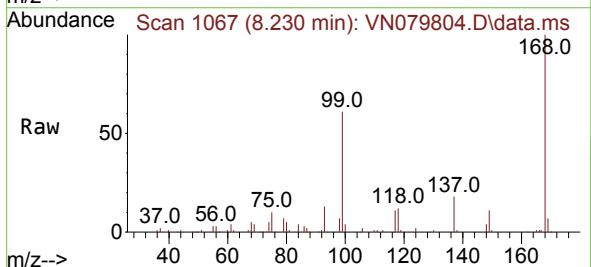
Instrument :
MSVOA_N
ClientSampleId :

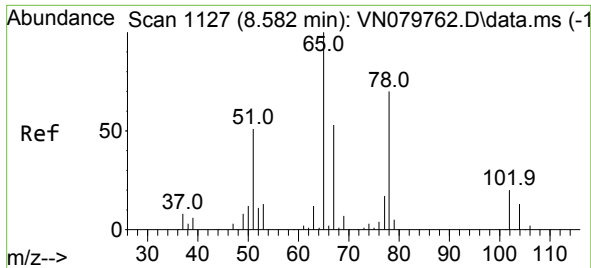
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

Tgt Ion: 56 Resp: 5649
Ion Ratio Lower Upper
56 100
69 144.7 26.8 40.2#
84 155.2 81.8 122.6#

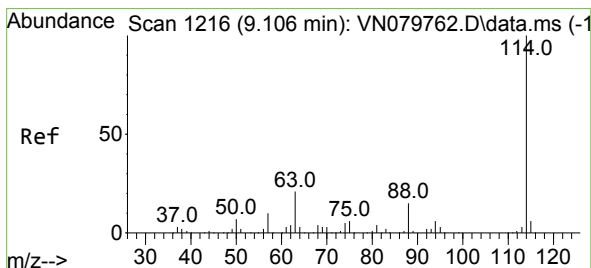
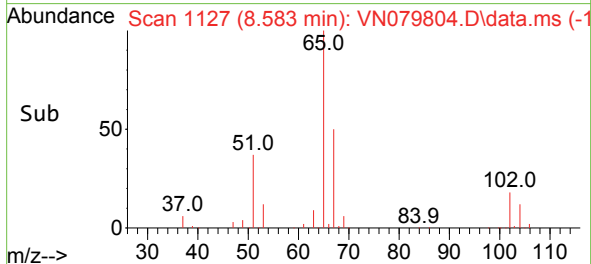
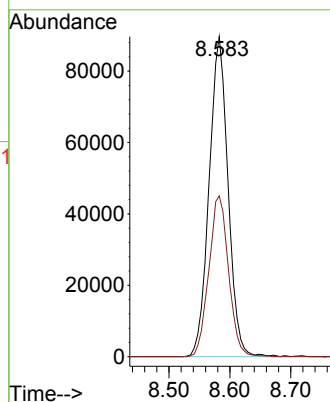
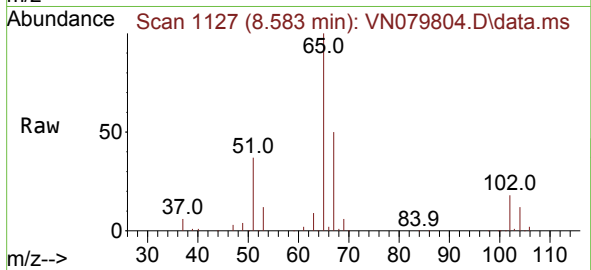




#33
 1,2-Dichloroethane-d4
 Concen: 60.335 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079804.D
 Acq: 02 Nov 2023 17:58

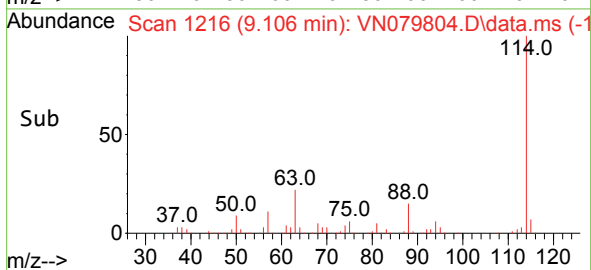
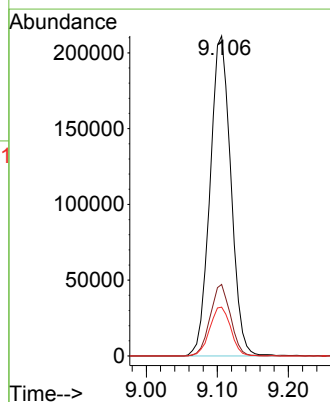
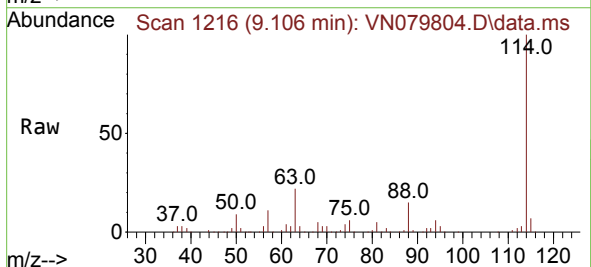
Instrument :
 MSVOA_N
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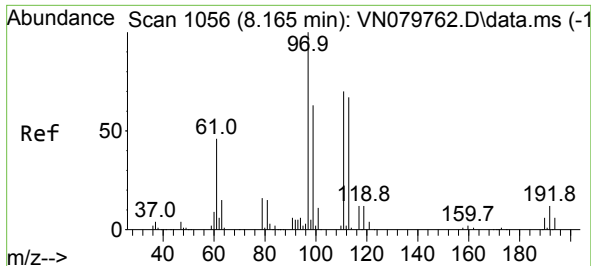
Tgt Ion: 65 Resp: 193370
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079804.D
 Acq: 02 Nov 2023 17:58

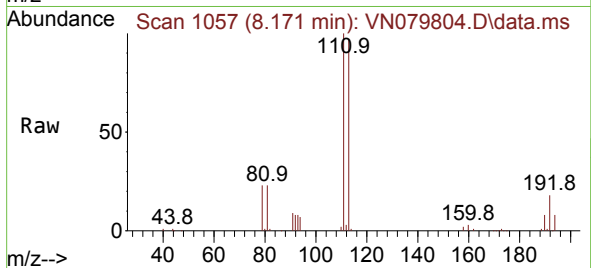
Tgt Ion: 114 Resp: 428646
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 36.4
 88 15.2 0.0 30.6



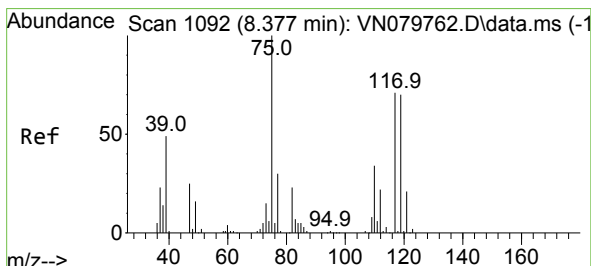
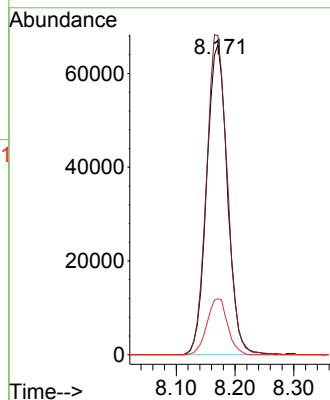
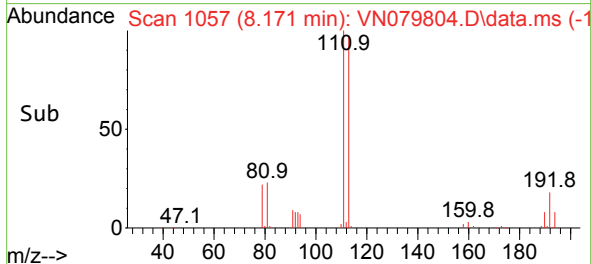


#35
Dibromofluoromethane
Concen: 53.282 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

Instrument :
MSVOA_N
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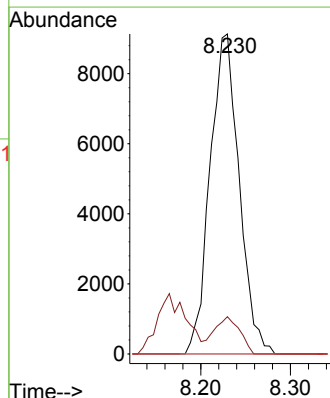
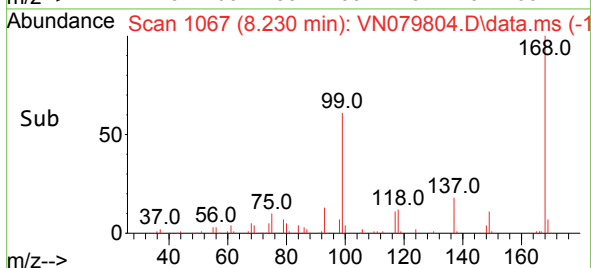
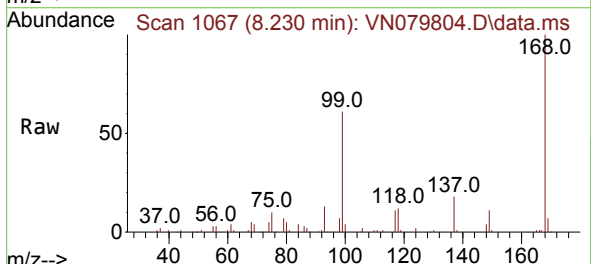


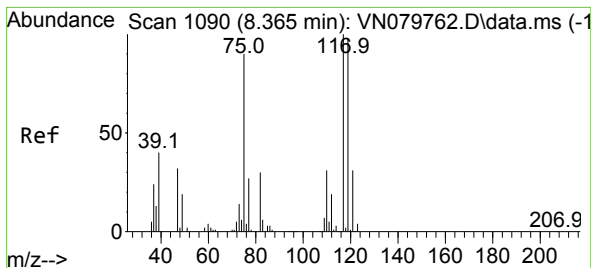
Tgt Ion:113 Resp: 161646
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 18.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.747 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

Tgt Ion: 75 Resp: 20562
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.315 ug/l

RT: 8.230 min Scan# 117

Delta R.T. -0.129 min

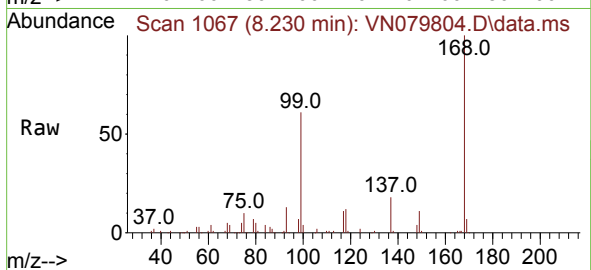
Lab File: VN079804.D

Acq: 02 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :



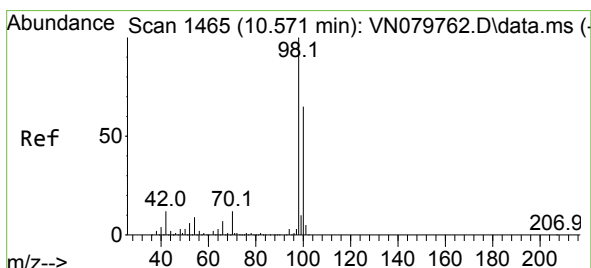
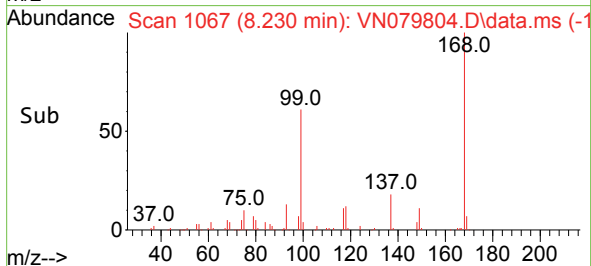
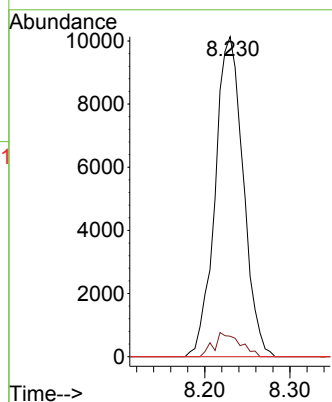
Tgt Ion:117 Resp: 23203

Ion Ratio Lower Upper

117 100

119 6.4 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 50.571 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079804.D

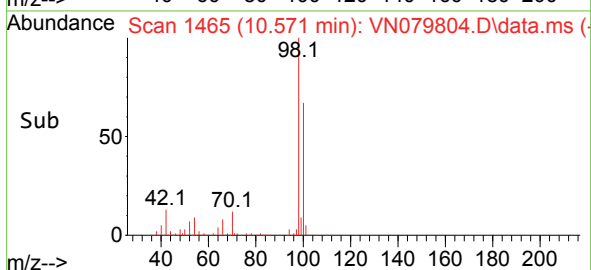
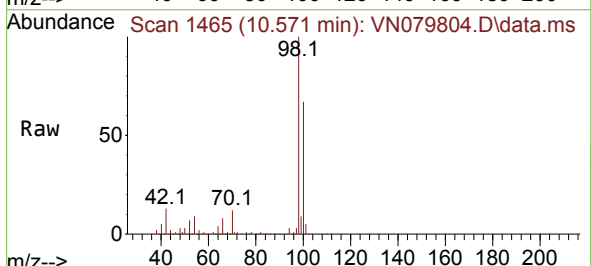
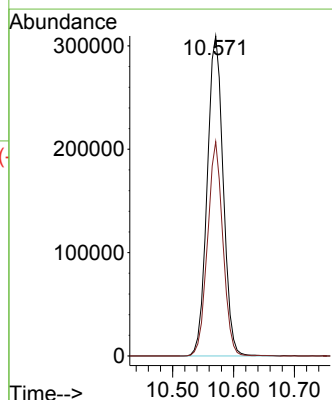
Acq: 02 Nov 2023 17:58

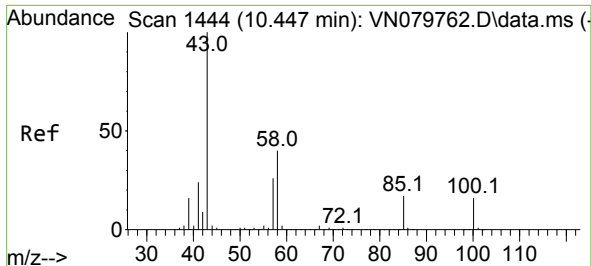
Tgt Ion: 98 Resp: 564797

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

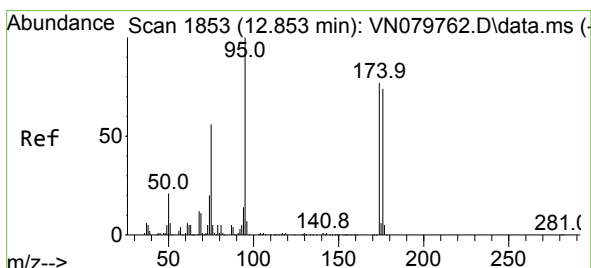
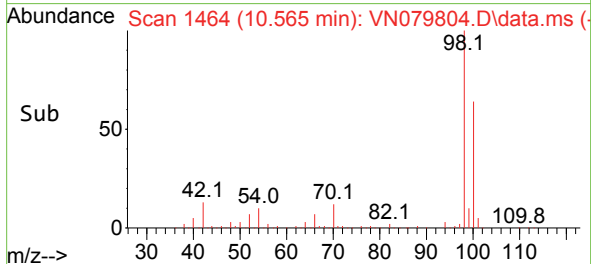
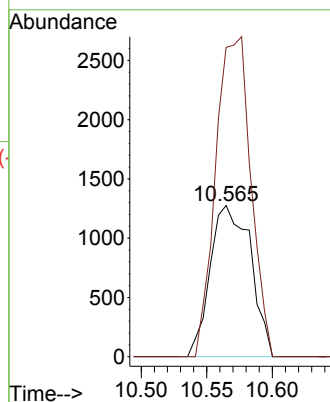
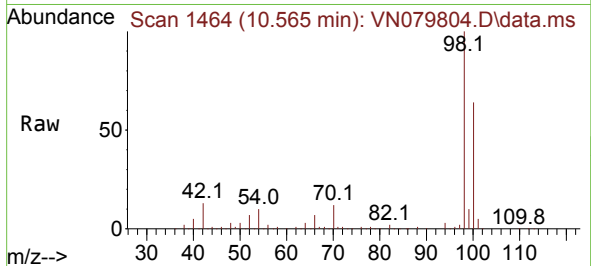




#51
4-Methyl-2-Pentanone
Concen: 0.696 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

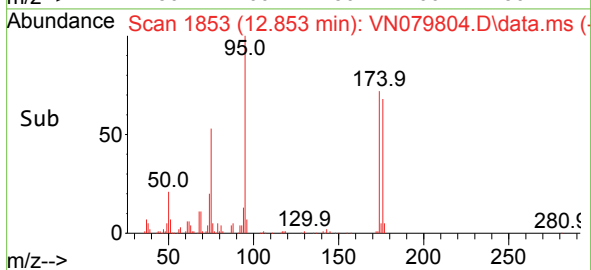
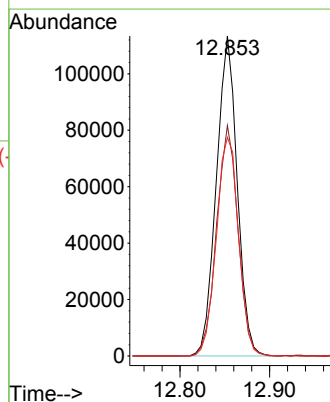
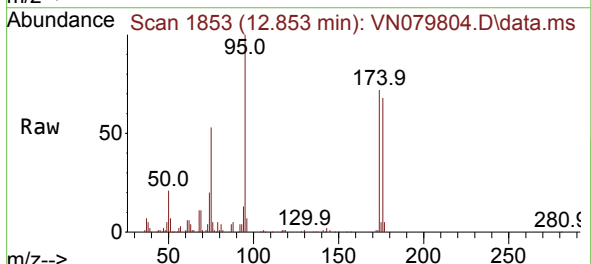
Instrument :
MSVOA_N
ClientSampleId :

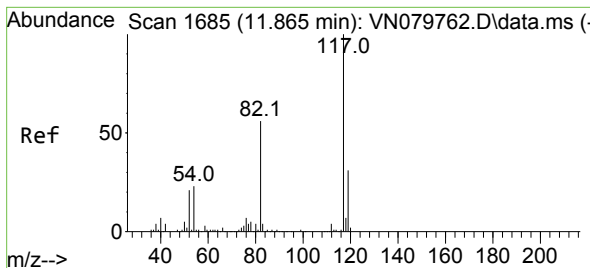
Tgt Ion: 43 Resp: 2730
Ion Ratio Lower Upper
43 100
58 184.3 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 49.452 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079804.D
Acq: 02 Nov 2023 17:58

Tgt Ion: 95 Resp: 183171
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 72.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

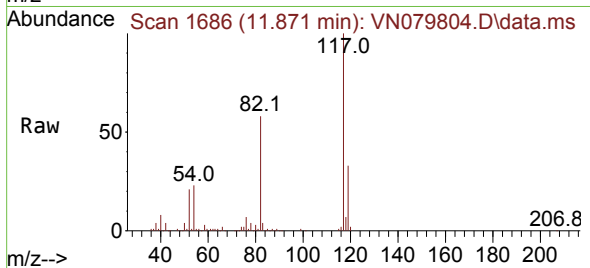
Lab File: VN079804.D

Acq: 02 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :



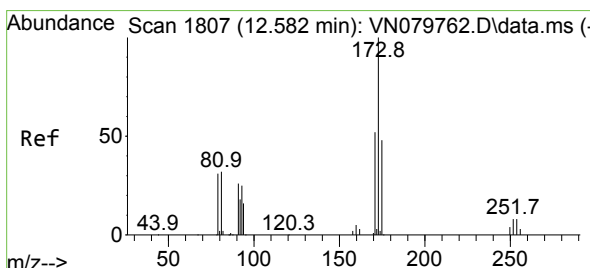
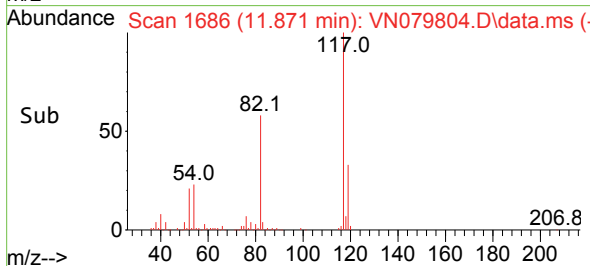
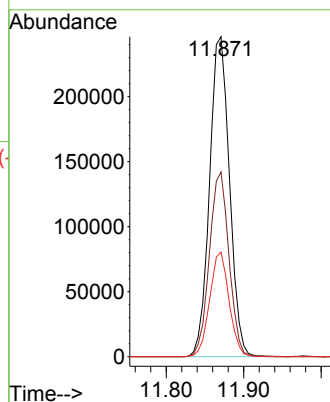
Tgt Ion:117 Resp: 439729

Ion Ratio Lower Upper

117 100

82 57.8 44.0 66.0

119 32.7 25.6 38.4



#71

Bromoform

Concen: 0.774 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN079804.D

Acq: 02 Nov 2023 17:58

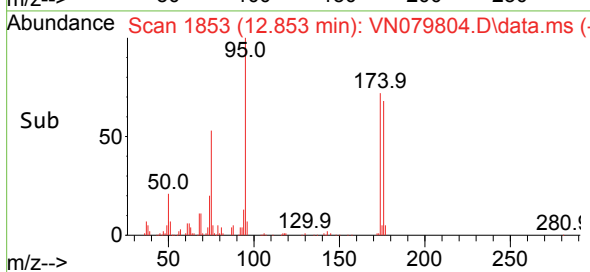
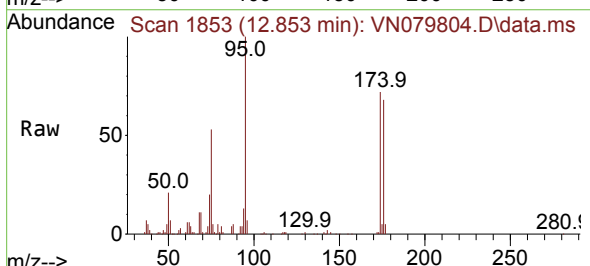
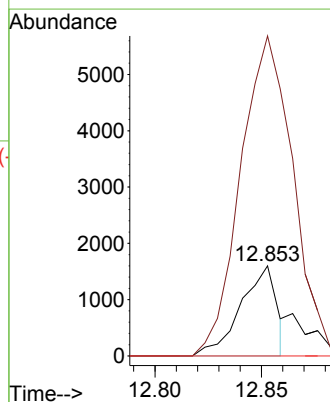
Tgt Ion:173 Resp: 1890

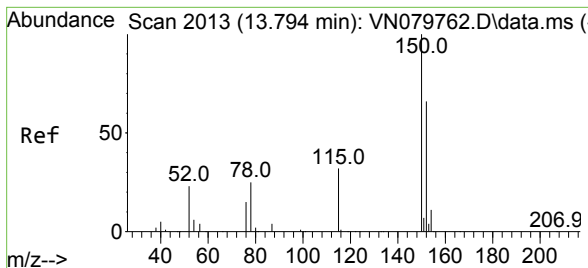
Ion Ratio Lower Upper

173 100

175 404.0 24.3 73.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

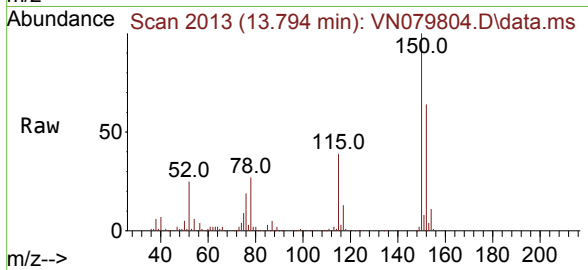
Lab File: VN079804.D

Acq: 02 Nov 2023 17:58

Instrument :

MSVOA_N

ClientSampleId :



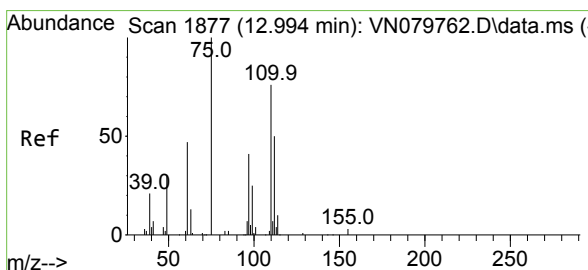
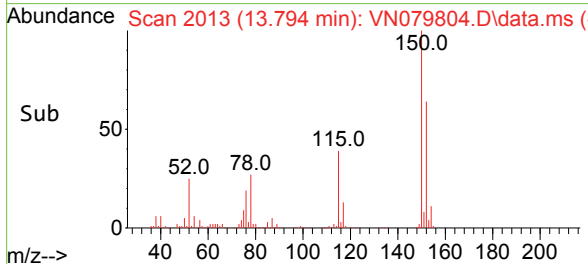
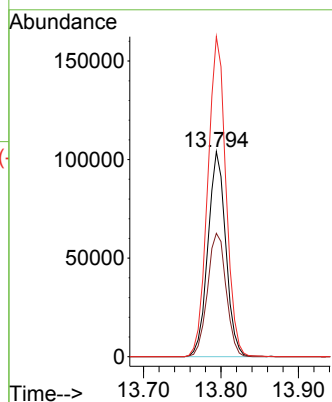
Tgt Ion:152 Resp: 166135

Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 158.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.959 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079804.D

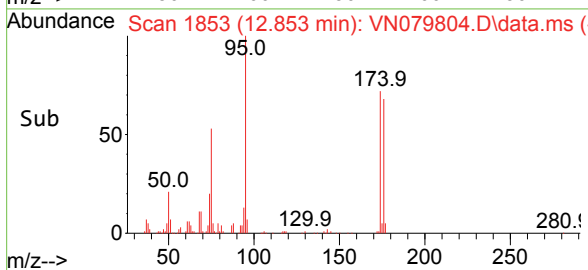
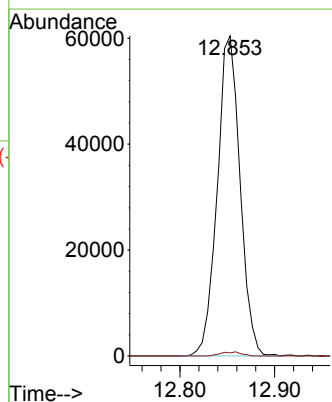
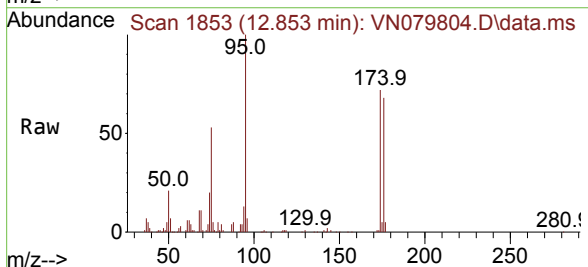
Acq: 02 Nov 2023 17:58

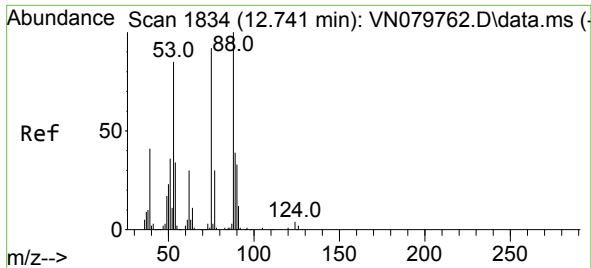
Tgt Ion: 75 Resp: 101251

Ion Ratio Lower Upper

75 100

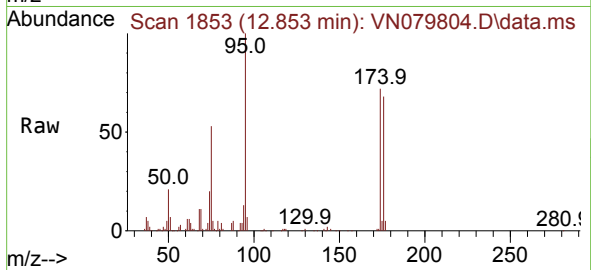
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.629 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079804.D
 Acq: 02 Nov 2023 17:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 101251
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

