

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079848.D
 Acq On : 03 Nov 2023 14:52
 Operator : JC\MD
 Sample : 05225-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 00:53:00 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	241731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	480530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	494117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202330	54.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.880%
35) Dibromofluoromethane	8.171	113	168143	49.439	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.880%
50) Toluene-d8	10.571	98	580834	46.391	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.853	95	192692	46.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%

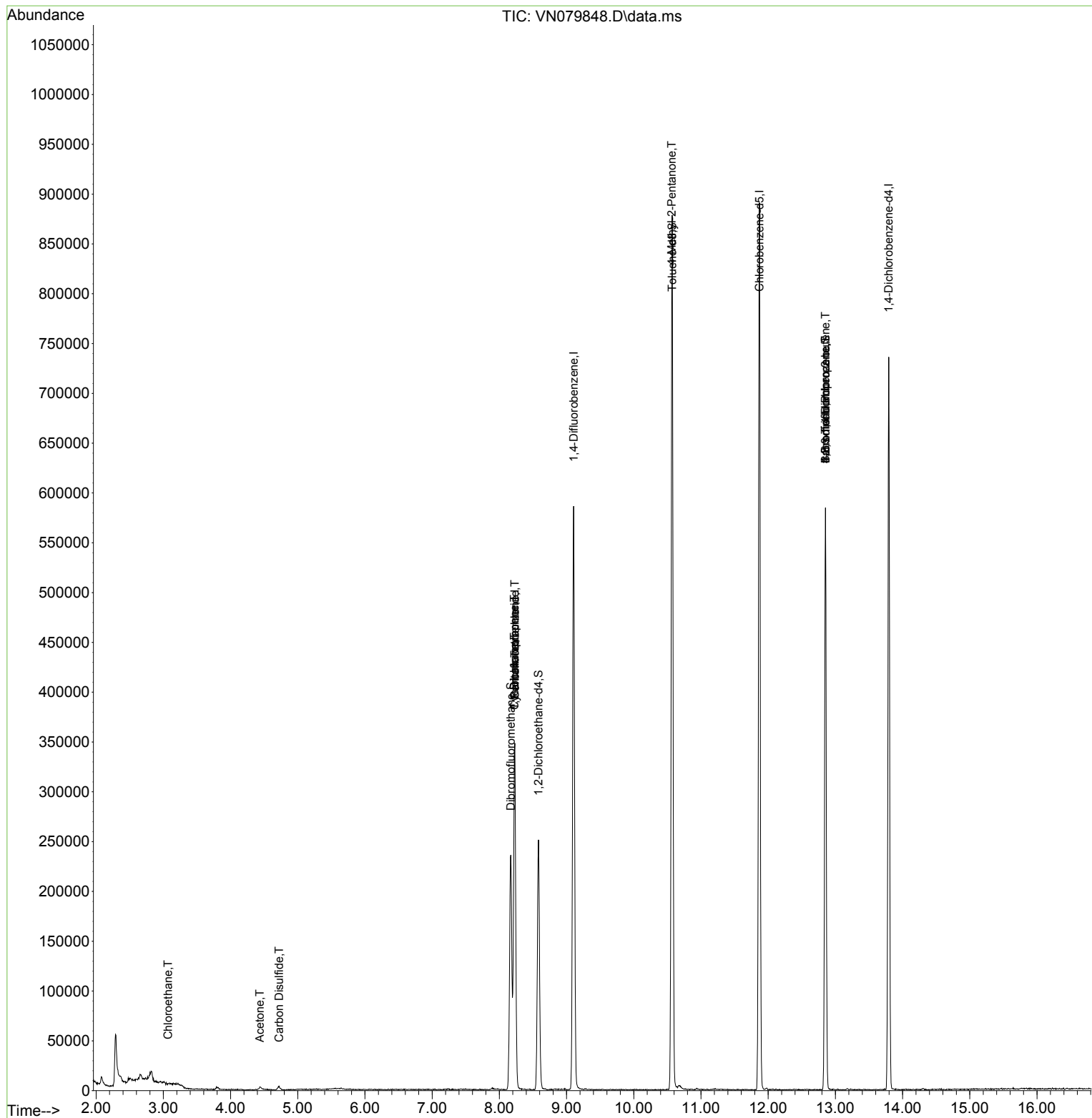
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.359	50	2017	Below Cal		97
6) Chloroethane	3.071	64	862	0.286	ug/l #	43
16) Acetone	4.436	43	5252	4.060	ug/l #	82
17) Carbon Disulfide	4.724	76	4196	0.559	ug/l #	88
31) Cyclohexane	8.224	56	6519	1.340	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	21768	4.483	ug/l #	48
38) Carbon Tetrachloride	8.230	117	26910	5.499	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	2945	0.670	ug/l #	1
71) Bromoform	12.853	173	1999	0.729	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105072	24.139	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105072	65.676	ug/l #	15

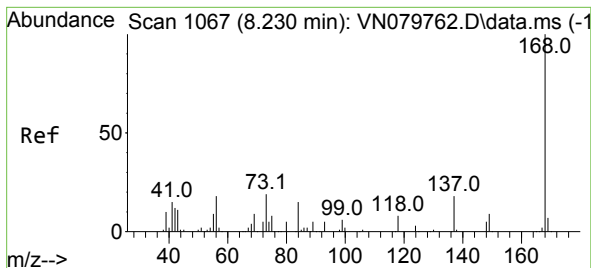
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

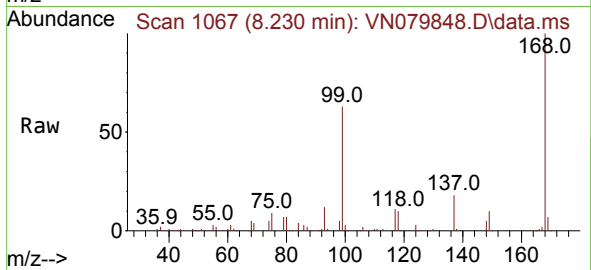
Lab File: VN079848.D

Acq: 03 Nov 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :

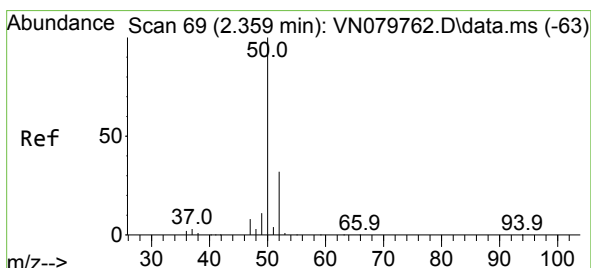
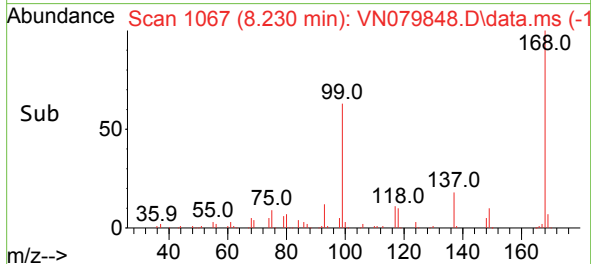
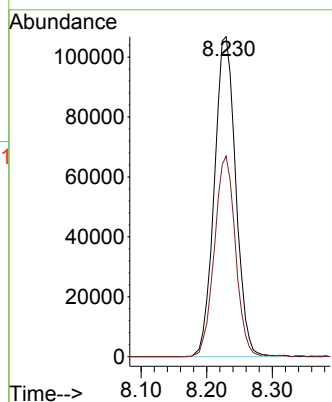


Tgt Ion:168 Resp: 241731

Ion Ratio Lower Upper

168 100

99 62.7 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079848.D

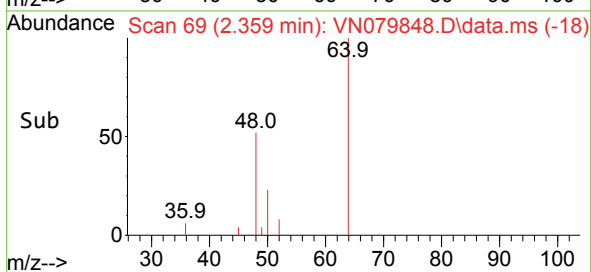
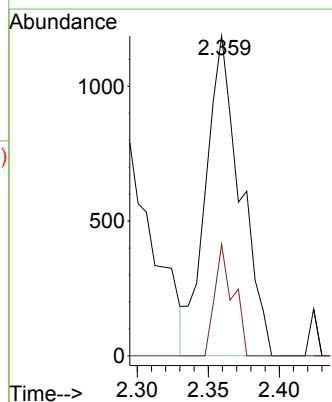
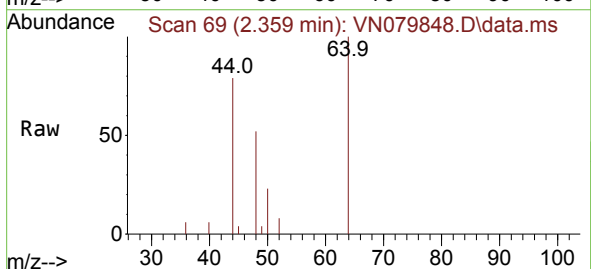
Acq: 03 Nov 2023 14:52

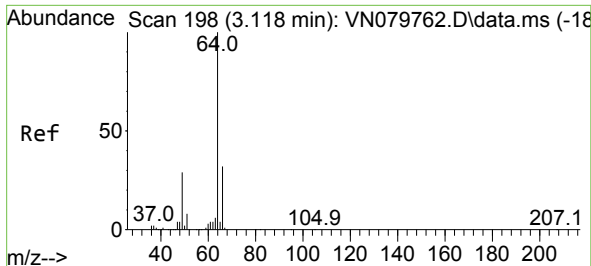
Tgt Ion: 50 Resp: 2017

Ion Ratio Lower Upper

50 100

52 34.9 26.5 39.7

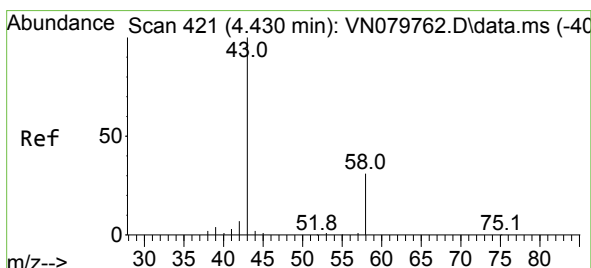
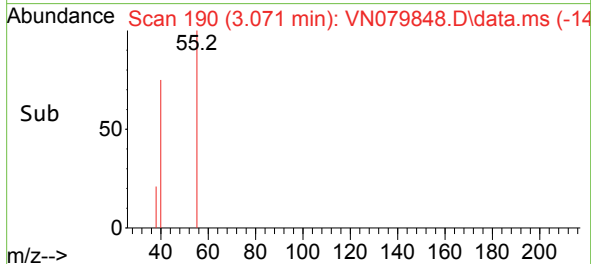
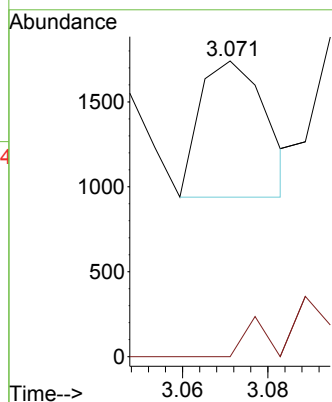
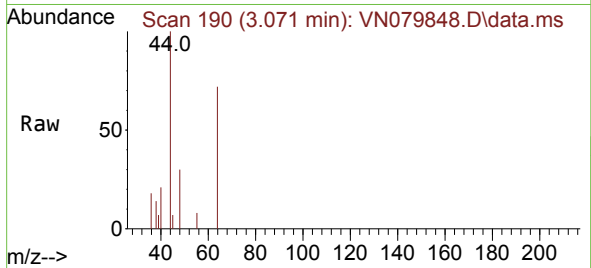




#6
Chloroethane
Concen: 0.286 ug/l
RT: 3.071 min Scan# 198
Delta R.T. -0.047 min
Lab File: VN079848.D
Acq: 03 Nov 2023 14:52

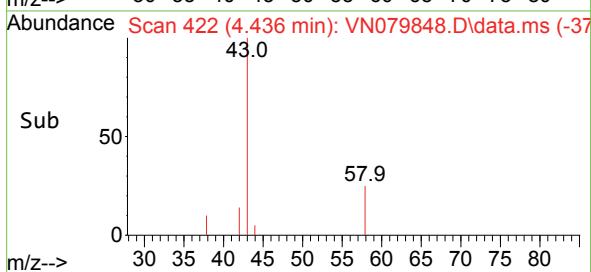
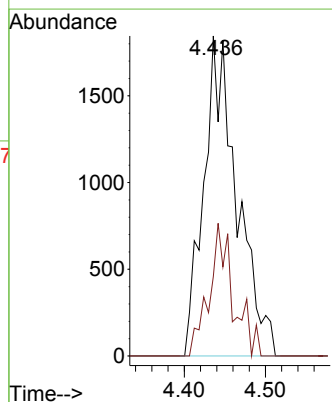
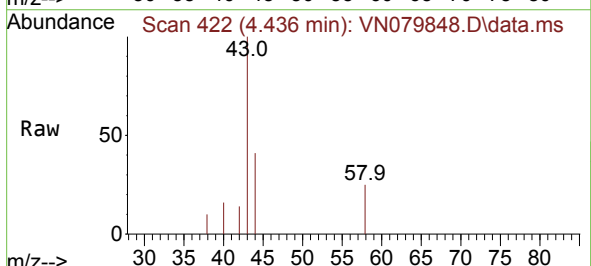
Instrument :
MSVOA_N
ClientSampleId :

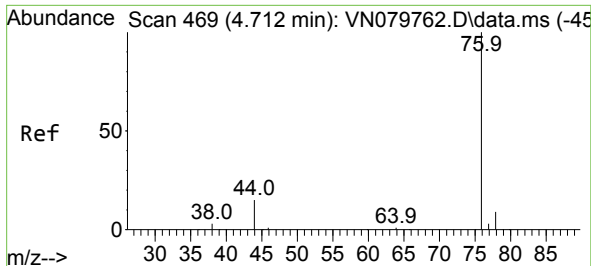
Tgt Ion: 64 Resp: 862
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 4.060 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079848.D
Acq: 03 Nov 2023 14:52

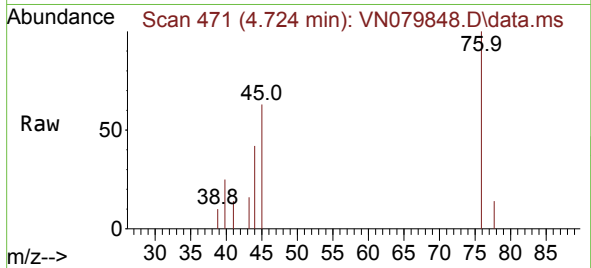
Tgt Ion: 43 Resp: 5252
Ion Ratio Lower Upper
43 100
58 24.8 28.0 42.0#



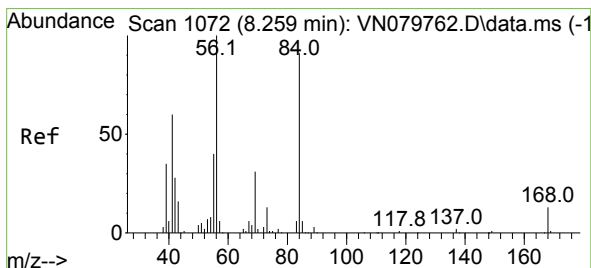
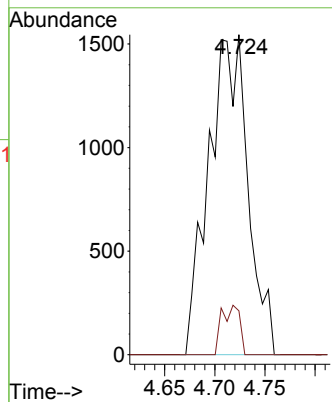
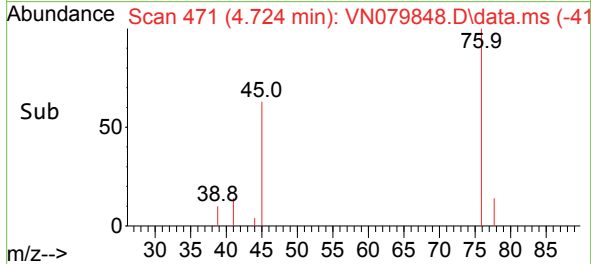


#17
Carbon Disulfide
Concen: 0.559 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN079848.D
Acq: 03 Nov 2023 14:52

Instrument :
MSVOA_N
ClientSampleId :

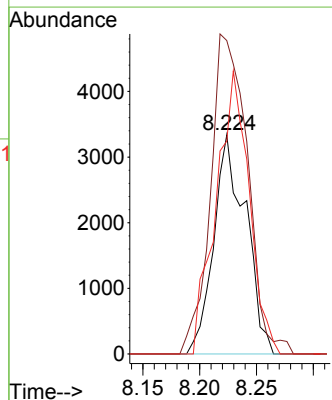
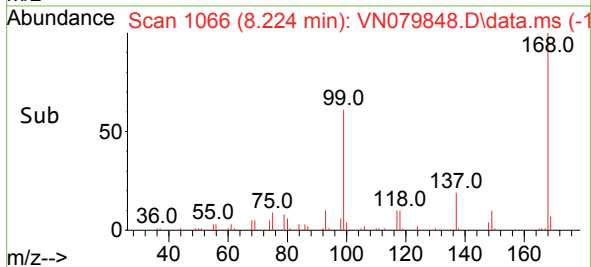
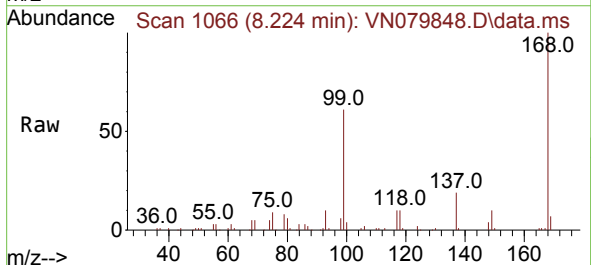


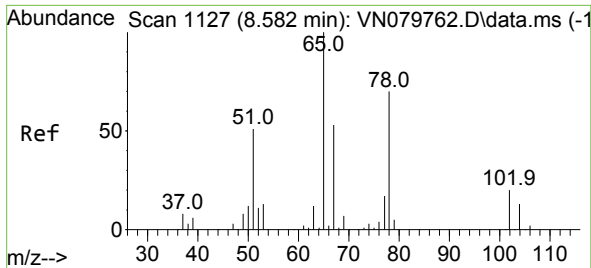
Tgt Ion: 76 Resp: 4196
Ion Ratio Lower Upper
76 100
78 13.7 7.4 11.0#



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079848.D
Acq: 03 Nov 2023 14:52

Tgt Ion: 56 Resp: 6519
Ion Ratio Lower Upper
56 100
69 143.1 26.8 40.2#
84 97.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 54.938 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079848.D

Acq: 03 Nov 2023 14:52

Instrument :

MSVOA_N

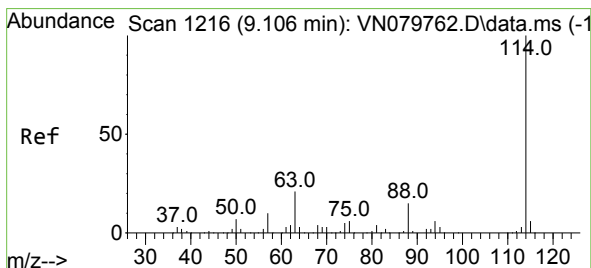
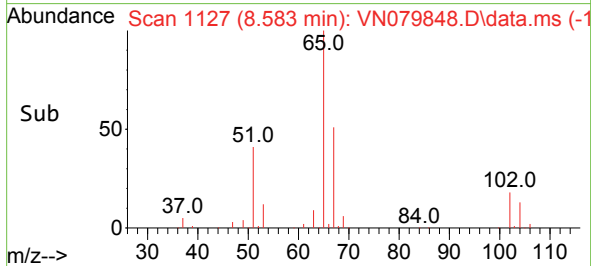
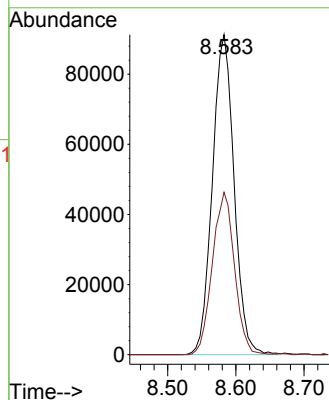
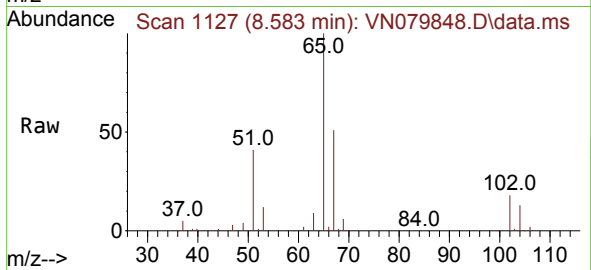
ClientSampleId :

Tgt Ion: 65 Resp: 202330

Ion Ratio Lower Upper

65 100

67 51.8 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: VN079848.D

Acq: 03 Nov 2023 14:52

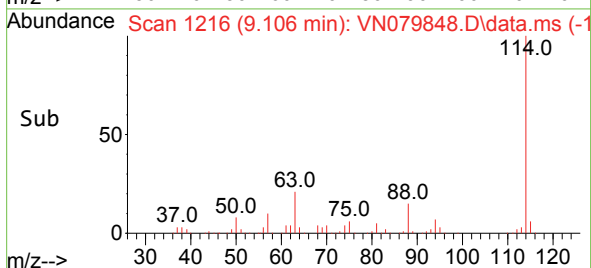
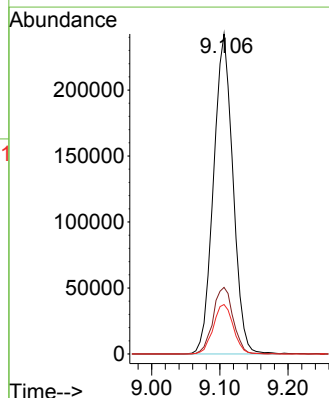
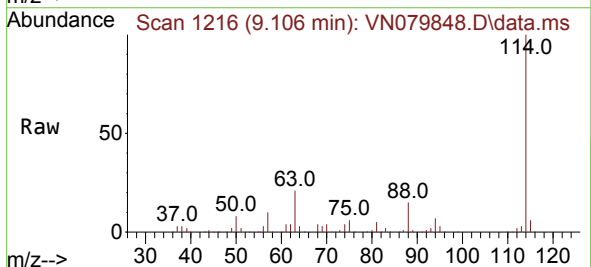
Tgt Ion: 114 Resp: 480530

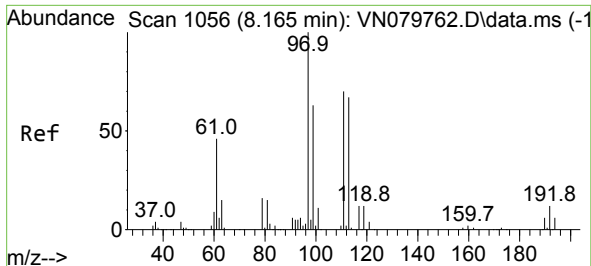
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.439 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

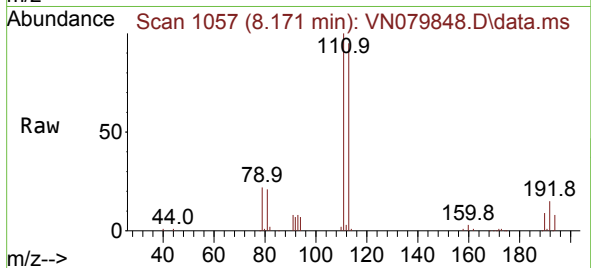
Lab File: VN079848.D

Acq: 03 Nov 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :



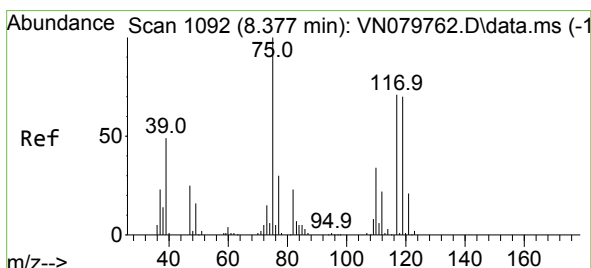
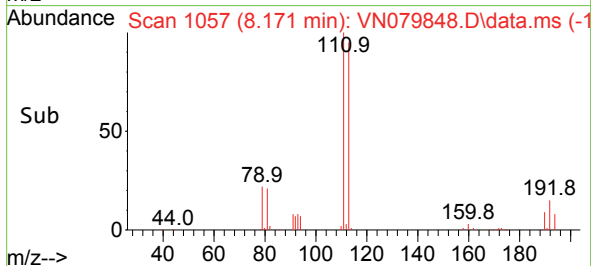
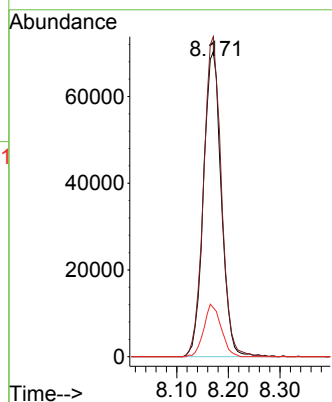
Tgt Ion:113 Resp: 168143

Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 16.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.483 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079848.D

Acq: 03 Nov 2023 14:52

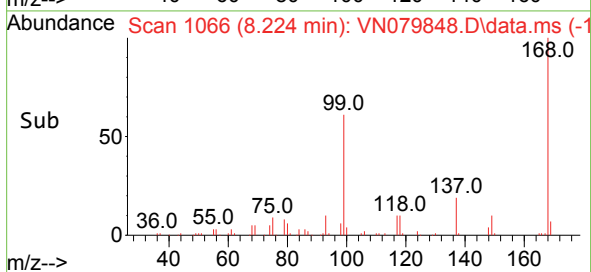
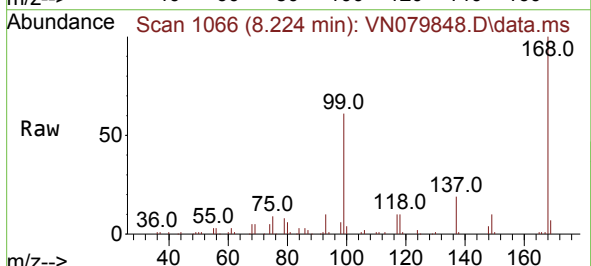
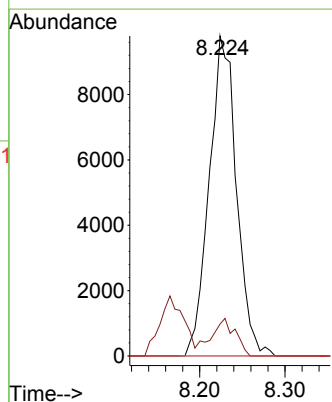
Tgt Ion: 75 Resp: 21768

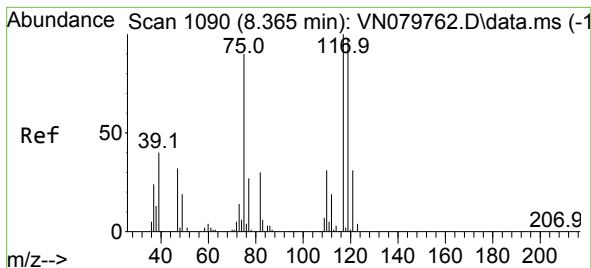
Ion Ratio Lower Upper

75 100

110 9.0 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.499 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

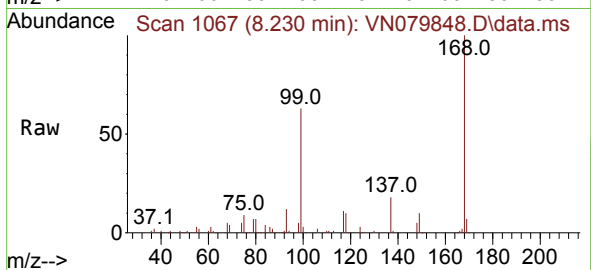
Lab File: VN079848.D

Acq: 03 Nov 2023 14:52

Instrument :

MSVOA_N

ClientSampleId :



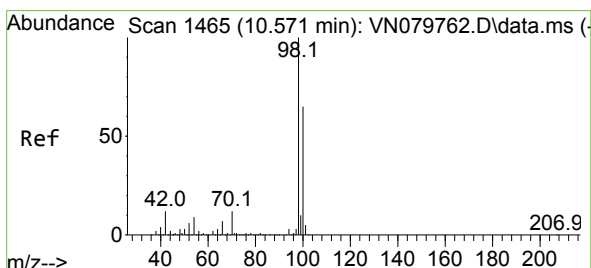
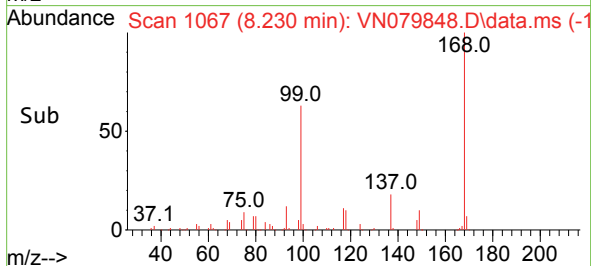
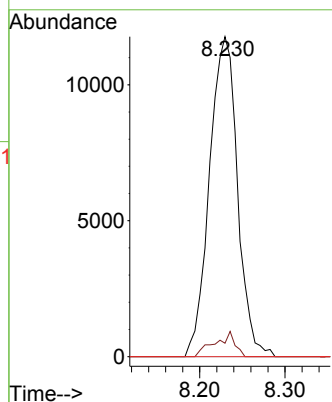
Tgt Ion:117 Resp: 26910

Ion Ratio Lower Upper

117 100

119 4.2 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 46.391 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079848.D

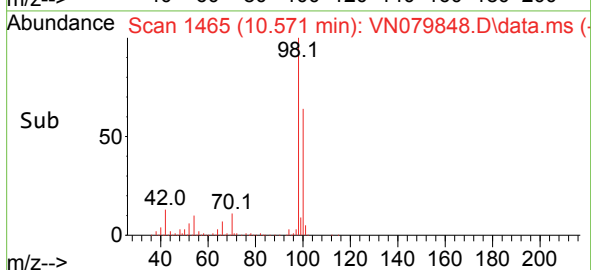
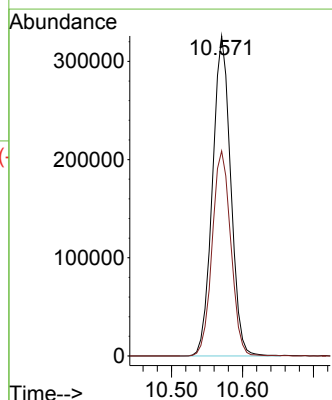
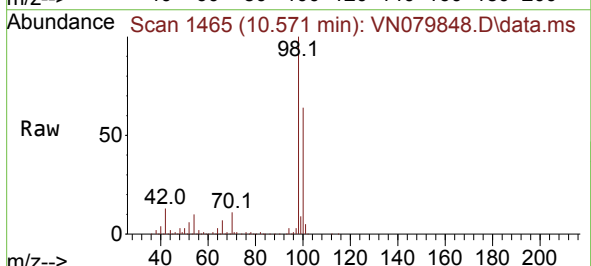
Acq: 03 Nov 2023 14:52

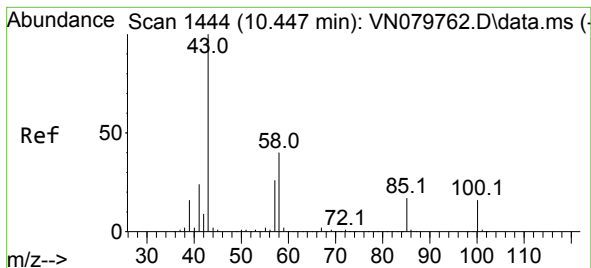
Tgt Ion: 98 Resp: 580834

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

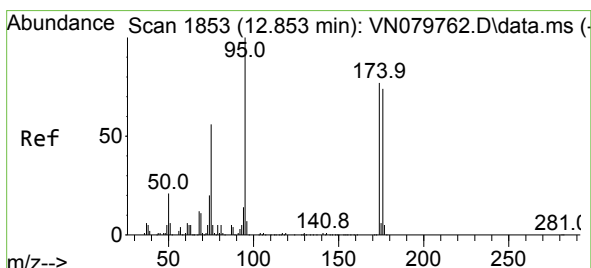
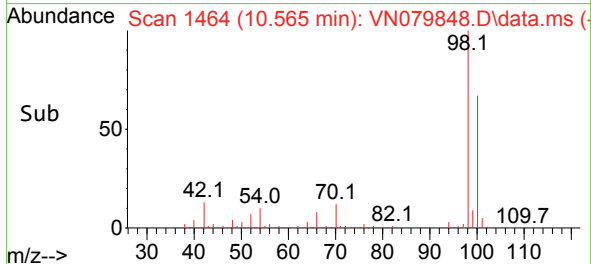
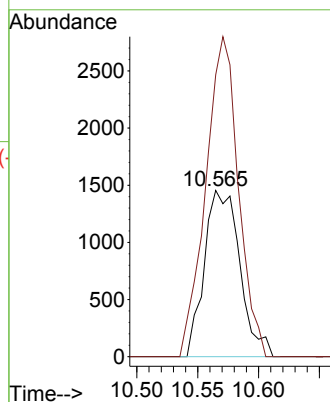
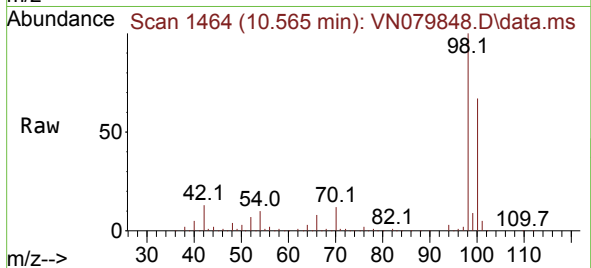




#51
4-Methyl-2-Pentanone
Concen: 0.670 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN079848.D
Acq: 03 Nov 2023 14:52

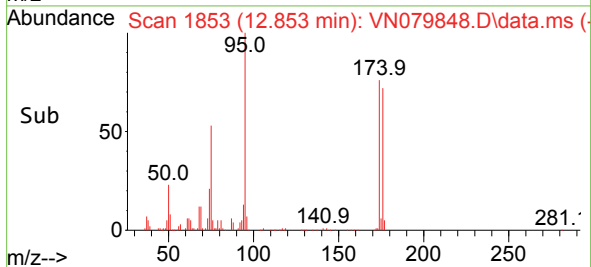
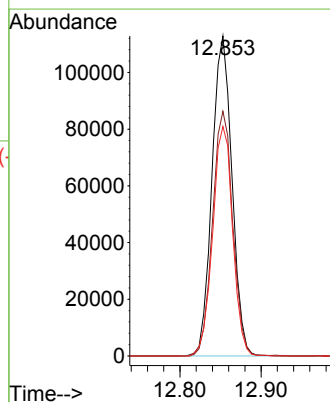
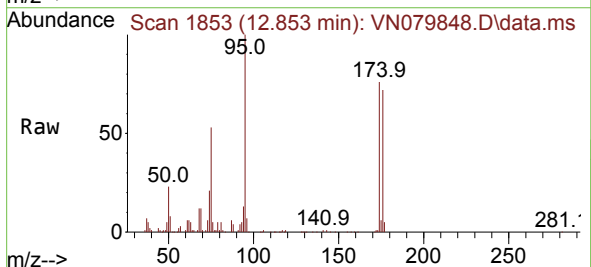
Instrument :
MSVOA_N
ClientSampleId :

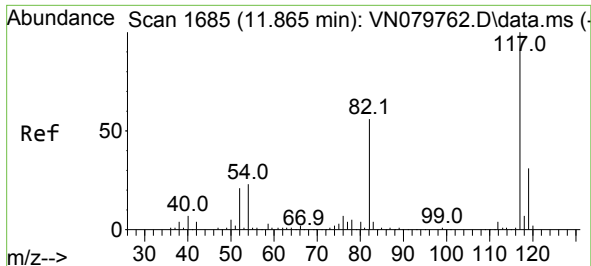
Tgt Ion: 43 Resp: 2945
Ion Ratio Lower Upper
43 100
58 178.1 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.405 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079848.D
Acq: 03 Nov 2023 14:52

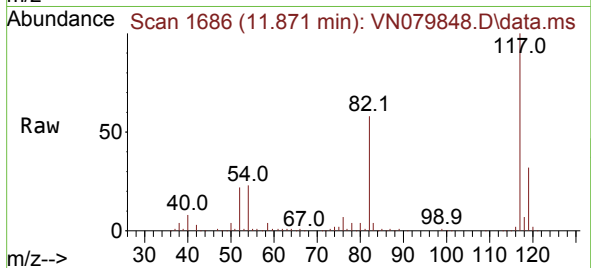
Tgt Ion: 95 Resp: 192692
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 71.9 0.0 135.8



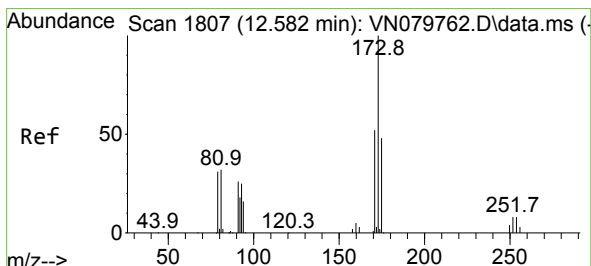
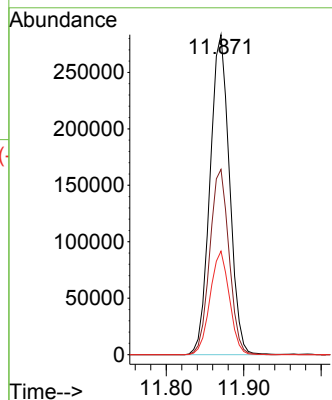
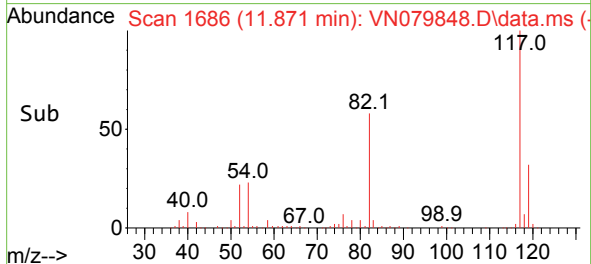


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079848.D
Acq: 03 Nov 2023 14:52

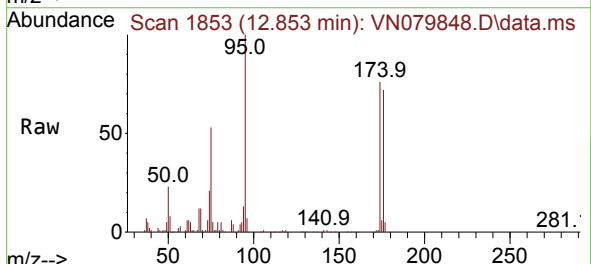
Instrument :
MSVOA_N
ClientSampleId :



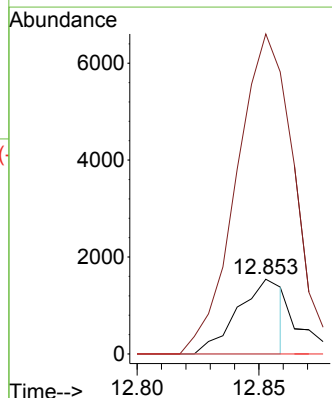
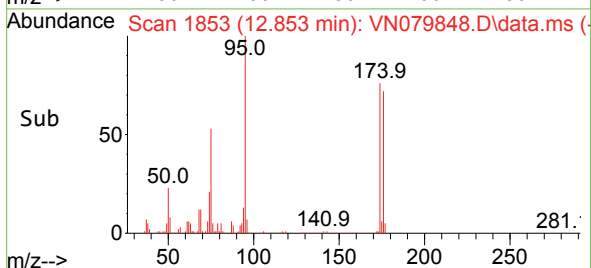
Tgt Ion:117 Resp: 494117
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.3 25.6 38.4

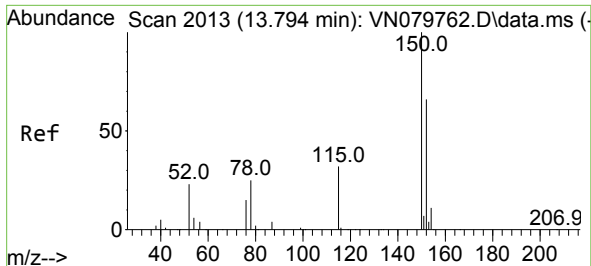


#71
Bromoform
Concen: 0.729 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN079848.D
Acq: 03 Nov 2023 14:52



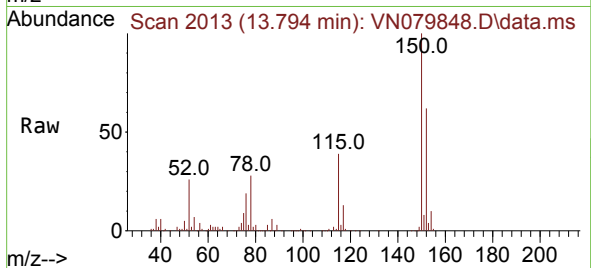
Tgt Ion:173 Resp: 1999
Ion Ratio Lower Upper
173 100
175 437.5 24.3 73.0#
254 0.0 0.0 0.0



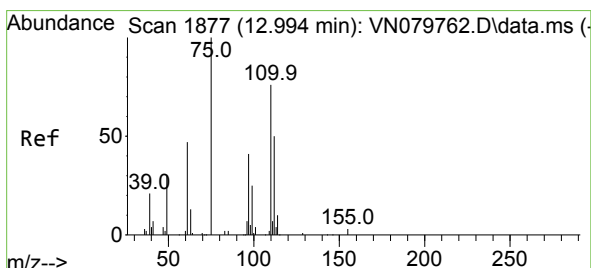
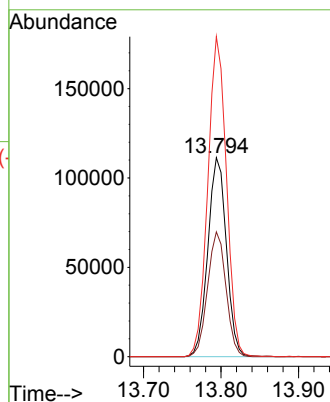
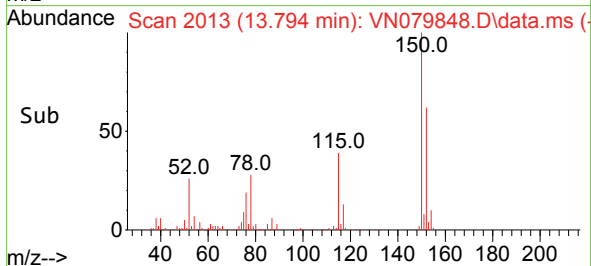


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079848.D
 Acq: 03 Nov 2023 14:52

Instrument :
 MSVOA_N
 ClientSampleId :

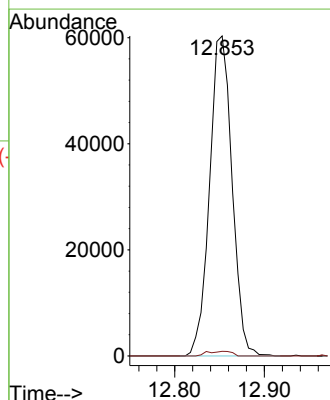
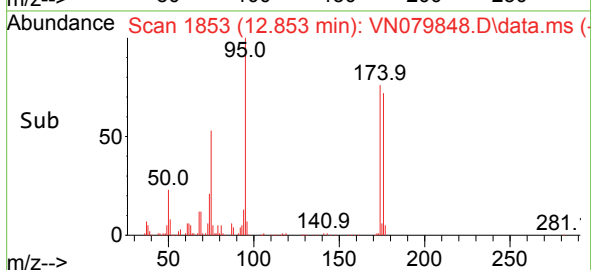
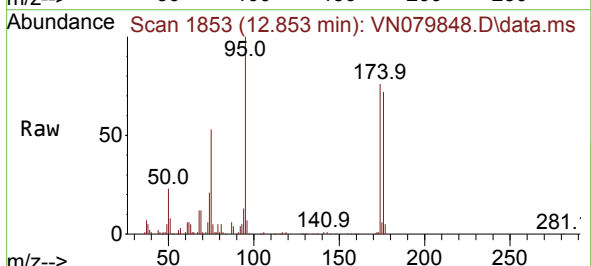


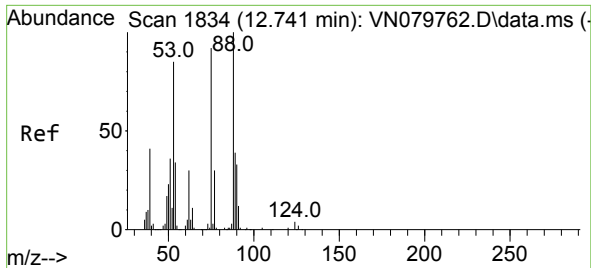
Tgt Ion:152 Resp: 185407
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.3 96.8
 150 160.9 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 24.139 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN079848.D
 Acq: 03 Nov 2023 14:52

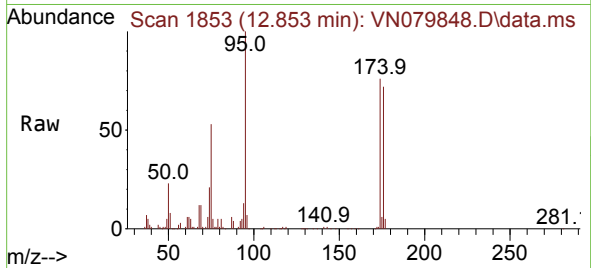
Tgt Ion: 75 Resp: 105072
 Ion Ratio Lower Upper
 75 100
 77 1.6 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.676 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079848.D
 Acq: 03 Nov 2023 14:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 105072
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

