

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011524\
 Data File : VN080718.D
 Acq On : 15 Jan 2024 16:19
 Operator : JC\MD
 Sample : P1144-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SCMW-20D

Quant Time: Jan 16 00:42:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

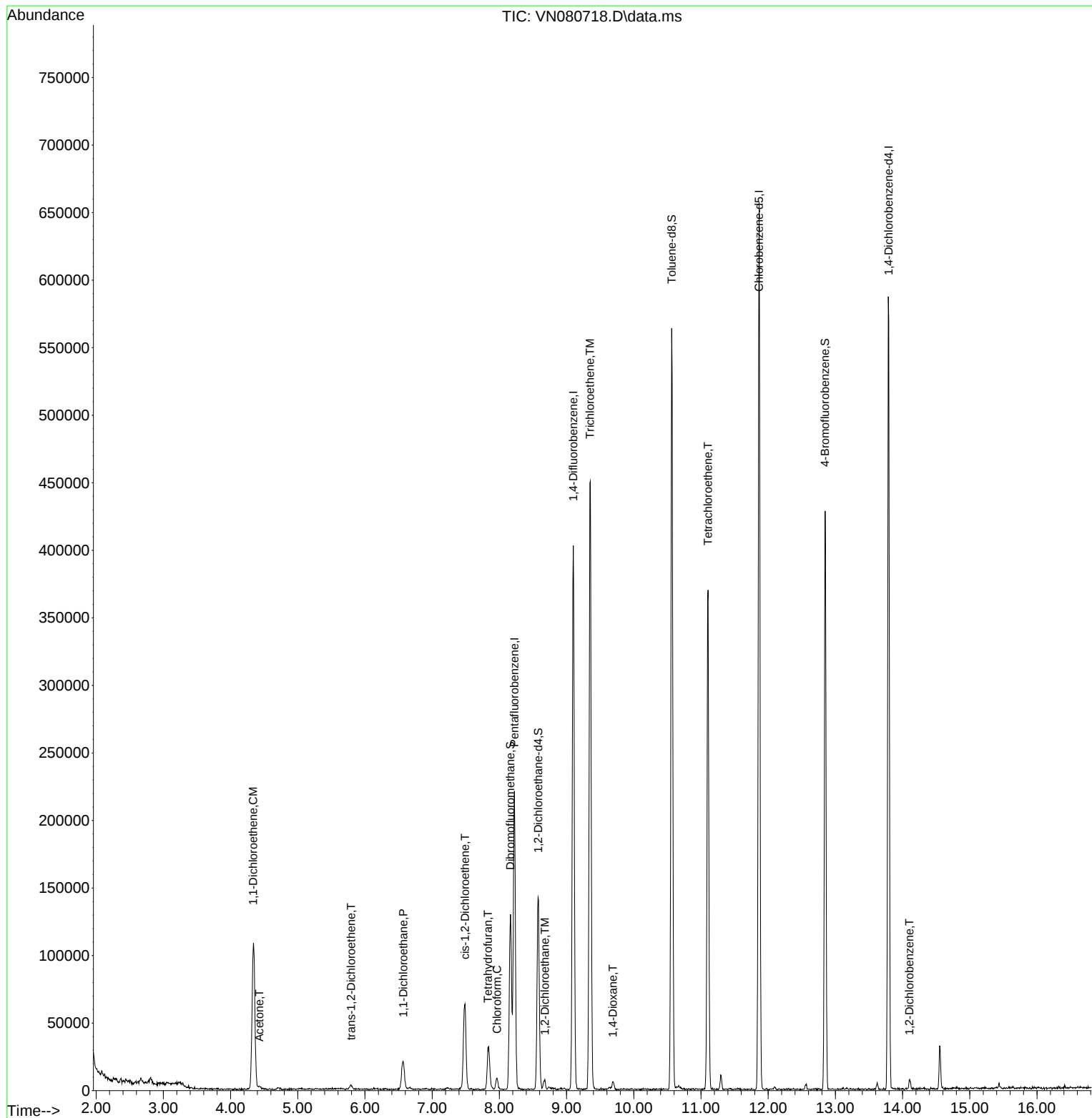
Internal Standards						
1) Pentafluorobenzene	8.224	168	142553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	335515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114024	45.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.100%		
35) Dibromofluoromethane	8.165	113	93747	50.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.140%		
50) Toluene-d8	10.565	98	379207	53.118	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.240%		
62) 4-Bromofluorobenzene	12.847	95	152744	55.795	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.580%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.336	96	62402	29.320	ug/l	85
16) Acetone	4.430	43	4028	4.901	ug/l #	78
21) trans-1,2-Dichloroethene	5.794	96	1017	0.471	ug/l #	53
24) 1,1-Dichloroethane	6.571	63	32548	7.474	ug/l	94
27) cis-1,2-Dichloroethene	7.488	96	36804	15.465	ug/l	89
29) Tetrahydrofuran	7.830	42	27952	27.915	ug/l #	69
30) Chloroform	7.965	83	7916	1.939	ug/l #	67
42) 1,2-Dichloroethane	8.677	62	5743	1.391	ug/l	79
44) Trichloroethene	9.347	130	148645	60.902	ug/l	92
49) 1,4-Dioxane	9.688	88	4148	102.861	ug/l #	78
64) Tetrachloroethene	11.106	164	73803	32.031	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	3199	0.682	ug/l	94

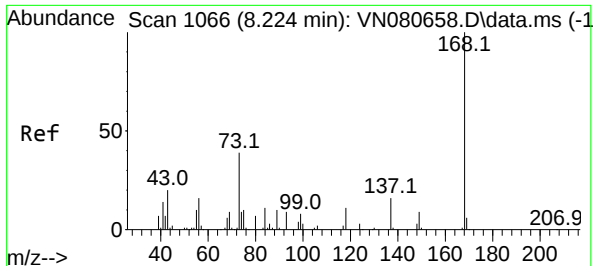
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 00:42:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

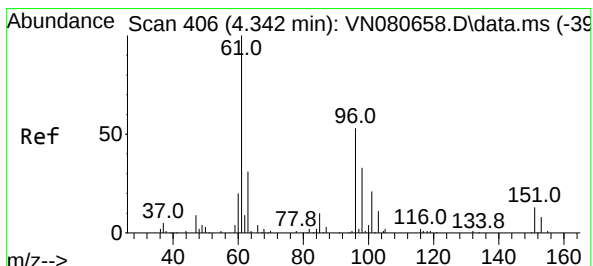
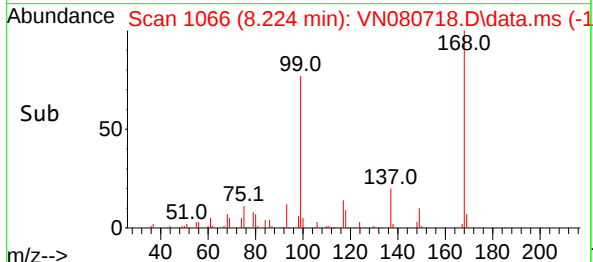
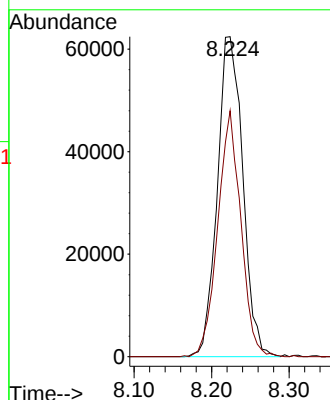
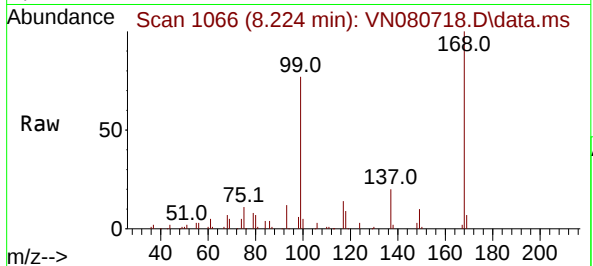




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

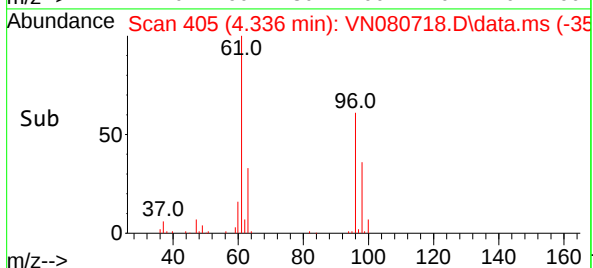
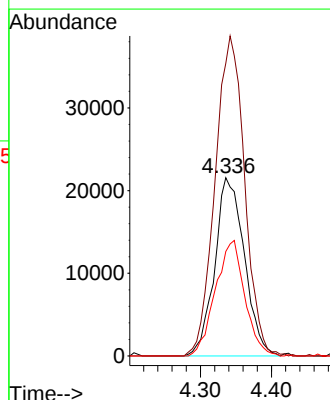
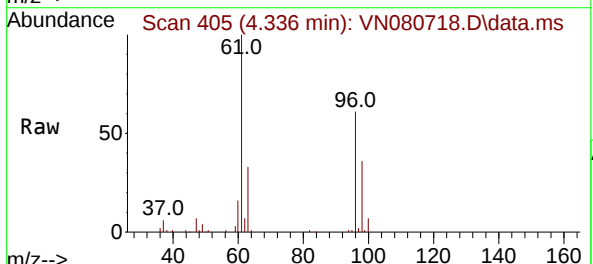
Instrument :
MSVOA_N
ClientSampleId :
SCMW-20D

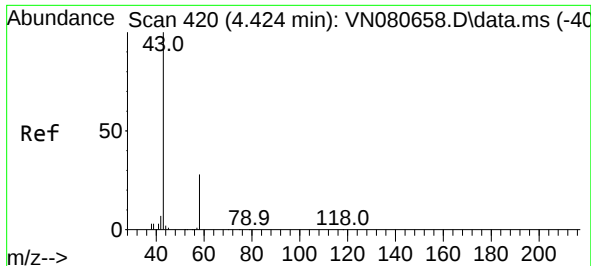
Tgt Ion:168 Resp: 142553
Ion Ratio Lower Upper
168 100
99 76.8 53.0 79.6



#12
1,1-Dichloroethene
Concen: 29.320 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

Tgt Ion: 96 Resp: 62402
Ion Ratio Lower Upper
96 100
61 164.3 112.7 169.1
98 58.7 51.2 76.8

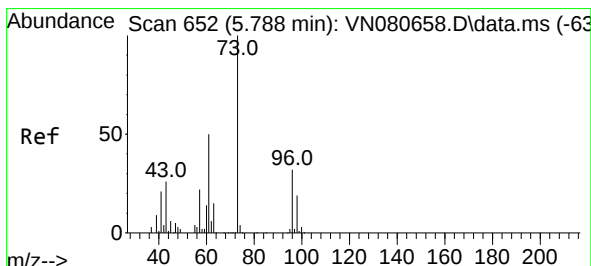
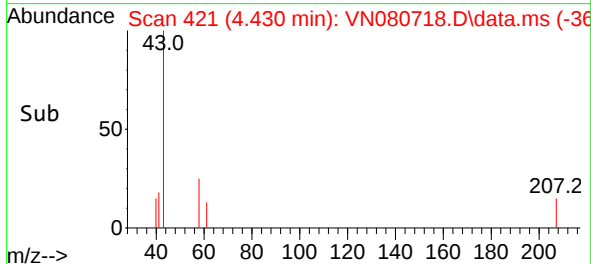
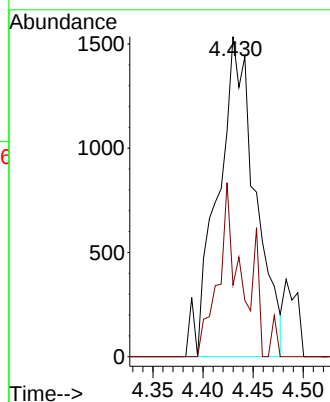
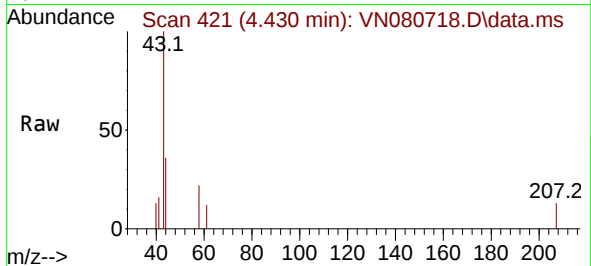




#16
Acetone
Concen: 4.901 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

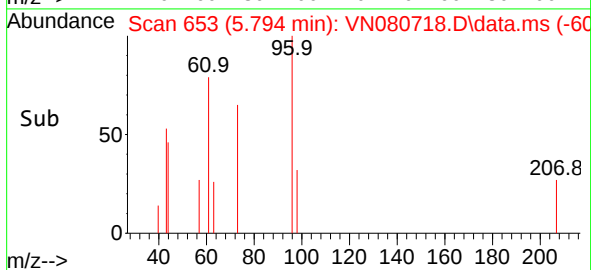
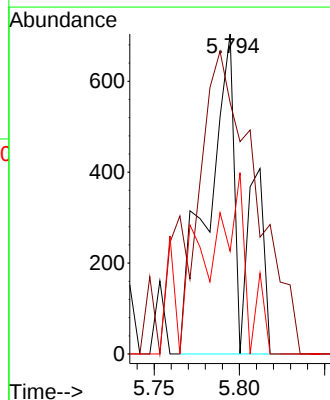
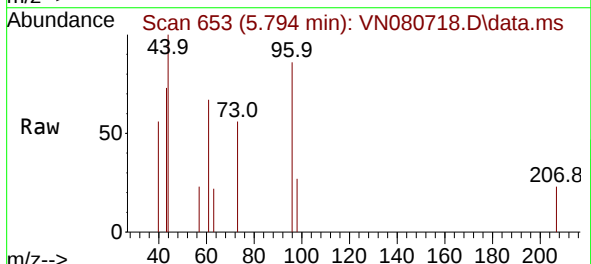
Instrument :
MSVOA_N
ClientSampleId :
SCMW-20D

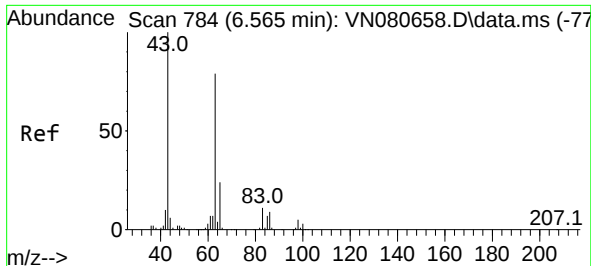
Tgt Ion: 43 Resp: 4028
Ion Ratio Lower Upper
43 100
58 22.4 28.0 42.0#



#21
trans-1,2-Dichloroethene
Concen: 0.471 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

Tgt Ion: 96 Resp: 1017
Ion Ratio Lower Upper
96 100
61 56.1 90.1 135.1#
98 32.1 46.4 69.6#

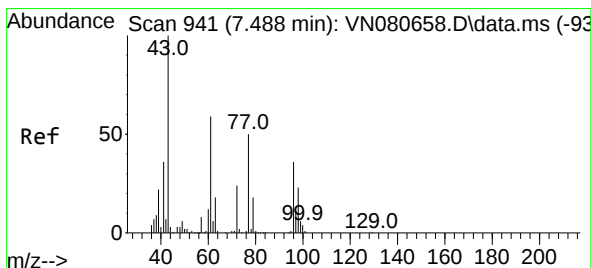
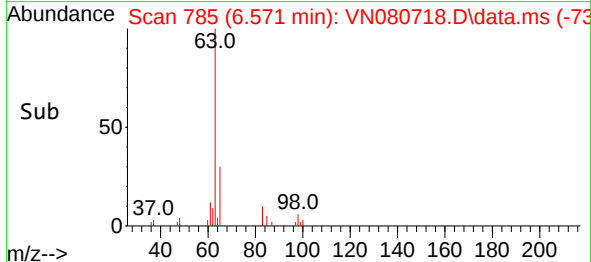
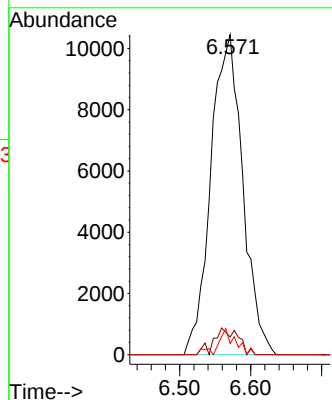
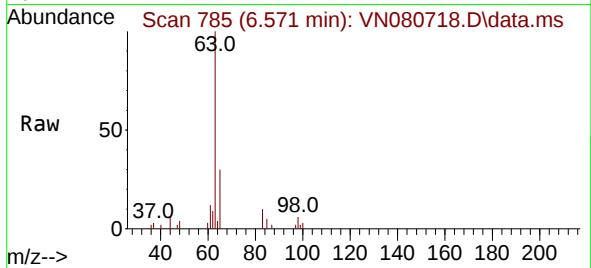




#24
1,1-Dichloroethane
Concen: 7.474 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

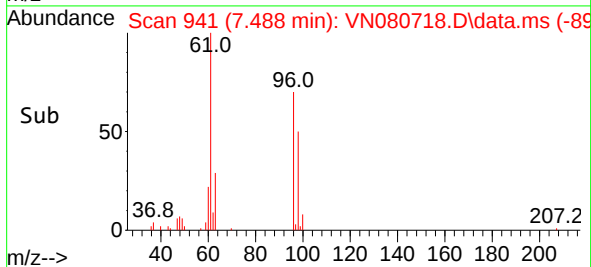
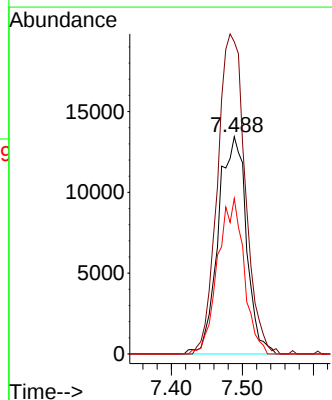
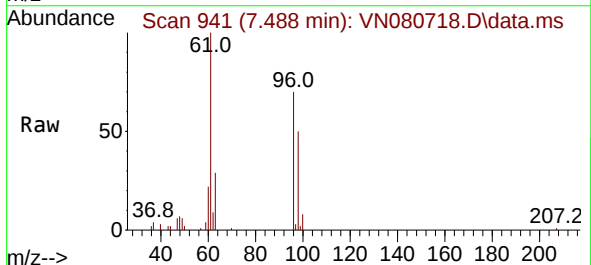
Instrument :
MSVOA_N
ClientSampleId :
SCMW-20D

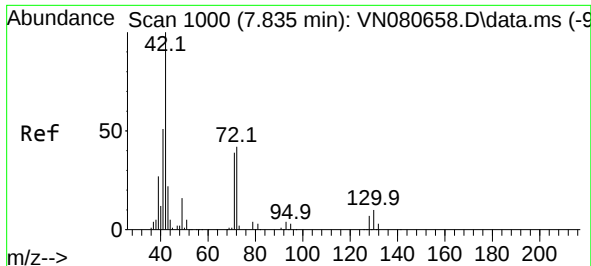
Tgt Ion: 63 Resp: 32548
Ion Ratio Lower Upper
63 100
98 5.5 3.9 11.7
100 3.5 2.5 7.4



#27
cis-1,2-Dichloroethene
Concen: 15.465 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

Tgt Ion: 96 Resp: 36804
Ion Ratio Lower Upper
96 100
61 145.4 0.0 255.2
98 67.0 0.0 128.8





#29

Tetrahydrofuran

Concen: 27.915 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN080718.D

Acq: 15 Jan 2024 16:19

Instrument :

MSVOA_N

ClientSampleId :

SCMW-20D

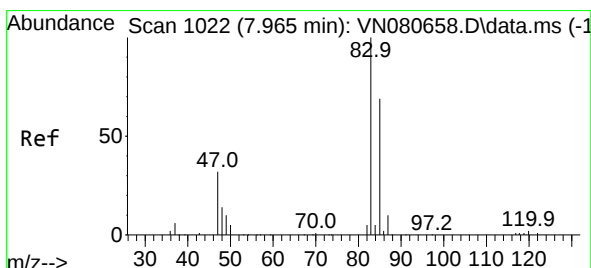
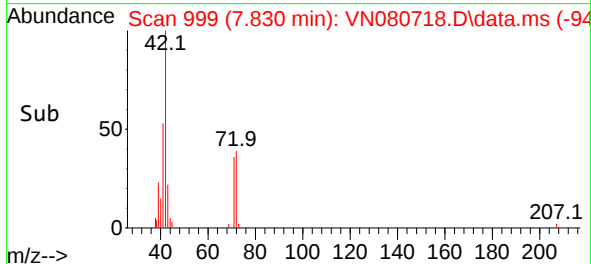
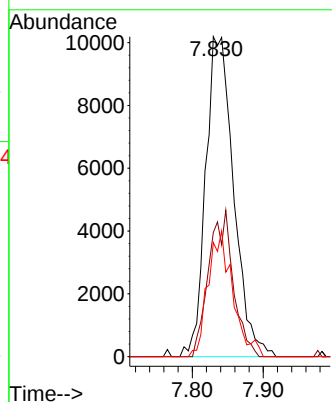
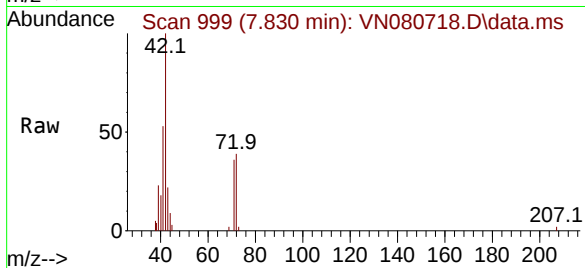
Tgt Ion: 42 Resp: 27952

Ion Ratio Lower Upper

42 100

72 40.0 49.8 74.6#

71 34.6 47.4 71.2#



#30

Chloroform

Concen: 1.939 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080718.D

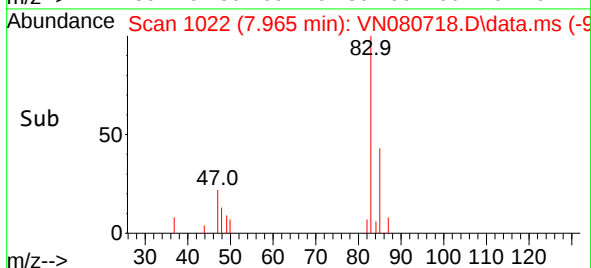
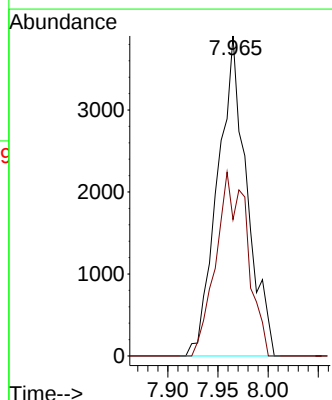
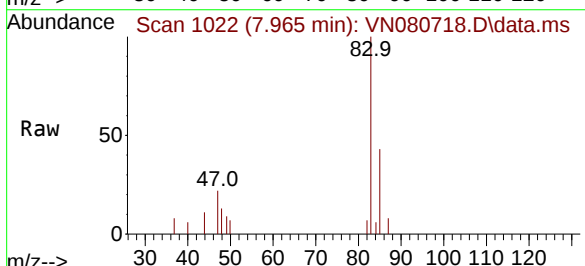
Acq: 15 Jan 2024 16:19

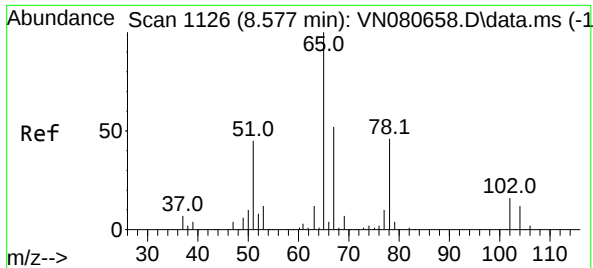
Tgt Ion: 83 Resp: 7916

Ion Ratio Lower Upper

83 100

85 42.6 55.4 83.0#





#33

1,2-Dichloroethane-d4

Concen: 45.548 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080718.D

Acq: 15 Jan 2024 16:19

Instrument :

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ClientSampleId :

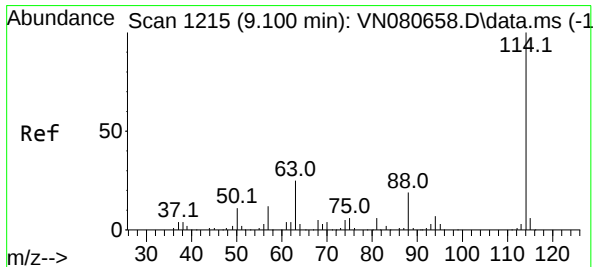
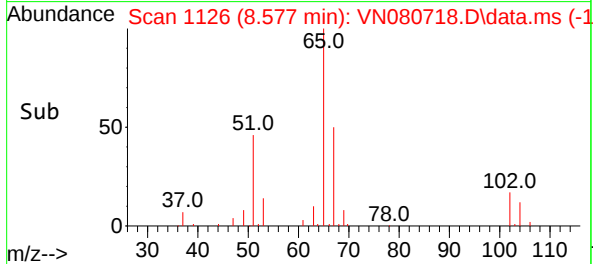
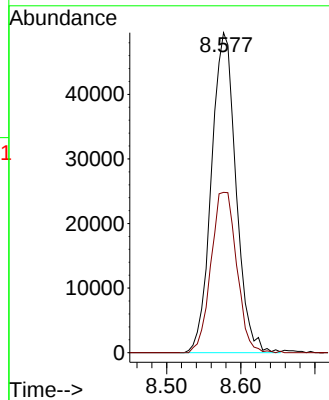
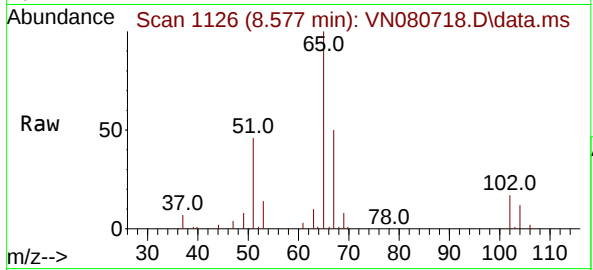
SCMW-20D

Tgt Ion: 65 Resp: 114024

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080718.D

Acq: 15 Jan 2024 16:19

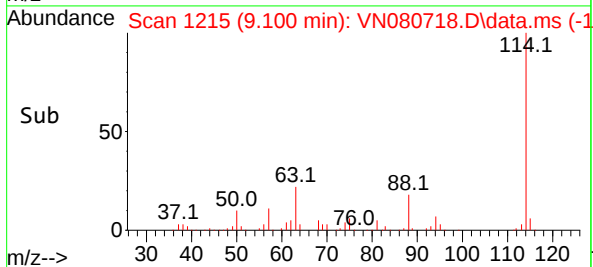
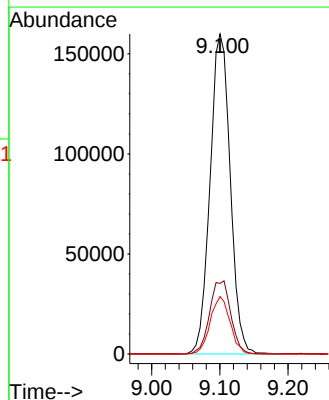
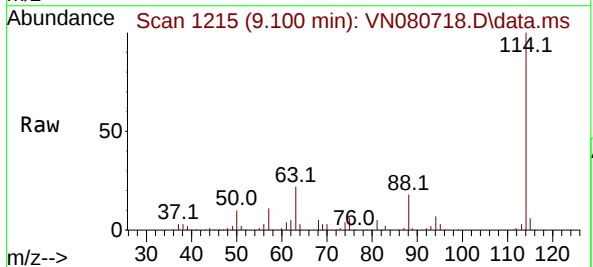
Tgt Ion: 114 Resp: 329515

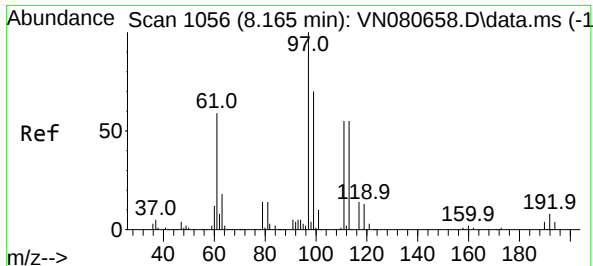
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 18.0 0.0 30.6

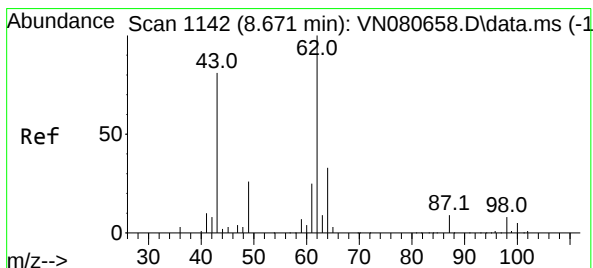
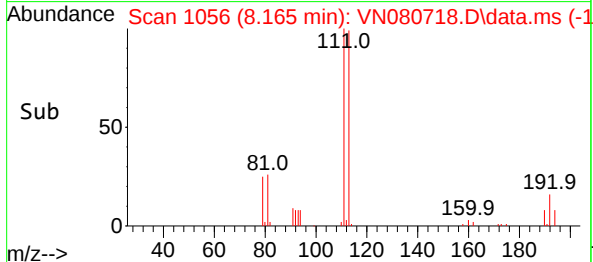
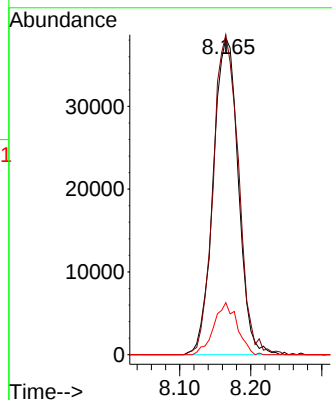
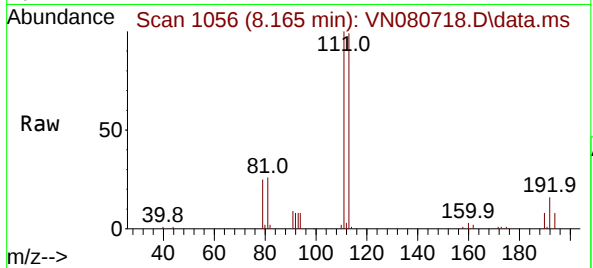




#35
Dibromofluoromethane
Concen: 50.073 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

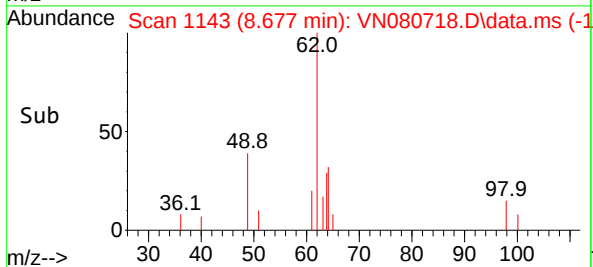
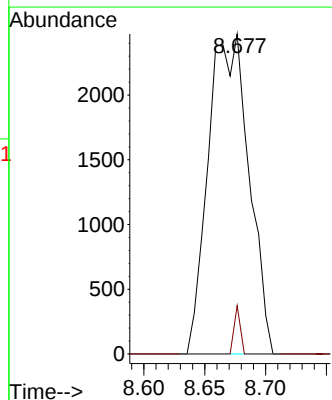
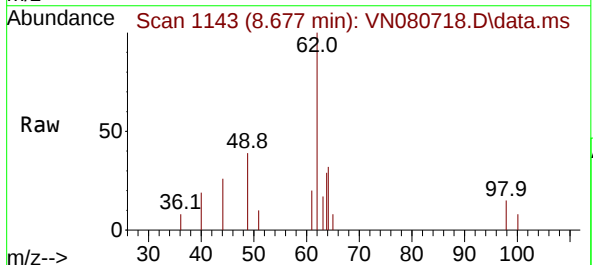
Instrument :
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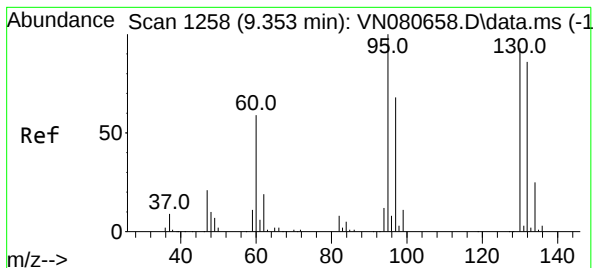
Tgt Ion:113 Resp: 93747
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 15.4 12.7 19.1



#42
1,2-Dichloroethane
Concen: 1.391 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

Tgt Ion: 62 Resp: 5743
Ion Ratio Lower Upper
62 100
98 2.3 0.0 19.8





#44

Trichloroethene

Concen: 60.902 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080718.D

Acq: 15 Jan 2024 16:19

Instrument :

MSVOA_N

ClientSampleId :

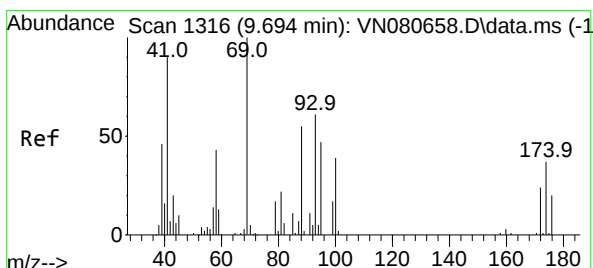
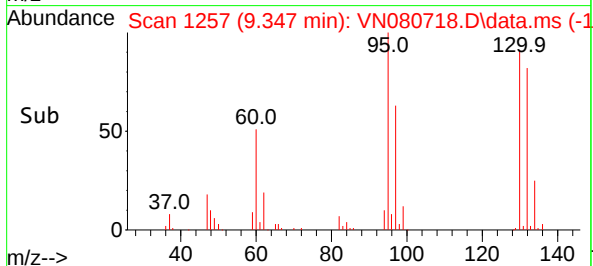
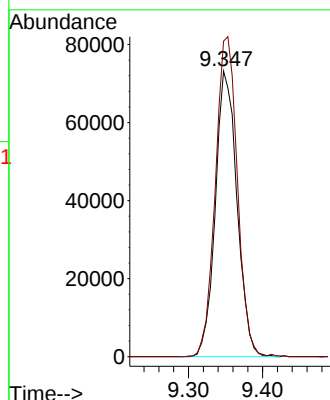
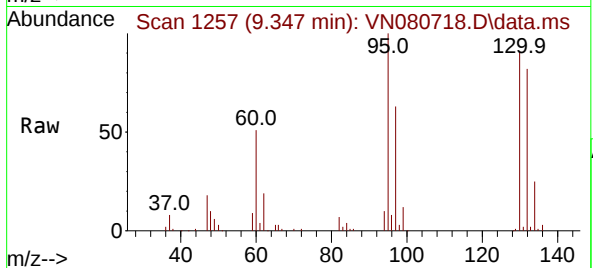
SCMW-20D

Tgt Ion:130 Resp: 148645

Ion Ratio Lower Upper

130 100

95 110.5 0.0 204.6



#49

1,4-Dioxane

Concen: 102.861 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN080718.D

Acq: 15 Jan 2024 16:19

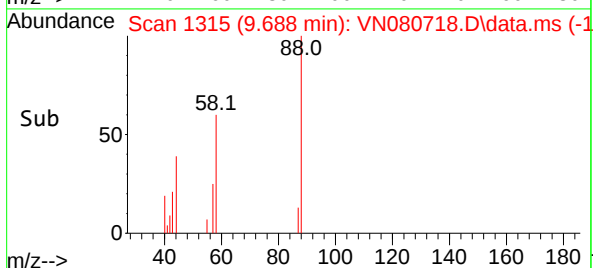
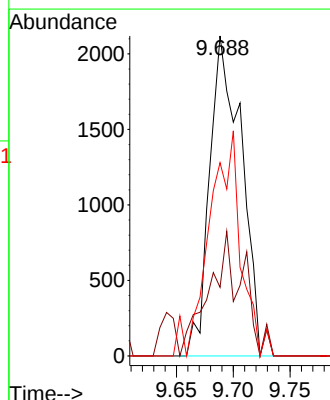
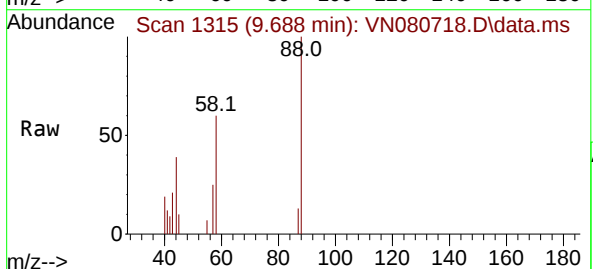
Tgt Ion: 88 Resp: 4148

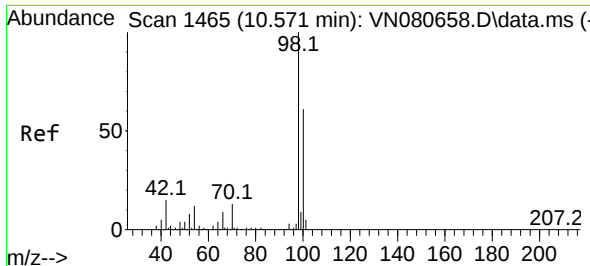
Ion Ratio Lower Upper

88 100

43 41.3 17.0 25.6#

58 69.5 47.0 70.4

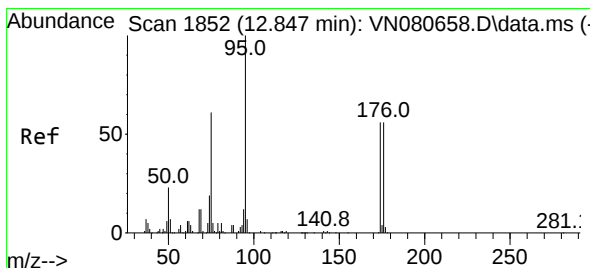
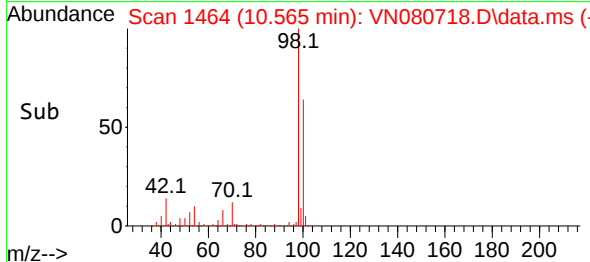
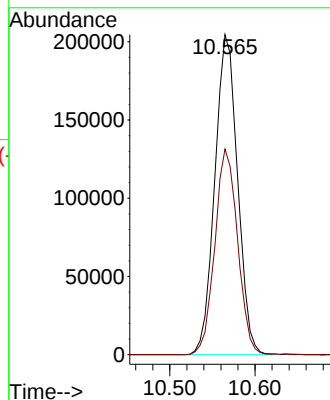
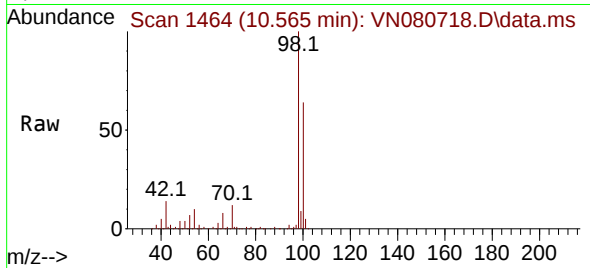




#50
Toluene-d8
Concen: 53.118 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

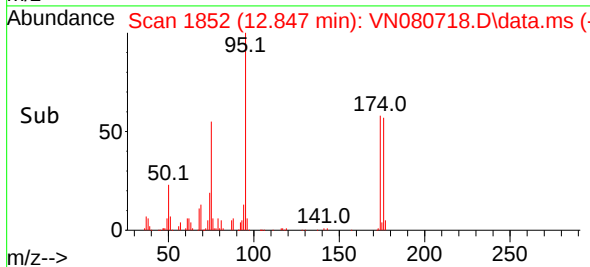
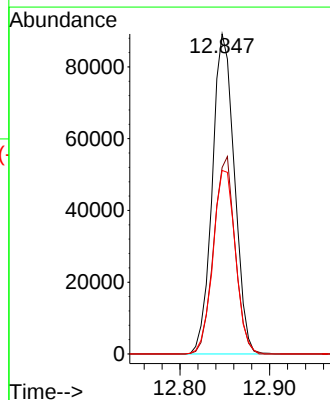
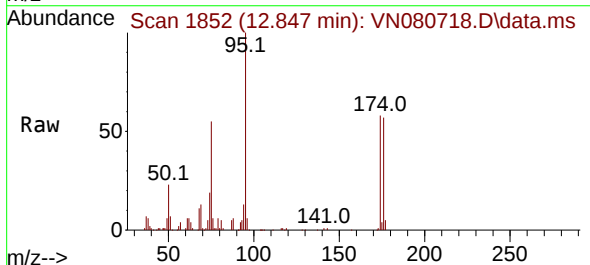
Instrument :
MSVOA_N
ClientSampleId :
SCMW-20D

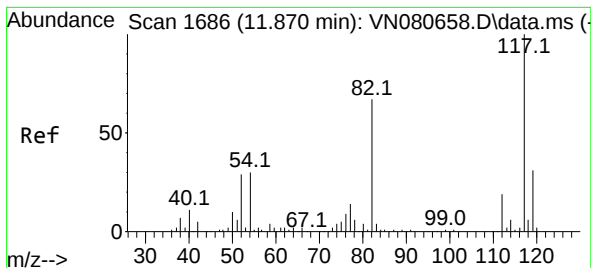
Tgt Ion: 98 Resp: 379207
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.795 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

Tgt Ion: 95 Resp: 152744
Ion Ratio Lower Upper
95 100
174 59.7 0.0 143.8
176 58.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080718.D

Acq: 15 Jan 2024 16:19

Instrument :

MSVOA_N

ClientSampleId :

SCMW-20D

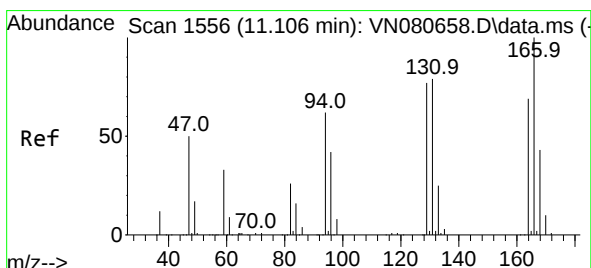
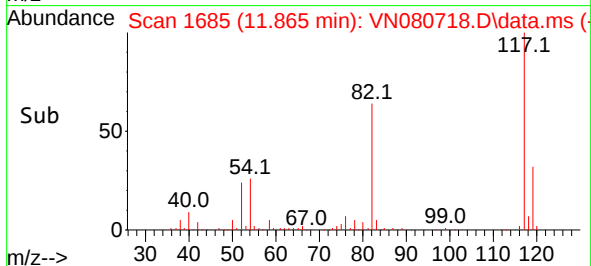
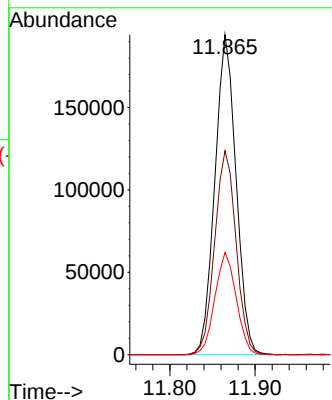
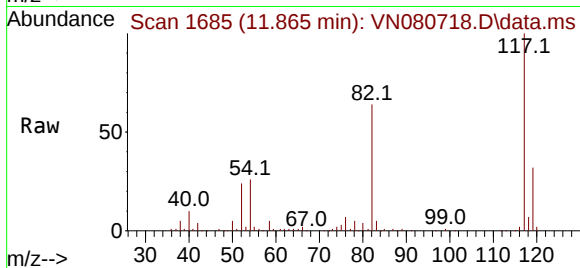
Tgt Ion:117 Resp: 335515

Ion Ratio Lower Upper

117 100

82 63.7 44.0 66.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 32.031 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080718.D

Acq: 15 Jan 2024 16:19

Tgt Ion:164 Resp: 73803

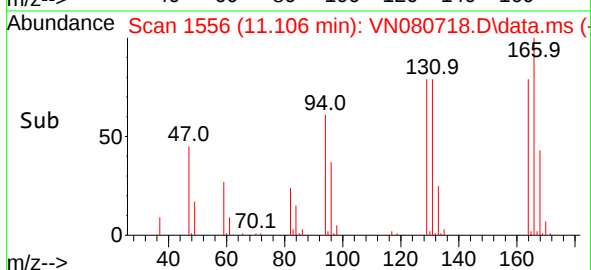
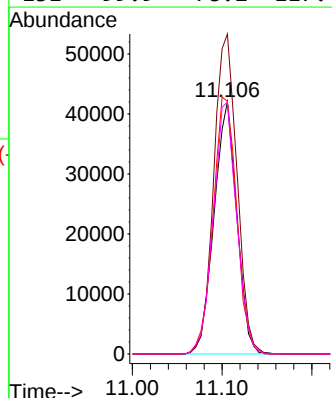
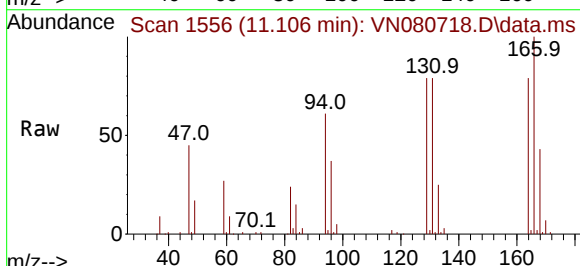
Ion Ratio Lower Upper

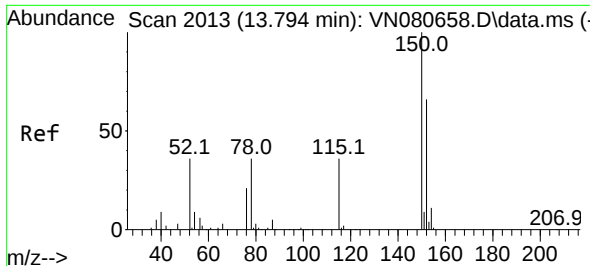
164 100

166 126.8 101.4 152.0

129 100.1 82.4 123.6

131 99.9 78.2 117.4

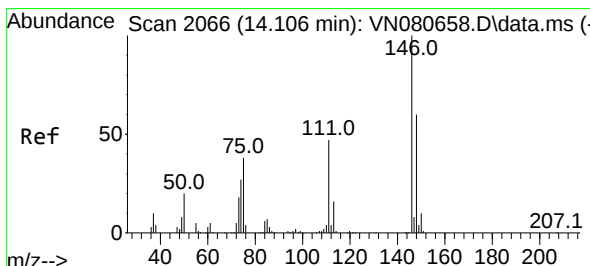
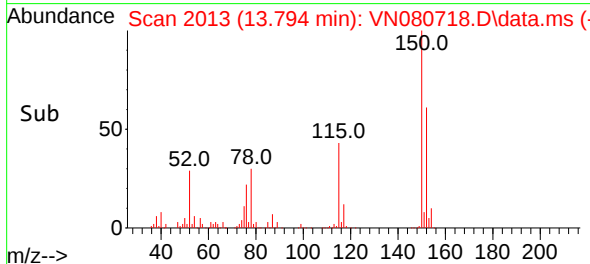
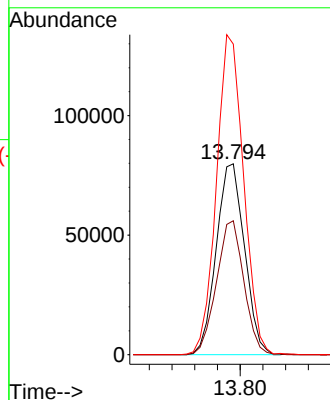
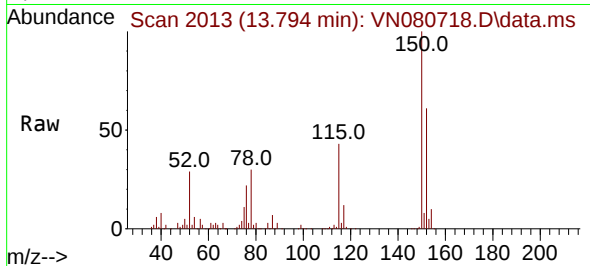




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

Instrument :
MSVOA_N
ClientSampleId :
SCMW-20D

Tgt Ion:152 Resp: 137915
Ion Ratio Lower Upper
152 100
115 67.9 32.3 96.8
150 161.5 0.0 355.8



#91
1,2-Dichlorobenzene
Concen: 0.682 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN080718.D
Acq: 15 Jan 2024 16:19

Tgt Ion:146 Resp: 3199
Ion Ratio Lower Upper
146 100
111 47.5 22.0 66.0
148 68.9 31.8 95.3

