

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081758.D
 Acq On : 16 Apr 2024 14:51
 Operator : JC\MD
 Sample : P2073-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-01B-23-041024

Quant Time: Apr 17 03:25:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

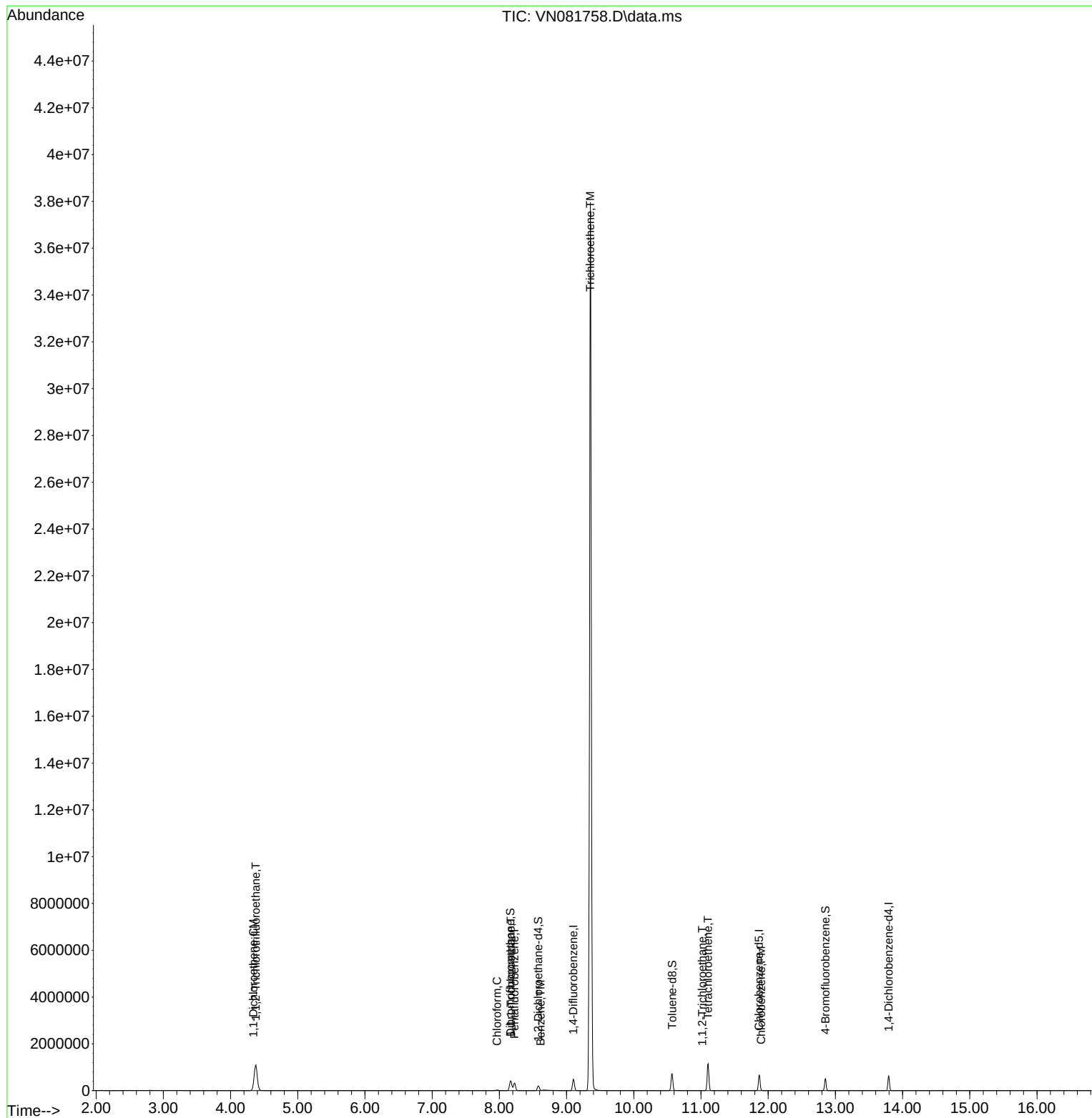
Internal Standards						
1) Pentafluorobenzene	8.224	168	227055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	421269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	390541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166664	52.163	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.320%	
35) Dibromofluoromethane	8.165	113	134539	48.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.720%	
50) Toluene-d8	10.570	98	516793	50.428	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.853	95	172479	49.251	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.500%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	733869	257.820	ug/l	99
12) 1,1-Dichloroethene	4.341	96	25977	9.629	ug/l	89
30) Chloroform	7.965	83	29288	5.269	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	191626	38.877	ug/l	98
40) Benzene	8.612	78	6624	0.549	ug/l #	81
44) Trichloroethene	9.353	130	11740279	3739.343	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	2200	0.764	ug/l #	72
64) Tetrachloroethene	11.106	164	245505	74.093	ug/l	97
65) Chlorobenzene	11.894	112	5499	0.612	ug/l	99

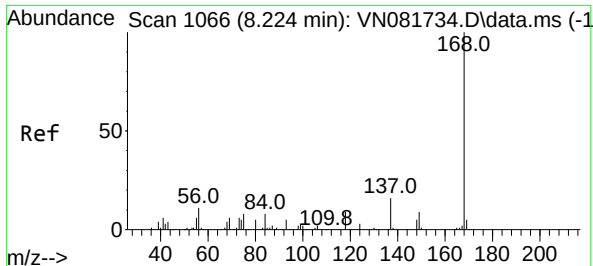
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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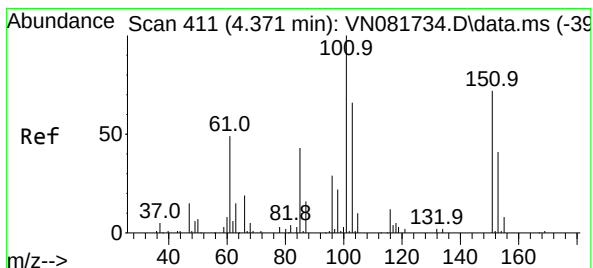
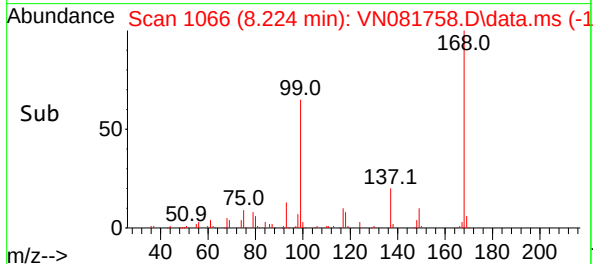
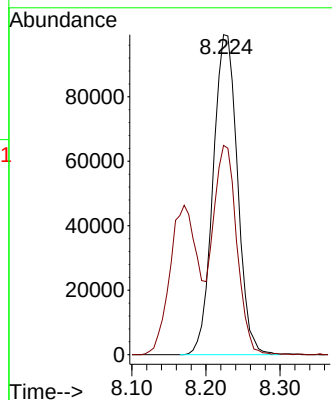
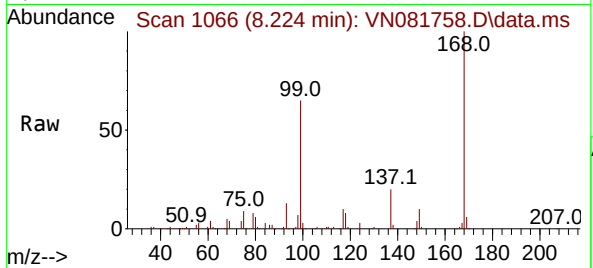




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081758.D
Acq: 16 Apr 2024 14:51

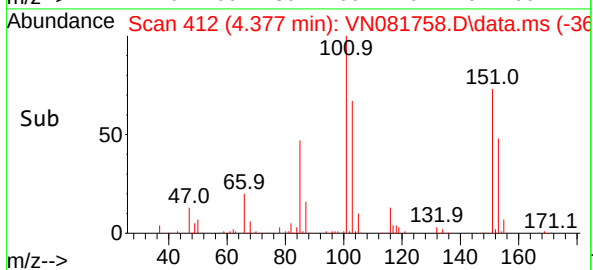
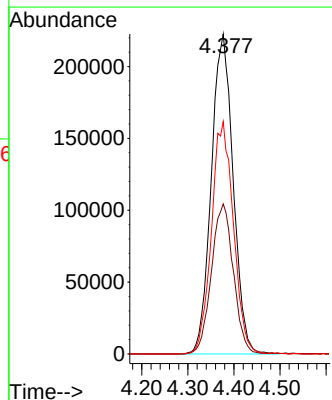
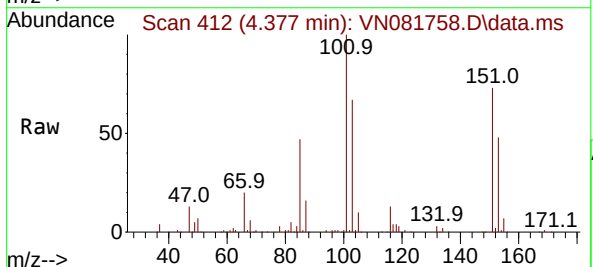
Instrument :
MSVOA_N
ClientSampleId :
RMW-01B-23-041024

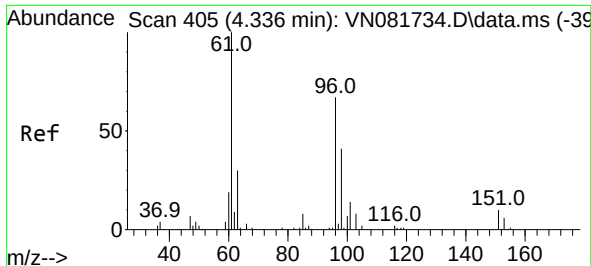
Tgt Ion:168 Resp: 227055
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 257.820 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN081758.D
Acq: 16 Apr 2024 14:51

Tgt Ion:101 Resp: 733869
Ion Ratio Lower Upper
101 100
85 47.0 37.3 55.9
151 73.0 59.2 88.8



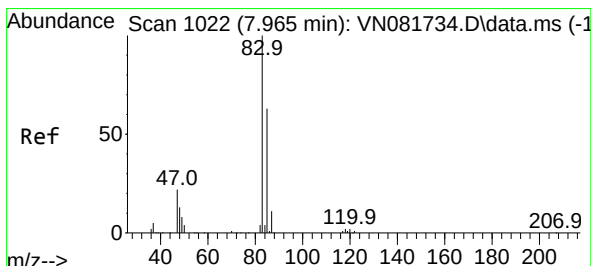
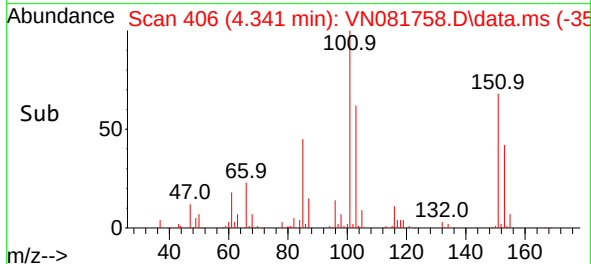
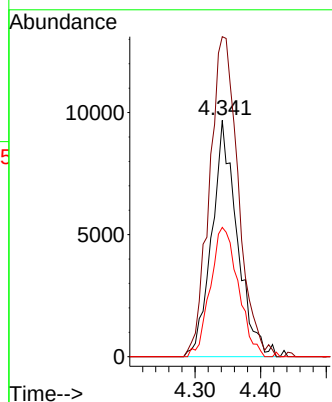
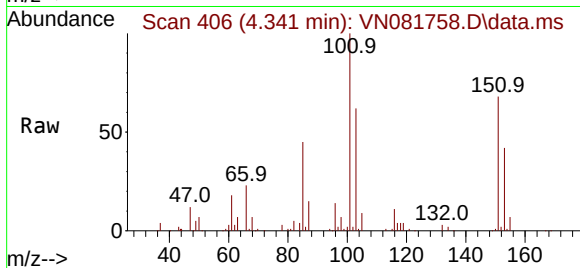


#12
 1,1-Dichloroethene
 Concen: 9.629 ug/l
 RT: 4.341 min Scan# 405
 Delta R.T. 0.005 min
 Lab File: VN081758.D
 Acq: 16 Apr 2024 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-01B-23-041024

Tgt Ion: 96 Resp: 25977

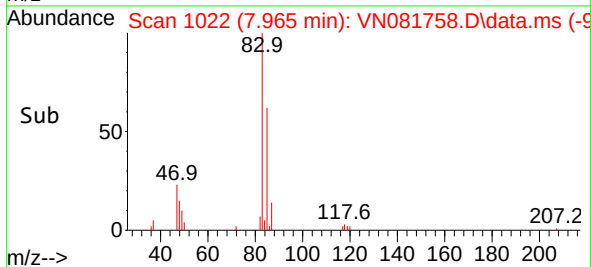
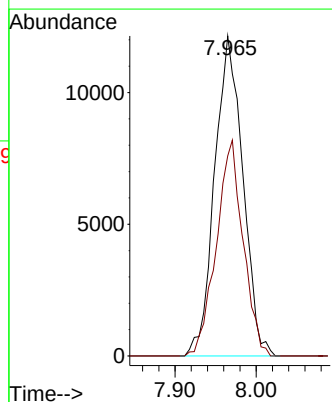
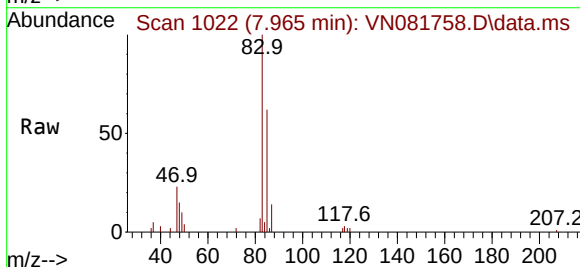
Ion	Ratio	Lower	Upper
96	100		
61	135.4	119.7	179.5
98	54.7	49.6	74.4

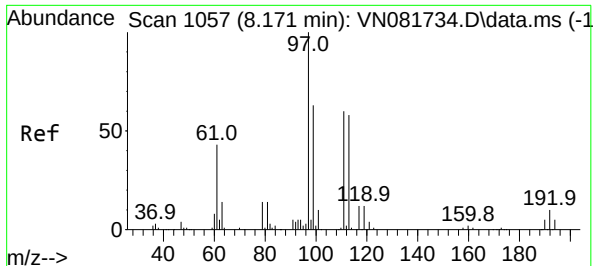


#30
 Chloroform
 Concen: 5.269 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN081758.D
 Acq: 16 Apr 2024 14:51

Tgt Ion: 83 Resp: 29288

Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.7	76.1





#32

1,1,1-Trichloroethane

Concen: 38.877 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081758.D

Acq: 16 Apr 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

RMW-01B-23-041024

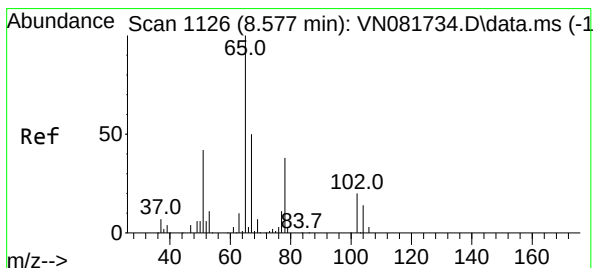
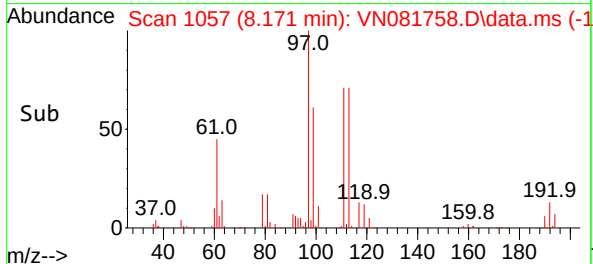
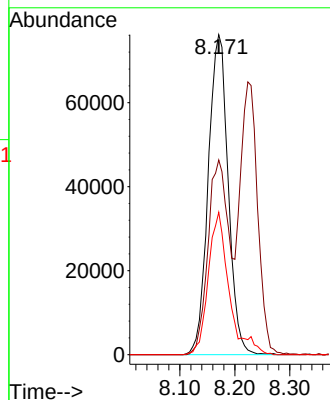
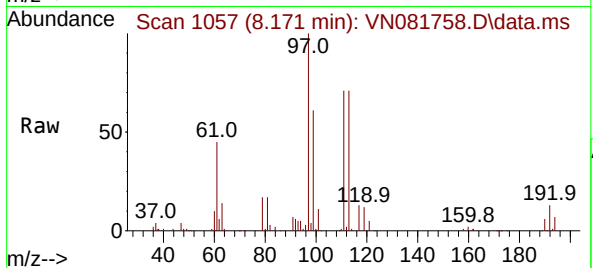
Tgt Ion: 97 Resp: 191626

Ion Ratio Lower Upper

97 100

99 65.4 50.3 75.5

61 46.5 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 52.163 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081758.D

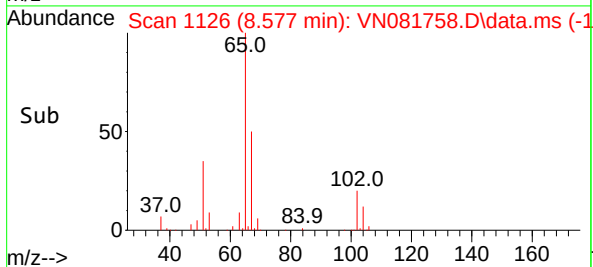
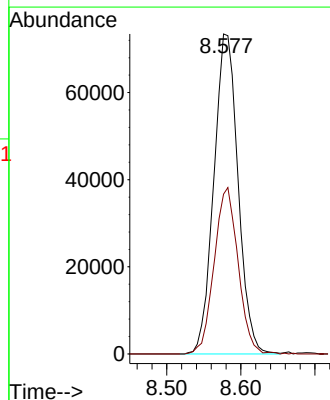
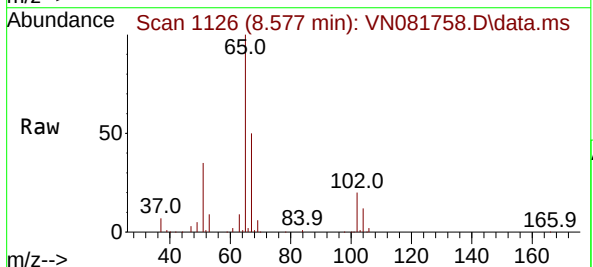
Acq: 16 Apr 2024 14:51

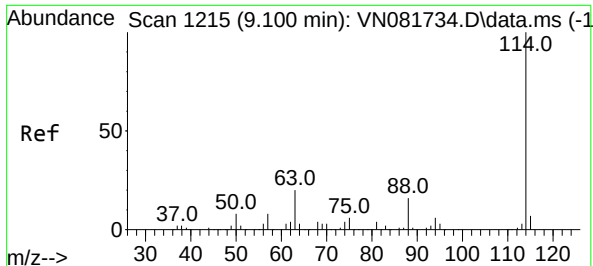
Tgt Ion: 65 Resp: 166664

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0

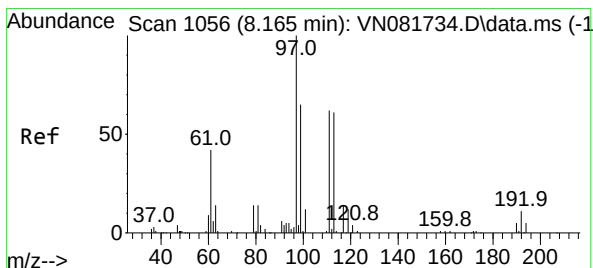
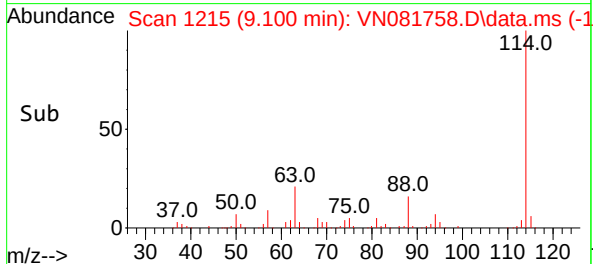
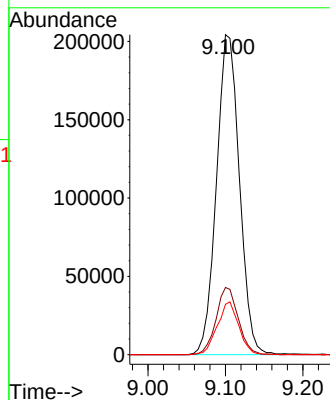
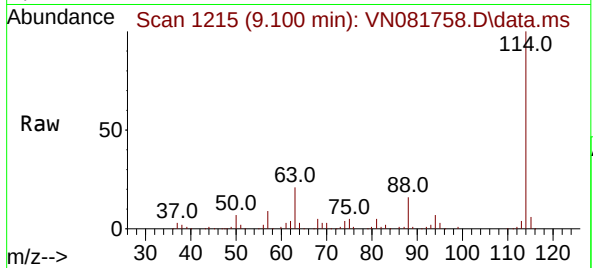




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081758.D
Acq: 16 Apr 2024 14:51

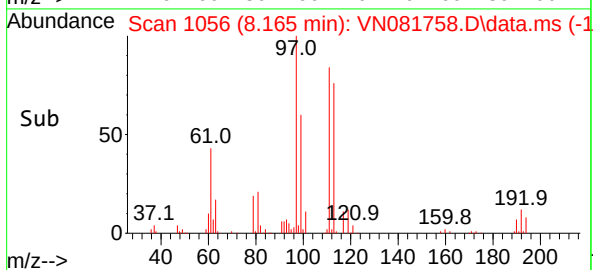
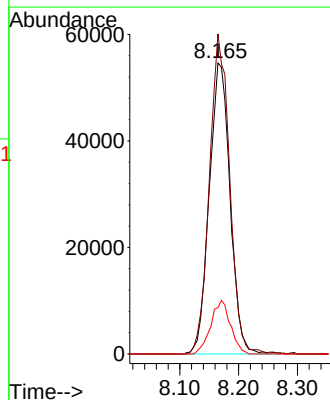
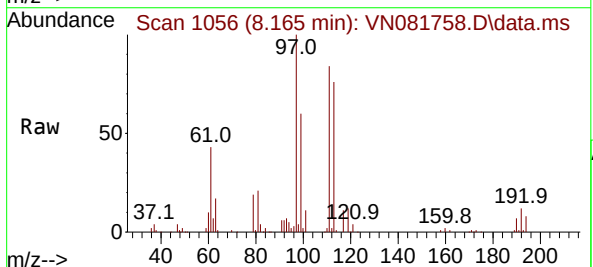
Instrument :
MSVOA_N
ClientSampleId :
RMW-01B-23-041024

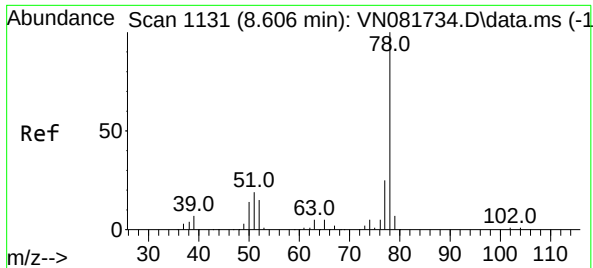
Tgt Ion:114 Resp: 421269
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.0
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.363 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081758.D
Acq: 16 Apr 2024 14:51

Tgt Ion:113 Resp: 134539
Ion Ratio Lower Upper
113 100
111 106.4 83.4 125.2
192 17.3 14.0 21.0





#40

Benzene

Concen: 0.549 ug/l

RT: 8.612 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN081758.D

Acq: 16 Apr 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

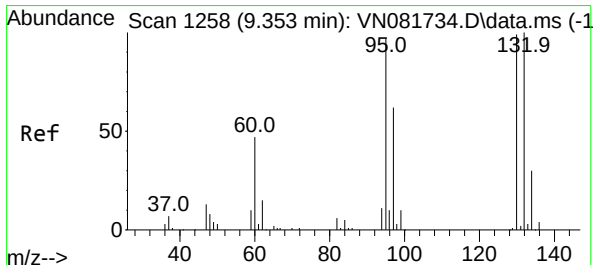
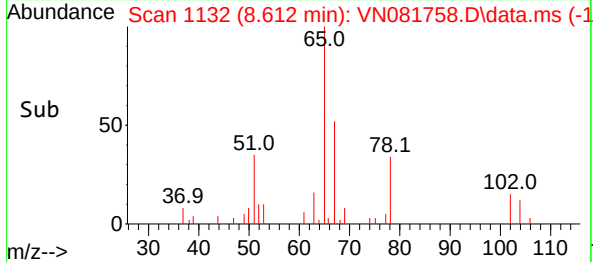
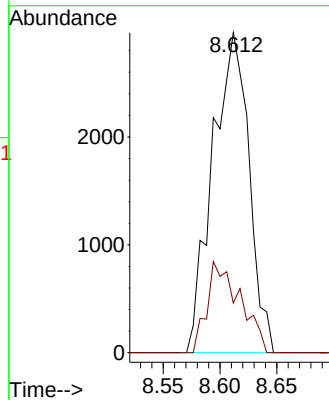
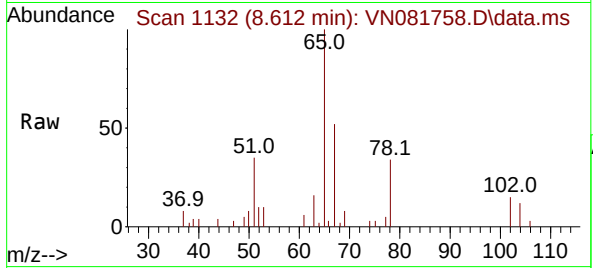
RMW-01B-23-041024

Tgt Ion: 78 Resp: 6624

Ion Ratio Lower Upper

78 100

77 15.5 20.0 30.0#



#44

Trichloroethene

Concen: 3739.343 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN081758.D

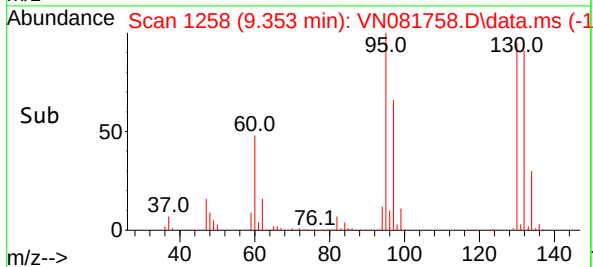
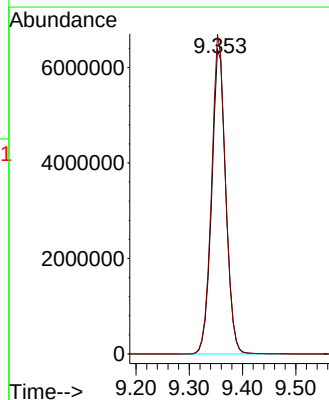
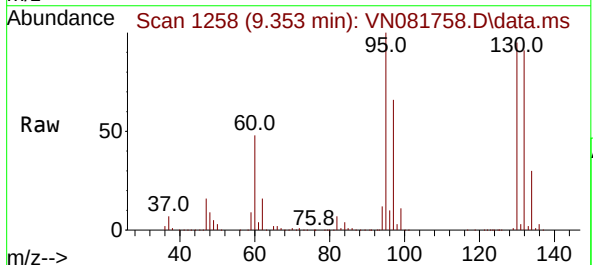
Acq: 16 Apr 2024 14:51

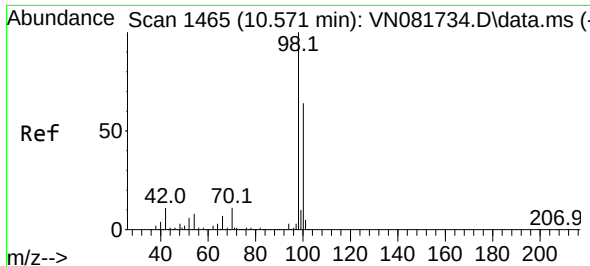
Tgt Ion:130 Resp:11740279

Ion Ratio Lower Upper

130 100

95 105.0 0.0 195.4

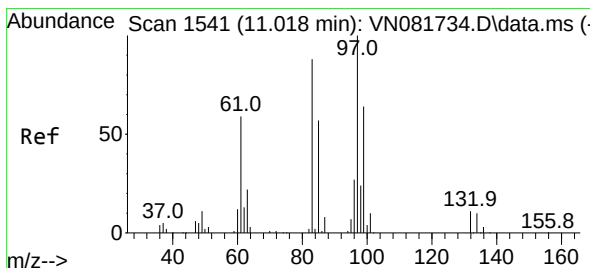
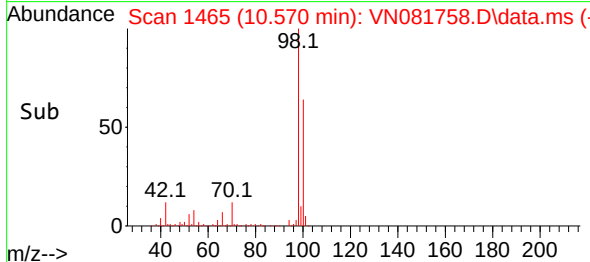
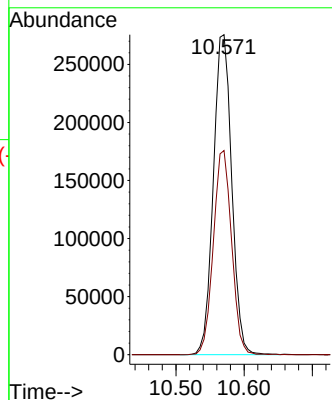
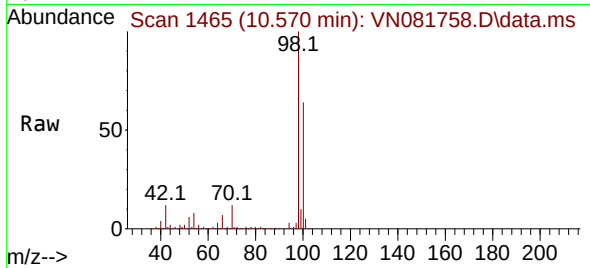




#50
Toluene-d8
Concen: 50.428 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN081758.D
Acq: 16 Apr 2024 14:51

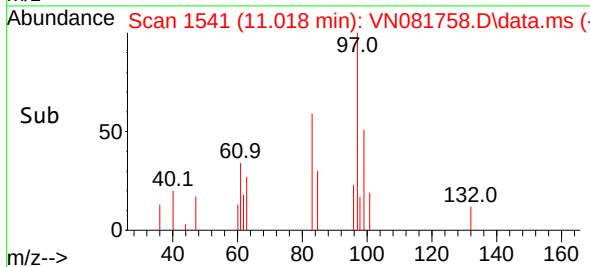
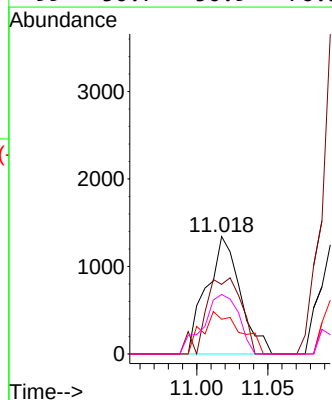
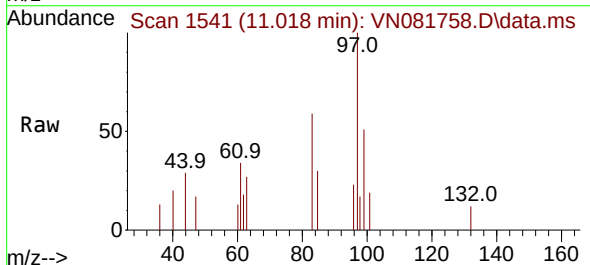
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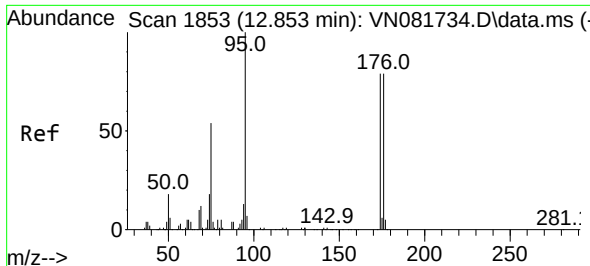
Tgt Ion: 98 Resp: 516793
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#55
1,1,2-Trichloroethane
Concen: 0.764 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081758.D
Acq: 16 Apr 2024 14:51

Tgt Ion: 97 Resp: 2200
Ion Ratio Lower Upper
97 100
83 59.3 70.4 105.6#
85 29.6 45.6 68.4#
99 50.7 50.9 76.3#

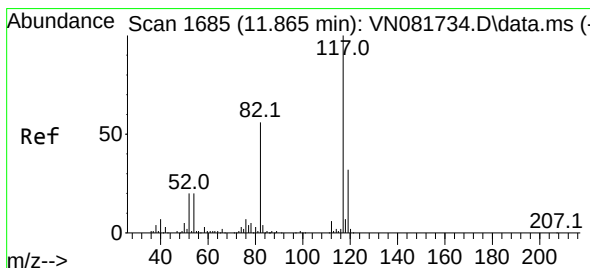
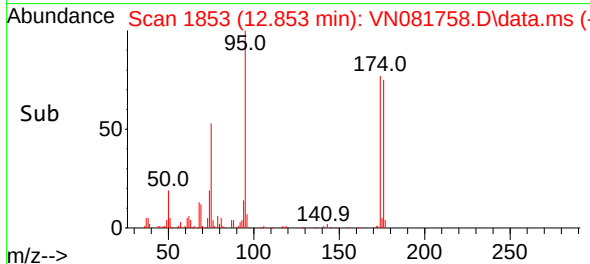
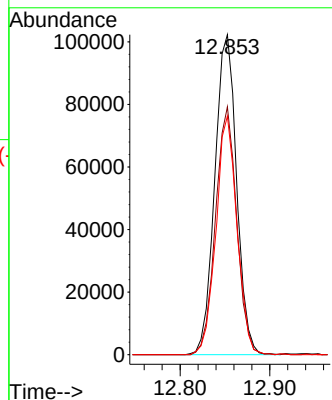
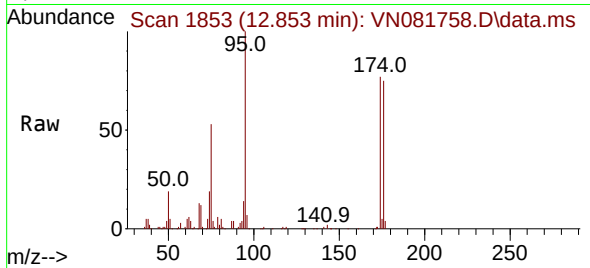




#62
4-Bromofluorobenzene
Concen: 49.251 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081758.D
Acq: 16 Apr 2024 14:51

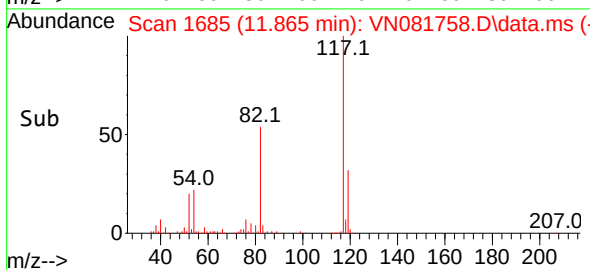
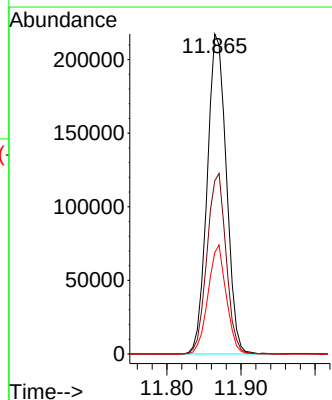
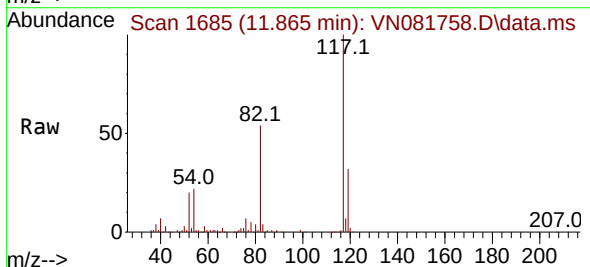
Instrument :
MSVOA_N
ClientSampleId :
RMW-01B-23-041024

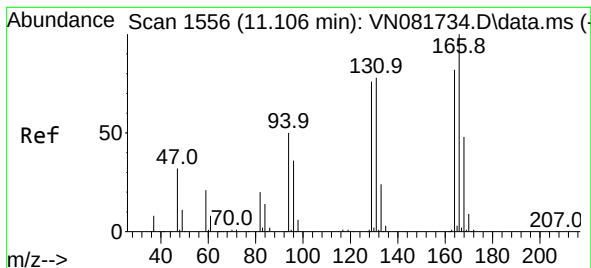
Tgt Ion: 95 Resp: 172479
Ion Ratio Lower Upper
95 100
174 75.3 0.0 160.6
176 71.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081758.D
Acq: 16 Apr 2024 14:51

Tgt Ion: 117 Resp: 390541
Ion Ratio Lower Upper
117 100
82 54.1 44.6 66.8
119 31.7 25.9 38.9





#64

Tetrachloroethene

Concen: 74.093 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081758.D

Acq: 16 Apr 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

RMW-01B-23-041024

Tgt Ion:164 Resp: 245505

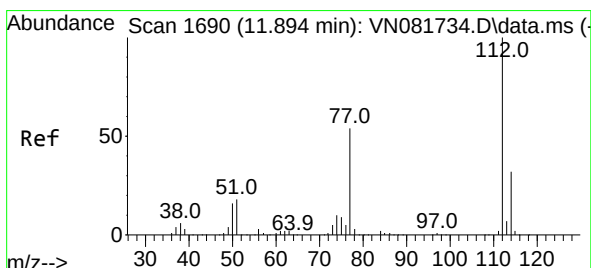
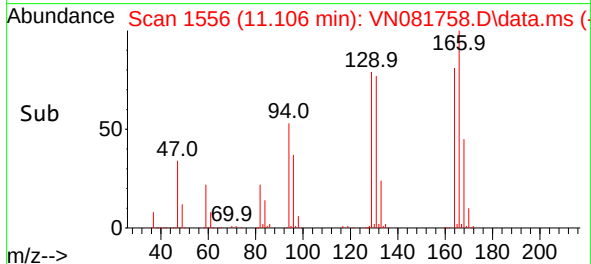
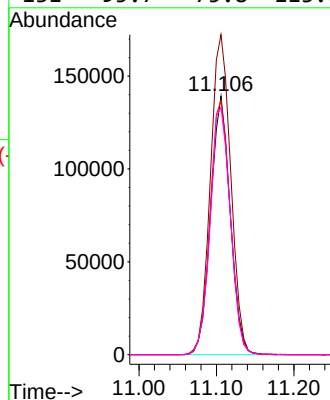
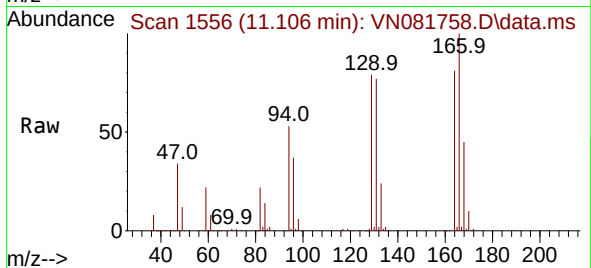
Ion Ratio Lower Upper

164 100

166 123.8 97.6 146.4

129 98.3 73.7 110.5

131 95.7 75.8 113.6



#65

Chlorobenzene

Concen: 0.612 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN081758.D

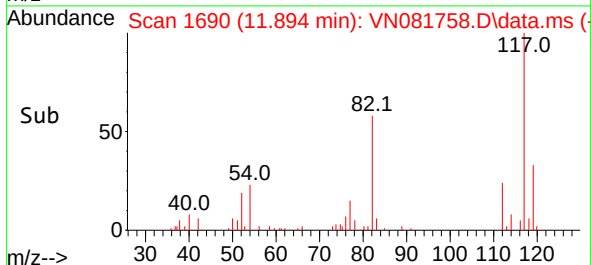
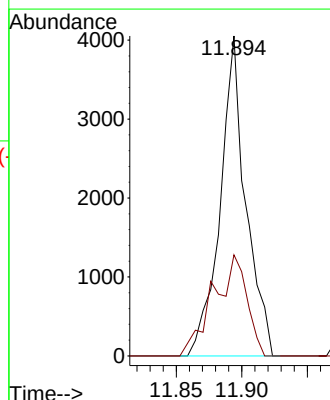
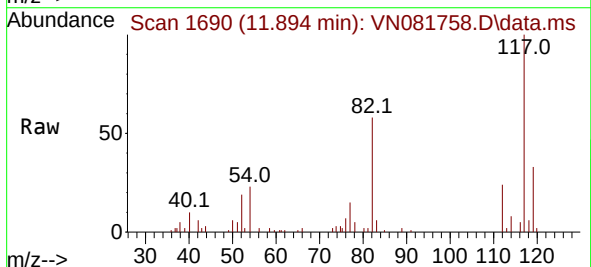
Acq: 16 Apr 2024 14:51

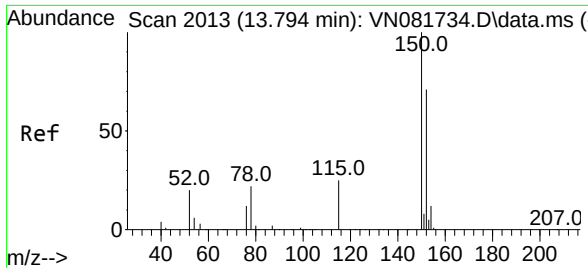
Tgt Ion:112 Resp: 5499

Ion Ratio Lower Upper

112 100

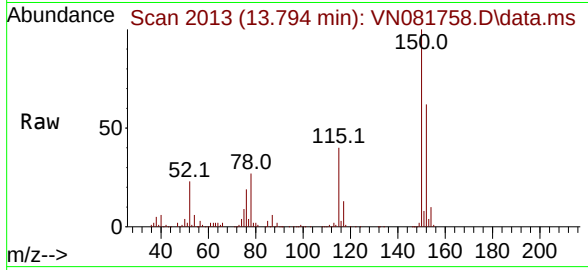
114 31.6 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081758.D
 Acq: 16 Apr 2024 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-01B-23-041024



Tgt Ion:	152	Resp:	164177
Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.4	91.3
150	160.3	0.0	353.2

