

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075849.D
 Acq On : 16 Dec 2022 15:50
 Operator : JC\MD
 Sample : N6076-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2A

Quant Time: Dec 17 08:40:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

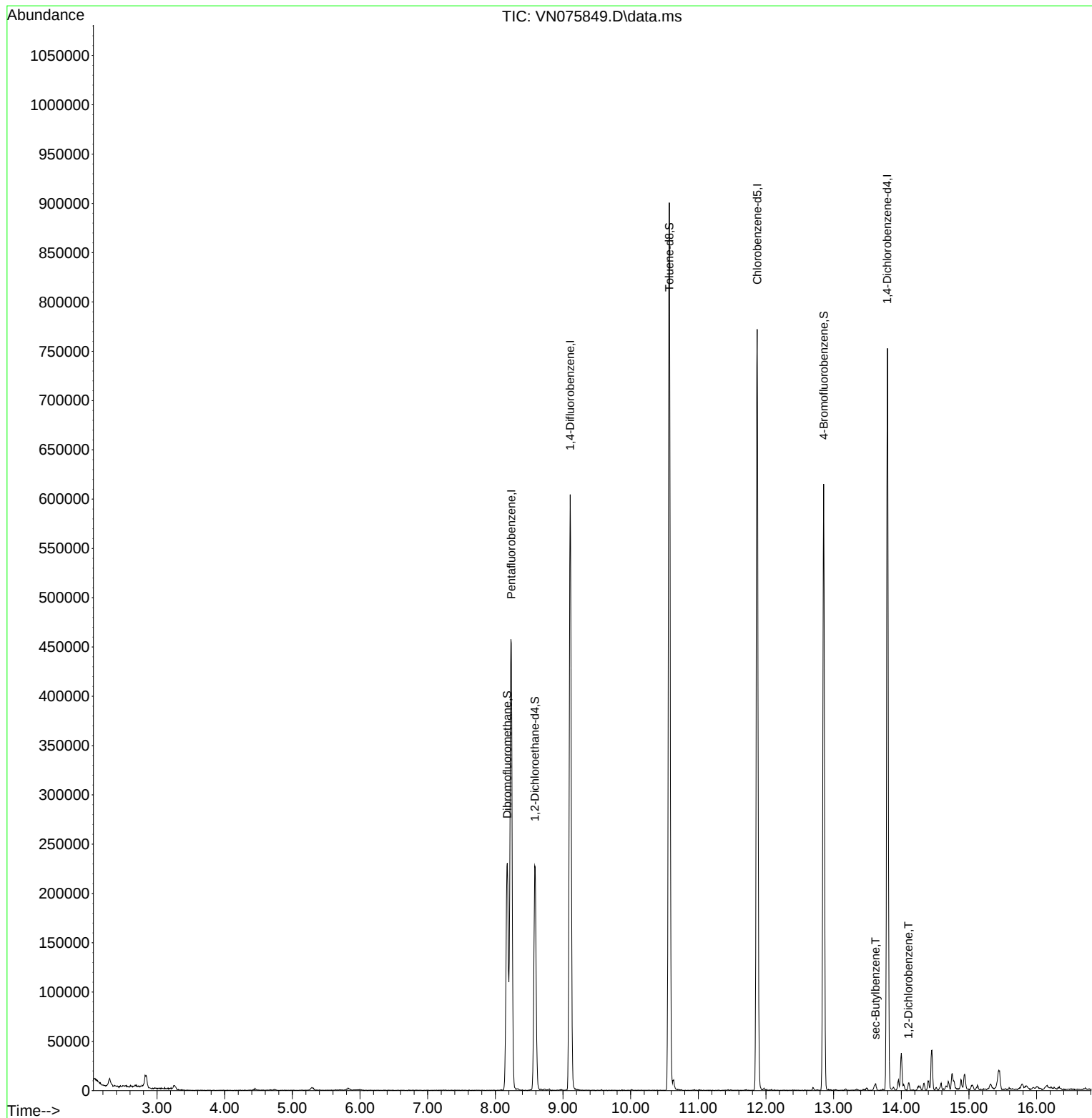
Internal Standards						
1) Pentafluorobenzene	8.236	168	364496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	484440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	184401	46.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.000%		
35) Dibromofluoromethane	8.177	113	166624	48.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.340%		
50) Toluene-d8	10.571	98	644373	49.827	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.660%		
62) 4-Bromofluorobenzene	12.853	95	203763	47.571	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.140%		
Target Compounds						
85) sec-Butylbenzene	13.618	105	4490	0.294	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	3419	0.495	ug/l	97

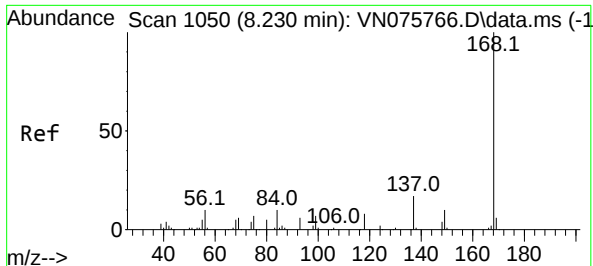
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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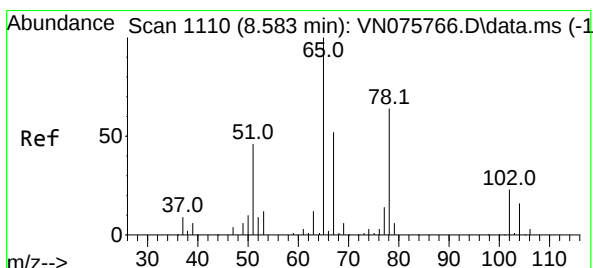
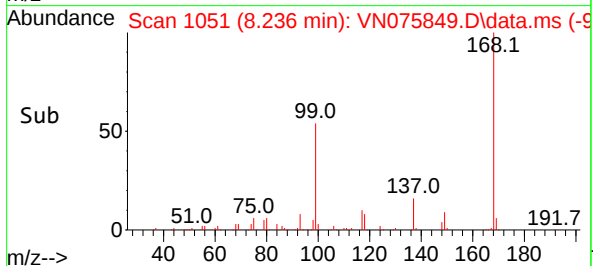
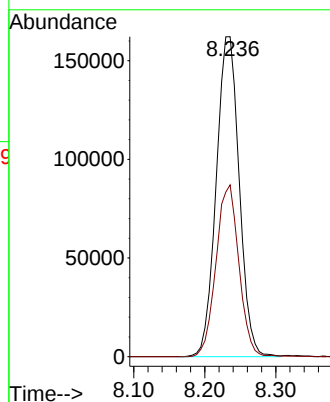
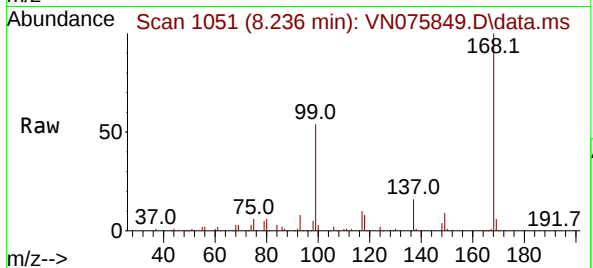




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

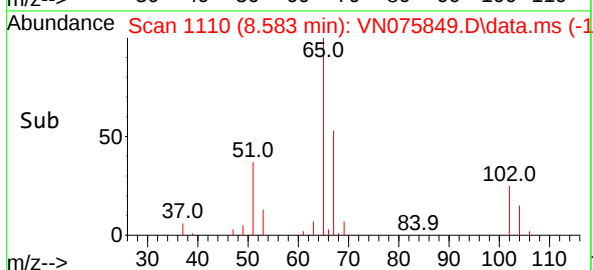
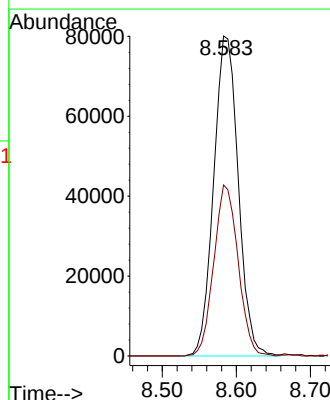
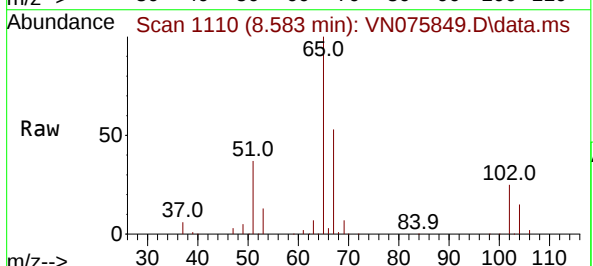
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

Tgt Ion:168 Resp: 364496
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.503 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion: 65 Resp: 184401
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075849.D

Acq: 16 Dec 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-2A

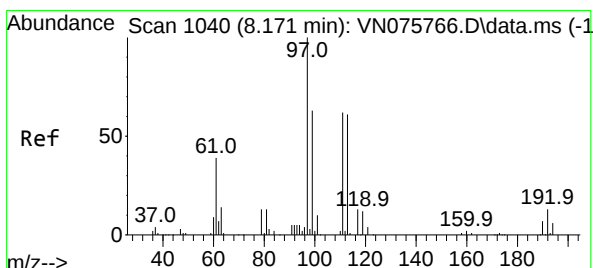
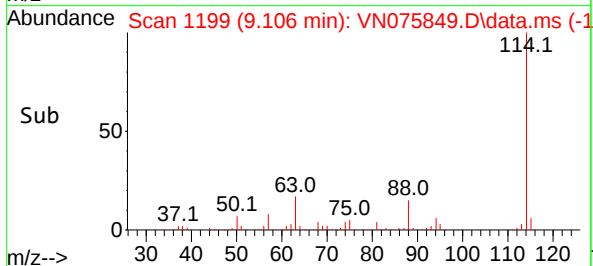
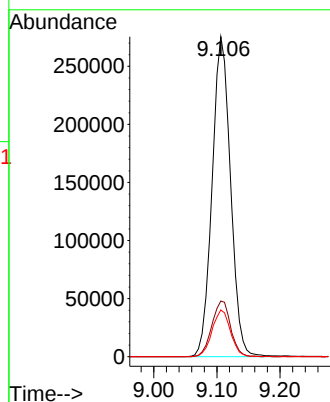
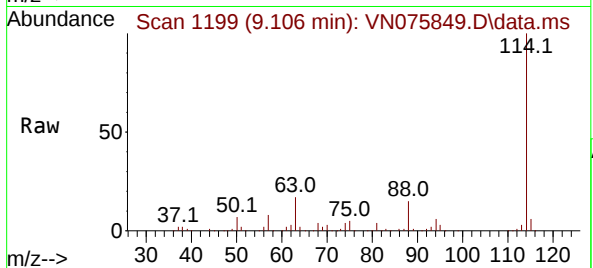
Tgt Ion:114 Resp: 558526

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.173 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075849.D

Acq: 16 Dec 2022 15:50

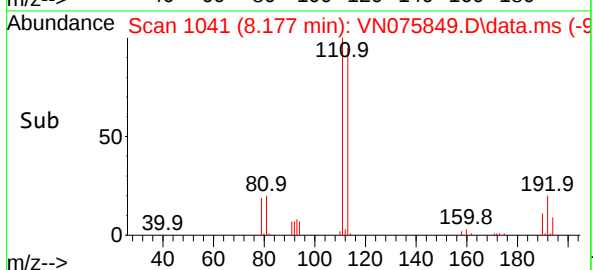
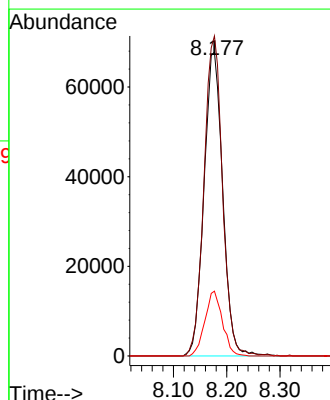
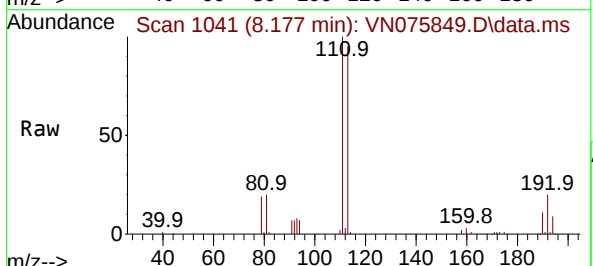
Tgt Ion:113 Resp: 166624

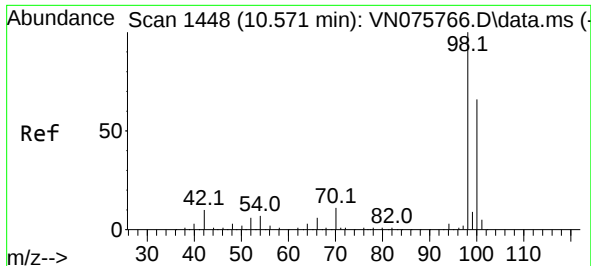
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 19.9 16.1 24.1

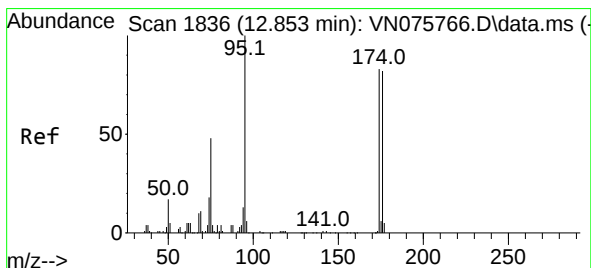
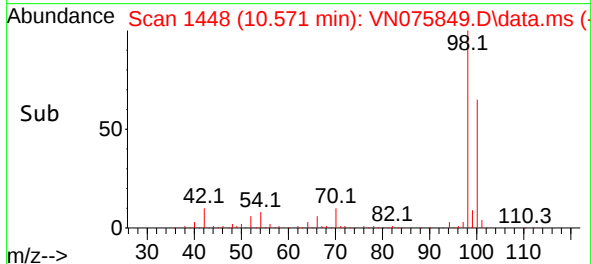
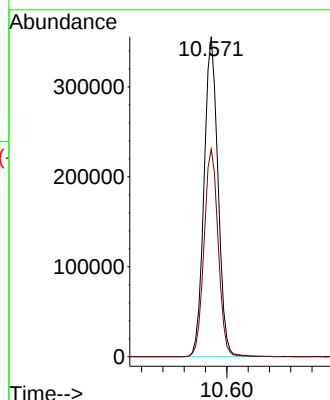
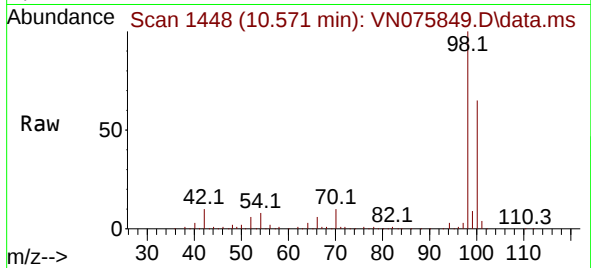




#50
Toluene-d8
Concen: 49.827 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

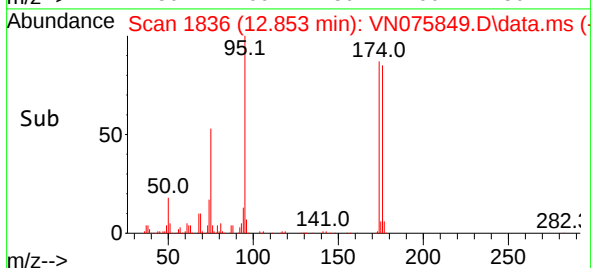
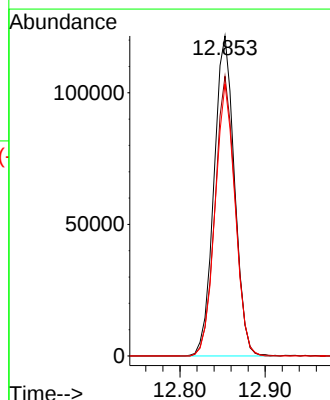
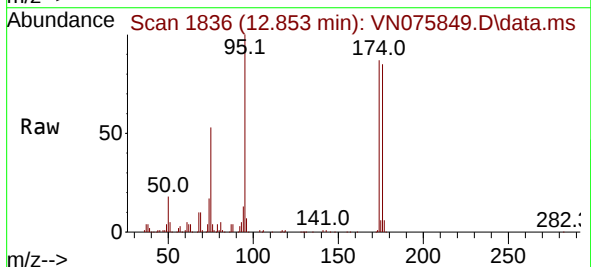
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

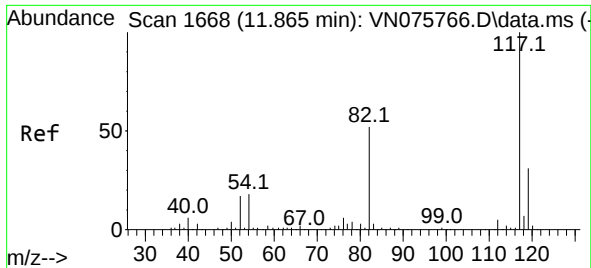
Tgt Ion: 98 Resp: 644373
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion: 95 Resp: 203763
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 82.9 0.0 169.2

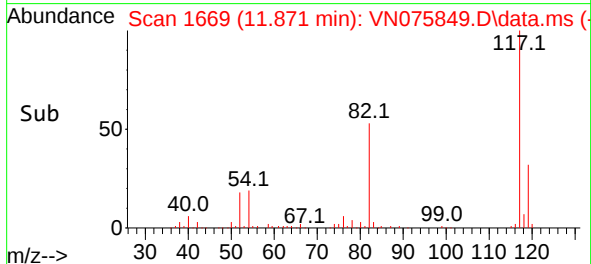
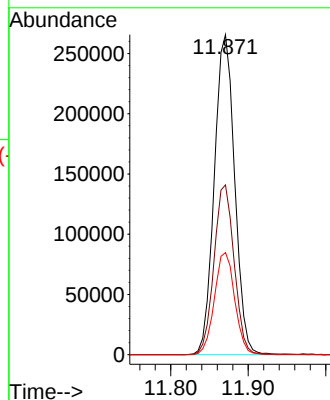
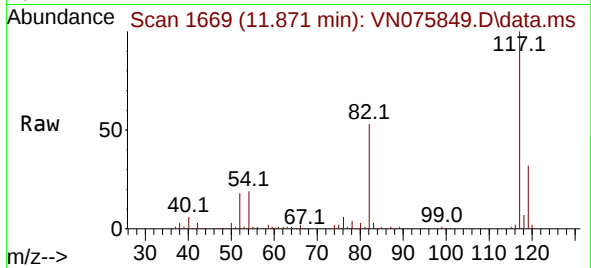




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

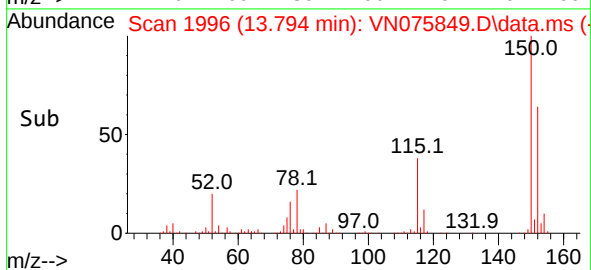
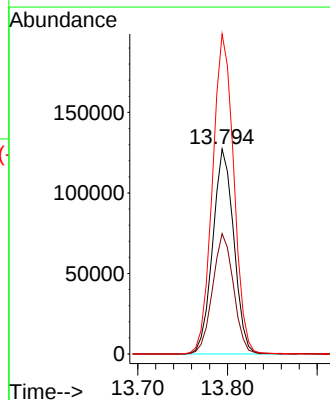
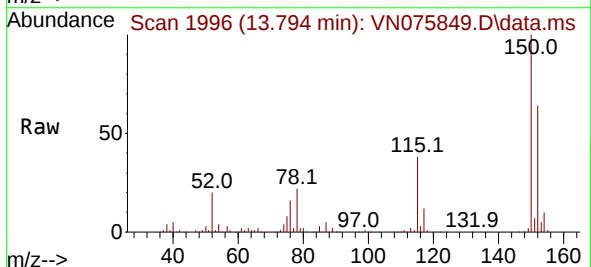
Instrument :
MSVOA_N
ClientSampleId :
MW-2A

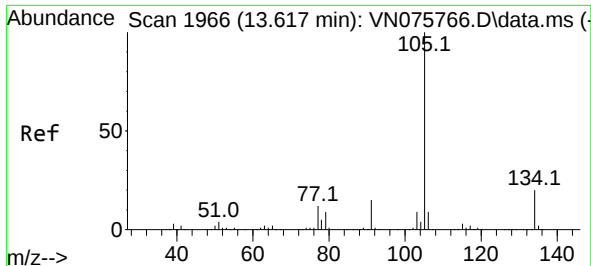
Tgt Ion:117 Resp: 484440
Ion Ratio Lower Upper
117 100
82 53.1 41.3 61.9
119 31.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075849.D
Acq: 16 Dec 2022 15:50

Tgt Ion:152 Resp: 207667
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 157.6 0.0 347.0

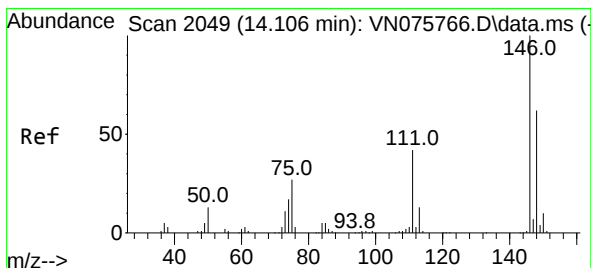
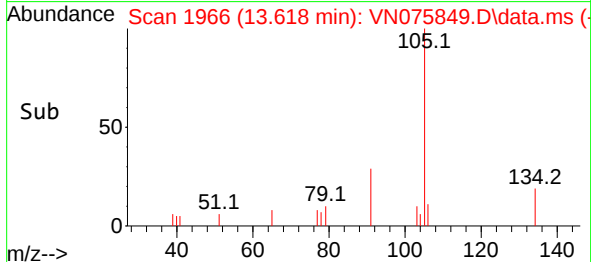
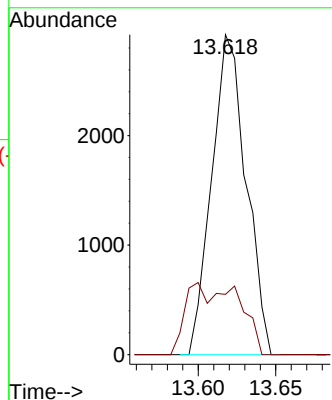
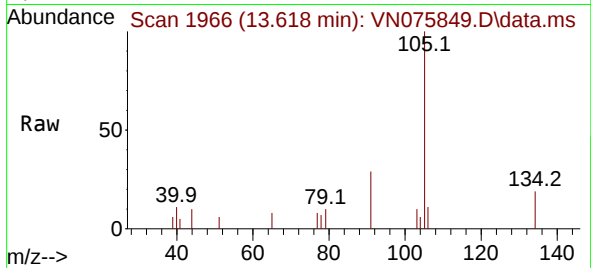




#85
 sec-Butylbenzene
 Concen: 0.294 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075849.D
 Acq: 16 Dec 2022 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2A

Tgt Ion:105 Resp: 4490
 Ion Ratio Lower Upper
 105 100
 134 15.2 10.1 30.1



#91
 1,2-Dichlorobenzene
 Concen: 0.495 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. 0.000 min
 Lab File: VN075849.D
 Acq: 16 Dec 2022 15:50

Tgt Ion:146 Resp: 3419
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.3 61.0
 148 60.6 31.7 95.1

