

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081754.D
 Acq On : 16 Apr 2024 13:15
 Operator : JC\MD
 Sample : P2070-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Apr 17 03:23:45 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)

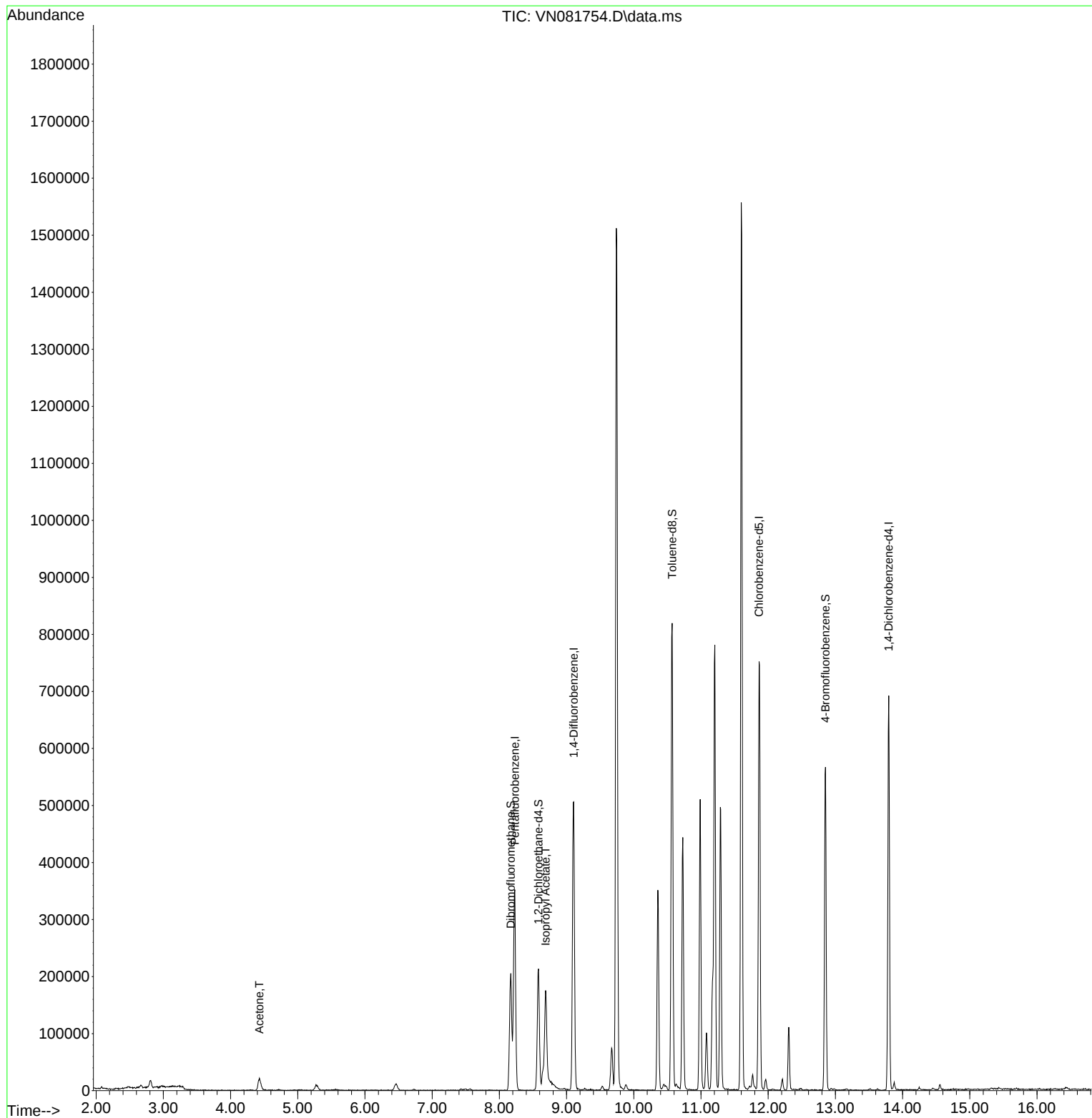
Internal Standards						
1) Pentafluorobenzene	8.229	168	248470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	456436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	442423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	174631	49.946	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
35) Dibromofluoromethane	8.171	113	141723	47.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	10.570	98	574756	51.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.853	95	196262	51.724	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	103.440%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	38664	39.732	ug/l	97
43) Isopropyl Acetate	8.688	43	229414	35.636	ug/l #	80

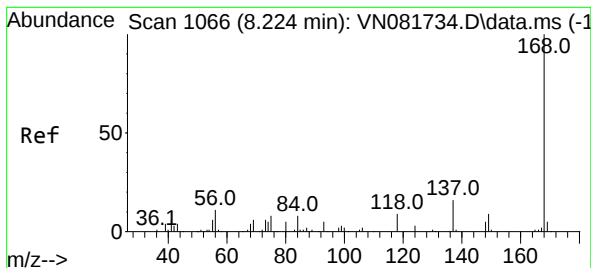
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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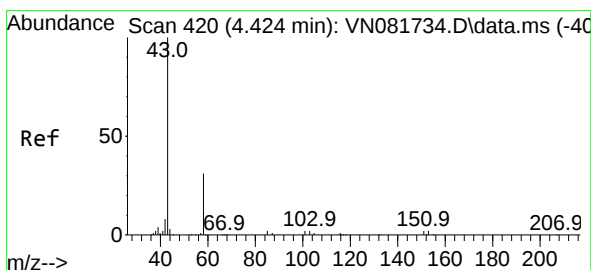
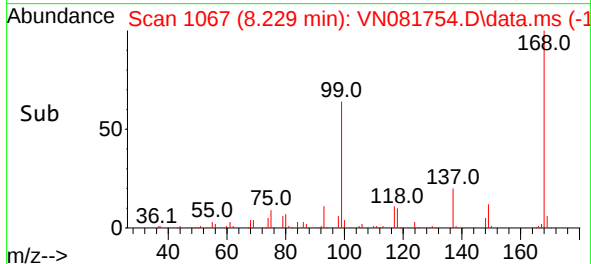
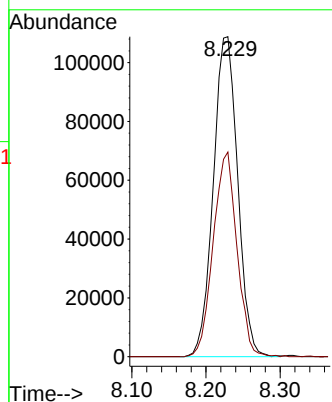
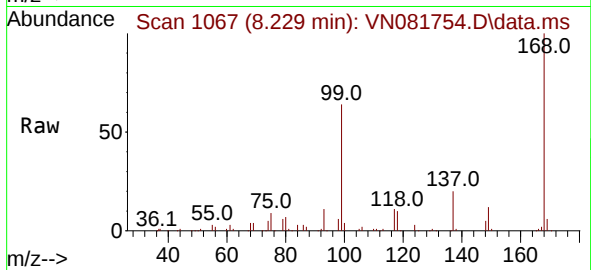




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081754.D
Acq: 16 Apr 2024 13:15

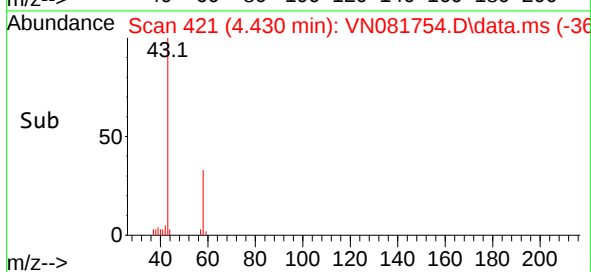
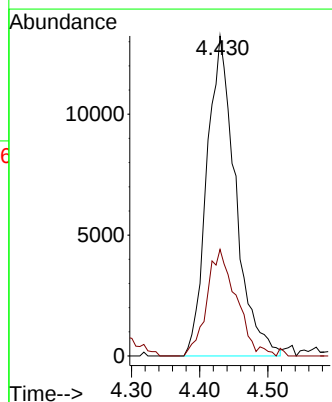
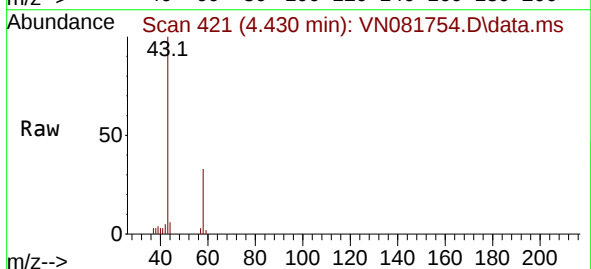
Instrument :
MSVOA_N
ClientSampleId :
TP-1

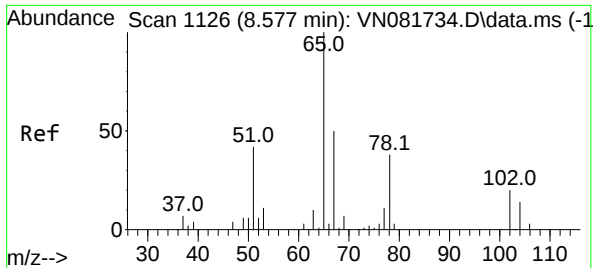
Tgt Ion:168 Resp: 248470
Ion Ratio Lower Upper
168 100
99 63.9 48.2 72.4



#16
Acetone
Concen: 39.732 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081754.D
Acq: 16 Apr 2024 13:15

Tgt Ion: 43 Resp: 38664
Ion Ratio Lower Upper
43 100
58 33.3 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 49.946 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN081754.D

Acq: 16 Apr 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

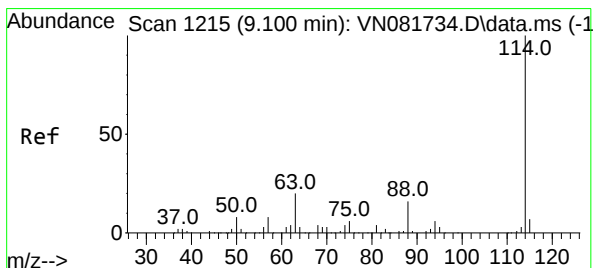
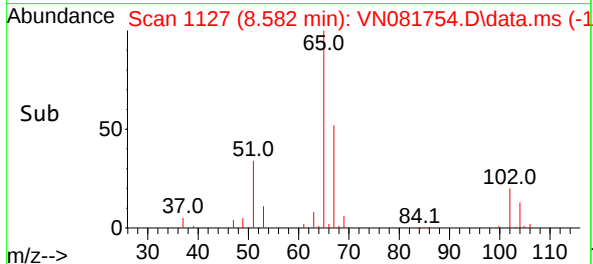
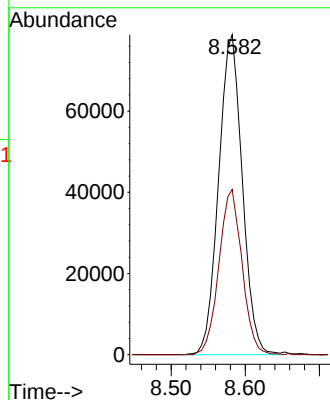
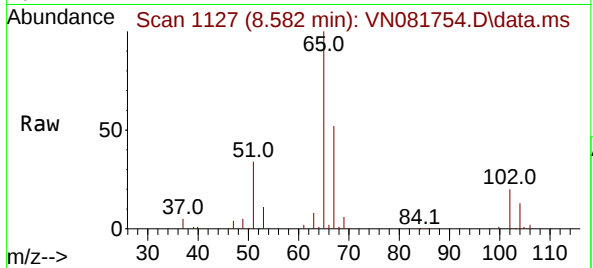
TP-1

Tgt Ion: 65 Resp: 174631

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081754.D

Acq: 16 Apr 2024 13:15

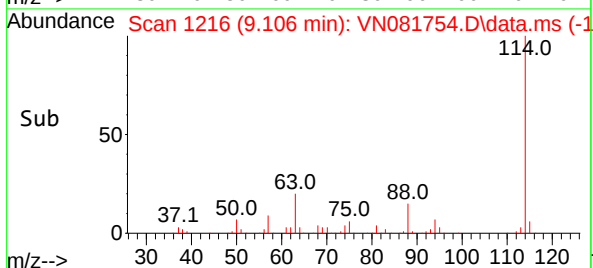
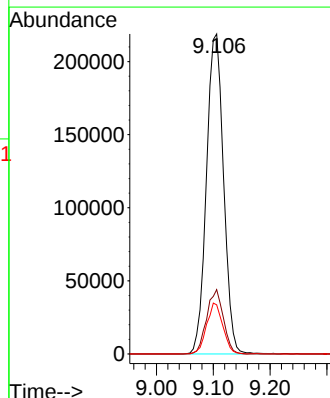
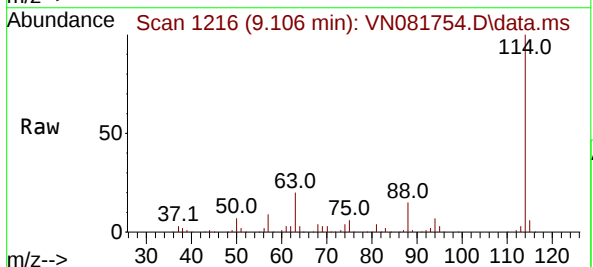
Tgt Ion: 114 Resp: 456436

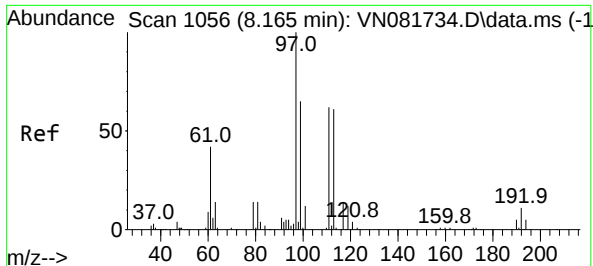
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.0

88 15.4 0.0 31.4

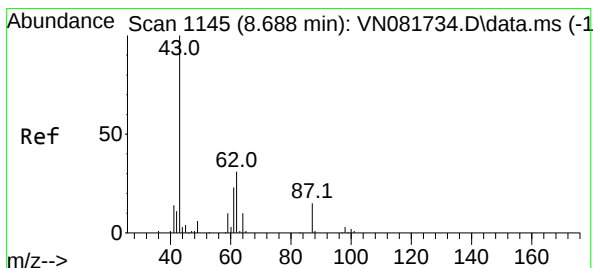
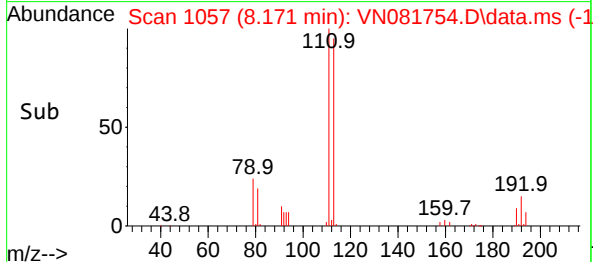
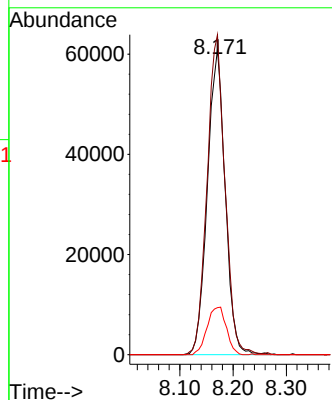
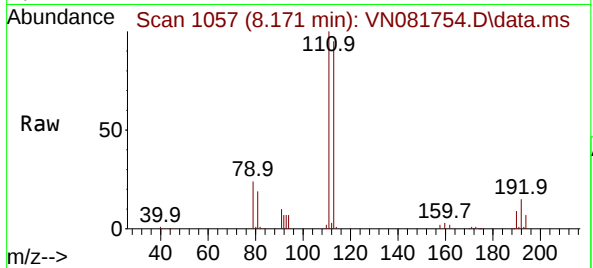




#35
 Dibromofluoromethane
 Concen: 47.021 ug/l
 RT: 8.171 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: VN081754.D
 Acq: 16 Apr 2024 13:15

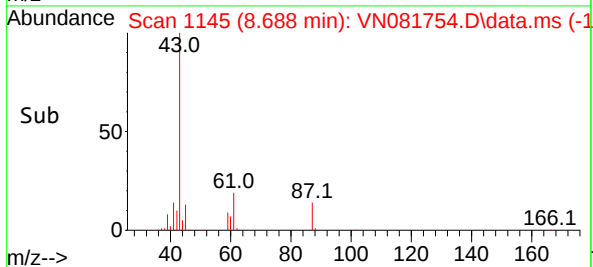
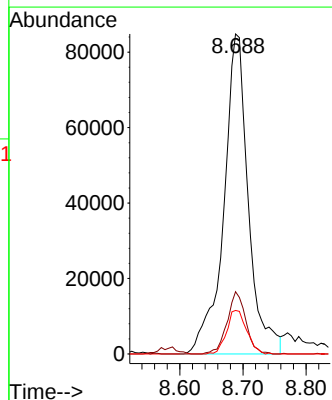
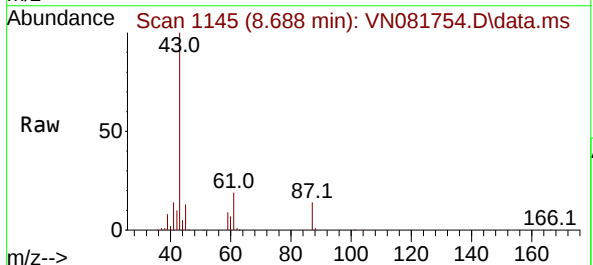
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

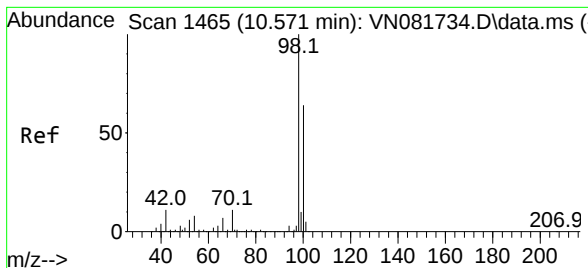
Tgt Ion:113 Resp: 141723
 Ion Ratio Lower Upper
 113 100
 111 105.4 83.4 125.2
 192 16.8 14.0 21.0



#43
 Isopropyl Acetate
 Concen: 35.636 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VN081754.D
 Acq: 16 Apr 2024 13:15

Tgt Ion: 43 Resp: 229414
 Ion Ratio Lower Upper
 43 100
 61 14.7 22.8 34.2#
 87 11.1 12.0 18.0#

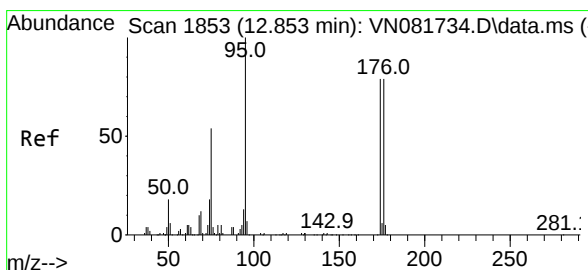
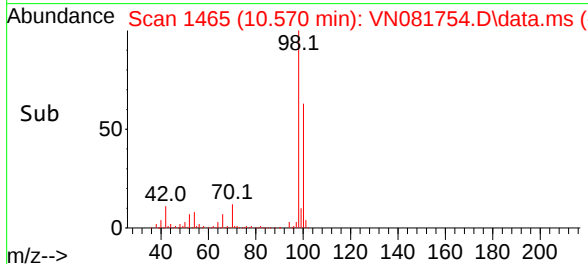
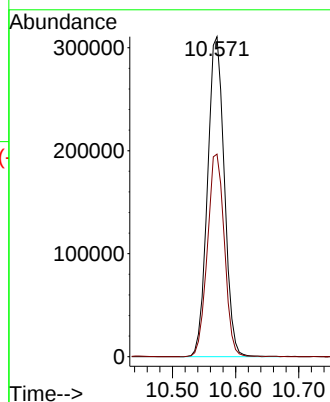
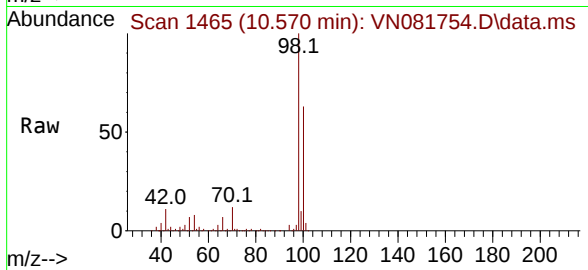




#50
Toluene-d8
Concen: 51.763 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN081754.D
Acq: 16 Apr 2024 13:15

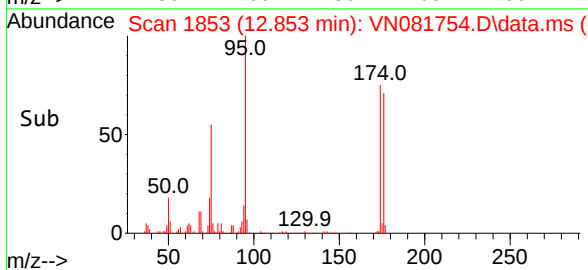
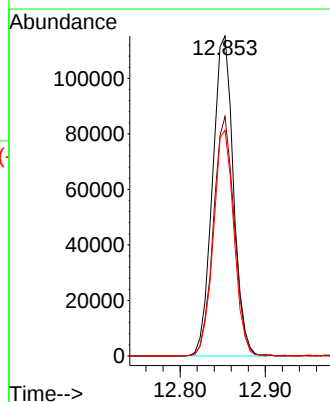
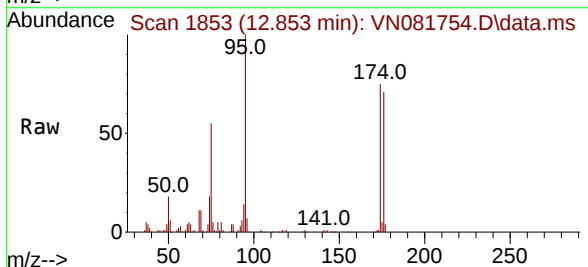
Instrument :
MSVOA_N
ClientSampleId :
TP-1

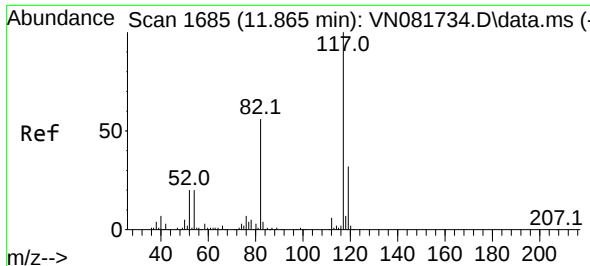
Tgt Ion: 98 Resp: 574756
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.724 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081754.D
Acq: 16 Apr 2024 13:15

Tgt Ion: 95 Resp: 196262
Ion Ratio Lower Upper
95 100
174 74.5 0.0 160.6
176 69.6 0.0 152.8

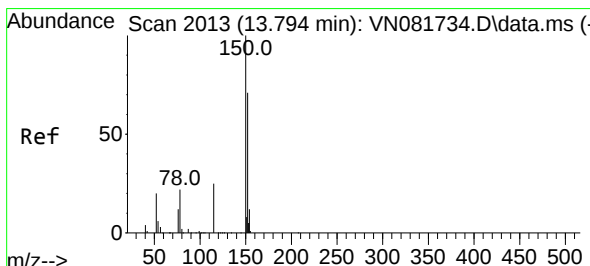
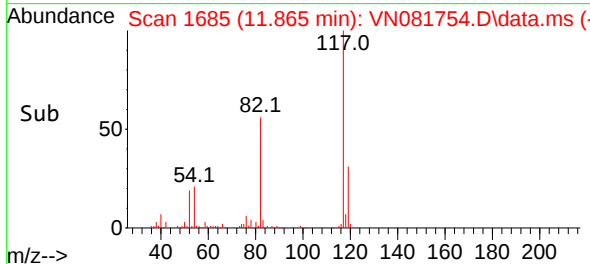
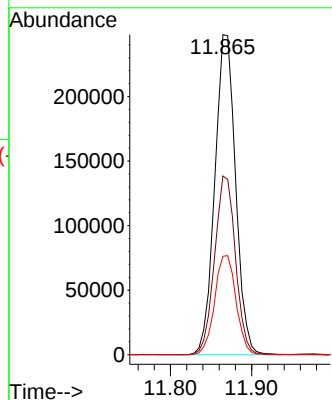
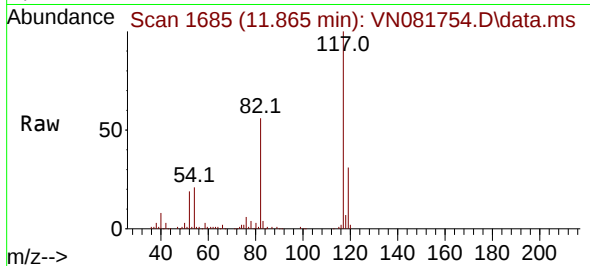




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081754.D
Acq: 16 Apr 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 442423
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 30.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081754.D
Acq: 16 Apr 2024 13:15

Tgt Ion:152 Resp: 180853
Ion Ratio Lower Upper
152 100
115 62.9 30.4 91.3
150 158.7 0.0 353.2

