

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081788.D
 Acq On : 18 Apr 2024 15:30
 Operator : JC\MD
 Sample : P2121-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4825

Quant Time: Apr 19 01:24:54 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	253580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	449857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	423909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	179196	50.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.440%
35) Dibromofluoromethane	8.171	113	147263	49.573	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	10.570	98	557654	50.957	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.853	95	201587	53.904	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.800%

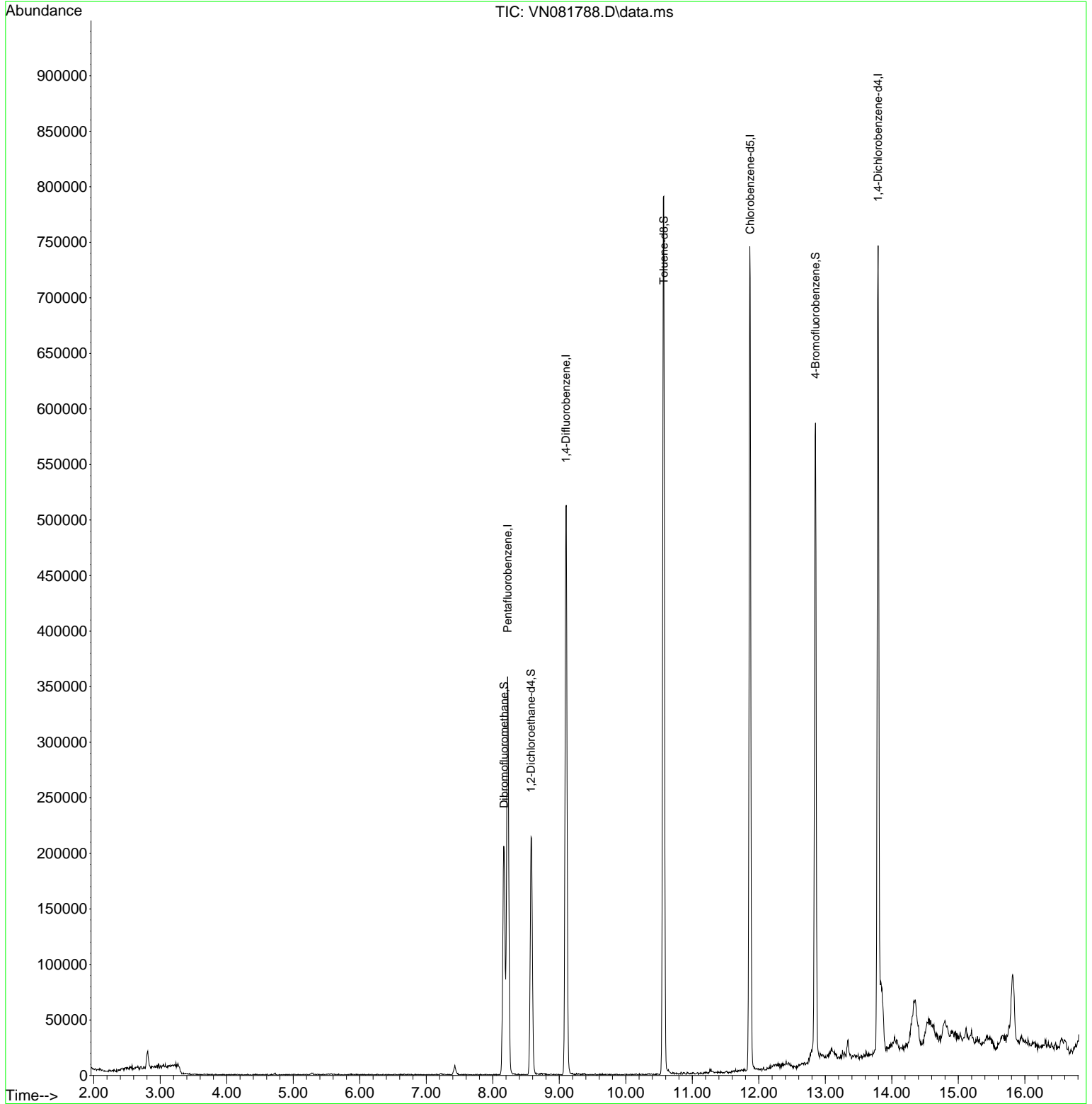
Target Compounds Qvalue

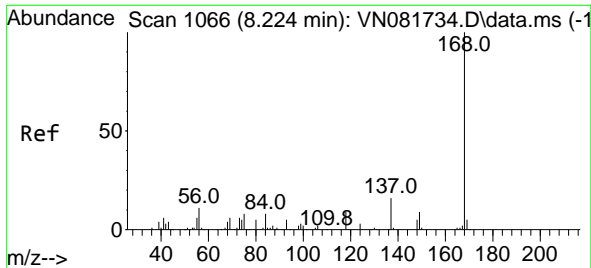
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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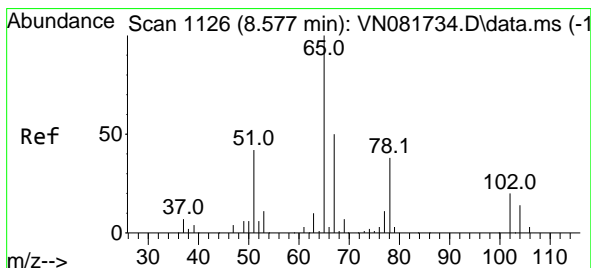
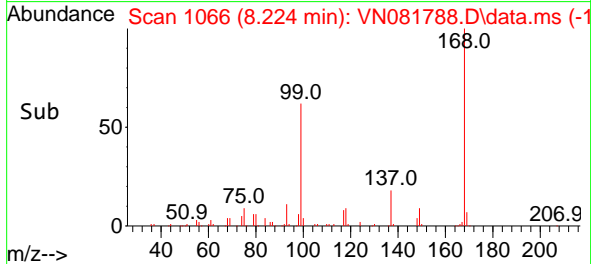
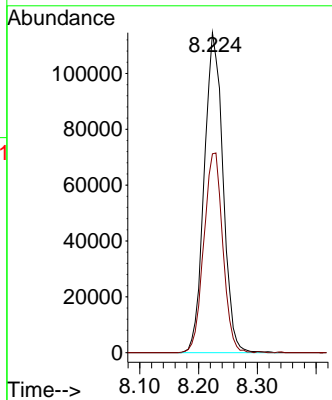
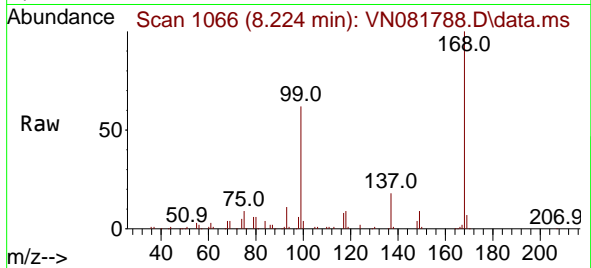




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN081788.D
 Acq: 18 Apr 2024 15:30

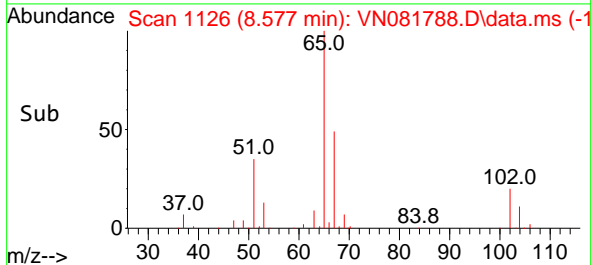
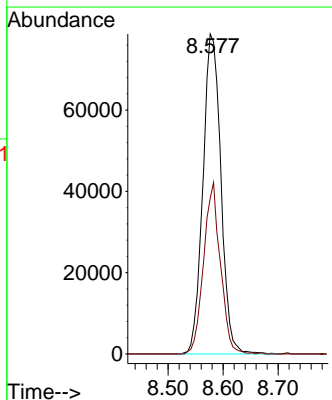
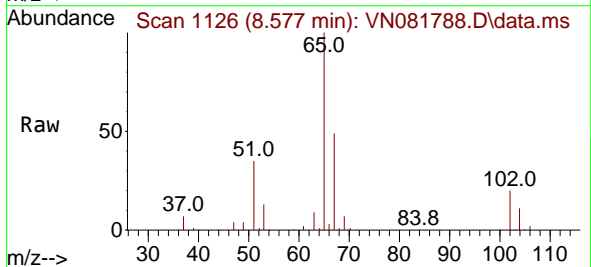
Instrument : MSVOA_N
 ClientSampleId : 4825

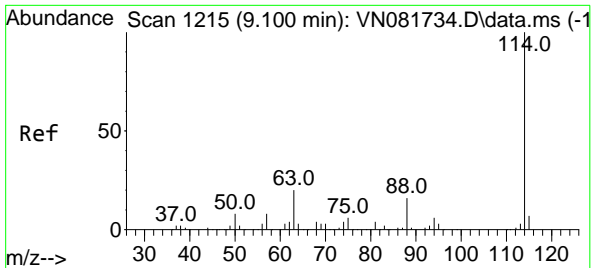
Tgt Ion:168 Resp: 253580
 Ion Ratio Lower Upper
 168 100
 99 62.2 48.2 72.4



#33
 1,2-Dichloroethane-d4
 Concen: 50.219 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN081788.D
 Acq: 18 Apr 2024 15:30

Tgt Ion: 65 Resp: 179196
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.0

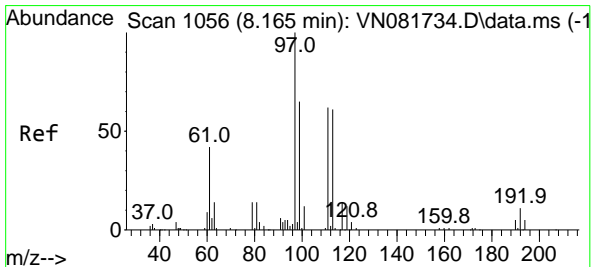
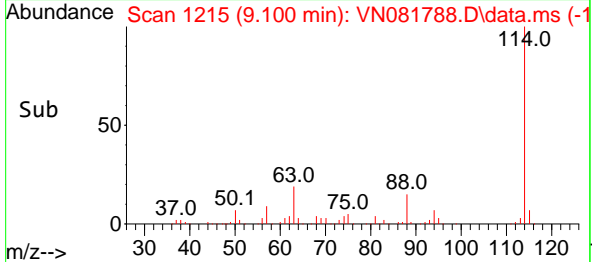
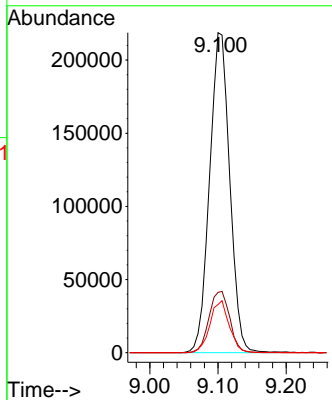
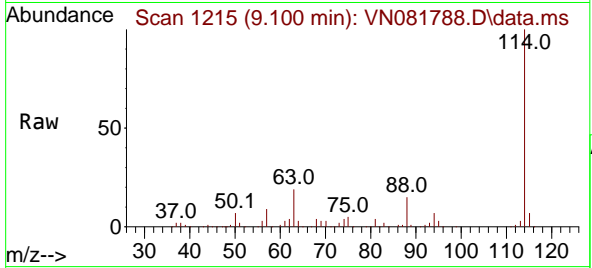




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN081788.D
 Acq: 18 Apr 2024 15:30

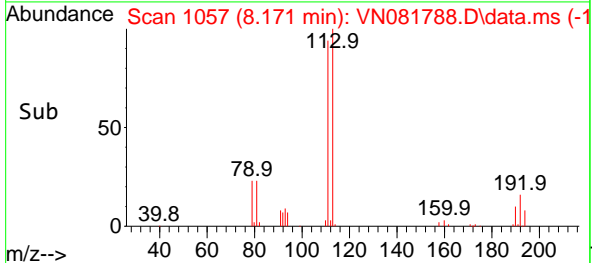
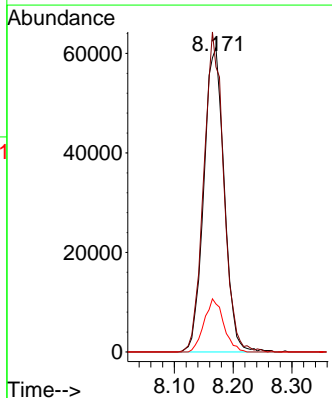
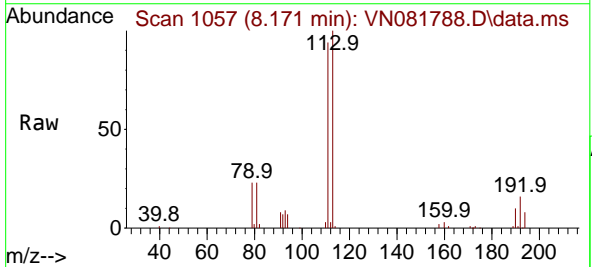
Instrument :
 MSVOA_N
 ClientSampleId :
 4825

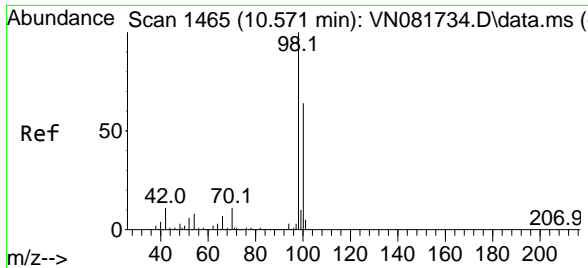
Tgt Ion	Resp	Ion Ratio	Lower	Upper
114	449857	100		
63	18.9	0.0	0.0	41.0
88	15.0	0.0	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 49.573 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN081788.D
 Acq: 18 Apr 2024 15:30

Tgt Ion	Resp	Ion Ratio	Lower	Upper
113	147263	100		
111	102.8	83.4	83.4	125.2
192	16.7	14.0	14.0	21.0

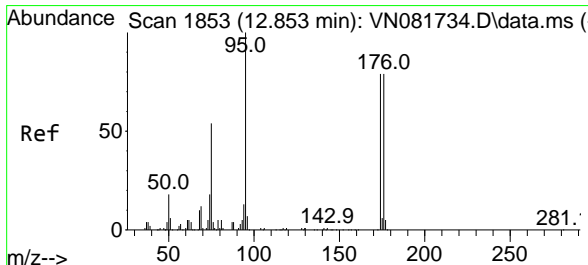
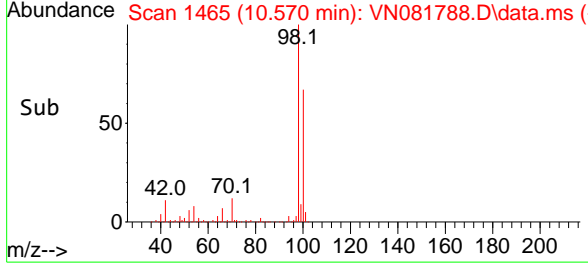
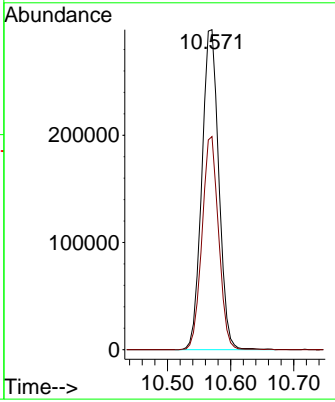
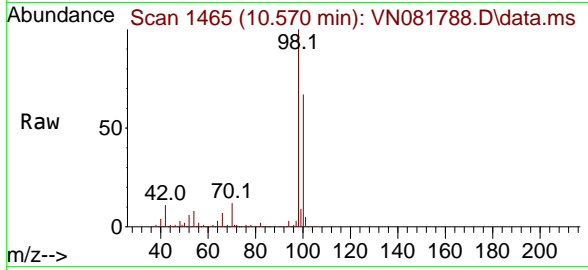




#50
 Toluene-d8
 Concen: 50.957 ug/l
 RT: 10.570 min Scan# 1465
 Delta R.T. -0.001 min
 Lab File: VN081788.D
 Acq: 18 Apr 2024 15:30

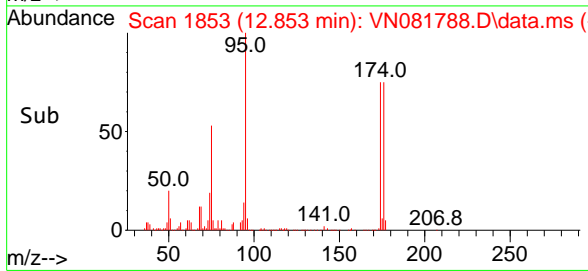
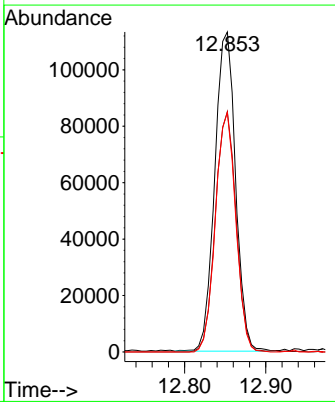
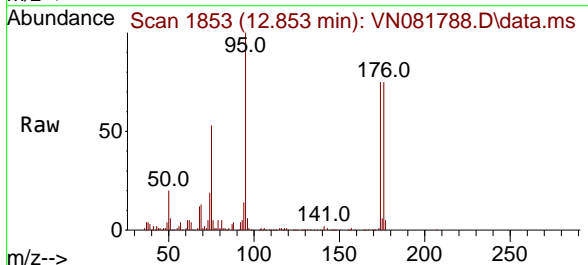
Instrument : MSVOA_N
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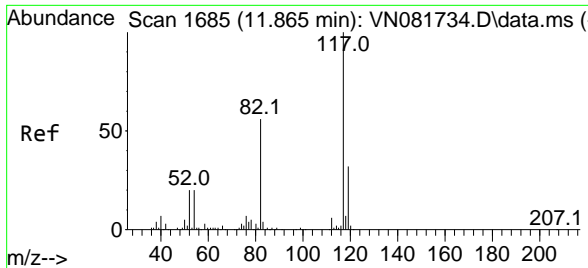
Tgt Ion: 98 Resp: 557654
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.6



#62
 4-Bromofluorobenzene
 Concen: 53.904 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN081788.D
 Acq: 18 Apr 2024 15:30

Tgt Ion: 95 Resp: 201587
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 160.6
 176 73.5 0.0 152.8

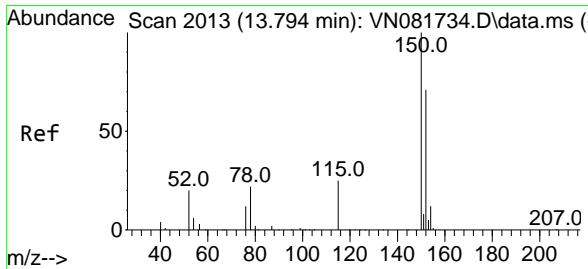
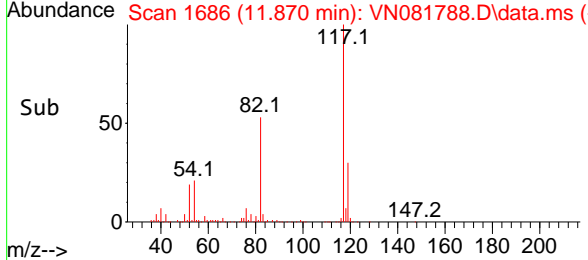
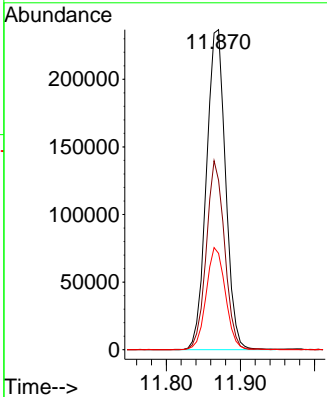
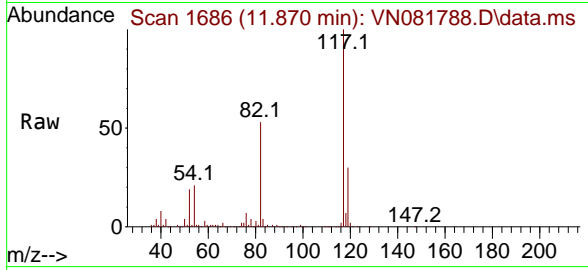




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 117
 Delta R.T. 0.005 min
 Lab File: VN081788.D
 Acq: 18 Apr 2024 15:30

Instrument : MSVOA_N
 ClientSampleId : 4825

Tgt Ion	Resp	Ion Ratio	Lower	Upper
117	423909	100		
82	52.8	44.6	66.8	
119	30.1	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: VN081788.D
 Acq: 18 Apr 2024 15:30

Tgt Ion	Resp	Ion Ratio	Lower	Upper
152	189797	100		
115	61.8	30.4	91.3	
150	158.6	0.0	353.2	

