

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084033.D
 Acq On : 19 Sep 2024 14:42
 Operator : JC\MD
 Sample : VN0919WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0919WBL01

Quant Time: Sep 20 01:30:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124086	50.563	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.120%	
35) Dibromofluoromethane	8.165	113	87971	49.728	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.460%	
50) Toluene-d8	10.565	98	327428	53.539	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	107.080%	
62) 4-Bromofluorobenzene	12.847	95	119551	47.381	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.760%	

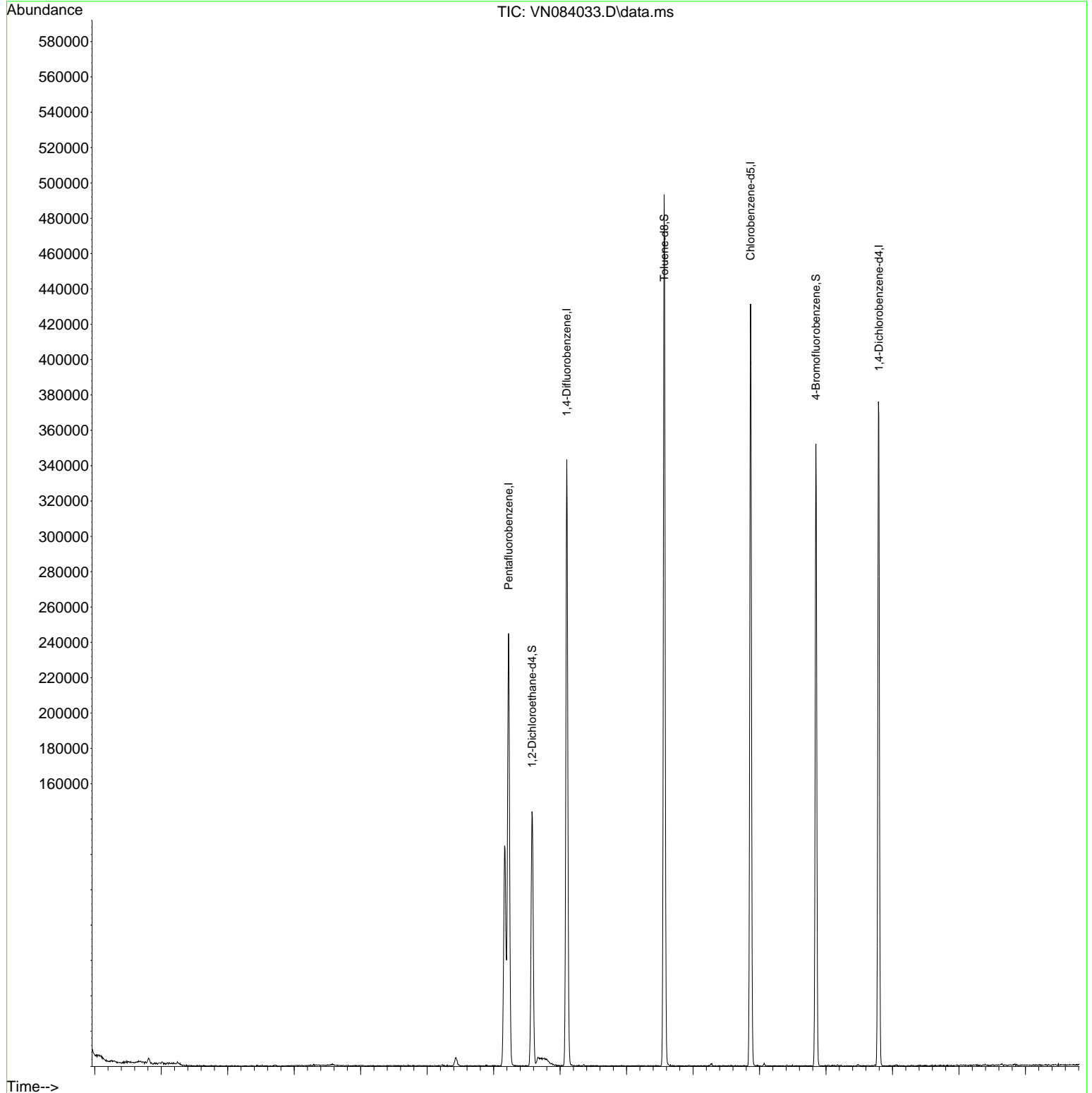
Target Compounds Qvalue

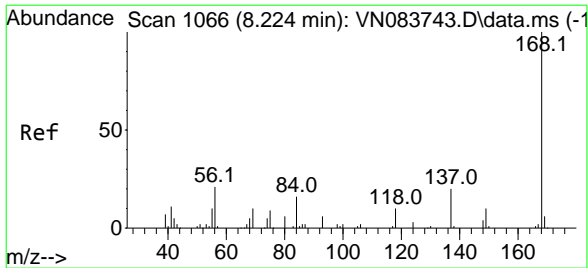
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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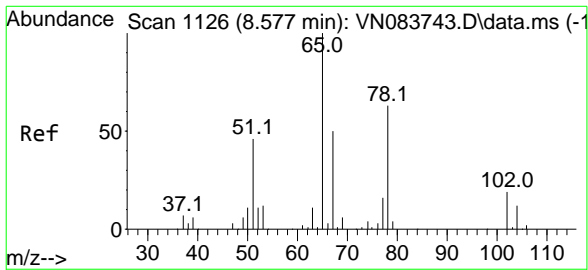
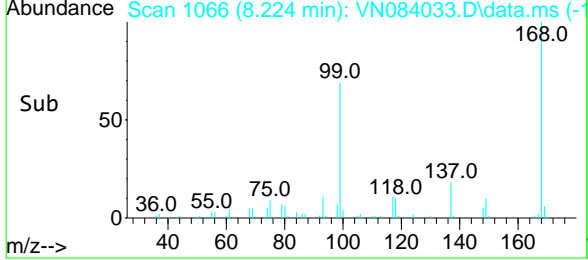
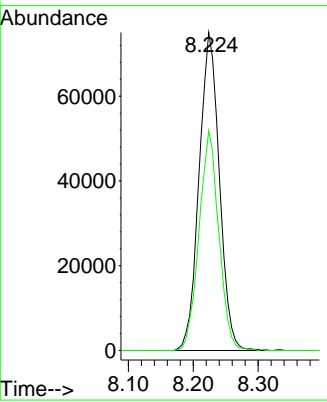
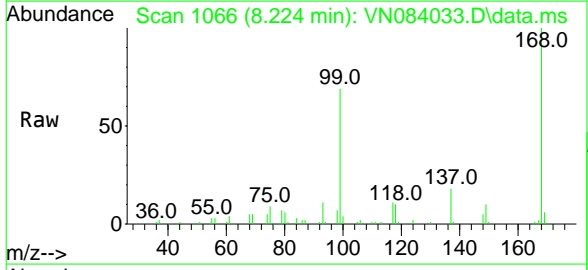




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084033.D
 Acq: 19 Sep 2024 14:42

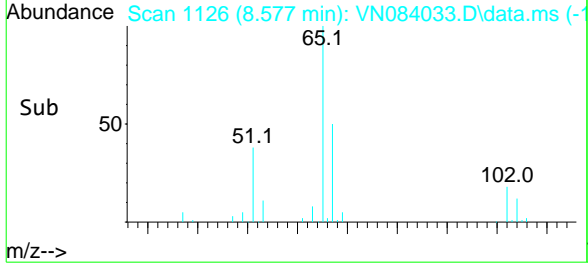
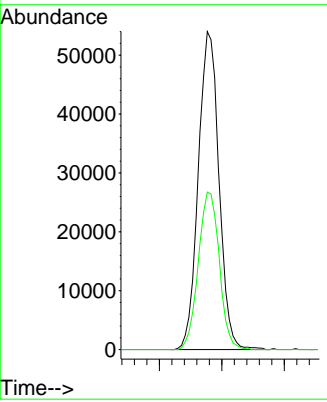
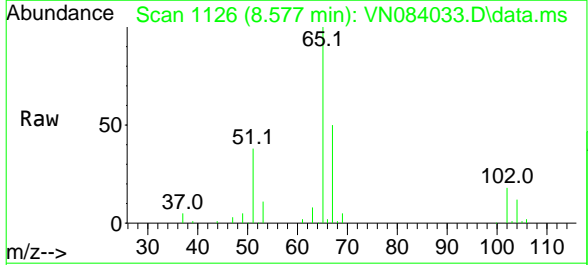
Instrument : MSVOA_N
 ClientSampleId : VN0919WBL01

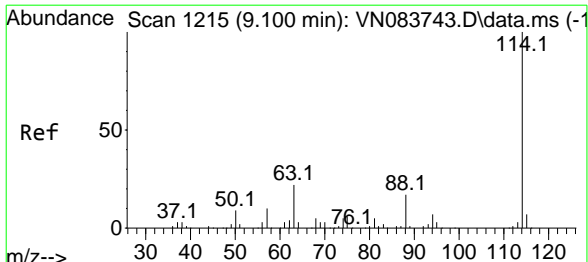
Tgt Ion: 168 Resp: 162753
 Ion Ratio Lower Upper
 168 100
 99 69.1 54.2 81.2



#33
 1,2-Dichloroethane-d4
 Concen: 50.563 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084033.D
 Acq: 19 Sep 2024 14:42

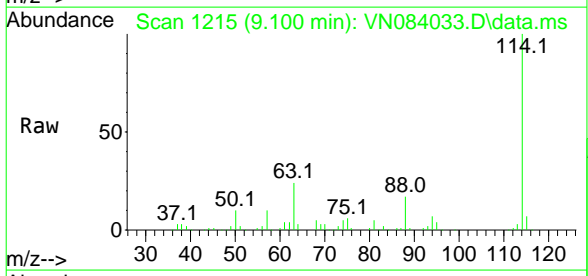
Tgt Ion: 65 Resp: 124086
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.8





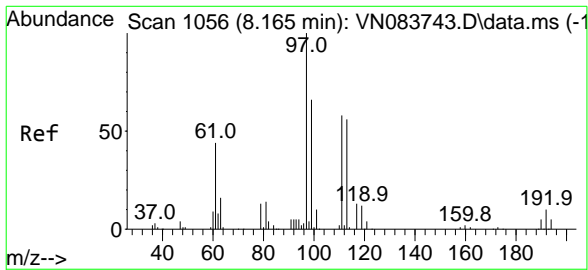
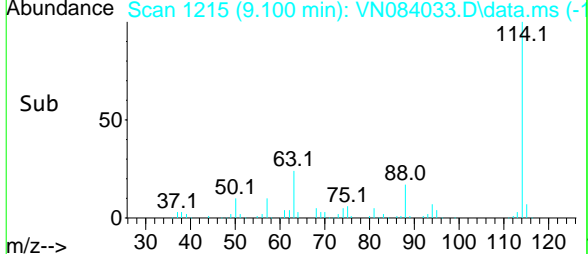
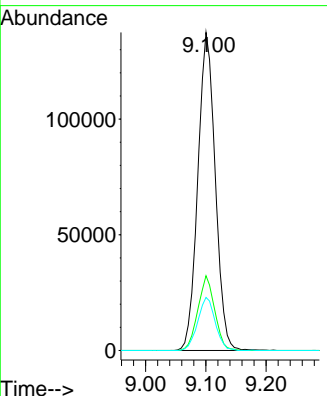
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084033.D
 Acq: 19 Sep 2024 14:42

Instrument : MSVOA_N
 ClientSampleId : VN0919WBL01



Tgt Ion: 114 Resp: 276332

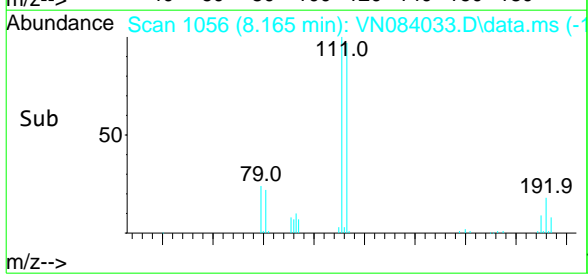
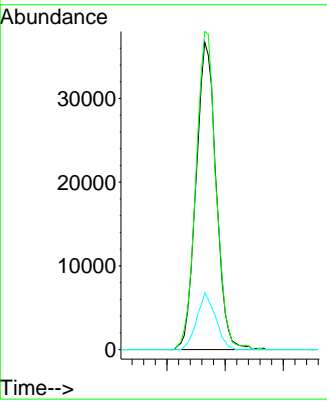
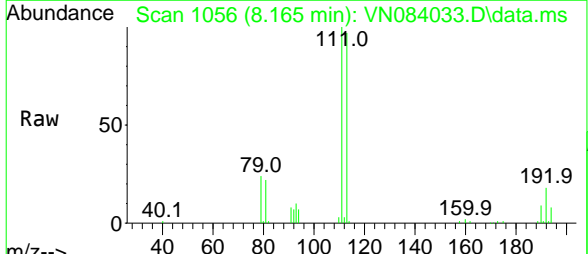
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	43.4
88	16.7	0.0	32.6

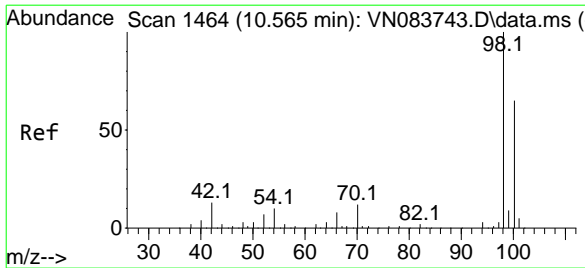


#35
 Dibromofluoromethane
 Concen: 49.728 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084033.D
 Acq: 19 Sep 2024 14:42

Tgt Ion: 113 Resp: 87971

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	17.2	14.3	21.5

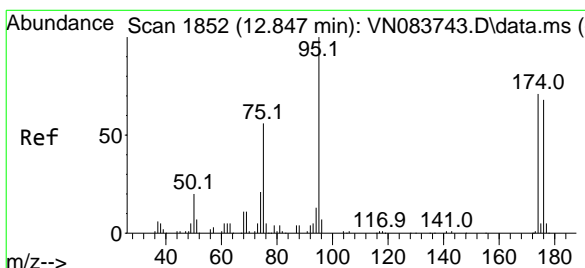
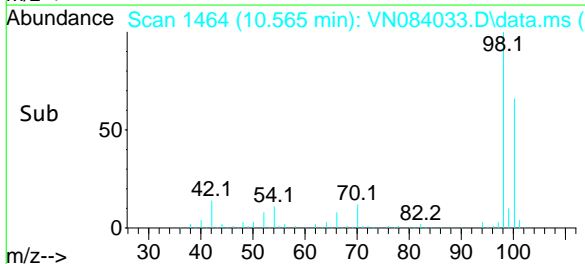
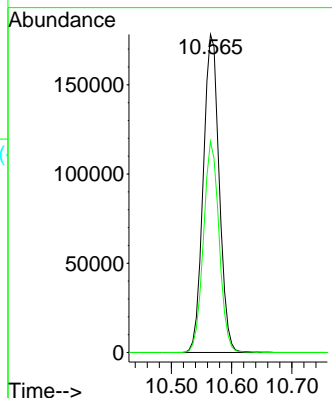
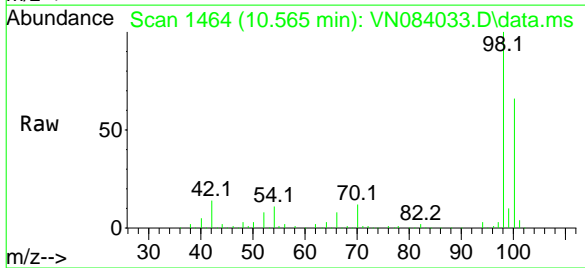




#50
 Toluene-d8
 Concen: 53.539 ug/l
 RT: 10.565 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VN084033.D
 Acq: 19 Sep 2024 14:42

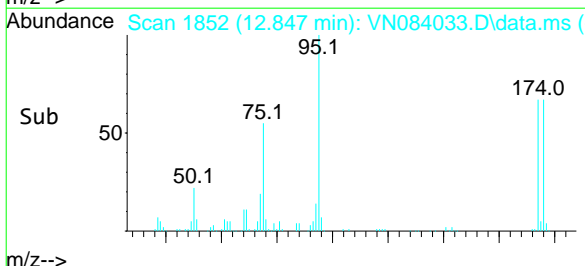
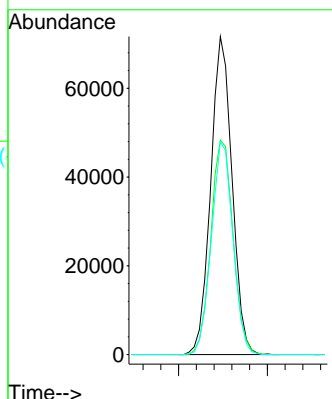
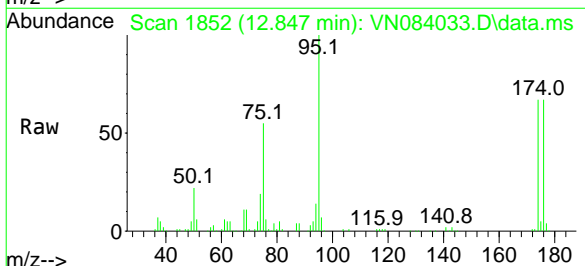
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBL01

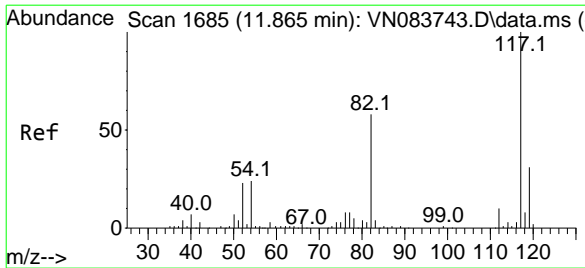
Tgt Ion: 98 Resp: 327428
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.0 78.0



#62
 4-Bromofluorobenzene
 Concen: 47.381 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN084033.D
 Acq: 19 Sep 2024 14:42

Tgt Ion: 95 Resp: 119551
 Ion Ratio Lower Upper
 95 100
 174 70.1 0.0 139.8
 176 67.6 0.0 131.4

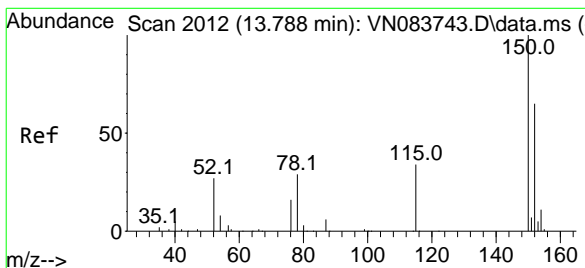
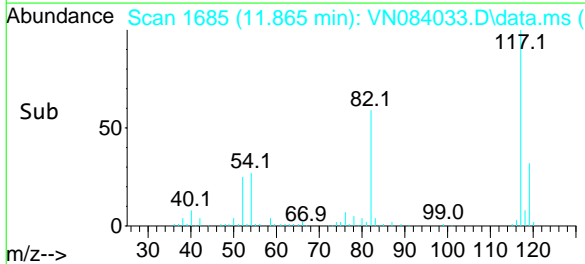
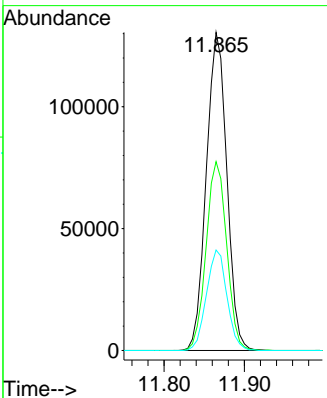
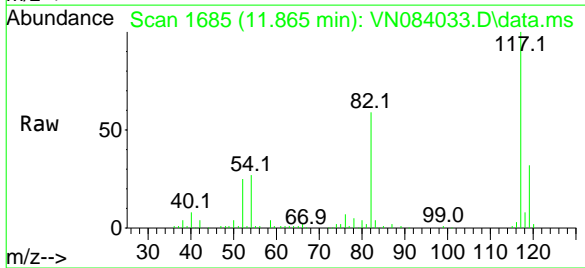




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VN084033.D
 Acq: 19 Sep 2024 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBL01

Tgt Ion	Resp	Ion Ratio	Lower	Upper
117	231761	100		
82	59.4	47.4	71.0	
119	31.6	26.3	39.5	



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN084033.D
 Acq: 19 Sep 2024 14:42

Tgt Ion	Resp	Ion Ratio	Lower	Upper
152	94954	100		
115	65.7	32.2	96.6	
150	159.8	0.0	348.6	

