

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075982.D
 Acq On : 27 Dec 2022 12:47
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 28 04:44:29 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	8.230	168	340487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	466025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	174989	47.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.480%
35) Dibromofluoromethane	8.171	113	160017	48.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	10.571	98	614748	49.679	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.853	95	197656	48.226	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%

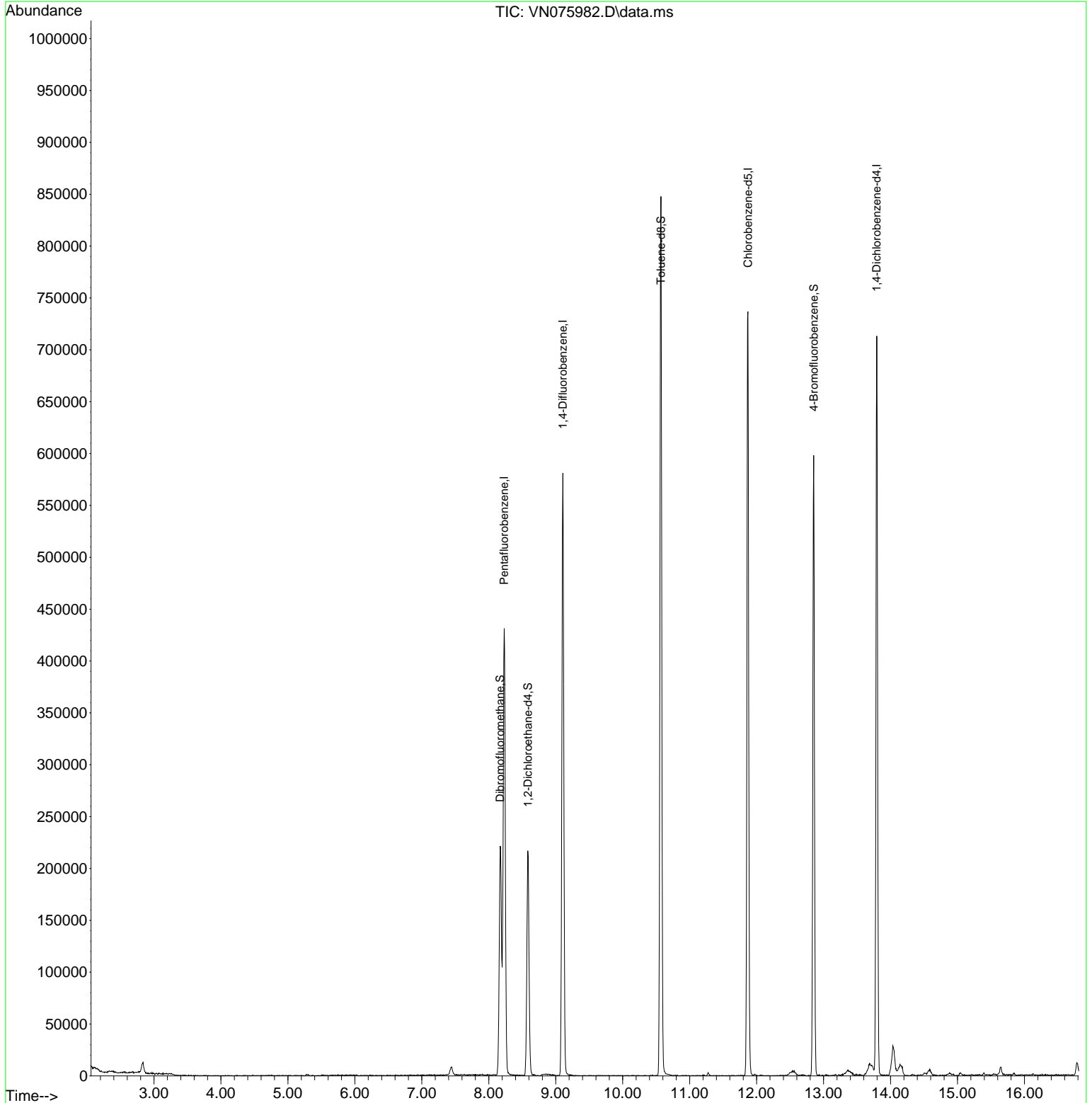
Target Compounds Qvalue

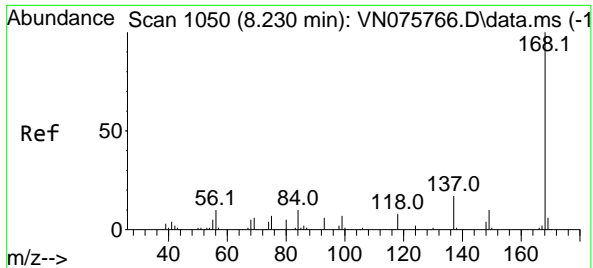
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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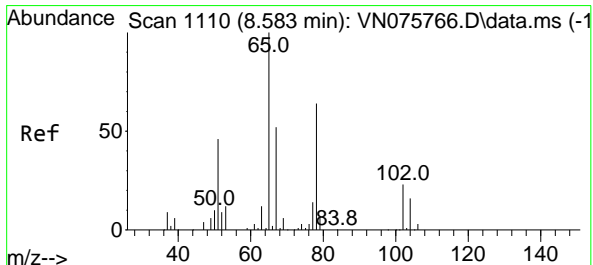
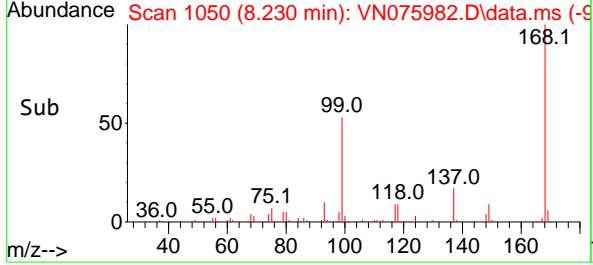
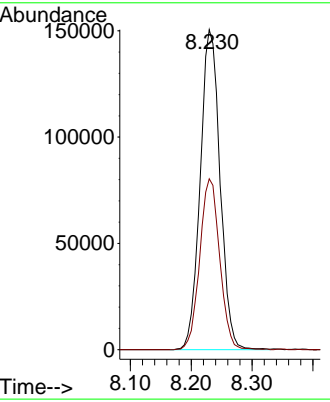
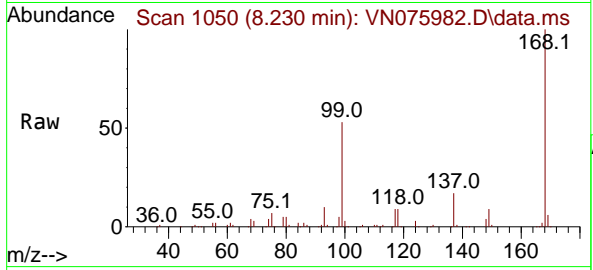




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VN075982.D
 Acq: 27 Dec 2022 12:47

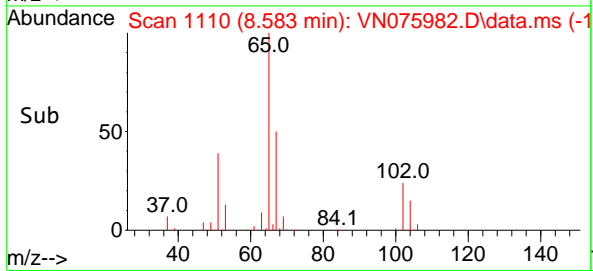
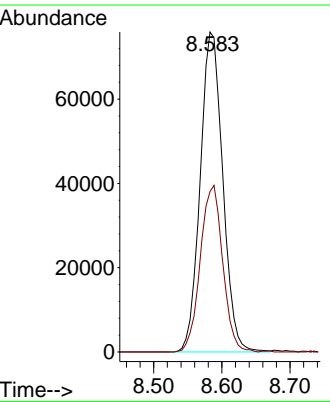
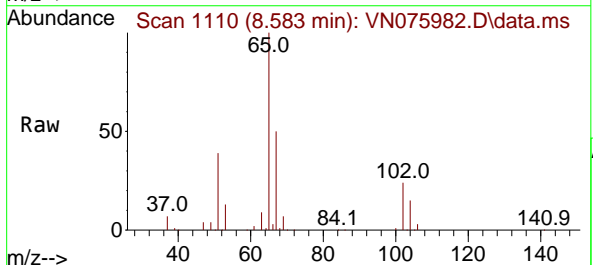
Instrument : MSVOA_N
 ClientSampleId : IBLK

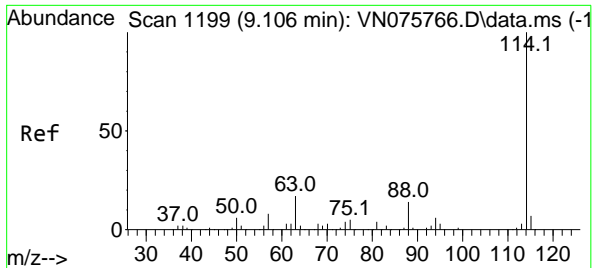
Tgt Ion:168 Resp: 340487
 Ion Ratio Lower Upper
 168 100
 99 53.4 44.2 66.4



#33
 1,2-Dichloroethane-d4
 Concen: 47.241 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN075982.D
 Acq: 27 Dec 2022 12:47

Tgt Ion: 65 Resp: 174989
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.4

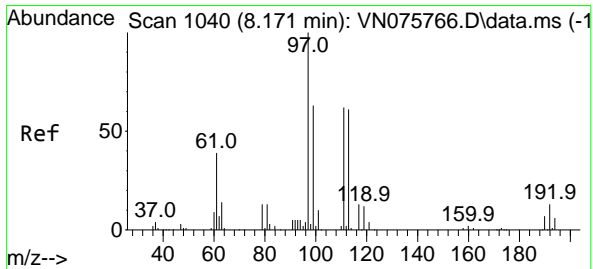
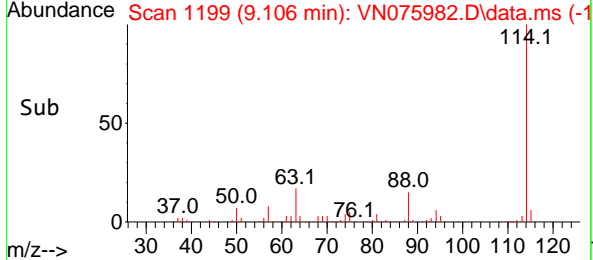
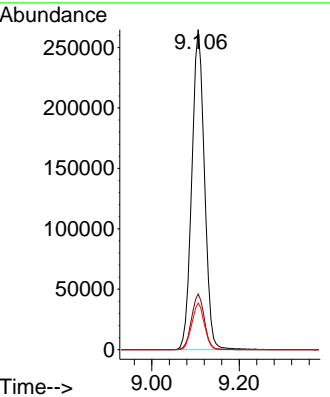
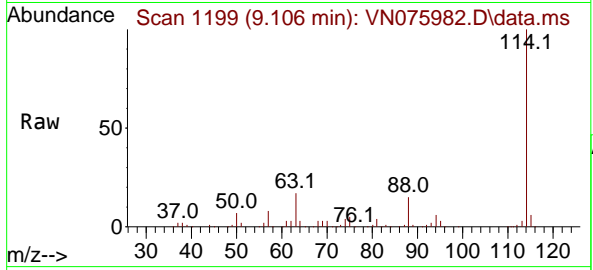




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN075982.D
 Acq: 27 Dec 2022 12:47

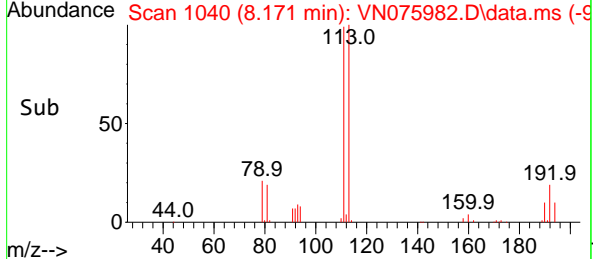
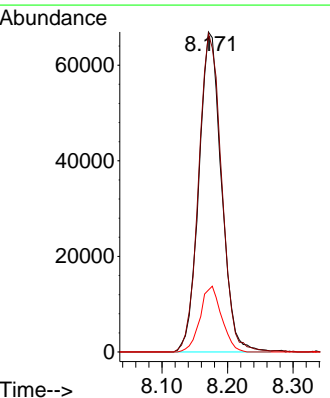
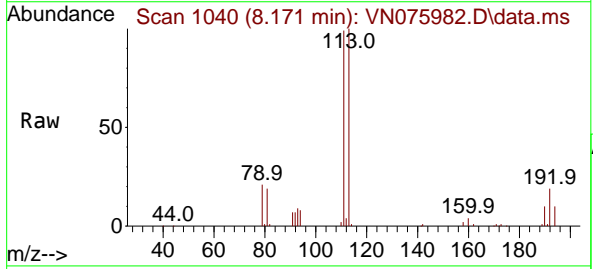
Instrument : MSVOA_N
 ClientSampleId : IBLK

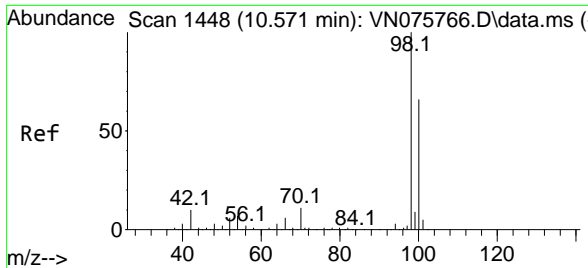
Tgt Ion	Resp	Lower	Upper
114	534431		
63	17.4	0.0	34.4
88	14.6	0.0	28.8



#35
 Dibromofluoromethane
 Concen: 48.349 ug/l
 RT: 8.171 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VN075982.D
 Acq: 27 Dec 2022 12:47

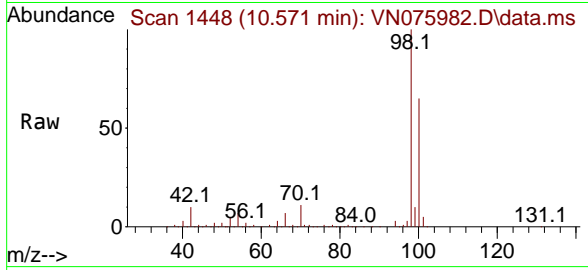
Tgt Ion	Resp	Lower	Upper
113	160017		
111	101.5	83.4	125.2
192	19.6	16.1	24.1



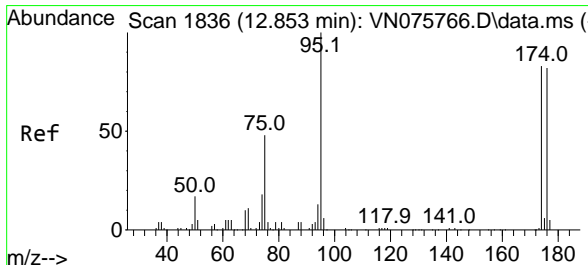
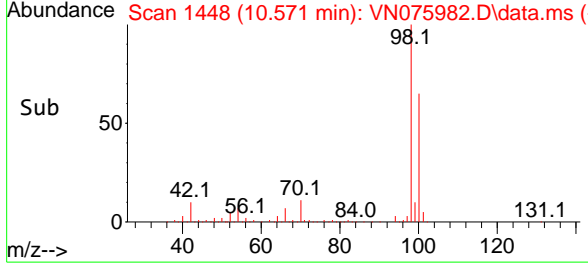
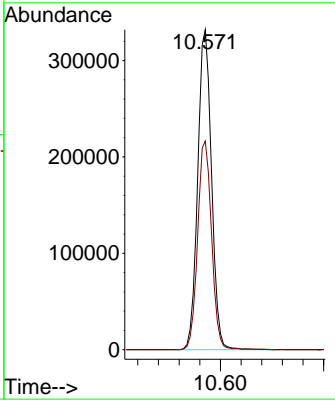


#50
 Toluene-d8
 Concen: 49.679 ug/l
 RT: 10.571 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: VN075982.D
 Acq: 27 Dec 2022 12:47

Instrument : MSVOA_N
 ClientSampleId : IBLK

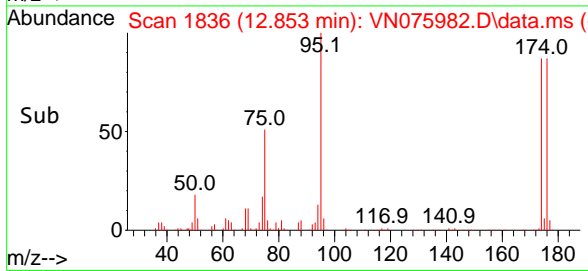
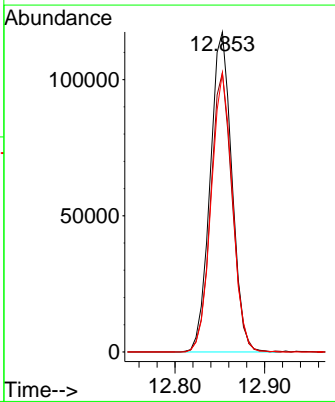
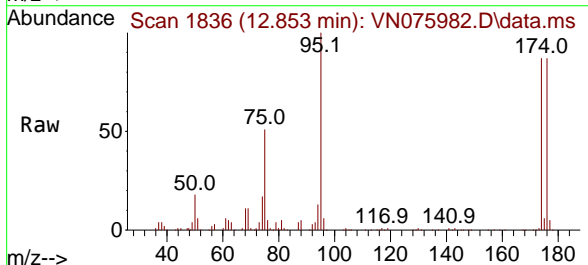


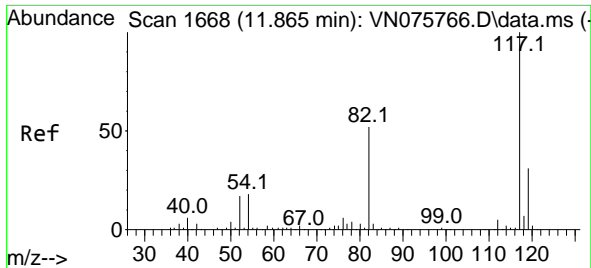
Tgt Ion: 98 Resp: 614748
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.1 78.1



#62
 4-Bromofluorobenzene
 Concen: 48.226 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VN075982.D
 Acq: 27 Dec 2022 12:47

Tgt Ion: 95 Resp: 197656
 Ion Ratio Lower Upper
 95 100
 174 86.1 0.0 171.6
 176 85.2 0.0 169.2

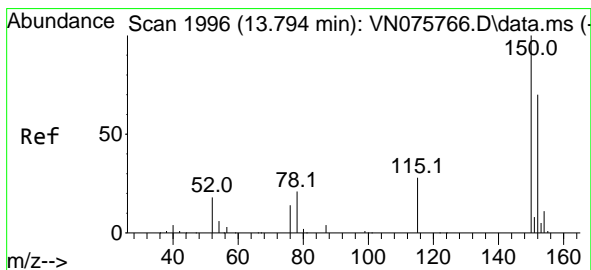
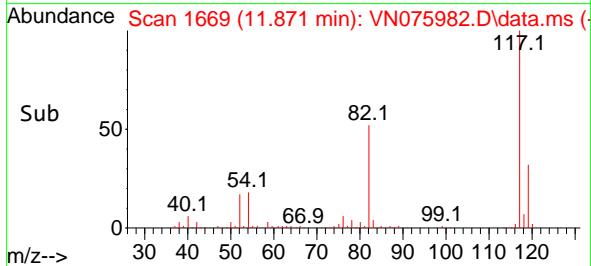
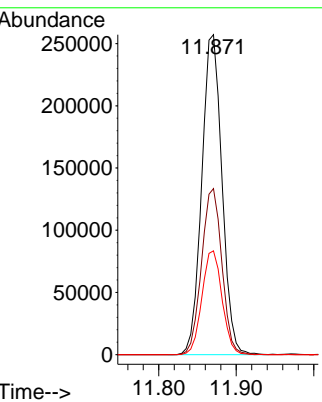
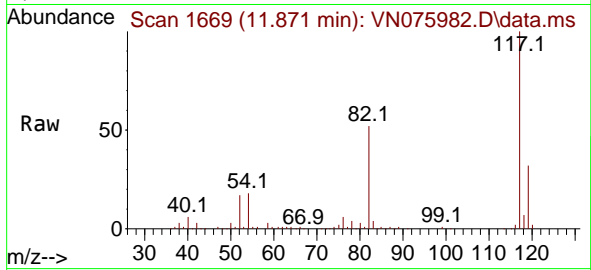




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VN075982.D
 Acq: 27 Dec 2022 12:47

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Tgt Ion	Resp	Lower	Upper
117	466025		
82	51.9	41.3	61.9
119	32.5	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: VN075982.D
 Acq: 27 Dec 2022 12:47

Tgt Ion	Resp	Lower	Upper
152	203339		
115	57.9	29.1	87.4
150	156.8	0.0	347.0

