

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076702.D
 Acq On : 16 Feb 2023 11:17
 Operator : JC\MD
 Sample : VN0216WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0216WBL01

Quant Time: Feb 17 08:39:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	308910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	545223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	474706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	182404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	216841	50.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.660%
35) Dibromofluoromethane	8.172	113	171563	48.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	10.572	98	668124	50.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.854	95	195778	44.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.660%

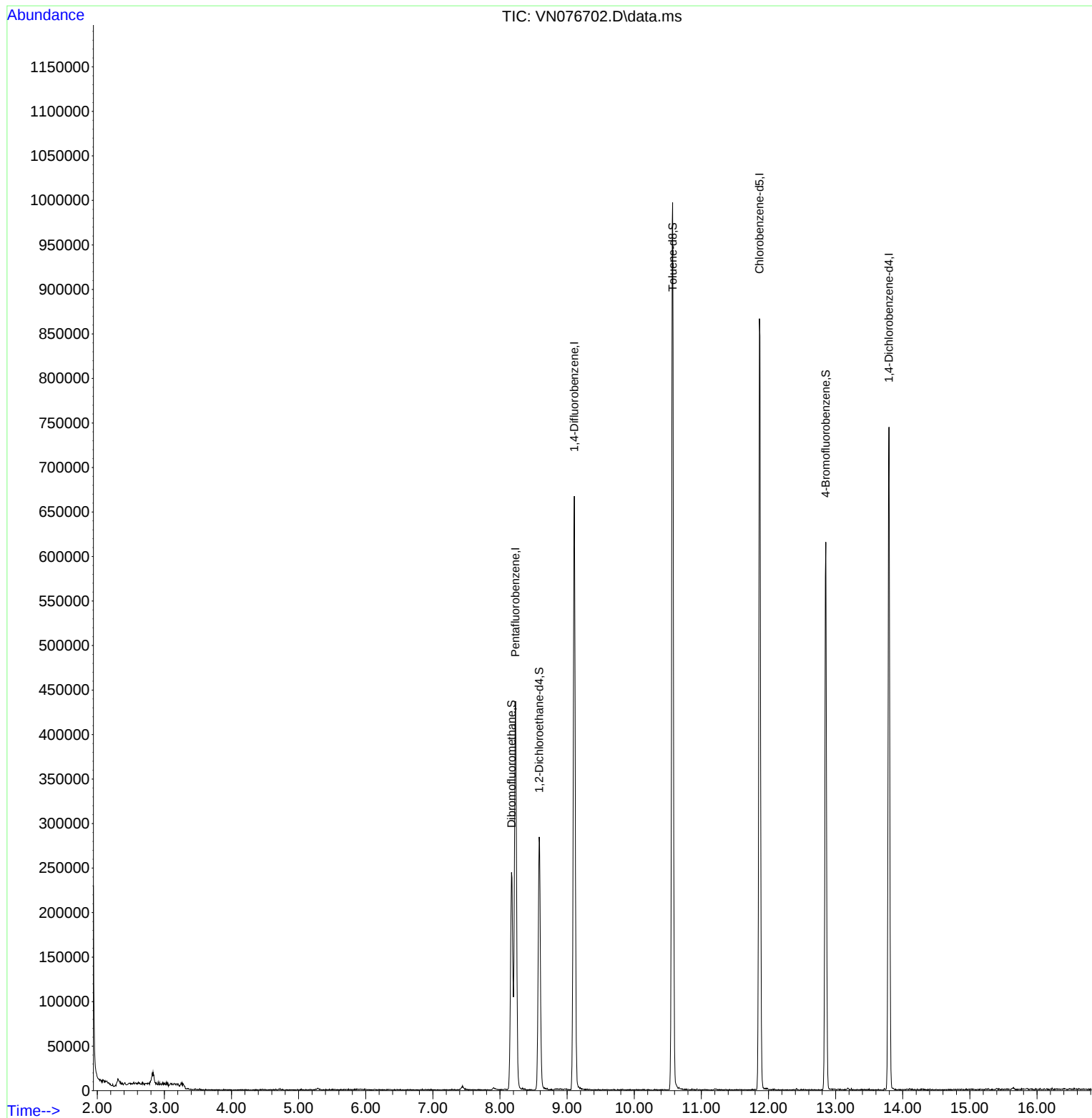
Target Compounds	Qvalue

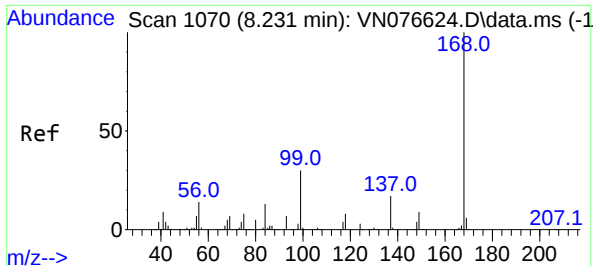
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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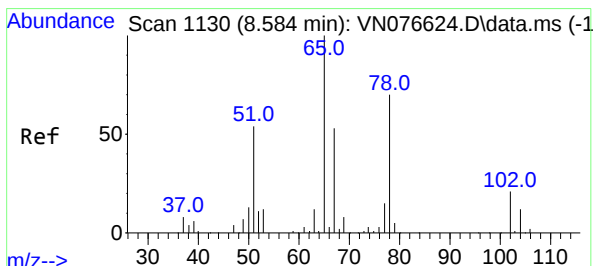
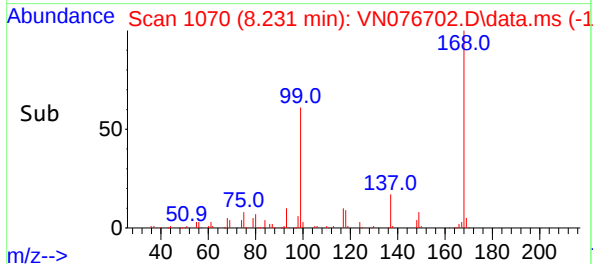
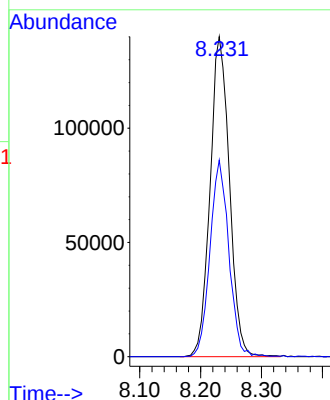
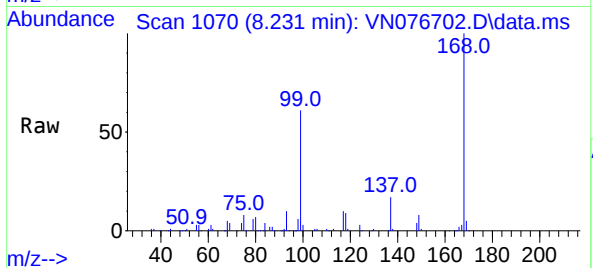




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

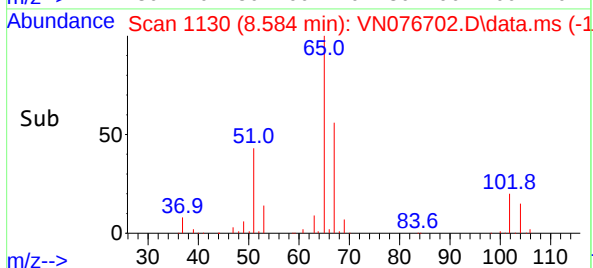
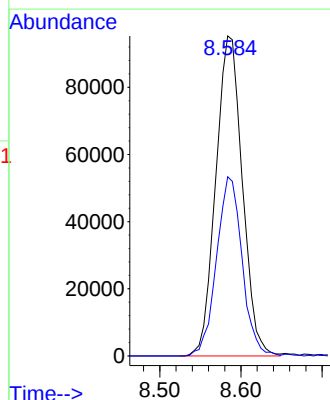
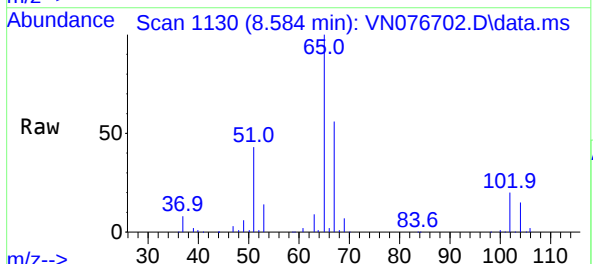
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

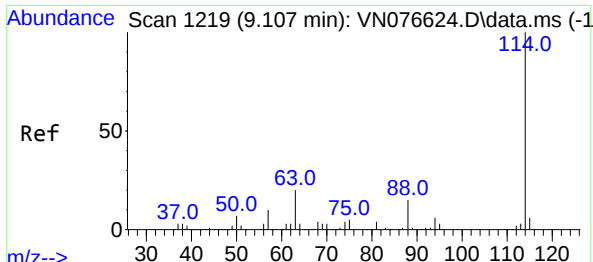
Tgt Ion:168 Resp: 308910
Ion Ratio Lower Upper
168 100
99 61.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 50.835 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion: 65 Resp: 216841
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.6



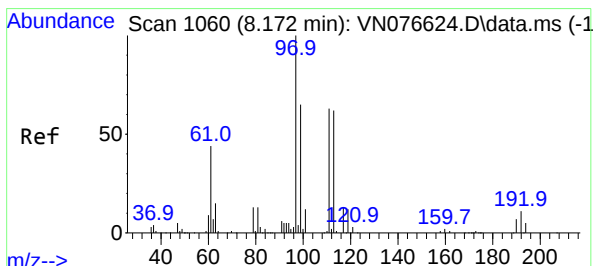
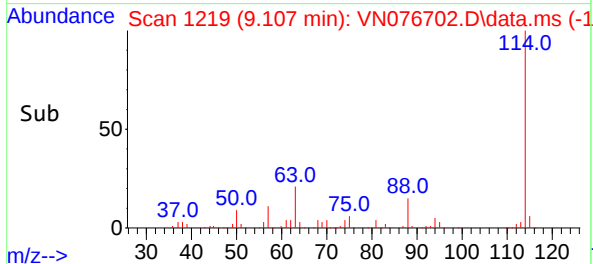
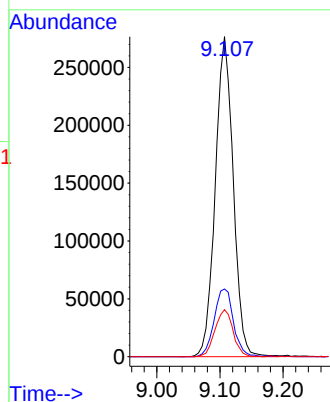
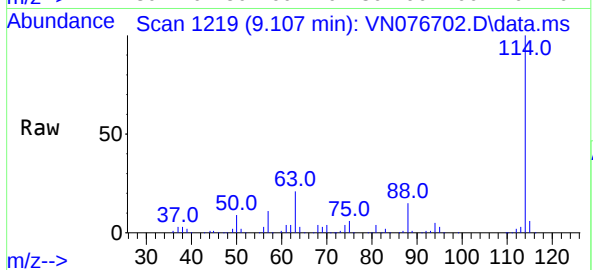


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

Tgt Ion:114 Resp: 545223

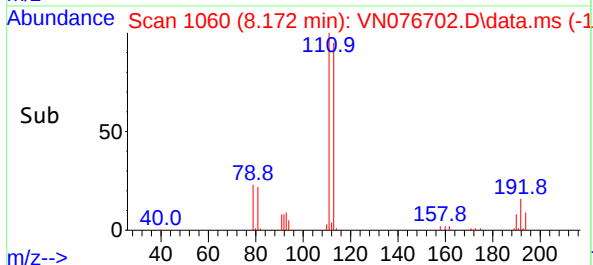
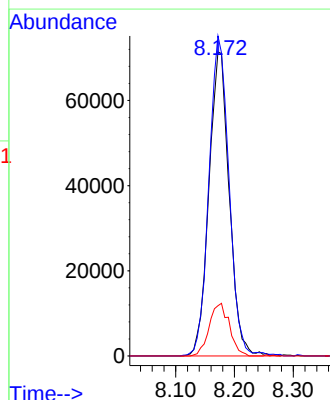
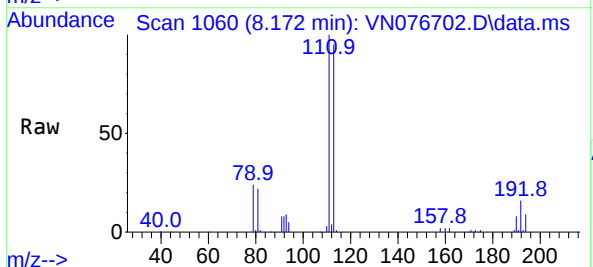
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.0
88	14.7	0.0	29.6

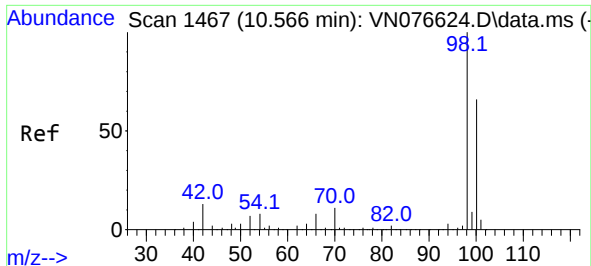


#35
Dibromofluoromethane
Concen: 48.049 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion:113 Resp: 171563

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.1	124.7
192	17.1	15.6	23.4

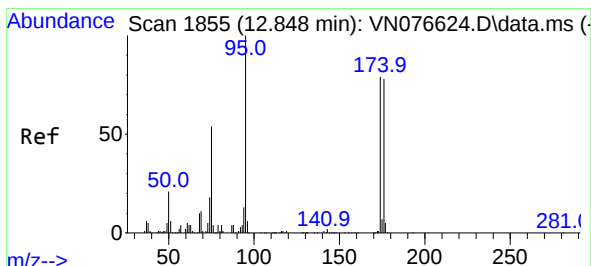
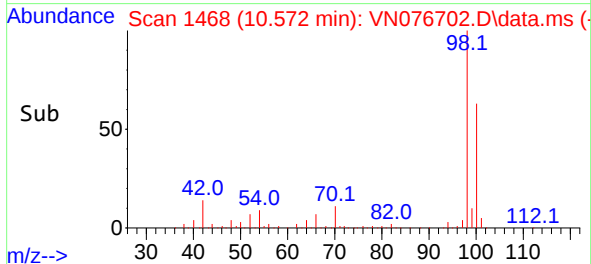
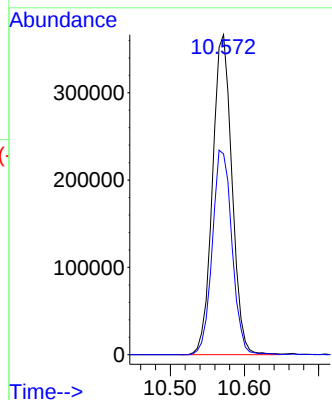
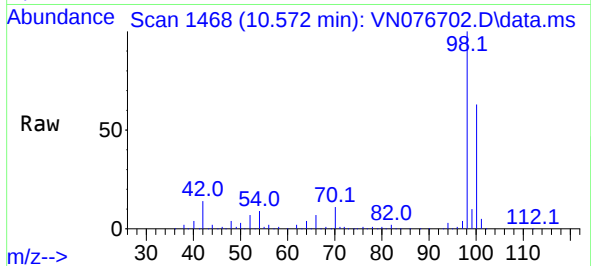




#50
Toluene-d8
Concen: 50.105 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

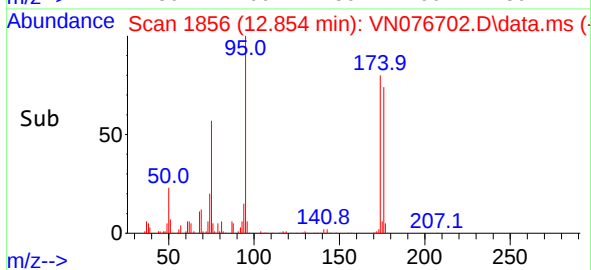
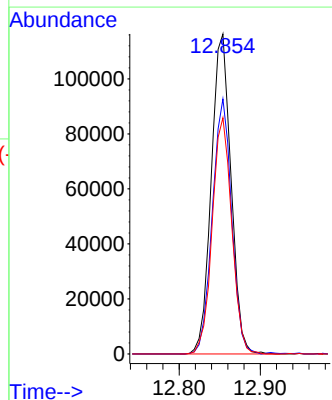
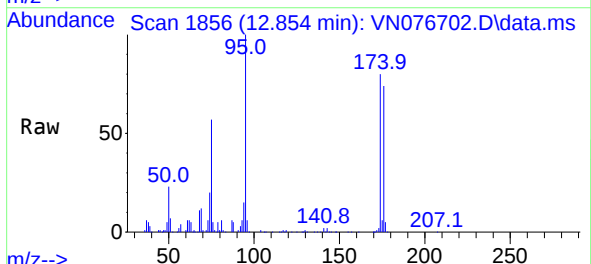
Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

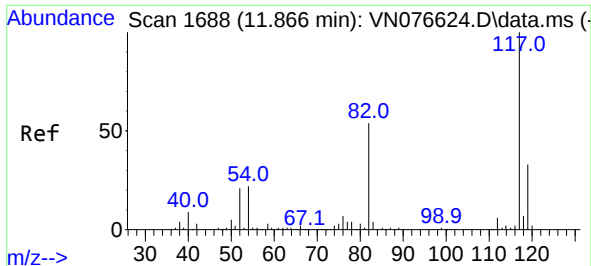
Tgt Ion: 98 Resp: 668124
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.330 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion: 95 Resp: 195778
Ion Ratio Lower Upper
95 100
174 78.3 0.0 169.2
176 73.1 0.0 163.4

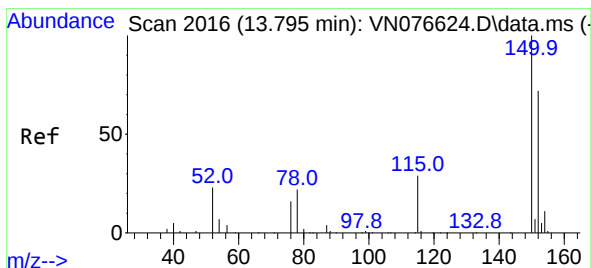
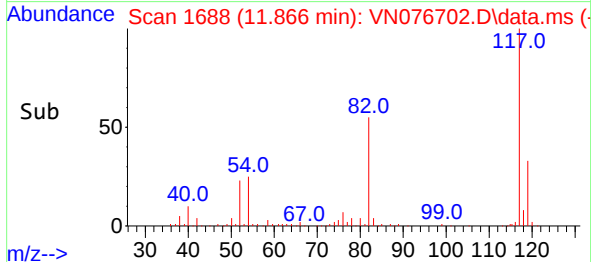
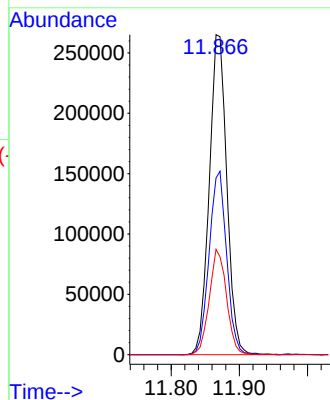
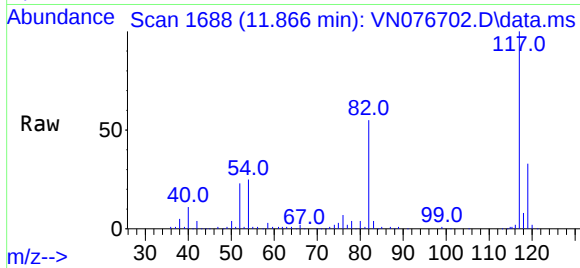




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0216WBL01

Tgt Ion:117 Resp: 474706
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion:152 Resp: 182404
Ion Ratio Lower Upper
152 100
115 60.5 29.3 87.9
150 161.8 0.0 349.8

