

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076707.D
 Acq On : 16 Feb 2023 13:27
 Operator : JC\MD
 Sample : 01553-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-06

Quant Time: Feb 17 00:09:32 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	275412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	508455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	442720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	175883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	204982	53.900	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.800%	
35) Dibromofluoromethane	8.172	113	157497	47.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.600%	
50) Toluene-d8	10.572	98	612775	49.277	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.854	95	183164	44.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.940%	

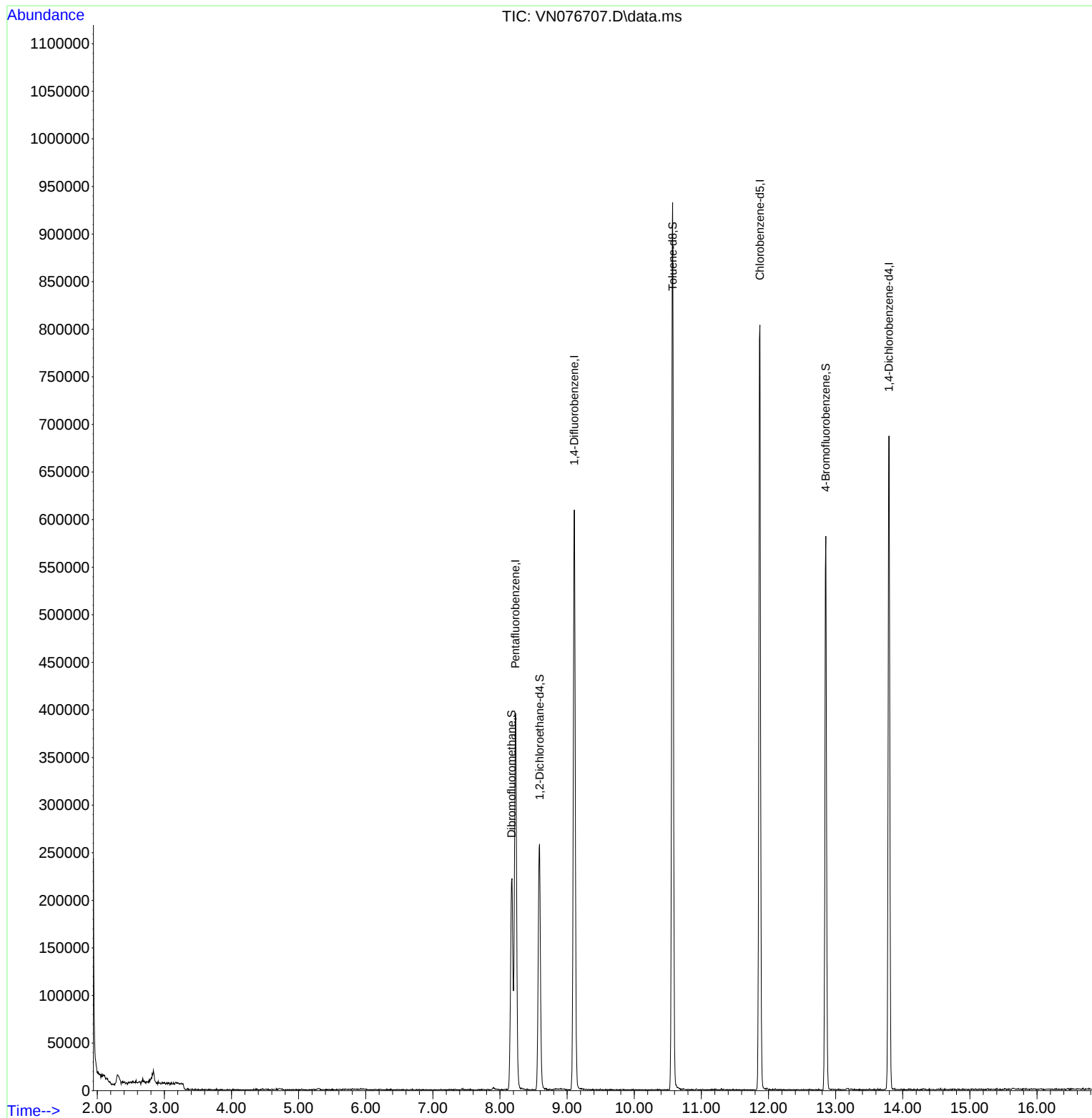
Target Compounds	Qvalue

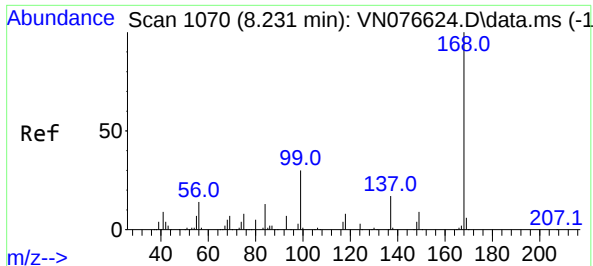
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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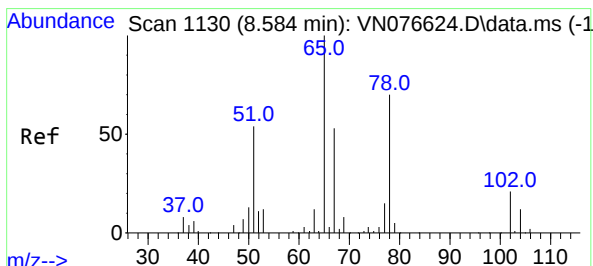
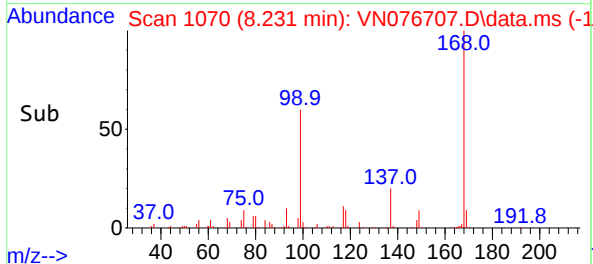
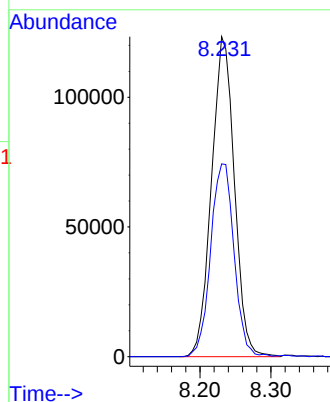
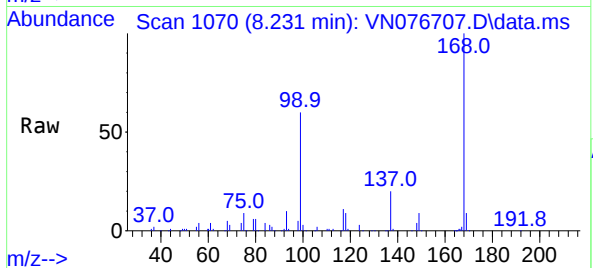




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

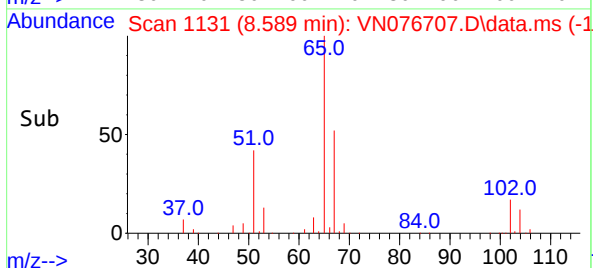
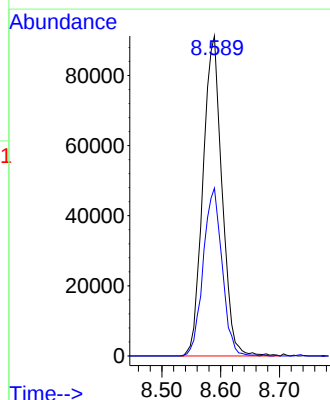
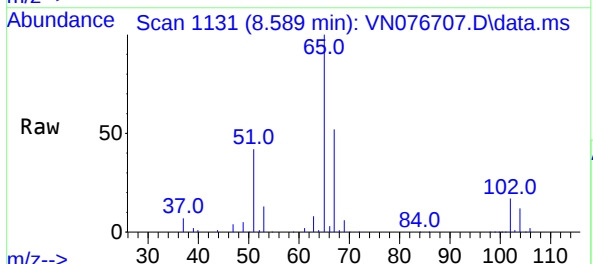
Instrument :
MSVOA_N
ClientSampleId :
TWP-06

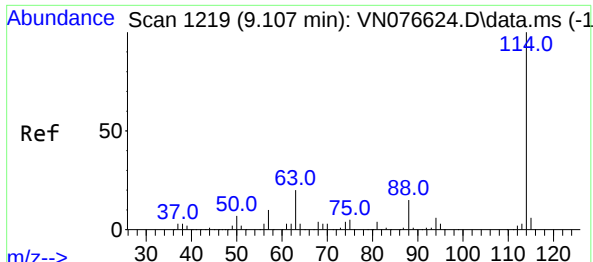
Tgt Ion:168 Resp: 275412
Ion Ratio Lower Upper
168 100
99 60.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 53.900 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.005 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Tgt Ion: 65 Resp: 204982
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6



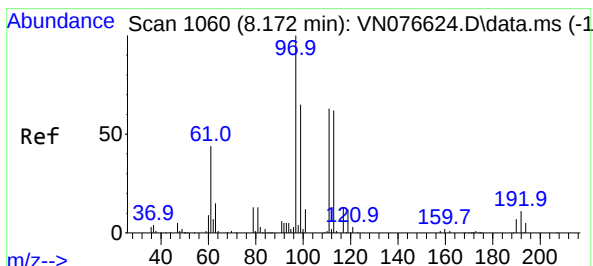
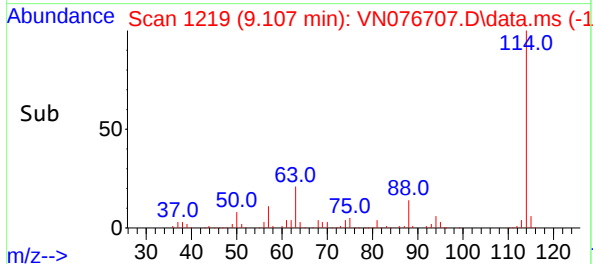
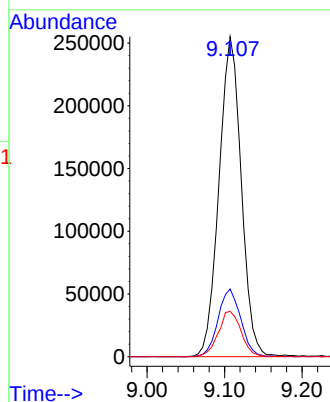
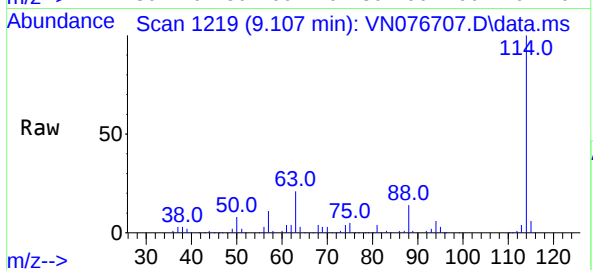


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
TWP-06

Tgt Ion:114 Resp: 508455

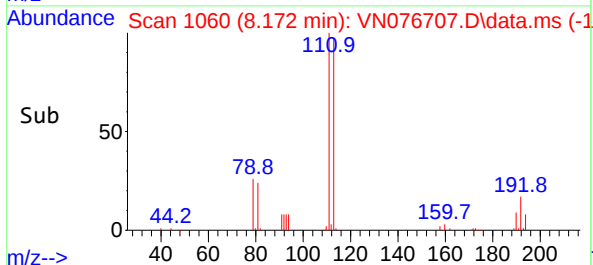
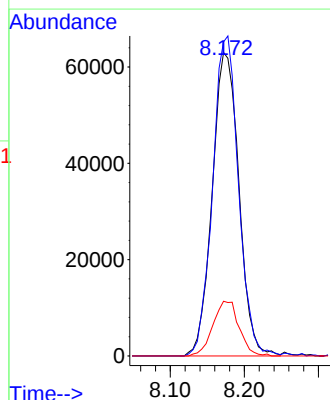
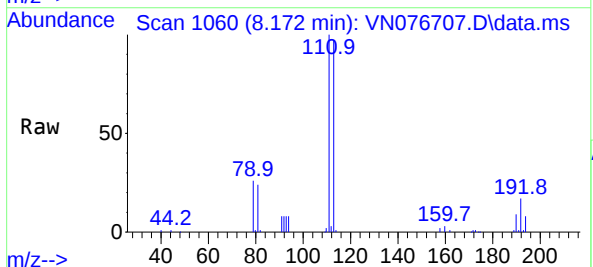
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.0
88	14.2	0.0	29.6

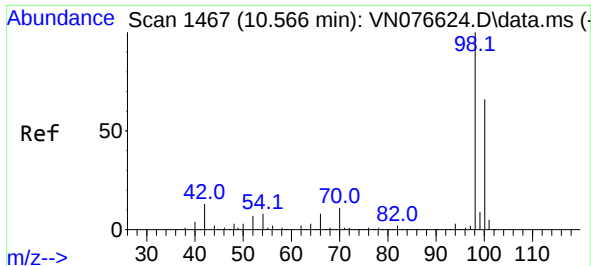


#35
Dibromofluoromethane
Concen: 47.300 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Tgt Ion:113 Resp: 157497

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	17.7	15.6	23.4

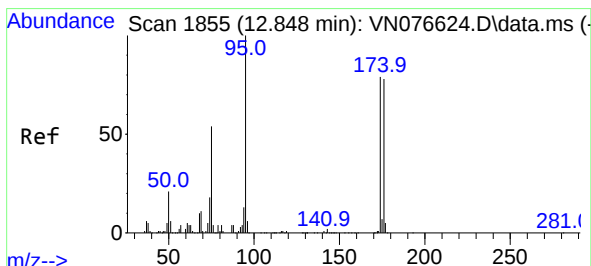
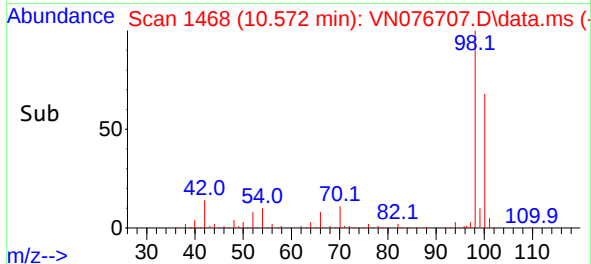
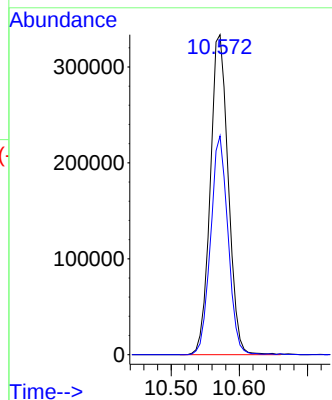
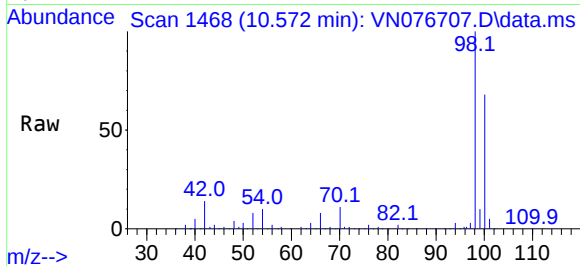




#50
Toluene-d8
Concen: 49.277 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

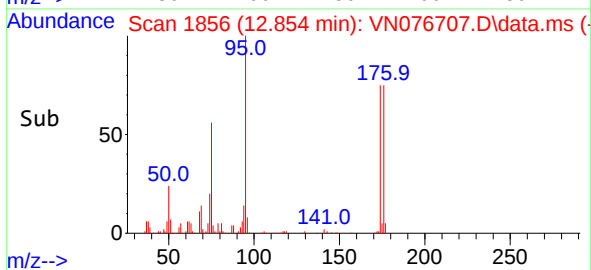
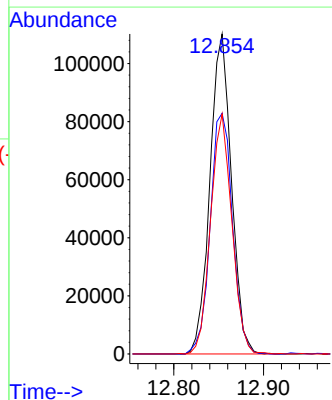
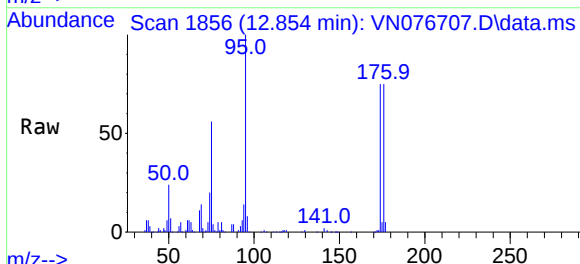
Instrument :
MSVOA_N
ClientSampleId :
TWP-06

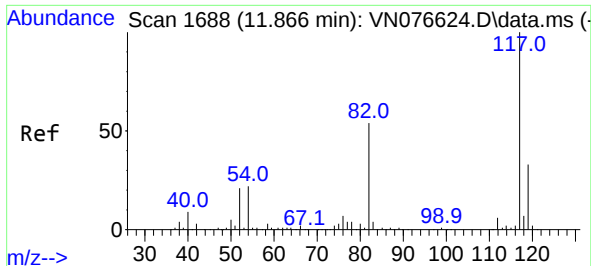
Tgt Ion: 98 Resp: 612775
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.472 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Tgt Ion: 95 Resp: 183164
Ion Ratio Lower Upper
95 100
174 78.0 0.0 169.2
176 74.2 0.0 163.4

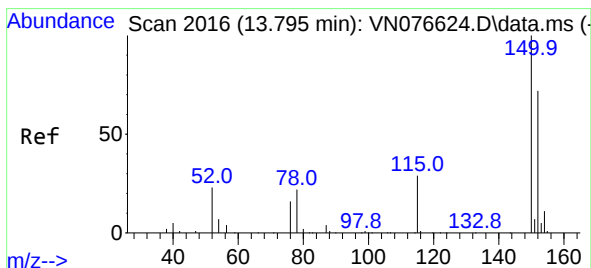
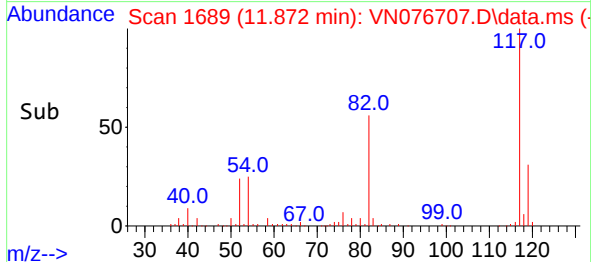
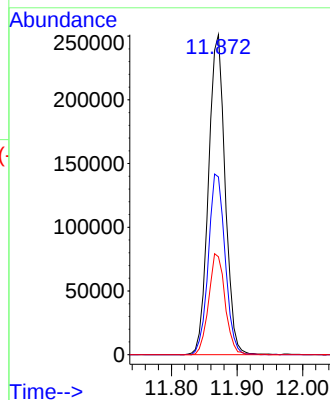
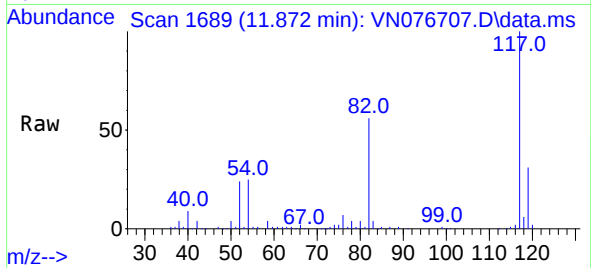




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076707.D
Acq: 16 Feb 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
TWP-06

Tgt Ion:117 Resp: 442720
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.2
119 30.6 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: VN076707.D
Acq: 16 Feb 2023 13:27

Tgt Ion:152 Resp: 175883
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.9
150 155.8 0.0 349.8

