

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068220.D
 Acq On : 28 Jan 2021 13:50
 Operator : VA/SY
 Sample : M1254-06
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-5

Quant Time: Jan 29 00:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

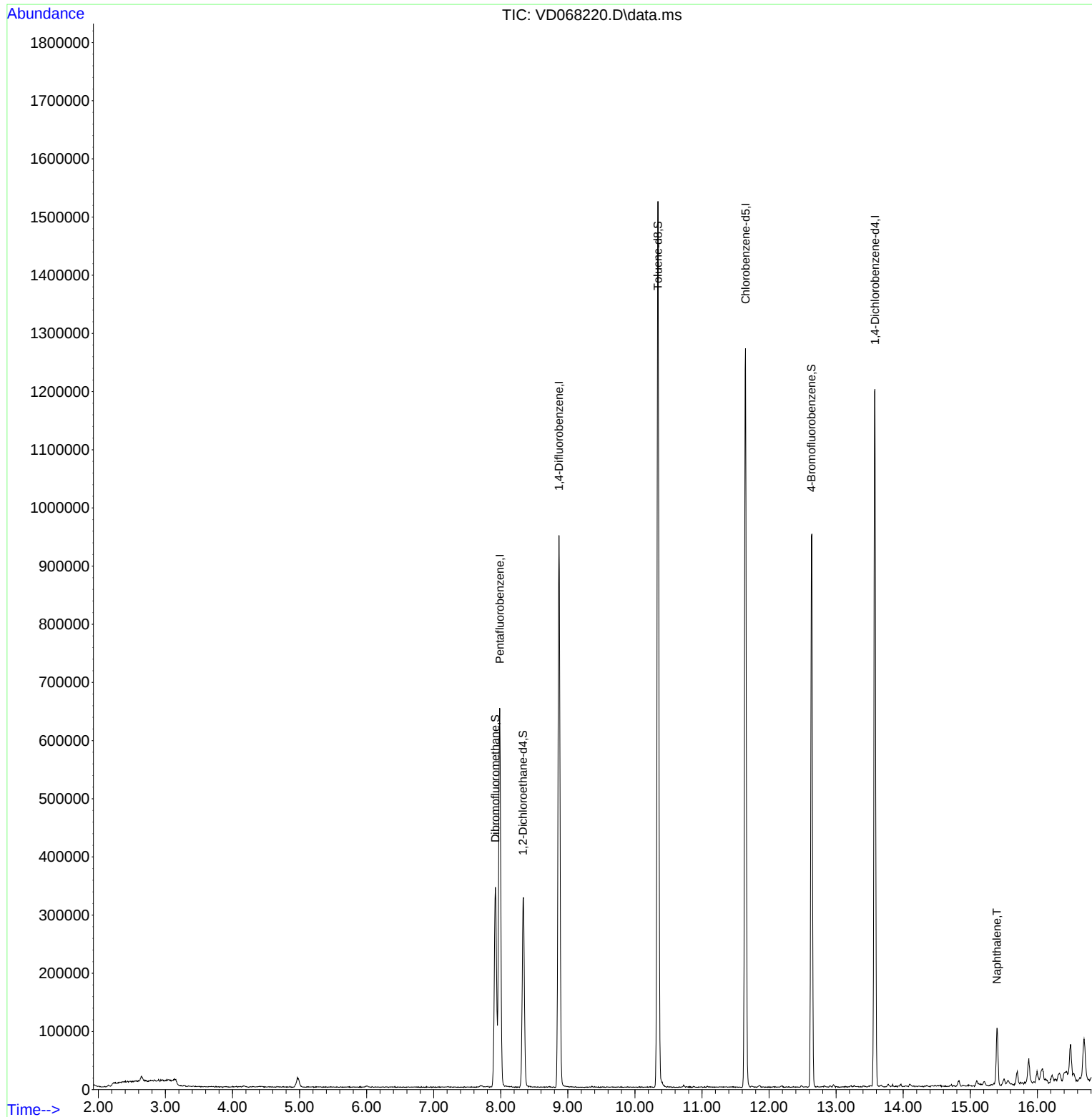
Internal Standards						
1) Pentafluorobenzene	7.985	168	484570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	854063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	757735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	330268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	263699	56.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.78%	
35) Dibromofluoromethane	7.920	113	252471	53.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.94%	
50) Toluene-d8	10.343	98	1060841	56.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.34%	
62) 4-Bromofluorobenzene	12.631	95	340201	50.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.04%	
Target Compounds						Qvalue
95) Naphthalene	15.396	128	89265	7.16	ug/l	99

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

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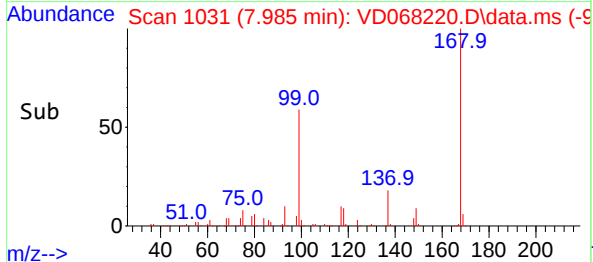
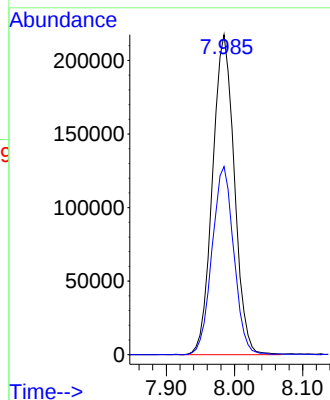
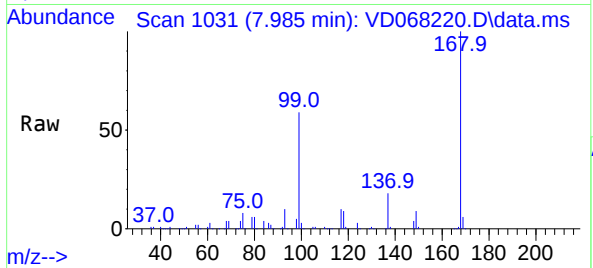




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

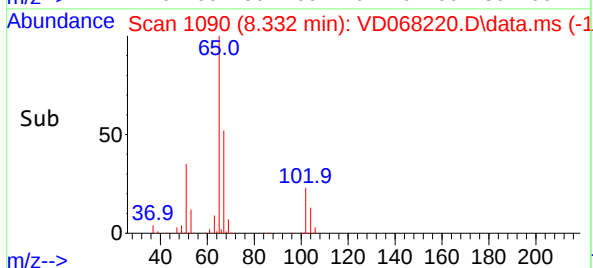
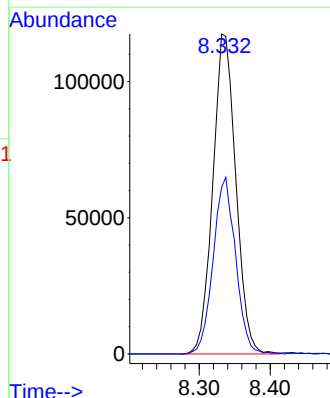
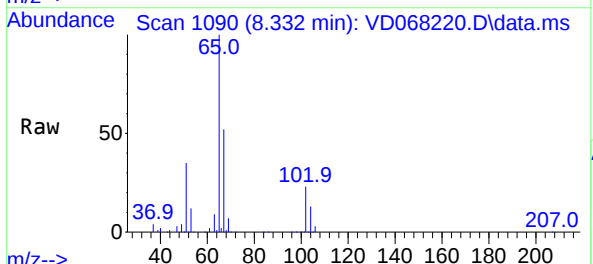
Instrument :
MSVOA_D
ClientSampled :
CRT-5

Tgt Ion:168 Resp: 484570
Ion Ratio Lower Upper
168 100
99 58.8 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 56.89 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion: 65 Resp: 263699
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0



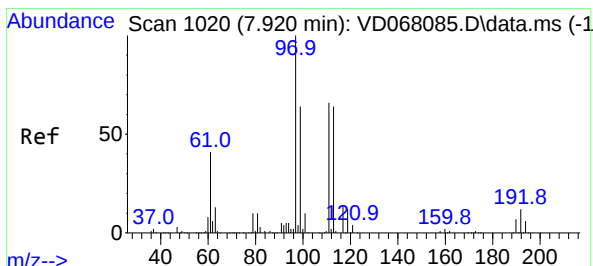
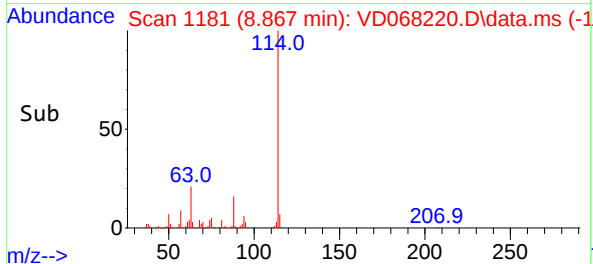
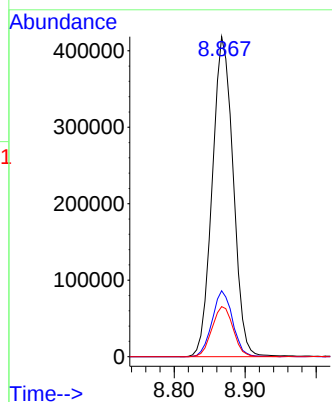
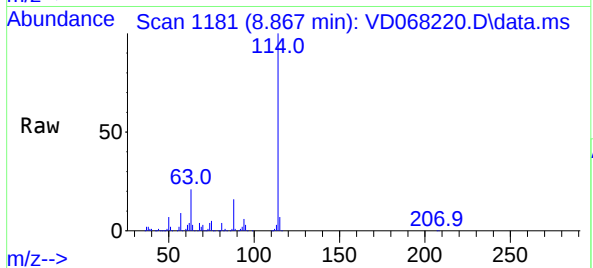


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Instrument :
MSVOA_D
ClientSampleId :
CRT-5

Tgt Ion:114 Resp: 854063

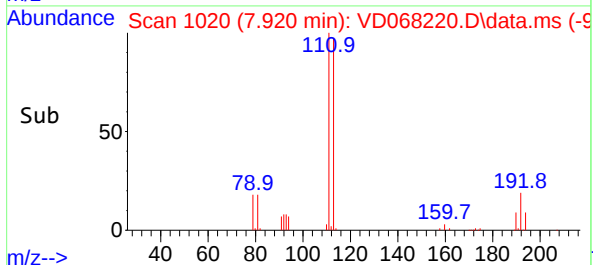
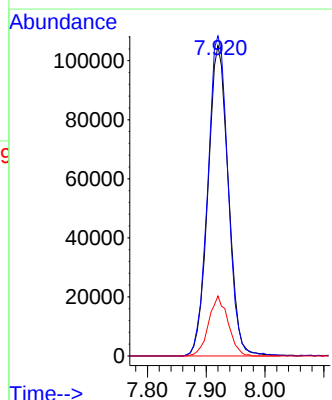
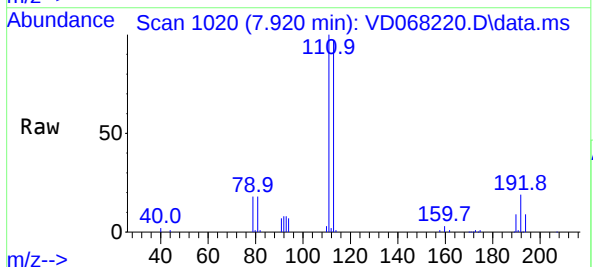
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	34.8
88	15.7	0.0	31.6

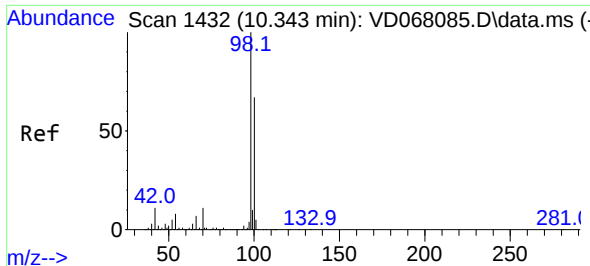


#35
Dibromofluoromethane
Concen: 53.47 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion:113 Resp: 252471

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	18.5	16.1	24.1

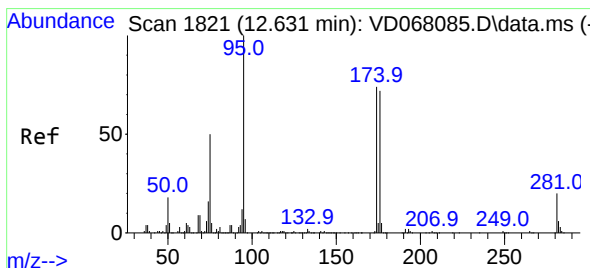
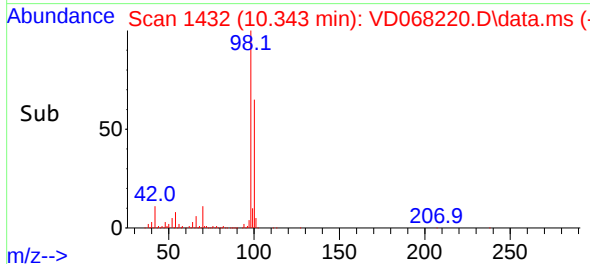
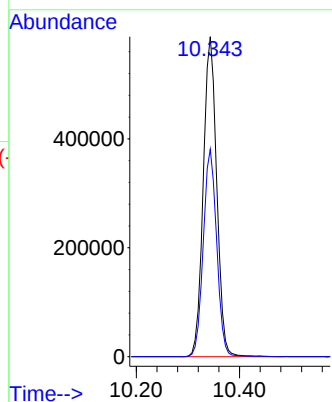
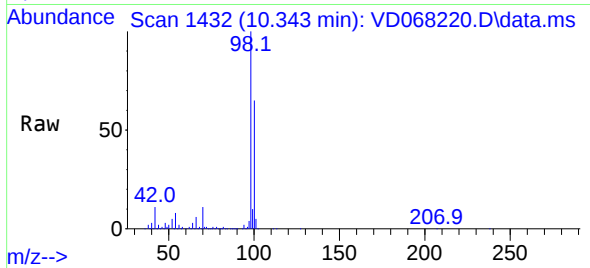




#50
Toluene-d8
Concen: 56.17 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

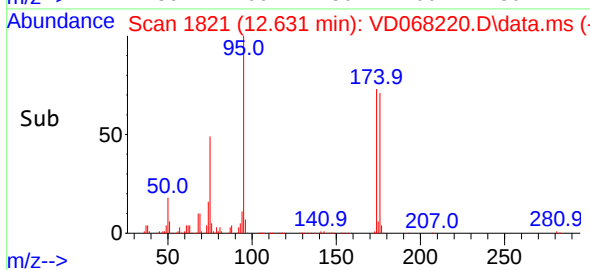
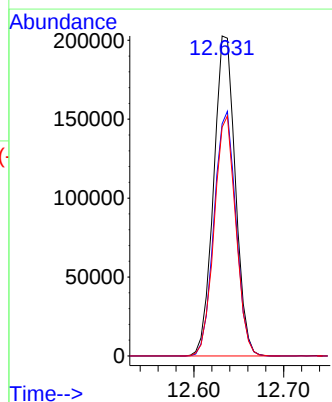
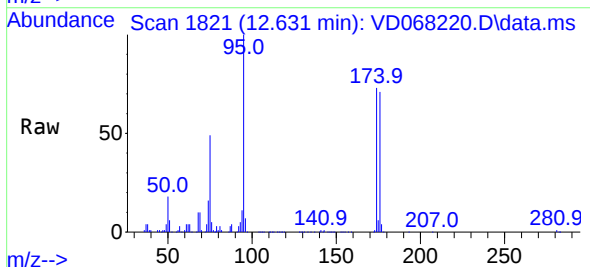
Instrument :
MSVOA_D
ClientSampleID :
CRT-5

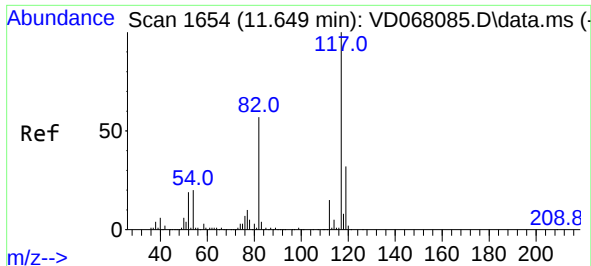
Tgt Ion: 98 Resp: 1060841
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.02 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion: 95 Resp: 340201
Ion Ratio Lower Upper
95 100
174 77.0 0.0 172.4
176 74.4 0.0 168.4



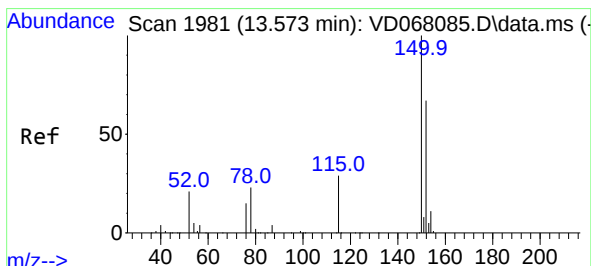
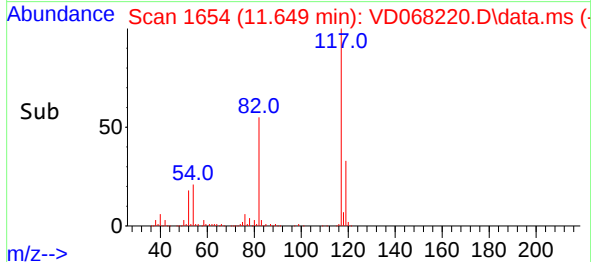
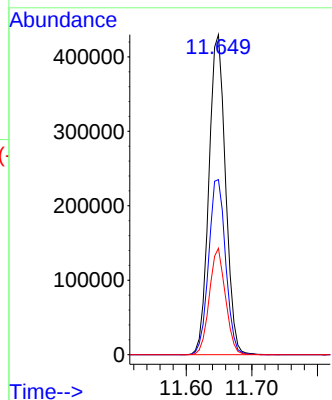
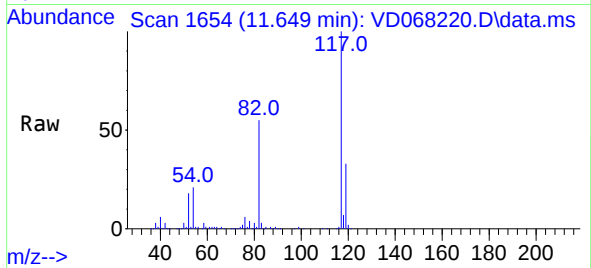


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Instrument :
MSVOA_D
ClientSampleId :
CRT-5

Tgt Ion:117 Resp: 757735

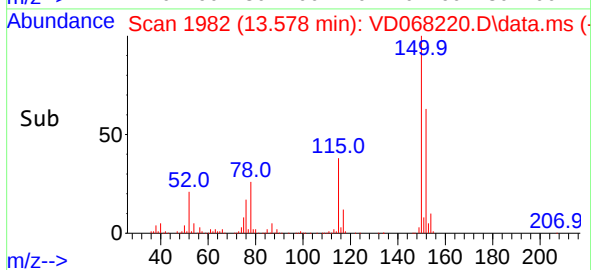
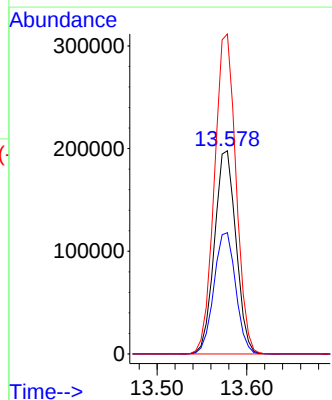
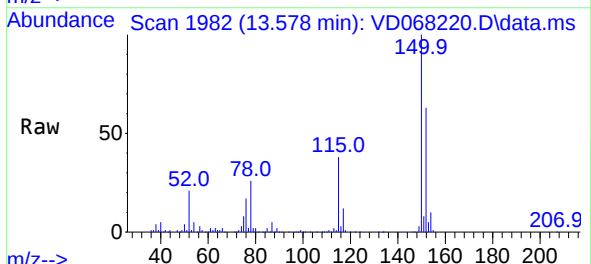
Ion	Ratio	Lower	Upper
117	100		
82	54.7	41.4	62.0
119	33.2	26.1	39.1

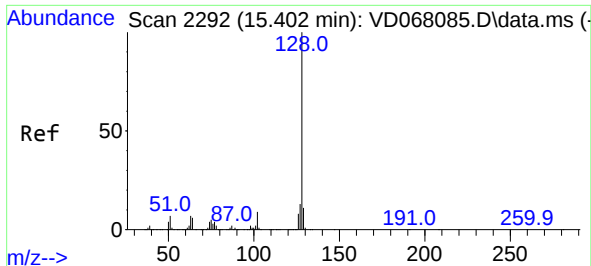


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Tgt Ion:152 Resp: 330268

Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.9	86.8
150	157.5	0.0	344.4





#95
Naphthalene
Concen: 7.16 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068220.D
Acq: 28 Jan 2021 13:50

Instrument :
MSVOA_D
ClientSampleId :
CRT-5

Tgt Ion:128 Resp: 89265
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 11.5 8.8 13.2

