

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070164.D
 Acq On : 19 Aug 2021 13:26
 Operator : VA/SY
 Sample : M3435-11RE
 Misc : 4.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2021-08-13-FD-04RE

Quant Time: Aug 20 05:47:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	433921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	822110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	704218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	200306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	299636	58.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.420%
35) Dibromofluoromethane	7.914	113	293398	55.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.338	98	1016960	49.228	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.626	95	248367	36.501	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.000%

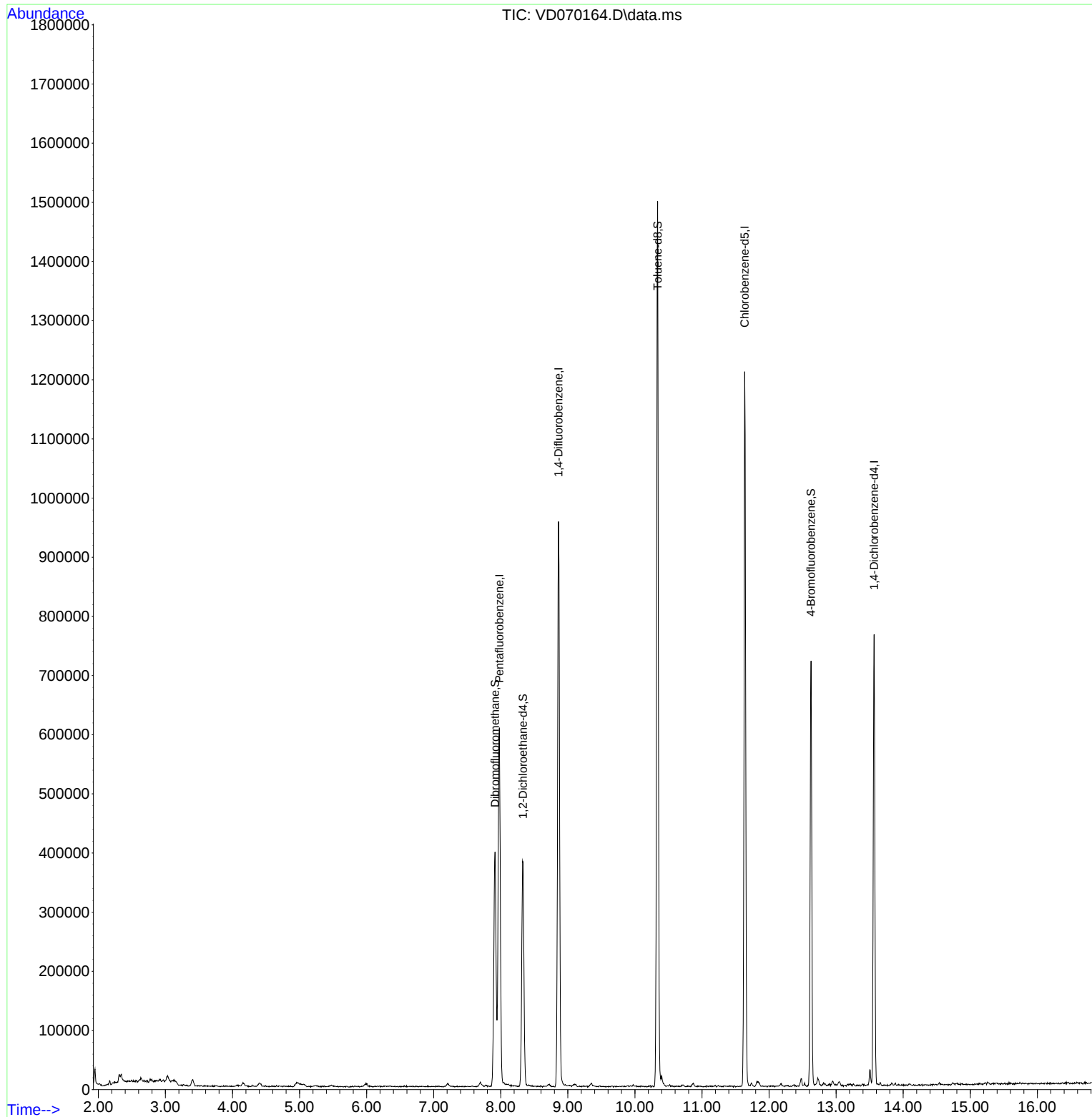
Target Compounds	Qvalue

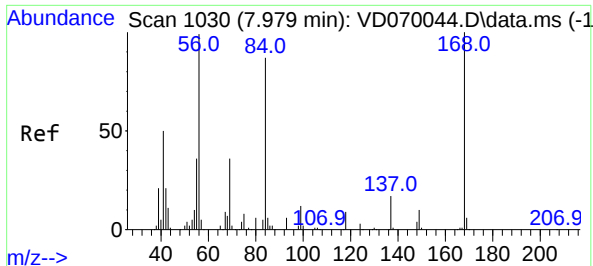
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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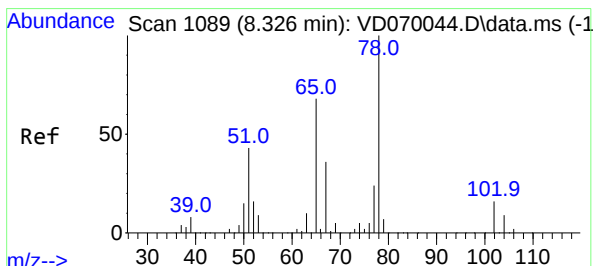
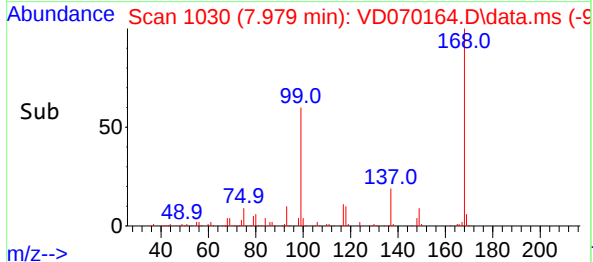
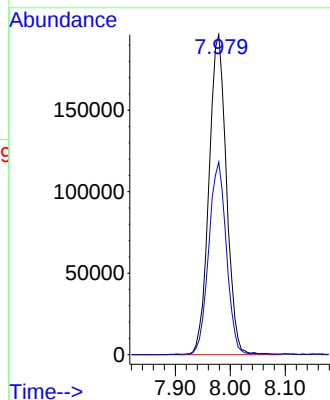
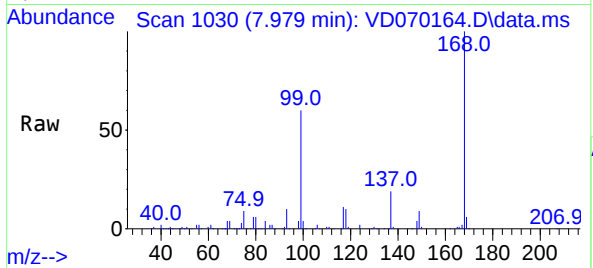




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

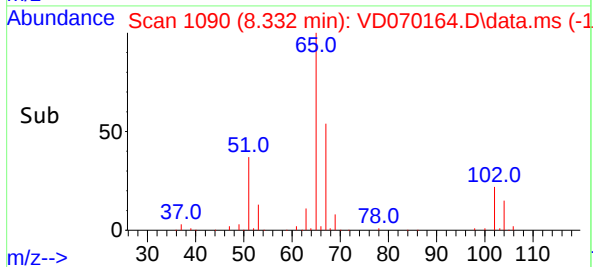
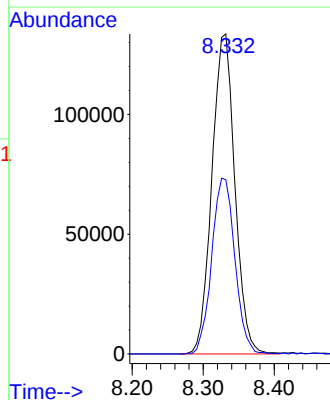
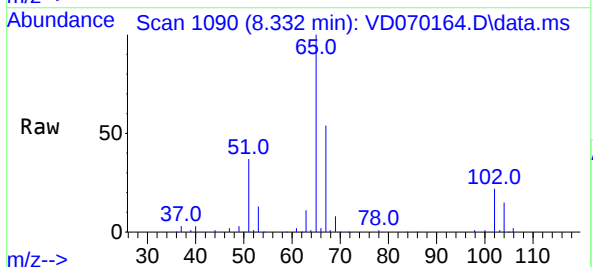
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

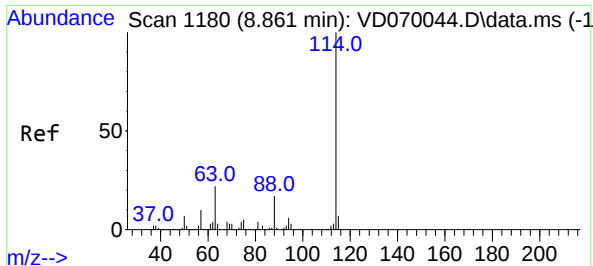
Tgt Ion:168 Resp: 433921
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 58.711 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 65 Resp: 299636
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.8



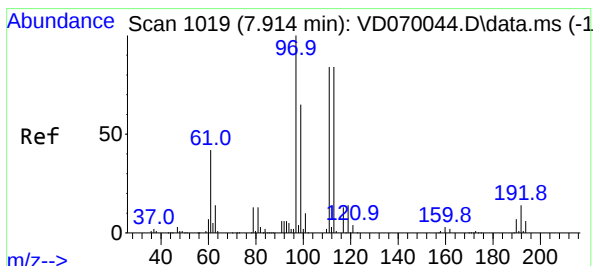
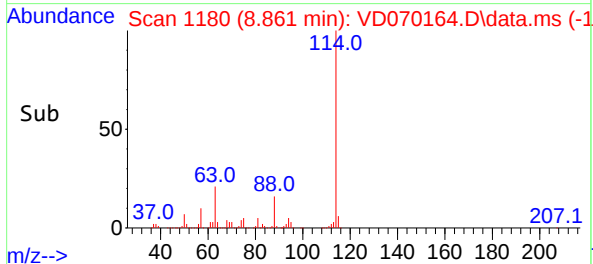
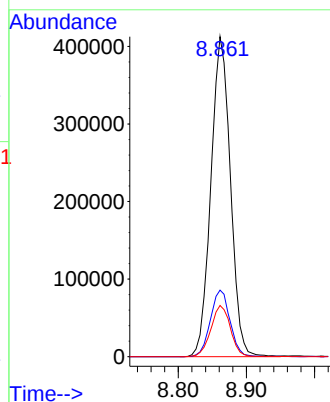
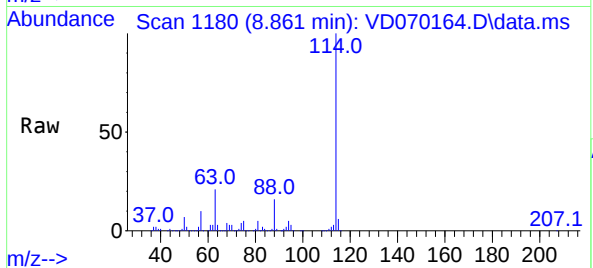


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

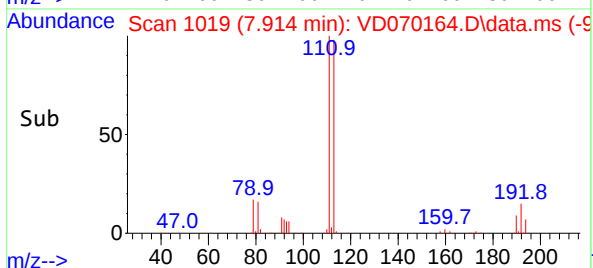
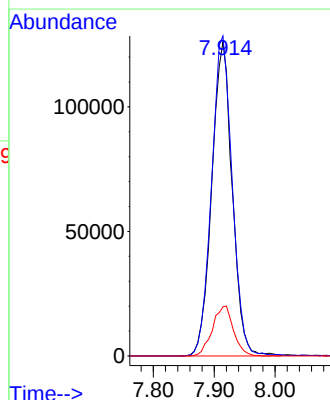
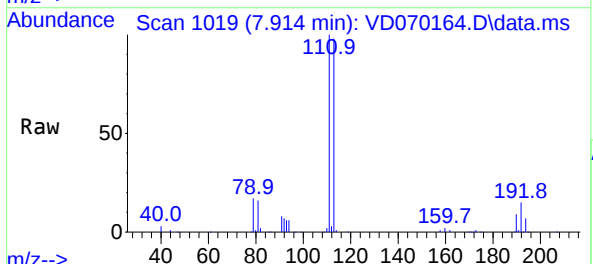
Tgt Ion:114 Resp: 822110
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.6
88 16.0 0.0 33.4

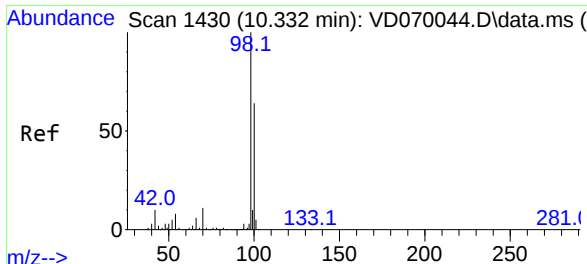


#35

Dibromofluoromethane
Concen: 55.240 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion:113 Resp: 293398
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 16.4 13.2 19.8

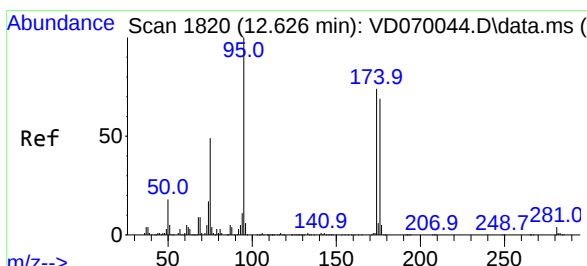
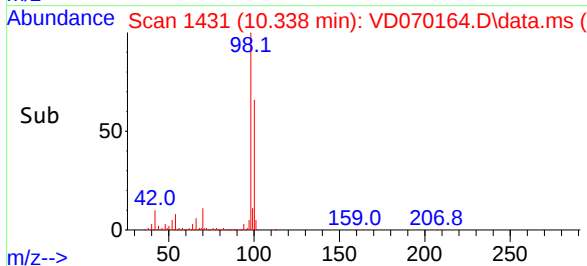
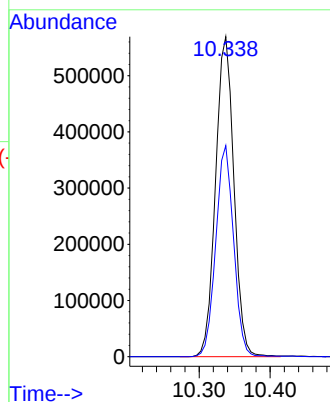
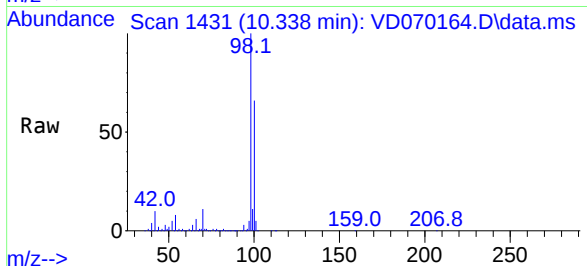




#50
Toluene-d8
Concen: 49.228 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

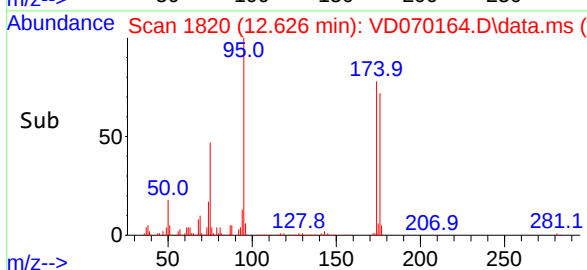
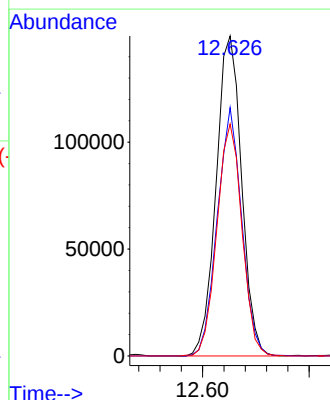
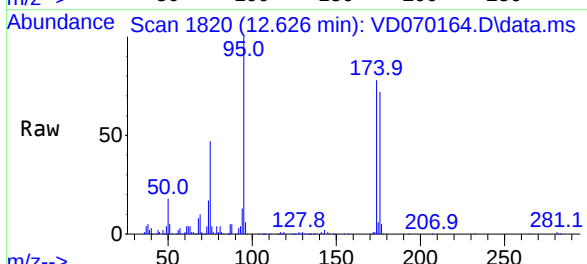
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

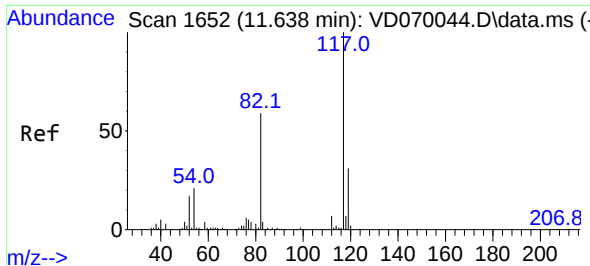
Tgt Ion: 98 Resp: 1016960
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 36.501 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 95 Resp: 248367
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.6
176 71.2 0.0 138.2



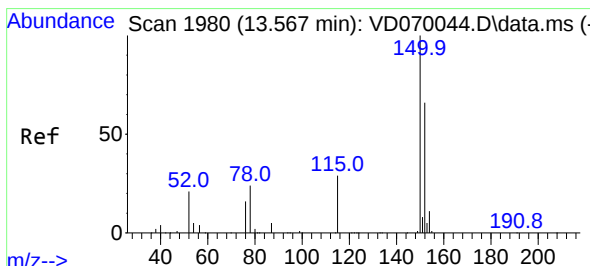
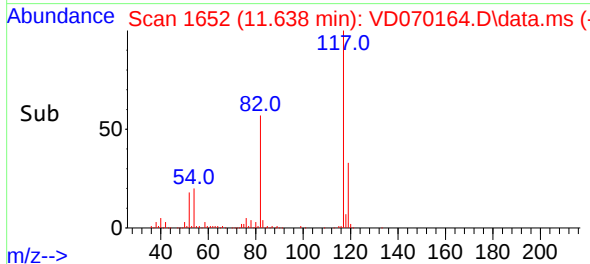
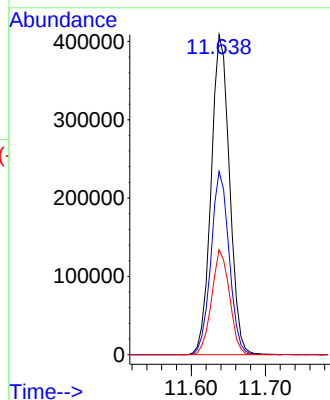
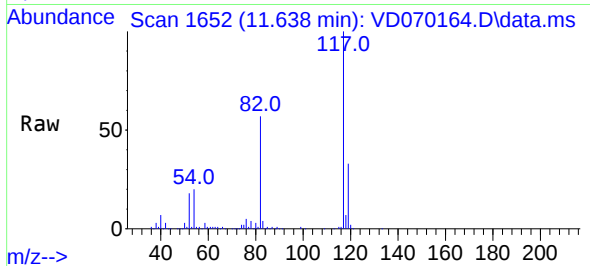


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

Tgt Ion:117 Resp: 704218

Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.5	71.3
119	32.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion:152 Resp: 200306

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.2	93.6
150	154.4	0.0	352.0

