

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071816.D
 Acq On : 28 Jan 2022 11:34
 Operator : VA/SY
 Sample : VD0128SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0128SBL01

Quant Time: Jan 29 04:50:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	367121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	645895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	252067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249279	53.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.440%
35) Dibromofluoromethane	7.914	113	221779	52.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.480%
50) Toluene-d8	10.338	98	835575	52.697	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.626	95	263165	47.527	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.060%

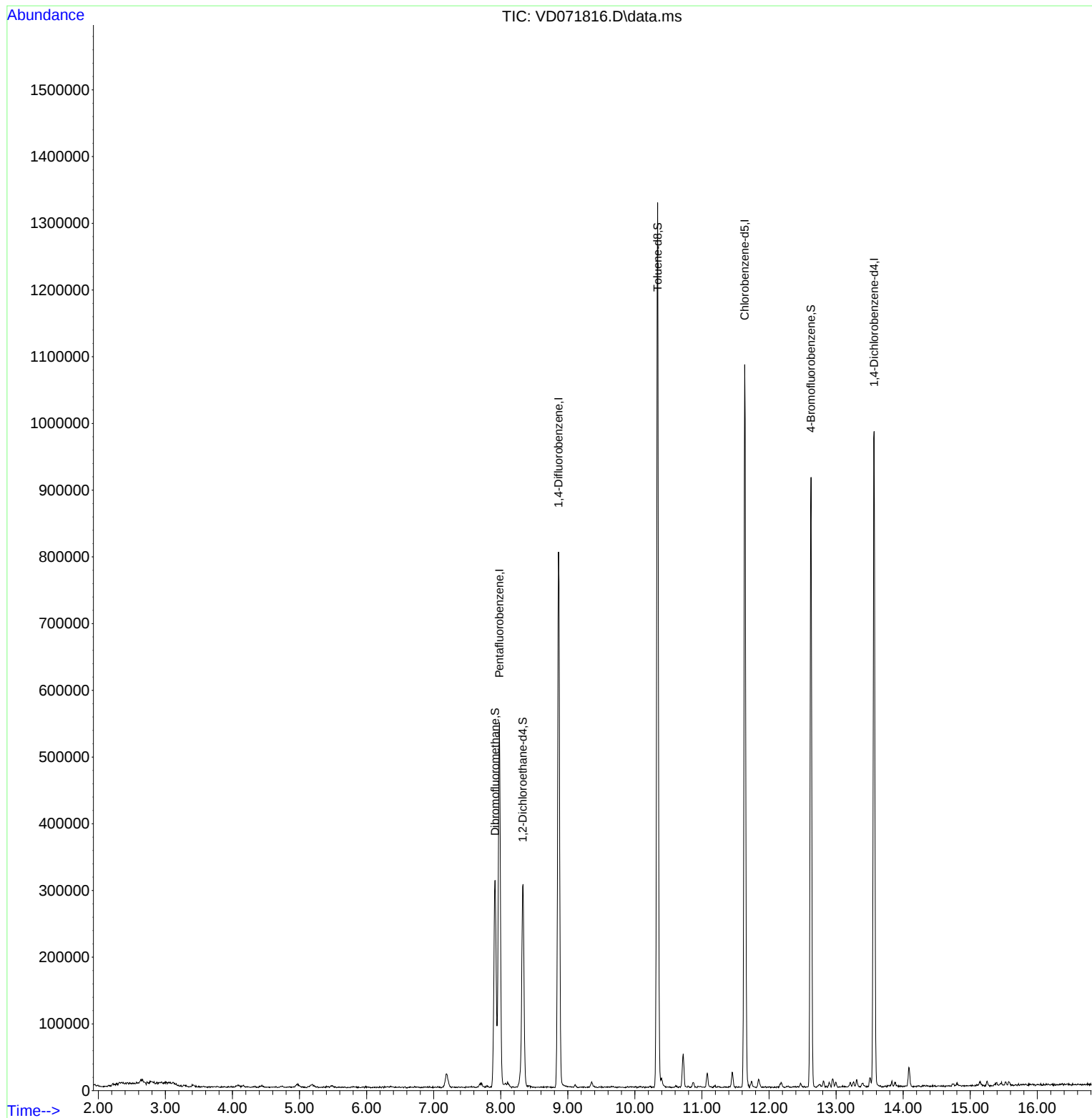
Target Compounds	Qvalue

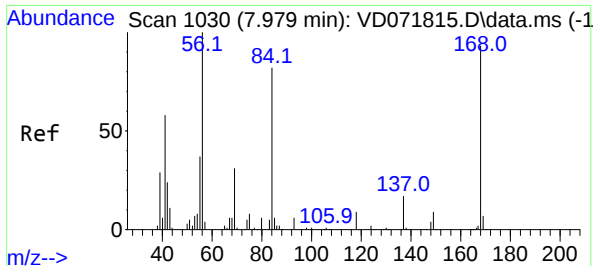
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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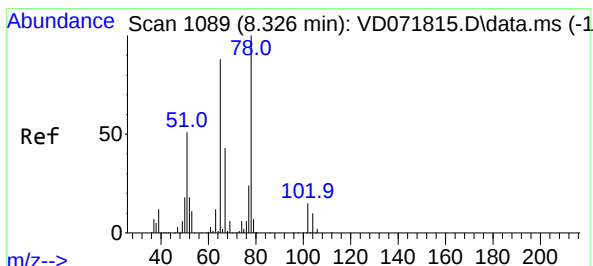
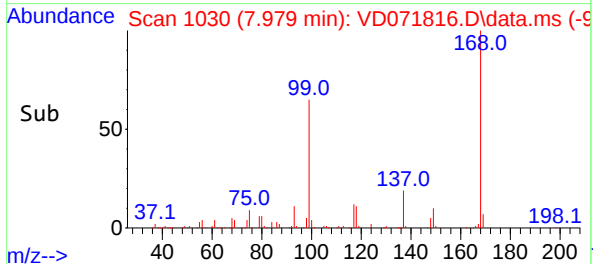
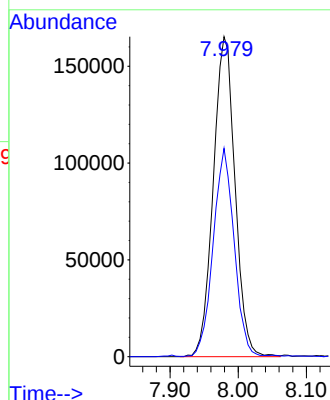
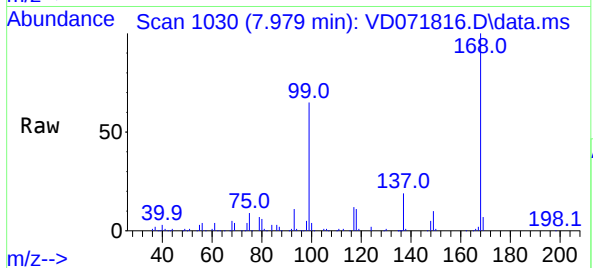




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

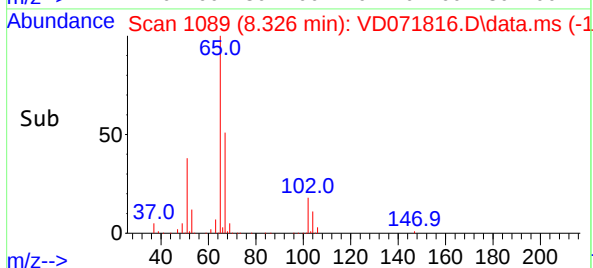
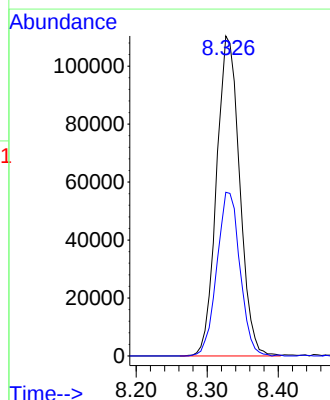
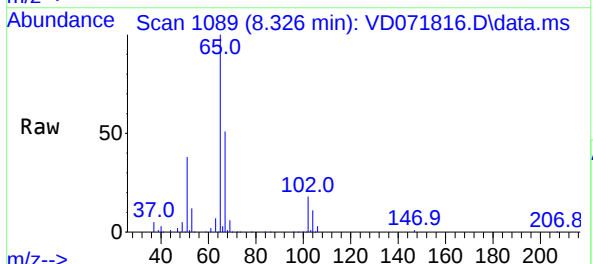
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

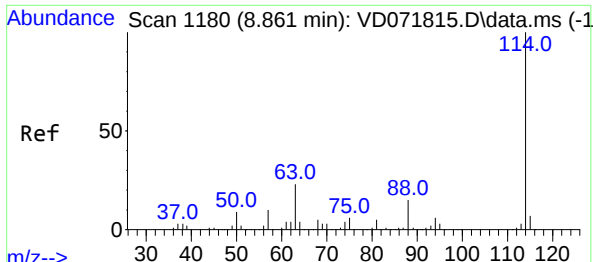
Tgt Ion:168 Resp: 367121
Ion Ratio Lower Upper
168 100
99 65.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.721 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Tgt Ion: 65 Resp: 249279
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4

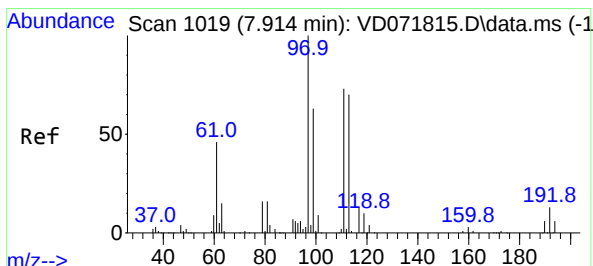
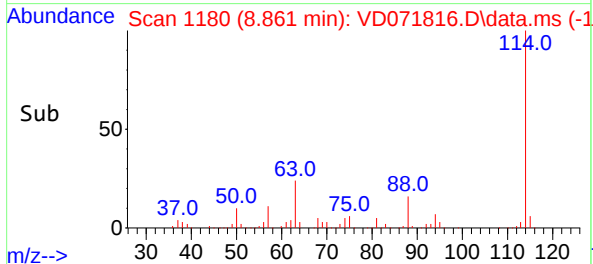
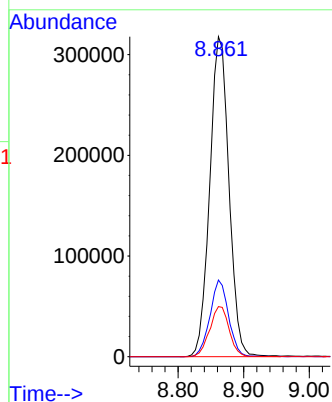
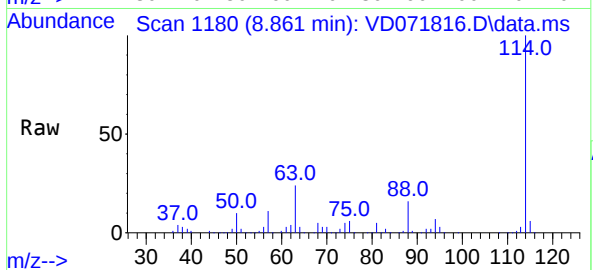




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

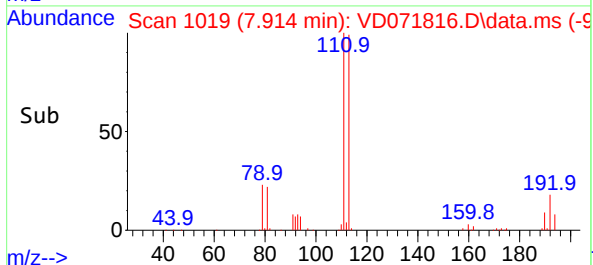
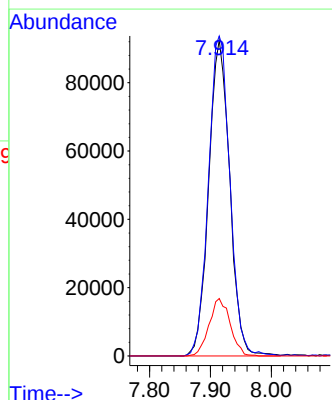
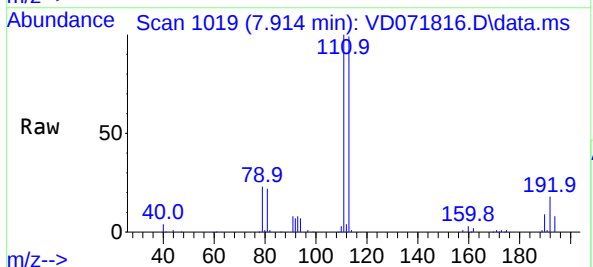
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

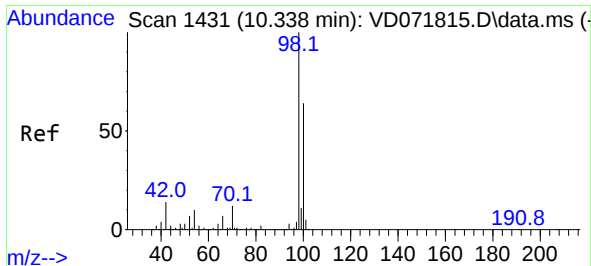
Tgt Ion:114 Resp: 645895
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.6
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 52.237 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Tgt Ion:113 Resp: 221779
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 18.2 14.6 21.8

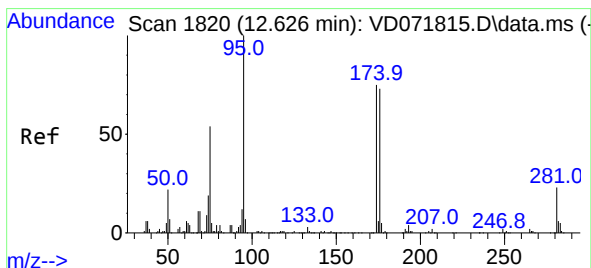
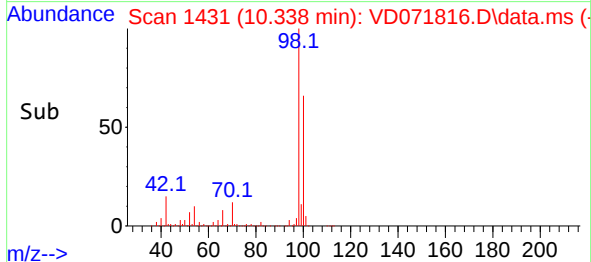
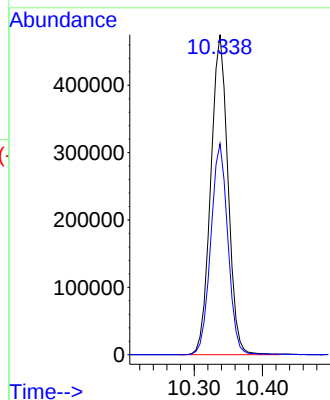
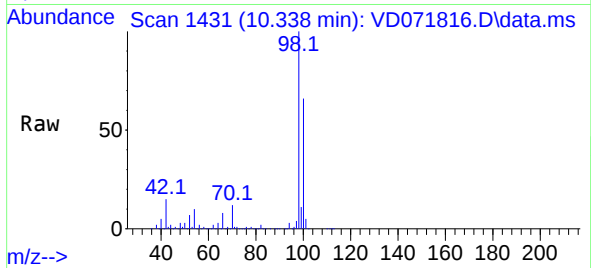




#50
Toluene-d8
Concen: 52.697 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

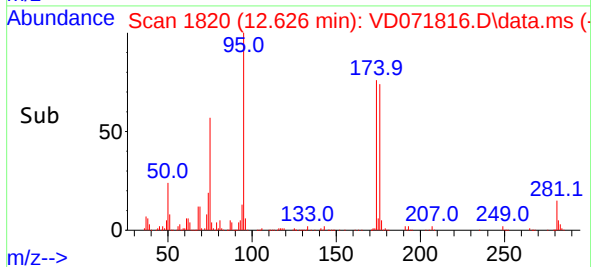
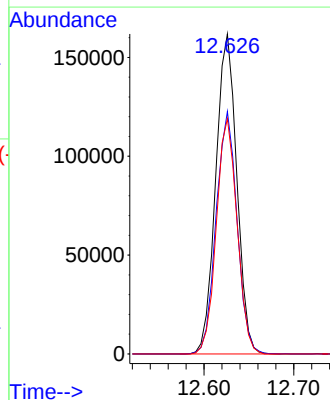
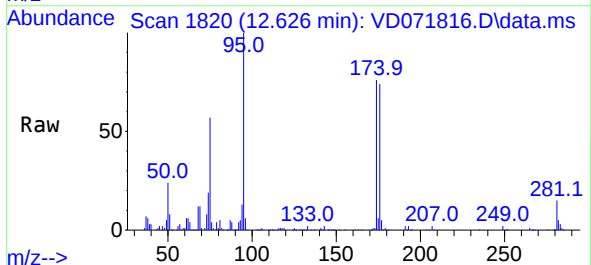
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

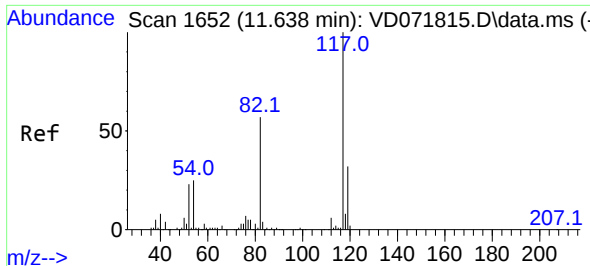
Tgt Ion: 98 Resp: 835575
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.527 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Tgt Ion: 95 Resp: 263165
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 72.4 0.0 145.4

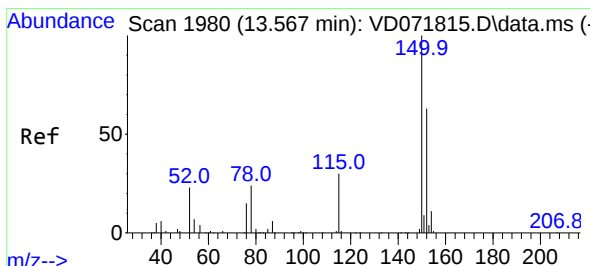
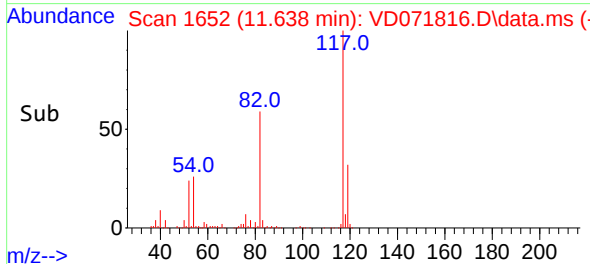
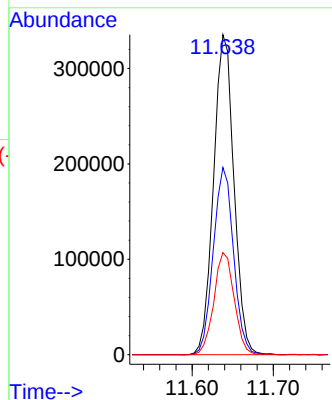
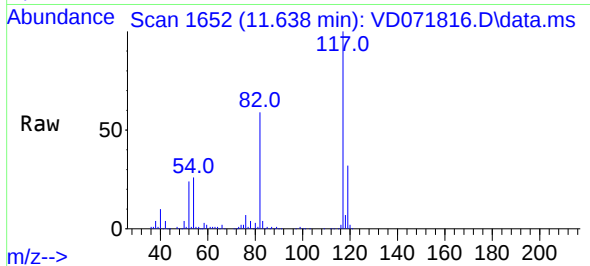




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

Tgt Ion:	117	Resp:	585184
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.3	67.9
119	31.9	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071816.D
Acq: 28 Jan 2022 11:34

Tgt Ion:	152	Resp:	252067
Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.3	93.8
150	158.5	0.0	348.6

