

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071234.D
 Acq On : 09 Dec 2021 17:58
 Operator : VA/SY
 Sample : M4989-10
 Misc : 6.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P28-10

Quant Time: Dec 10 06:46:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	281212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	483765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	515259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	243623	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137360	41.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.26%
35) Dibromofluoromethane	7.914	113	148362	48.16	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.32%
50) Toluene-d8	10.338	98	622233	53.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.16%
62) 4-Bromofluorobenzene	12.626	95	247177	60.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.66%

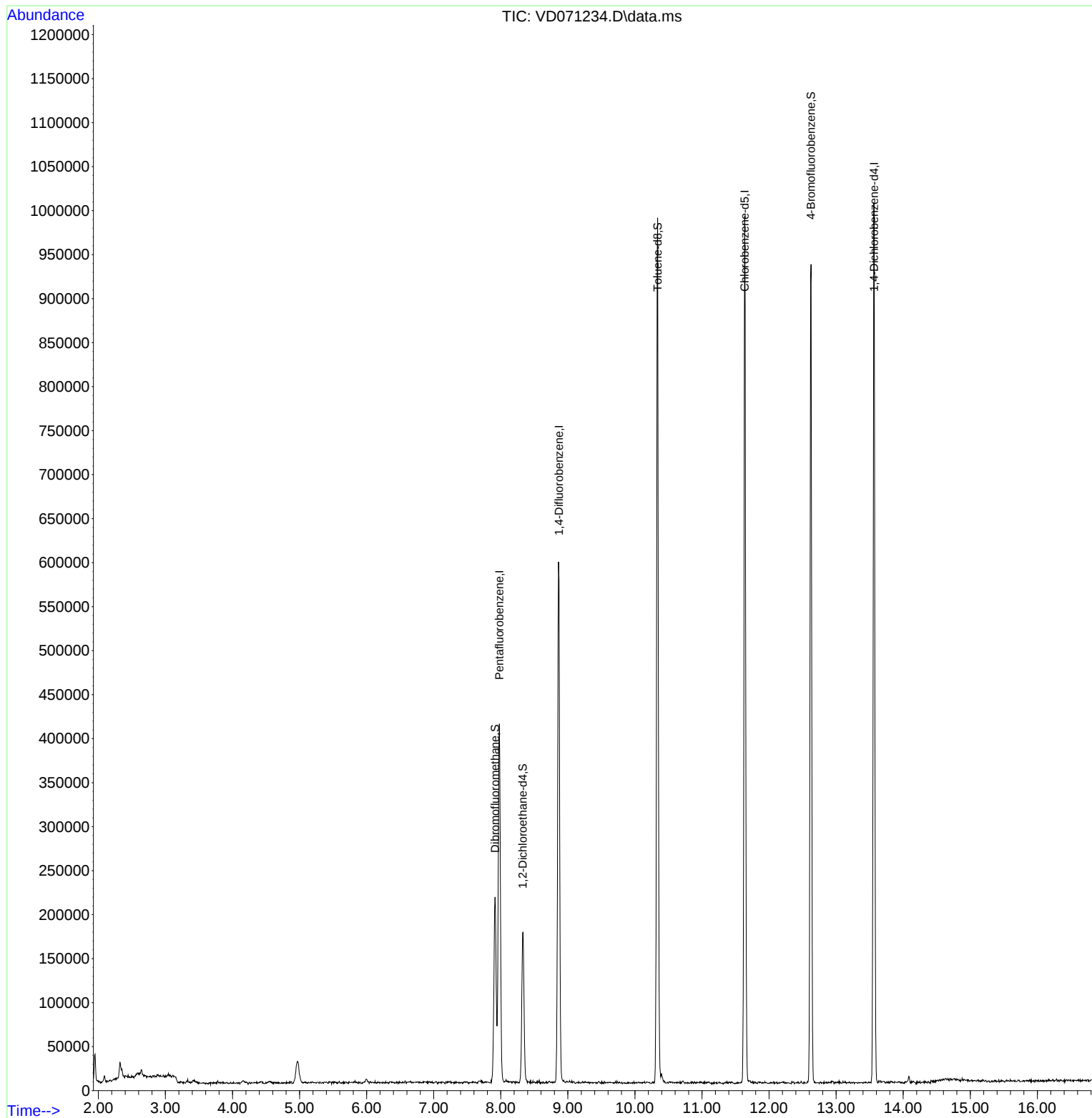
Target Compounds	Qvalue

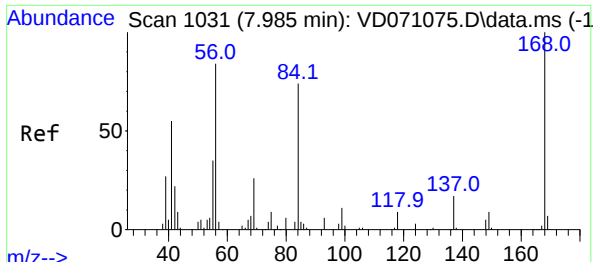
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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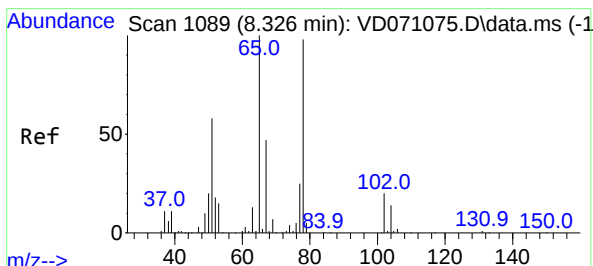
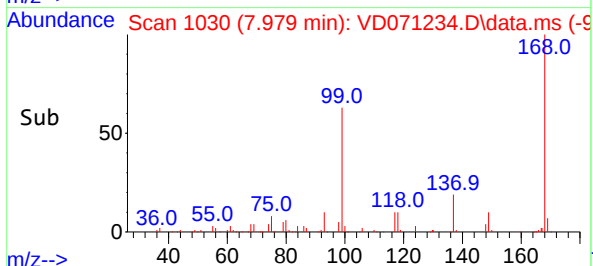
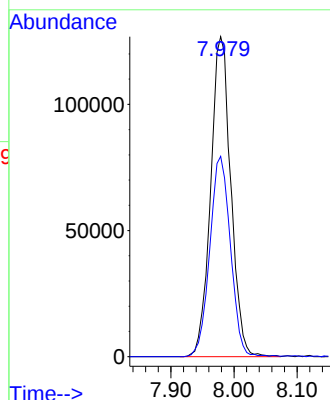
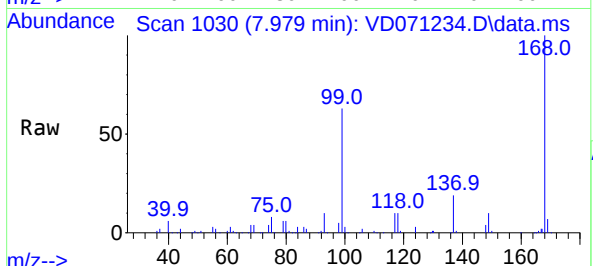




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

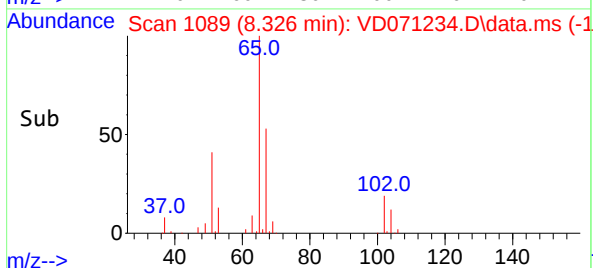
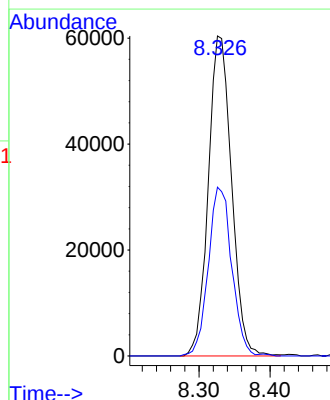
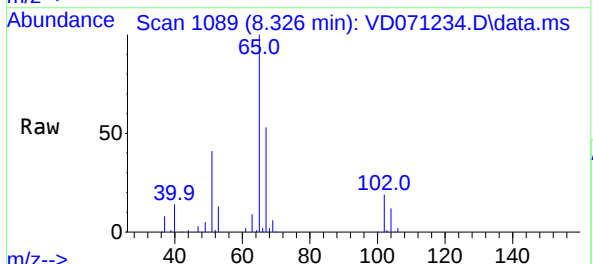
Instrument :
MSVOA_D
ClientSampleId :
P28-10

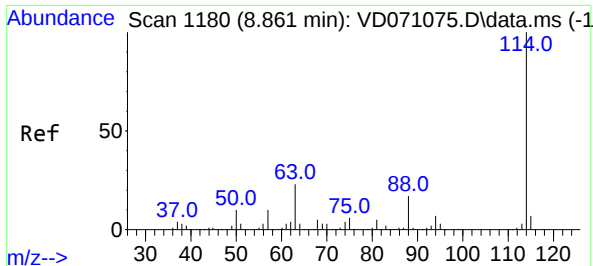
Tgt Ion:168 Resp: 281212
Ion Ratio Lower Upper
168 100
99 62.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 41.63 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Tgt Ion: 65 Resp: 137360
Ion Ratio Lower Upper
65 100
67 53.2 0.0 112.2

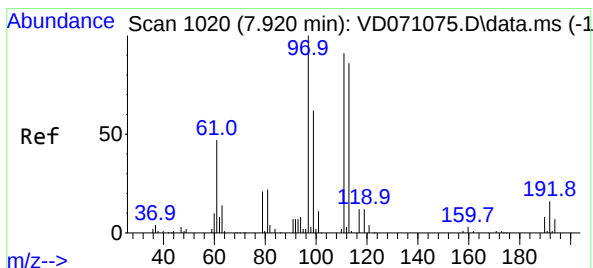
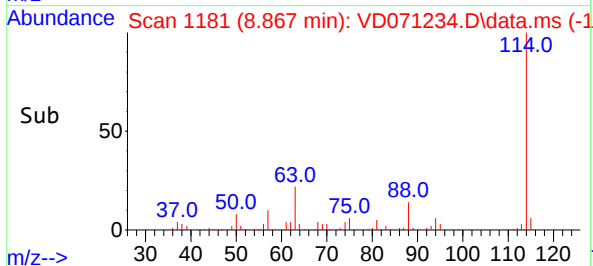
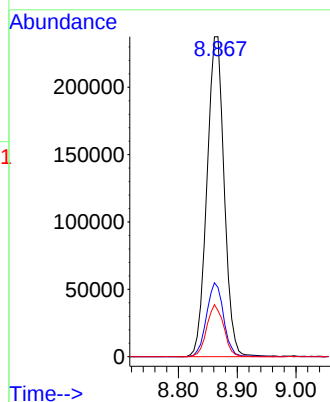
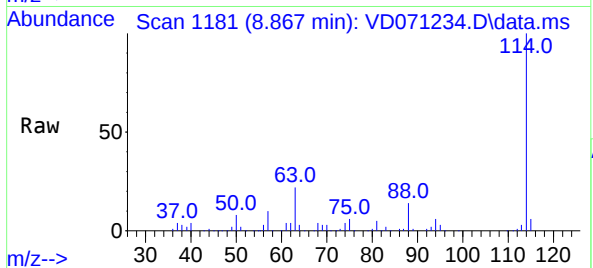




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

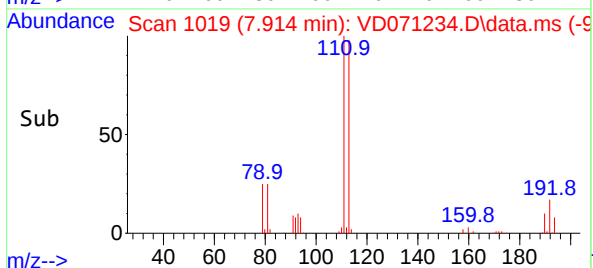
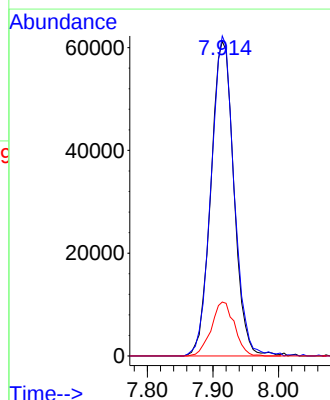
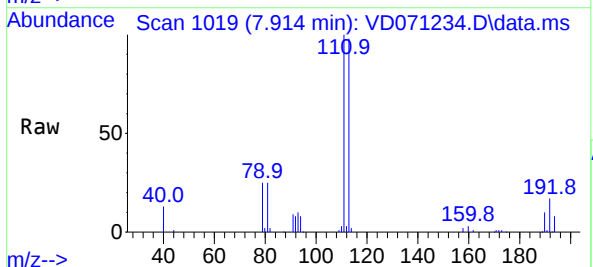
Instrument :
MSVOA_D
ClientSampleId :
P28-10

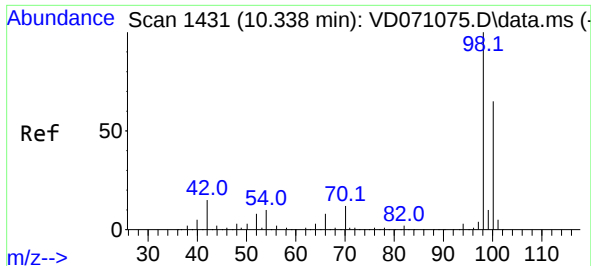
Tgt Ion:114 Resp: 483765
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 14.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.16 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Tgt Ion:113 Resp: 148362
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 17.3 15.2 22.8

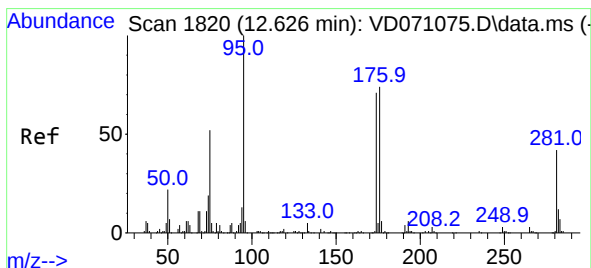
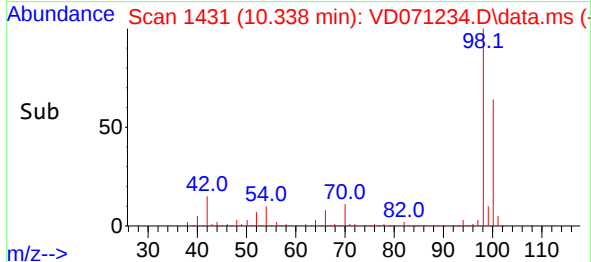
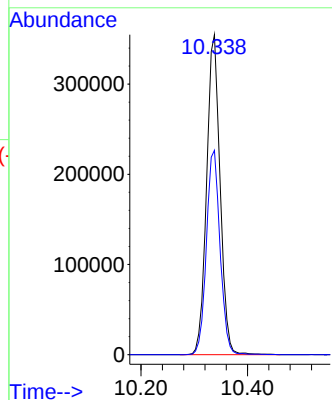
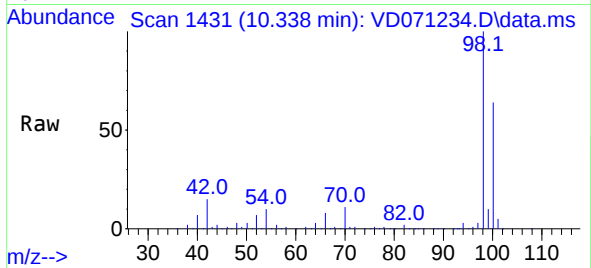




#50
Toluene-d8
Concen: 53.08 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

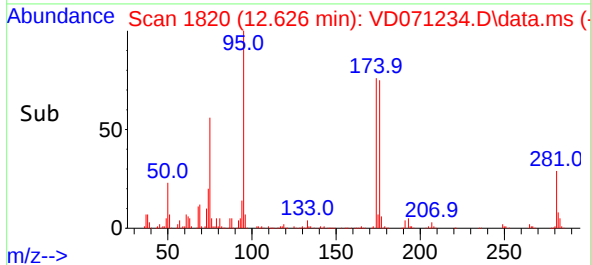
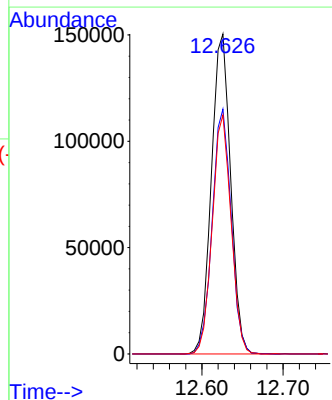
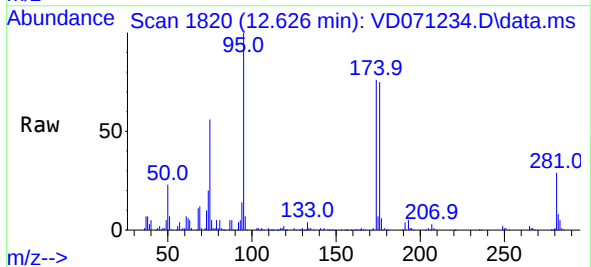
Instrument :
MSVOA_D
ClientSampleId :
P28-10

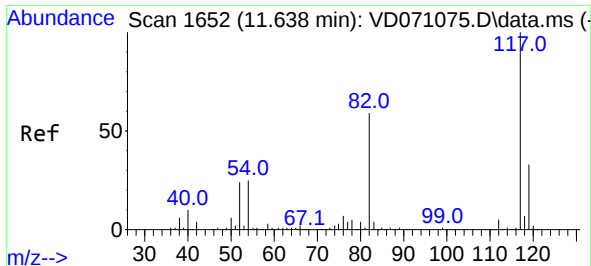
Tgt Ion: 98 Resp: 622233
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.83 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Tgt Ion: 95 Resp: 247177
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.4
176 72.9 0.0 154.0

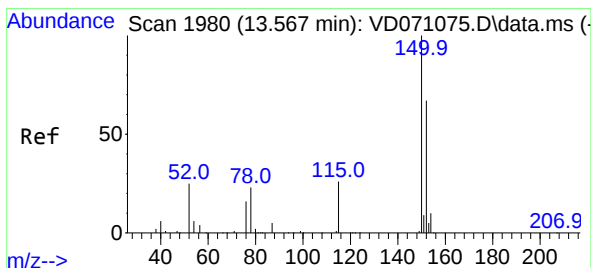
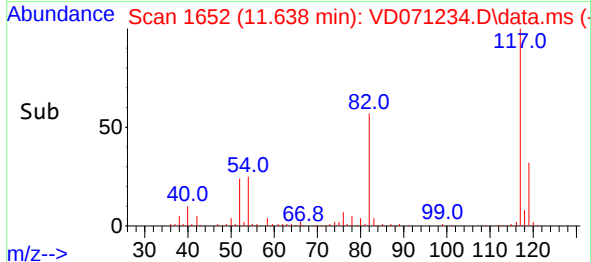
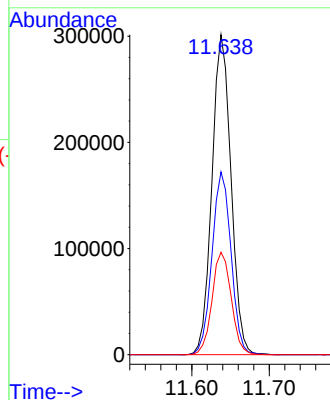
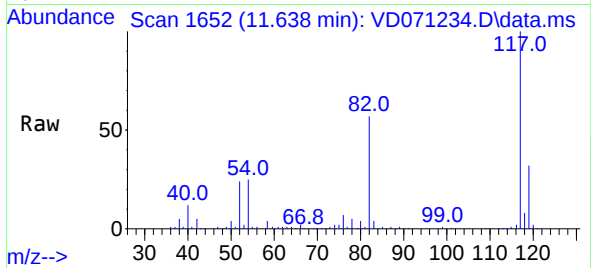




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :
P28-10

Tgt Ion:117 Resp: 515259
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071234.D
Acq: 09 Dec 2021 17:58

Tgt Ion:152 Resp: 243623
Ion Ratio Lower Upper
152 100
115 62.1 29.8 89.3
150 157.9 0.0 349.2

