

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071175.D
 Acq On : 07 Dec 2021 10:33
 Operator : VA/SY
 Sample : VD1207SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBL01

Quant Time: Dec 08 02:46:44 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	274654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	472067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	421267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	191897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152078	47.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.380%
35) Dibromofluoromethane	7.914	113	143985	47.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.800%
50) Toluene-d8	10.338	98	519513	45.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.626	95	177195	44.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.380%

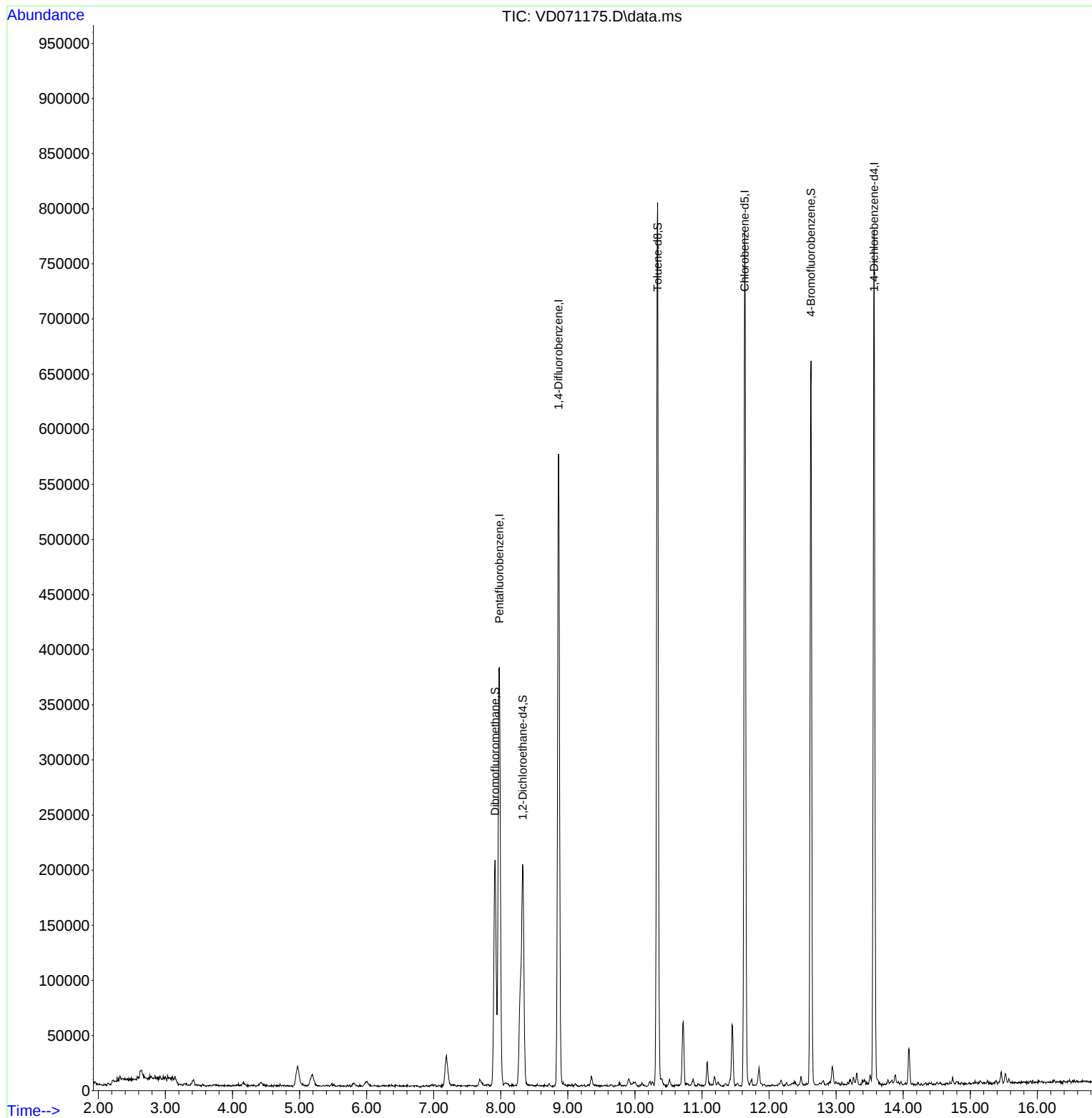
Target Compounds	Qvalue

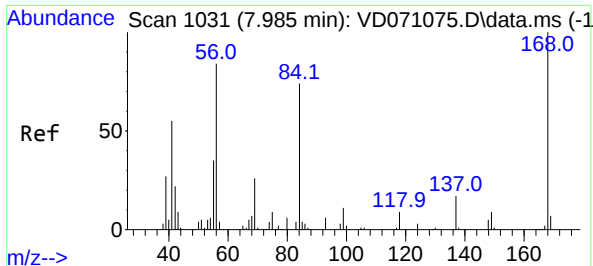
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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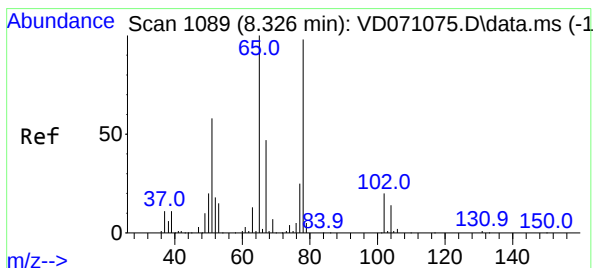
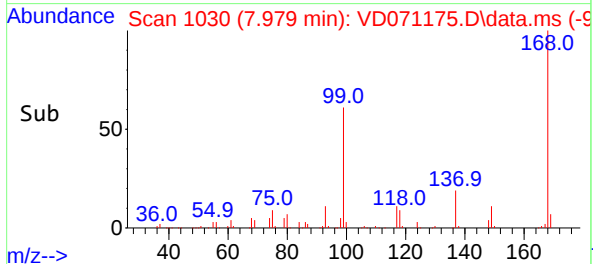
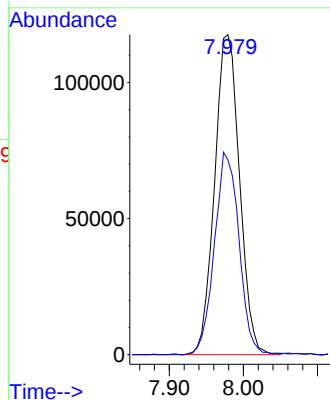
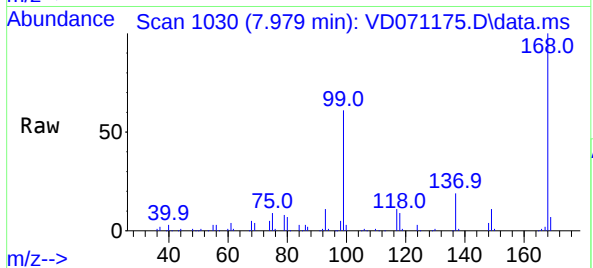




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

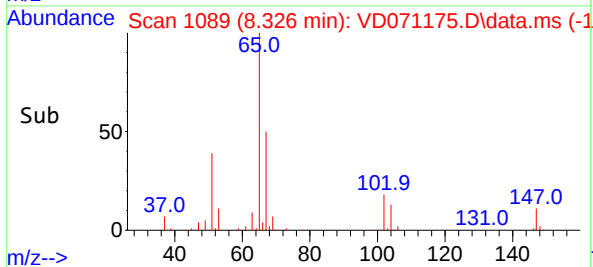
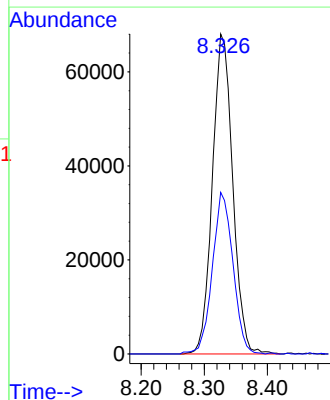
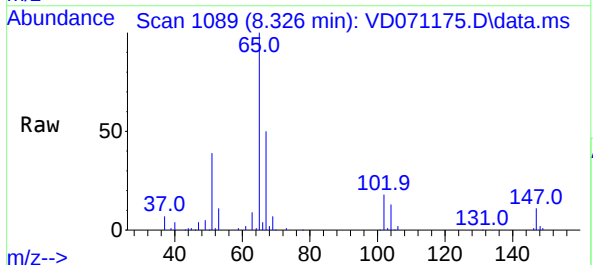
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

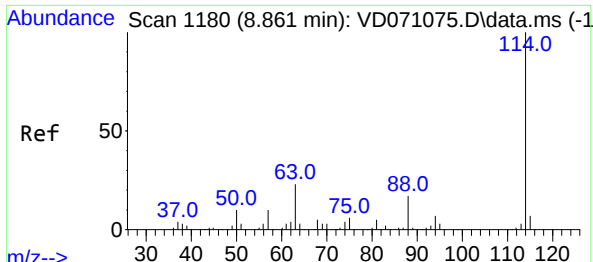
Tgt Ion:168 Resp: 274654
Ion Ratio Lower Upper
168 100
99 60.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 47.189 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Tgt Ion: 65 Resp: 152078
Ion Ratio Lower Upper
65 100
67 51.2 0.0 112.2



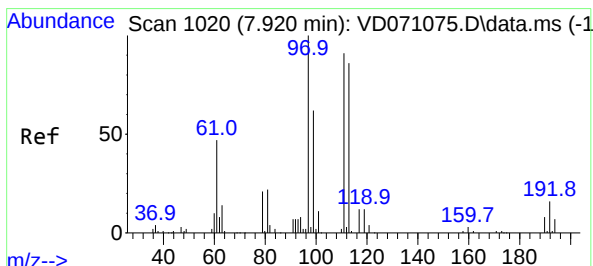
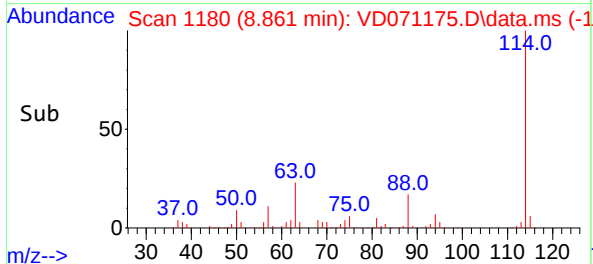
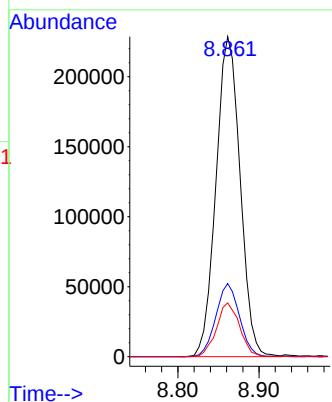
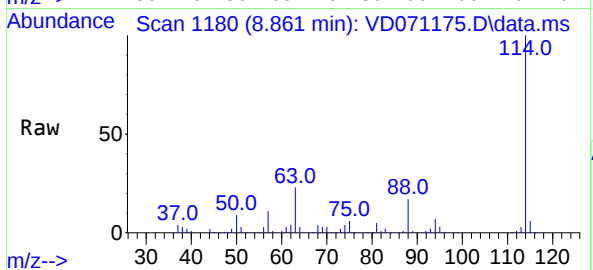


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Tgt Ion:114 Resp: 472067

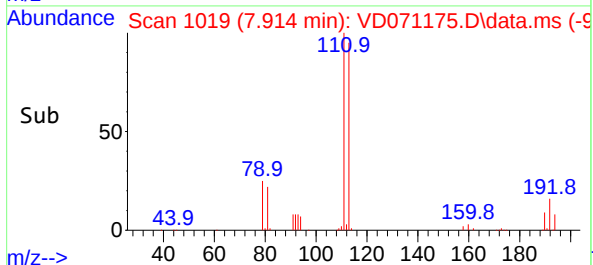
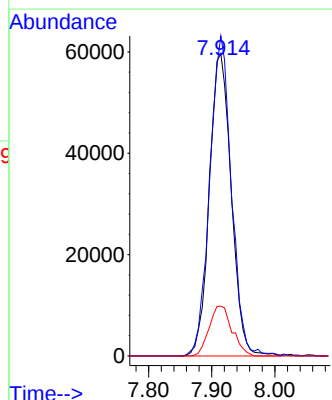
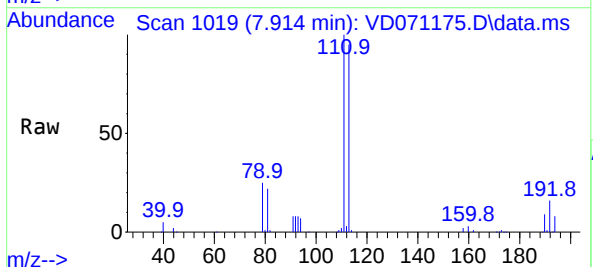
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.8
88	16.8	0.0	32.8

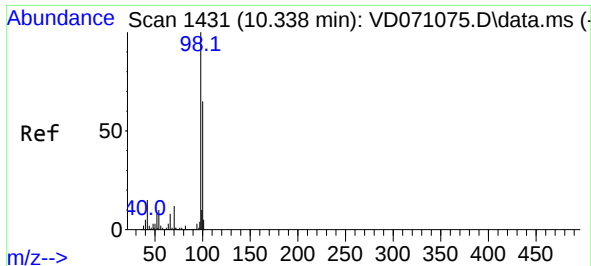


#35
Dibromofluoromethane
Concen: 47.898 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Tgt Ion:113 Resp: 143985

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.0	123.0
192	17.3	15.2	22.8

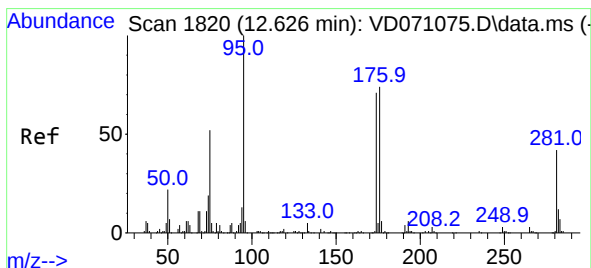
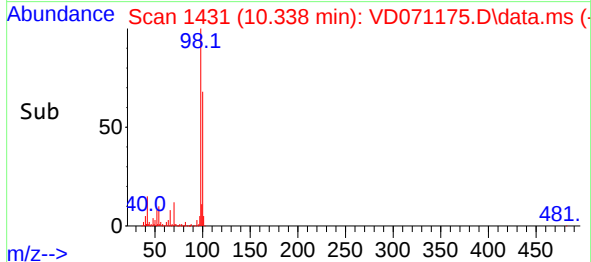
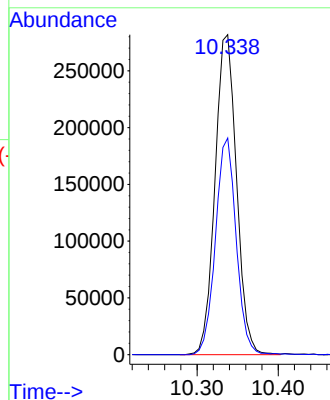
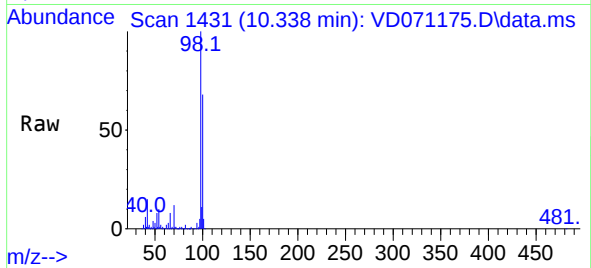




#50
Toluene-d8
Concen: 45.413 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

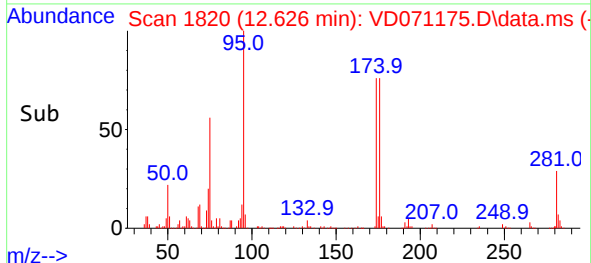
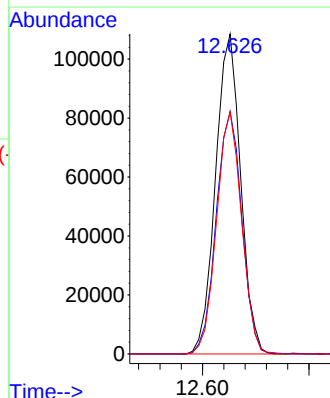
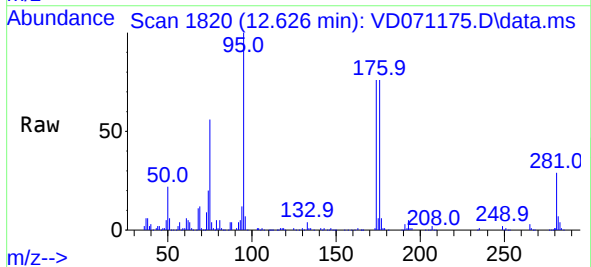
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

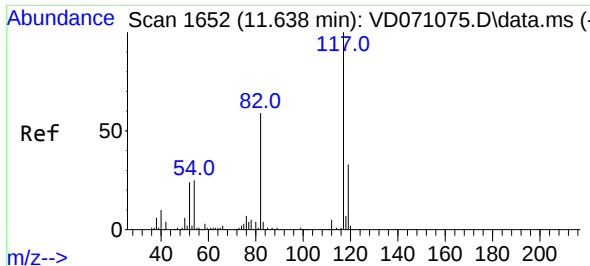
Tgt Ion: 98 Resp: 519513
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.685 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Tgt Ion: 95 Resp: 177195
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.4
176 75.2 0.0 154.0

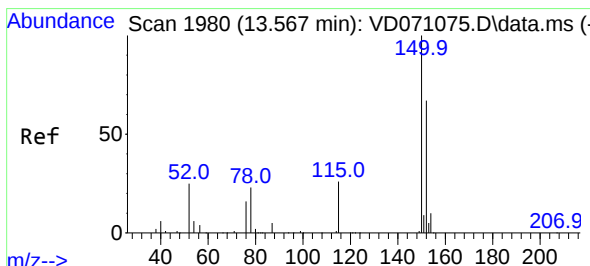
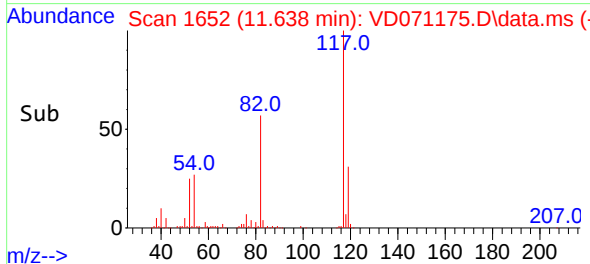
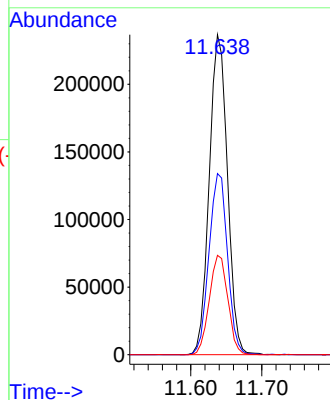
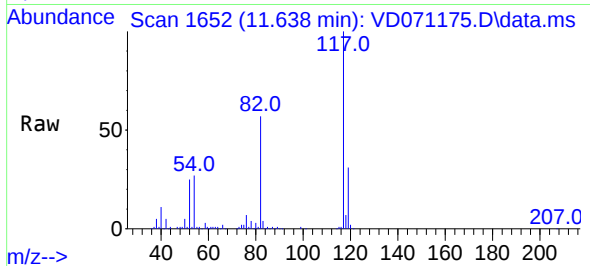




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Tgt Ion:117 Resp: 421267
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071175.D
Acq: 07 Dec 2021 10:33

Tgt Ion:152 Resp: 191897
Ion Ratio Lower Upper
152 100
115 60.2 29.8 89.3
150 156.1 0.0 349.2

