

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072987.D
 Acq On : 13 May 2022 14:04
 Operator : VA/SY
 Sample : VD0513SBL01
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL01

Quant Time: May 13 14:43:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	319660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176616	42.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.120%
35) Dibromofluoromethane	7.914	113	192896	47.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.332	98	705609	48.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.620	95	250740	46.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.200%

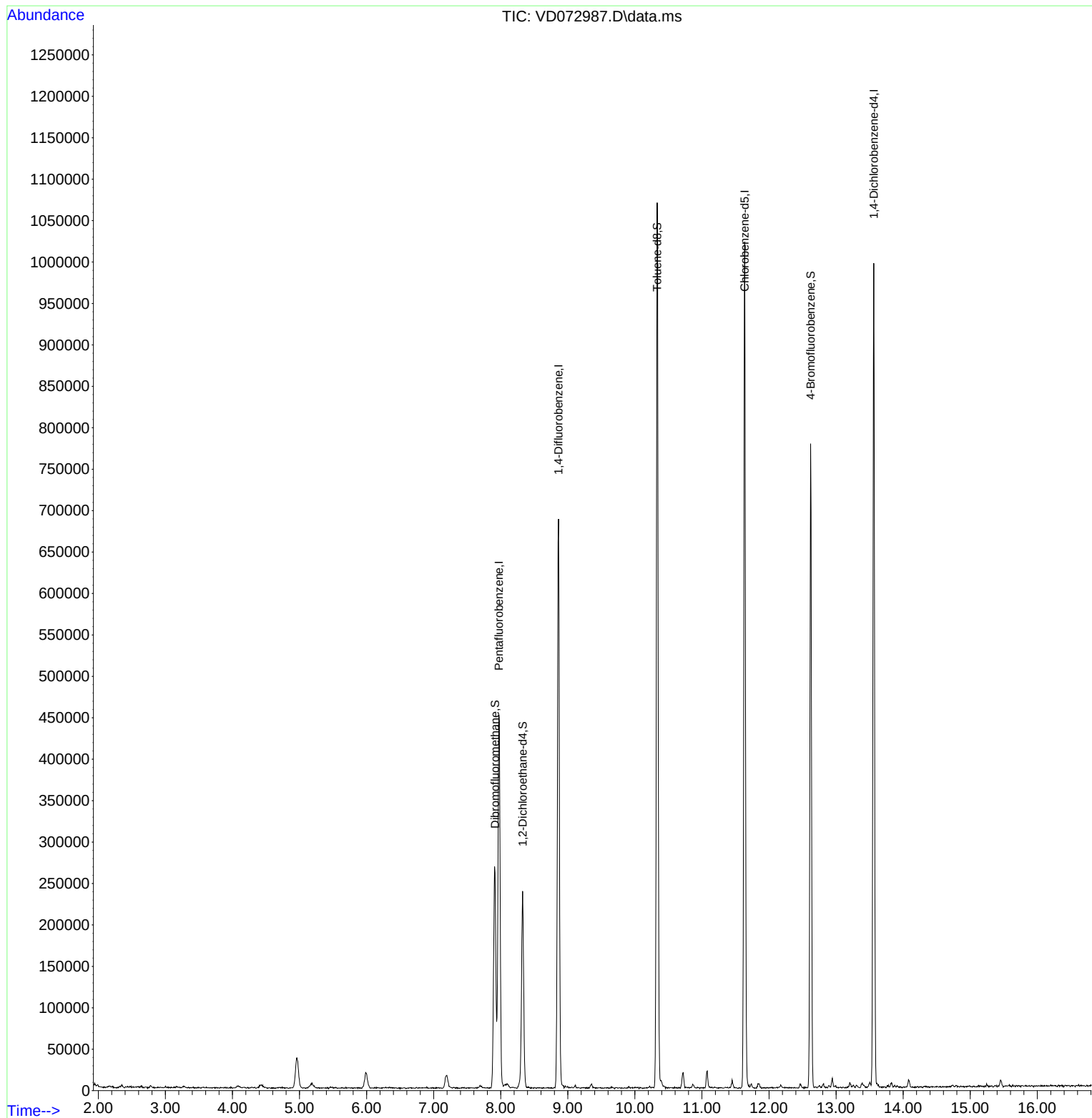
Target Compounds	Qvalue

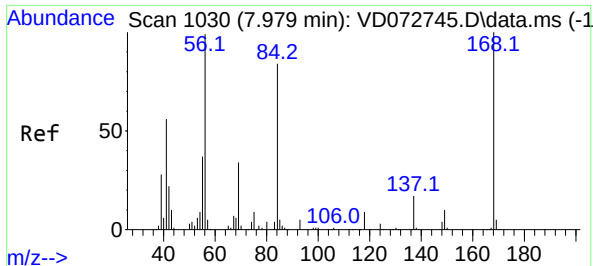
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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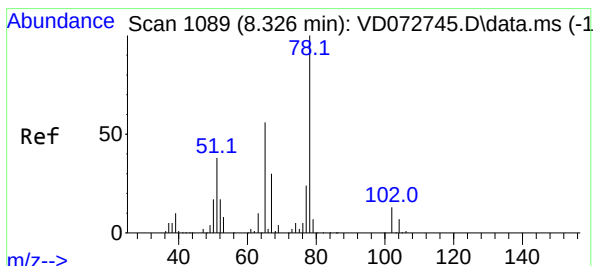
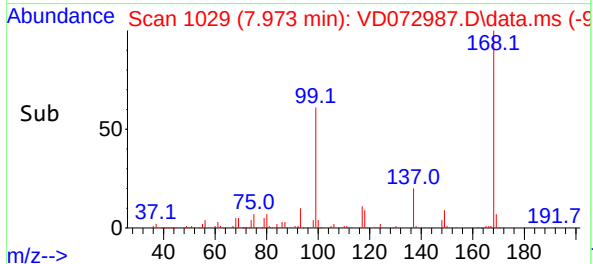
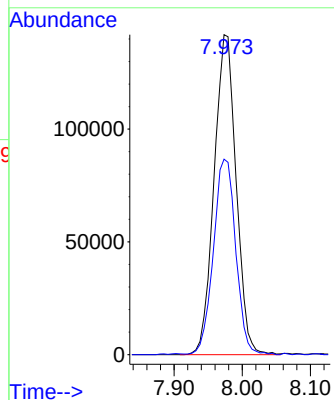
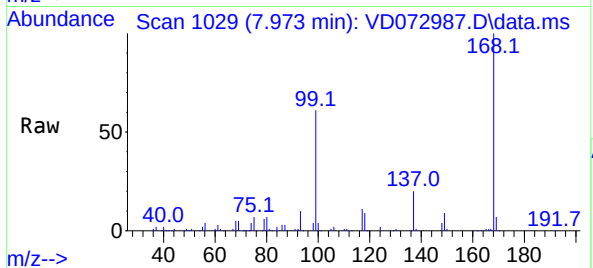




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

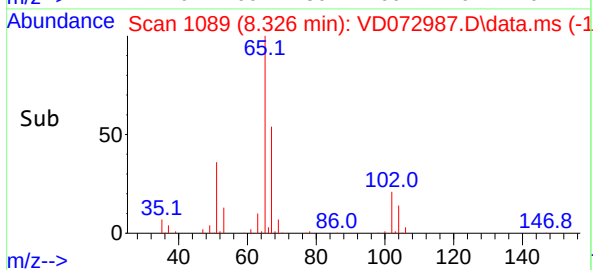
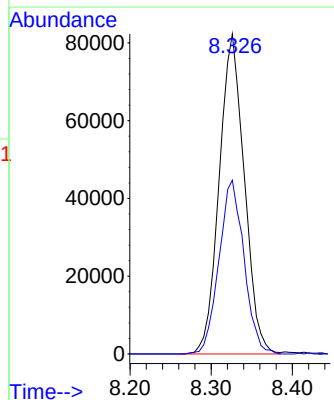
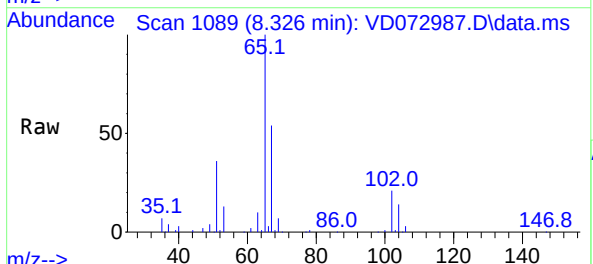
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

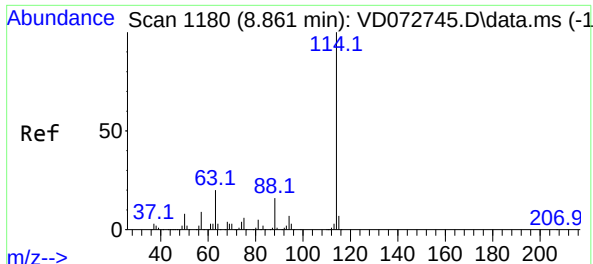
Tgt Ion:168 Resp: 319660
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 42.564 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Tgt Ion: 65 Resp: 176616
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.4



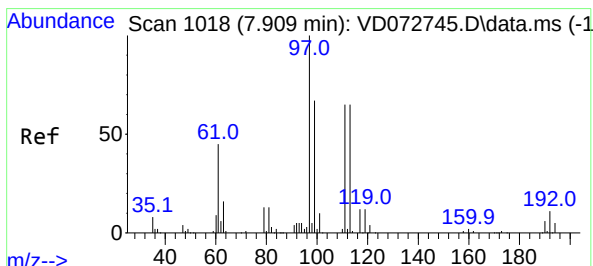
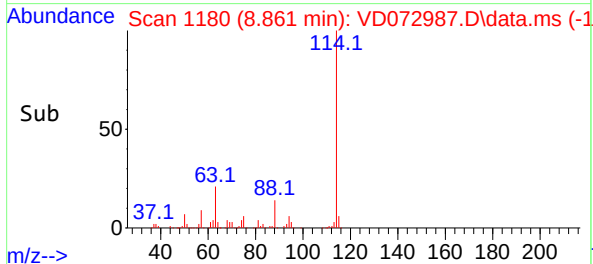
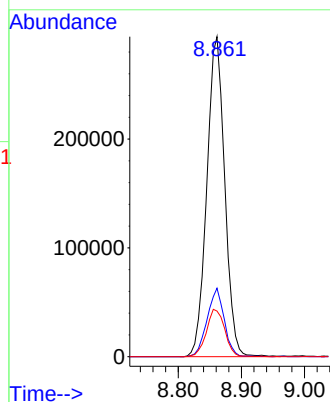
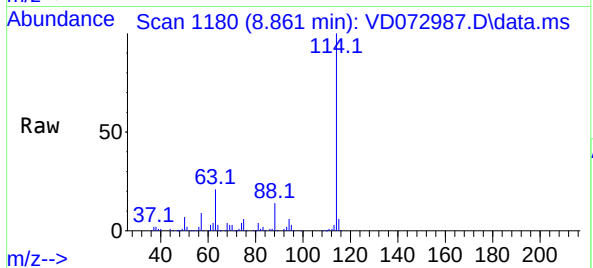


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

Tgt Ion:114 Resp: 579057

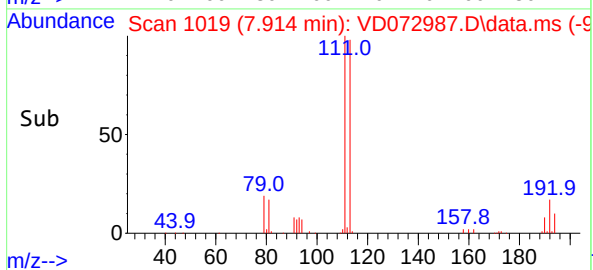
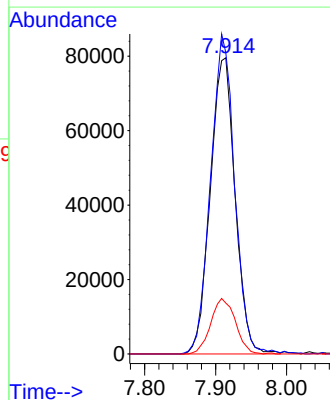
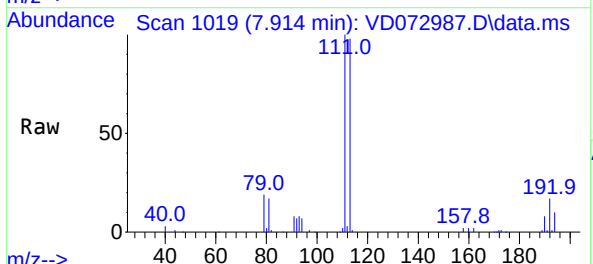
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	46.6
88	14.3	0.0	33.2

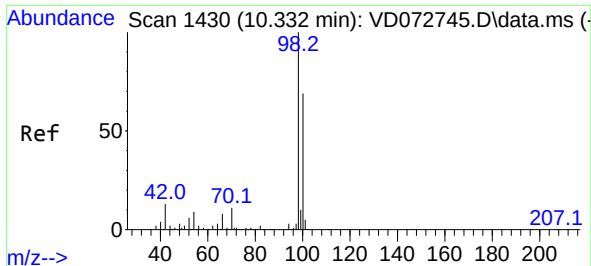


#35
Dibromofluoromethane
Concen: 47.432 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.005 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Tgt Ion:113 Resp: 192896

Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.8	125.6
192	18.6	14.6	21.8

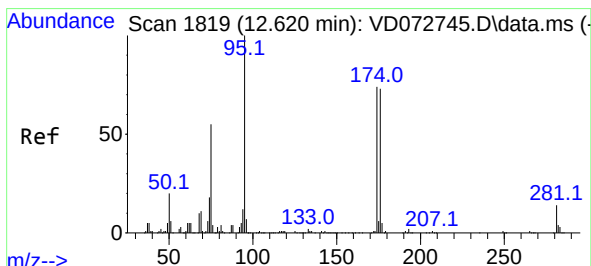
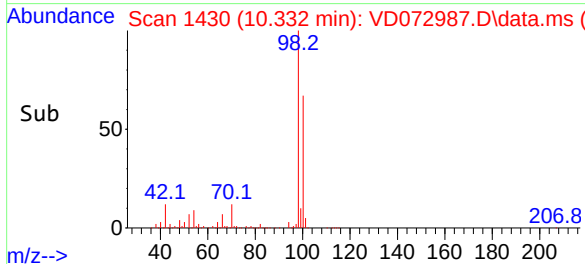
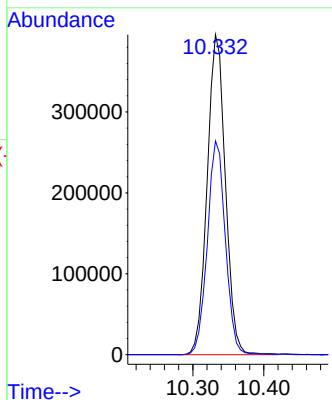
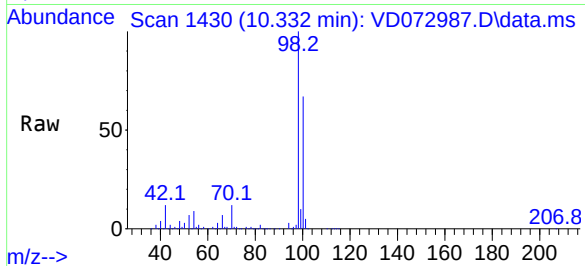




#50
Toluene-d8
Concen: 48.369 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

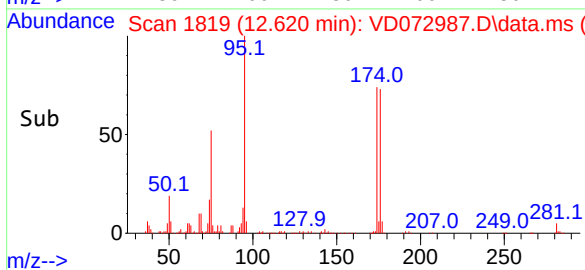
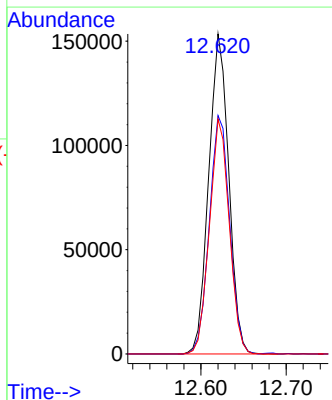
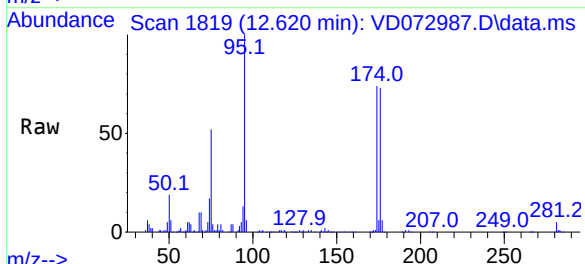
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

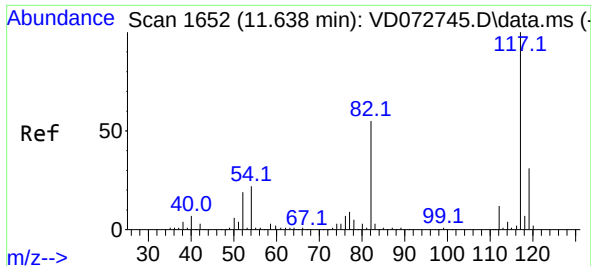
Tgt Ion: 98 Resp: 705609
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.097 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Tgt Ion: 95 Resp: 250740
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.6 0.0 145.4

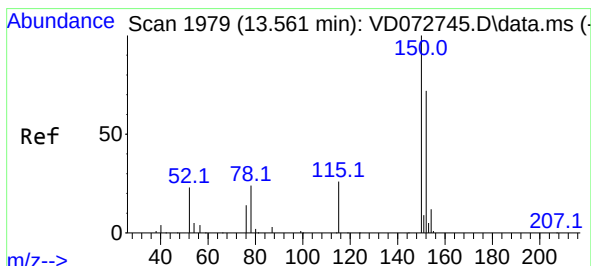
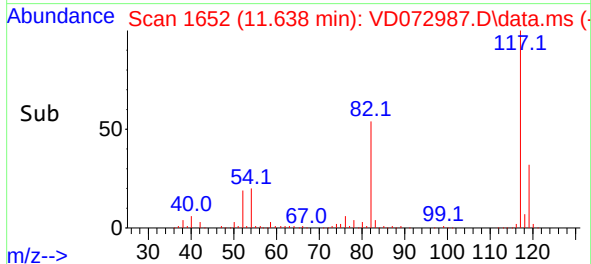
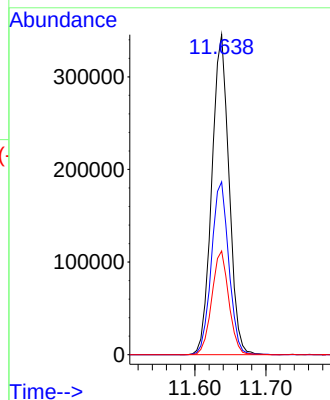
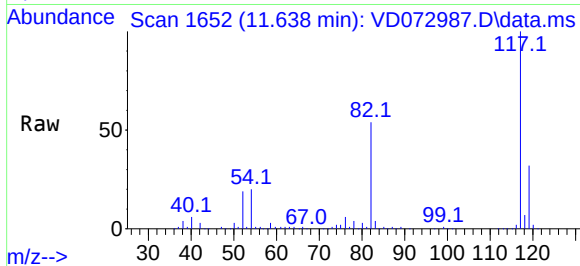




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

Tgt Ion:117 Resp: 580370
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072987.D
Acq: 13 May 2022 14:04

Tgt Ion:152 Resp: 256447
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 161.5 0.0 348.6

