

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072997.D
 Acq On : 13 May 2022 18:51
 Operator : VA/SY
 Sample : N2816-05
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-0006-01

Quant Time: May 16 05:16:00 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	345034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	607886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	600530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264760	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185440	41.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.800%
35) Dibromofluoromethane	7.908	113	197453	46.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.500%
50) Toluene-d8	10.332	98	741789	48.438	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.620	95	274440	48.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.120%

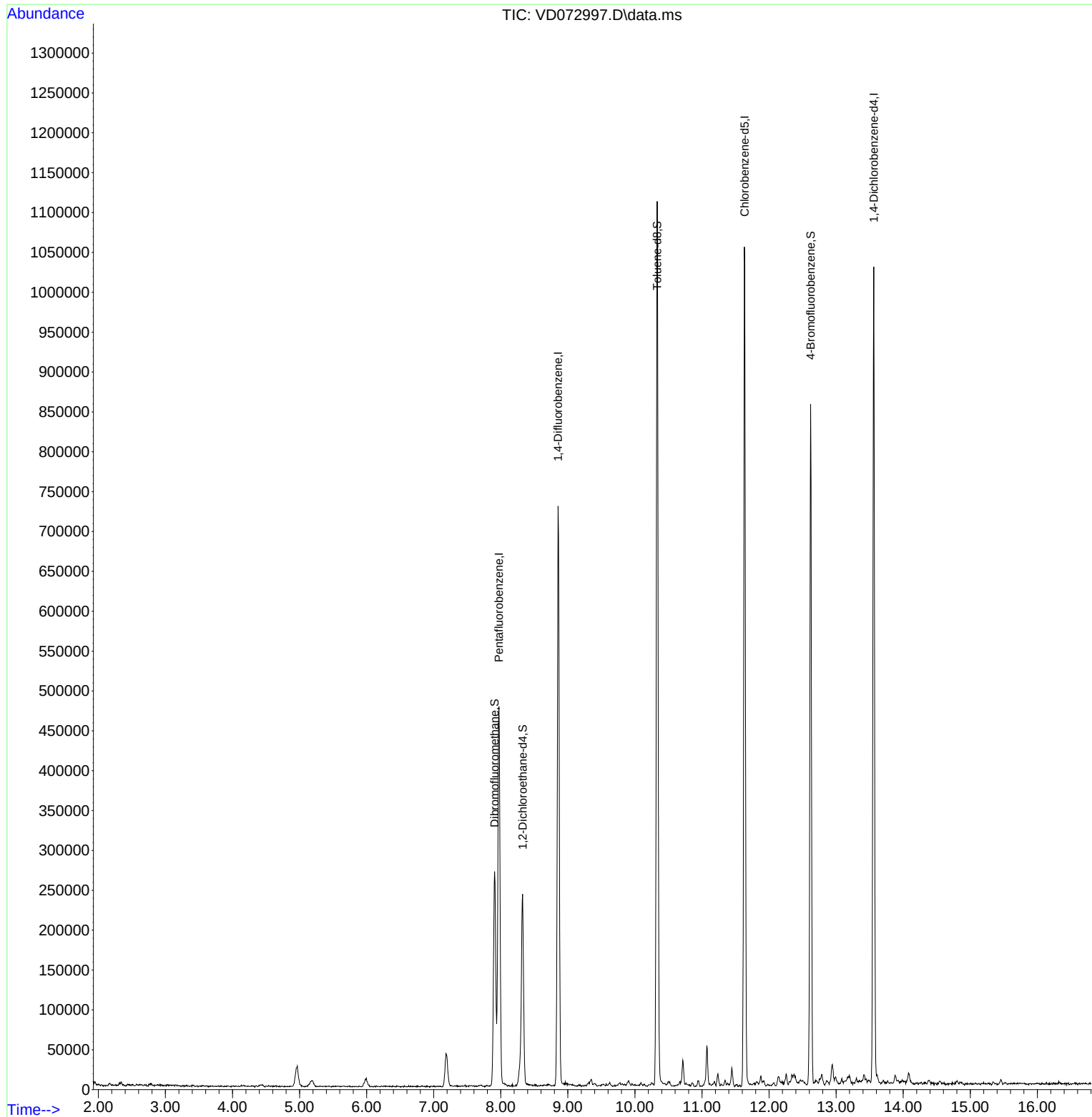
Target Compounds	Qvalue

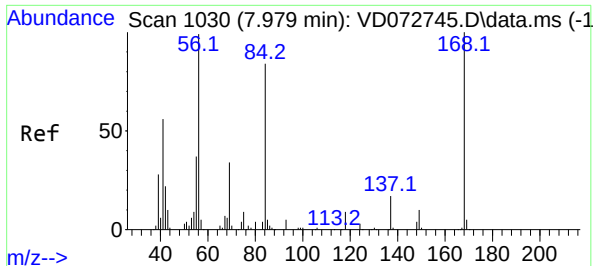
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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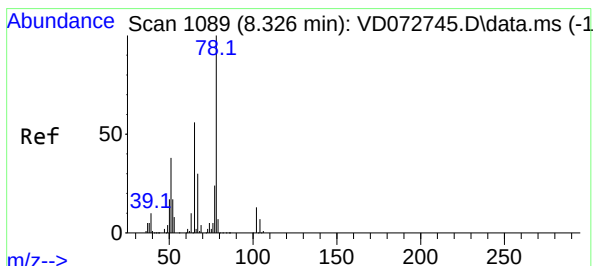
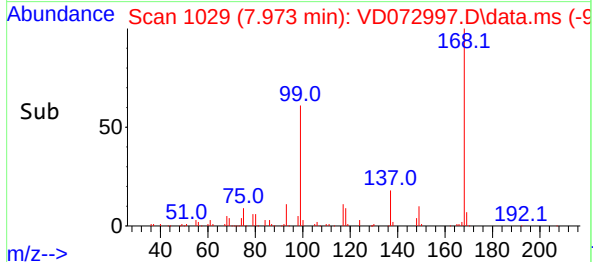
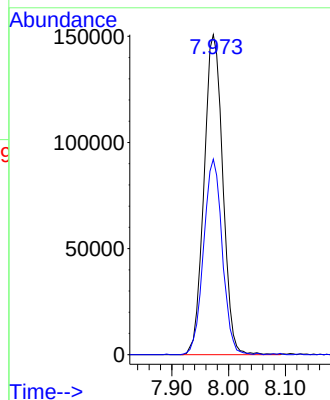
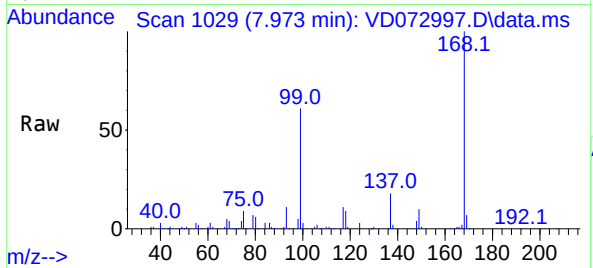




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072997.D
Acq: 13 May 2022 18:51

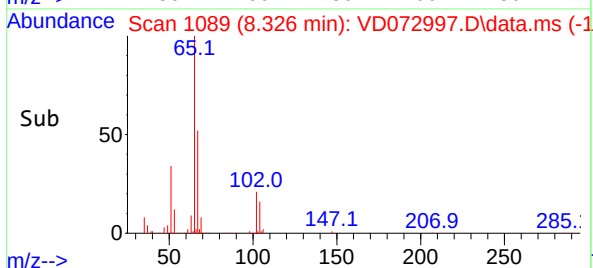
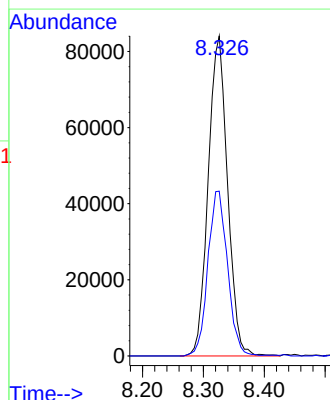
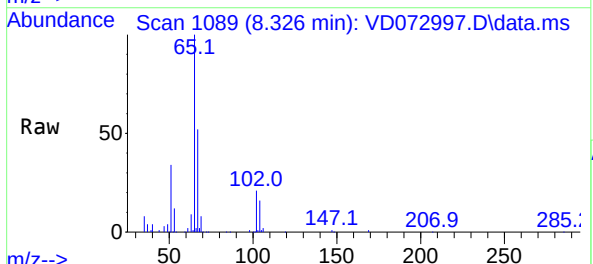
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-0006-01

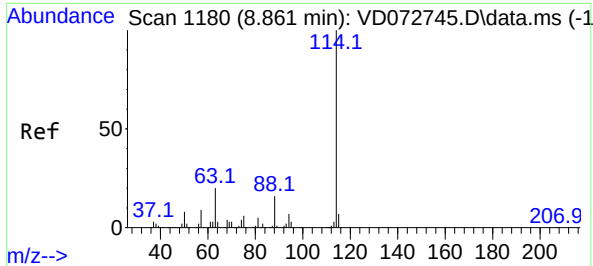
Tgt Ion:168 Resp: 345034
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 41.404 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072997.D
Acq: 13 May 2022 18:51

Tgt Ion: 65 Resp: 185440
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4



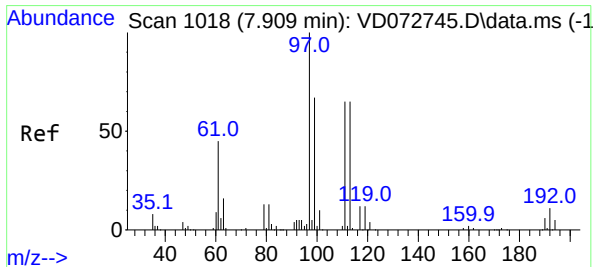
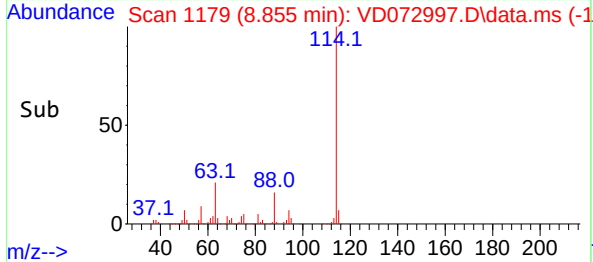
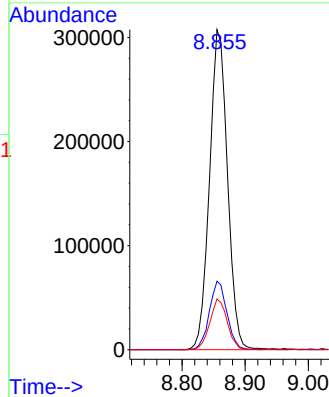
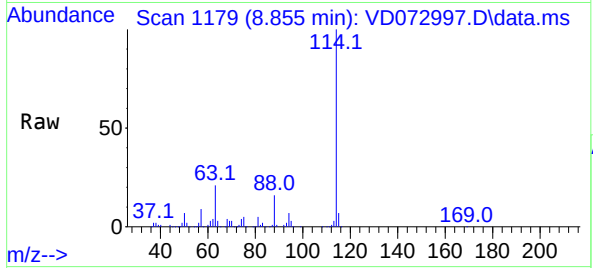


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072997.D
Acq: 13 May 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-0006-01

Tgt Ion:114 Resp: 607886

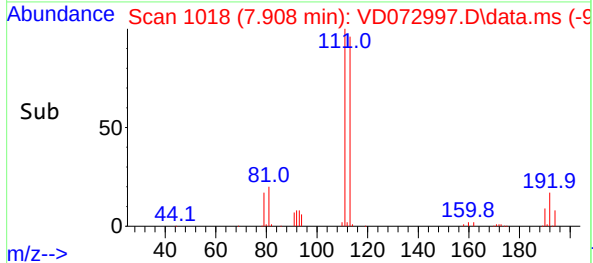
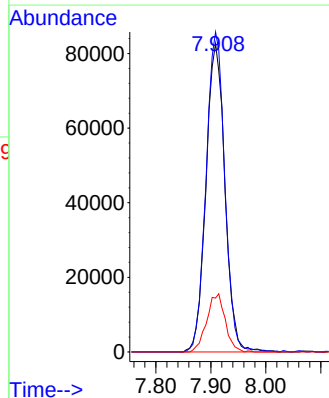
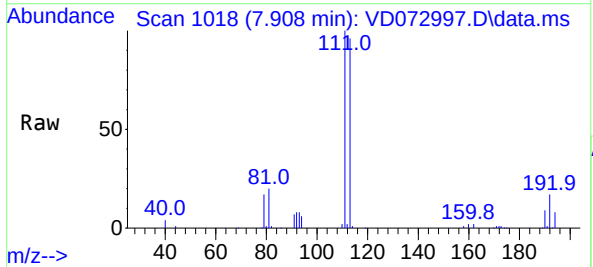
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	46.6
88	15.8	0.0	33.2

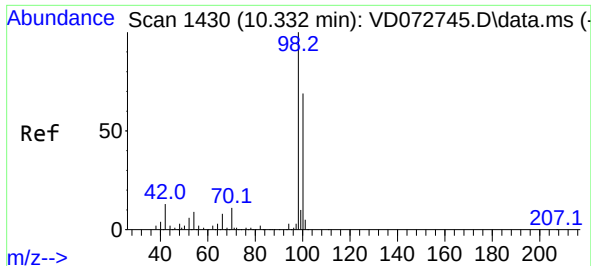


#35
Dibromofluoromethane
Concen: 46.250 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072997.D
Acq: 13 May 2022 18:51

Tgt Ion:113 Resp: 197453

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	18.5	14.6	21.8

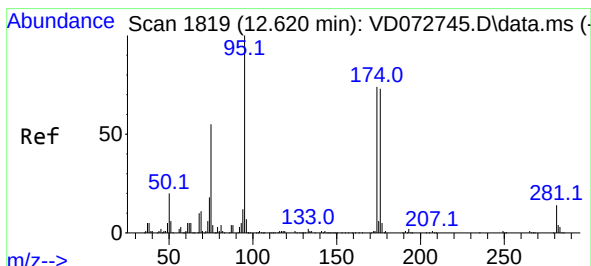
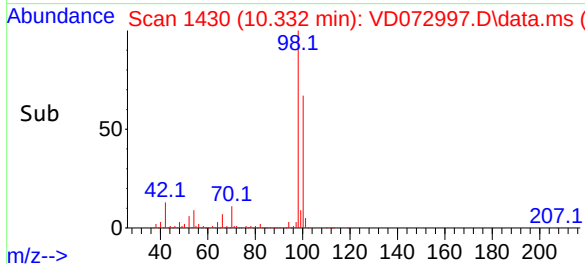
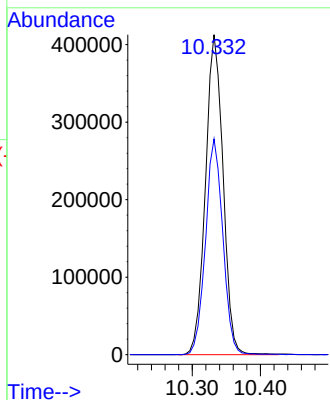
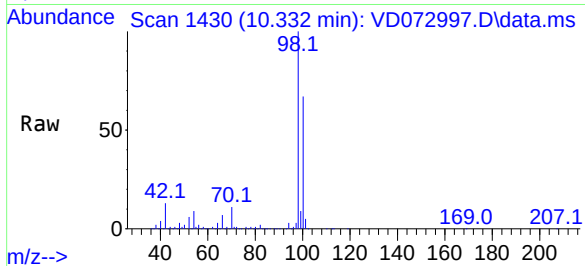




#50
Toluene-d8
Concen: 48.438 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072997.D
Acq: 13 May 2022 18:51

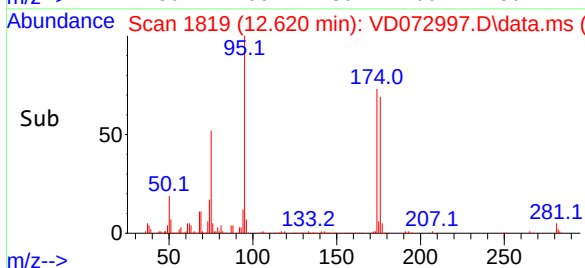
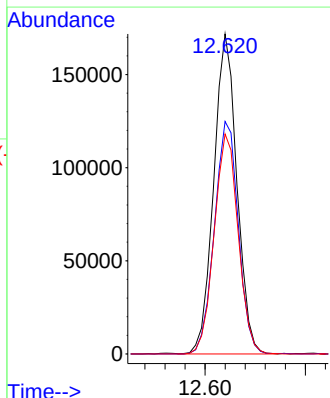
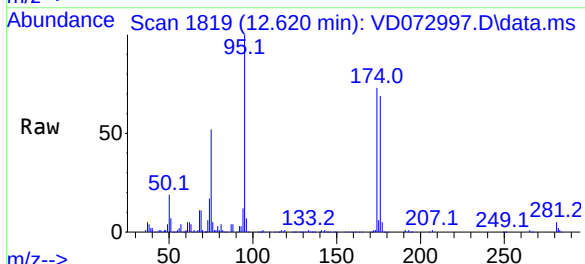
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-0006-01

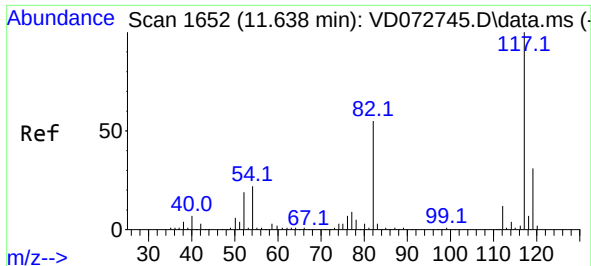
Tgt Ion: 98 Resp: 741789
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.061 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072997.D
Acq: 13 May 2022 18:51

Tgt Ion: 95 Resp: 274440
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 71.3 0.0 145.4

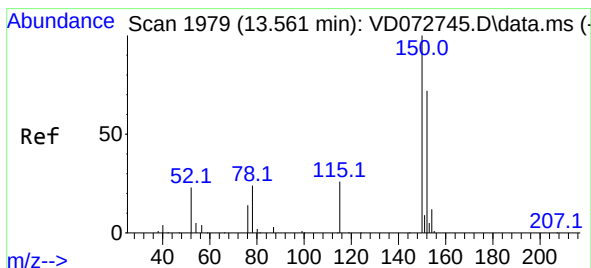
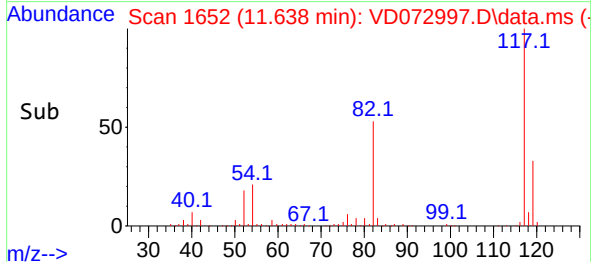
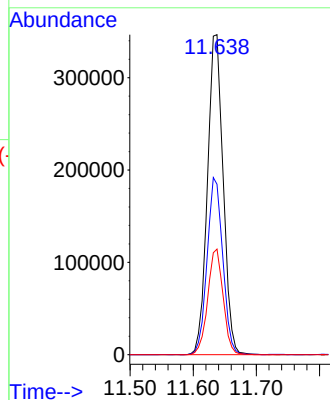
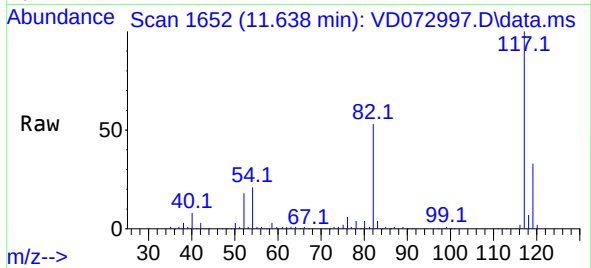




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072997.D
Acq: 13 May 2022 18:51

Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-0006-01

Tgt Ion:117 Resp: 600530
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 33.0 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: VD072997.D
Acq: 13 May 2022 18:51

Tgt Ion:152 Resp: 264760
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 159.3 0.0 348.6

