

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072961.D
 Acq On : 12 May 2022 21:42
 Operator : VA/SY
 Sample : N2817-03
 Misc : 4.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS019-0006-01

Quant Time: May 13 05:58:49 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	321158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	562443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183481	44.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.020%
35) Dibromofluoromethane	7.908	113	191066	48.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.000%
50) Toluene-d8	10.332	98	696077	48.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.620	95	238106	44.724	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.440%

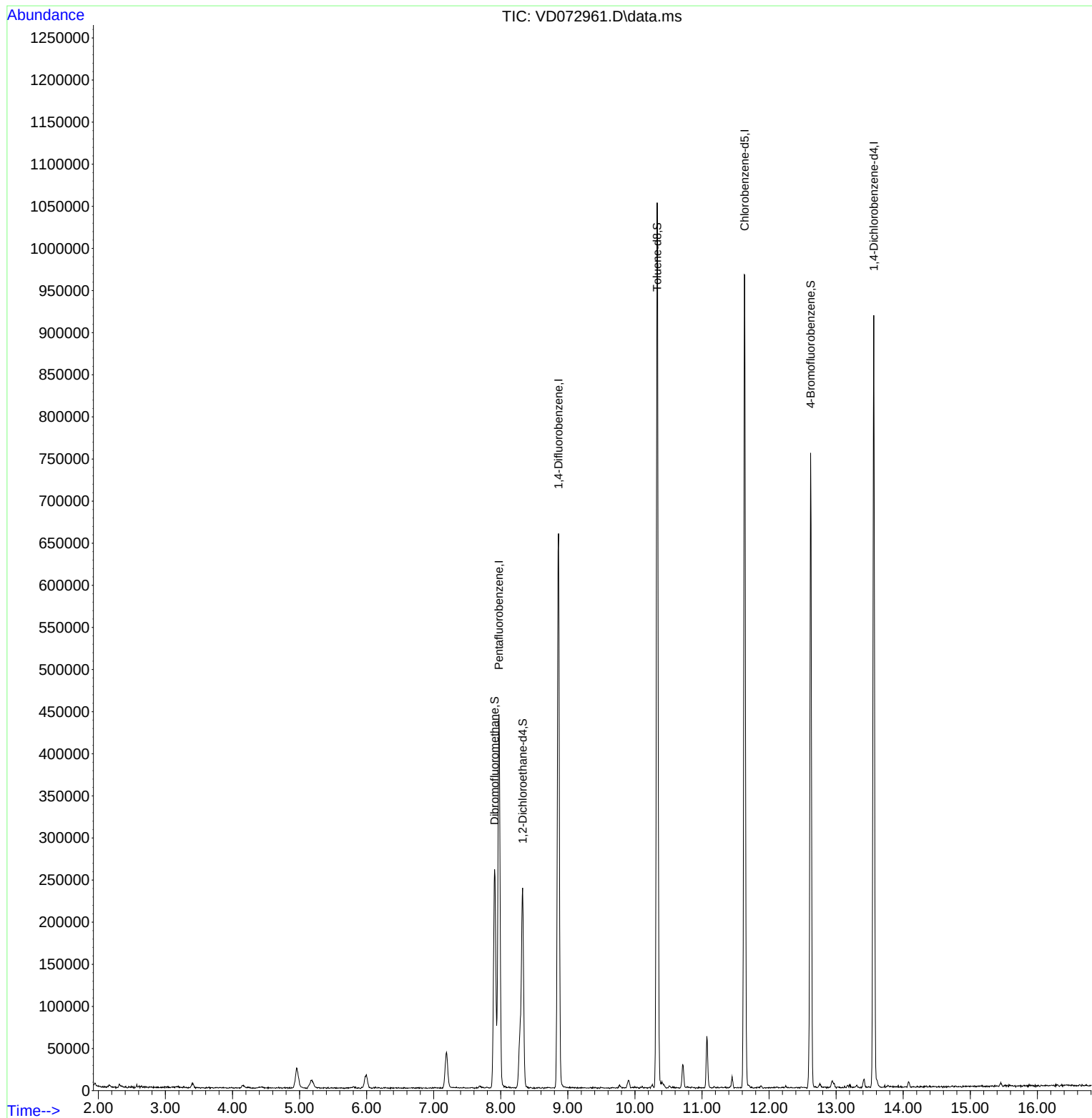
Target Compounds	Qvalue

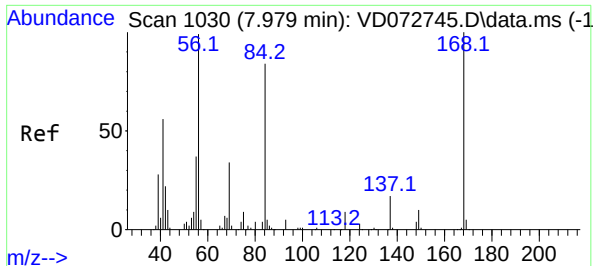
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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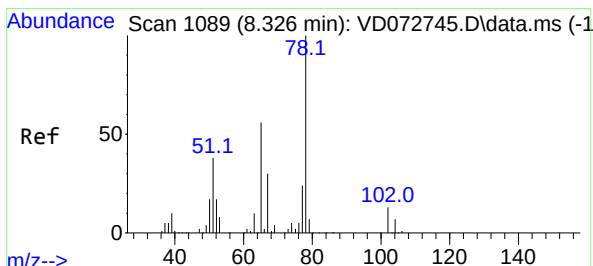
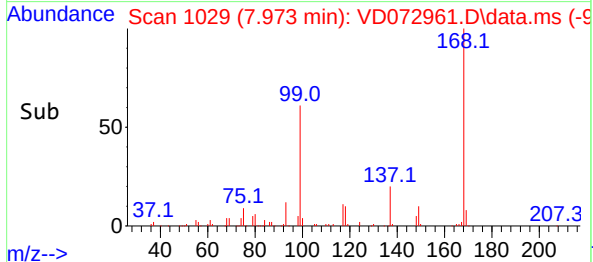
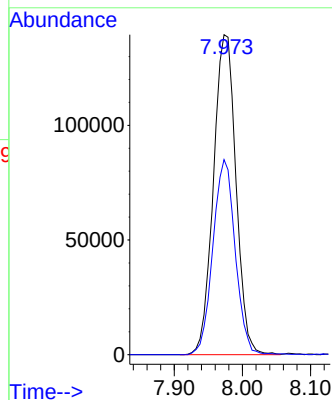
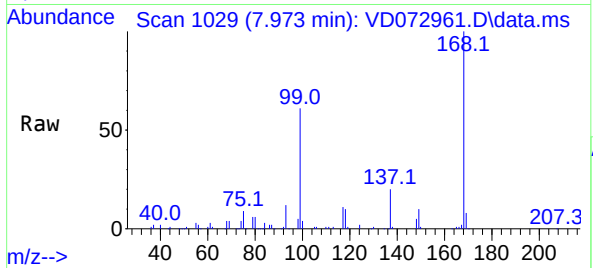




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

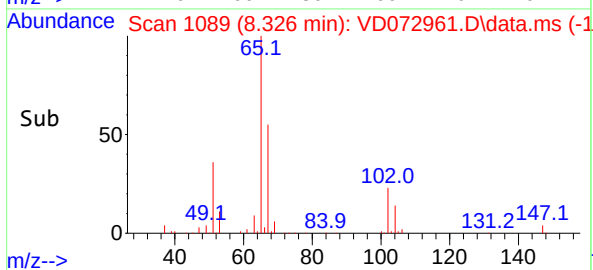
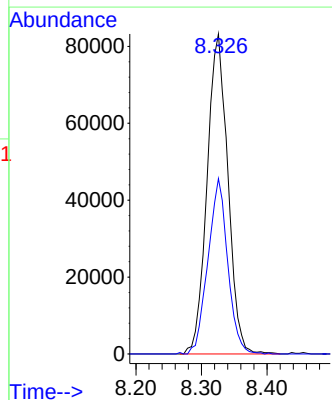
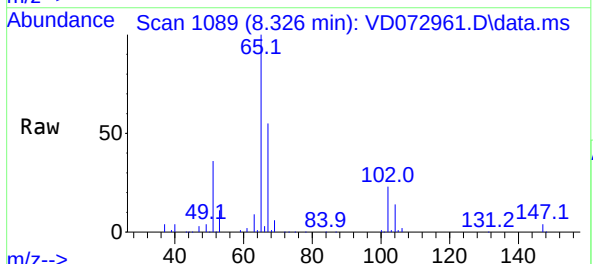
Instrument :
MSVOA_D
ClientSampleId :
P007-SS019-0006-01

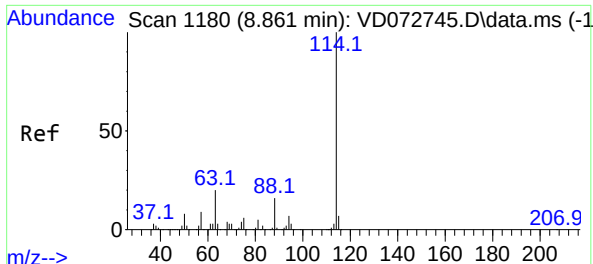
Tgt Ion:168 Resp: 321158
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.012 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Tgt Ion: 65 Resp: 183481
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4

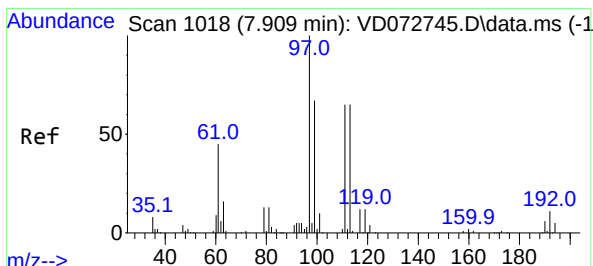
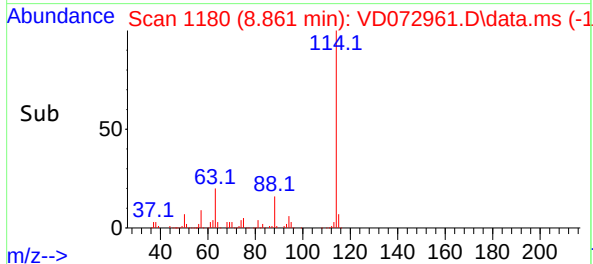
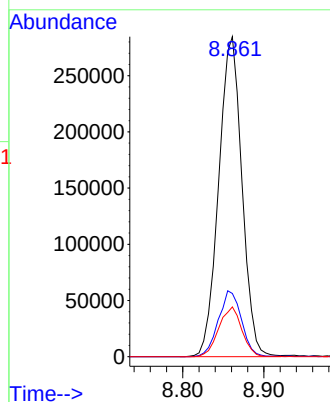
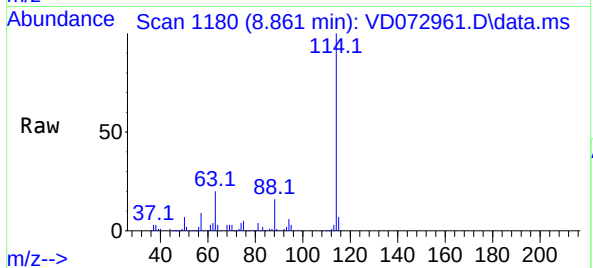




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

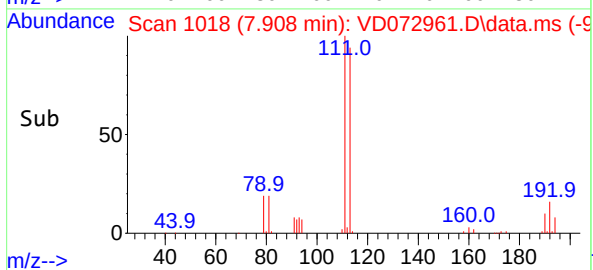
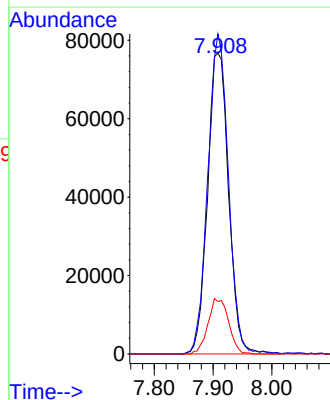
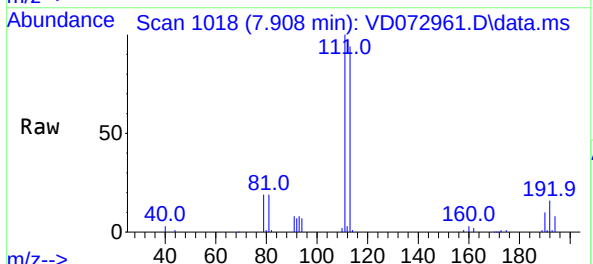
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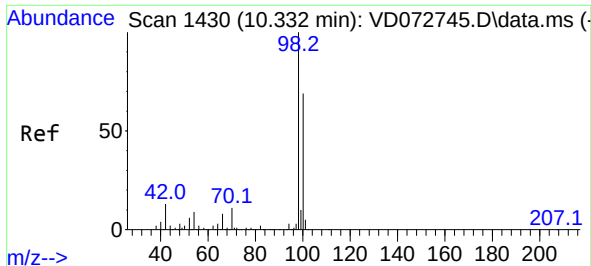
Tgt Ion:	114	Resp:	566751
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	46.6
88	15.5	0.0	33.2



#35
Dibromofluoromethane
Concen: 48.002 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Tgt Ion:	113	Resp:	191066
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.8	125.6
192	18.0	14.6	21.8

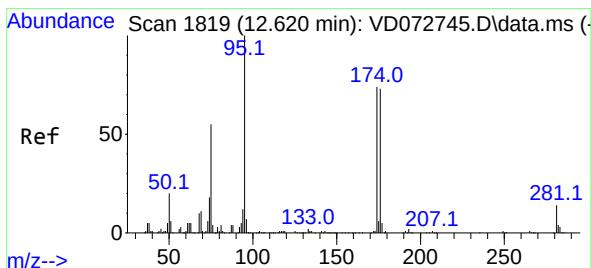
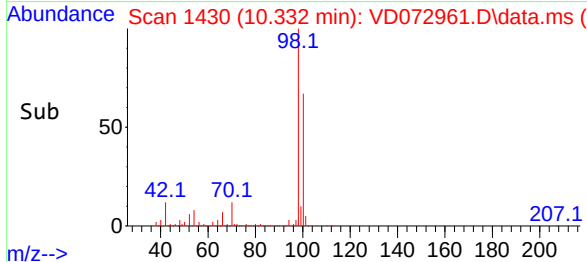
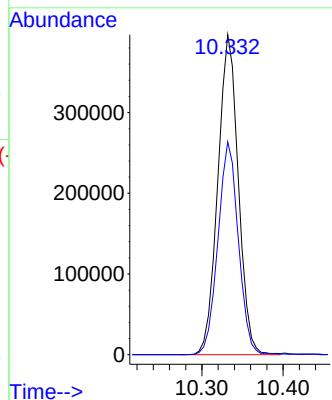
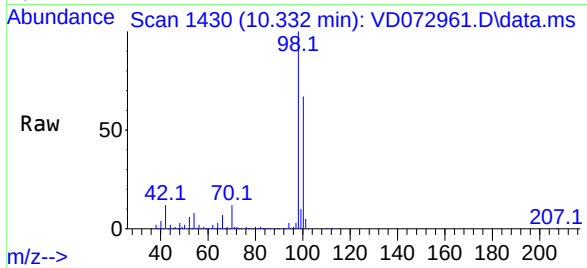




#50
Toluene-d8
Concen: 48.752 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

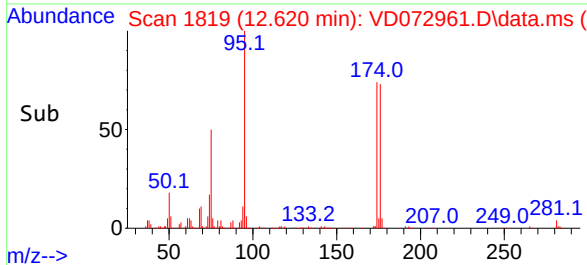
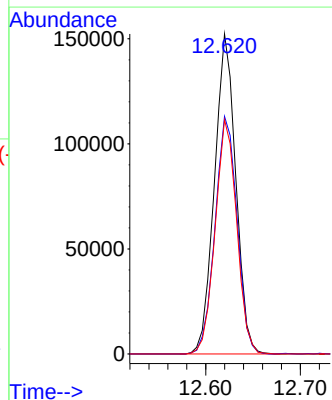
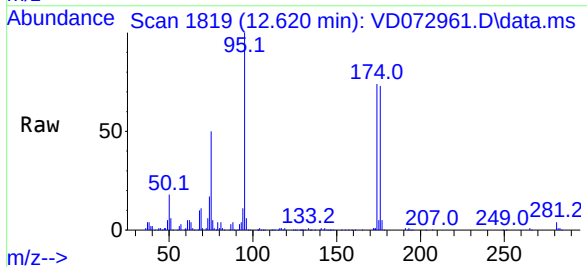
Instrument :
MSVOA_D
ClientSampleId :
P007-SS019-0006-01

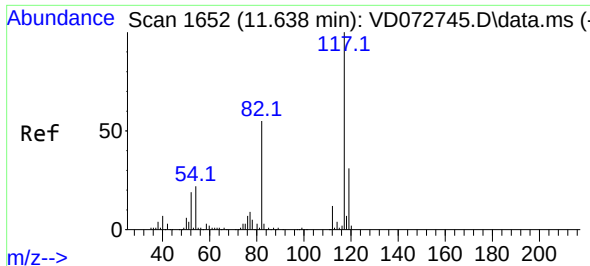
Tgt Ion: 98 Resp: 696077
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.724 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

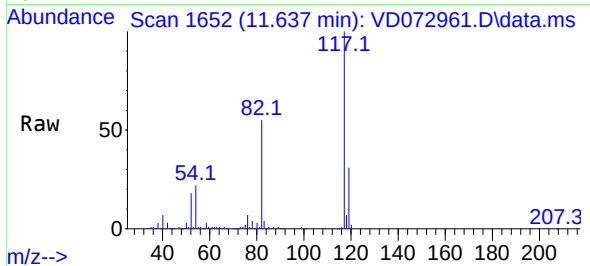
Tgt Ion: 95 Resp: 238106
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.8 0.0 145.4



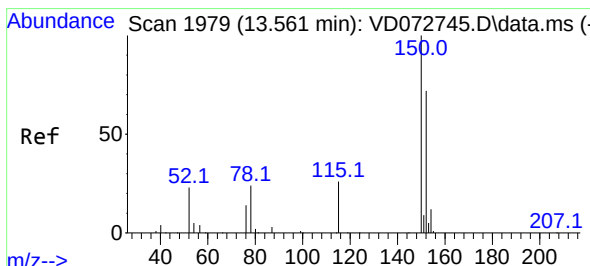
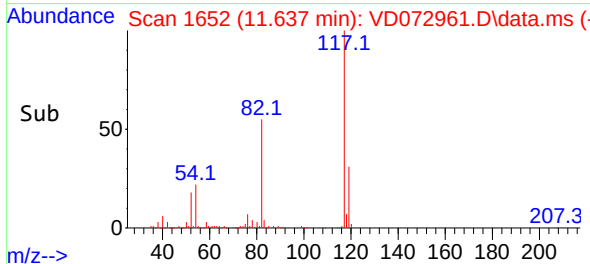
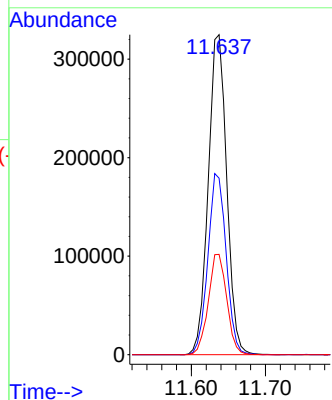


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD072961.D
Acq: 12 May 2022 21:42

Instrument :
MSVOA_D
ClientSampleId :
P007-SS019-0006-01



Tgt Ion:117 Resp: 562443
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 31.3 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: VD072961.D
Acq: 12 May 2022 21:42

Tgt Ion:152 Resp: 240155
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 155.3 0.0 348.6

