

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073036.D
 Acq On : 16 May 2022 15:41
 Operator : VA/SY
 Sample : N2816-17
 Misc : 4.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS009-0006-01

Quant Time: May 17 03:28:43 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	326462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	574337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172234	40.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.280%
35) Dibromofluoromethane	7.909	113	192613	47.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.500%
50) Toluene-d8	10.332	98	712139	49.218	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.620	95	247354	45.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.700%

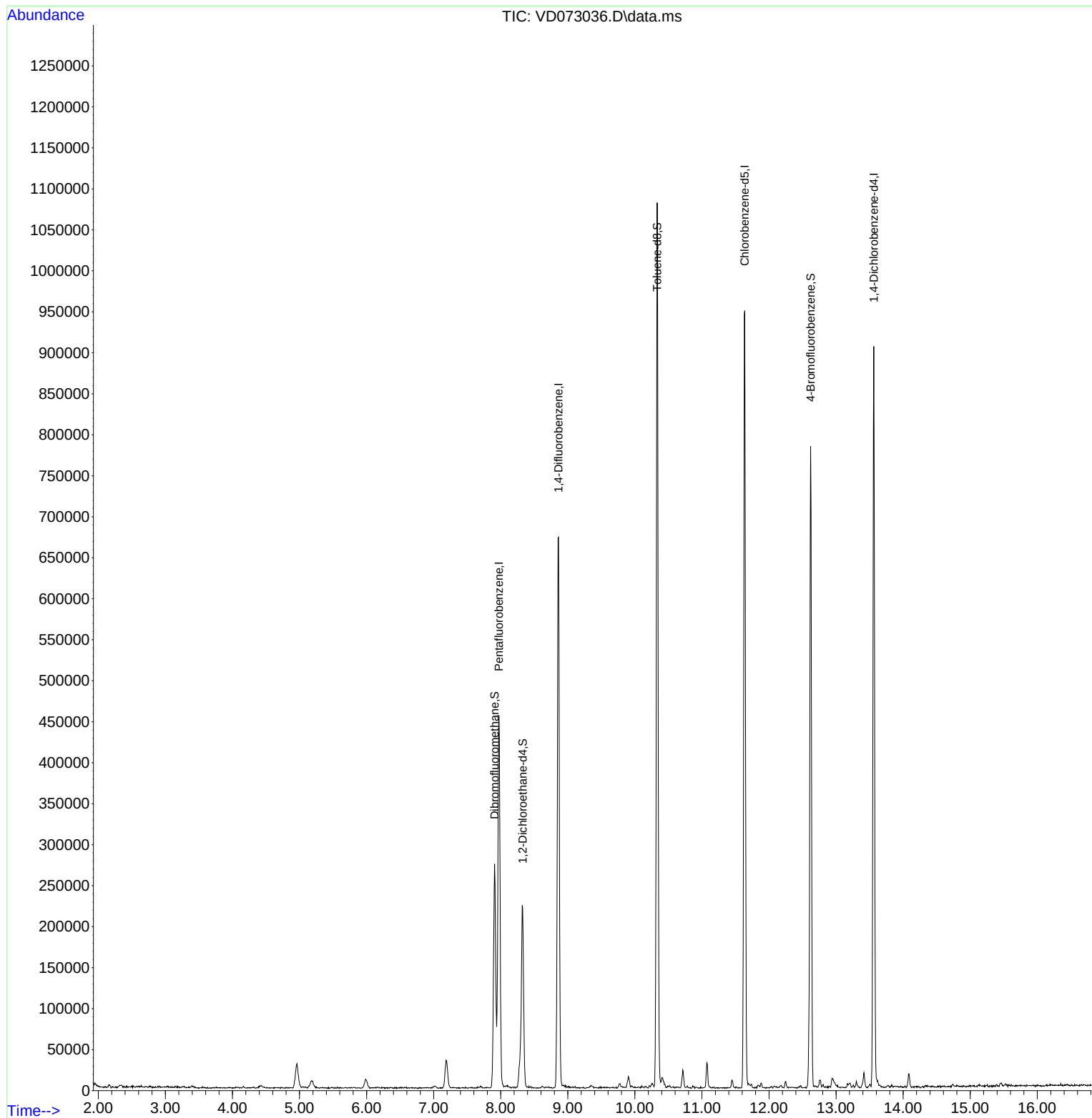
Target Compounds	Qvalue

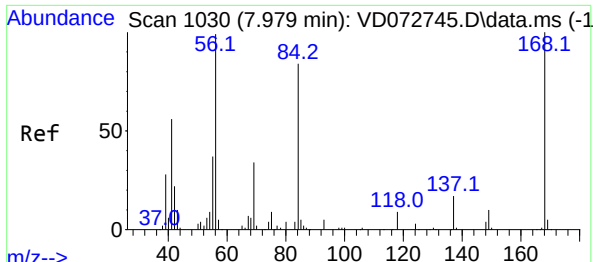
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

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ClientSampleId :

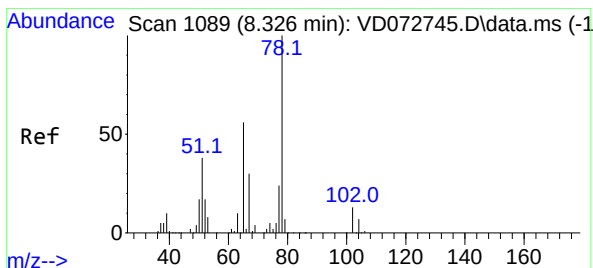
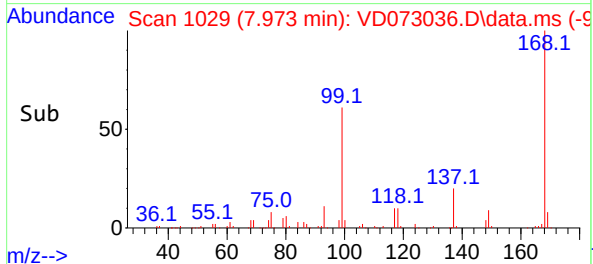
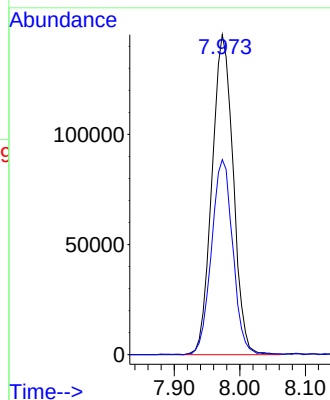
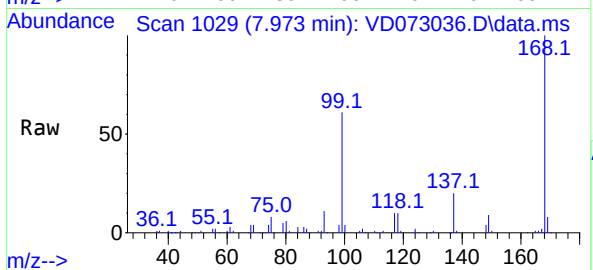
P007-SS009-0006-01

Tgt Ion:168 Resp: 326462

Ion Ratio Lower Upper

168 100

99 60.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 40.643 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073036.D

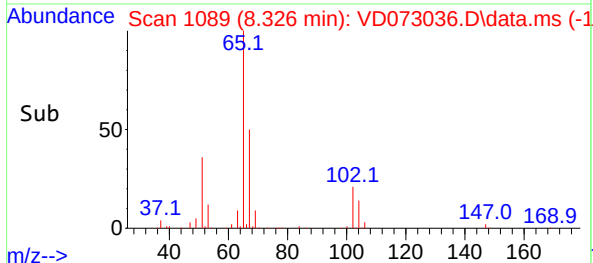
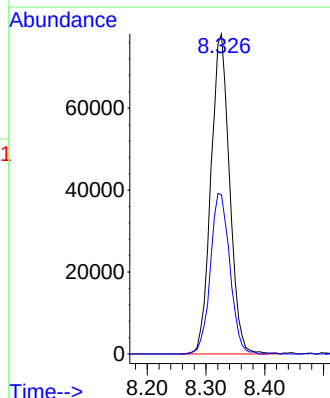
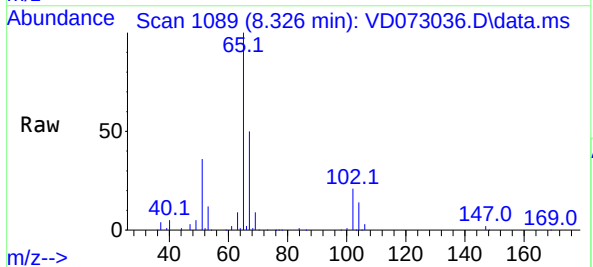
Acq: 16 May 2022 15:41

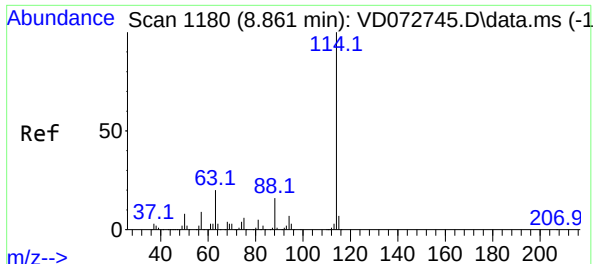
Tgt Ion: 65 Resp: 172234

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4



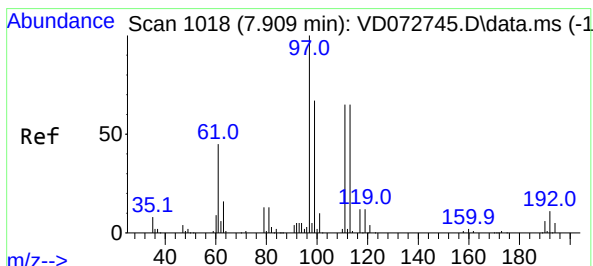
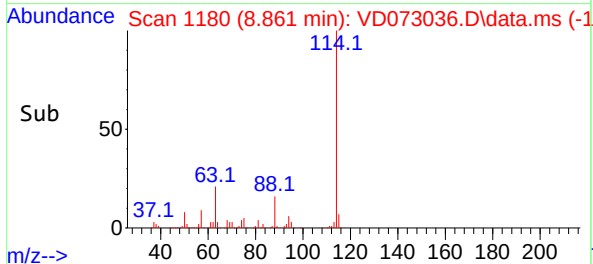
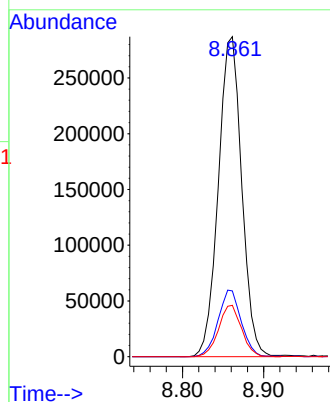
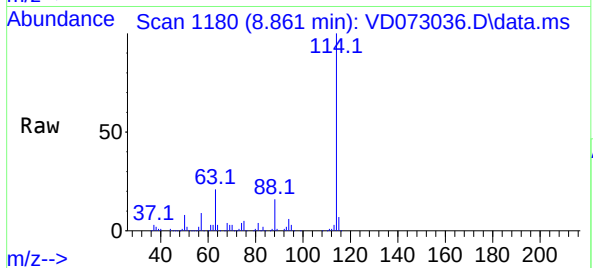


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

Instrument :
MSVOA_D
ClientSampleId :
P007-SS009-0006-01

Tgt Ion:114 Resp: 574337

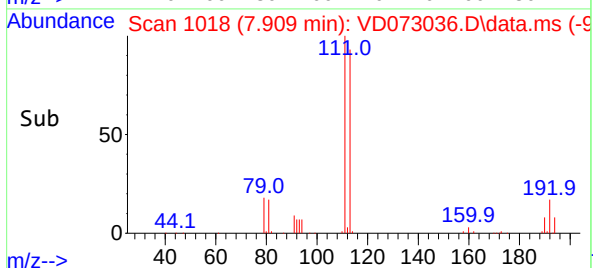
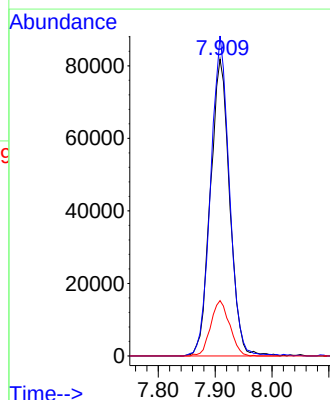
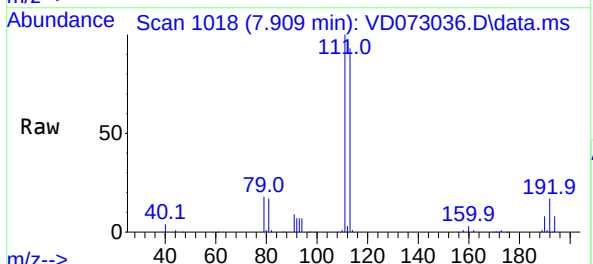
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	46.6
88	16.1	0.0	33.2

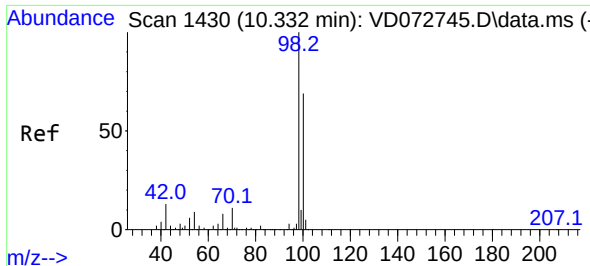


#35
Dibromofluoromethane
Concen: 47.752 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

Tgt Ion:113 Resp: 192613

Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.8	125.6
192	18.4	14.6	21.8

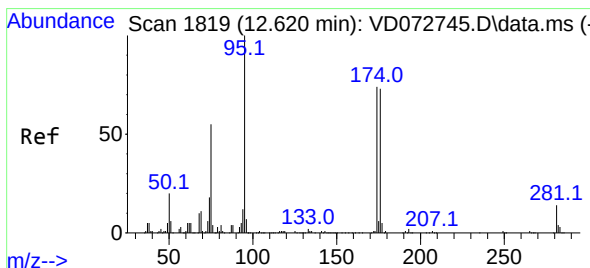
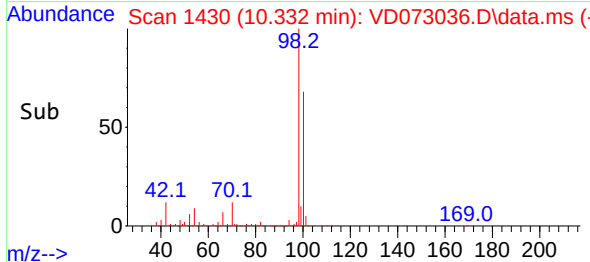
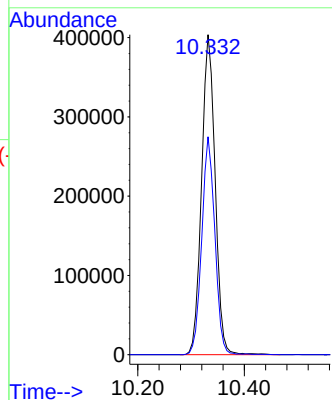
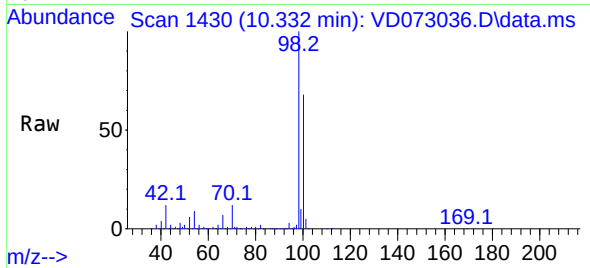




#50
Toluene-d8
Concen: 49.218 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

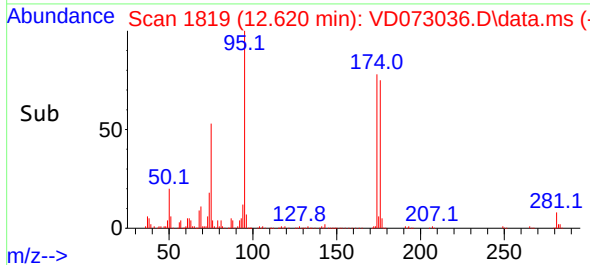
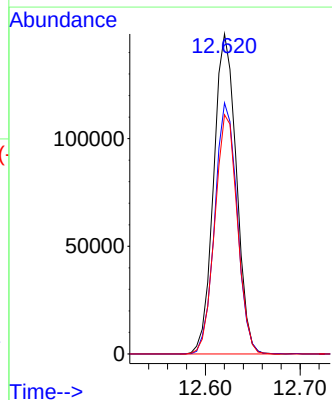
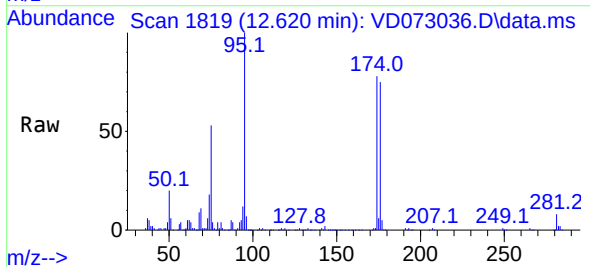
Instrument :
MSVOA_D
ClientSampleId :
P007-SS009-0006-01

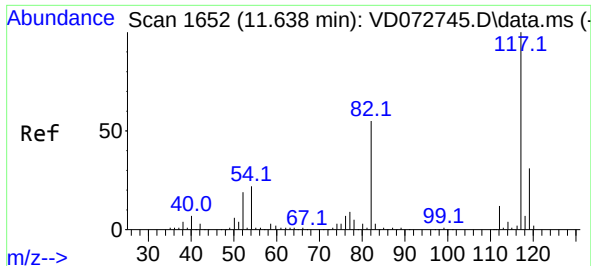
Tgt Ion: 98 Resp: 712139
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.848 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

Tgt Ion: 95 Resp: 247354
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.5 0.0 145.4

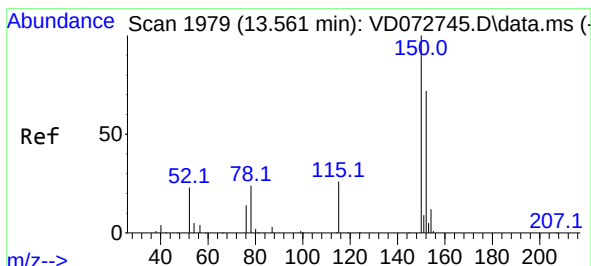
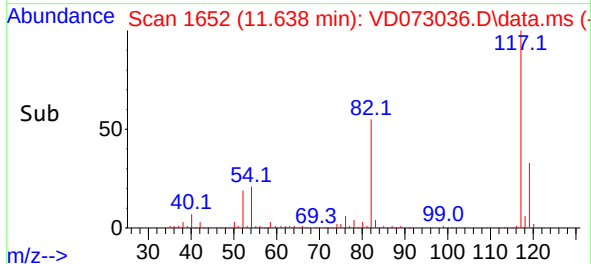
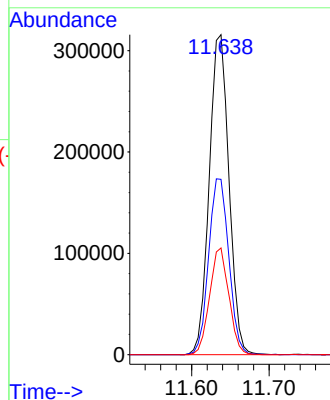
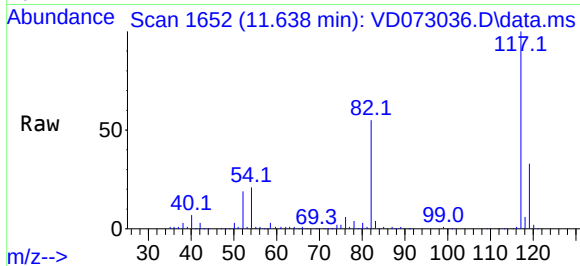




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

Instrument :
MSVOA_D
ClientSampleId :
P007-SS009-0006-01

Tgt Ion:117 Resp: 558378
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 33.3 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: VD073036.D
Acq: 16 May 2022 15:41

Tgt Ion:152 Resp: 238200
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 159.1 0.0 348.6

