

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071963.D
 Acq On : 14 Feb 2022 18:05
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 15 00:38:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	381247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	754010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	738543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	264871	54.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.940%
35) Dibromofluoromethane	7.914	113	246554	49.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.338	98	976392	52.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.500%
62) 4-Bromofluorobenzene	12.626	95	312387	48.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.660%

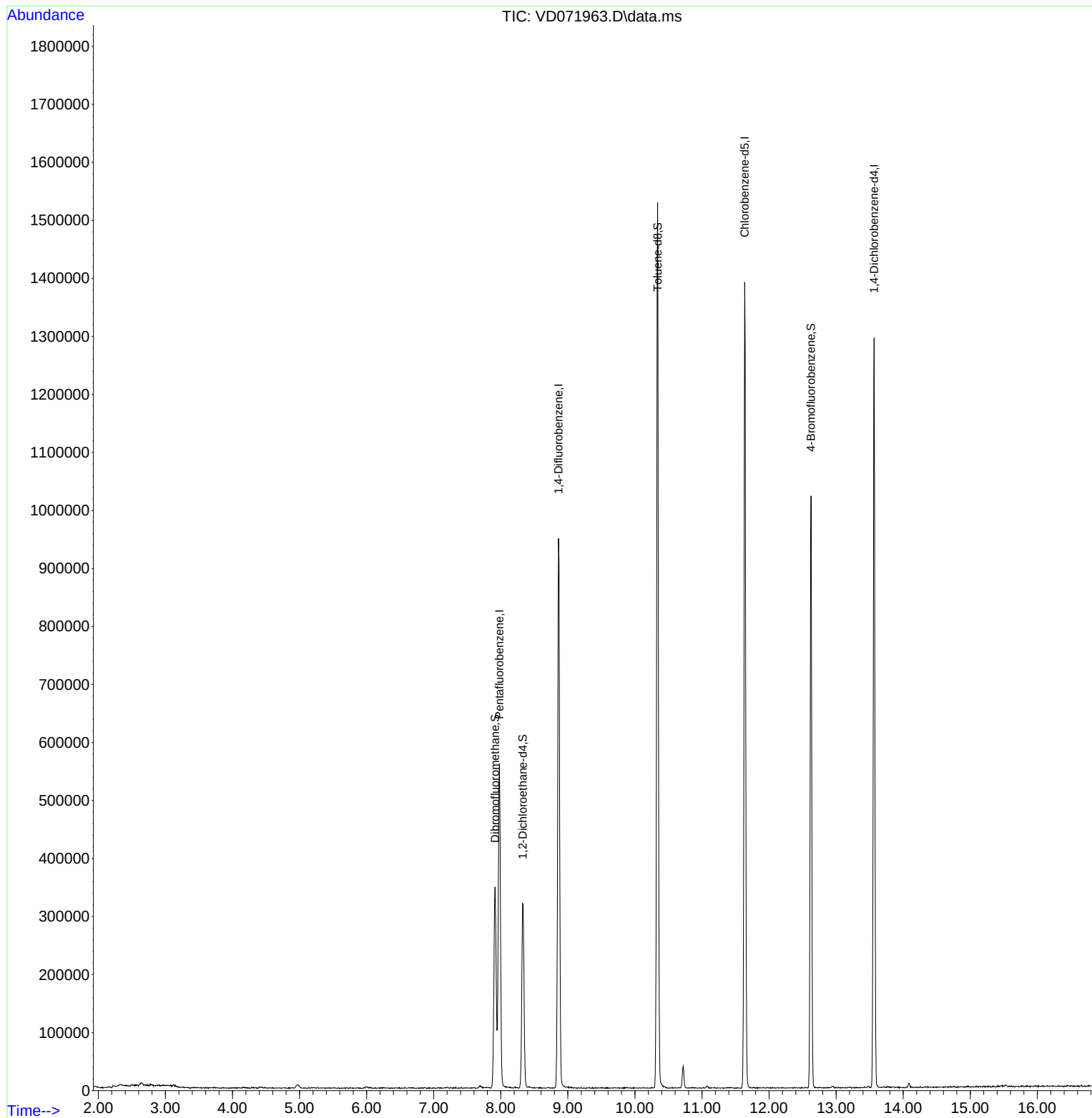
Target Compounds	Qvalue

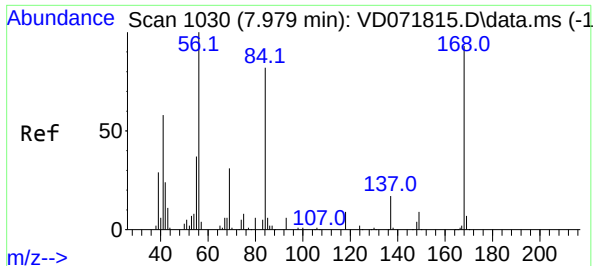
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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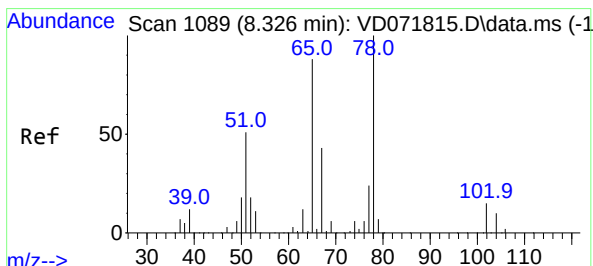
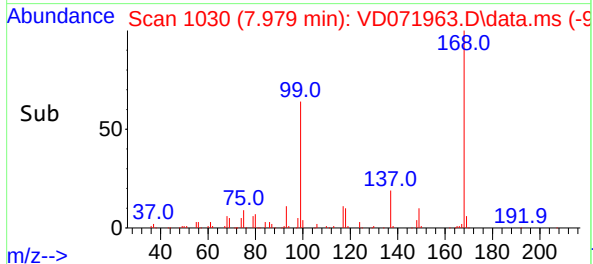
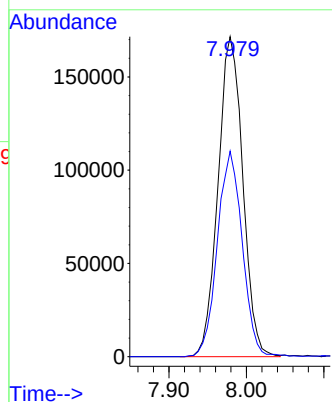
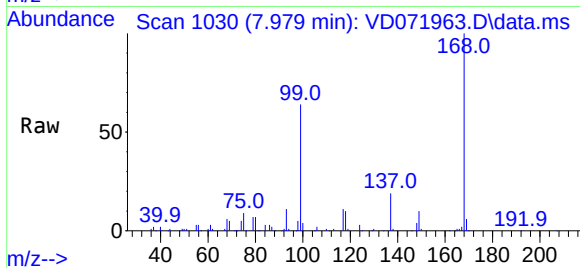




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

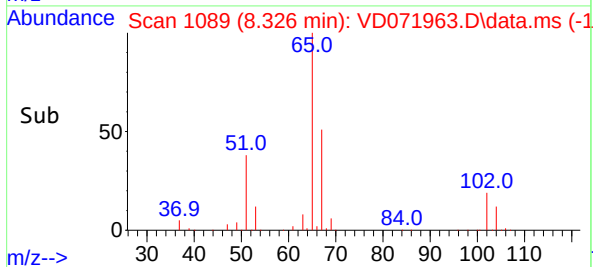
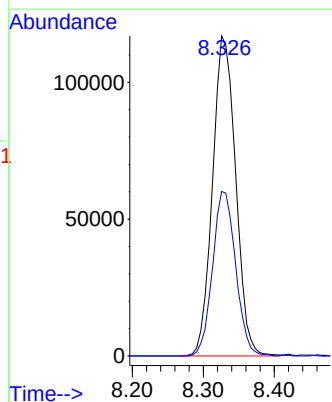
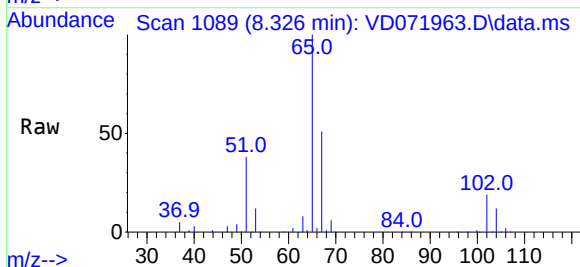
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

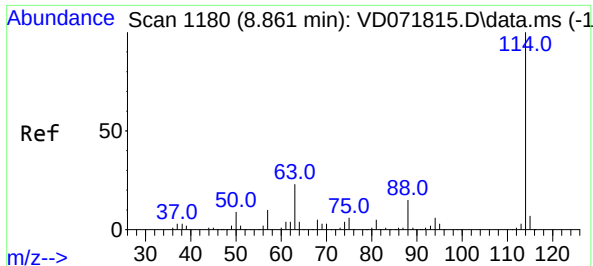
Tgt Ion:168 Resp: 381247
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.967 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion: 65 Resp: 264871
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4

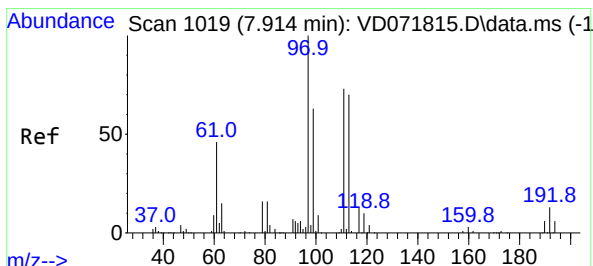
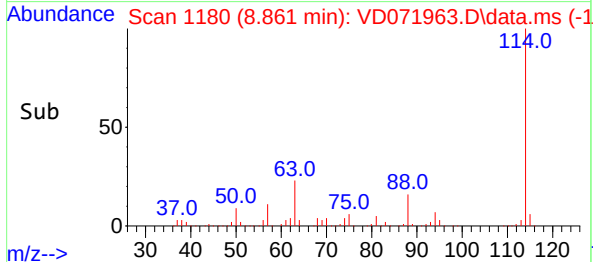
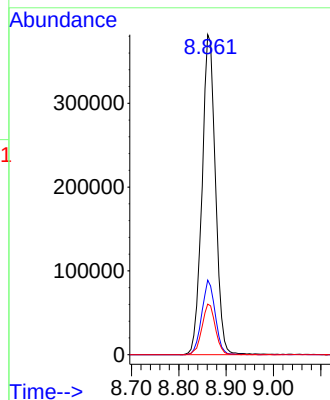
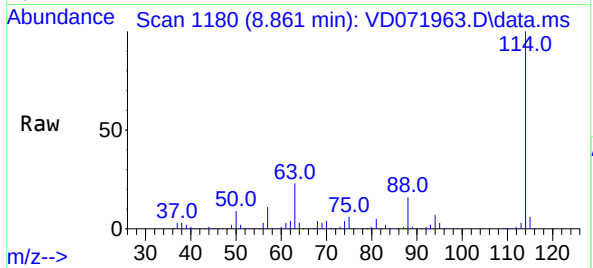




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

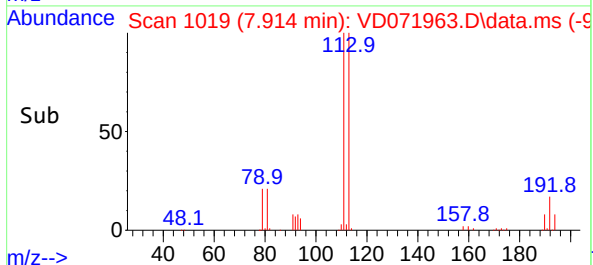
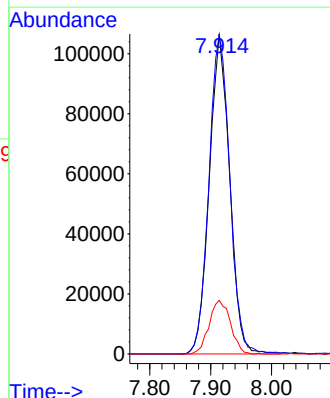
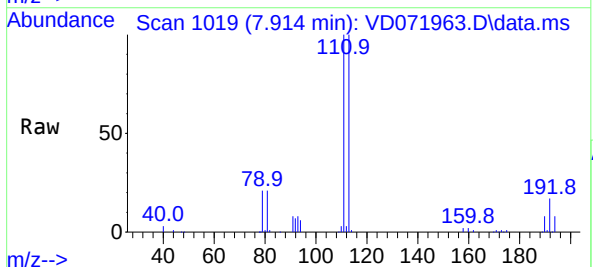
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

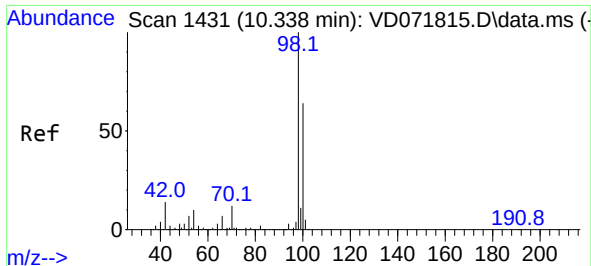
Tgt Ion:114 Resp: 754010
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.6
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.745 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion:113 Resp: 246554
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.6 14.6 21.8

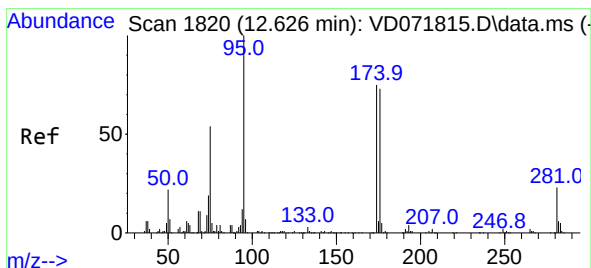
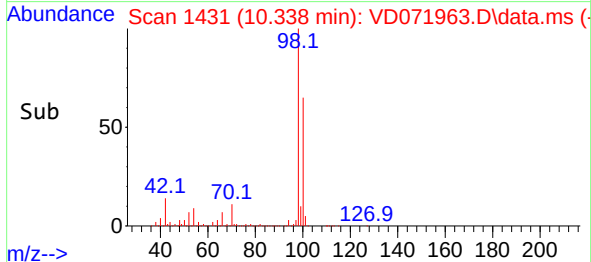
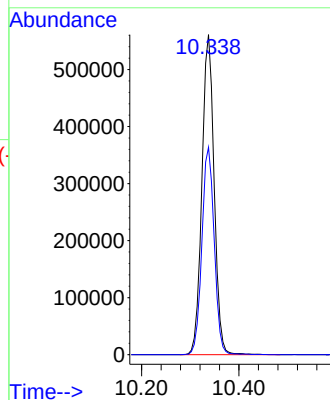
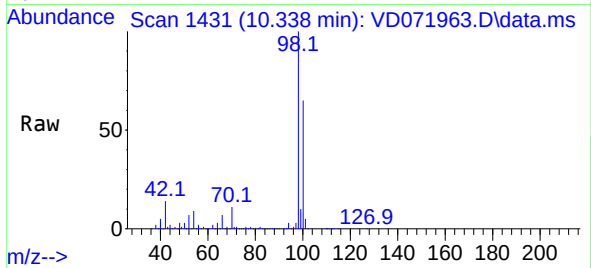




#50
Toluene-d8
Concen: 52.749 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

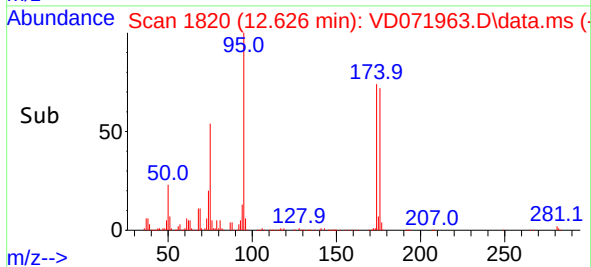
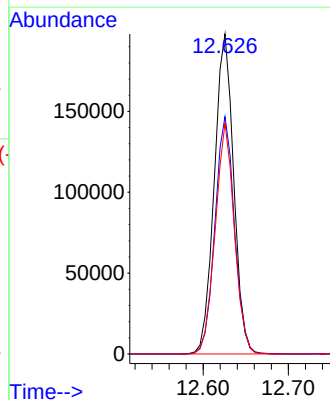
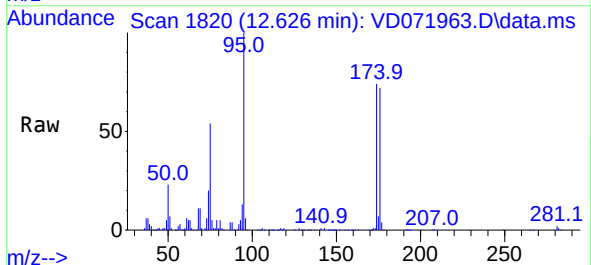
Instrument :
MSVOA_D
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VIBLK

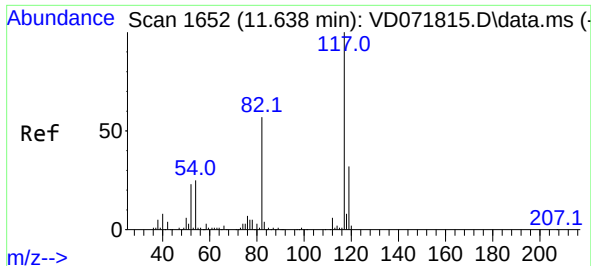
Tgt Ion: 98 Resp: 976392
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.327 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion: 95 Resp: 312387
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 71.1 0.0 145.4

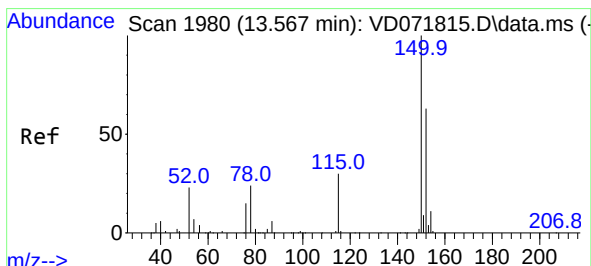
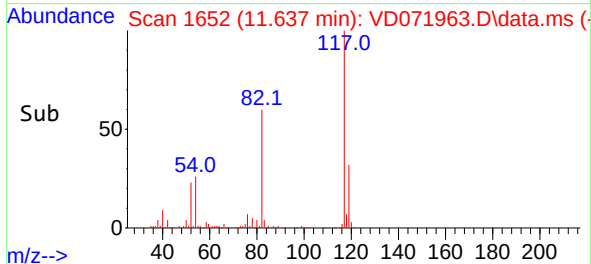
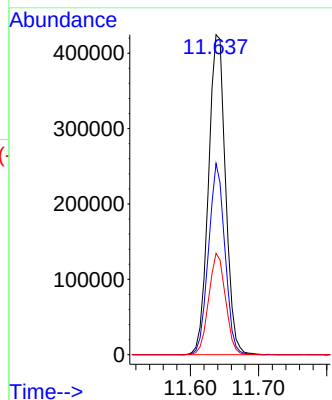
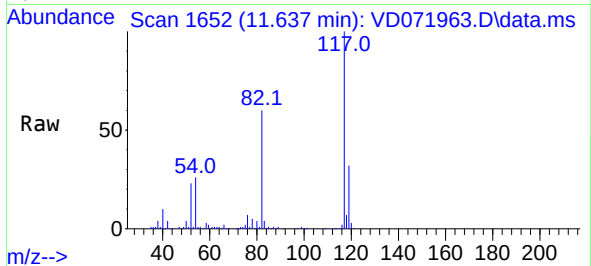




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 738543
Ion Ratio Lower Upper
117 100
82 59.8 45.3 67.9
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion:152 Resp: 315267
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 157.2 0.0 348.6

