

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071855.D
 Acq On : 31 Jan 2022 19:50
 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 01 04:05:52 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	440987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	799320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	749291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	317377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	274865	49.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.914	113	260490	49.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.160%
50) Toluene-d8	10.337	98	1021030	52.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.626	95	323276	47.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.360%

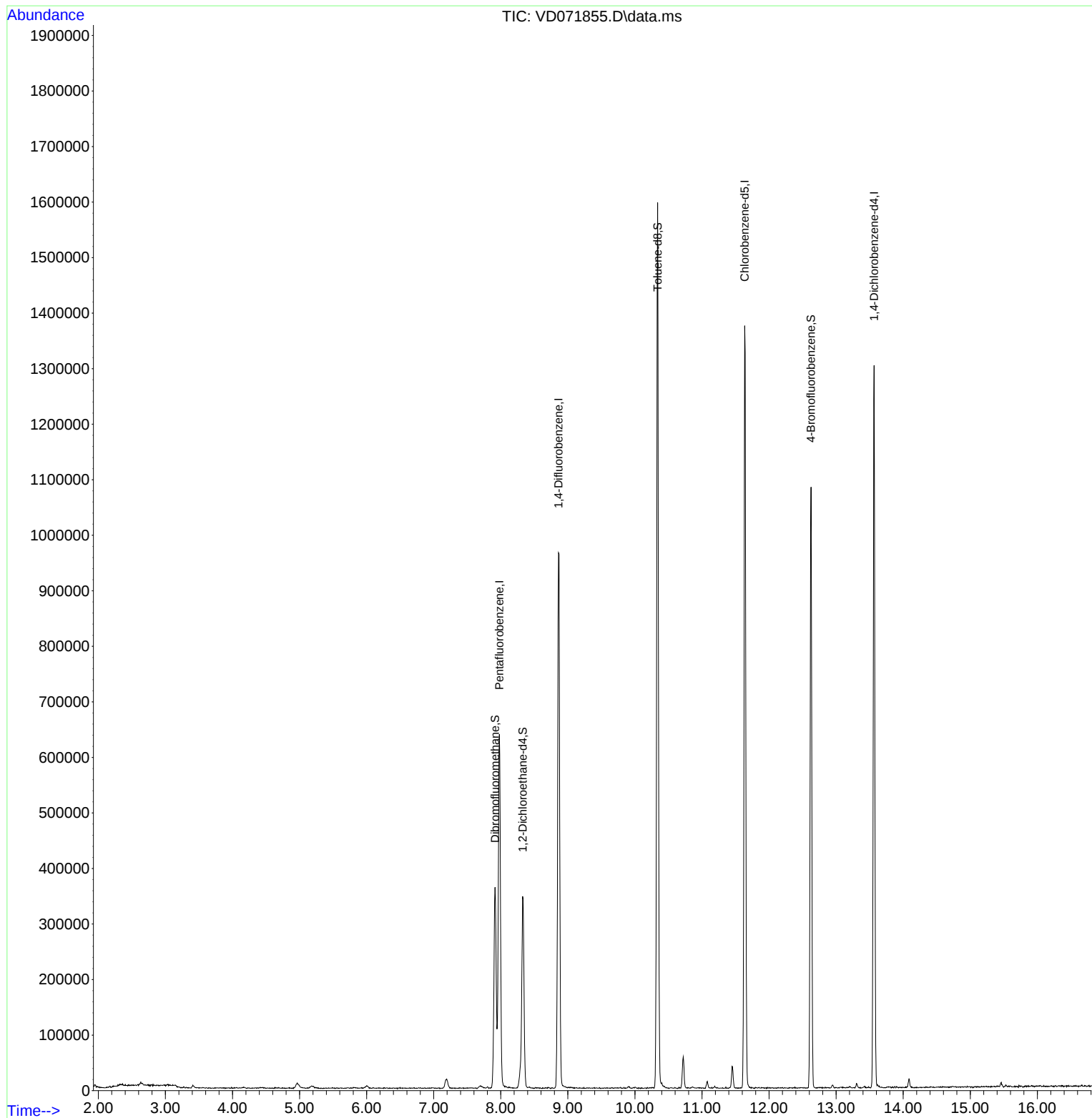
Target Compounds	Qvalue

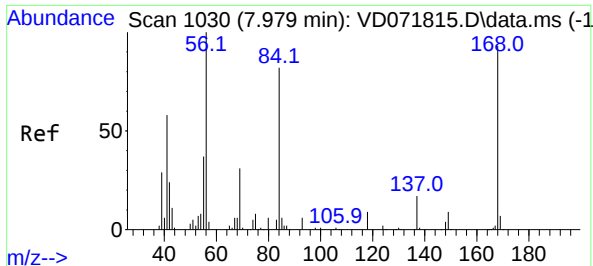
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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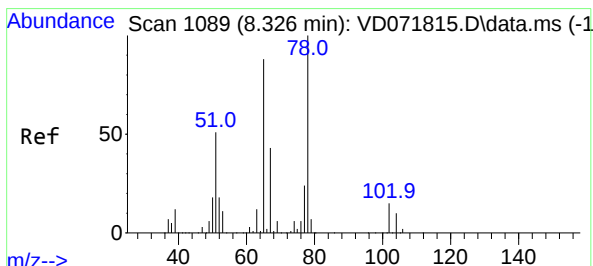
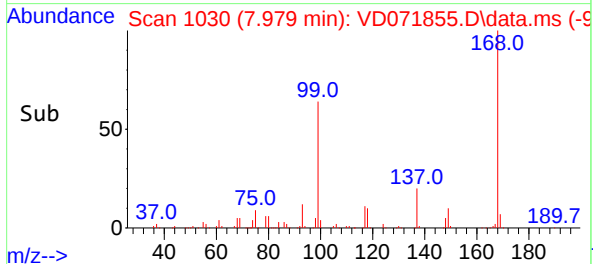
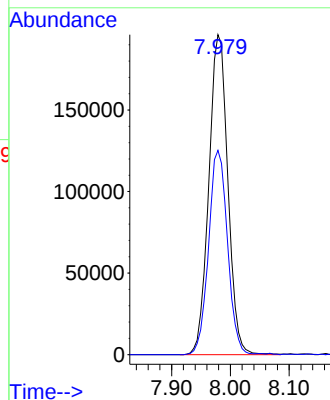
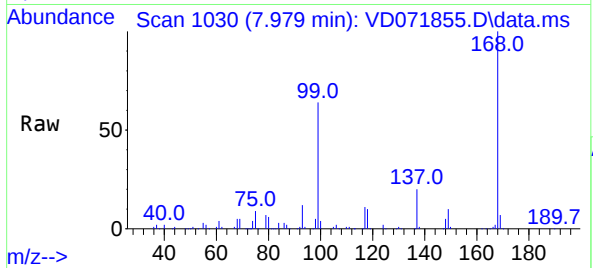




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

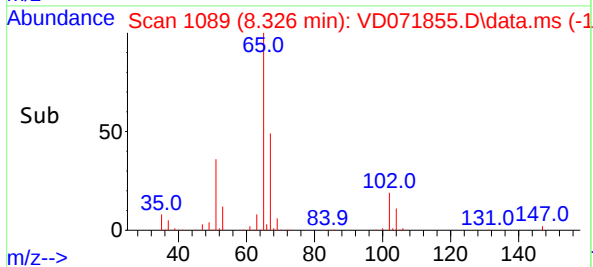
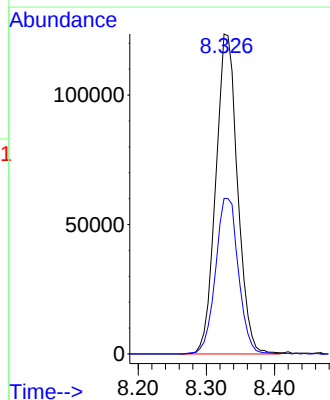
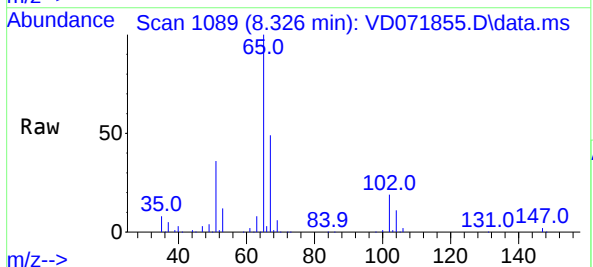
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 440987
Ion Ratio Lower Upper
168 100
99 63.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.313 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion: 65 Resp: 274865
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4

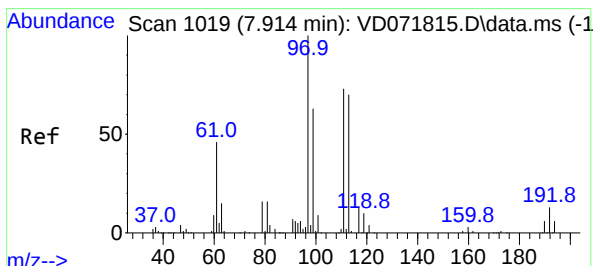
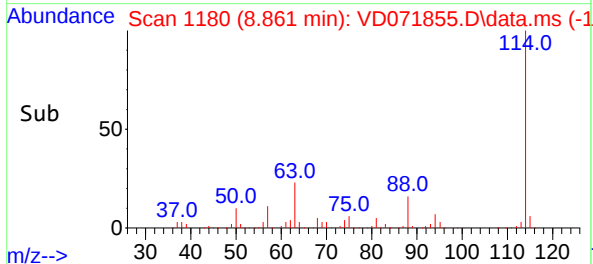
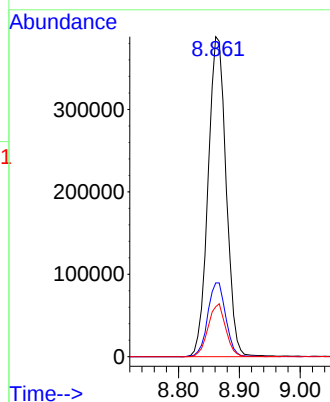
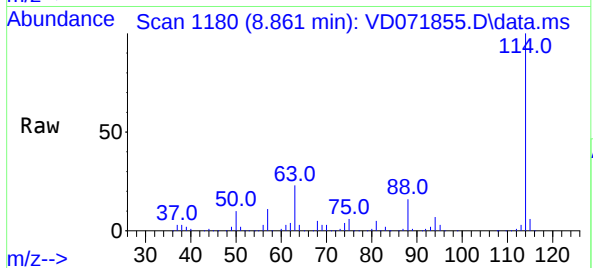




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

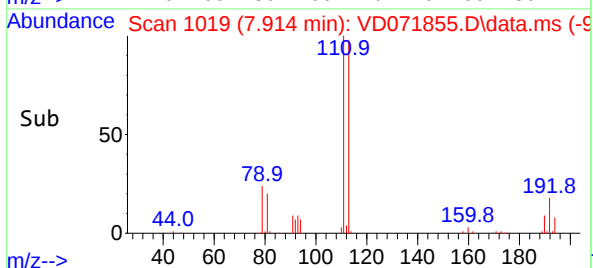
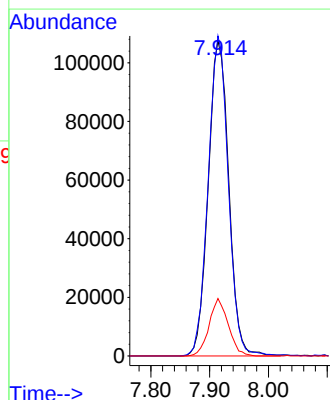
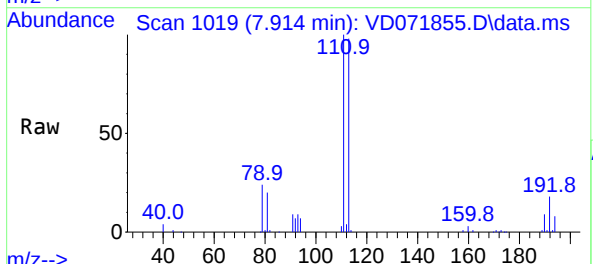
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

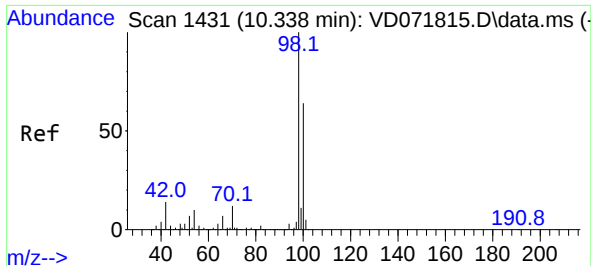
Tgt Ion:114 Resp: 799320
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.6
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.578 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion:113 Resp: 260490
Ion Ratio Lower Upper
113 100
111 100.1 83.8 125.6
192 17.0 14.6 21.8

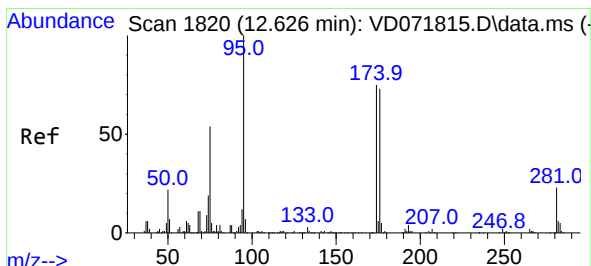
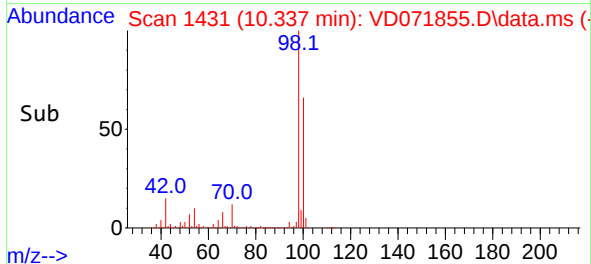
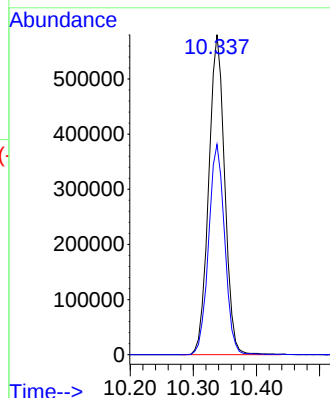
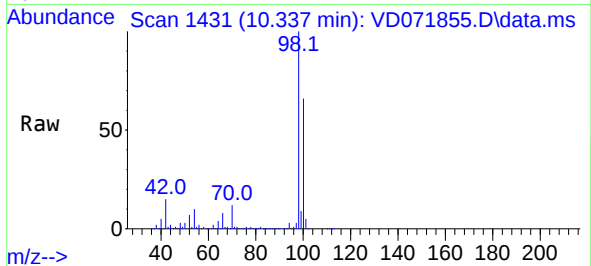




#50
Toluene-d8
Concen: 52.034 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

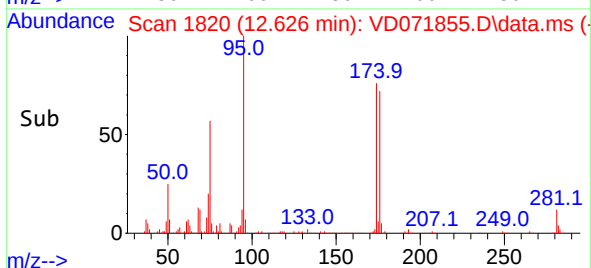
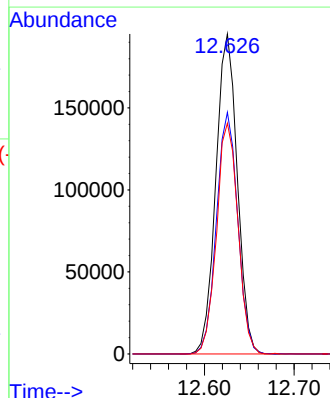
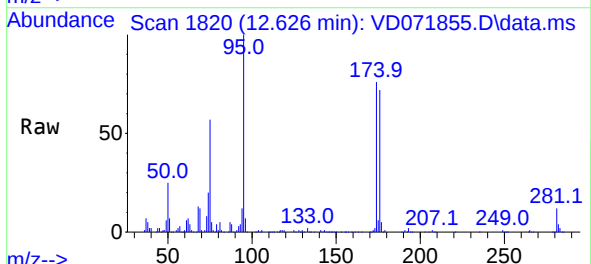
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

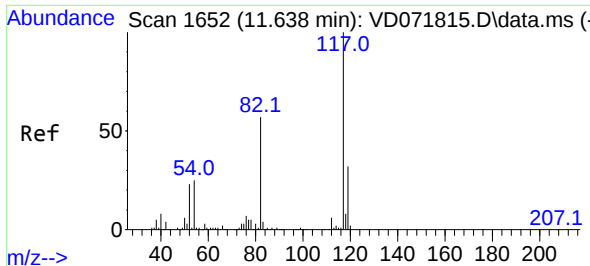
Tgt Ion: 98 Resp: 1021030
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.177 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion: 95 Resp: 323276
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 72.0 0.0 145.4

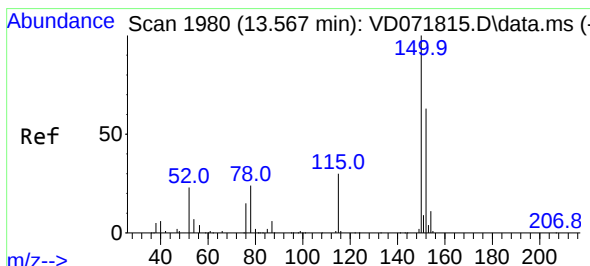
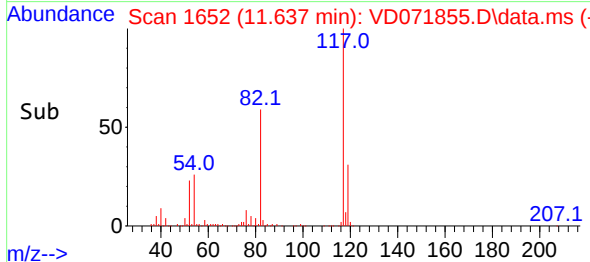
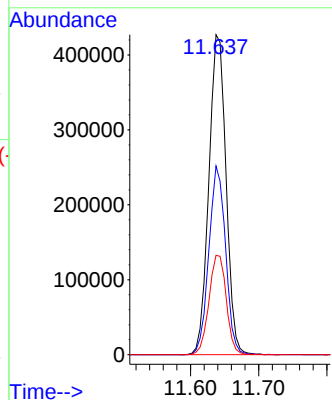
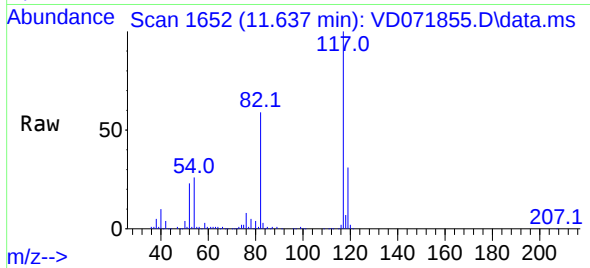




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071855.D
Acq: 31 Jan 2022 19:50

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 749291
Ion Ratio Lower Upper
117 100
82 59.0 45.3 67.9
119 31.1 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: VD071855.D
Acq: 31 Jan 2022 19:50

Tgt Ion:152 Resp: 317377
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 156.1 0.0 348.6

