

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071940.D
 Acq On : 11 Feb 2022 16:51
 Operator : VA/SY
 Sample : N1489-01
 Misc : 2.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1

Quant Time: Feb 11 23:59:21 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	7.973	168	436324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	822958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	777215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	286278	51.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.820%
35) Dibromofluoromethane	7.908	113	272853	50.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.338	98	1062247	52.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.160%
62) 4-Bromofluorobenzene	12.626	95	326726	46.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.620%

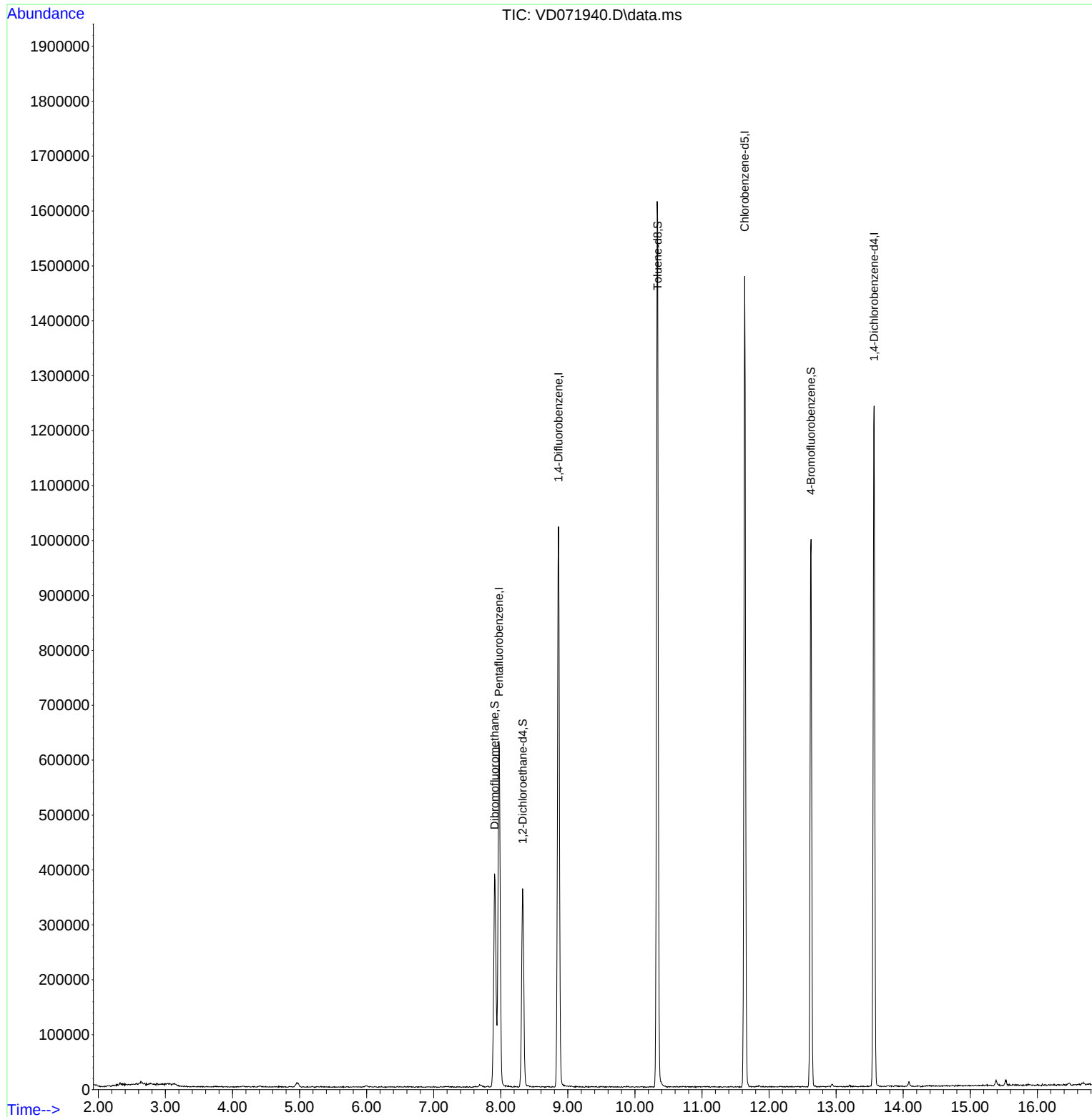
Target Compounds	Qvalue

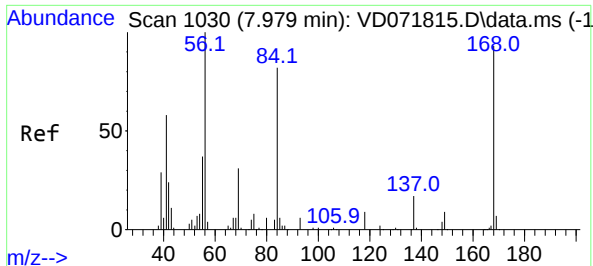
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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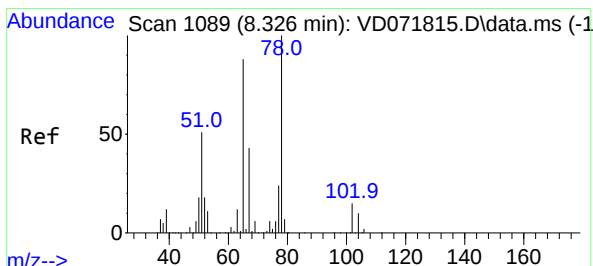
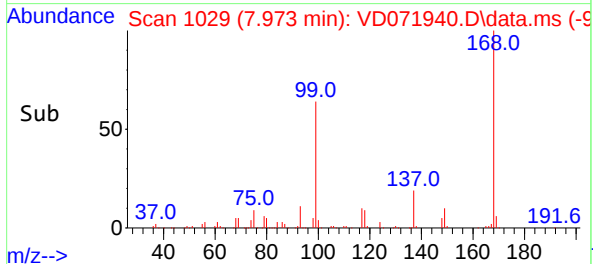
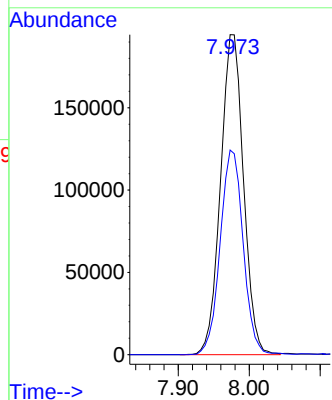
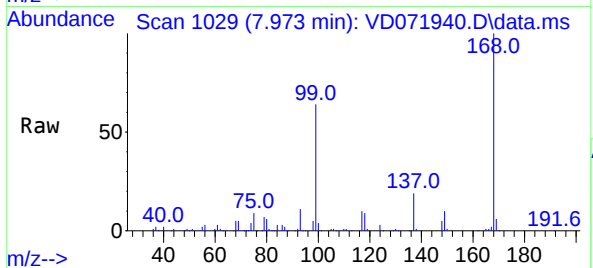




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071940.D
Acq: 11 Feb 2022 16:51

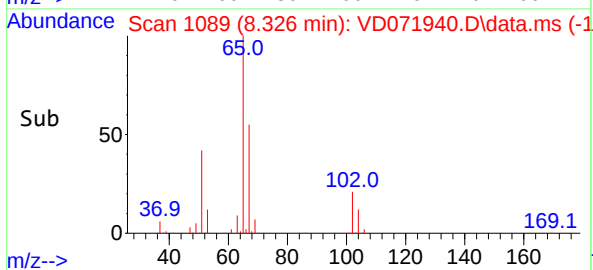
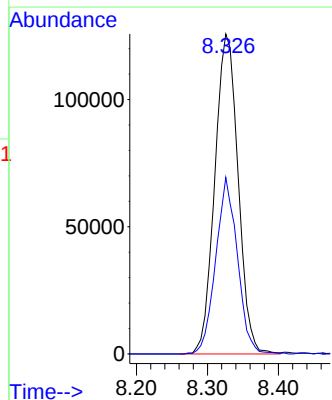
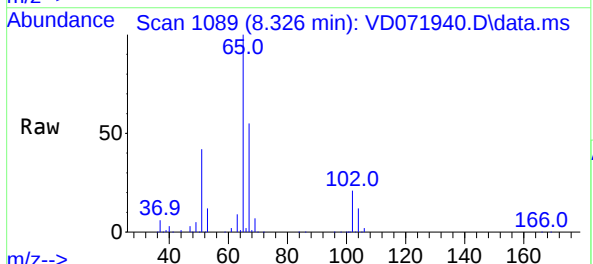
Instrument :
MSVOA_D
ClientSampleId :
COMP-1

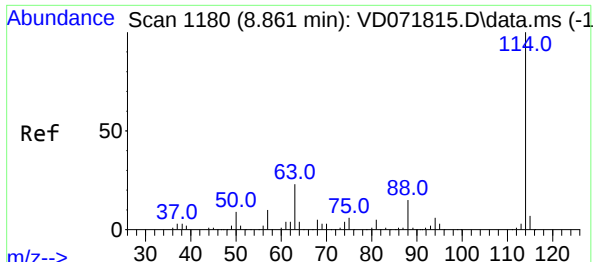
Tgt Ion:168 Resp: 436324
Ion Ratio Lower Upper
168 100
99 64.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.910 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071940.D
Acq: 11 Feb 2022 16:51

Tgt Ion: 65 Resp: 286278
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4

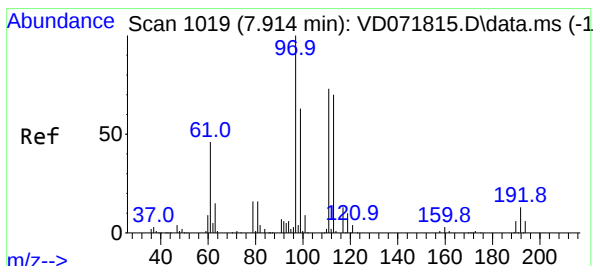
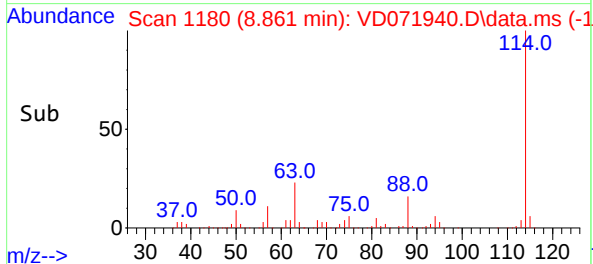
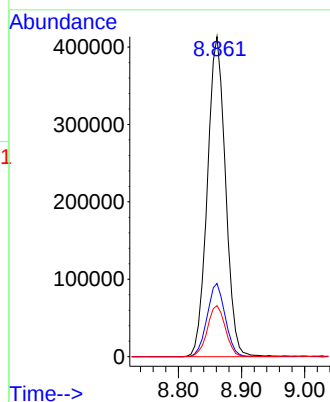
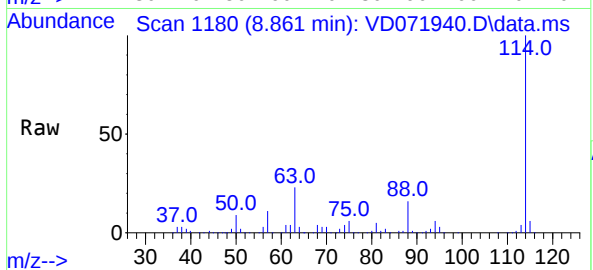




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071940.D
Acq: 11 Feb 2022 16:51

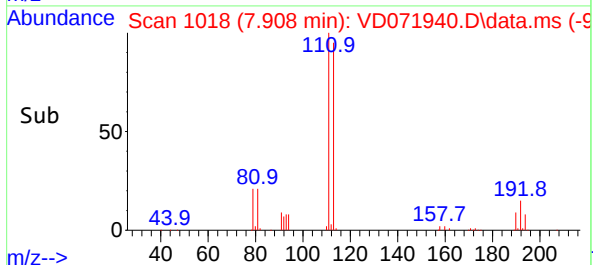
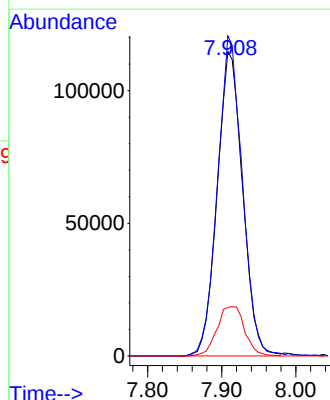
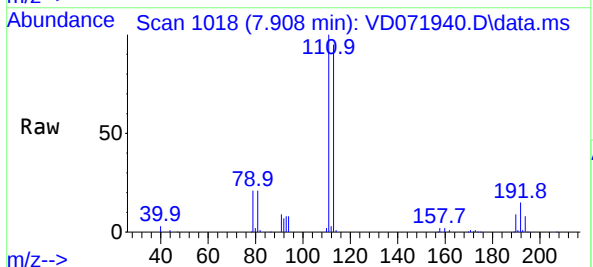
Instrument :
MSVOA_D
ClientSampleId :
COMP-1

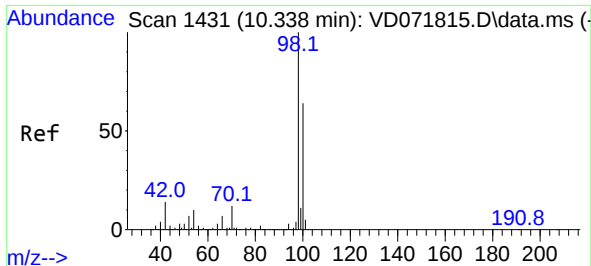
Tgt Ion:114 Resp: 822958
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.439 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071940.D
Acq: 11 Feb 2022 16:51

Tgt Ion:113 Resp: 272853
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.6 14.6 21.8

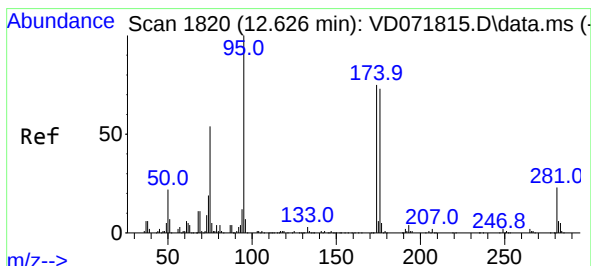
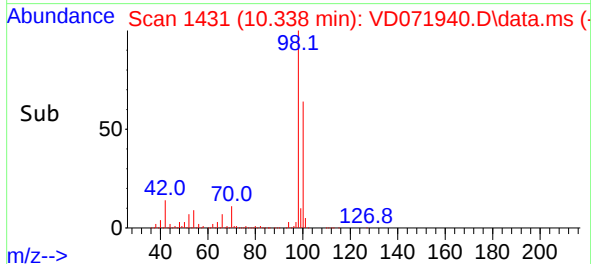
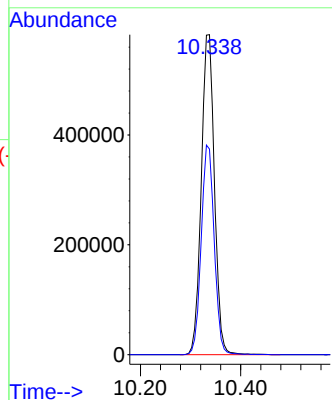
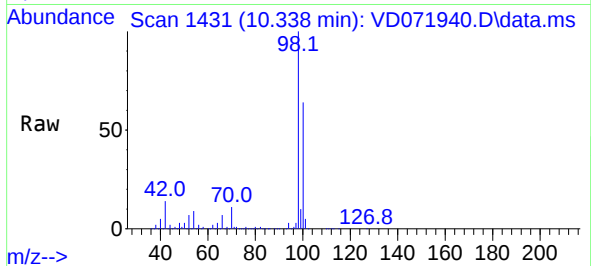




#50
Toluene-d8
Concen: 52.579 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071940.D
Acq: 11 Feb 2022 16:51

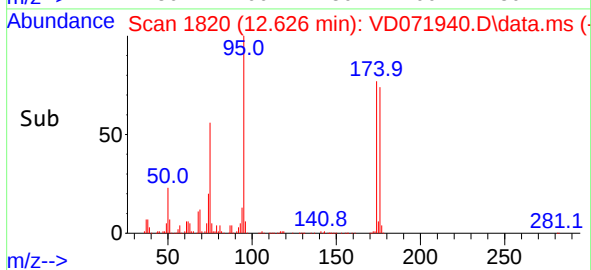
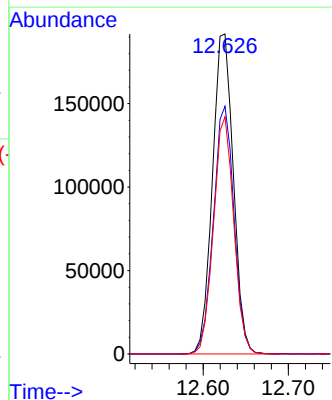
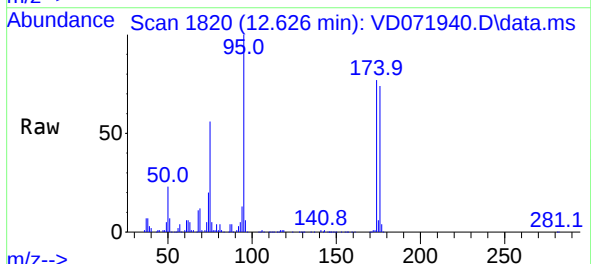
Instrument :
MSVOA_D
ClientSampleId :
COMP-1

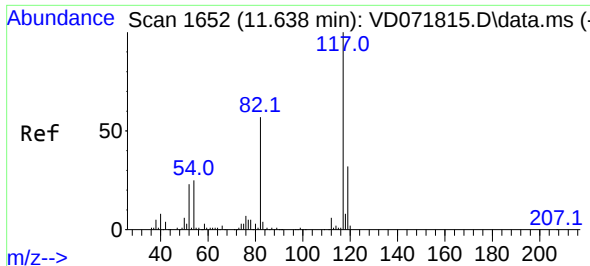
Tgt Ion: 98 Resp: 1062247
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.311 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071940.D
Acq: 11 Feb 2022 16:51

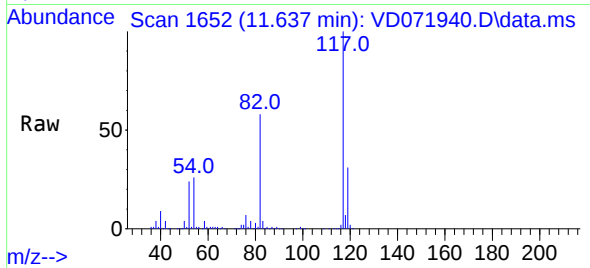
Tgt Ion: 95 Resp: 326726
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 71.7 0.0 145.4



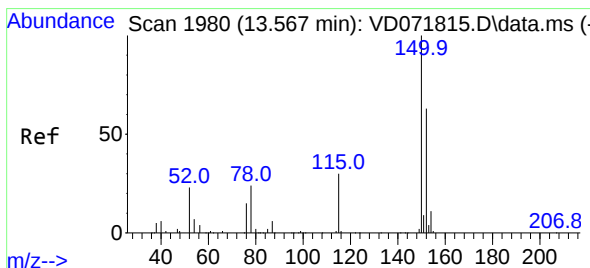
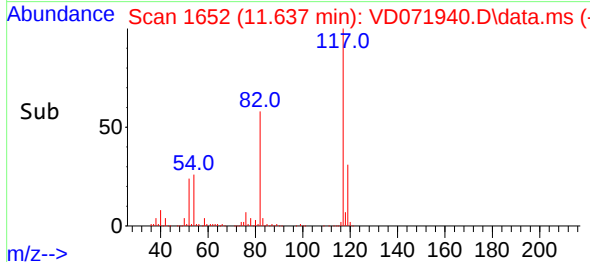
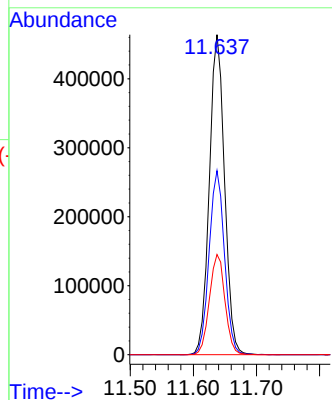


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071940.D
Acq: 11 Feb 2022 16:51

Instrument :
MSVOA_D
ClientSampleId :
COMP-1



Tgt Ion:117 Resp: 777215
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.3 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: VD071940.D
Acq: 11 Feb 2022 16:51

Tgt Ion:152 Resp: 315634
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 155.3 0.0 348.6

