

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071712.D
 Acq On : 13 Jan 2022 16:16
 Operator : VA/SY
 Sample : N1097-01
 Misc : 3.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S

Quant Time: Jan 14 04:06:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	329063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	597428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	529885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	215452	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	221046	52.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.420%
35) Dibromofluoromethane	7.909	113	196704	49.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.640%
50) Toluene-d8	10.332	98	757623	51.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.626	95	223889	42.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.980%

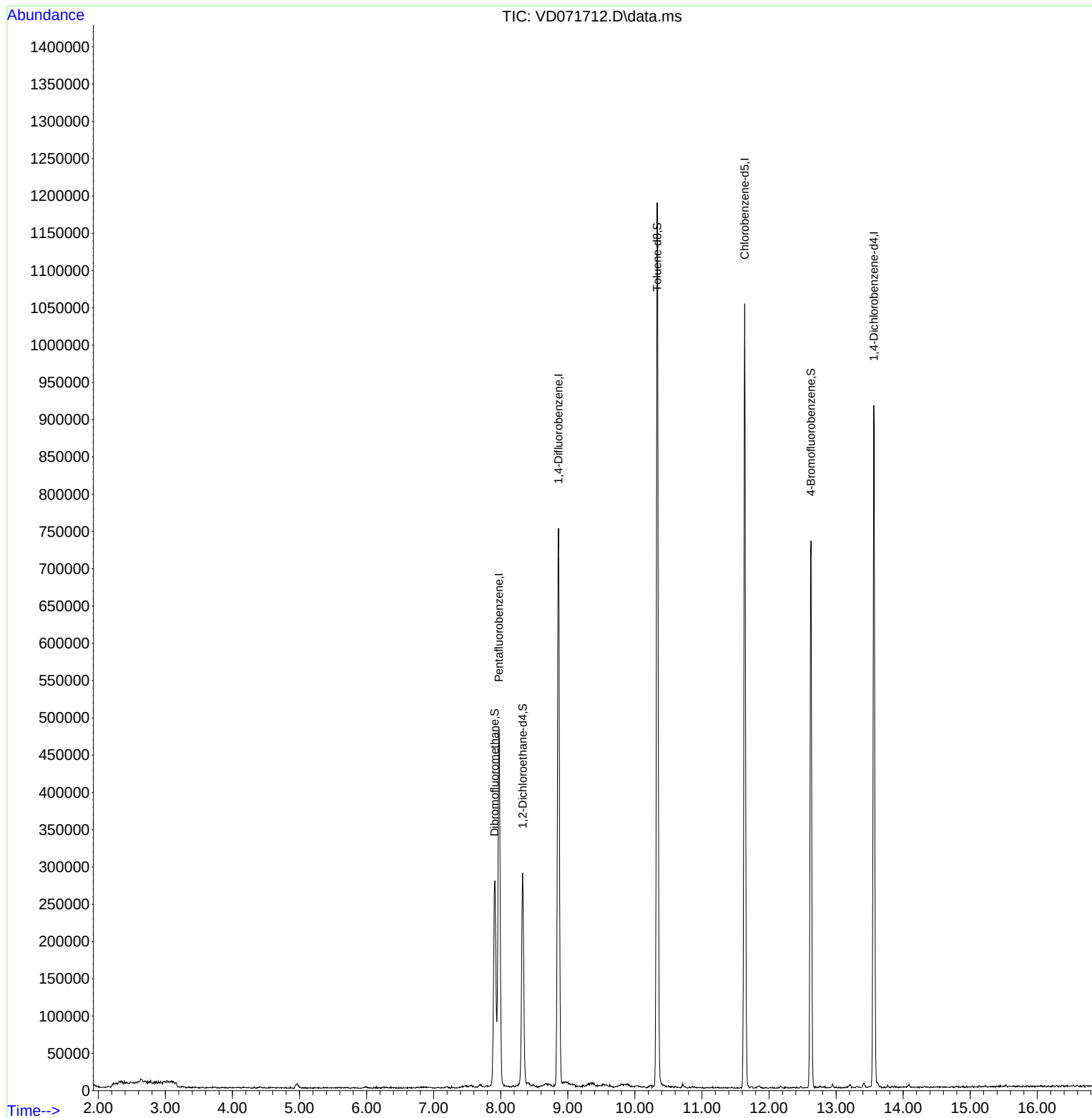
Target Compounds	Qvalue

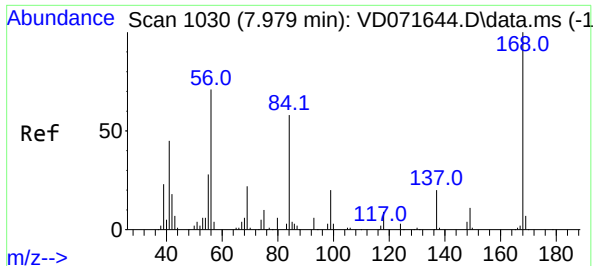
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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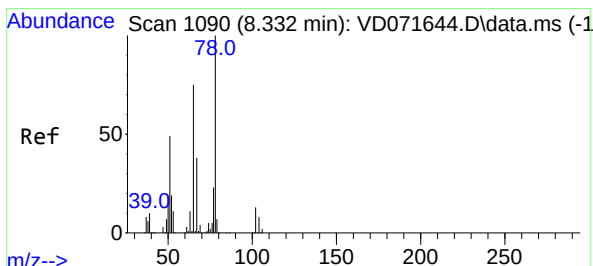
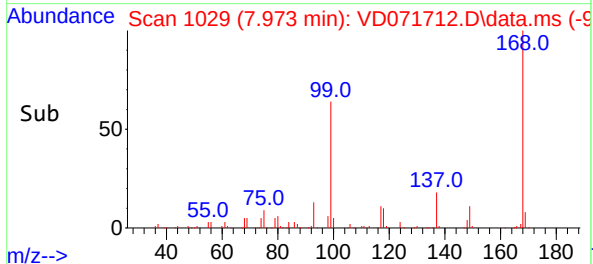
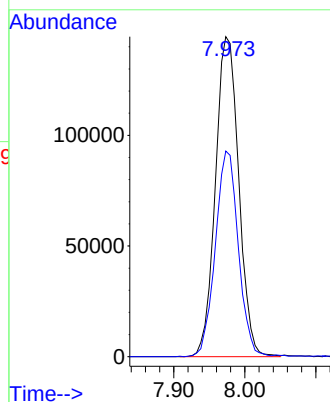
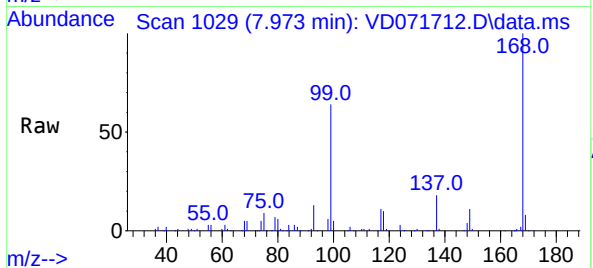




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

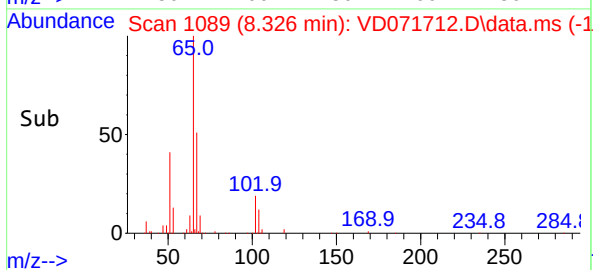
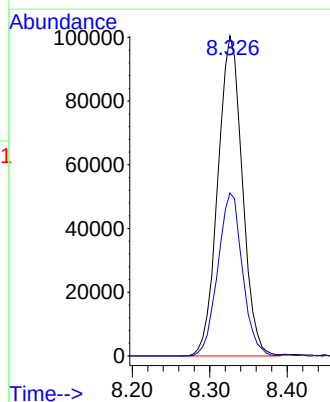
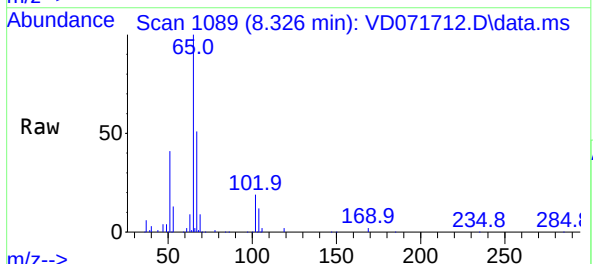
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

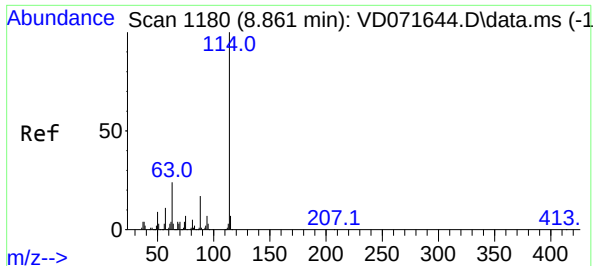
Tgt Ion:168 Resp: 329063
Ion Ratio Lower Upper
168 100
99 64.1 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 52.206 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

Tgt Ion: 65 Resp: 221046
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.2

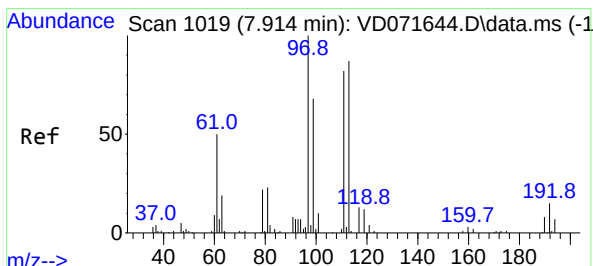
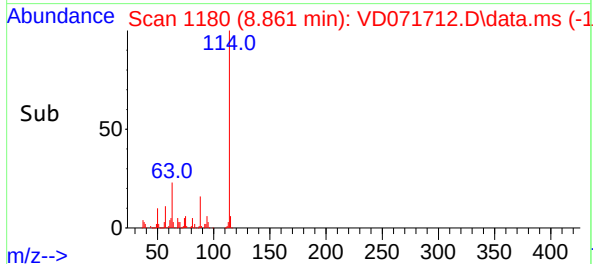
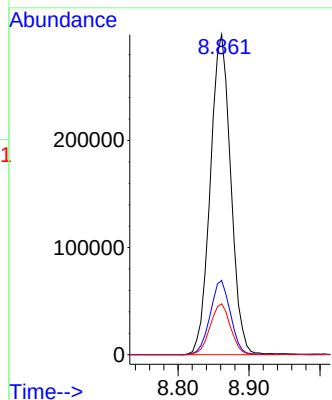
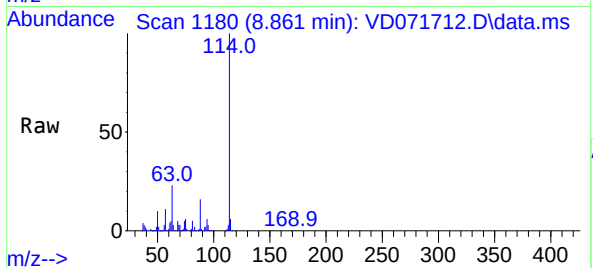




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

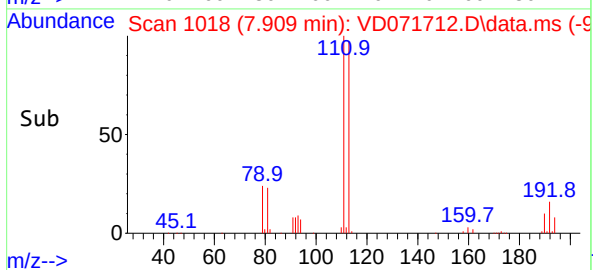
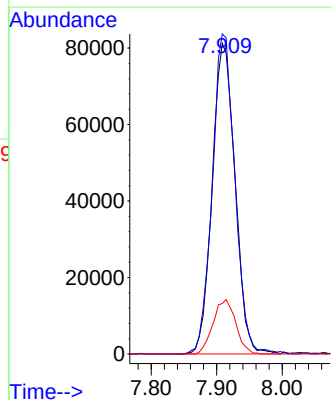
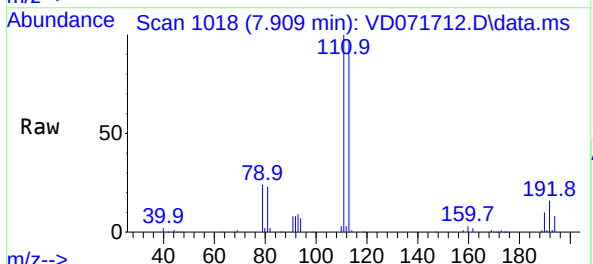
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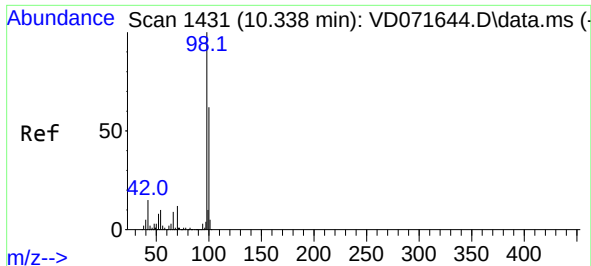
Tgt Ion:114 Resp: 597428
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.2
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.821 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

Tgt Ion:113 Resp: 196704
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 17.3 14.2 21.2

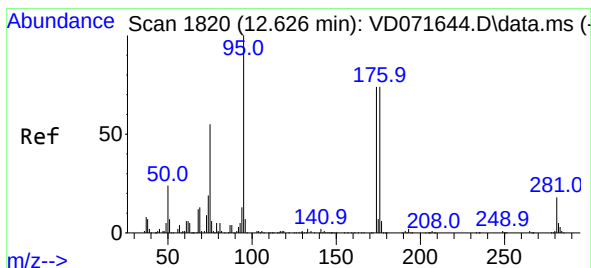
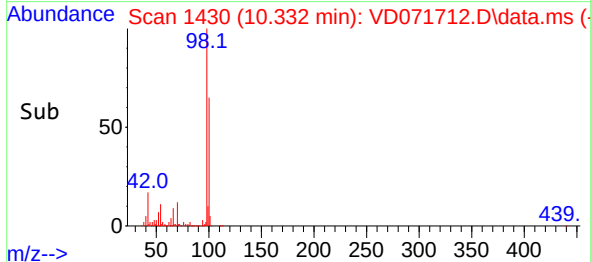
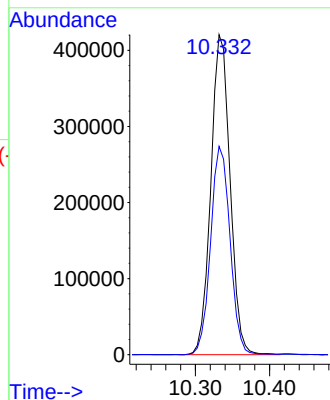
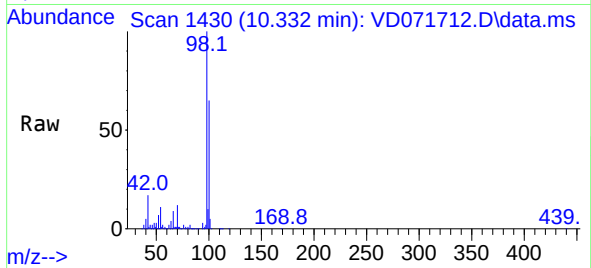




#50
Toluene-d8
Concen: 51.261 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

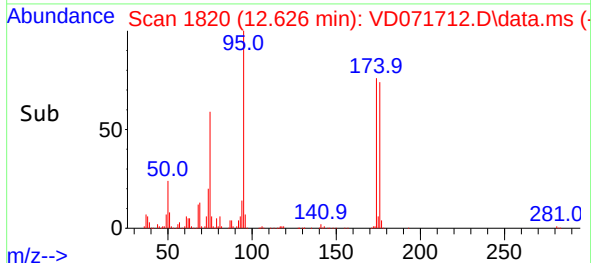
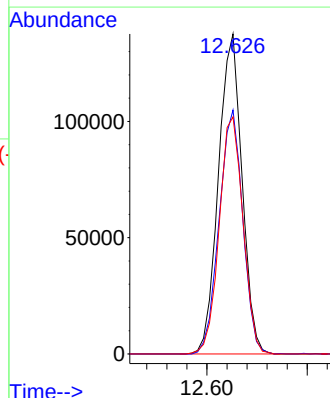
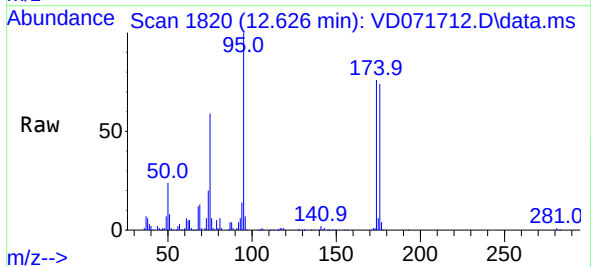
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

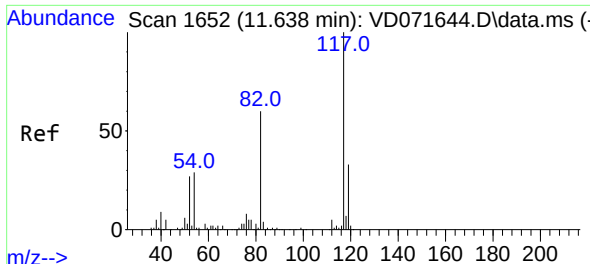
Tgt Ion: 98 Resp: 757623
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.990 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

Tgt Ion: 95 Resp: 223889
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.0
176 74.7 0.0 146.4

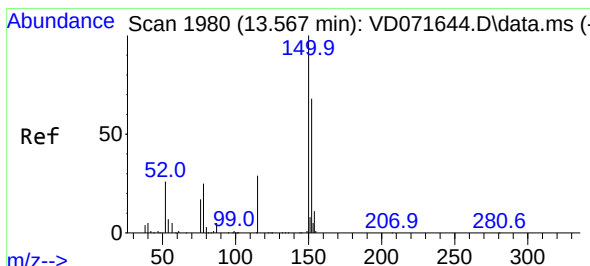
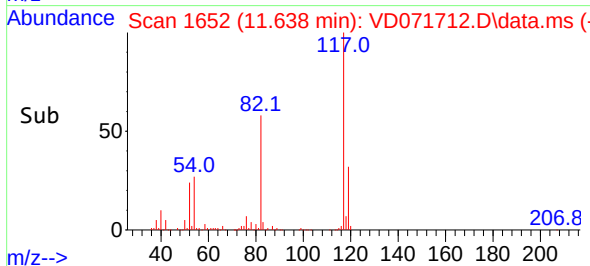
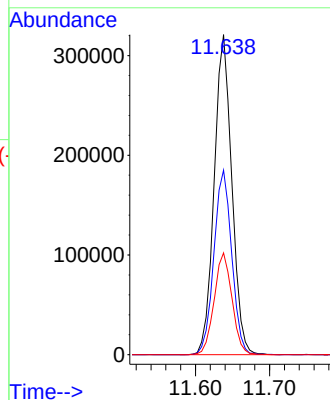
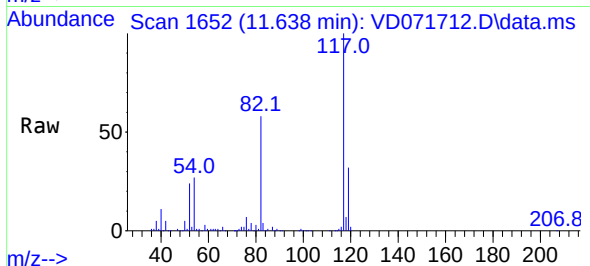




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

Instrument :
MSVOA_D
ClientSampleId :
TP-1S

Tgt Ion:117 Resp: 529885
Ion Ratio Lower Upper
117 100
82 57.7 46.9 70.3
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071712.D
Acq: 13 Jan 2022 16:16

Tgt Ion:152 Resp: 215452
Ion Ratio Lower Upper
152 100
115 62.2 31.5 94.5
150 159.8 0.0 348.0

