

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071688.D
 Acq On : 12 Jan 2022 16:05
 Operator : VA/SY
 Sample : N1097-16
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3D

Quant Time: Jan 13 05:29:25 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	7.979	168	317685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	603997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	536787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	223323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	213423	52.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.420%
35) Dibromofluoromethane	7.914	113	194557	48.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.337	98	773008	51.733	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.626	95	226194	42.960	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.920%

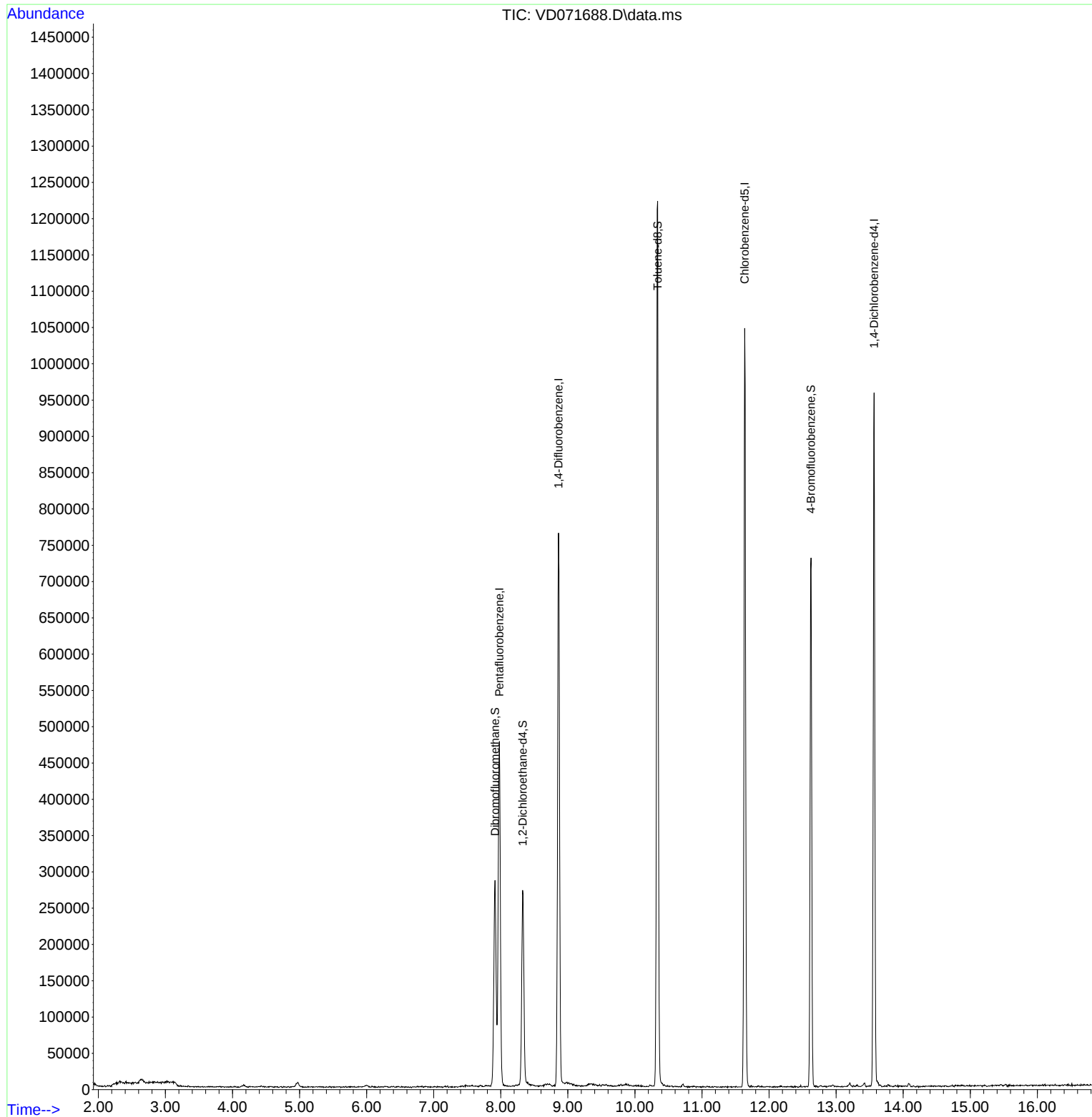
Target Compounds	Qvalue

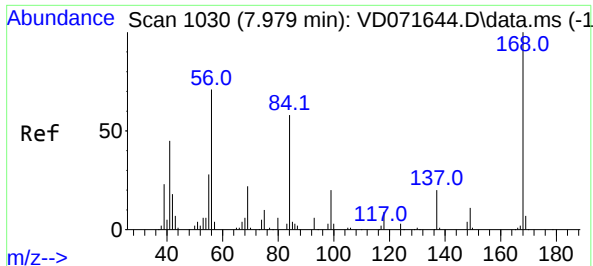
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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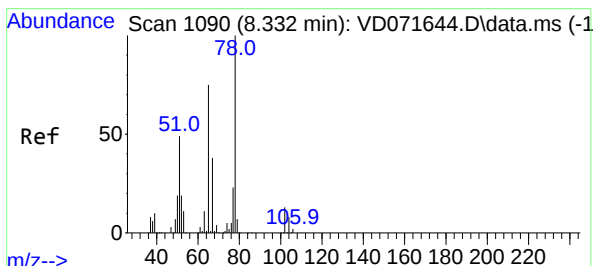
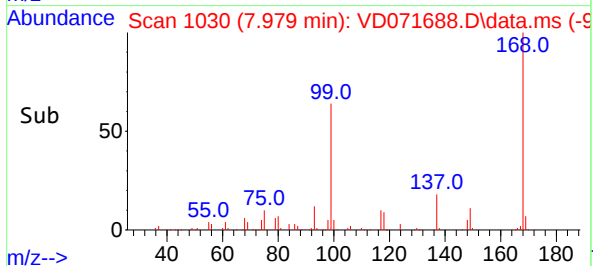
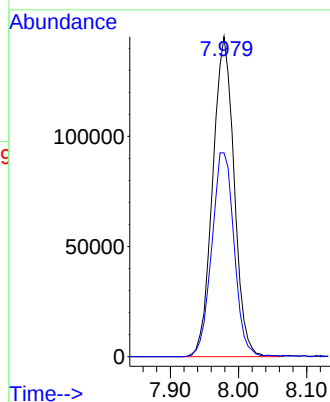
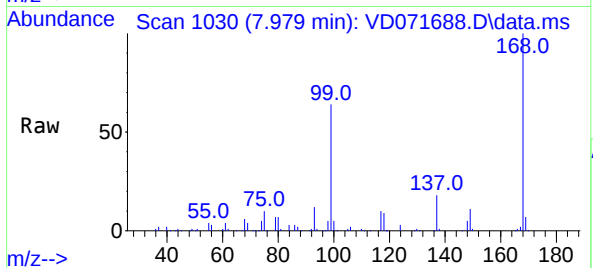




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

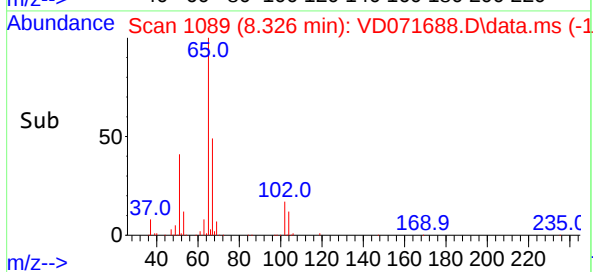
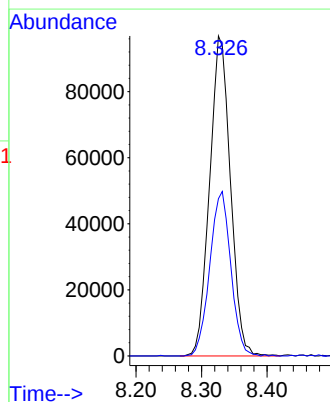
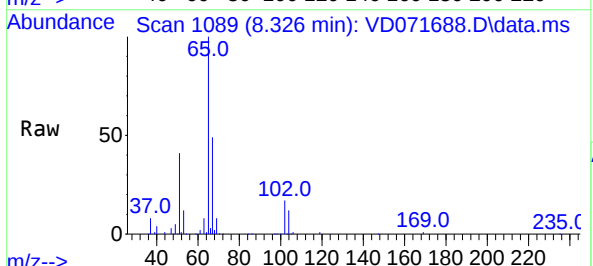
Instrument :
MSVOA_D
ClientSampleId :
TP-3D

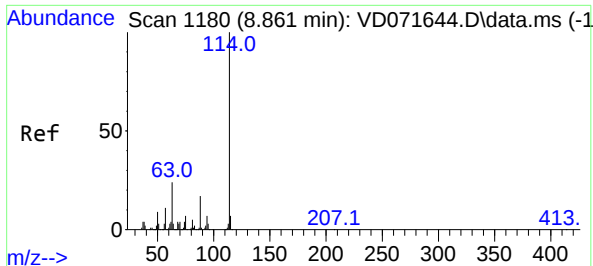
Tgt Ion:168 Resp: 317685
Ion Ratio Lower Upper
168 100
99 63.7 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 52.211 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Tgt Ion: 65 Resp: 213423
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.2

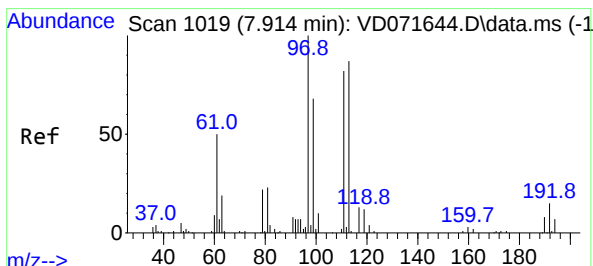
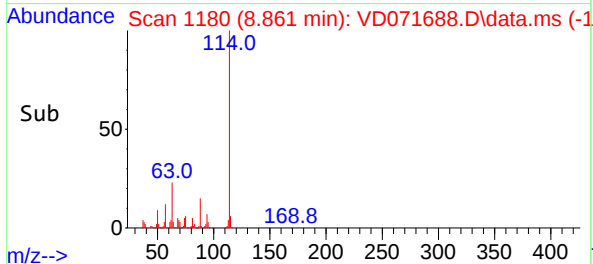
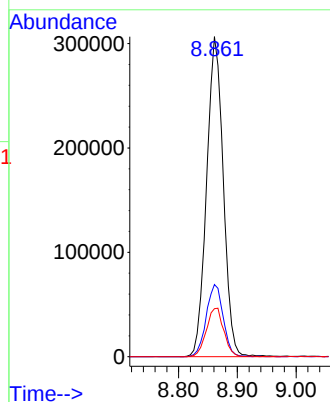
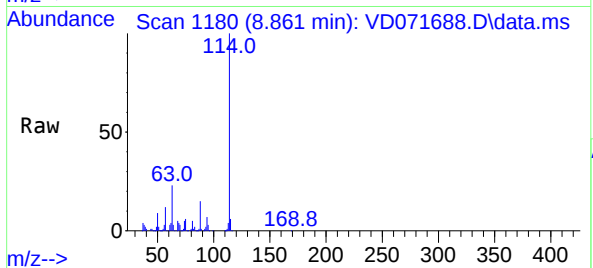




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

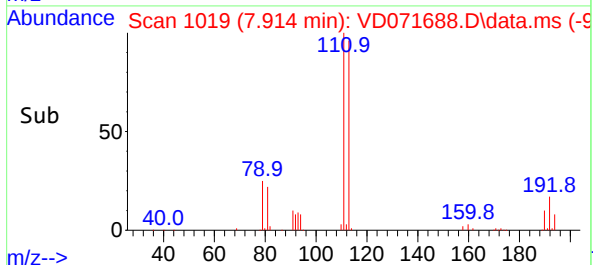
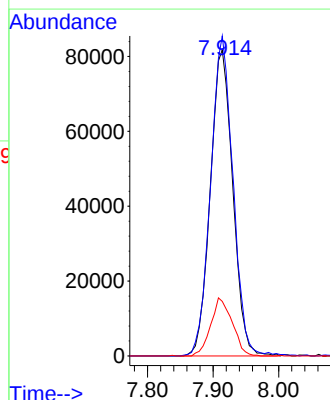
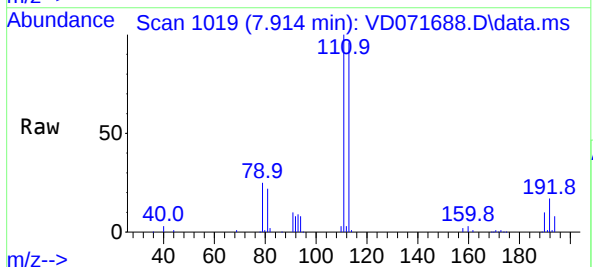
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ClientSampleId :
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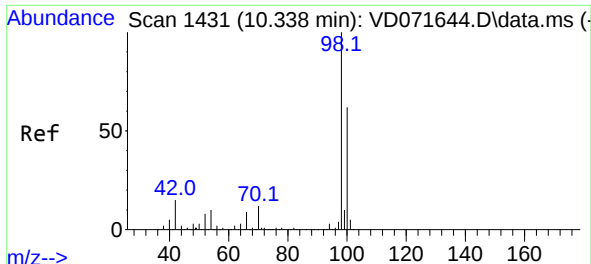
Tgt Ion:114 Resp: 603997
Ion Ratio Lower Upper
114 100
63 22.5 0.0 46.2
88 15.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.741 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Tgt Ion:113 Resp: 194557
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 18.2 14.2 21.2

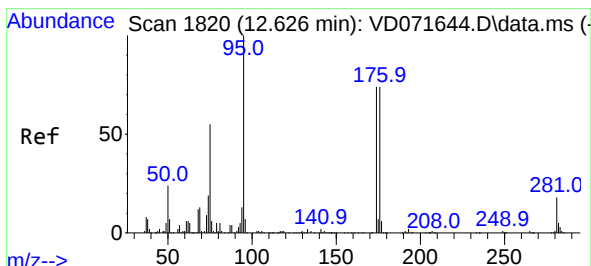
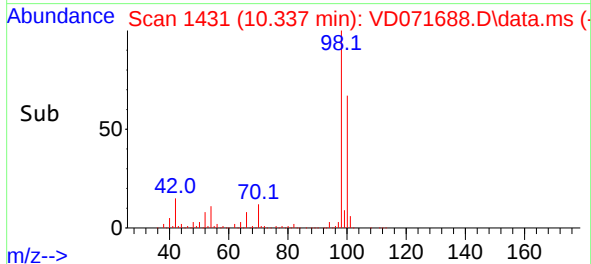
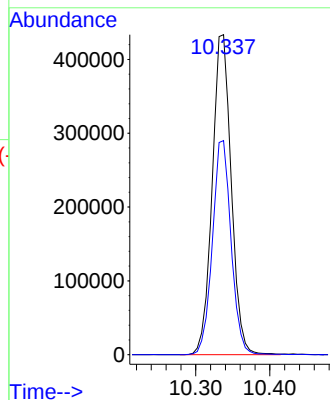
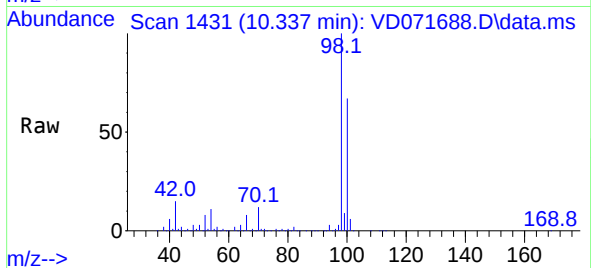




#50
Toluene-d8
Concen: 51.733 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

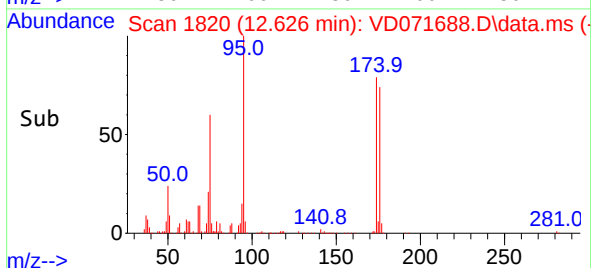
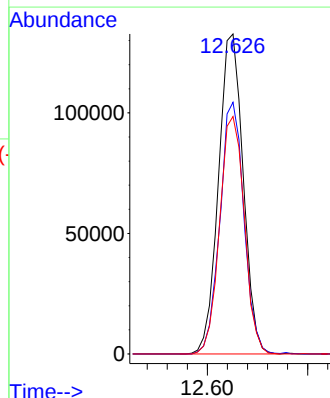
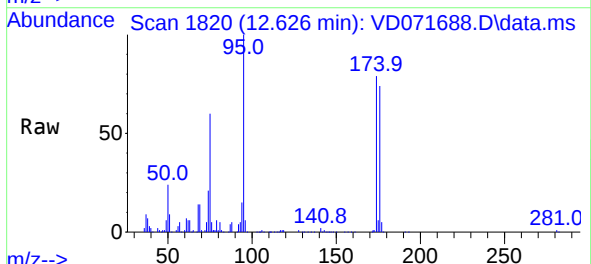
Instrument :
MSVOA_D
ClientSampleId :
TP-3D

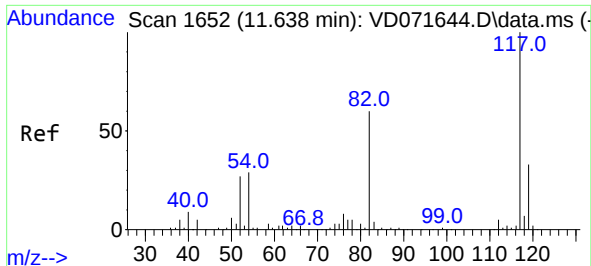
Tgt Ion: 98 Resp: 773008
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.960 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Tgt Ion: 95 Resp: 226194
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.0
176 74.0 0.0 146.4

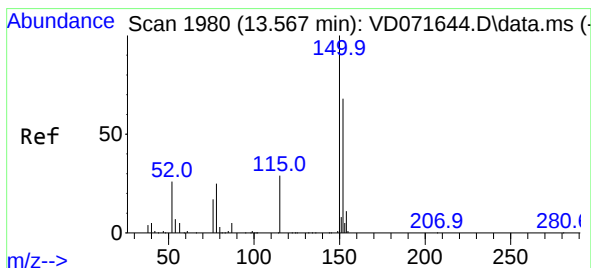
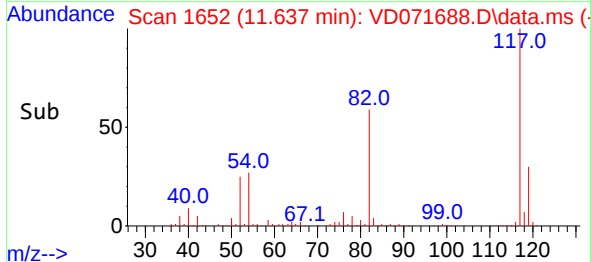
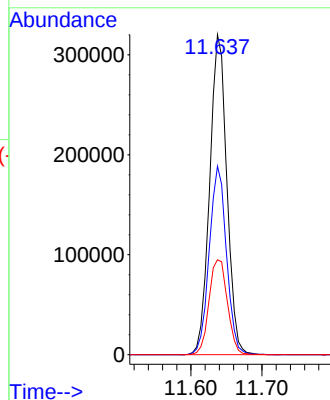
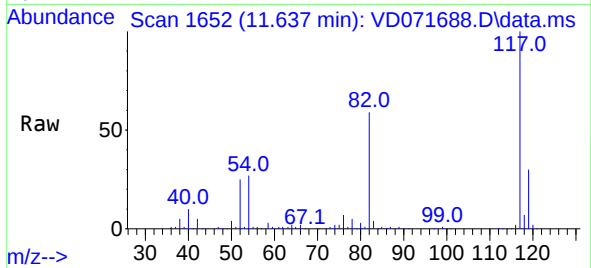




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Instrument :
MSVOA_D
ClientSampleId :
TP-3D

Tgt Ion:117 Resp: 536787
Ion Ratio Lower Upper
117 100
82 58.9 46.9 70.3
119 29.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Tgt Ion:152 Resp: 223323
Ion Ratio Lower Upper
152 100
115 62.0 31.5 94.5
150 160.8 0.0 348.0

