

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071182.D
 Acq On : 07 Dec 2021 14:40
 Operator : VA/SY
 Sample : M4959-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1D

Quant Time: Dec 08 02:49:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	15393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	28461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	33361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	15867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	13994	77.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.960%
35) Dibromofluoromethane	7.920	113	7982	44.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.080%
50) Toluene-d8	10.337	98	33849	49.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.625	95	14919	62.403	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.800%

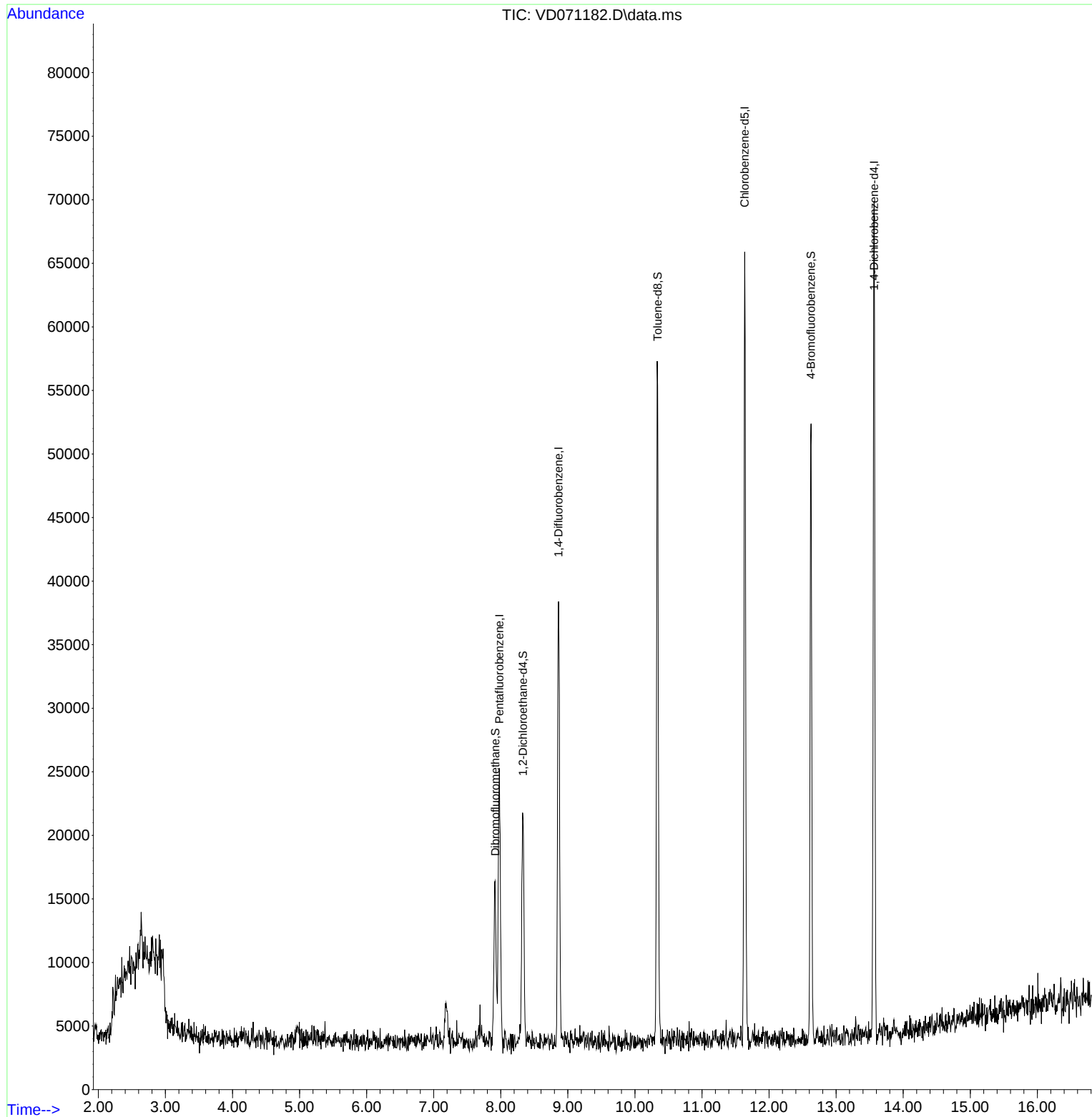
Target Compounds	Qvalue

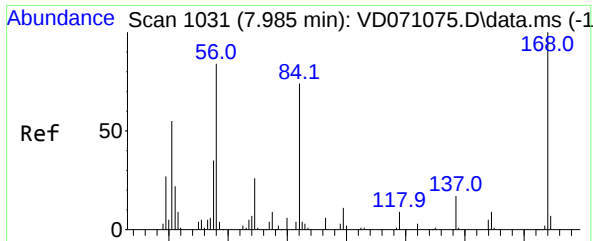
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071182.D

Acq: 07 Dec 2021 14:40

Instrument :

MSVOA_D

ClientSampleId :

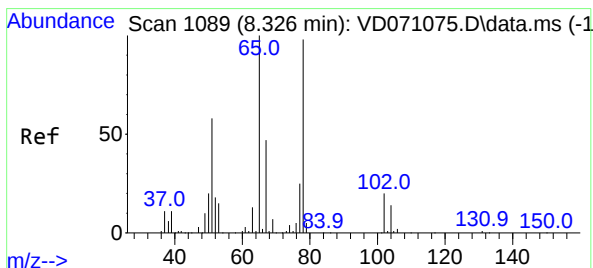
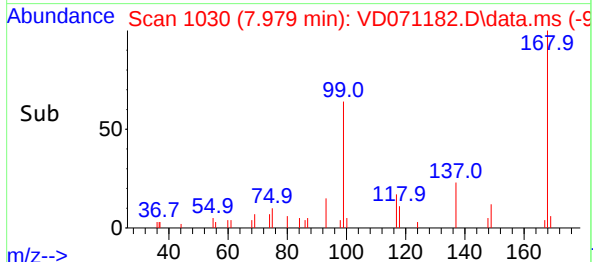
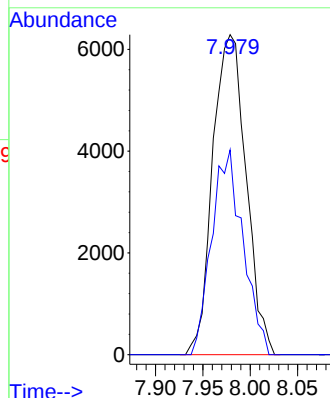
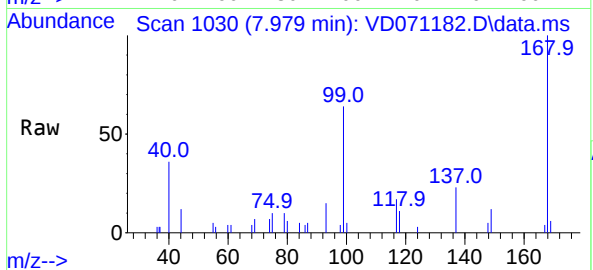
TP-1D

Tgt Ion:168 Resp: 15393

Ion Ratio Lower Upper

168 100

99 64.0 46.6 69.8



1,2-Dichloroethane-d4

Concen: 77.478 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071182.D

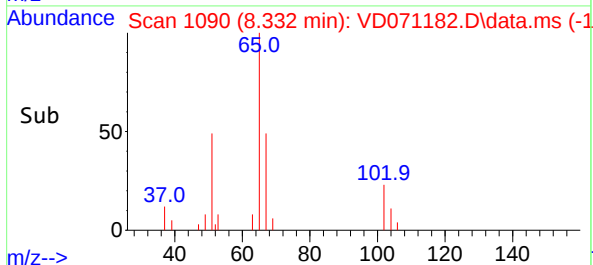
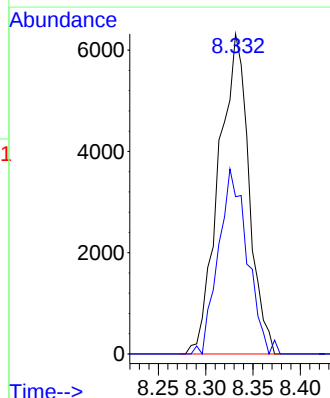
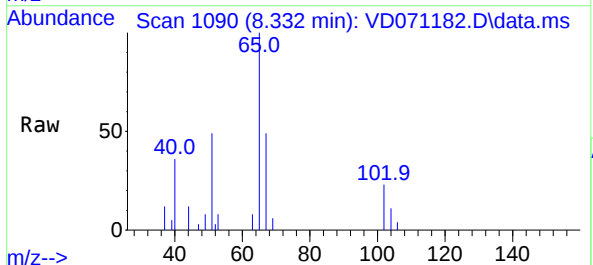
Acq: 07 Dec 2021 14:40

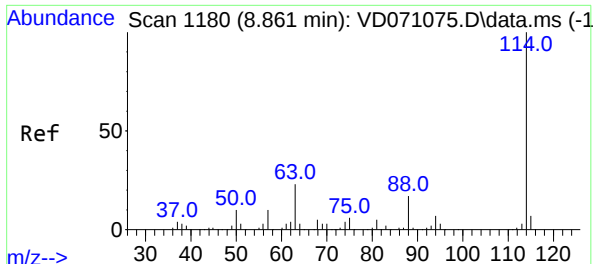
Tgt Ion: 65 Resp: 13994

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.2



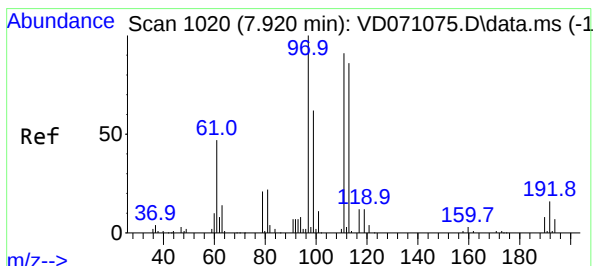
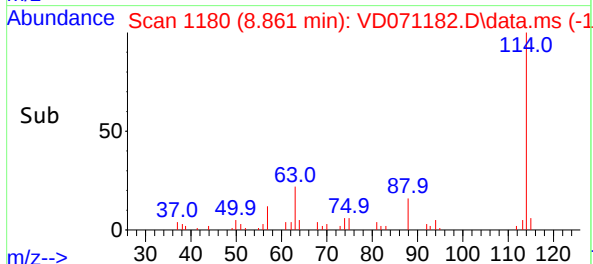
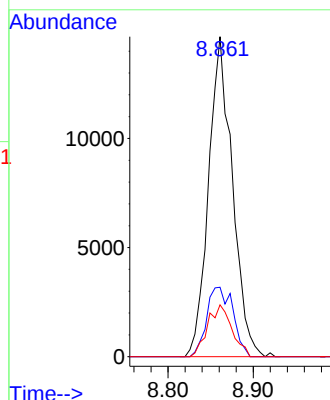
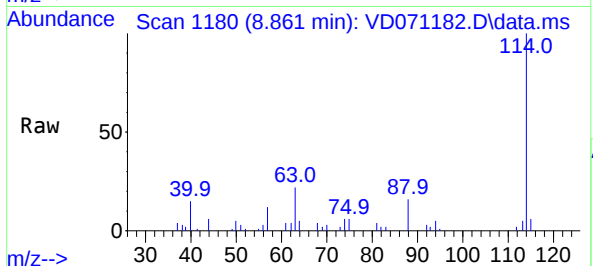


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071182.D
Acq: 07 Dec 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

Tgt Ion:114 Resp: 28461

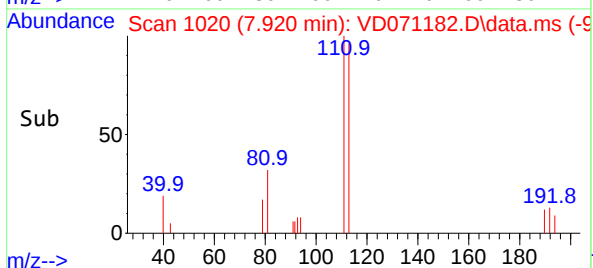
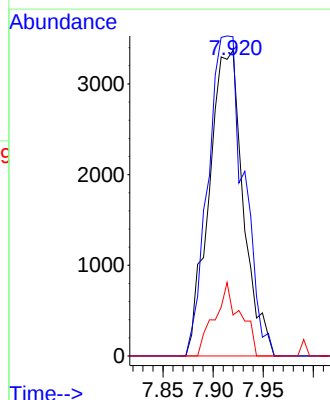
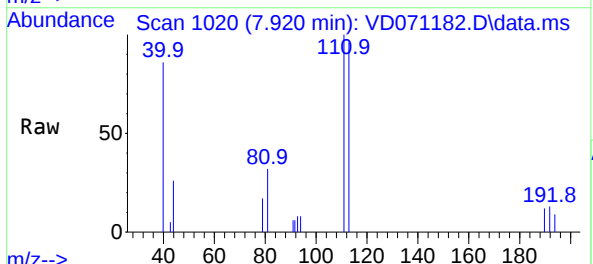
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.8
88	16.2	0.0	32.8

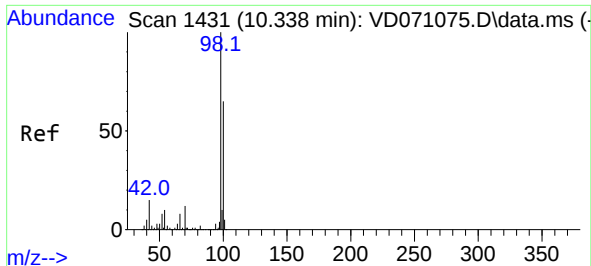


#35
Dibromofluoromethane
Concen: 44.042 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD071182.D
Acq: 07 Dec 2021 14:40

Tgt Ion:113 Resp: 7982

Ion	Ratio	Lower	Upper
113	100		
111	109.7	82.0	123.0
192	18.2	15.2	22.8

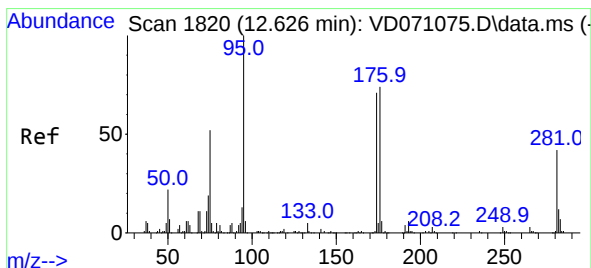
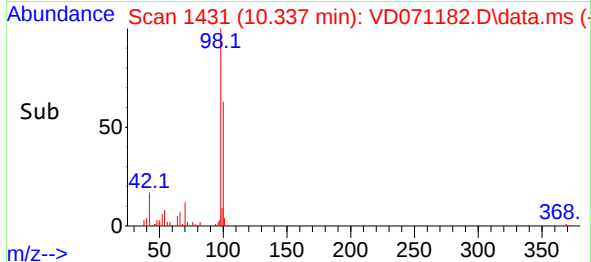
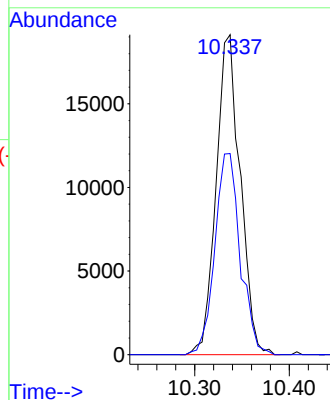
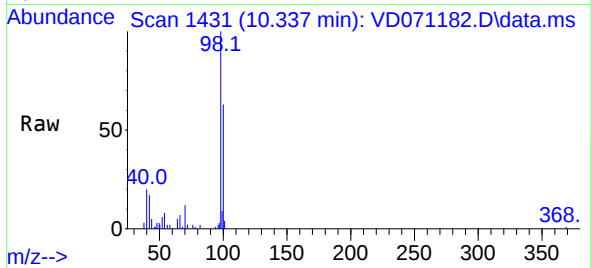




#50
Toluene-d8
Concen: 49.078 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD071182.D
Acq: 07 Dec 2021 14:40

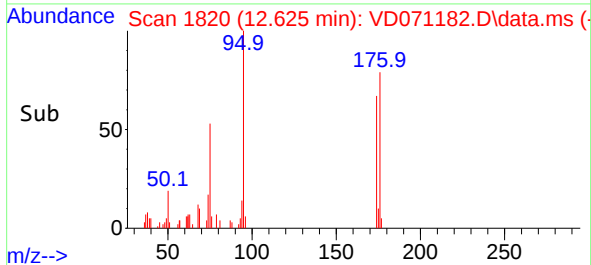
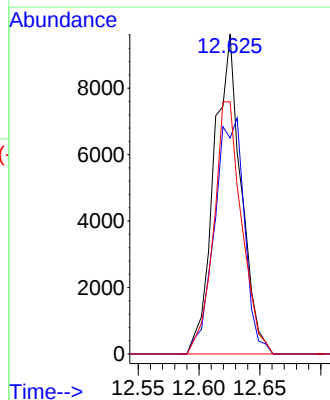
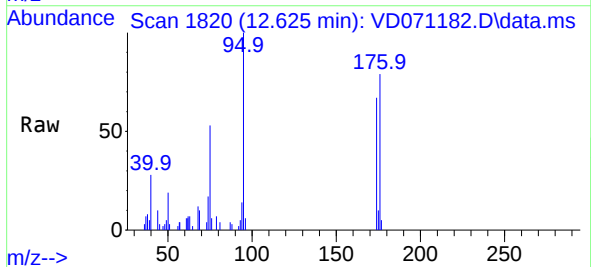
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

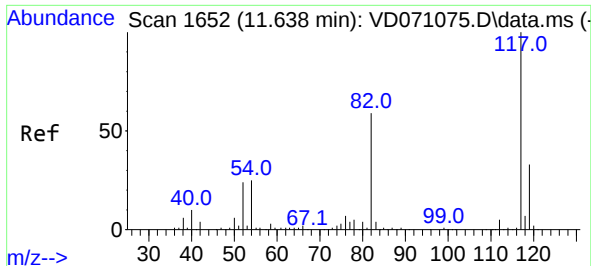
Tgt Ion: 98 Resp: 33849
Ion Ratio Lower Upper
98 100
100 66.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.403 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.001 min
Lab File: VD071182.D
Acq: 07 Dec 2021 14:40

Tgt Ion: 95 Resp: 14919
Ion Ratio Lower Upper
95 100
174 81.0 0.0 159.4
176 81.3 0.0 154.0



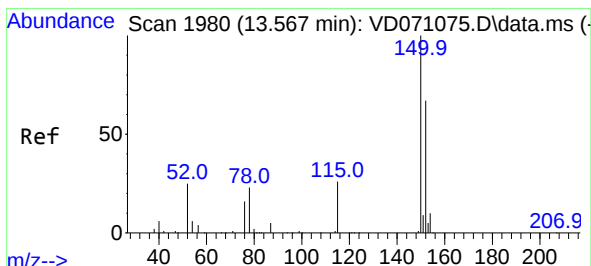
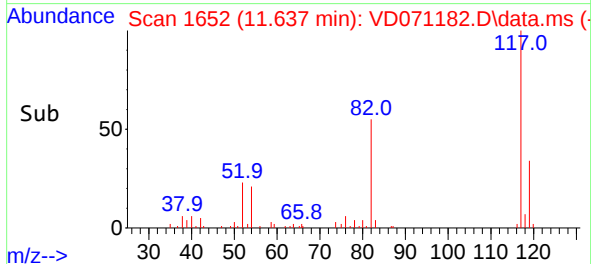
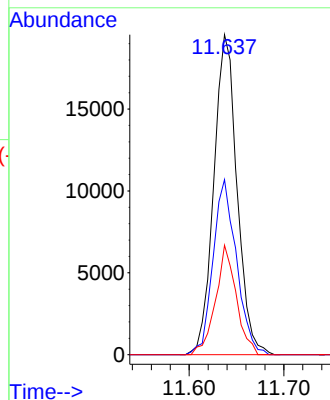
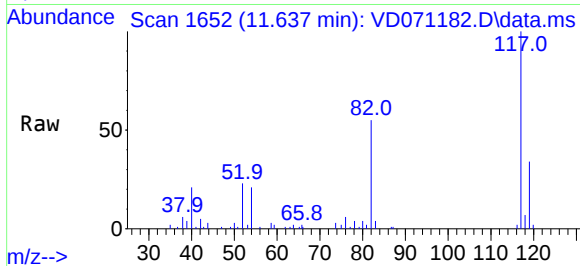


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD071182.D
Acq: 07 Dec 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

Tgt Ion:117 Resp: 33361

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.7	67.1
119	34.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071182.D
Acq: 07 Dec 2021 14:40

Tgt Ion:152 Resp: 15867

Ion	Ratio	Lower	Upper
152	100		
115	64.7	29.8	89.3
150	160.7	0.0	349.2

