

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071686.D
 Acq On : 12 Jan 2022 15:08
 Operator : VA/SY
 Sample : N1097-10
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2D

Quant Time: Jan 13 05:29:05 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	17792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	30666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	29557	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	18073	78.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.880%
35) Dibromofluoromethane	7.920	113	10533	51.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.940%
50) Toluene-d8	10.332	98	36928	48.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.620	95	12141	45.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.840%

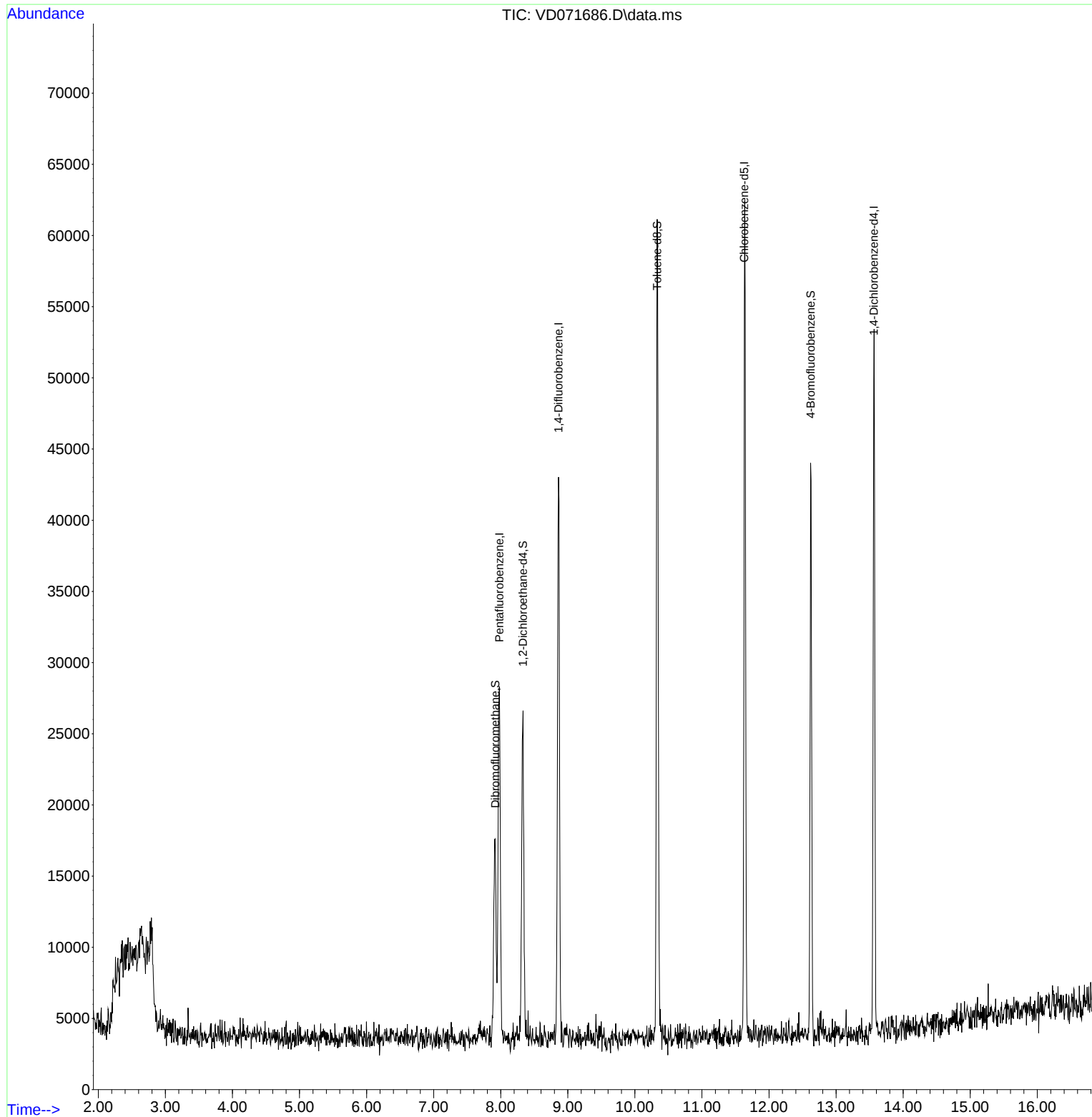
Target Compounds	Qvalue

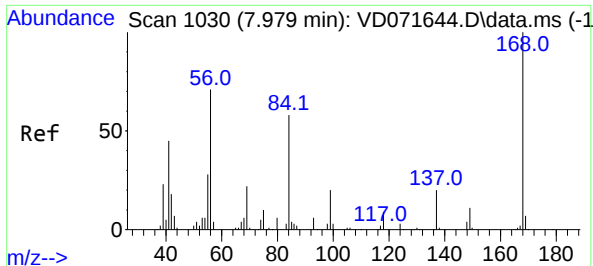
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071686.D

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Instrument :

MSVOA_D

ClientSampleId :

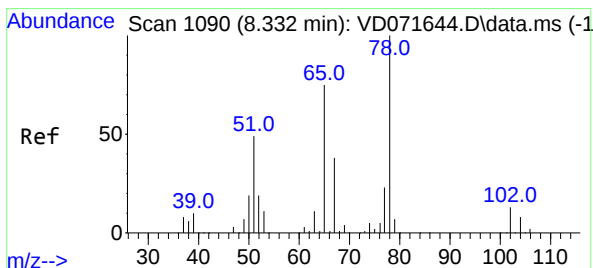
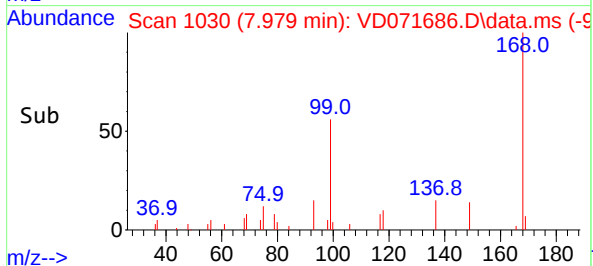
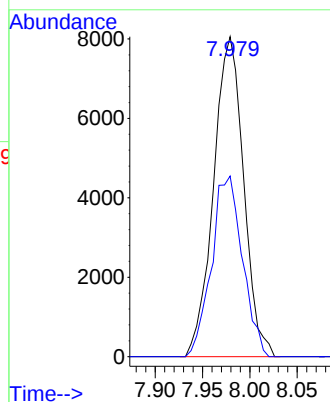
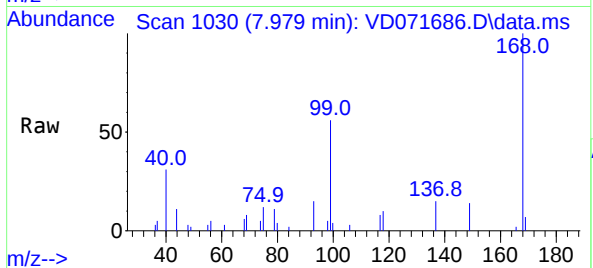
TP-2D

Tgt Ion:168 Resp: 17792

Ion Ratio Lower Upper

168 100

99 56.5 51.8 77.6



1,2-Dichloroethane-d4

Concen: 78.945 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071686.D

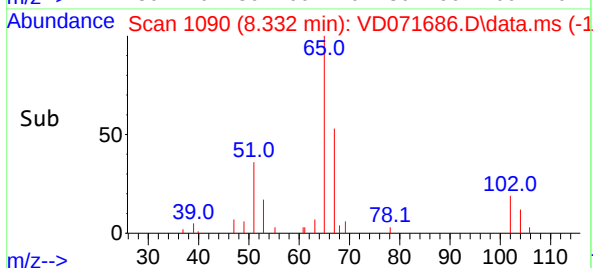
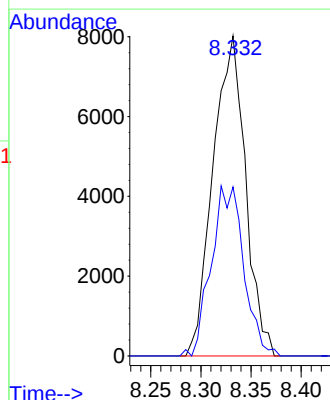
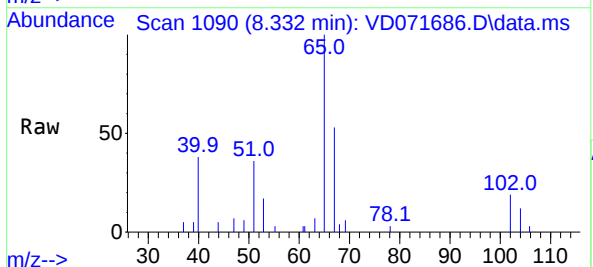
Acq: 12 Jan 2022 15:08

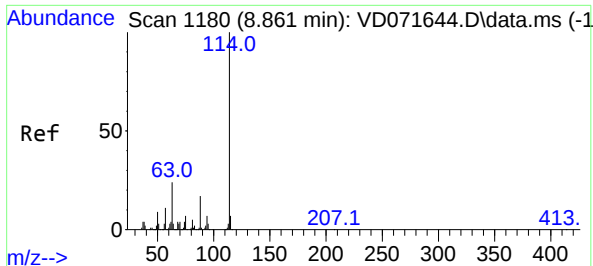
Tgt Ion: 65 Resp: 18073

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.2

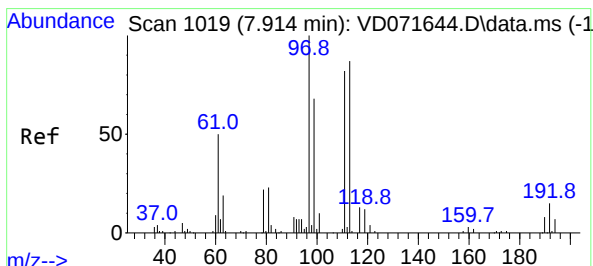
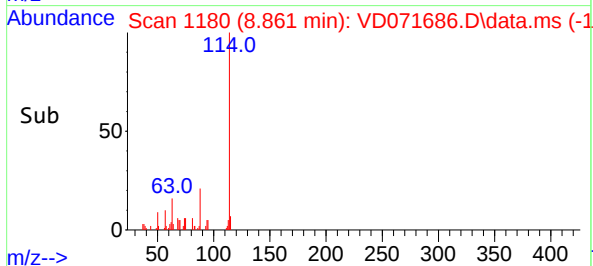
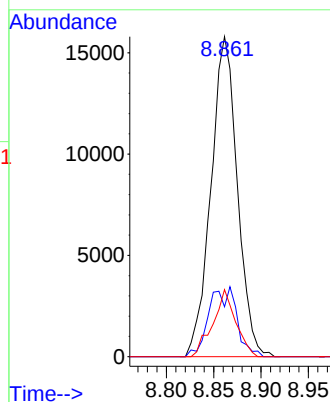
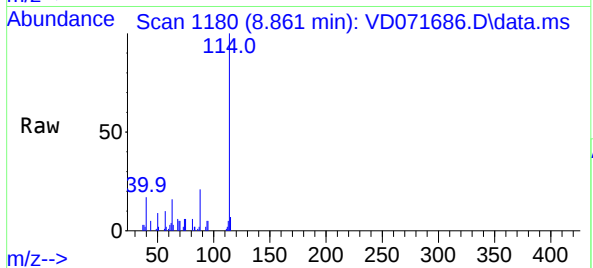




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071686.D
Acq: 12 Jan 2022 15:08

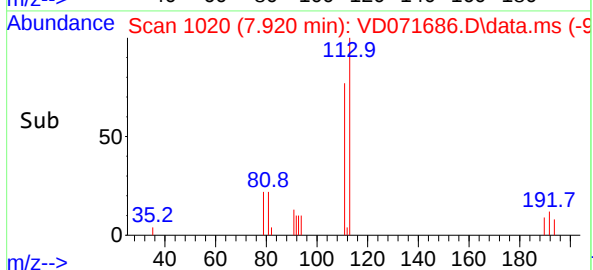
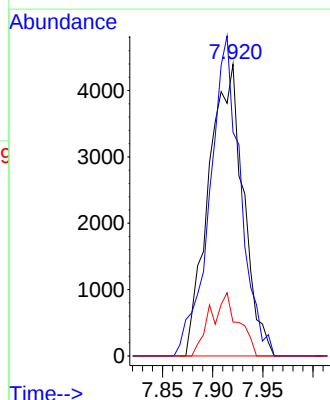
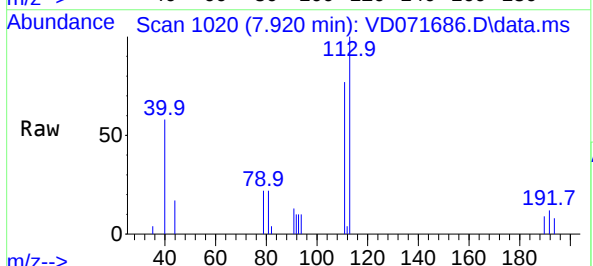
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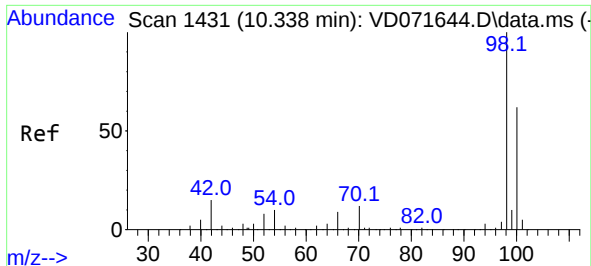
Tgt Ion:	114	Resp:	30666
Ion Ratio	Lower	Upper	
114	100		
63	15.6	0.0	46.2
88	21.0	0.0	32.0



#35
Dibromofluoromethane
Concen: 51.973 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD071686.D
Acq: 12 Jan 2022 15:08

Tgt Ion:	113	Resp:	10533
Ion Ratio	Lower	Upper	
113	100		
111	97.4	82.2	123.4
192	17.5	14.2	21.2

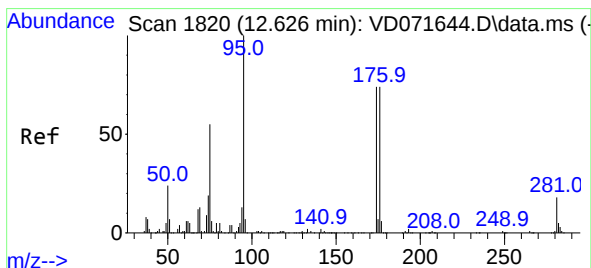
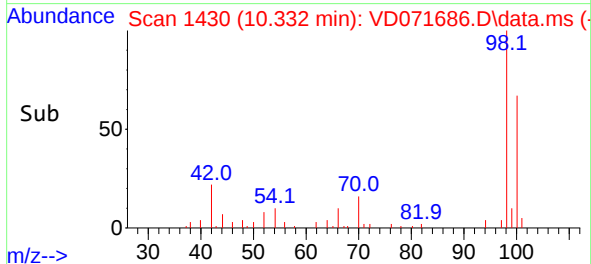
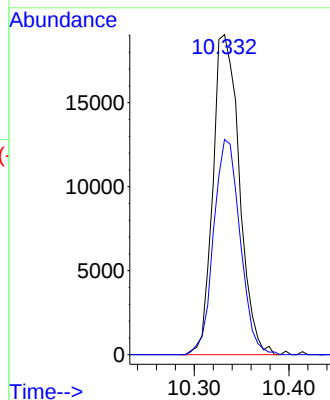
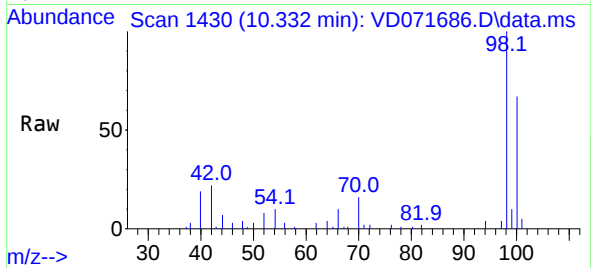




#50
Toluene-d8
Concen: 48.677 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071686.D
Acq: 12 Jan 2022 15:08

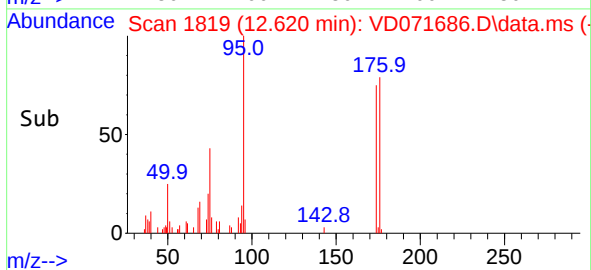
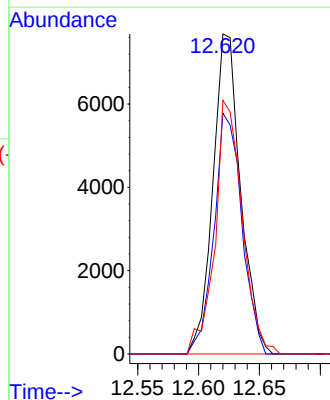
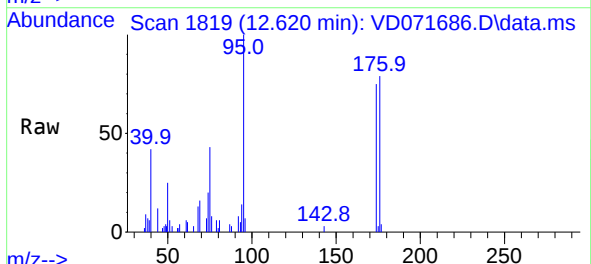
Instrument :
MSVOA_D
ClientSampleId :
TP-2D

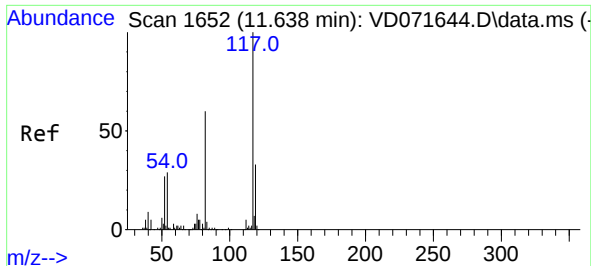
Tgt Ion: 98 Resp: 36928
Ion Ratio Lower Upper
98 100
100 67.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.417 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071686.D
Acq: 12 Jan 2022 15:08

Tgt Ion: 95 Resp: 12141
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.0
176 78.2 0.0 146.4

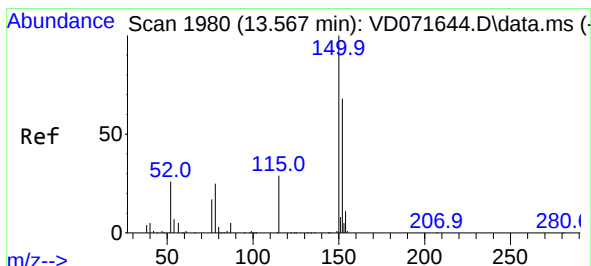
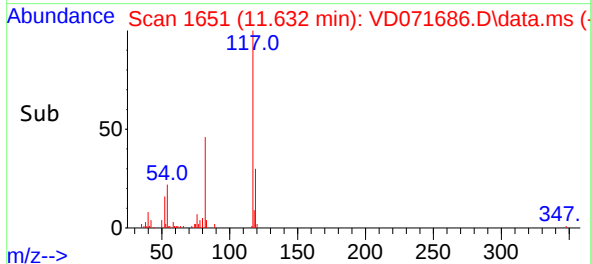
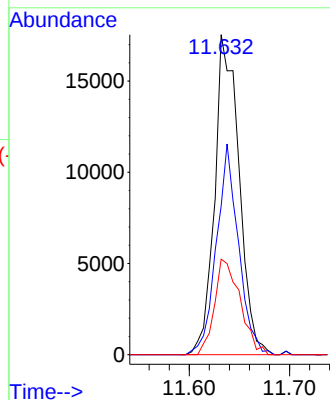
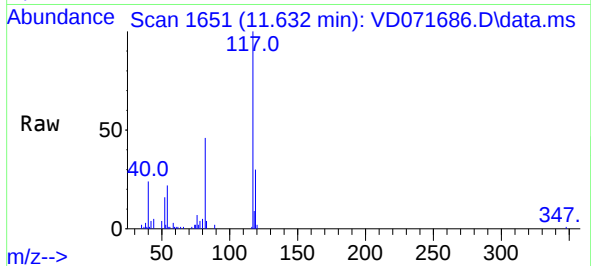




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071686.D
Acq: 12 Jan 2022 15:08

Instrument :
MSVOA_D
ClientSampleId :
TP-2D

Tgt Ion:117 Resp: 29557
Ion Ratio Lower Upper
117 100
82 46.5 46.9 70.3#
119 29.9 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: VD071686.D
Acq: 12 Jan 2022 15:08

Tgt Ion:152 Resp: 12515
Ion Ratio Lower Upper
152 100
115 62.1 31.5 94.5
150 148.9 0.0 348.0

