

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071365.D
 Acq On : 16 Dec 2021 14:13
 Operator : VA/SY
 Sample : M5083-16
 Misc : 6.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB6

Quant Time: Dec 16 23:48:42 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	72865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	126258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	122384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	54510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	70161	82.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.120%#
35) Dibromofluoromethane	7.908	113	46559	57.909	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.820%
50) Toluene-d8	10.332	98	154936	50.639	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.620	95	54038	50.951	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.900%

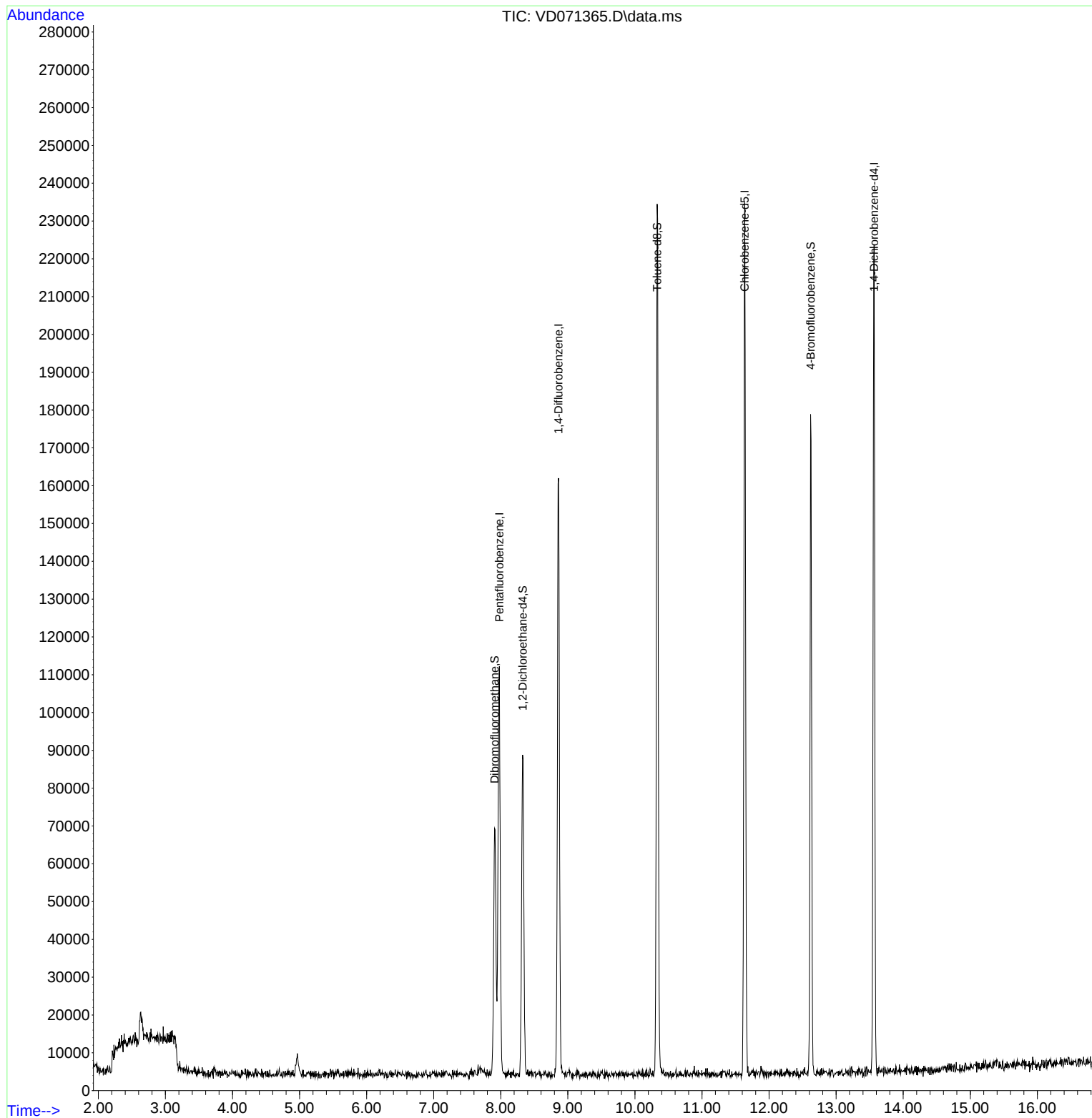
Target Compounds	Qvalue

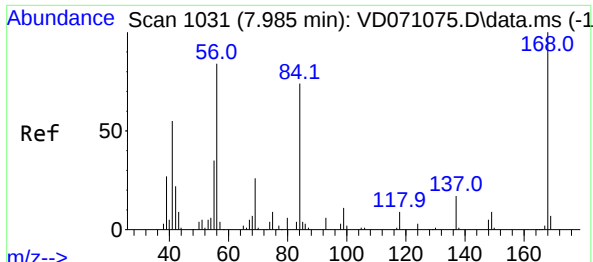
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071365.D

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Instrument :

MSVOA_D

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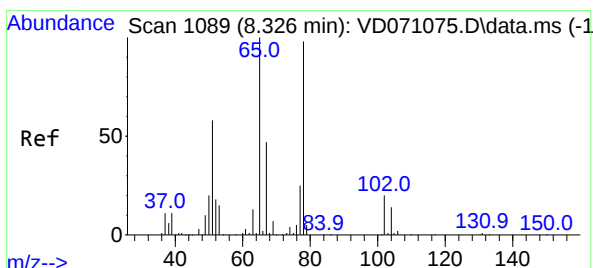
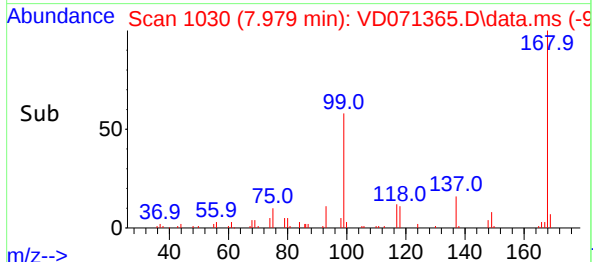
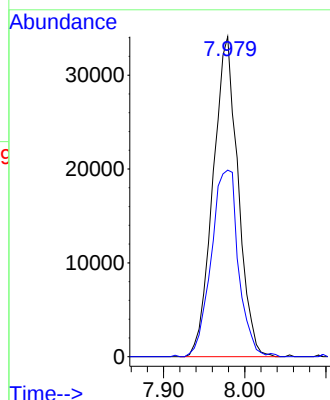
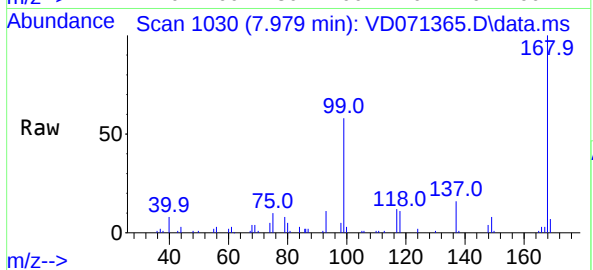
BB6

Tgt Ion:168 Resp: 72865

Ion Ratio Lower Upper

168 100

99 58.3 46.6 69.8



1,2-Dichloroethane-d4

Concen: 82.061 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071365.D

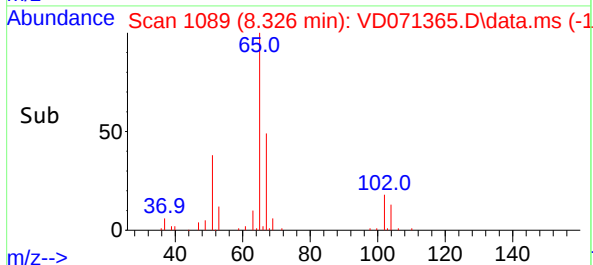
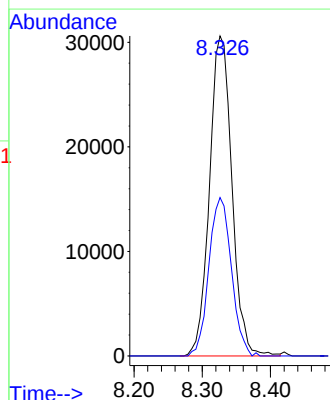
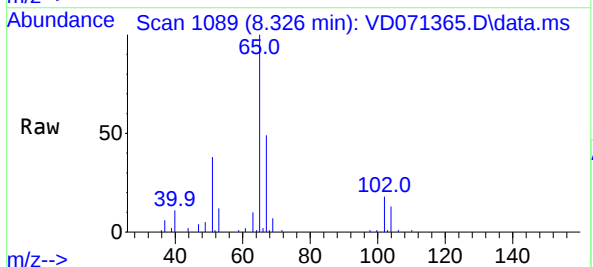
Acq: 16 Dec 2021 14:13

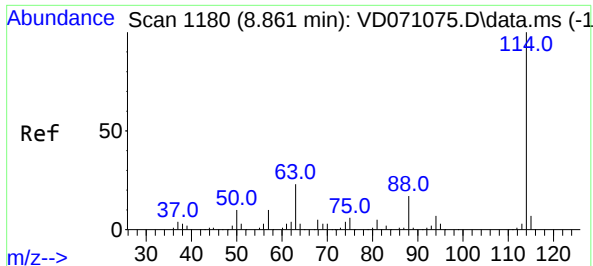
Tgt Ion: 65 Resp: 70161

Ion Ratio Lower Upper

65 100

67 49.6 0.0 112.2



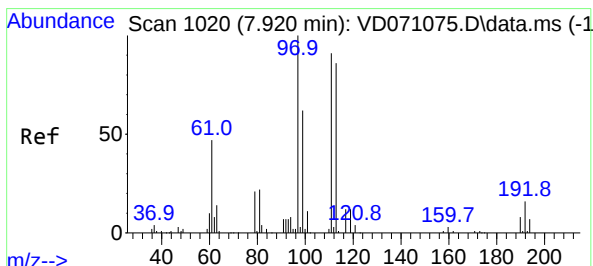
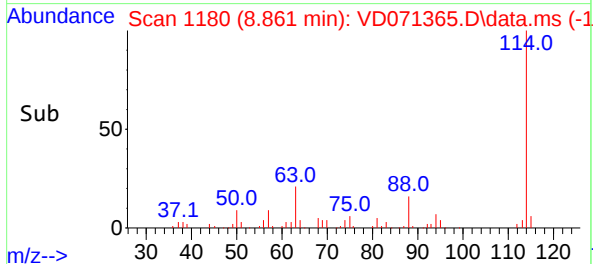
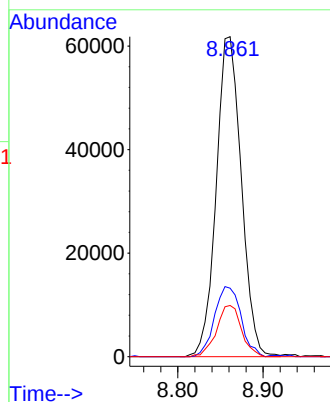
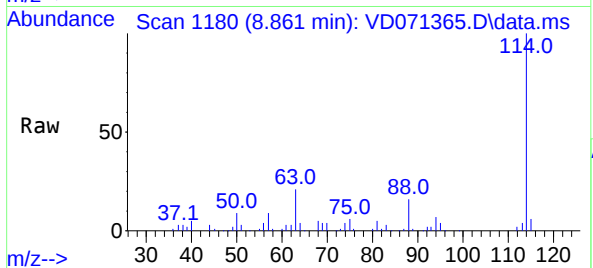


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071365.D
Acq: 16 Dec 2021 14:13

Instrument :
MSVOA_D
ClientSampleId :
BB6

Tgt Ion:114 Resp: 126258

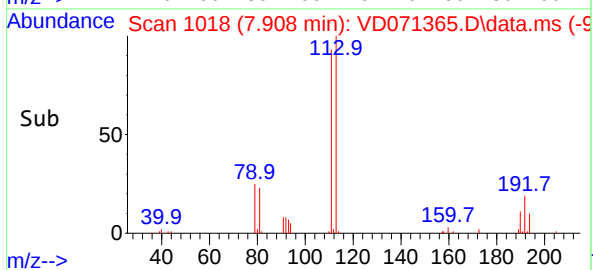
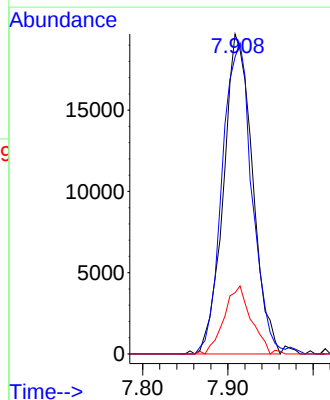
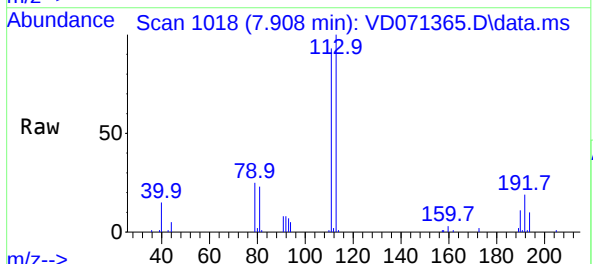
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.8
88	16.0	0.0	32.8

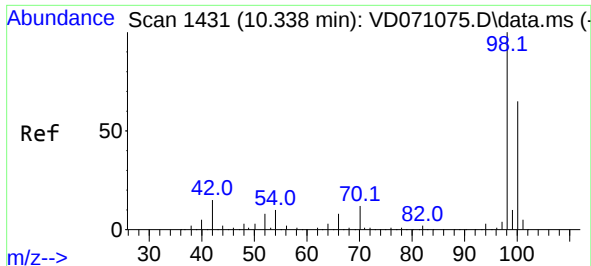


#35
Dibromofluoromethane
Concen: 57.909 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071365.D
Acq: 16 Dec 2021 14:13

Tgt Ion:113 Resp: 46559

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	19.9	15.2	22.8

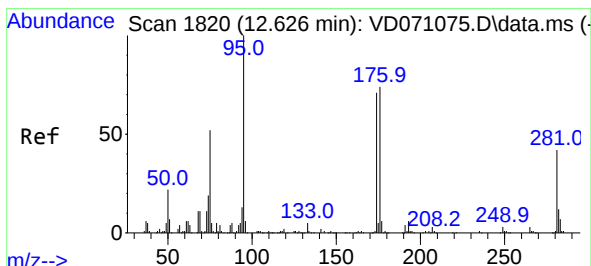
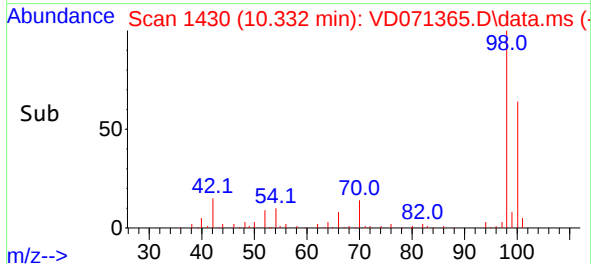
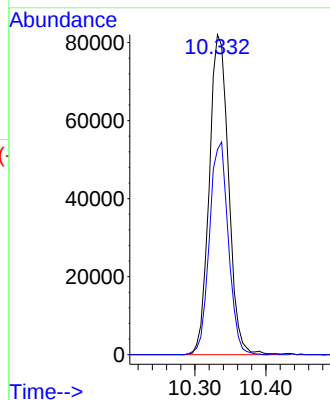
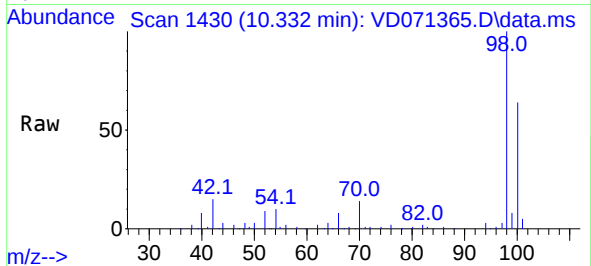




#50
Toluene-d8
Concen: 50.639 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071365.D
Acq: 16 Dec 2021 14:13

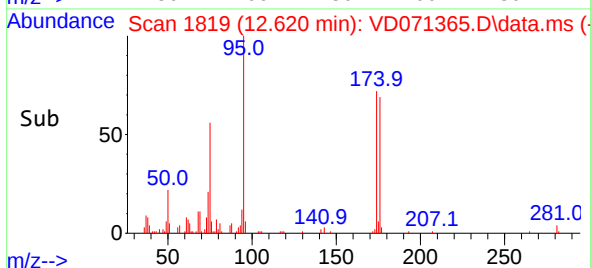
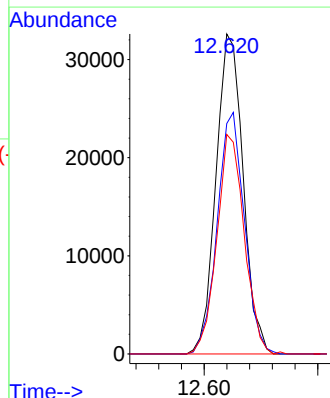
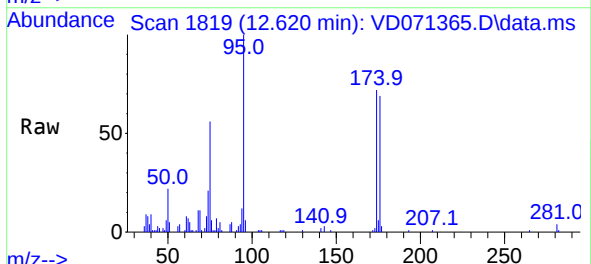
Instrument :
MSVOA_D
ClientSampleId :
BB6

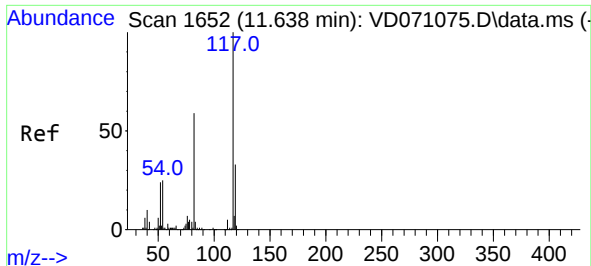
Tgt Ion: 98 Resp: 154936
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.951 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071365.D
Acq: 16 Dec 2021 14:13

Tgt Ion: 95 Resp: 54038
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.4
176 69.4 0.0 154.0

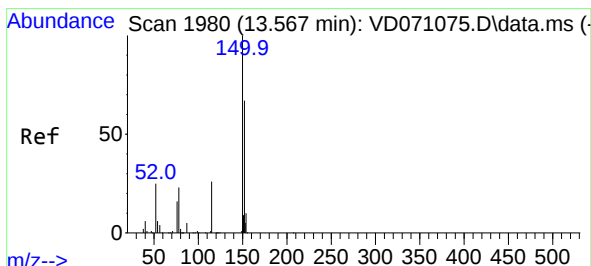
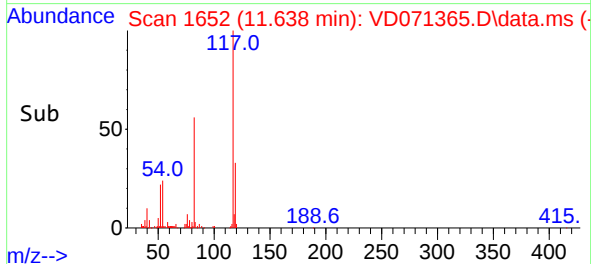
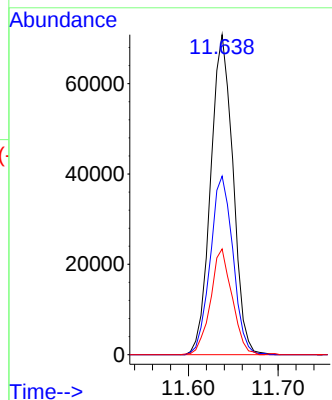
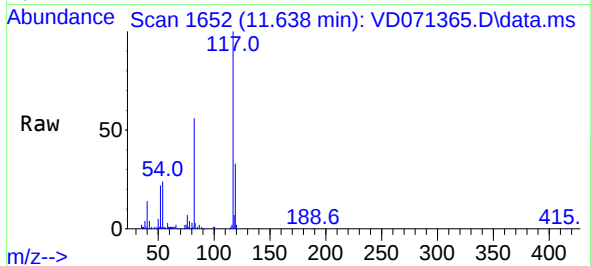




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071365.D
Acq: 16 Dec 2021 14:13

Instrument :
MSVOA_D
ClientSampleId :
BB6

Tgt Ion:117 Resp: 122384
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 33.1 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: VD071365.D
Acq: 16 Dec 2021 14:13

Tgt Ion:152 Resp: 54510
Ion Ratio Lower Upper
152 100
115 58.9 29.8 89.3
150 154.7 0.0 349.2

