

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071188.D
 Acq On : 07 Dec 2021 17:27
 Operator : VA/SY
 Sample : M4959-19
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3D

Quant Time: Dec 08 02:51:44 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	10262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	17391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	19725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	10021	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	9198	76.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.780%
35) Dibromofluoromethane	7.914	113	4985	45.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.020%
50) Toluene-d8	10.338	98	22000	52.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.626	95	10435	71.431	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	142.860%

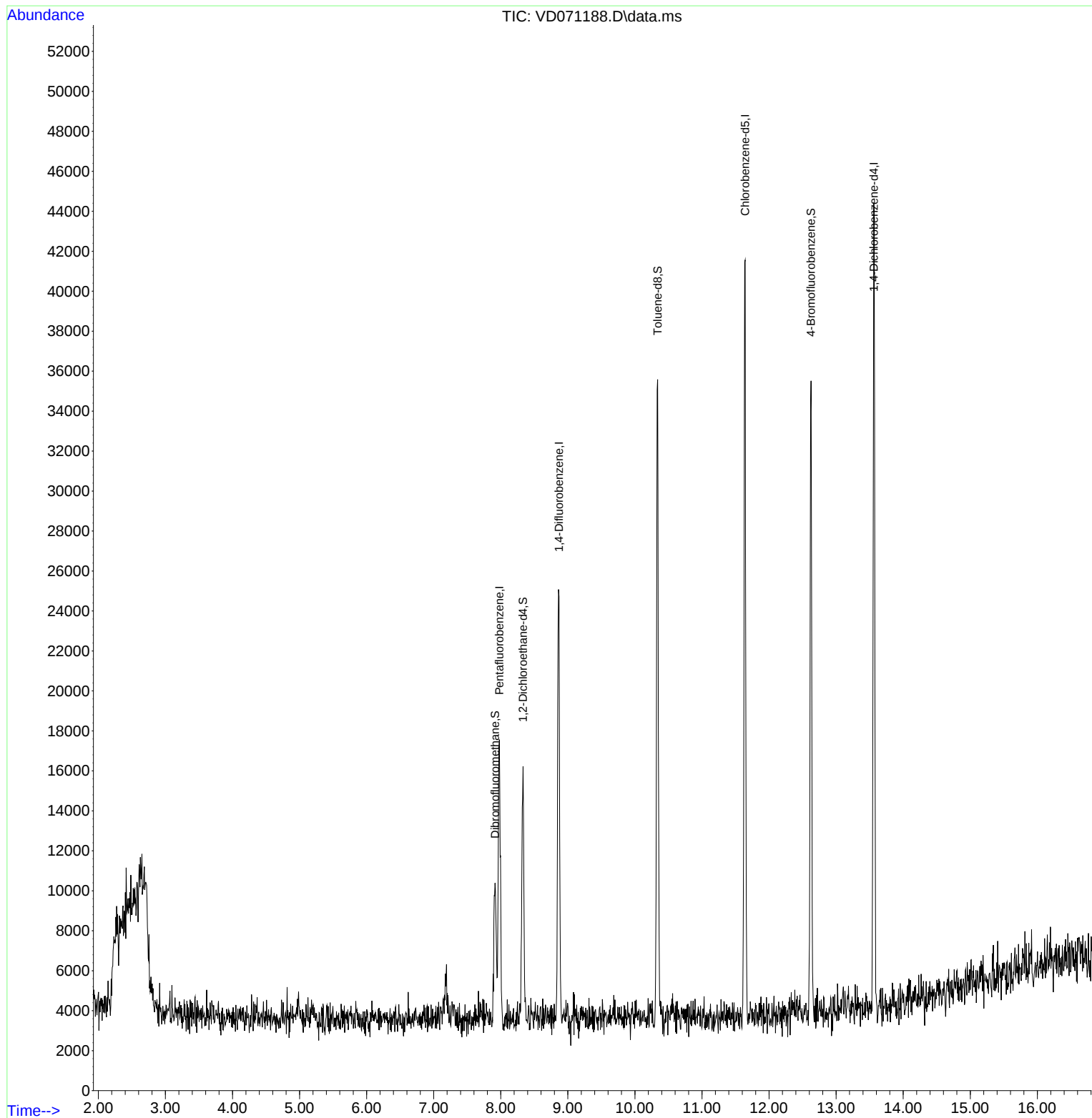
Target Compounds	Qvalue

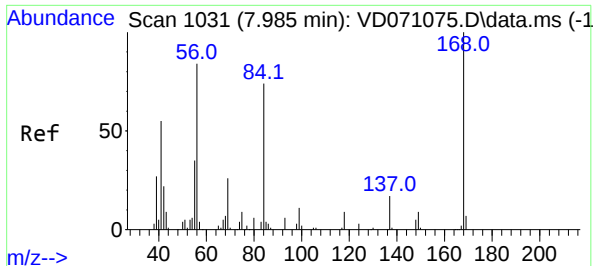
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071188.D

Acq: 07 Dec 2021 17:27

Instrument :

MSVOA_D

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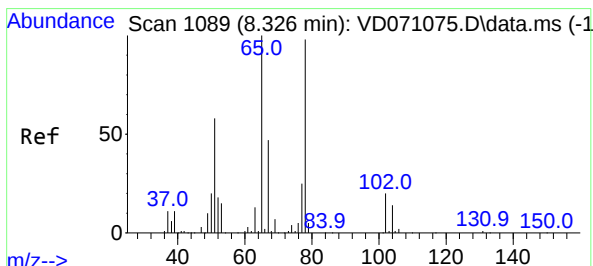
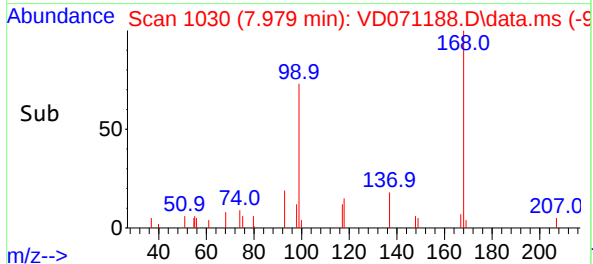
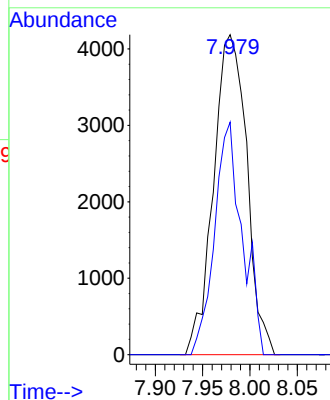
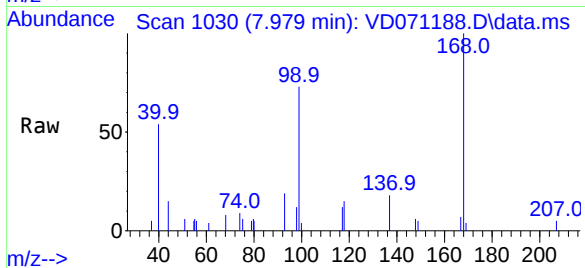
TP-3D

Tgt Ion:168 Resp: 10262

Ion Ratio Lower Upper

168 100

99 72.6 46.6 69.8#



1,2-Dichloroethane-d4

Concen: 76.387 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071188.D

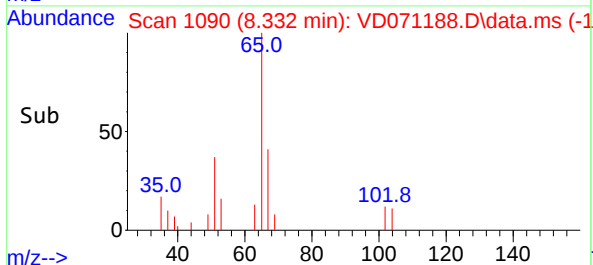
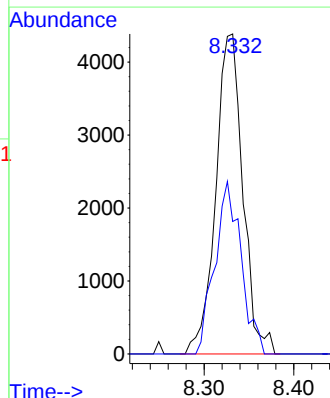
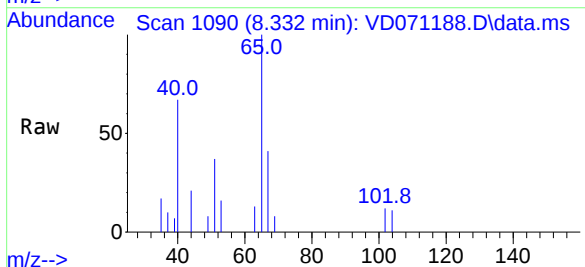
Acq: 07 Dec 2021 17:27

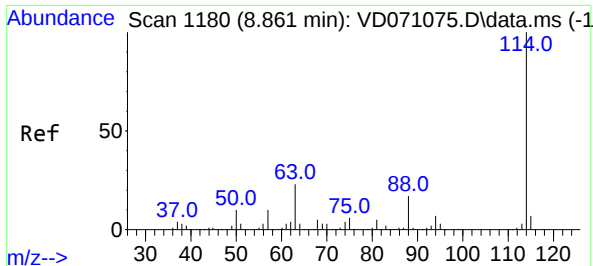
Tgt Ion: 65 Resp: 9198

Ion Ratio Lower Upper

65 100

67 52.2 0.0 112.2



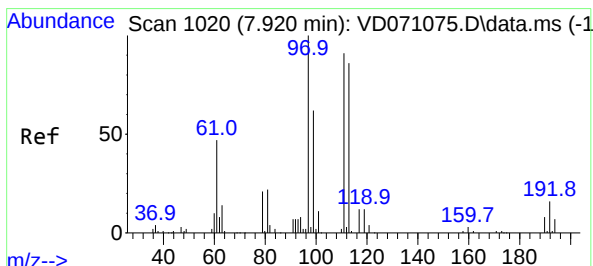
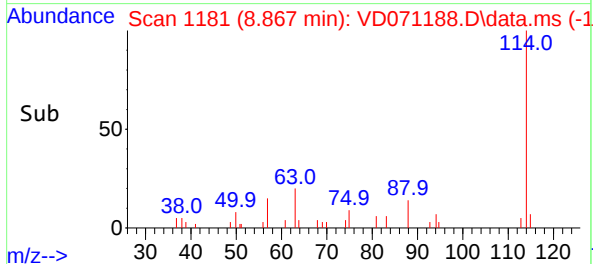
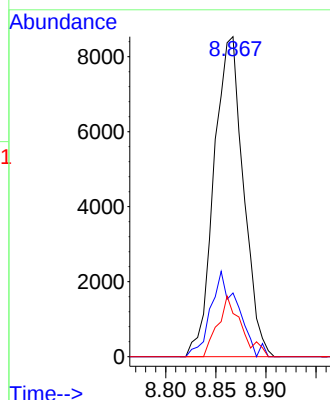
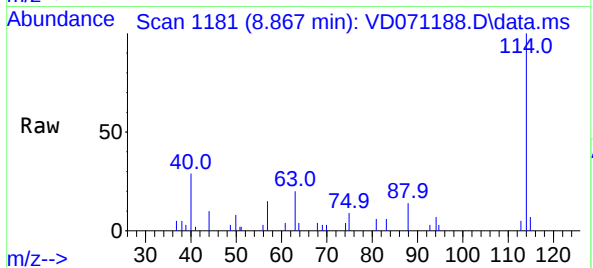


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD071188.D
Acq: 07 Dec 2021 17:27

Instrument :
MSVOA_D
ClientSampleId :
TP-3D

Tgt Ion:114 Resp: 17391

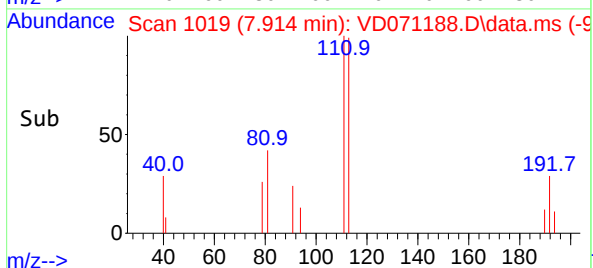
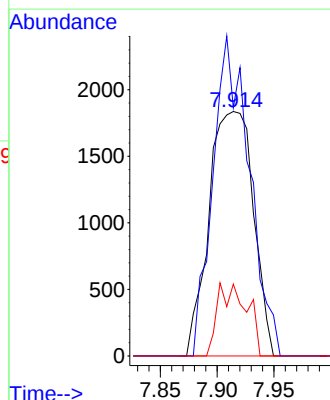
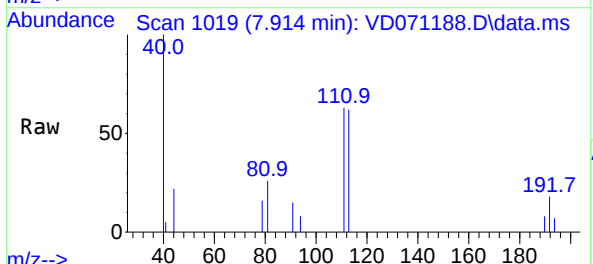
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.8
88	13.5	0.0	32.8

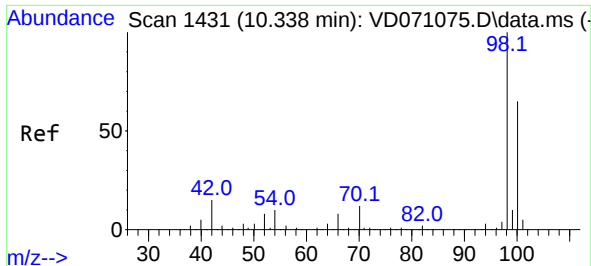


#35
Dibromofluoromethane
Concen: 45.014 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071188.D
Acq: 07 Dec 2021 17:27

Tgt Ion:113 Resp: 4985

Ion	Ratio	Lower	Upper
113	100		
111	107.5	82.0	123.0
192	19.6	15.2	22.8

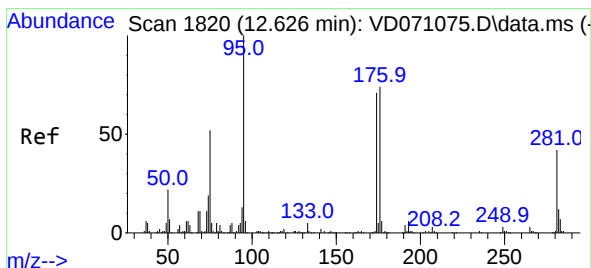
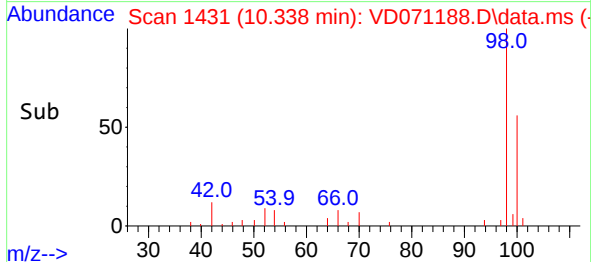
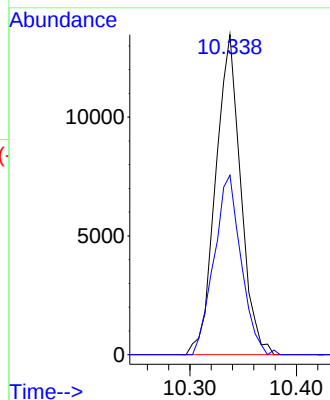
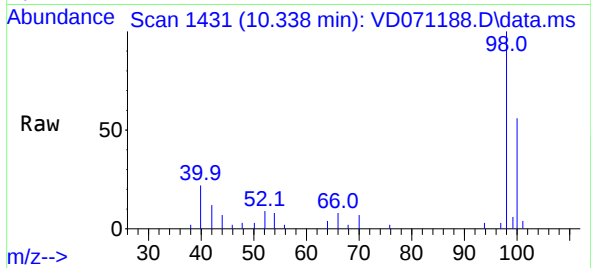




#50
Toluene-d8
Concen: 52.202 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071188.D
Acq: 07 Dec 2021 17:27

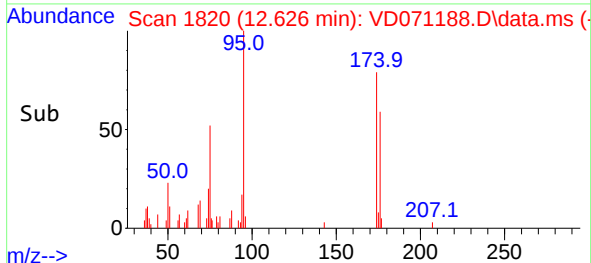
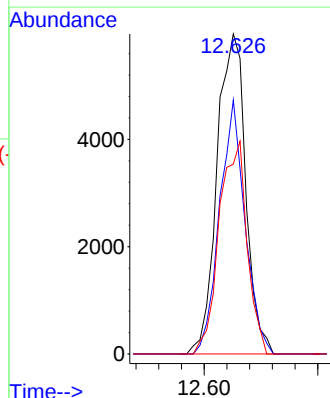
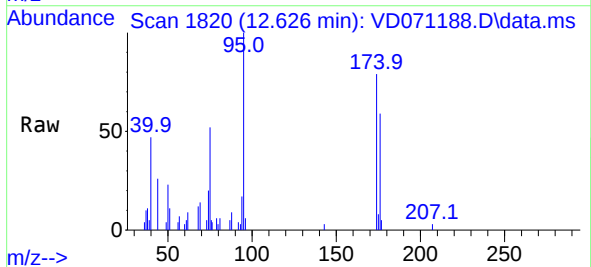
Instrument :
MSVOA_D
ClientSampleId :
TP-3D

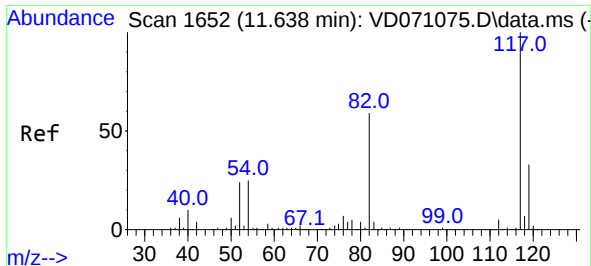
Tgt Ion: 98 Resp: 22000
Ion Ratio Lower Upper
98 100
100 60.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 71.431 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071188.D
Acq: 07 Dec 2021 17:27

Tgt Ion: 95 Resp: 10435
Ion Ratio Lower Upper
95 100
174 70.7 0.0 159.4
176 64.5 0.0 154.0

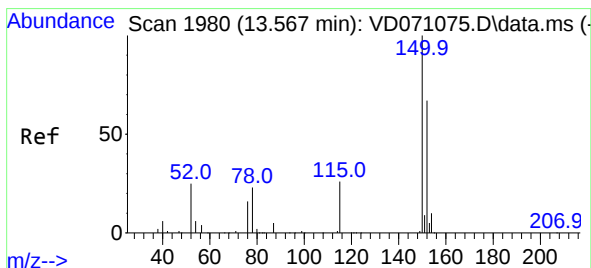
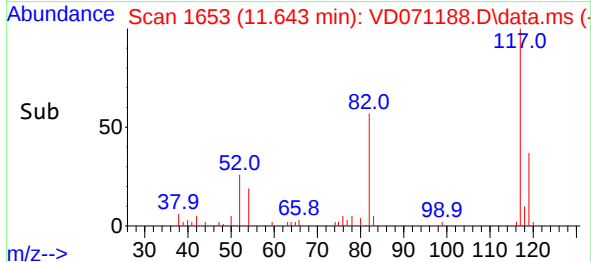
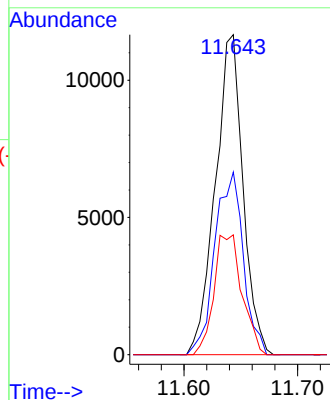
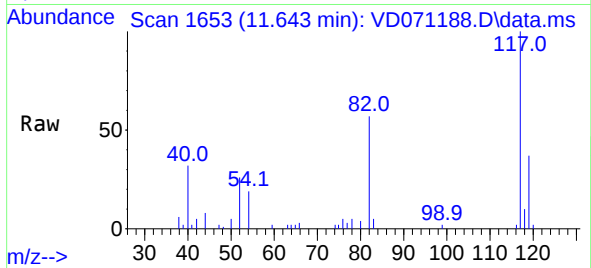




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD071188.D
Acq: 07 Dec 2021 17:27

Instrument :
MSVOA_D
ClientSampleId :
TP-3D

Tgt Ion:117 Resp: 19725
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 37.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071188.D
Acq: 07 Dec 2021 17:27

Tgt Ion:152 Resp: 10021
Ion Ratio Lower Upper
152 100
115 65.7 29.8 89.3
150 151.8 0.0 349.2

