

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071191.D
 Acq On : 07 Dec 2021 18:51
 Operator : VA/SY
 Sample : M4954-01
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(2.5-3)

Quant Time: Dec 08 02:52:40 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	271375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	488212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	472753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	178783	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	146907	46.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.280%
35) Dibromofluoromethane	7.914	113	150875	48.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.338	98	605609	51.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.626	95	217302	52.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.980%

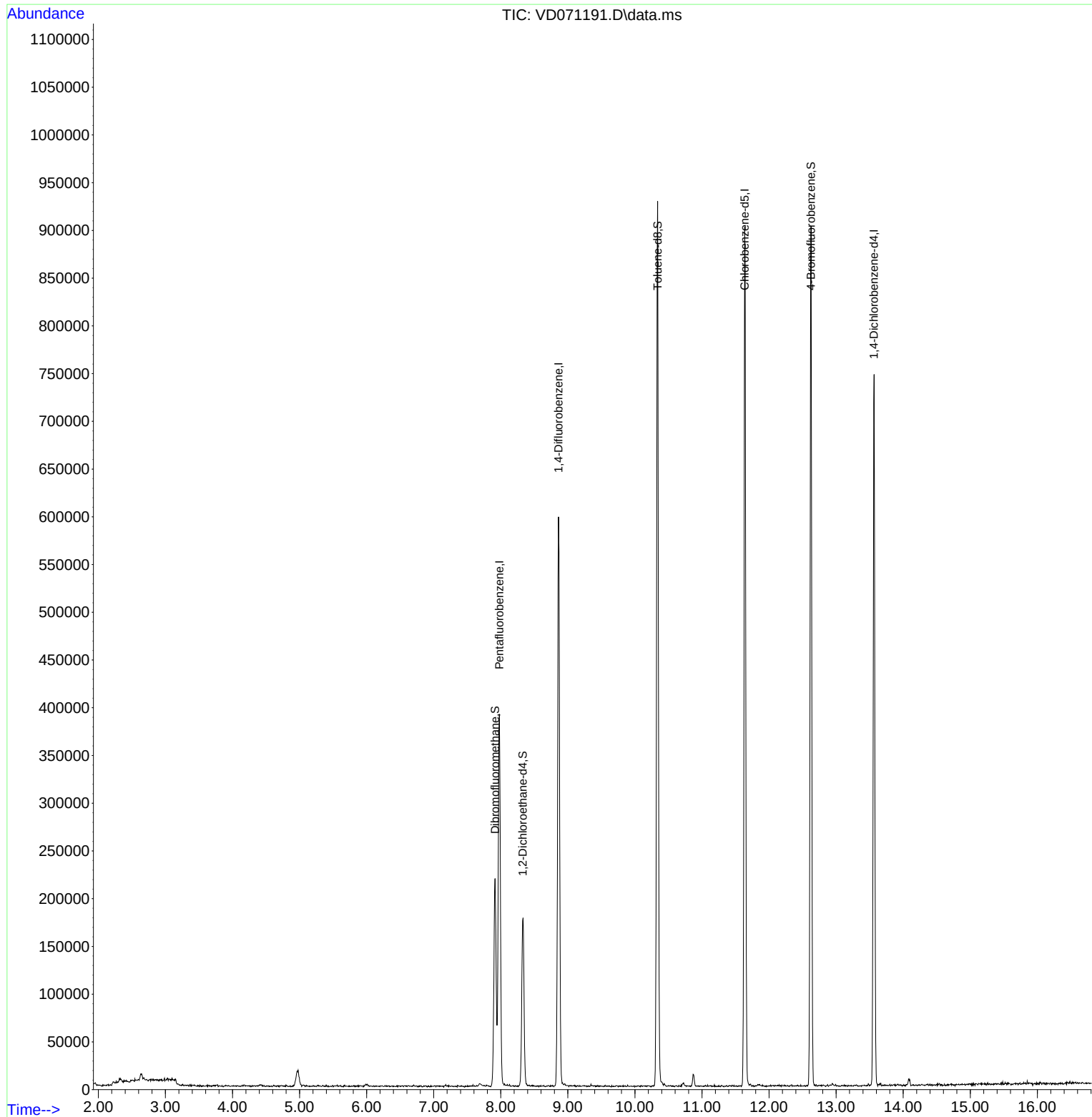
Target Compounds	Qvalue

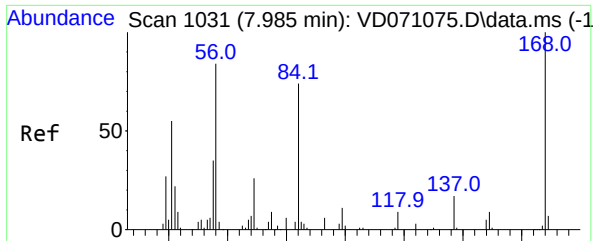
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071191.D

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MSVOA_D

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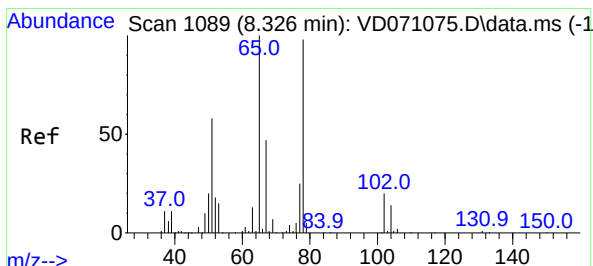
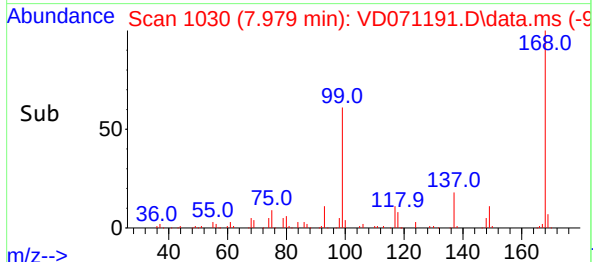
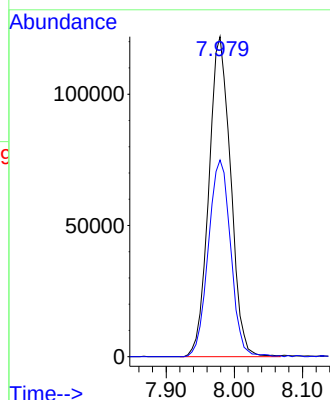
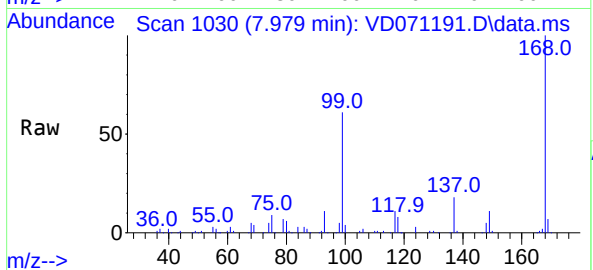
SB-1(2.5-3)

Tgt Ion:168 Resp: 271375

Ion Ratio Lower Upper

168 100

99 61.4 46.6 69.8



1,2-Dichloroethane-d4

Concen: 46.135 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071191.D

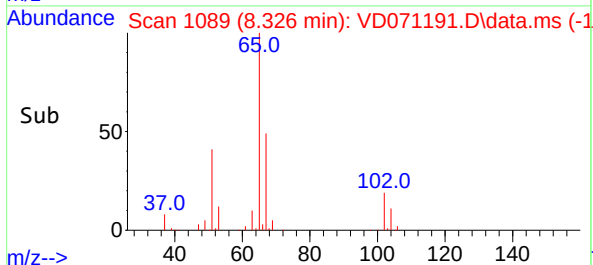
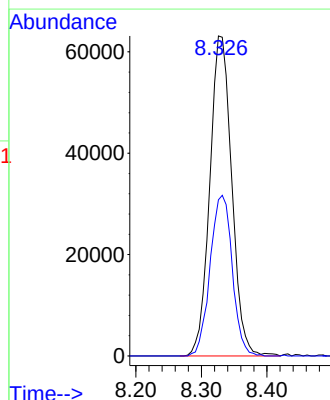
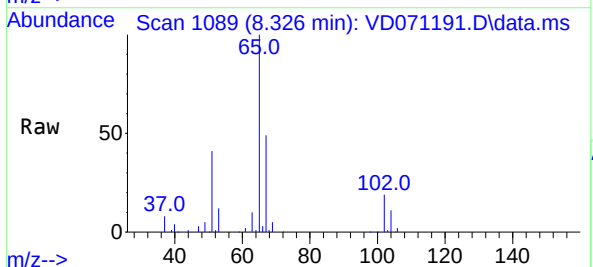
Acq: 07 Dec 2021 18:51

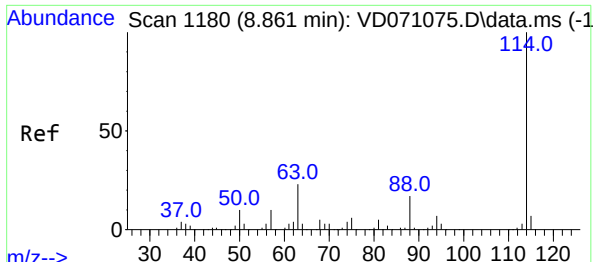
Tgt Ion: 65 Resp: 146907

Ion Ratio Lower Upper

65 100

67 50.5 0.0 112.2

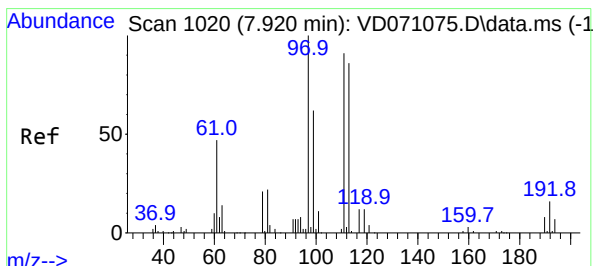
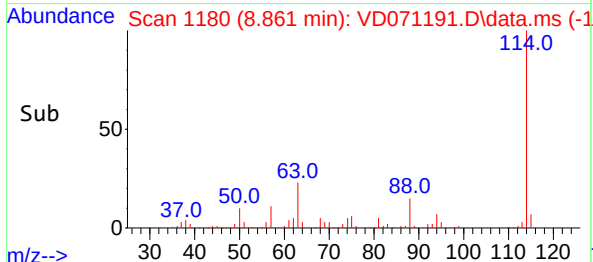
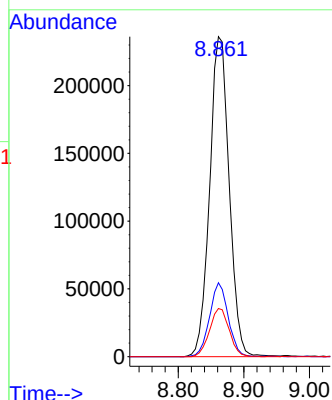
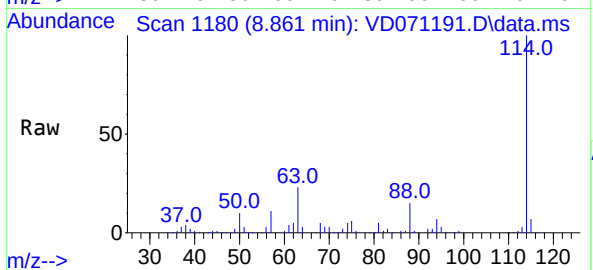




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071191.D
Acq: 07 Dec 2021 18:51

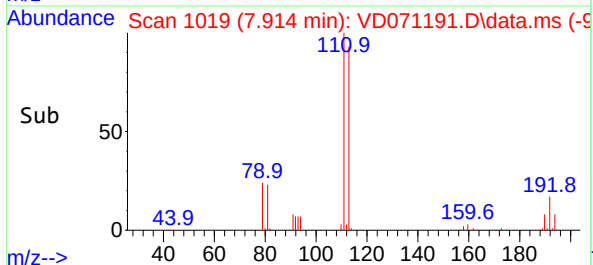
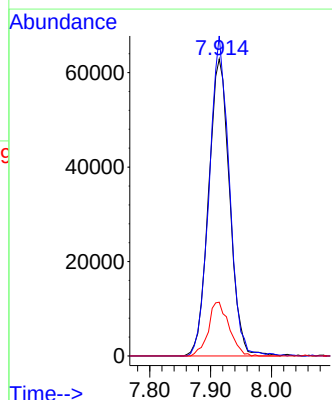
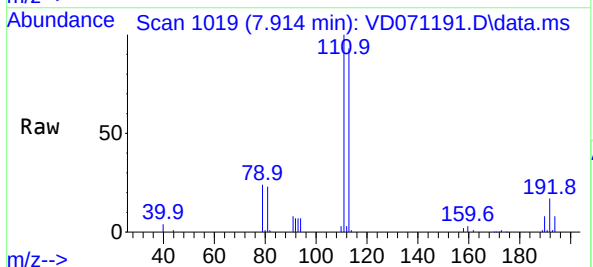
Instrument :
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SB-1(2.5-3)

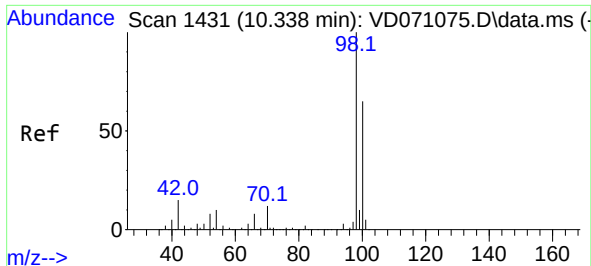
Tgt Ion:114 Resp: 488212
Ion Ratio Lower Upper
114 100
63 23.1 0.0 41.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.530 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071191.D
Acq: 07 Dec 2021 18:51

Tgt Ion:113 Resp: 150875
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 17.9 15.2 22.8

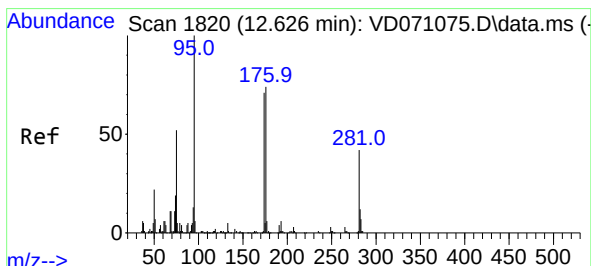
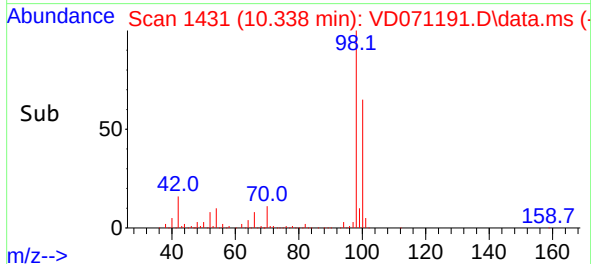
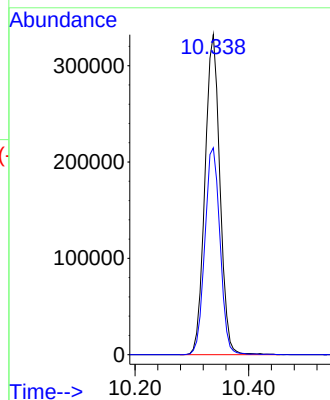
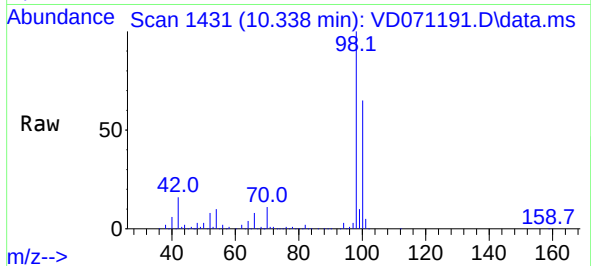




#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071191.D
Acq: 07 Dec 2021 18:51

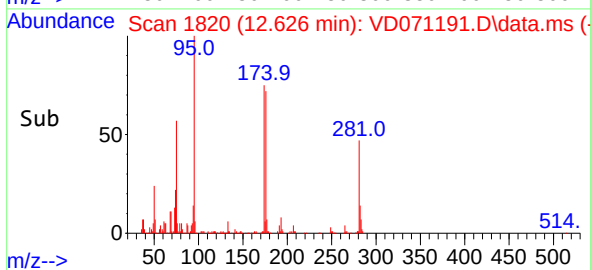
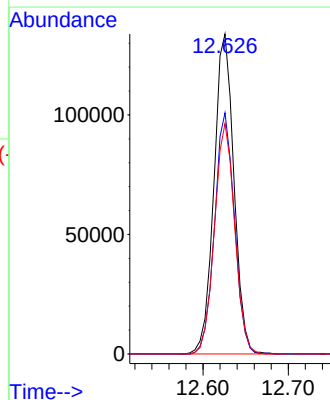
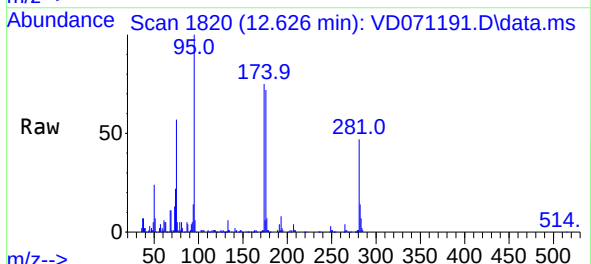
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SB-1(2.5-3)

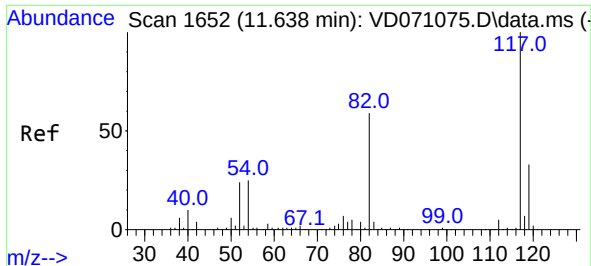
Tgt Ion: 98 Resp: 605609
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.987 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071191.D
Acq: 07 Dec 2021 18:51

Tgt Ion: 95 Resp: 217302
Ion Ratio Lower Upper
95 100
174 75.2 0.0 159.4
176 72.9 0.0 154.0

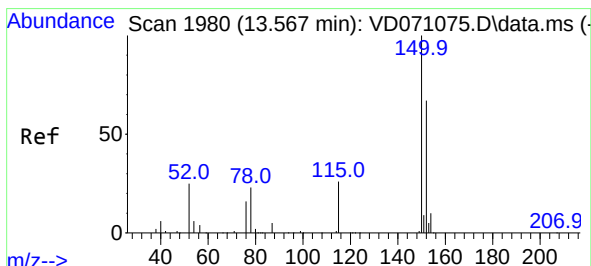
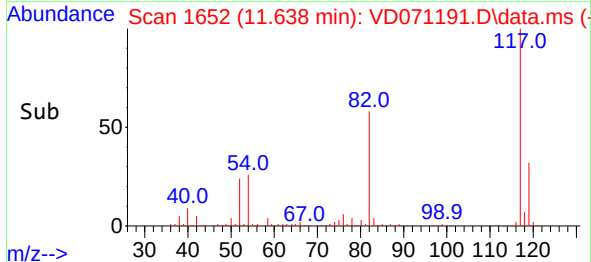
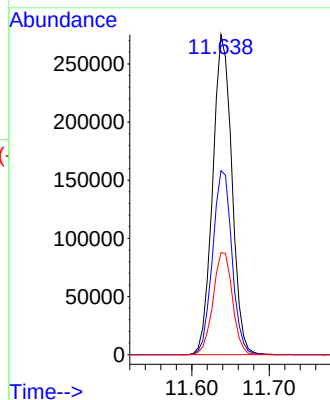
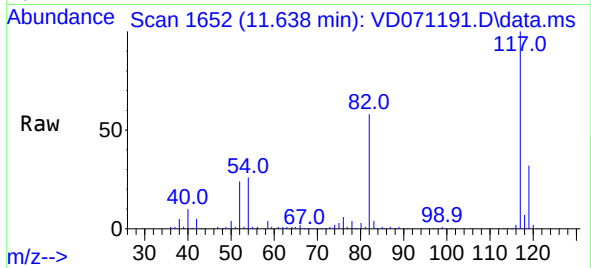




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071191.D
Acq: 07 Dec 2021 18:51

Instrument :
MSVOA_D
ClientSampleId :
SB-1(2.5-3)

Tgt Ion:117 Resp: 472753
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.9 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: VD071191.D
Acq: 07 Dec 2021 18:51

Tgt Ion:152 Resp: 178783
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 160.2 0.0 349.2

