

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071091.D
 Acq On : 30 Nov 2021 19:00
 Operator : VA/SY
 Sample : M4867-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW9-DUP-20211124

Quant Time: Dec 01 03:34:57 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)

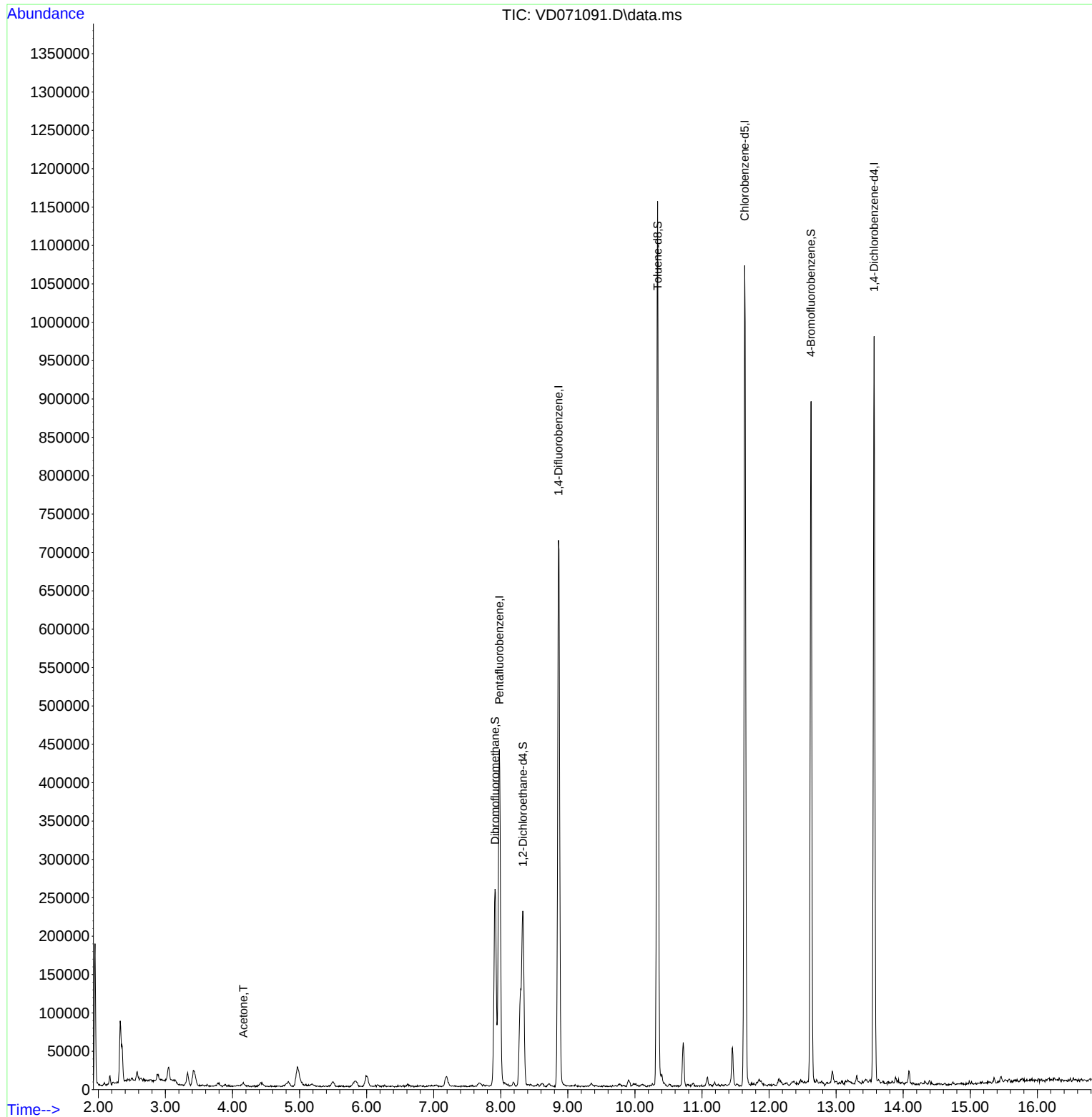
Internal Standards						
1) Pentafluorobenzene	7.979	168	316980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	596353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	570290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	234966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	176202	47.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.740%
35) Dibromofluoromethane	7.914	113	181036	47.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.338	98	751268	51.986	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.626	95	259970	51.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.800%
Target Compounds					Qvalue	
16) Acetone	4.162	43	7563	37.511	ug/l #	82

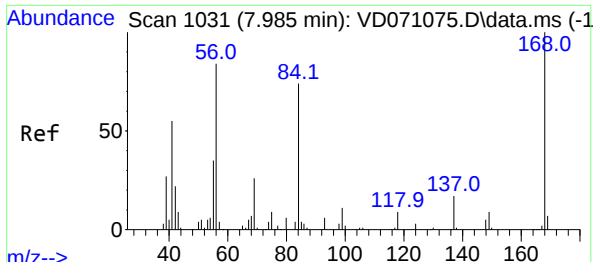
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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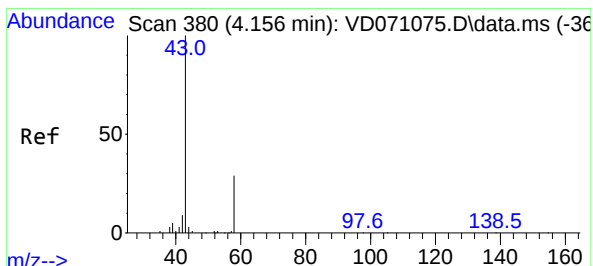
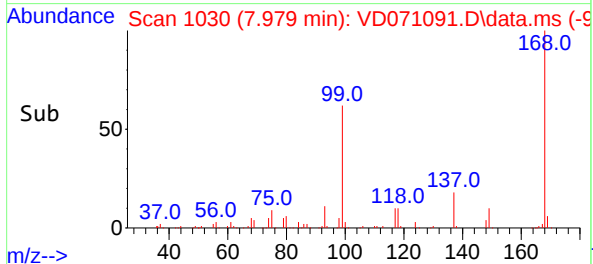
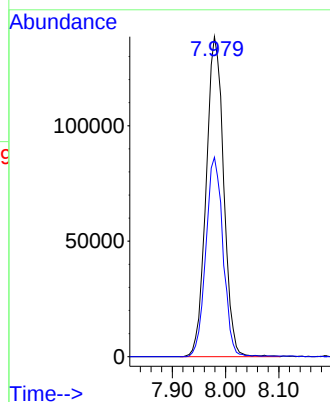
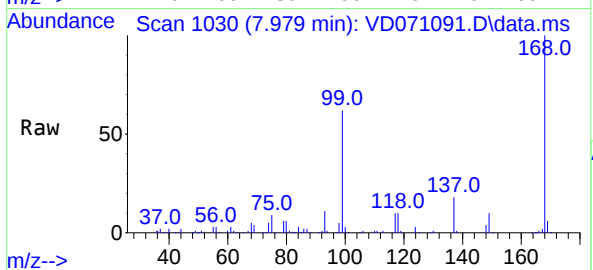




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071091.D
Acq: 30 Nov 2021 19:00

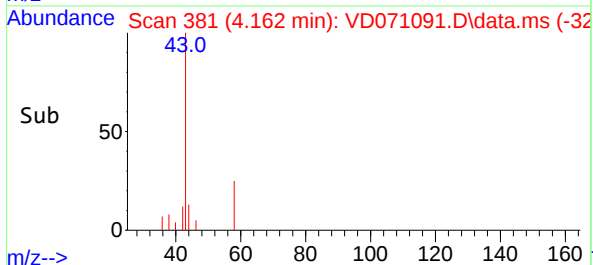
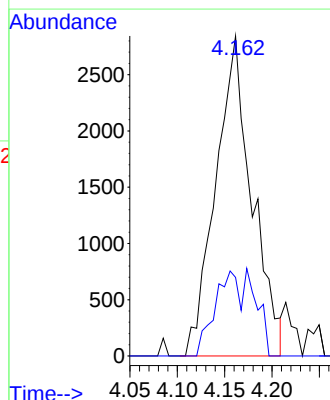
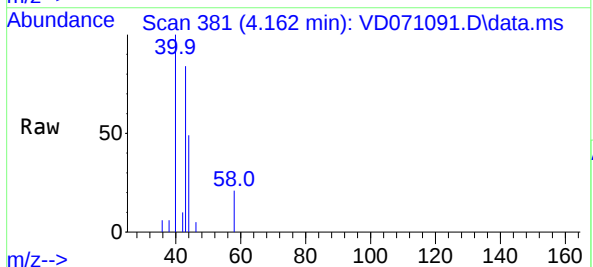
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-DUP-20211124

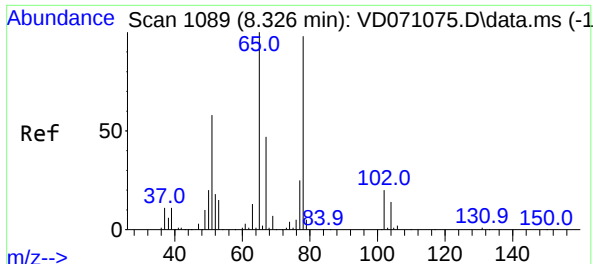
Tgt Ion:168 Resp: 316980
Ion Ratio Lower Upper
168 100
99 62.3 46.6 69.8



#16
Acetone
Concen: 37.511 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071091.D
Acq: 30 Nov 2021 19:00

Tgt Ion: 43 Resp: 7563
Ion Ratio Lower Upper
43 100
58 24.6 27.8 41.8#

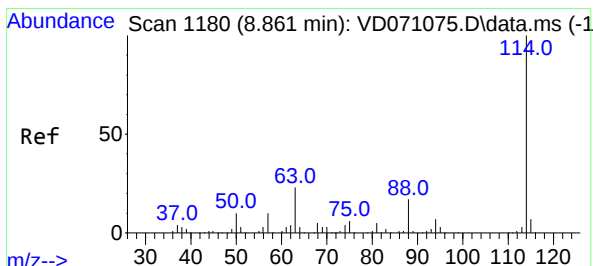
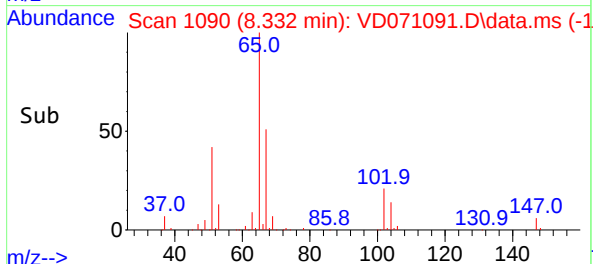
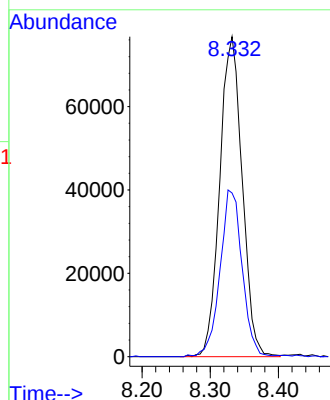
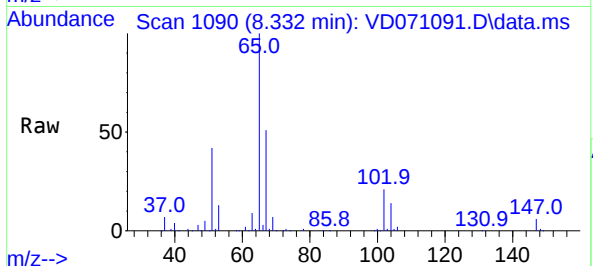




#33
1,2-Dichloroethane-d4
Concen: 47.374 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071091.D
Acq: 30 Nov 2021 19:00

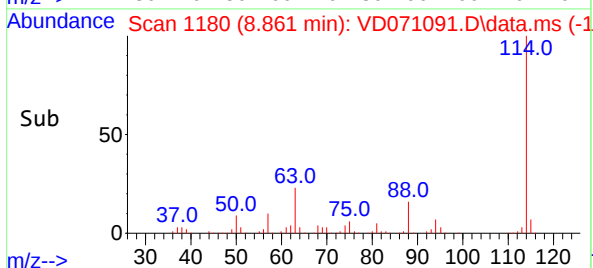
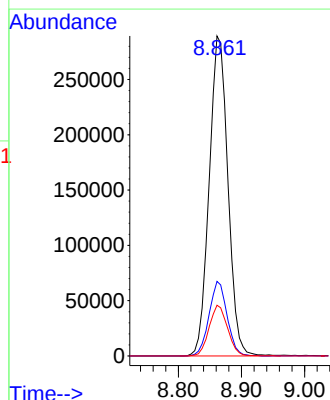
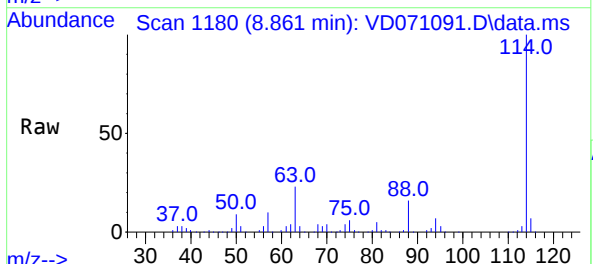
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW9-DUP-20211124

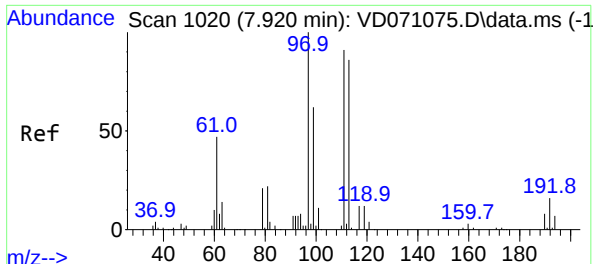
Tgt Ion: 65 Resp: 176202
Ion Ratio Lower Upper
65 100
67 51.2 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071091.D
Acq: 30 Nov 2021 19:00

Tgt Ion: 114 Resp: 596353
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.8
88 15.9 0.0 32.8

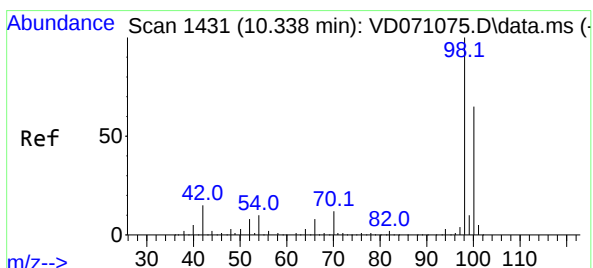
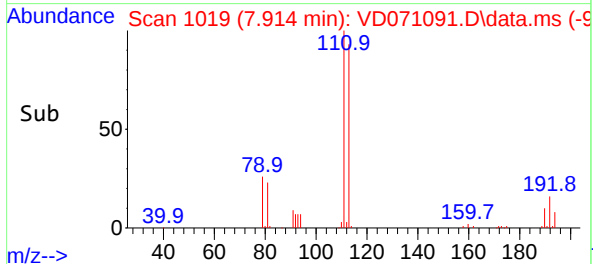
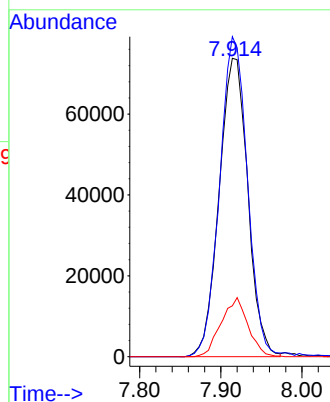
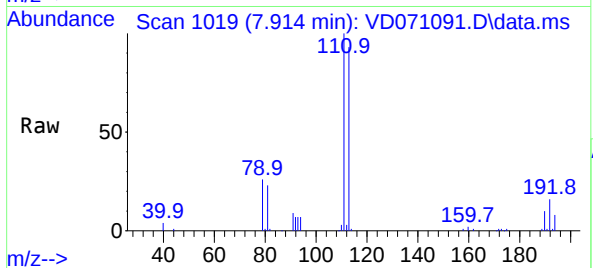




#35
Dibromofluoromethane
Concen: 47.672 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071091.D
Acq: 30 Nov 2021 19:00

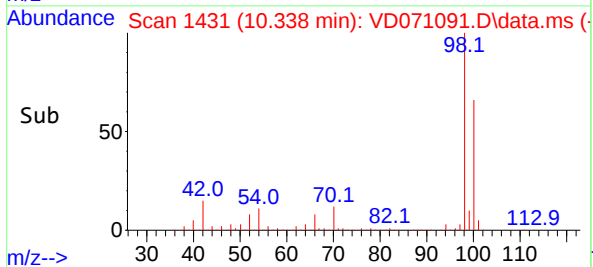
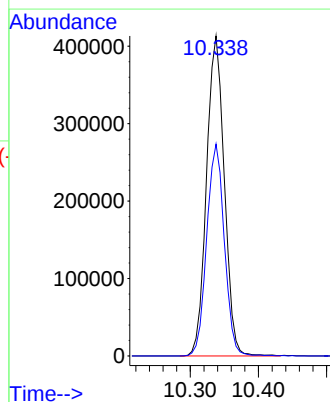
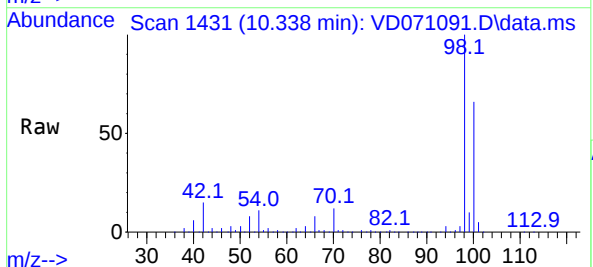
Instrument :
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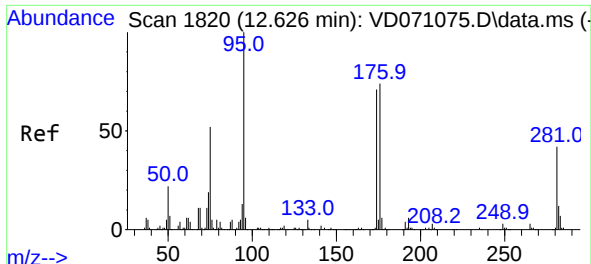
Tgt Ion:113 Resp: 181036
Ion Ratio Lower Upper
113 100
111 104.3 82.0 123.0
192 18.6 15.2 22.8



#50
Toluene-d8
Concen: 51.986 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071091.D
Acq: 30 Nov 2021 19:00

Tgt Ion: 98 Resp: 751268
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

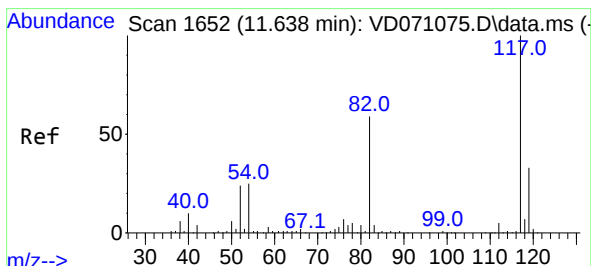
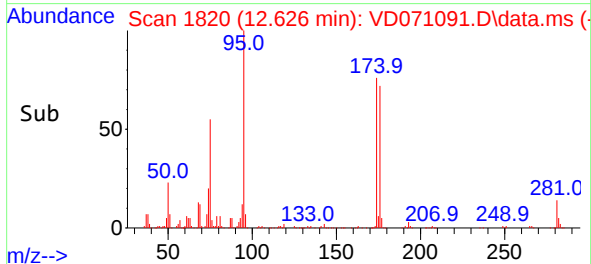
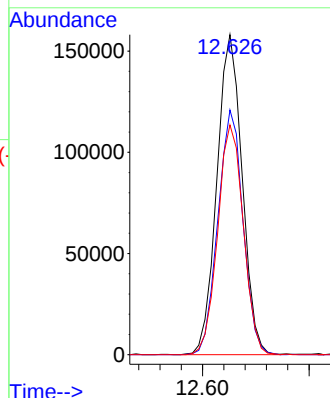
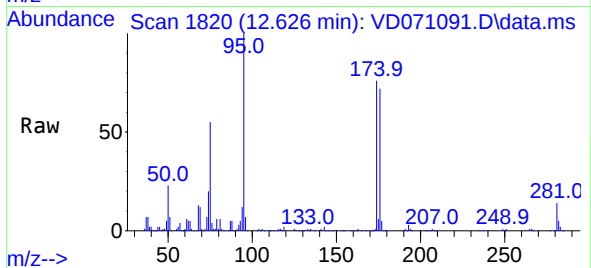




#62
4-Bromofluorobenzene
Concen: 51.896 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071091.D
Acq: 30 Nov 2021 19:00

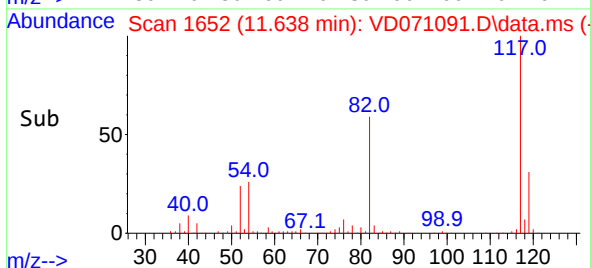
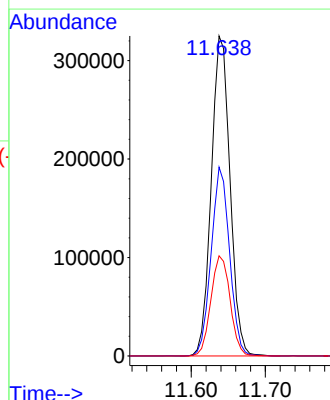
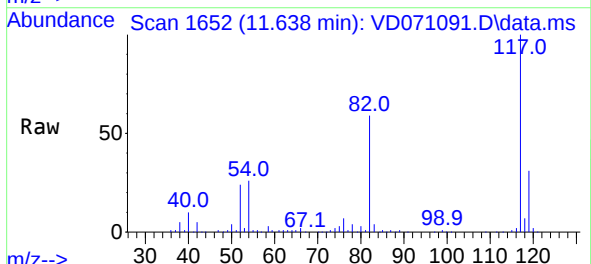
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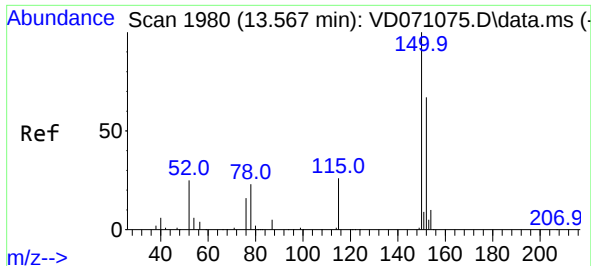
Tgt Ion: 95 Resp: 259970
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 72.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071091.D
Acq: 30 Nov 2021 19:00

Tgt Ion: 117 Resp: 570290
Ion Ratio Lower Upper
117 100
82 59.0 44.7 67.1
119 31.3 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: VD071091.D

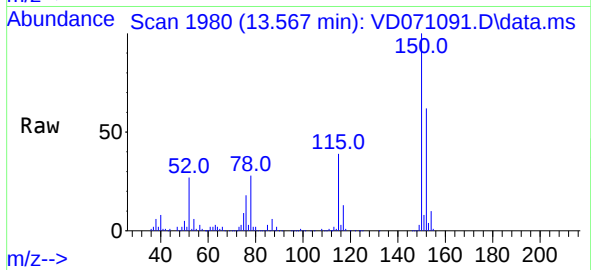
Acq: 30 Nov 2021 19:00

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:152 Resp: 234966

Ion Ratio Lower Upper

152 100

115 60.5 29.8 89.3

150 160.1 0.0 349.2

