

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071088.D
 Acq On : 30 Nov 2021 17:37
 Operator : VA/SY
 Sample : M4867-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW9-GW-918-920

Quant Time: Dec 01 03:34:01 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)

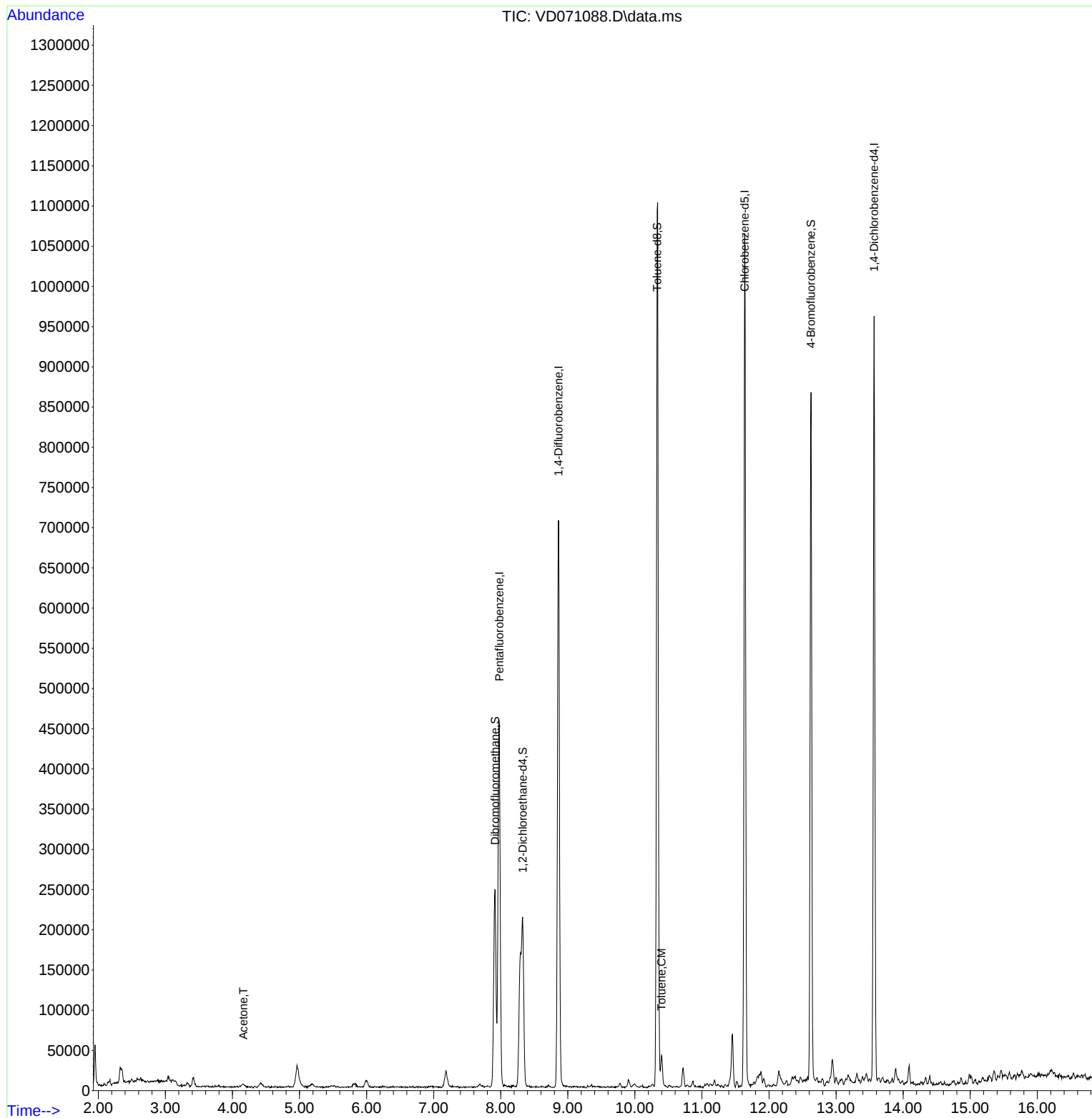
Internal Standards						
1) Pentafluorobenzene	7.979	168	325383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	582153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	547061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	234699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152099	39.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.680%
35) Dibromofluoromethane	7.914	113	173669	46.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.700%
50) Toluene-d8	10.332	98	728852	51.665	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.626	95	253151	51.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.540%
Target Compounds						
16) Acetone	4.162	43	7564	37.338	ug/l #	81
52) Toluene	10.397	92	14095	1.503	ug/l	89

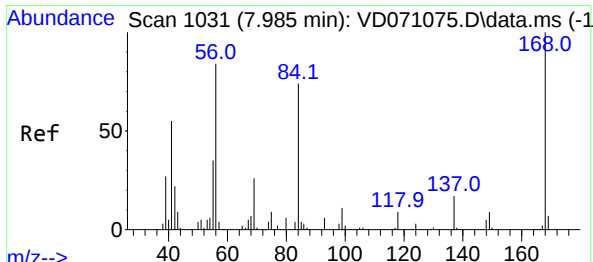
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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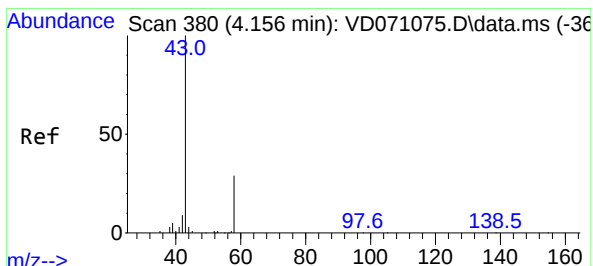
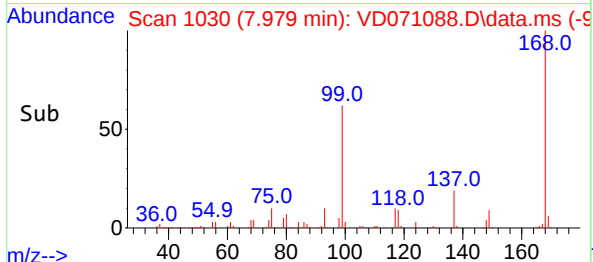
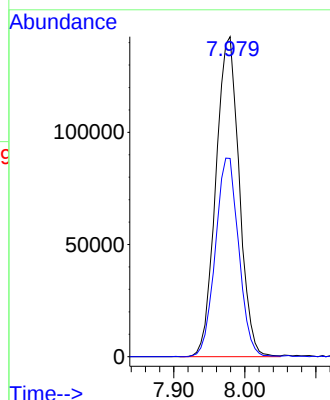
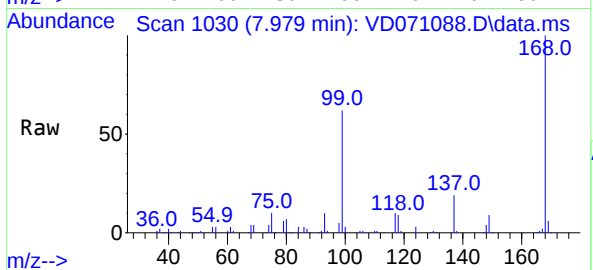




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071088.D
Acq: 30 Nov 2021 17:37

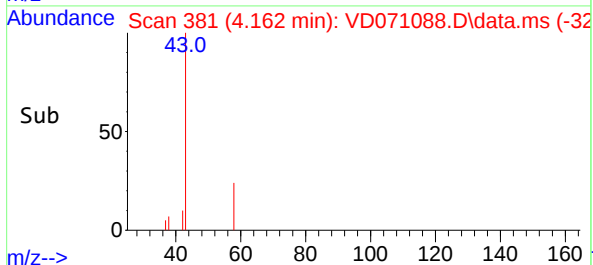
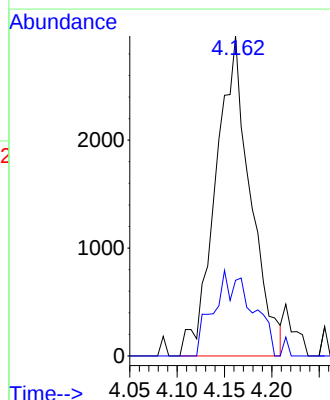
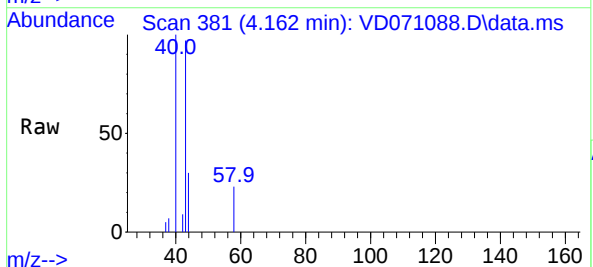
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-GW-918-920

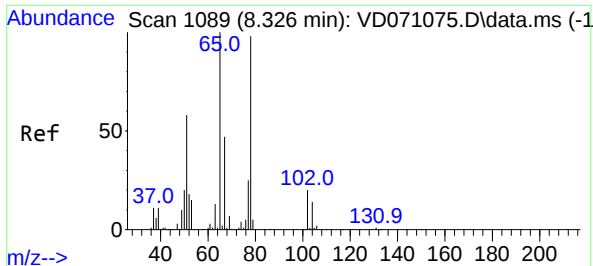
Tgt Ion:168 Resp: 325383
Ion Ratio Lower Upper
168 100
99 62.0 46.6 69.8



#16
Acetone
Concen: 37.338 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071088.D
Acq: 30 Nov 2021 17:37

Tgt Ion: 43 Resp: 7564
Ion Ratio Lower Upper
43 100
58 23.6 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 39.837 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071088.D

Acq: 30 Nov 2021 17:37

Instrument :

MSVOA_D

ClientSampleId :

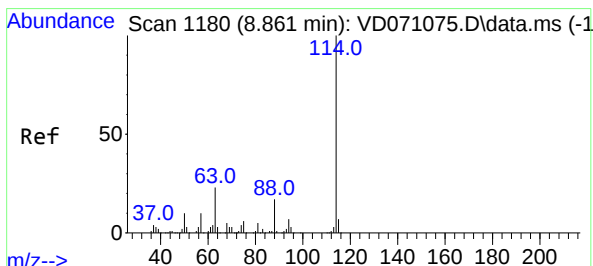
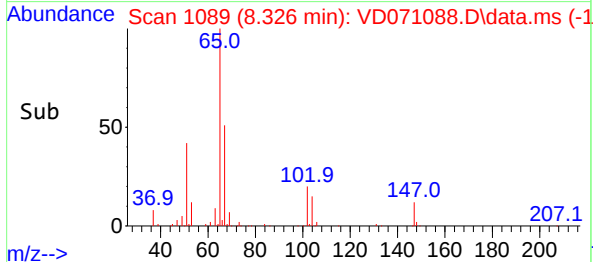
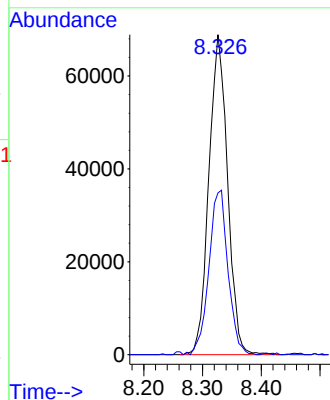
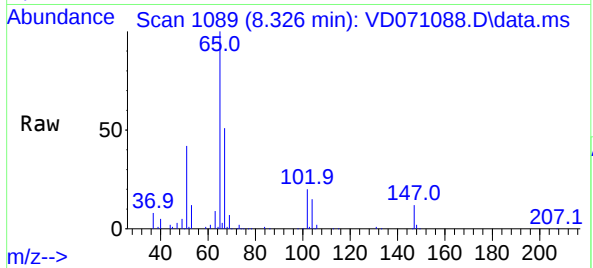
BP-VPB-RW9-GW-918-920

Tgt Ion: 65 Resp: 152099

Ion Ratio Lower Upper

65 100

67 52.6 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: VD071088.D

Acq: 30 Nov 2021 17:37

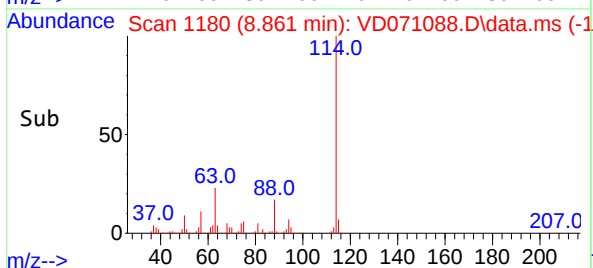
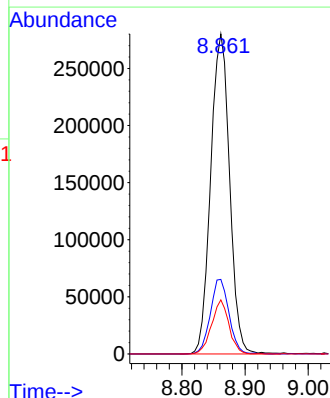
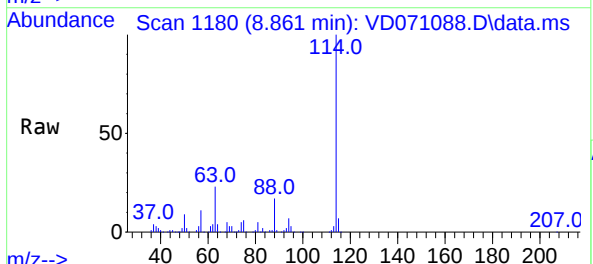
Tgt Ion:114 Resp: 582153

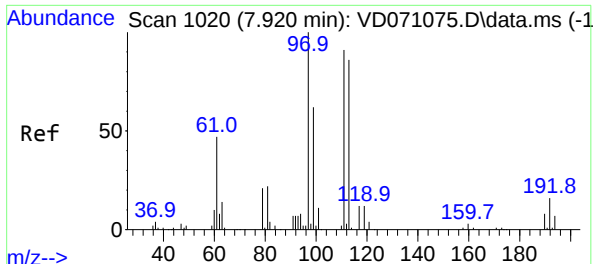
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 16.9 0.0 32.8

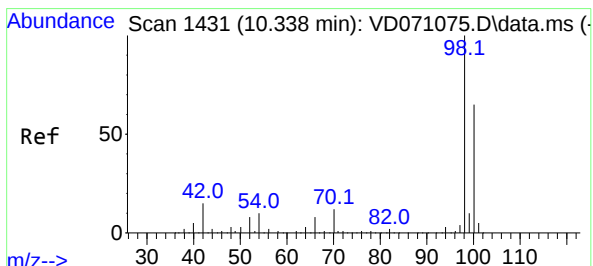
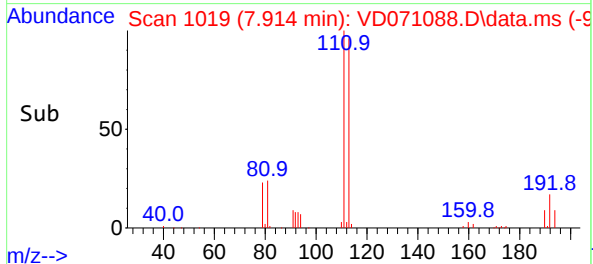
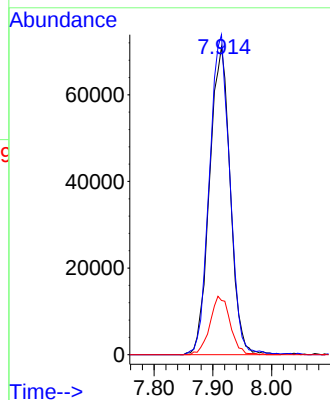
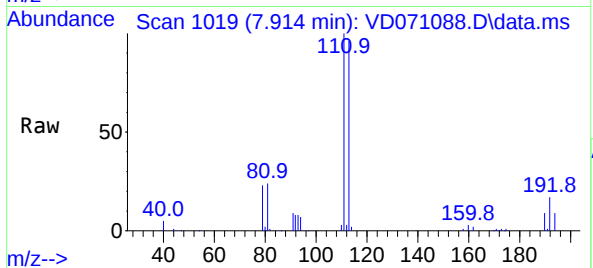




#35
Dibromofluoromethane
Concen: 46.848 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071088.D
Acq: 30 Nov 2021 17:37

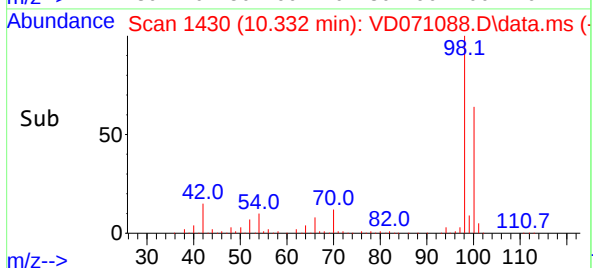
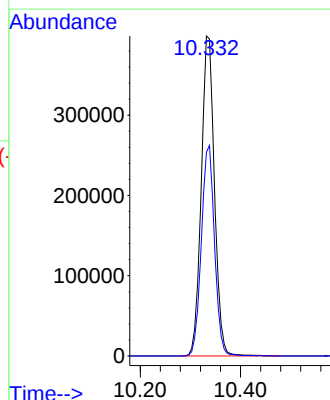
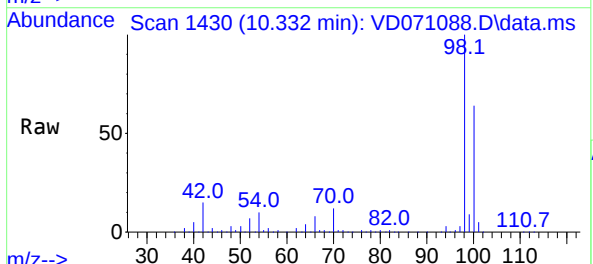
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-GW-918-920

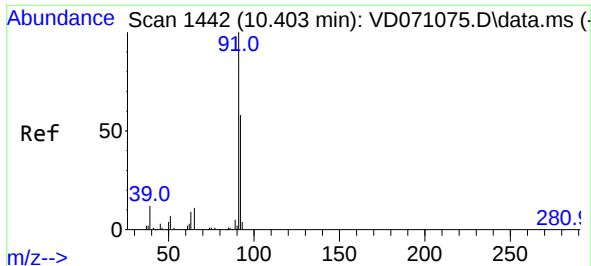
Tgt Ion:113 Resp: 173669
Ion Ratio Lower Upper
113 100
111 102.7 82.0 123.0
192 18.5 15.2 22.8



#50
Toluene-d8
Concen: 51.665 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071088.D
Acq: 30 Nov 2021 17:37

Tgt Ion: 98 Resp: 728852
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

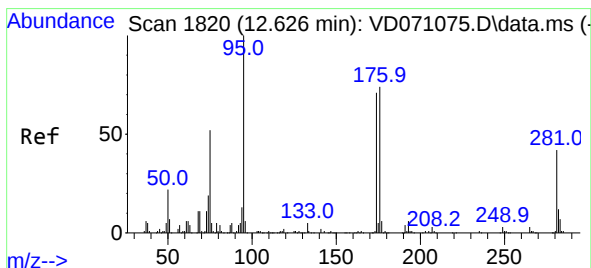
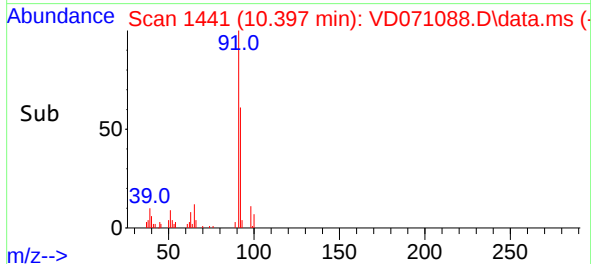
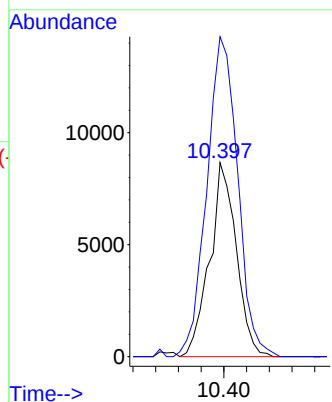
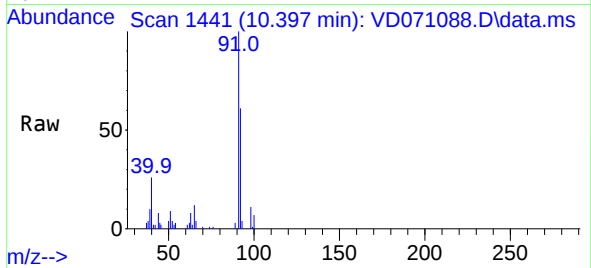




#52
Toluene
Concen: 1.503 ug/l
RT: 10.397 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD071088.D
Acq: 30 Nov 2021 17:37

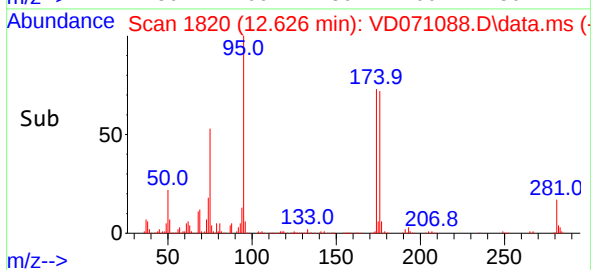
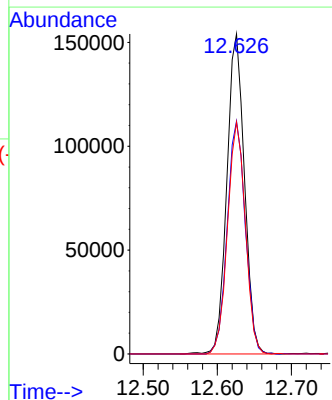
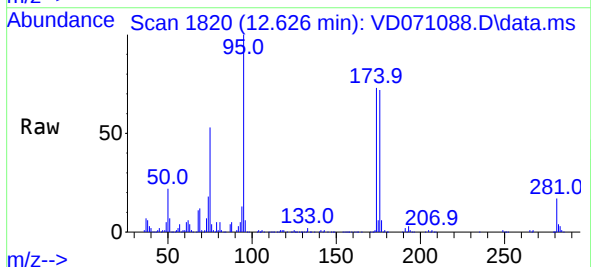
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-GW-918-920

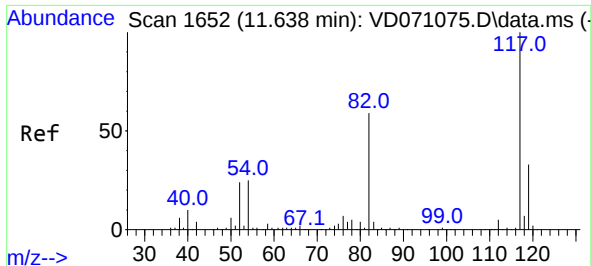
Tgt Ion: 92 Resp: 14095
Ion Ratio Lower Upper
92 100
91 191.3 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 51.768 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071088.D
Acq: 30 Nov 2021 17:37

Tgt Ion: 95 Resp: 253151
Ion Ratio Lower Upper
95 100
174 75.0 0.0 159.4
176 73.3 0.0 154.0

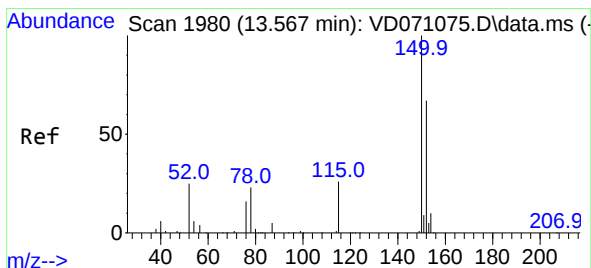
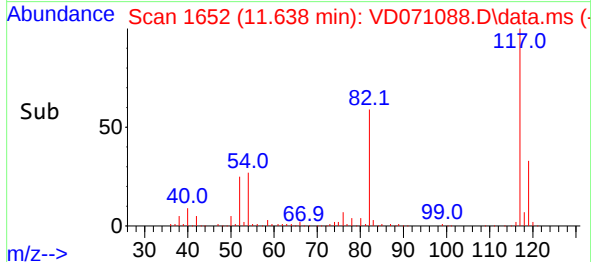
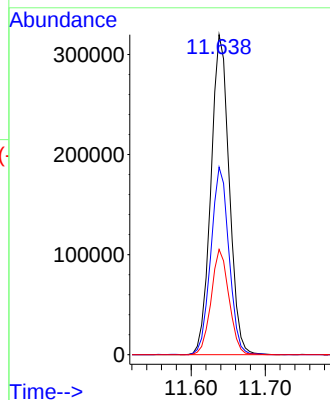
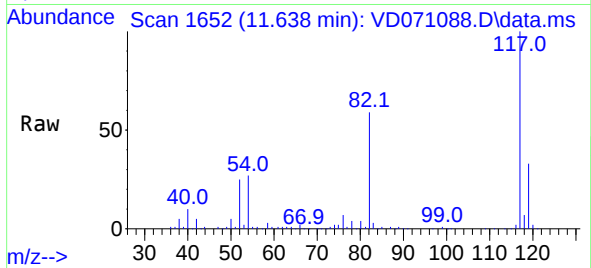




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071088.D
Acq: 30 Nov 2021 17:37

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW9-GW-918-920

Tgt Ion:	117	Resp:	547061
Ion	Ratio	Lower	Upper
117	100		
82	58.6	44.7	67.1
119	32.9	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: VD071088.D
Acq: 30 Nov 2021 17:37

Tgt Ion:	152	Resp:	234699
Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.8	89.3
150	156.1	0.0	349.2

