

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071226.D
 Acq On : 09 Dec 2021 14:16
 Operator : VA/SY
 Sample : M4965-16
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BLUE-CONCRETE-VOC

Quant Time: Dec 10 06:44:27 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)

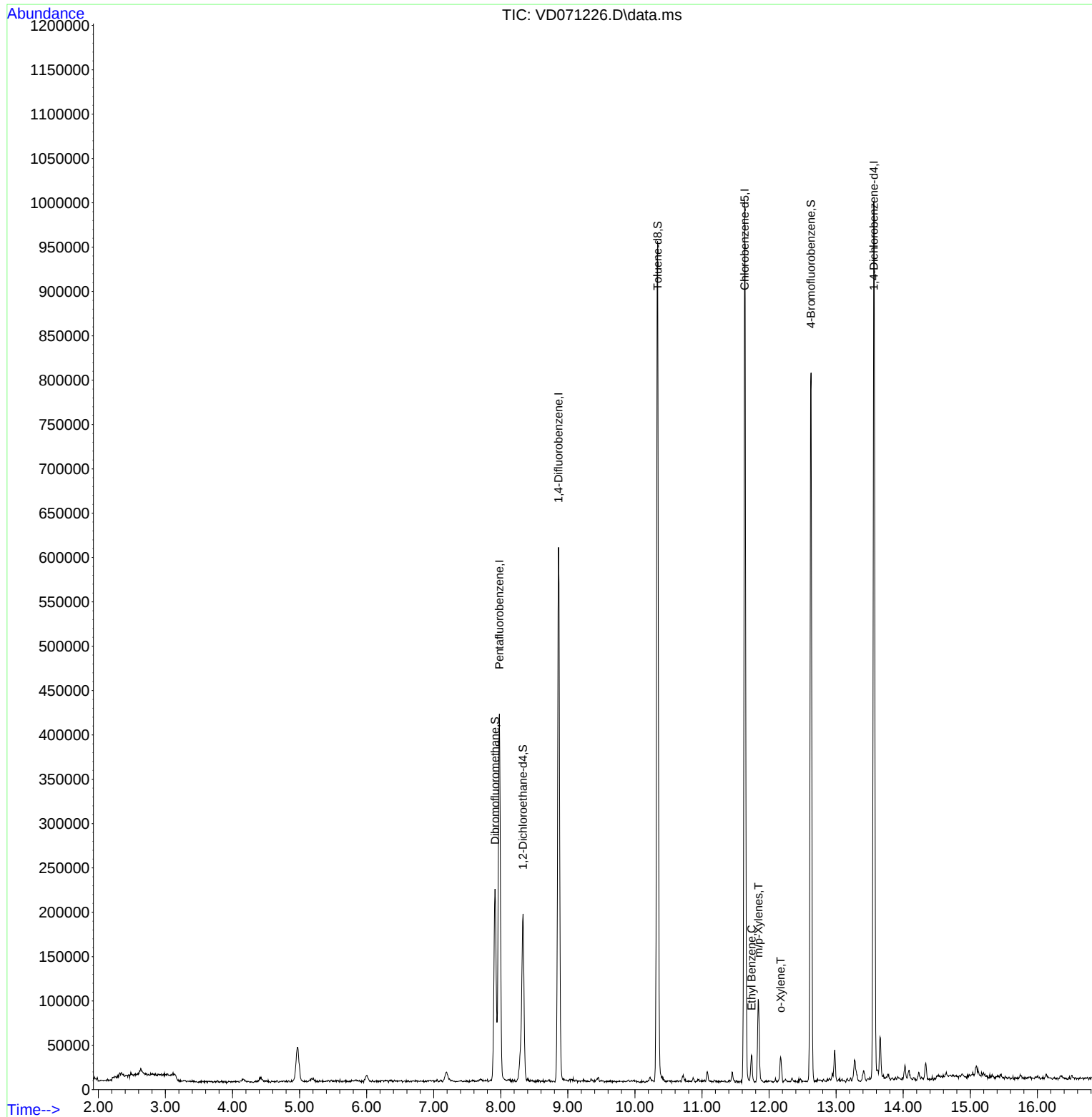
Internal Standards						
1) Pentafluorobenzene	7.979	168	286193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	479878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	513024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	249041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	143713	42.80	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.60%		
35) Dibromofluoromethane	7.914	113	150563	49.27	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.54%		
50) Toluene-d8	10.338	98	621472	53.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.88%		
62) 4-Bromofluorobenzene	12.626	95	249957	62.01	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	124.02%		
Target Compounds						Qvalue
67) Ethyl Benzene	11.738	91	19542	1.09	ug/l	92
68) m/p-Xylenes	11.843	106	25448	3.76	ug/l	96
69) o-Xylene	12.173	106	7010	1.10	ug/l	97

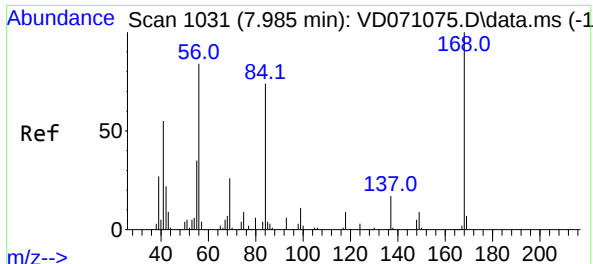
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
Data File : VD071226.D
Acq On : 09 Dec 2021 14:16
Operator : VA/SY
Sample : M4965-16
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BLUE-CONCRETE-VOC

Quant Time: Dec 10 06:44:27 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





Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071226.D

Acq: 09 Dec 2021 14:16

Instrument :

MSVOA_D

ClientSampleId :

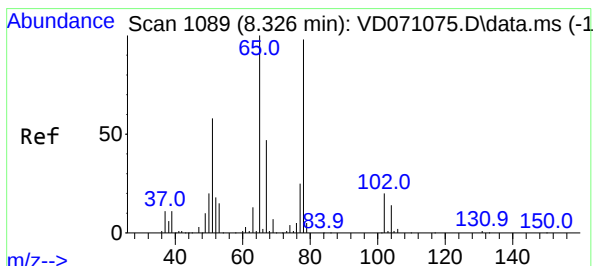
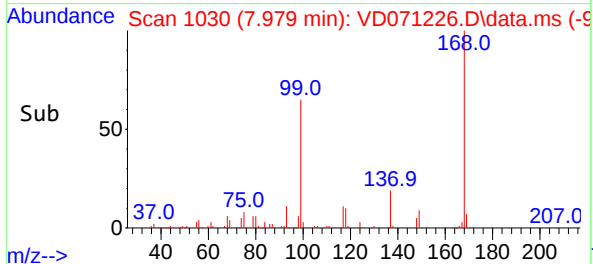
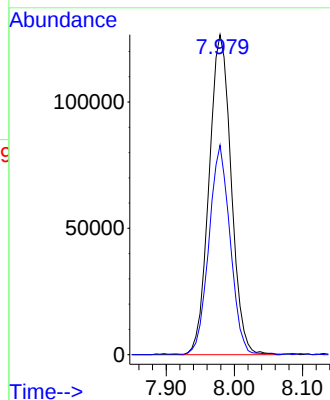
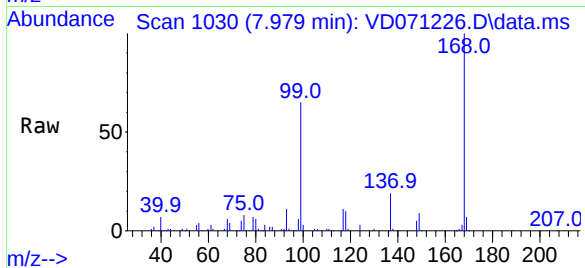
BLUE-CONCRETE-VOC

Tgt Ion:168 Resp: 286193

Ion Ratio Lower Upper

168 100

99 65.5 46.6 69.8



1,2-Dichloroethane-d4

Concen: 42.80 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071226.D

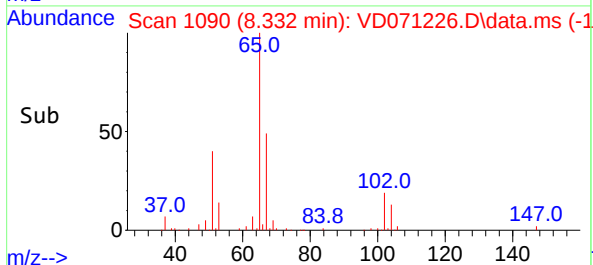
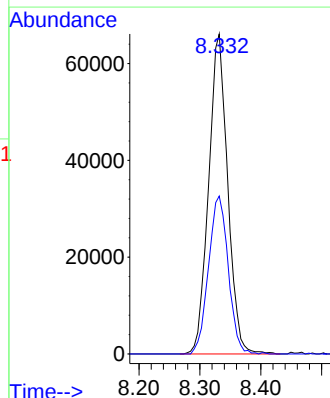
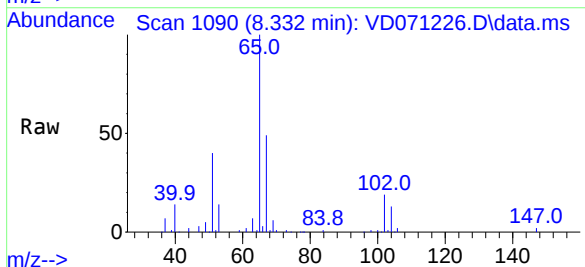
Acq: 09 Dec 2021 14:16

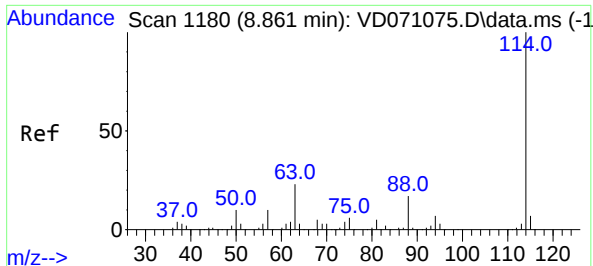
Tgt Ion: 65 Resp: 143713

Ion Ratio Lower Upper

65 100

67 51.0 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071226.D

Acq: 09 Dec 2021 14:16

Instrument :

MSVOA_D

ClientSampleId :

BLUE-CONCRETE-VOC

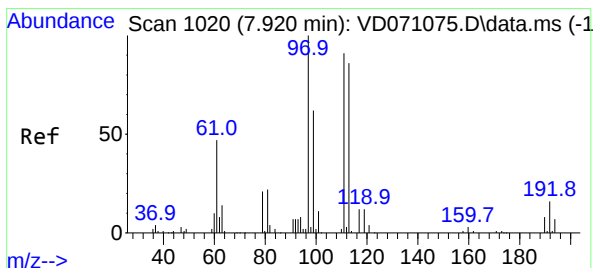
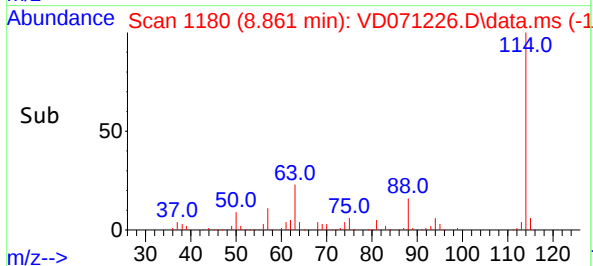
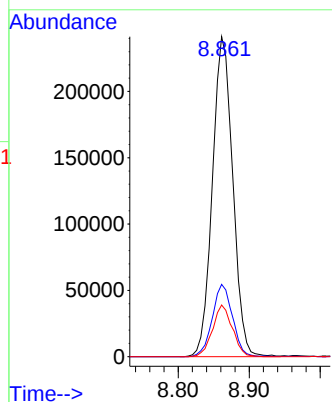
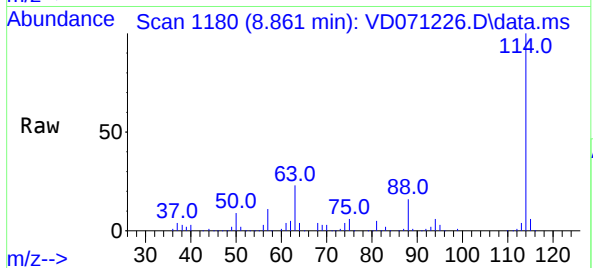
Tgt Ion:114 Resp: 479878

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 16.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.27 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071226.D

Acq: 09 Dec 2021 14:16

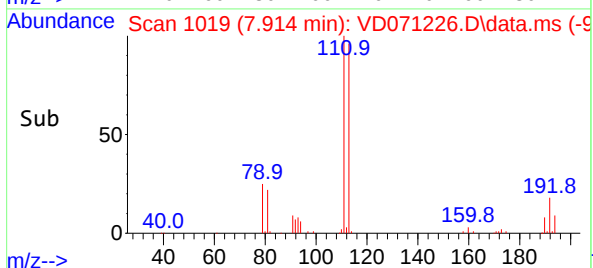
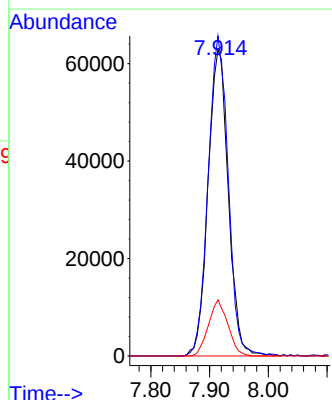
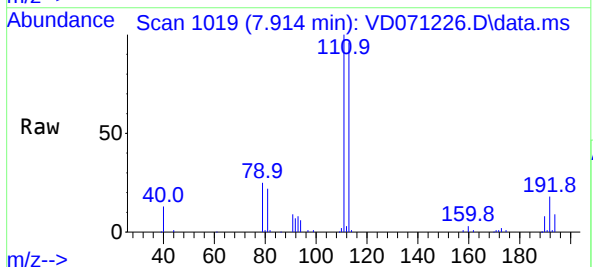
Tgt Ion:113 Resp: 150563

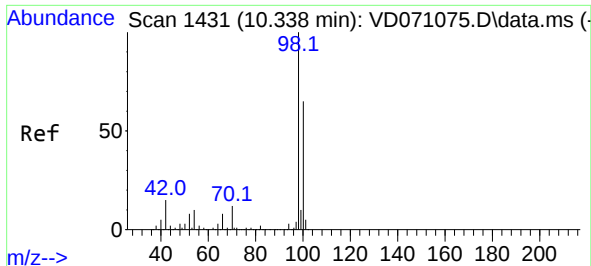
Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 17.5 15.2 22.8

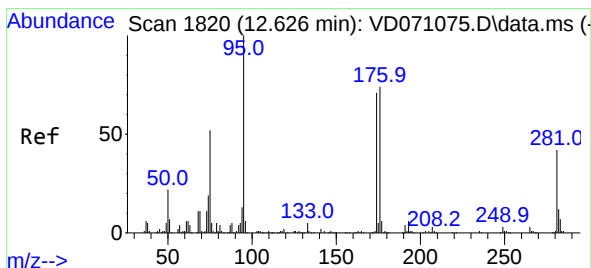
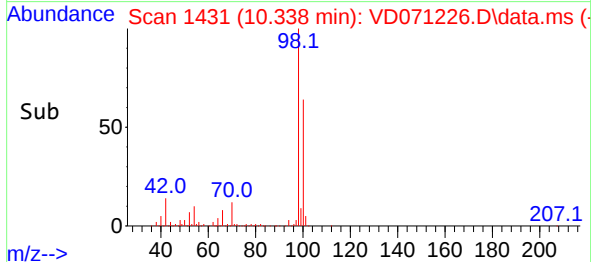
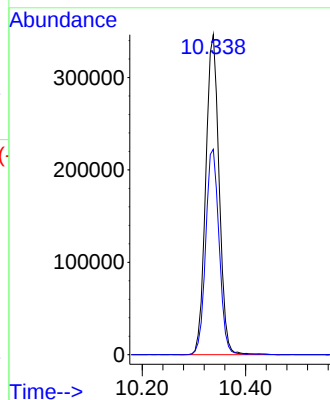
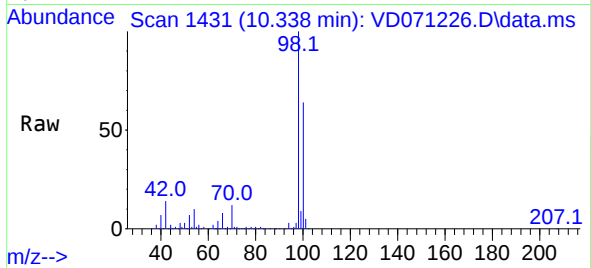




#50
Toluene-d8
Concen: 53.44 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071226.D
Acq: 09 Dec 2021 14:16

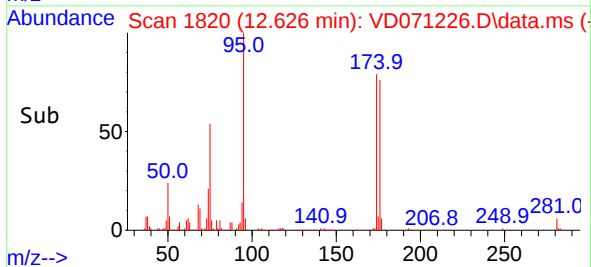
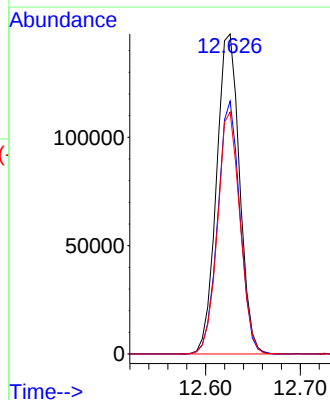
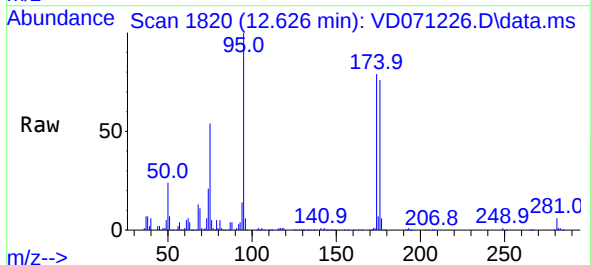
Instrument :
MSVOA_D
ClientSampleId :
BLUE-CONCRETE-VOC

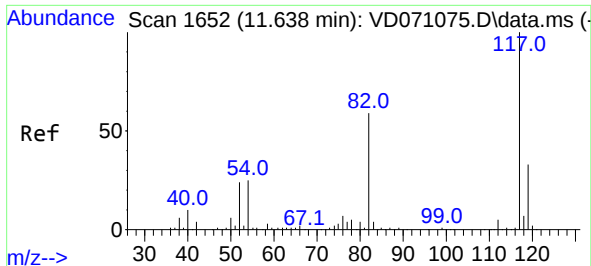
Tgt Ion: 98 Resp: 621472
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.01 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071226.D
Acq: 09 Dec 2021 14:16

Tgt Ion: 95 Resp: 249957
Ion Ratio Lower Upper
95 100
174 76.1 0.0 159.4
176 73.6 0.0 154.0

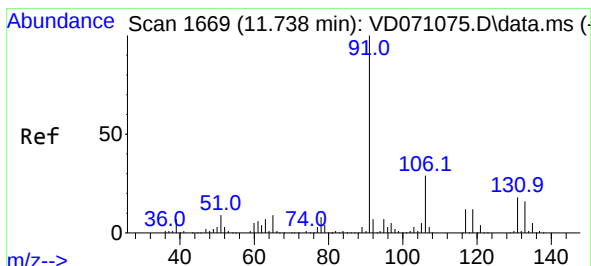
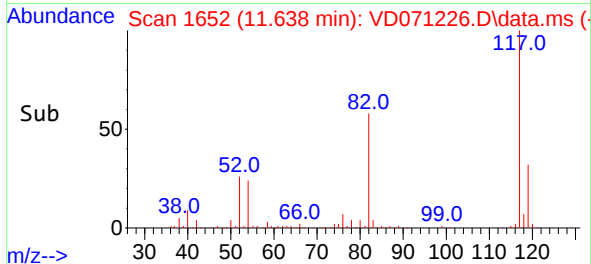
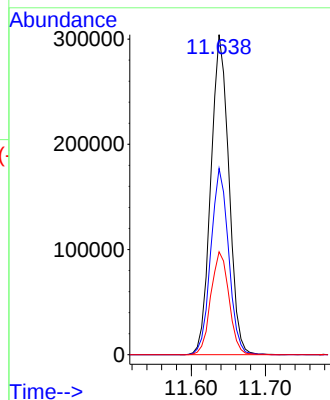
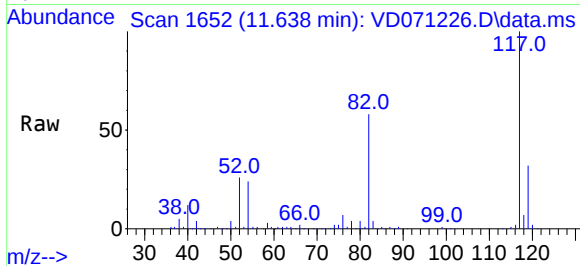




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071226.D
Acq: 09 Dec 2021 14:16

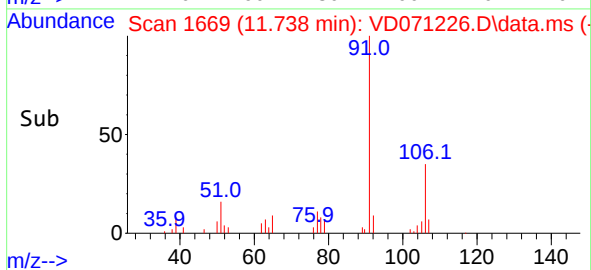
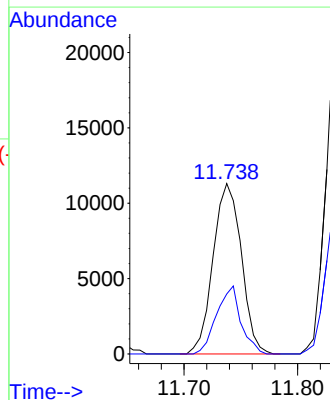
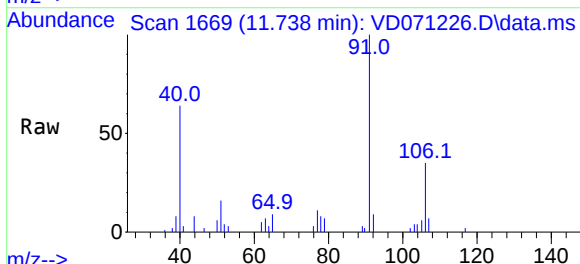
Instrument :
MSVOA_D
ClientSampleId :
BLUE-CONCRETE-VOC

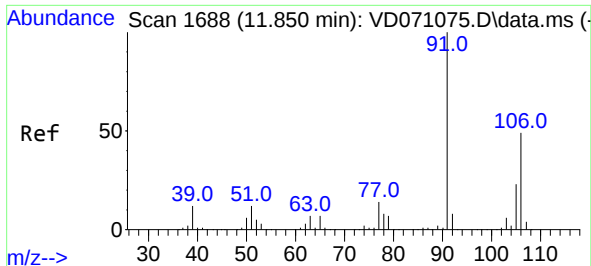
Tgt Ion:117 Resp: 513024
Ion Ratio Lower Upper
117 100
82 58.2 44.7 67.1
119 32.2 26.2 39.4



#67
Ethyl Benzene
Concen: 1.09 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071226.D
Acq: 09 Dec 2021 14:16

Tgt Ion: 91 Resp: 19542
Ion Ratio Lower Upper
91 100
106 35.2 24.6 36.8

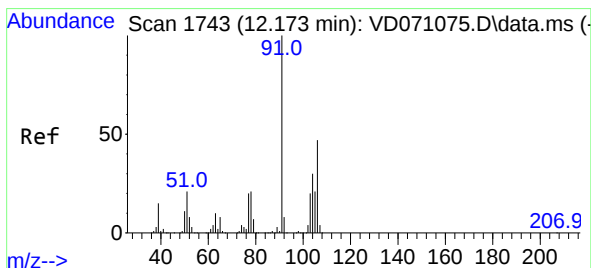
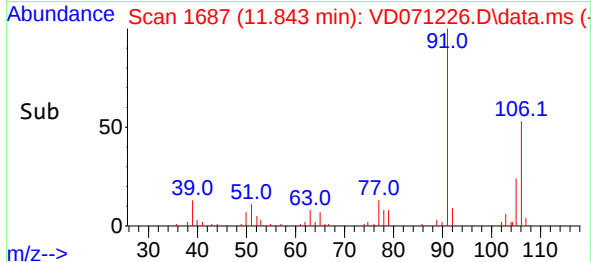
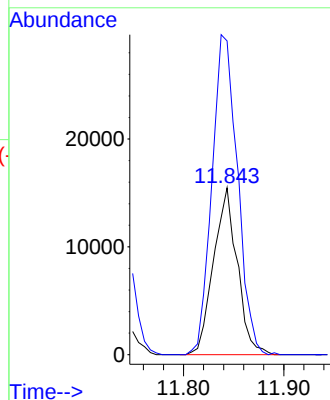
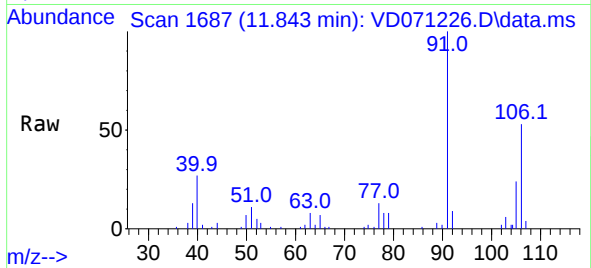




#68
m/p-Xylenes
Concen: 3.76 ug/l
RT: 11.843 min Scan# 11843
Delta R.T. -0.007 min
Lab File: VD071226.D
Acq: 09 Dec 2021 14:16

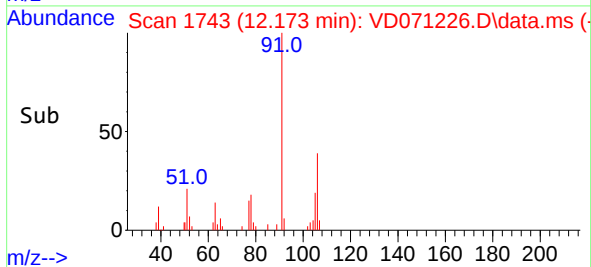
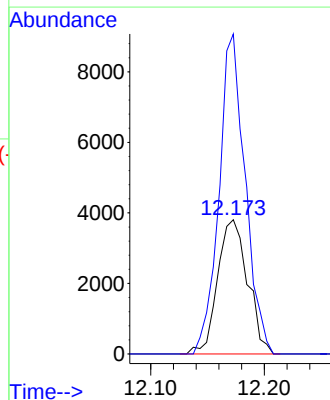
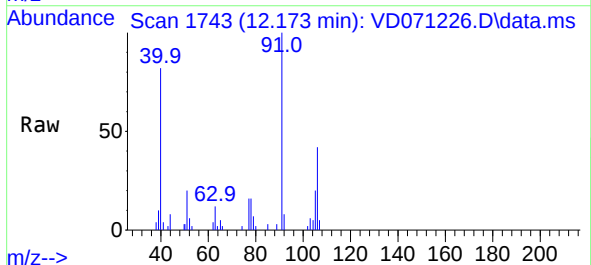
Instrument :
MSVOA_D
ClientSampleId :
BLUE-CONCRETE-VOC

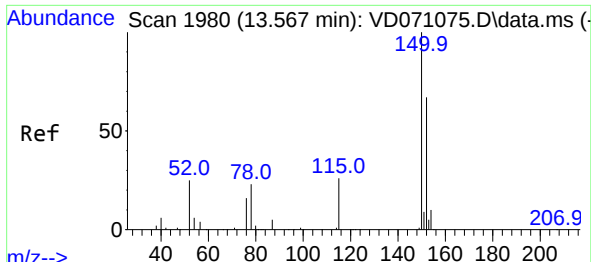
Tgt Ion:106 Resp: 25448
Ion Ratio Lower Upper
106 100
91 206.3 160.1 240.1



#69
o-Xylene
Concen: 1.10 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071226.D
Acq: 09 Dec 2021 14:16

Tgt Ion:106 Resp: 7010
Ion Ratio Lower Upper
106 100
91 207.6 106.3 319.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071226.D
Acq: 09 Dec 2021 14:16

Instrument :
MSVOA_D
ClientSampleId :
BLUE-CONCRETE-VOC

Tgt Ion:152 Resp: 249041
Ion Ratio Lower Upper
152 100
115 59.3 29.8 89.3
150 157.7 0.0 349.2

