

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071214.D
 Acq On : 08 Dec 2021 19:13
 Operator : VA/SY
 Sample : M4965-10
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WHITE-CONCRETE-VOC

Quant Time: Dec 09 10:19:48 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)

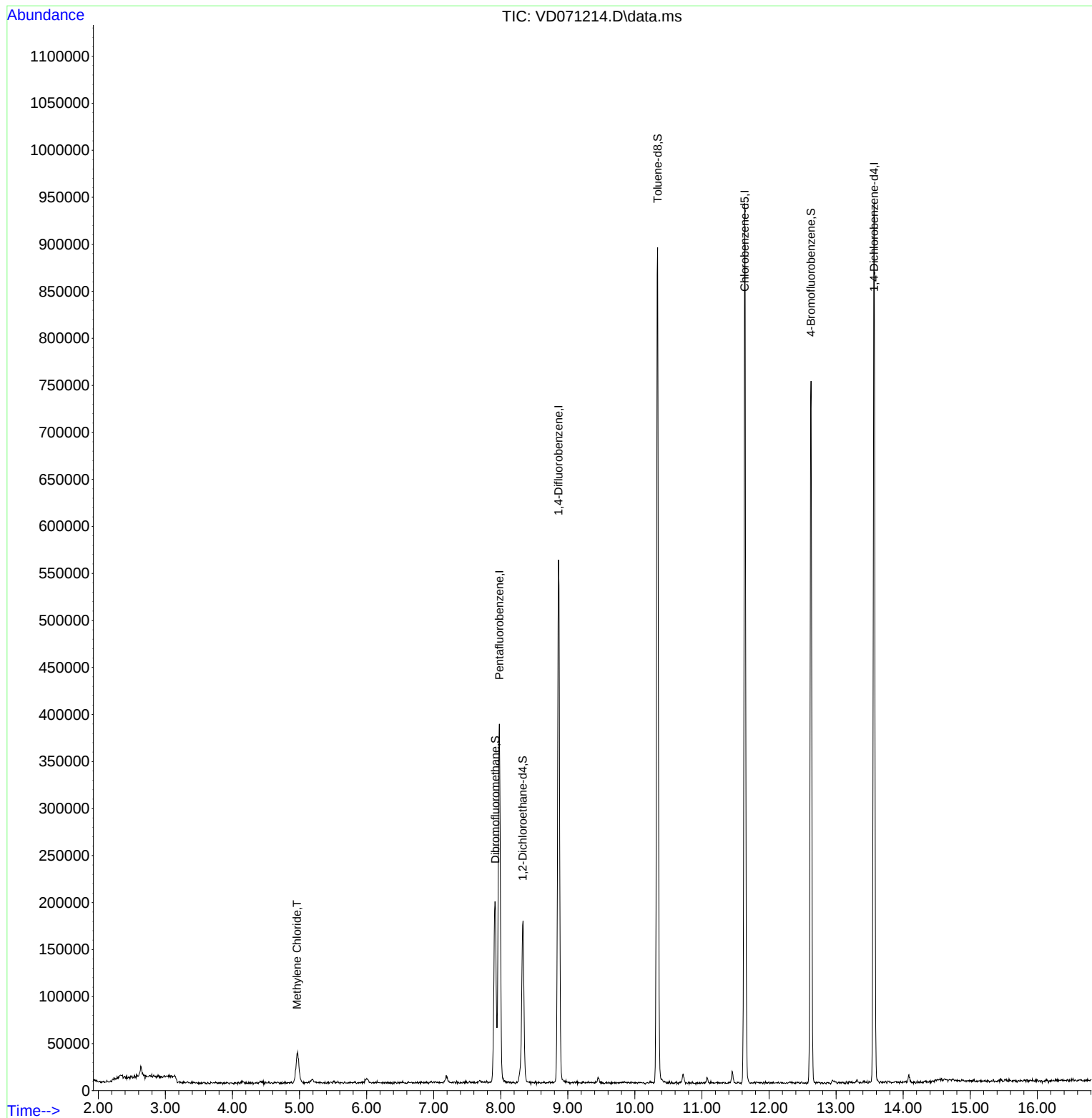
Internal Standards						
1) Pentafluorobenzene	7.979	168	263470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	455696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	476281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	227844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	136141	44.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.080%
35) Dibromofluoromethane	7.920	113	138023	47.564	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.120%
50) Toluene-d8	10.338	98	591692	53.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.160%
62) 4-Bromofluorobenzene	12.626	95	226279	59.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.220%
Target Compounds						Qvalue
20) Methylene Chloride	4.962	84	23006	3.490	ug/l	# 95

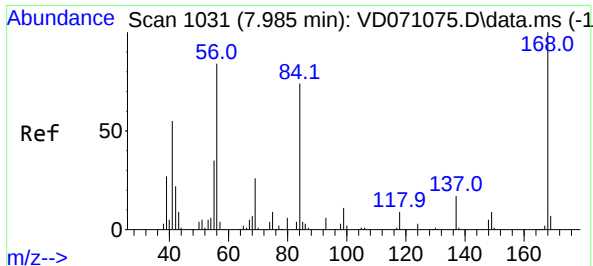
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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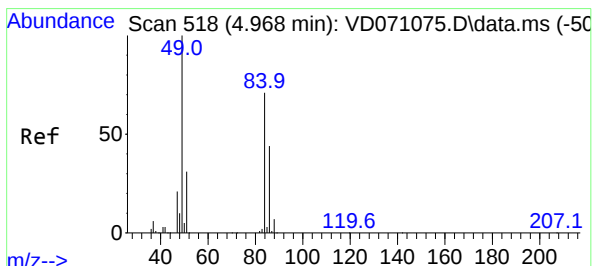
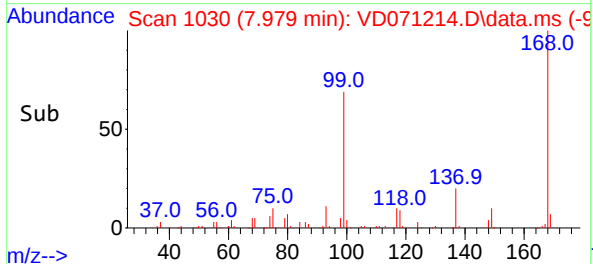
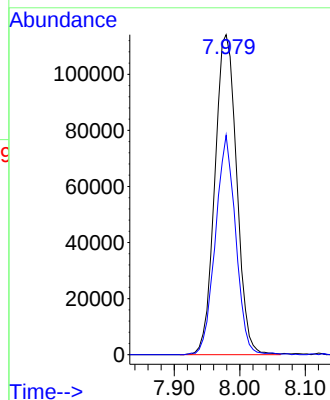
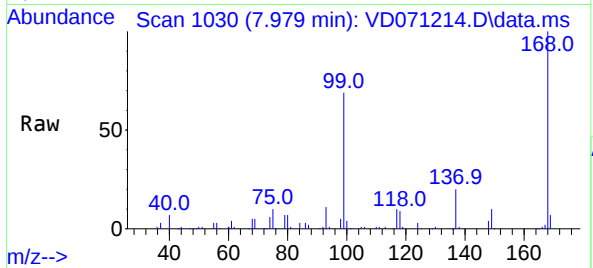




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071214.D
Acq: 08 Dec 2021 19:13

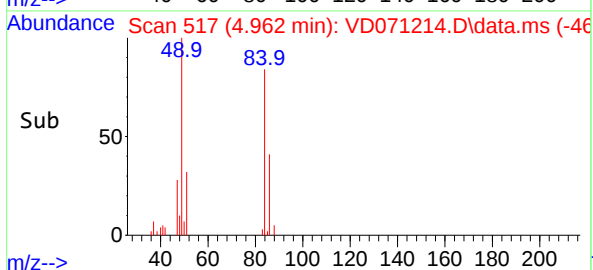
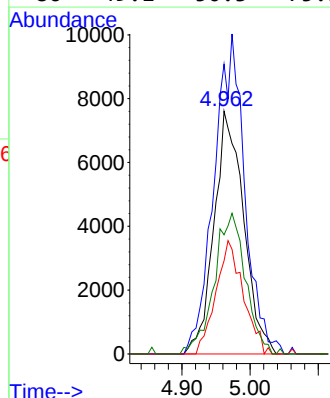
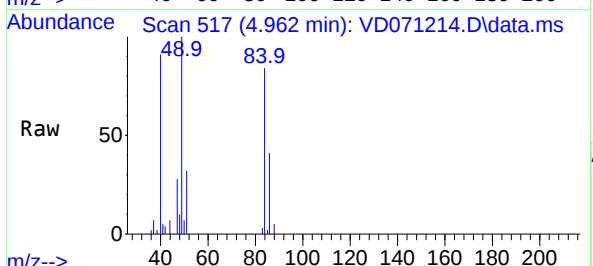
Instrument :
MSVOA_D
ClientSampleId :
WHITE-CONCRETE-VOC

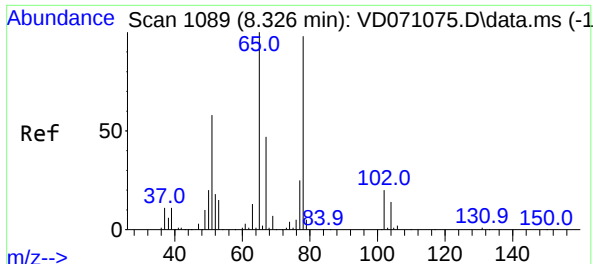
Tgt Ion:168 Resp: 263470
Ion Ratio Lower Upper
168 100
99 68.5 46.6 69.8



#20
Methylene Chloride
Concen: 3.490 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071214.D
Acq: 08 Dec 2021 19:13

Tgt Ion: 84 Resp: 23006
Ion Ratio Lower Upper
84 100
49 119.4 95.8 143.6
51 38.3 30.9 46.3
86 49.1 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 44.037 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071214.D

Acq: 08 Dec 2021 19:13

Instrument :

MSVOA_D

ClientSampleId :

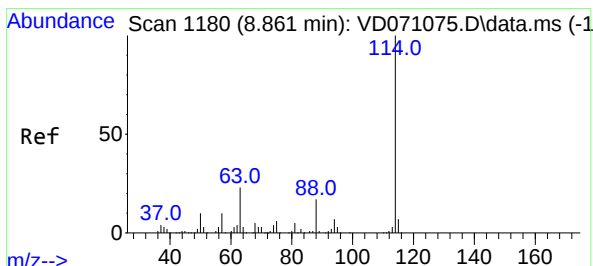
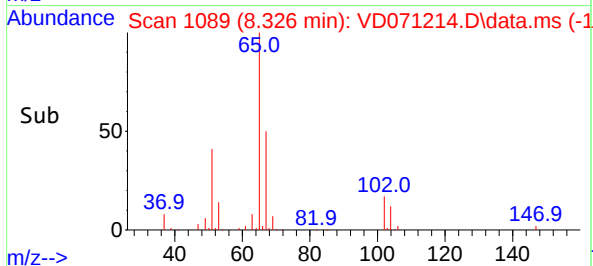
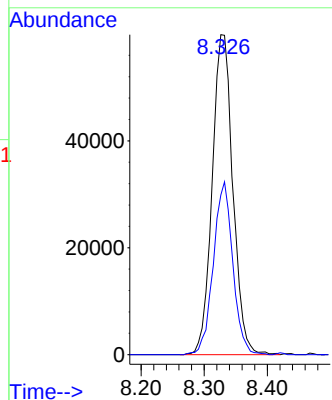
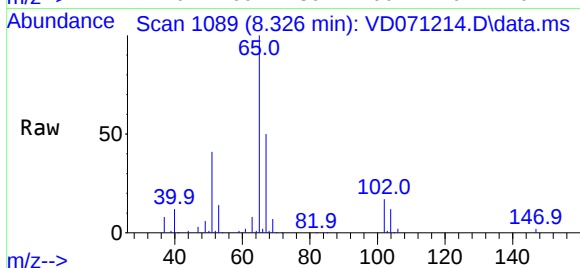
WHITE-CONCRETE-VOC

Tgt Ion: 65 Resp: 136141

Ion Ratio Lower Upper

65 100

67 50.9 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: VD071214.D

Acq: 08 Dec 2021 19:13

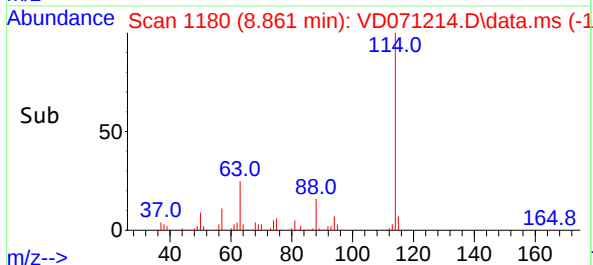
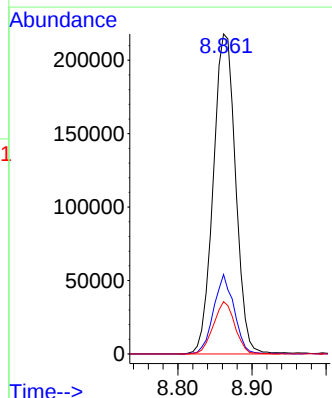
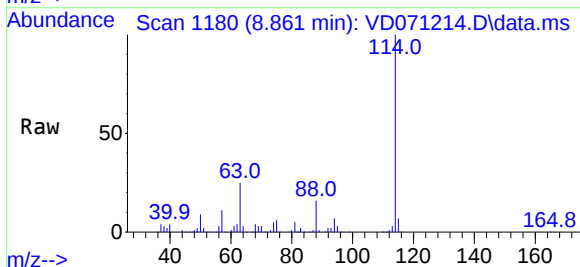
Tgt Ion: 114 Resp: 455696

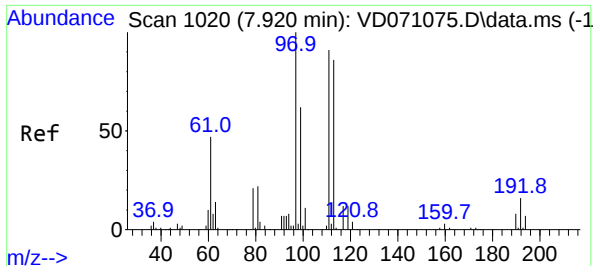
Ion Ratio Lower Upper

114 100

63 24.8 0.0 41.8

88 16.4 0.0 32.8

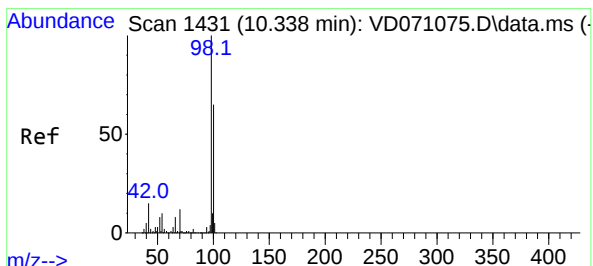
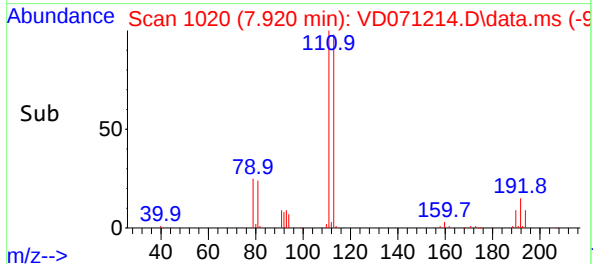
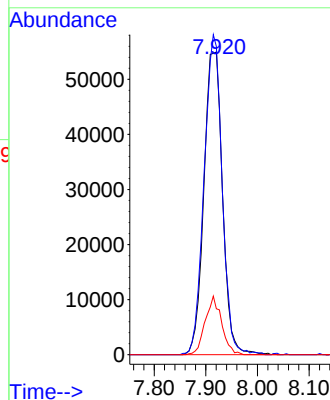
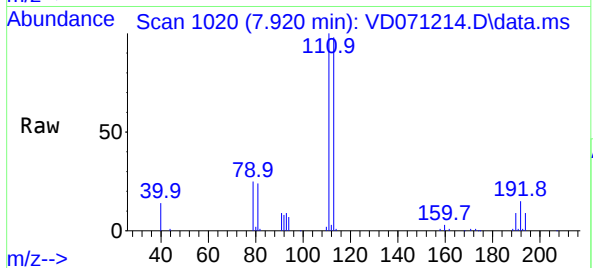




#35
Dibromofluoromethane
Concen: 47.564 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD071214.D
Acq: 08 Dec 2021 19:13

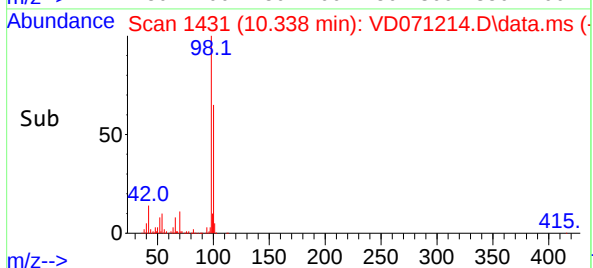
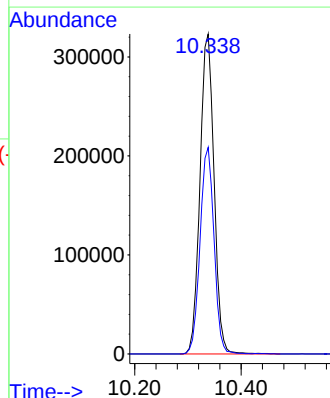
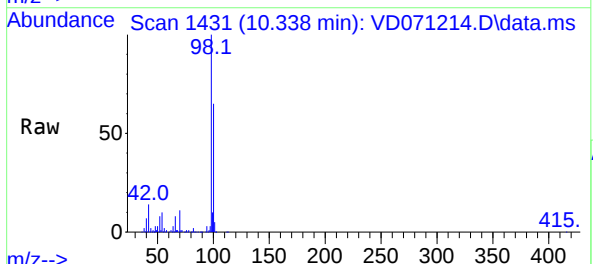
Instrument :
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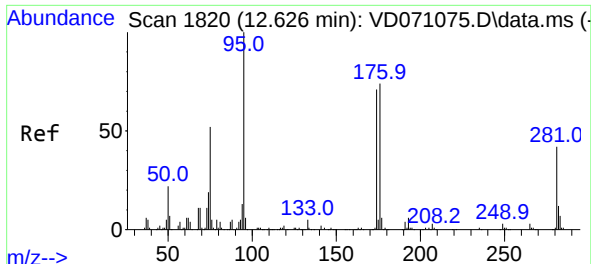
Tgt Ion:113 Resp: 138023
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 17.0 15.2 22.8



#50
Toluene-d8
Concen: 53.581 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071214.D
Acq: 08 Dec 2021 19:13

Tgt Ion: 98 Resp: 591692
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

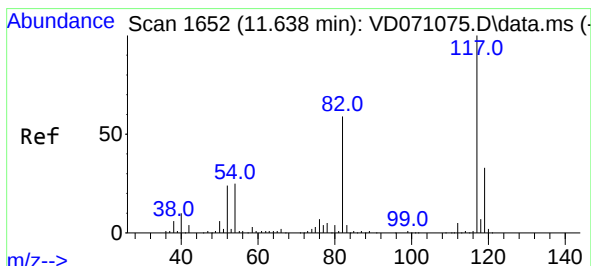
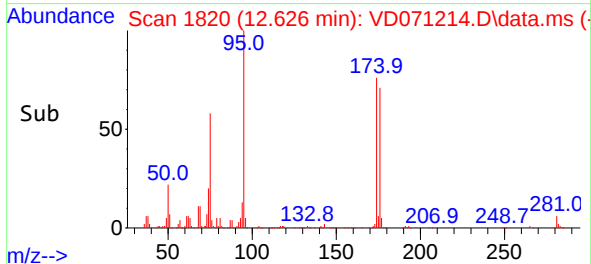
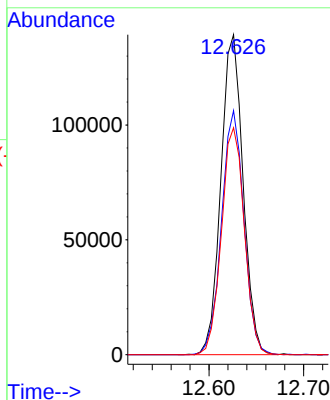
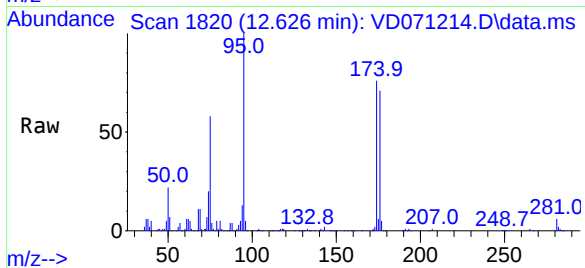




#62
4-Bromofluorobenzene
Concen: 59.113 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071214.D
Acq: 08 Dec 2021 19:13

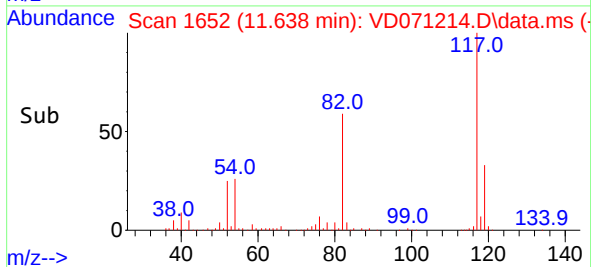
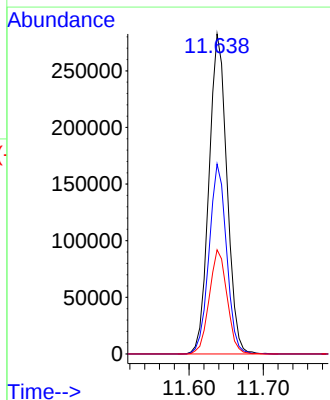
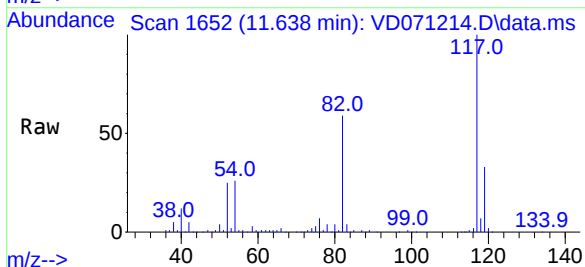
Instrument :
MSVOA_D
ClientSampleId :
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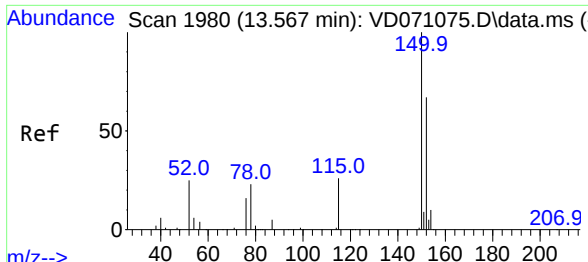
Tgt Ion: 95 Resp: 226279
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.4
176 73.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071214.D
Acq: 08 Dec 2021 19:13

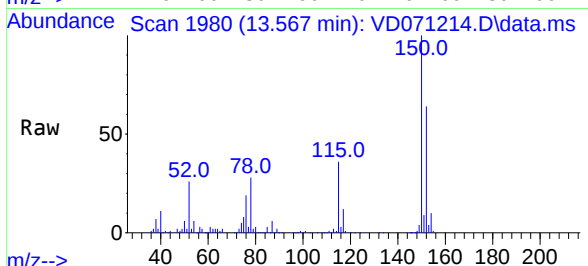
Tgt Ion: 117 Resp: 476281
Ion Ratio Lower Upper
117 100
82 59.3 44.7 67.1
119 32.6 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071214.D
 Acq: 08 Dec 2021 19:13

Instrument :
 MSVOA_D
 ClientSampleId :
 WHITE-CONCRETE-VOC



Tgt Ion:152 Resp: 227844

Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.8	89.3
150	156.4	0.0	349.2

