

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068767.D
 Acq On : 01 Apr 2021 19:18
 Operator : VA/SY
 Sample : M1886-05RE
 Misc : 9.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124018-ARE

Quant Time: Apr 02 01:06:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

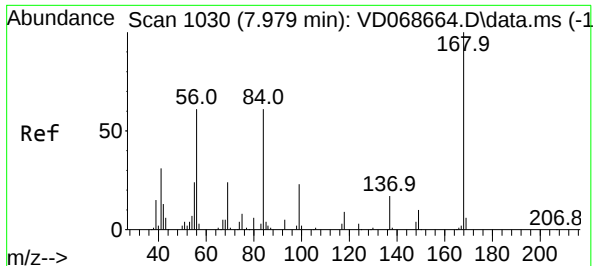
Internal Standards						
1) Pentafluorobenzene	7.979	168	1687	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	2240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	1992	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	266	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	906	53.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.52%	
35) Dibromofluoromethane	7.909	113	696	49.94	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.88%	
50) Toluene-d8	10.344	98	2383	44.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.70%	
62) 4-Bromofluorobenzene	12.620	95	525	30.14	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.28%	

Target Compounds	Qvalue

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

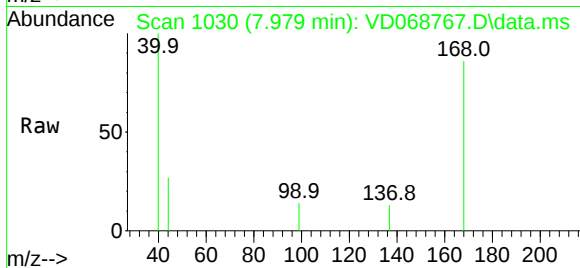
Quant Time: Apr 02 01:06:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
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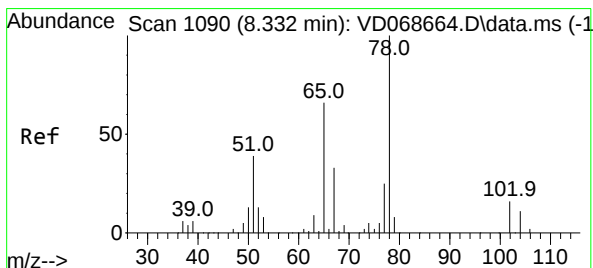
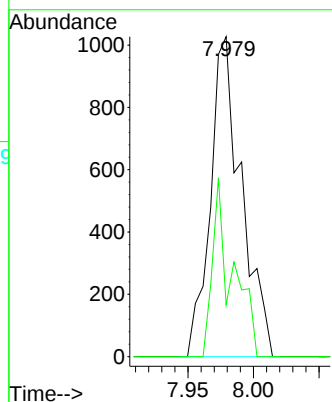
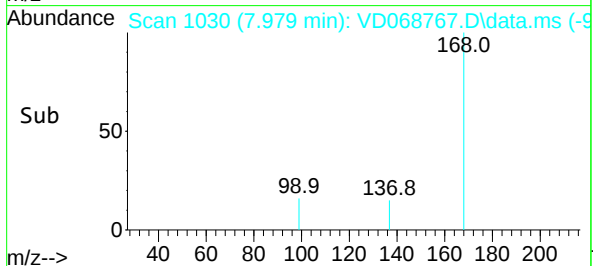


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

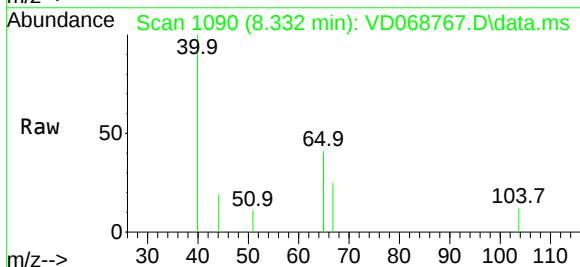
Instrument :
MSVOA_D
ClientSampleId :
124018-ARE



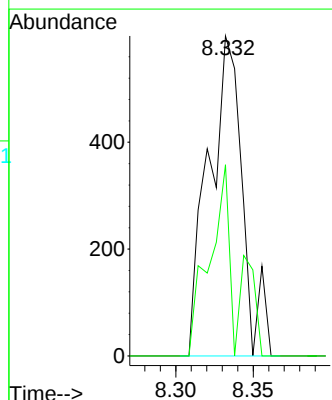
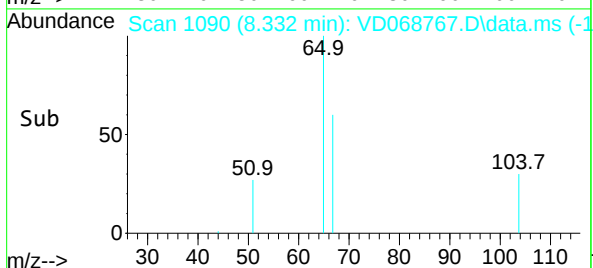
Tgt Ion:168 Resp: 1687
Ion Ratio Lower Upper
168 100
99 16.2 46.2 69.2#

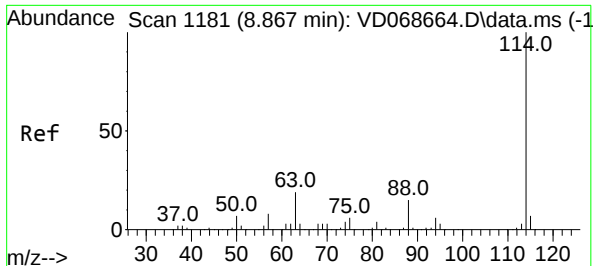


#33
1,2-Dichloroethane-d4
Concen: 53.26 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18



Tgt Ion: 65 Resp: 906
Ion Ratio Lower Upper
65 100
67 48.5 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068767.D

Acq: 01 Apr 2021 19:18

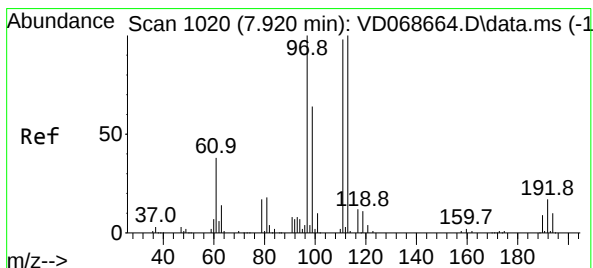
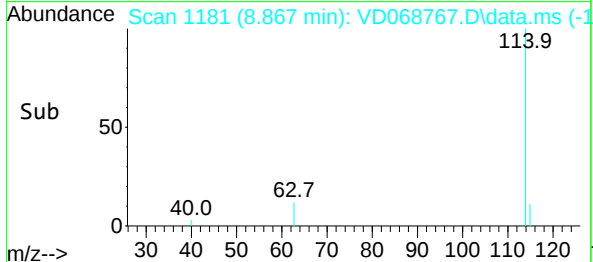
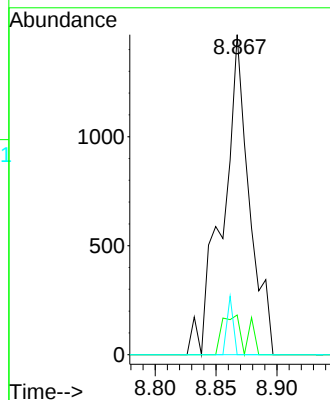
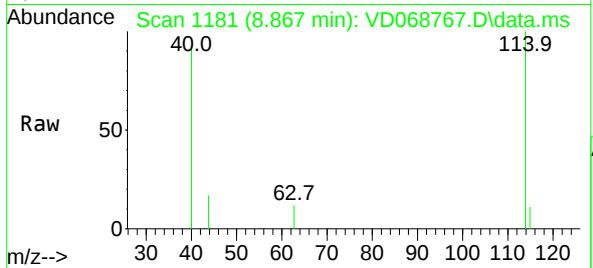
Tgt Ion:114 Resp: 2240

Ion Ratio Lower Upper

114 100

63 12.4 0.0 38.2

88 0.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.94 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD068767.D

Acq: 01 Apr 2021 19:18

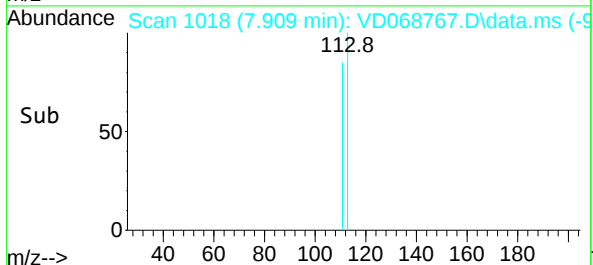
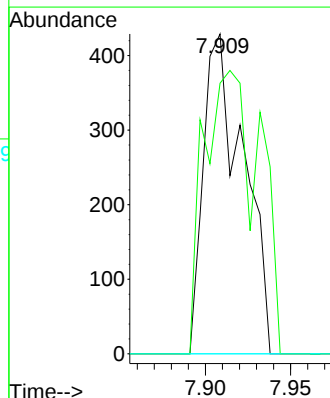
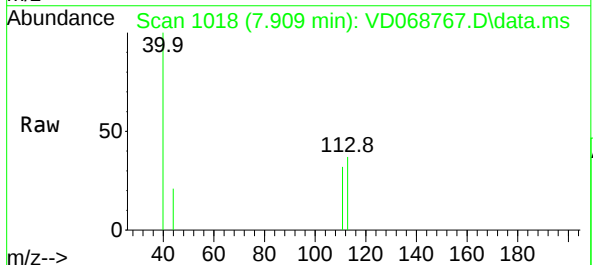
Tgt Ion:113 Resp: 696

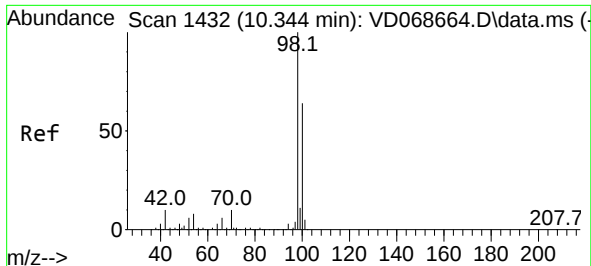
Ion Ratio Lower Upper

113 100

111 122.4 82.5 123.7

192 0.0 15.1 22.7#

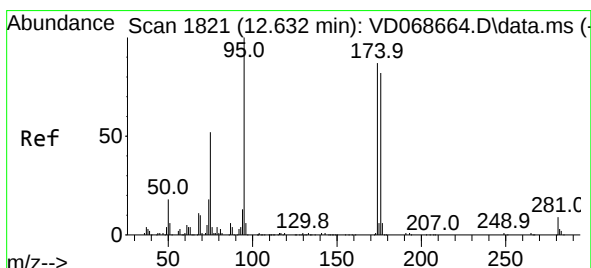
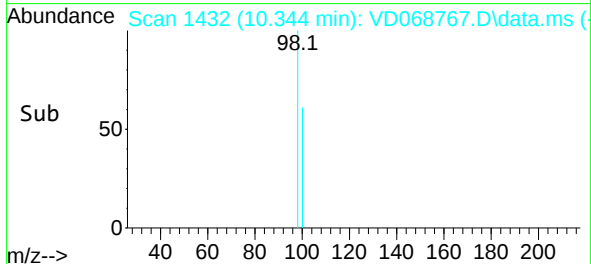
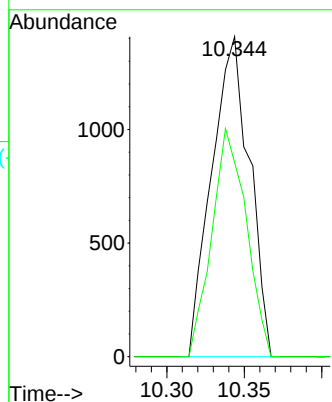
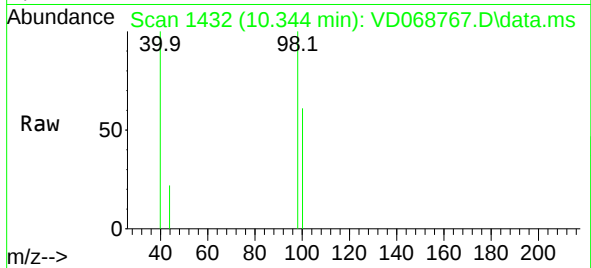




#50
Toluene-d8
Concen: 44.35 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

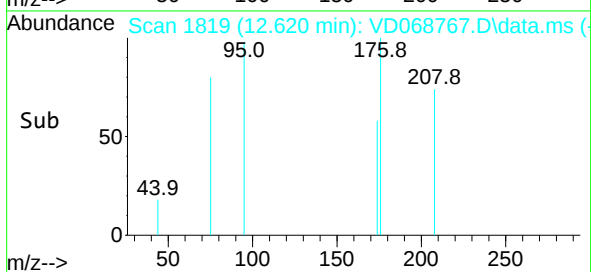
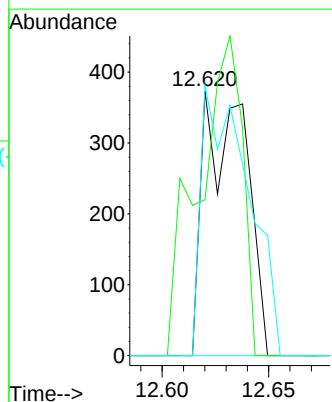
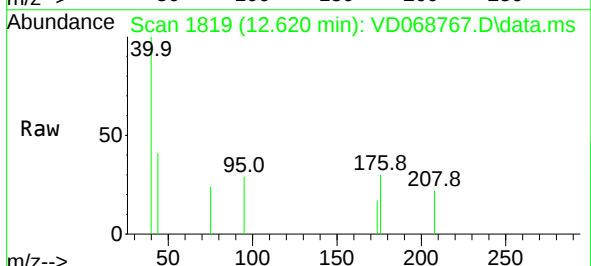
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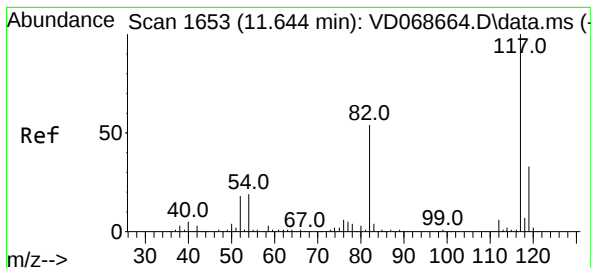
Tgt Ion: 98 Resp: 2383
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 30.14 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.012 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion: 95 Resp: 525
Ion Ratio Lower Upper
95 100
174 123.6 0.0 168.0
176 111.0 0.0 160.2

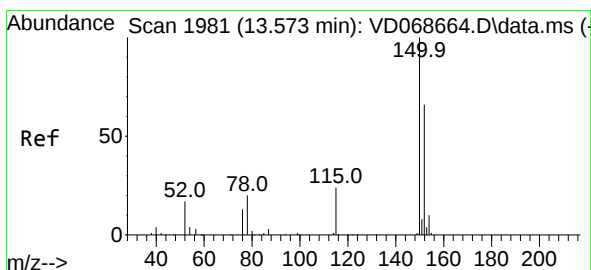
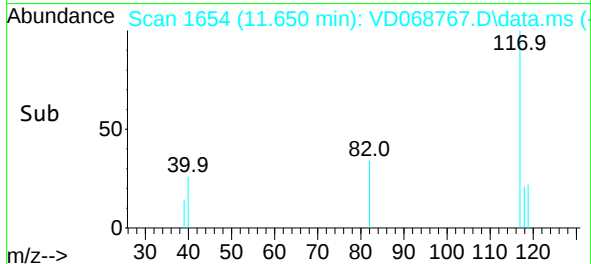
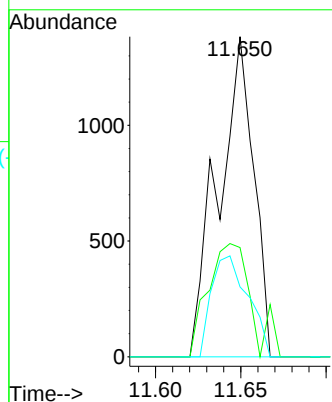
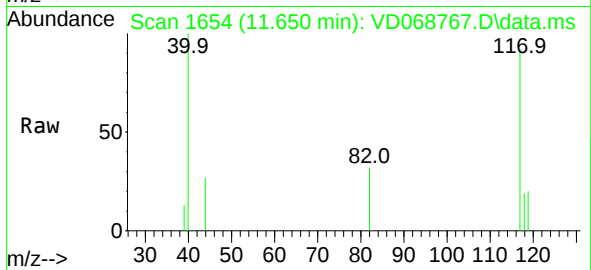




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Instrument :
MSVOA_D
ClientSampleId :
124018-ARE

Tgt Ion:117 Resp: 1992
Ion Ratio Lower Upper
117 100
82 34.1 43.5 65.3#
119 21.8 26.7 40.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068767.D
Acq: 01 Apr 2021 19:18

Tgt Ion:152 Resp: 266
Ion Ratio Lower Upper
152 100
115 65.4 29.3 87.8
150 263.9 0.0 347.6

