

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068540.D
 Acq On : 05 Mar 2021 13:00
 Operator : VA/SY
 Sample : M1565-01RE
 Misc : 3.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: Mar 05 23:11:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

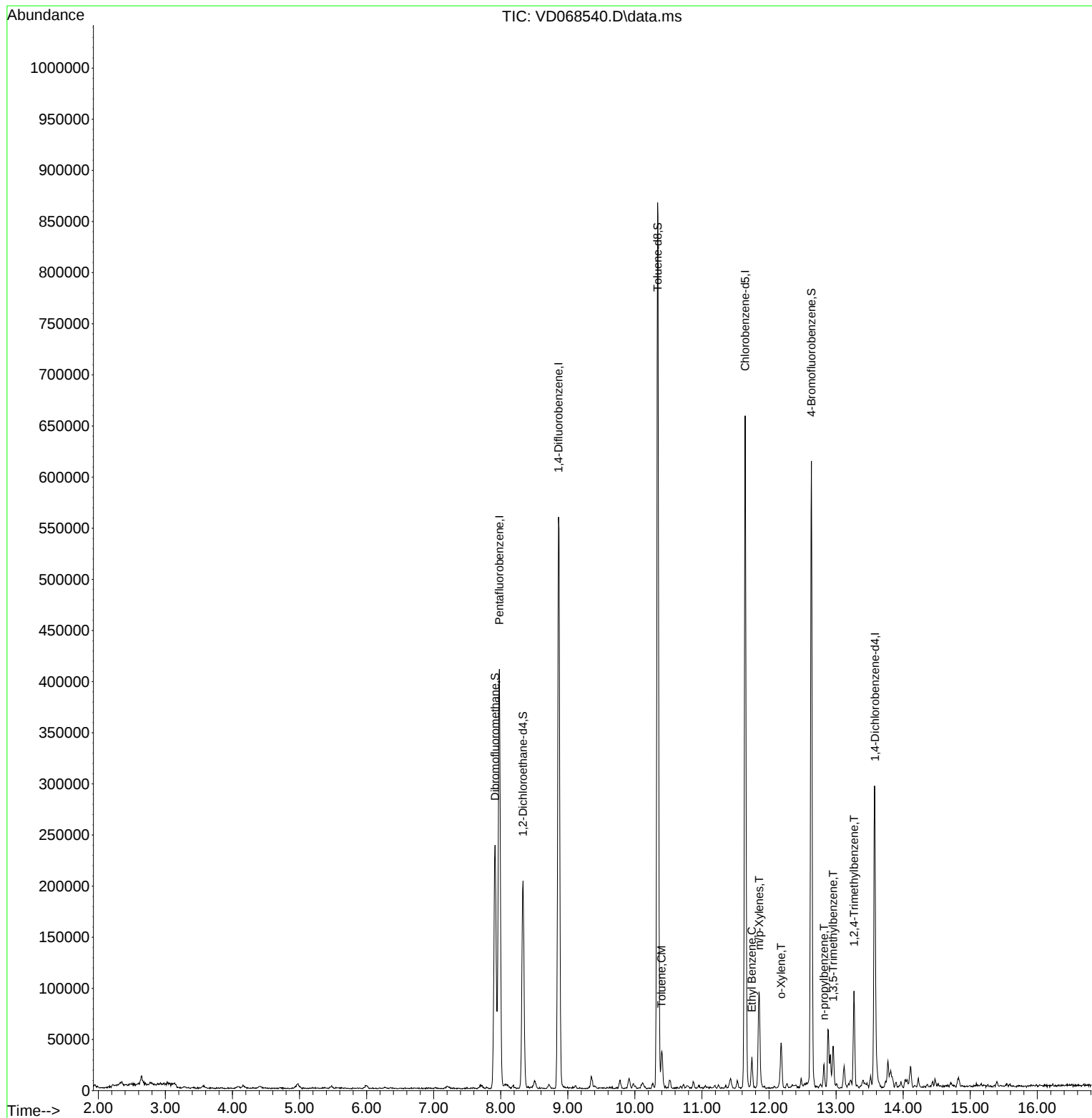
Internal Standards						
1) Pentafluorobenzene	7.979	168	307401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	518856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	385906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	84663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158824	51.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.42%			
35) Dibromofluoromethane	7.914	113	171679	54.93	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.86%			
50) Toluene-d8	10.338	98	618774	49.70	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.40%			
62) 4-Bromofluorobenzene	12.632	95	123768	30.85	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 61.70%			
Target Compounds					Qvalue	
52) Toluene	10.397	92	15056	1.67	ug/l	90
67) Ethyl Benzene	11.744	91	20252	1.44	ug/l	99
68) m/p-Xylenes	11.855	106	27299	5.12	ug/l	96
69) o-Xylene	12.179	106	12171	2.48	ug/l	93
78) n-propylbenzene	12.820	91	17499	2.33	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	16015	3.11	ug/l	93
84) 1,2,4-Trimethylbenzene	13.267	105	53978	10.47	ug/l	100

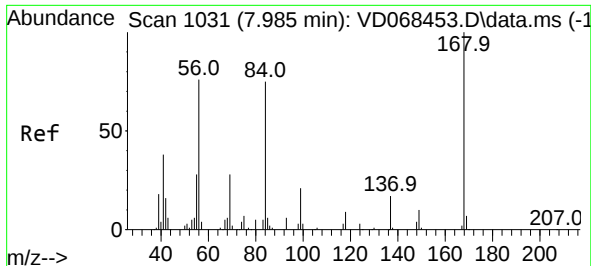
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
Data File : VD068540.D
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Sample : M1565-01RE
Misc : 3.63G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Quant Time: Mar 05 23:11:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

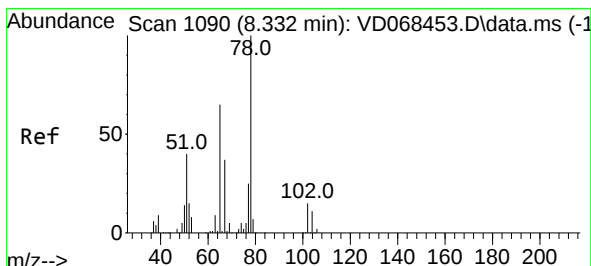
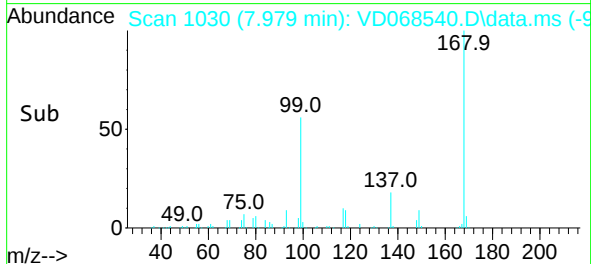
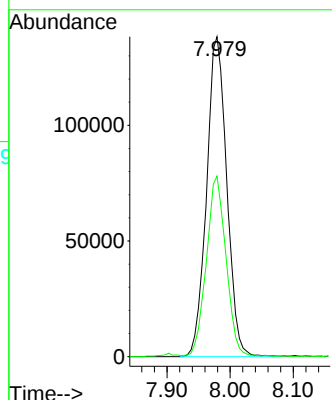
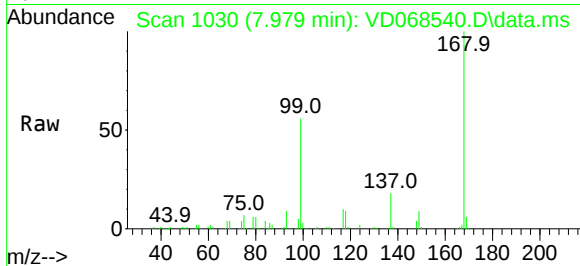




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

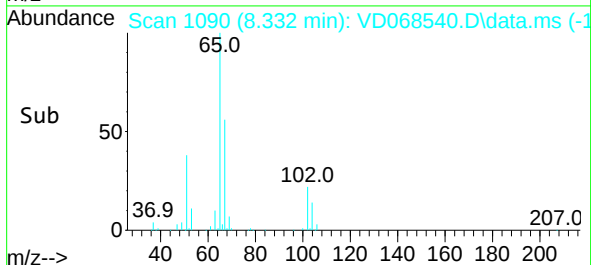
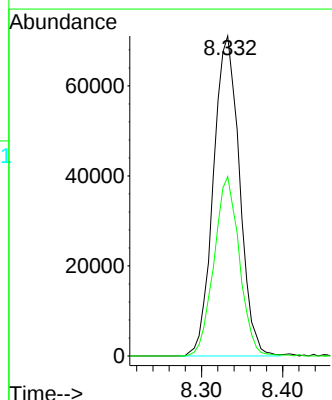
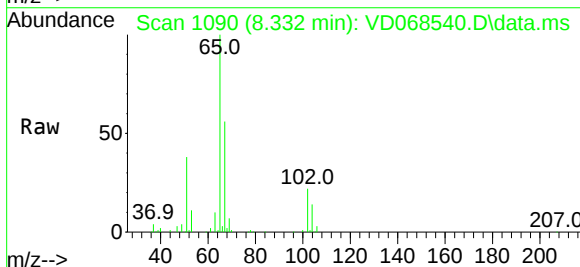
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

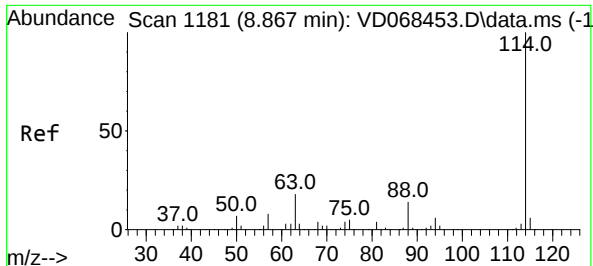
Tgt Ion:168 Resp: 307401
Ion Ratio Lower Upper
168 100
99 56.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 51.71 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

Tgt Ion: 65 Resp: 158824
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD068540.D

Acq: 05 Mar 2021 13:00

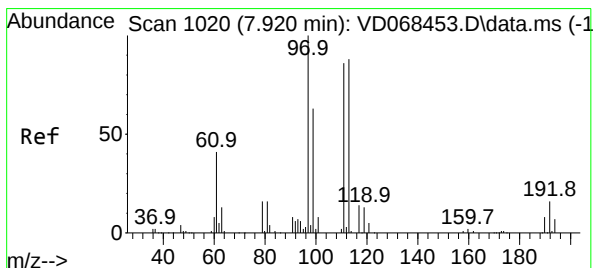
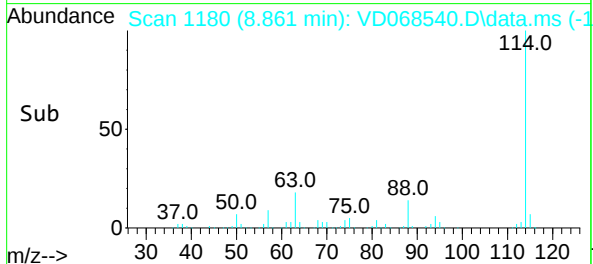
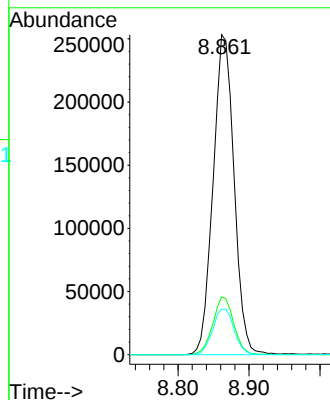
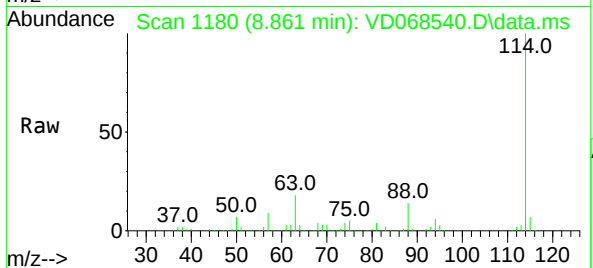
Tgt Ion:114 Resp: 518856

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

88 14.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 54.93 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068540.D

Acq: 05 Mar 2021 13:00

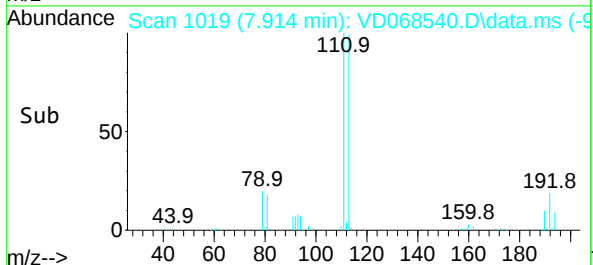
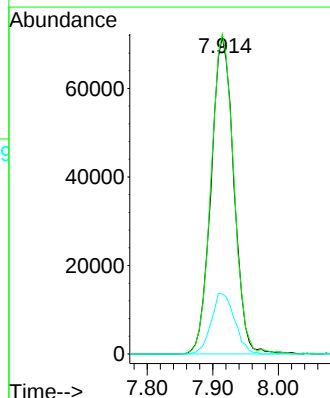
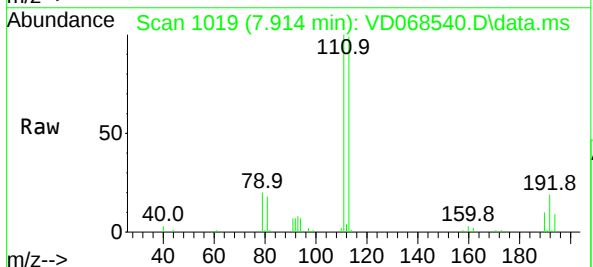
Tgt Ion:113 Resp: 171679

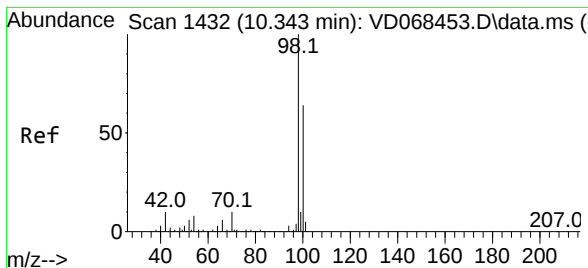
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 19.8 16.1 24.1

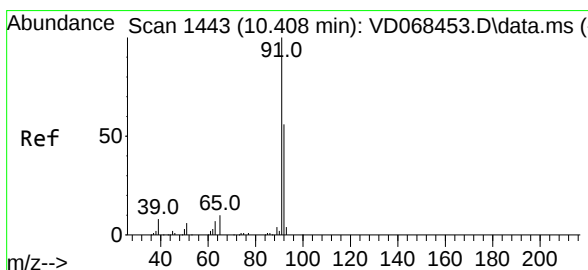
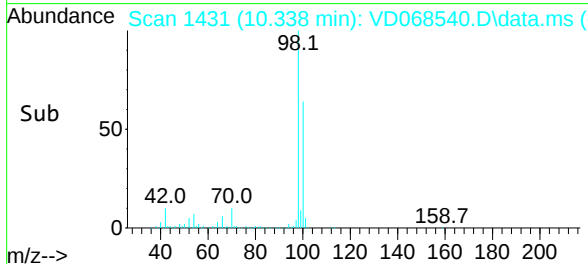
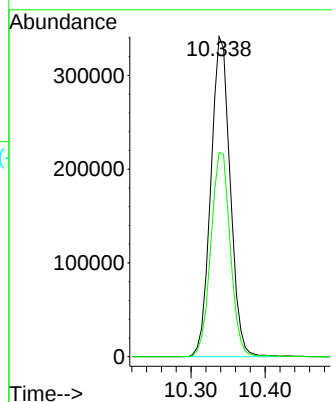
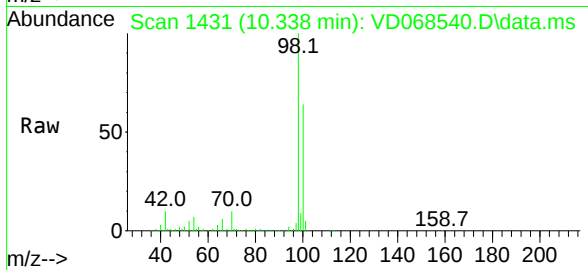




#50
Toluene-d8
Concen: 49.70 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

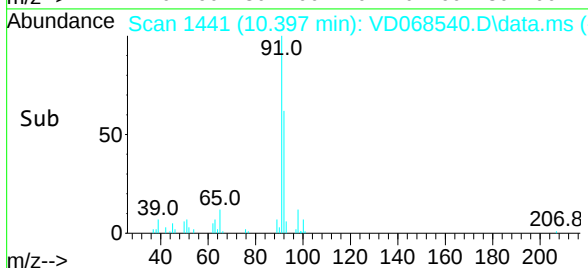
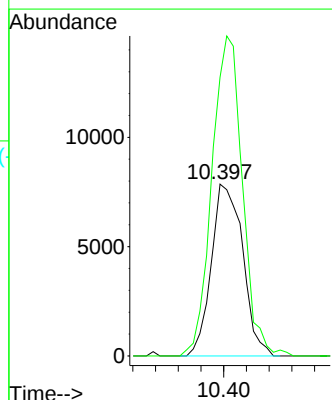
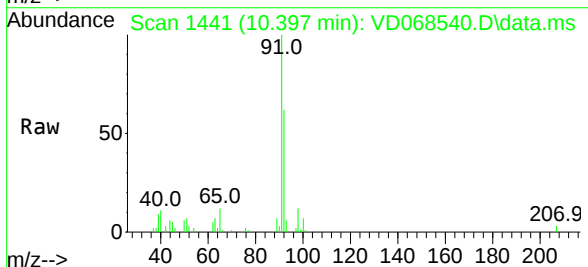
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

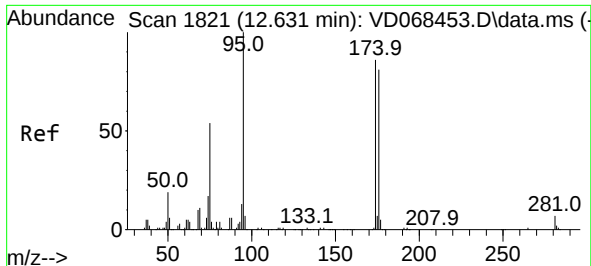
Tgt Ion: 98 Resp: 618774
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#52
Toluene
Concen: 1.67 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.011 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

Tgt Ion: 92 Resp: 15056
Ion Ratio Lower Upper
92 100
91 181.0 134.1 201.1

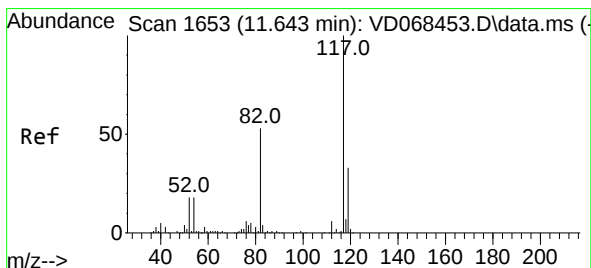
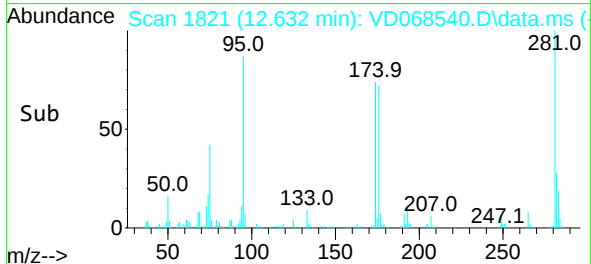
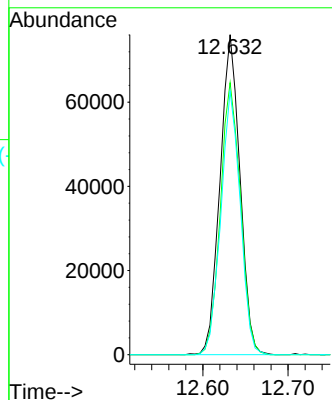
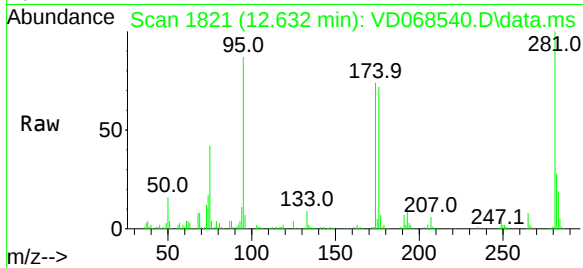




#62
4-Bromofluorobenzene
Concen: 30.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

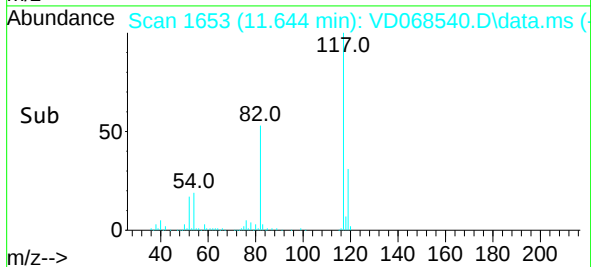
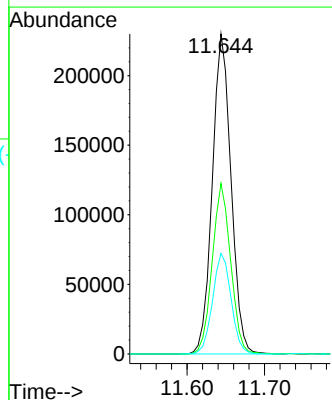
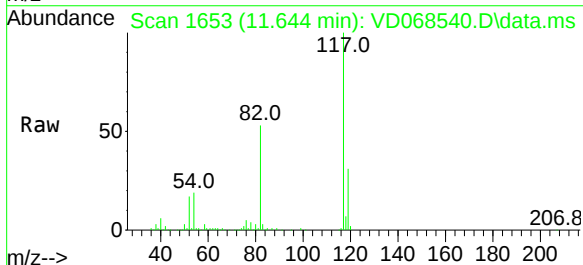
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

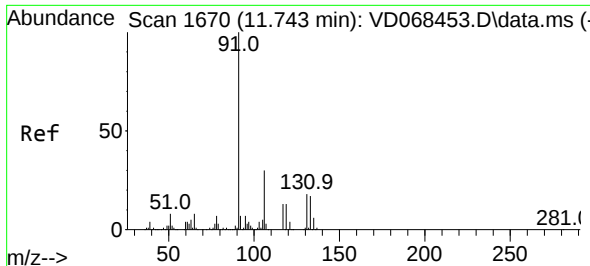
Tgt Ion: 95 Resp: 123768
Ion Ratio Lower Upper
95 100
174 85.4 0.0 172.4
176 80.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

Tgt Ion: 117 Resp: 385906
Ion Ratio Lower Upper
117 100
82 53.3 41.4 62.0
119 31.5 26.1 39.1

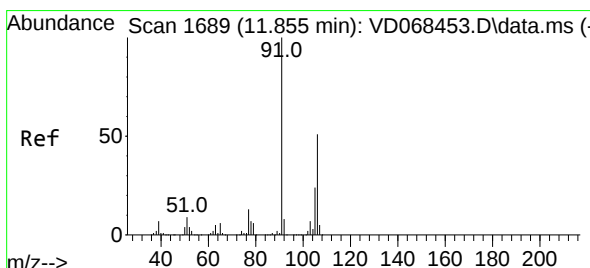
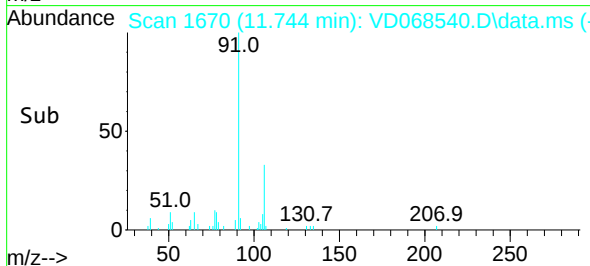
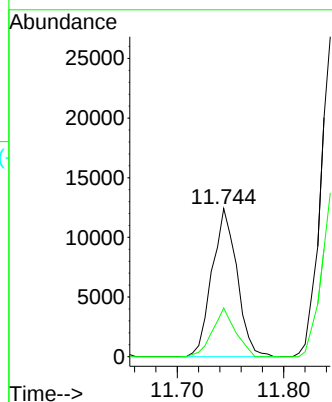
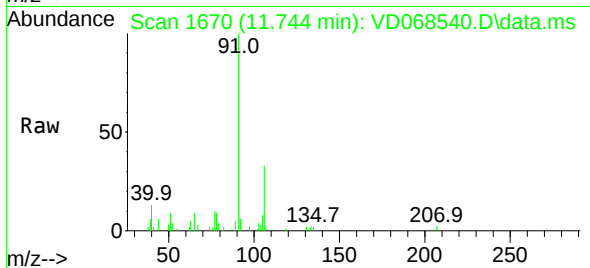




#67
Ethyl Benzene
Concen: 1.44 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

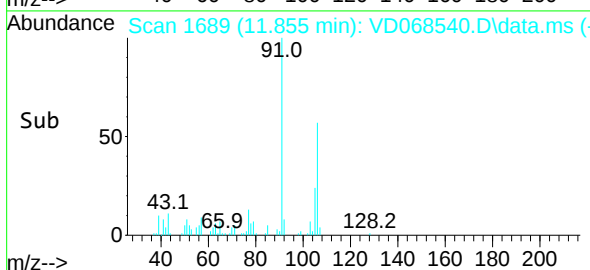
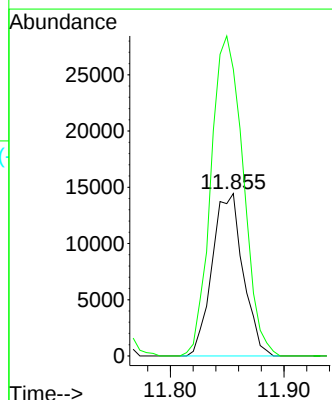
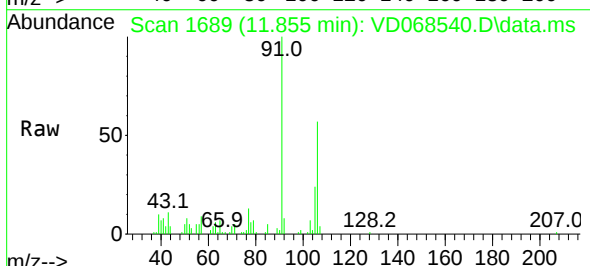
Instrument :
MSVOA_D
ClientSampled :
TP-1RE

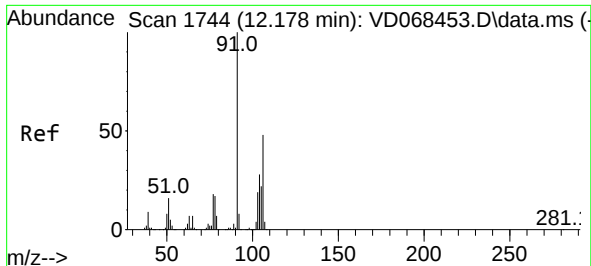
Tgt Ion: 91 Resp: 20252
Ion Ratio Lower Upper
91 100
106 32.8 25.9 38.9



#68
m/p-Xylenes
Concen: 5.12 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.001 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

Tgt Ion: 106 Resp: 27299
Ion Ratio Lower Upper
106 100
91 205.0 159.1 238.7

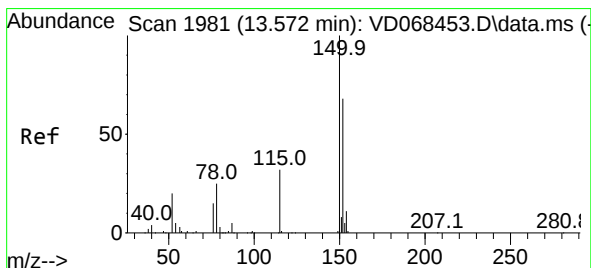
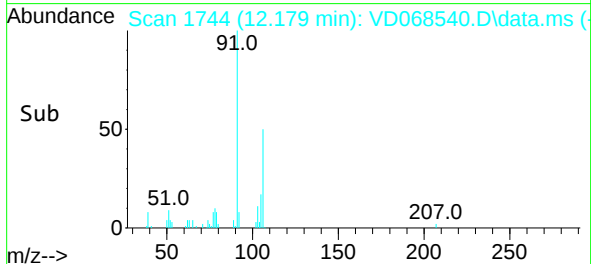
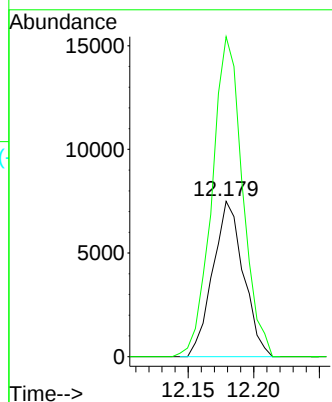
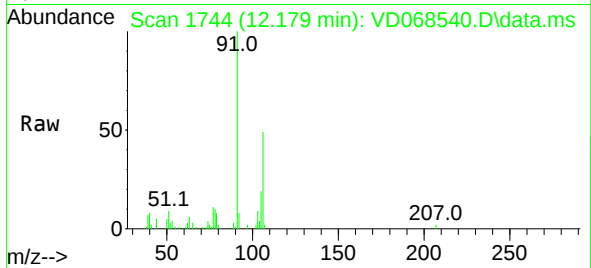




#69
o-Xylene
Concen: 2.48 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.001 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

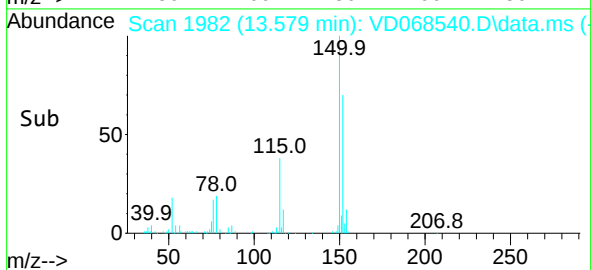
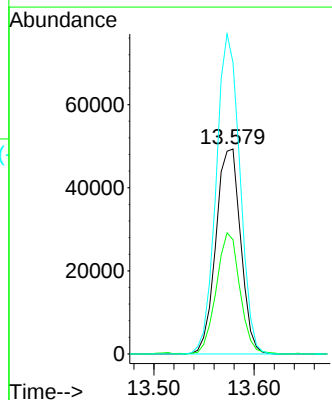
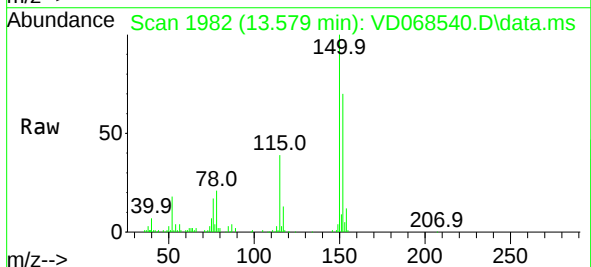
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

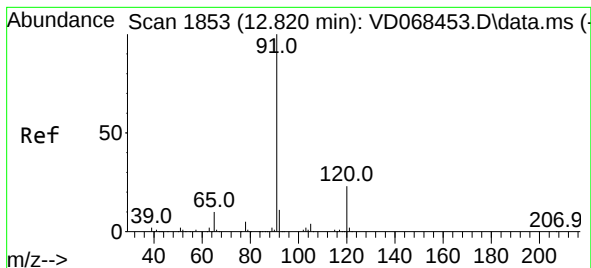
Tgt Ion:106 Resp: 12171
Ion Ratio Lower Upper
106 100
91 205.5 108.7 325.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.007 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

Tgt Ion:152 Resp: 84663
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.8
150 149.5 0.0 344.4

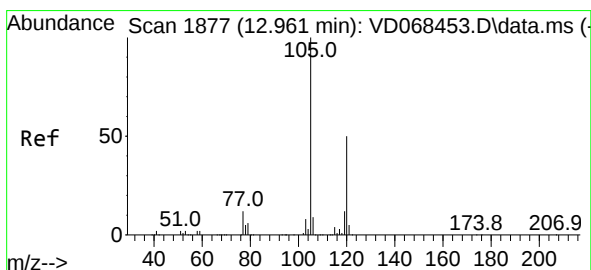
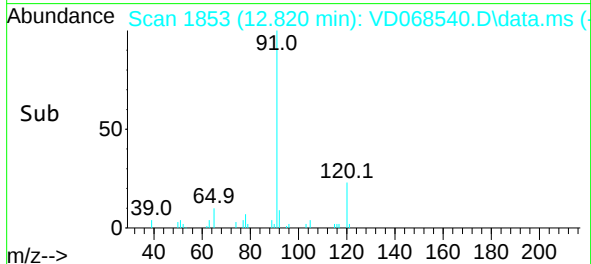
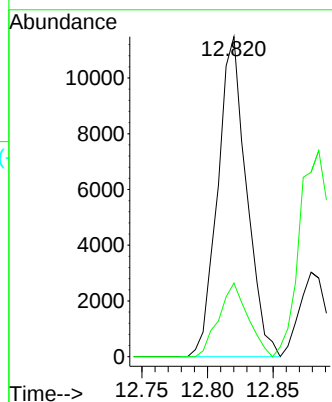
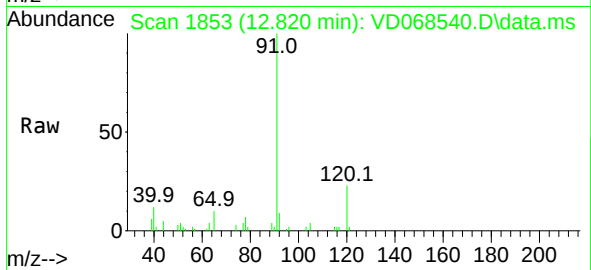




#78
n-propylbenzene
Concen: 2.33 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

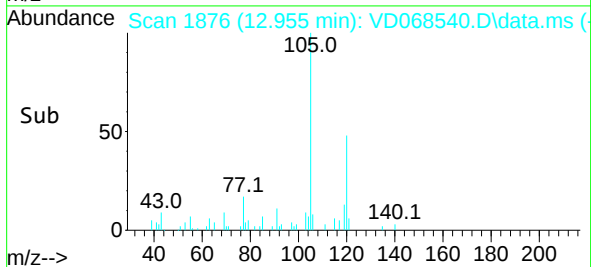
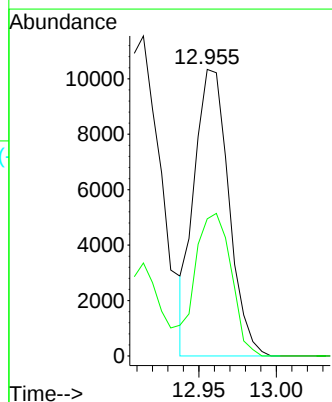
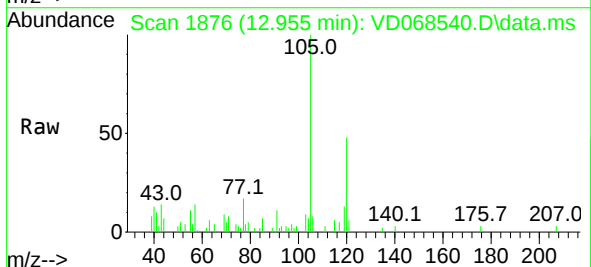
Instrument :
MSVOA_D
ClientSampled :
TP-1RE

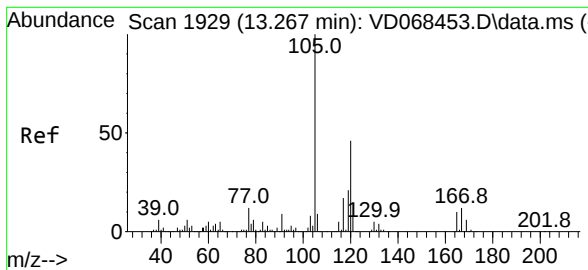
Tgt Ion: 91 Resp: 17499
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.0



#80
1,3,5-Trimethylbenzene
Concen: 3.11 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068540.D
Acq: 05 Mar 2021 13:00

Tgt Ion: 105 Resp: 16015
Ion Ratio Lower Upper
105 100
120 53.5 24.2 72.6





#84
 1,2,4-Trimethylbenzene
 Concen: 10.47 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.001 min
 Lab File: VD068540.D
 Acq: 05 Mar 2021 13:00

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Tgt Ion:105 Resp: 53978
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.0

