

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068037.D
 Acq On : 07 Jan 2021 16:34
 Operator : VA/SY
 Sample : M1044-12
 Misc : 5.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11

Quant Time: Jan 08 00:16:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

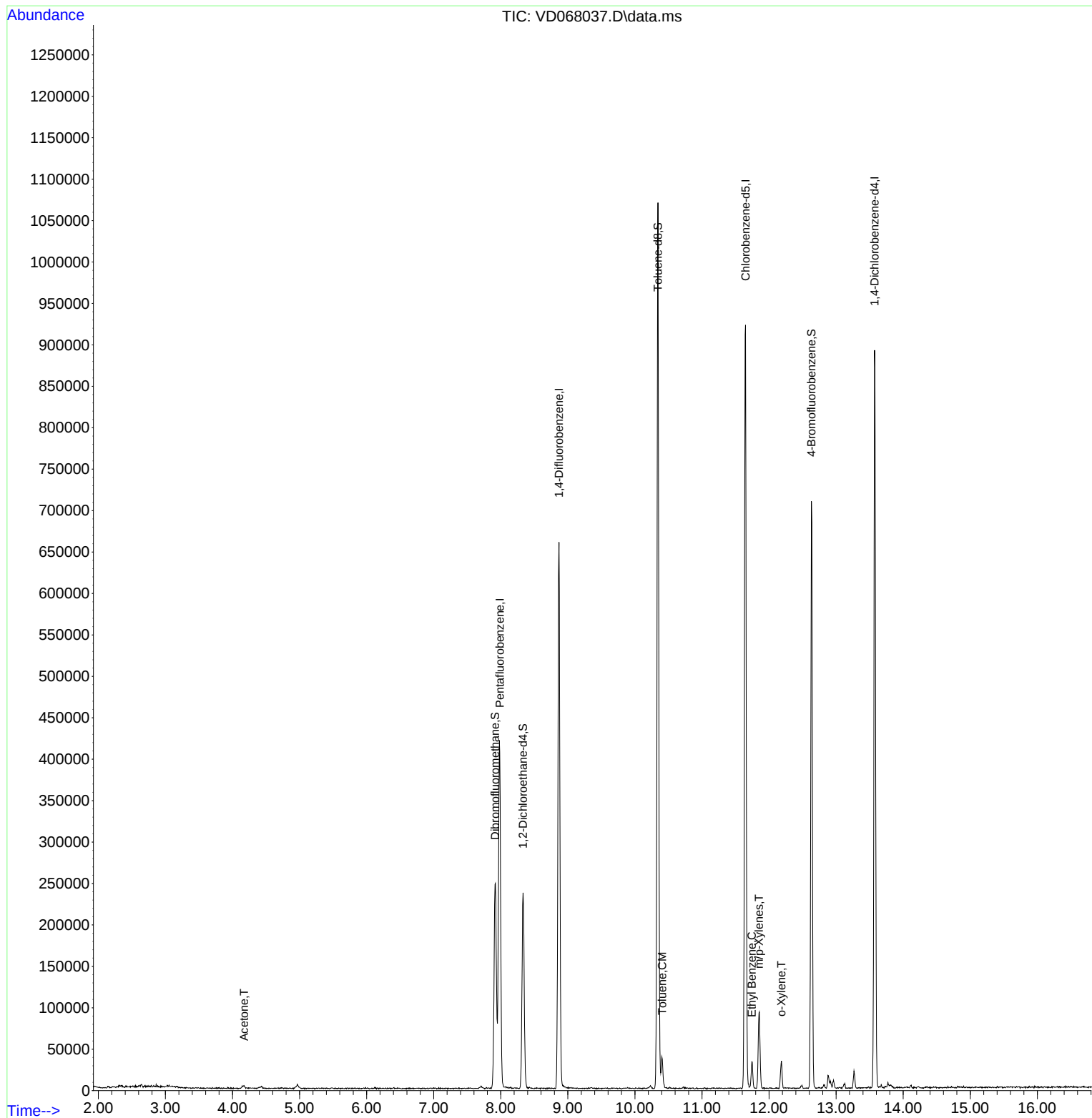
Internal Standards						
1) Pentafluorobenzene	7.985	168	296193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	562667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	541420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	235898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	187848	58.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.46%	
35) Dibromofluoromethane	7.914	113	188232	53.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.18%	
50) Toluene-d8	10.344	98	700896	52.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.20%	
62) 4-Bromofluorobenzene	12.632	95	241132	52.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	6476	10.60	ug/l	# 82
52) Toluene	10.408	92	13512	1.26	ug/l	99
67) Ethyl Benzene	11.743	91	22247	1.07	ug/l	95
68) m/p-Xylenes	11.849	106	29585	3.73	ug/l	96
69) o-Xylene	12.185	106	8973	1.26	ug/l	100

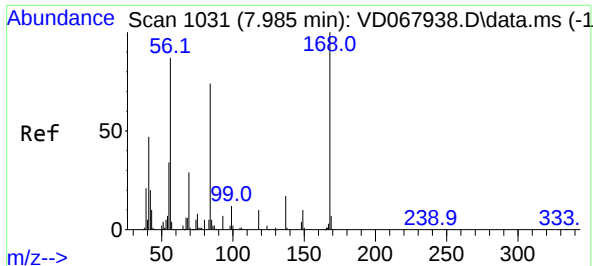
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

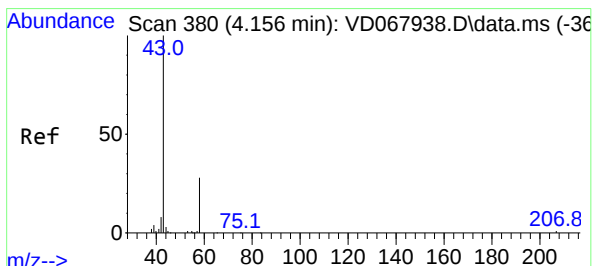
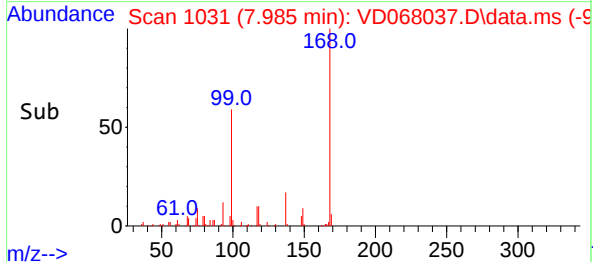
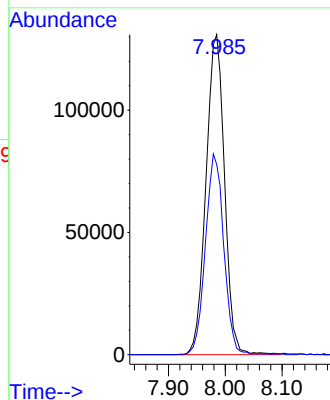
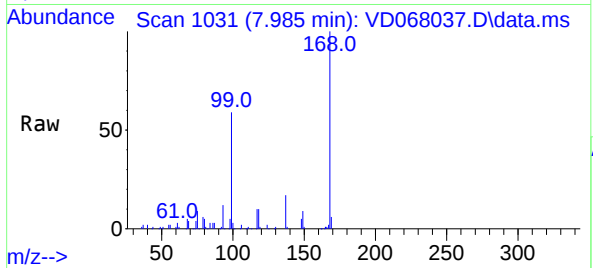




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

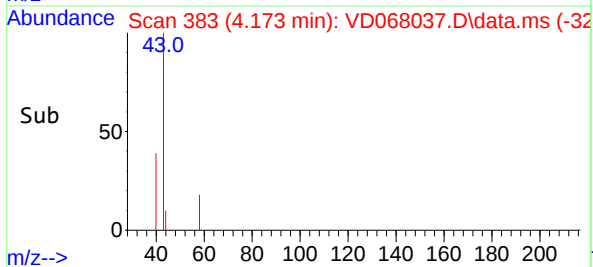
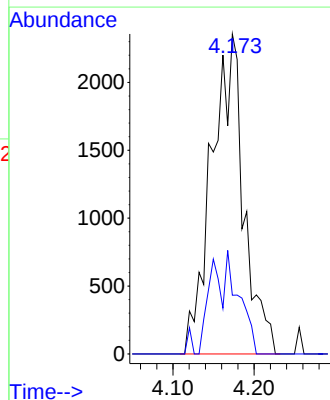
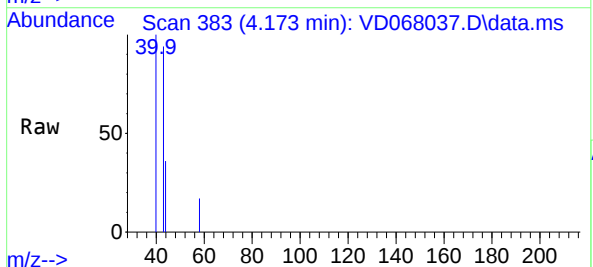
Instrument :
MSVOA_D
ClientSampled :
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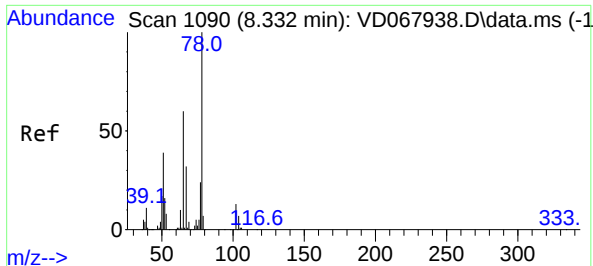
Tgt Ion:168 Resp: 296193
Ion Ratio Lower Upper
168 100
99 59.3 48.0 72.0



#16
Acetone
Concen: 10.60 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 43 Resp: 6476
Ion Ratio Lower Upper
43 100
58 18.3 22.3 33.5#

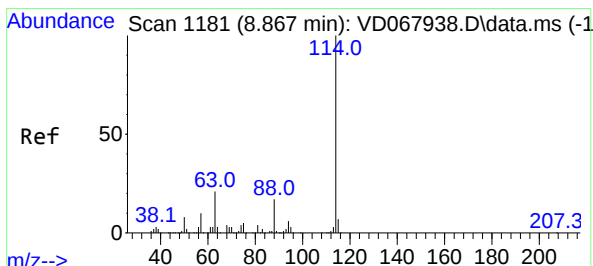
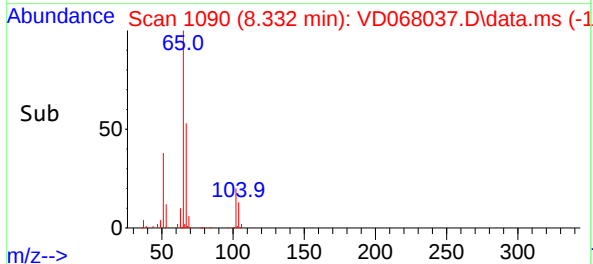
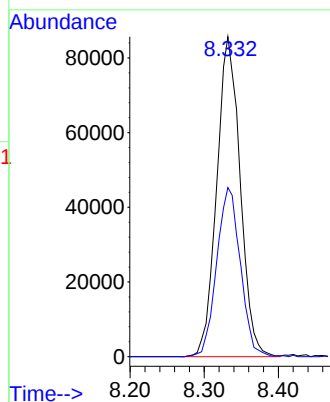
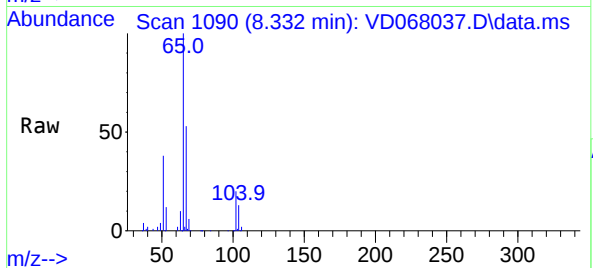




#33
1,2-Dichloroethane-d4
Concen: 58.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

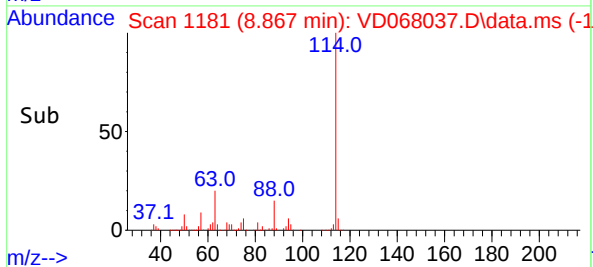
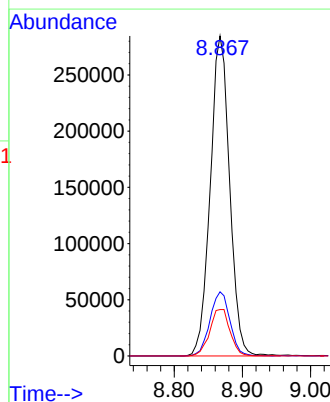
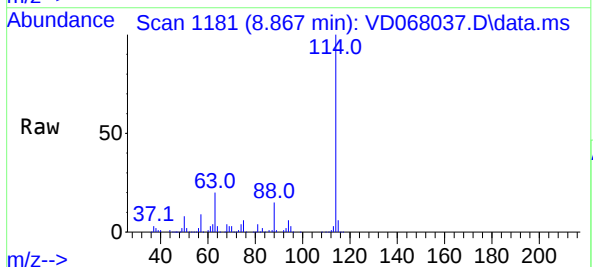
Instrument :
MSVOA_D
ClientSampled :
TP-11

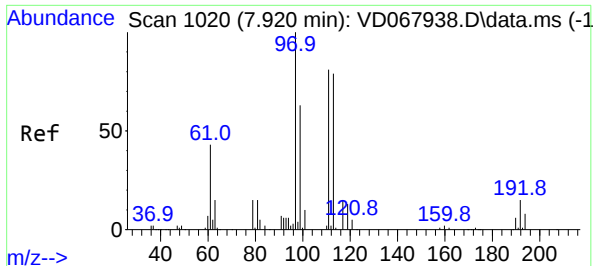
Tgt Ion: 65 Resp: 187848
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 114 Resp: 562667
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.4
88 14.5 0.0 33.2

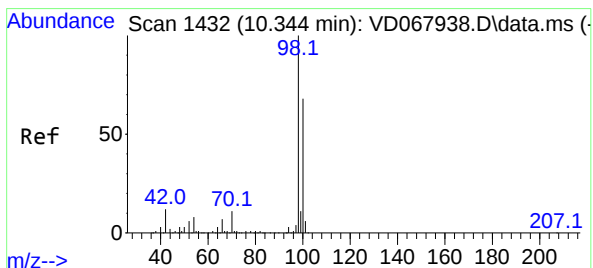
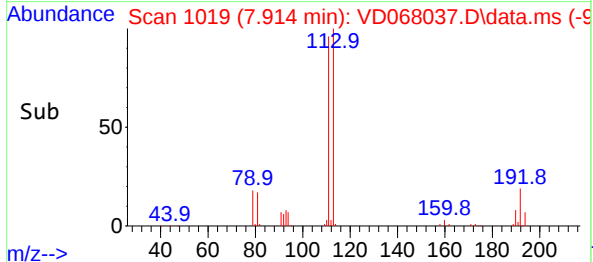
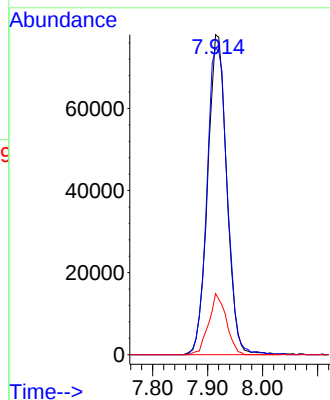
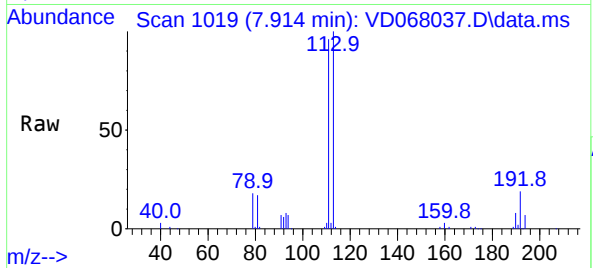




#35
Dibromofluoromethane
Concen: 53.09 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

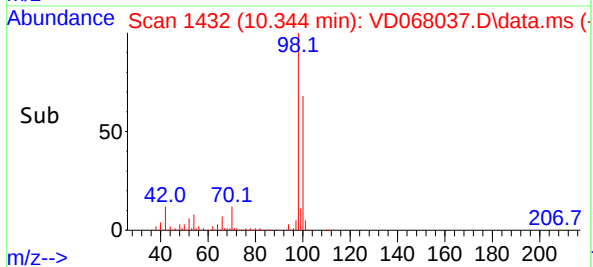
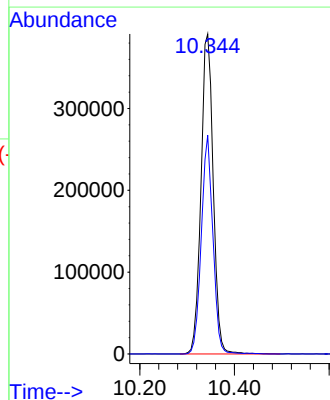
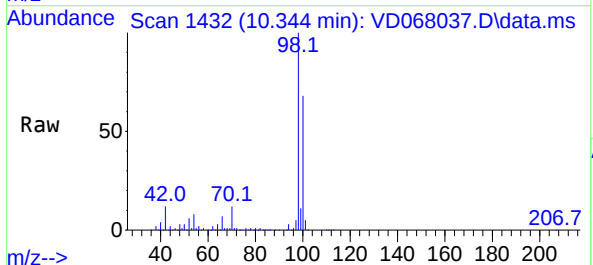
Instrument :
MSVOA_D
ClientSampled :
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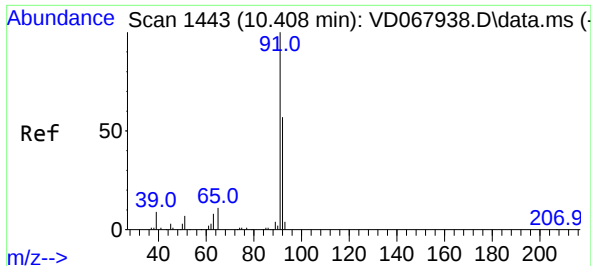
Tgt Ion:113 Resp: 188232
Ion Ratio Lower Upper
113 100
111 101.4 79.3 118.9
192 17.6 14.5 21.7



#50
Toluene-d8
Concen: 52.60 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 98 Resp: 700896
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

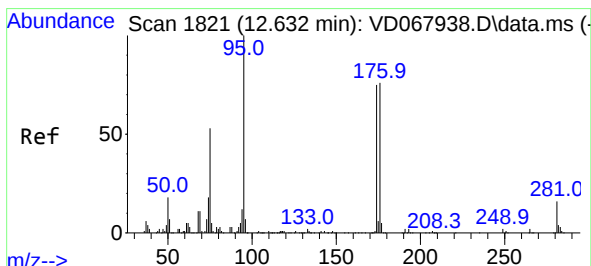
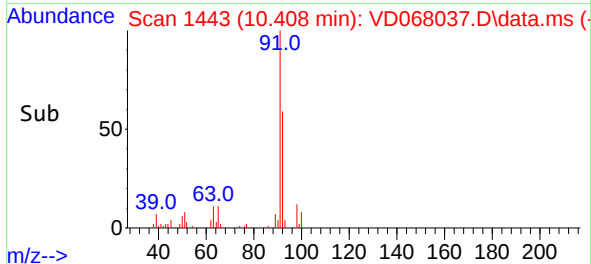
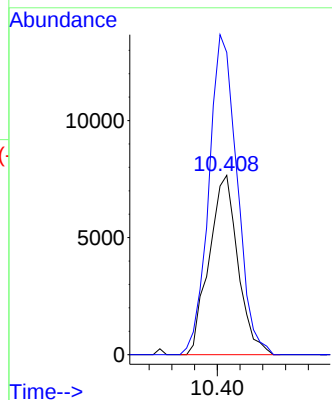
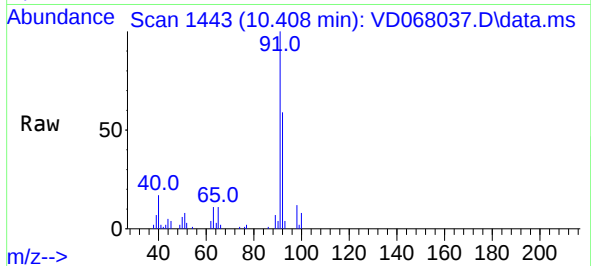




#52
Toluene
Concen: 1.26 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

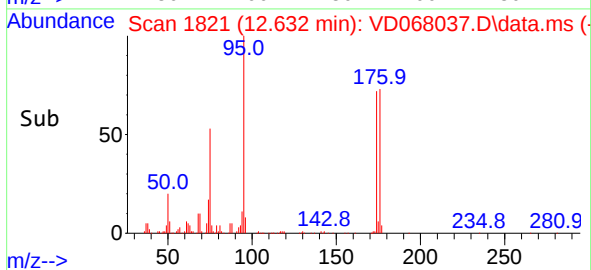
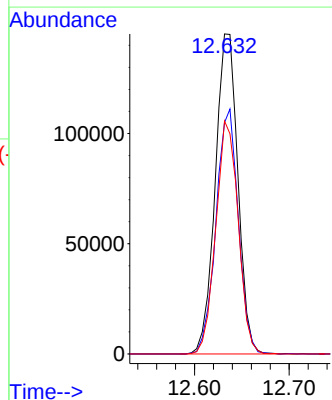
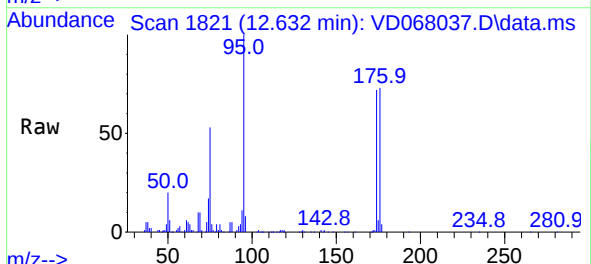
Instrument :
MSVOA_D
ClientSampled :
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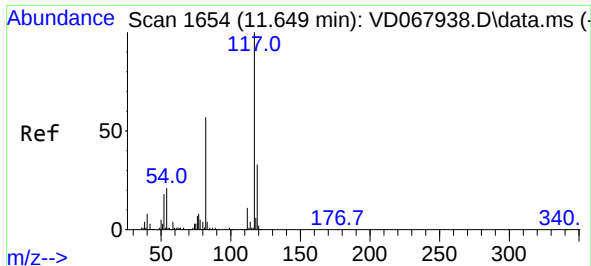
Tgt Ion: 92 Resp: 13512
Ion Ratio Lower Upper
92 100
91 174.8 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 52.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 95 Resp: 241132
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.6
176 71.9 0.0 151.2

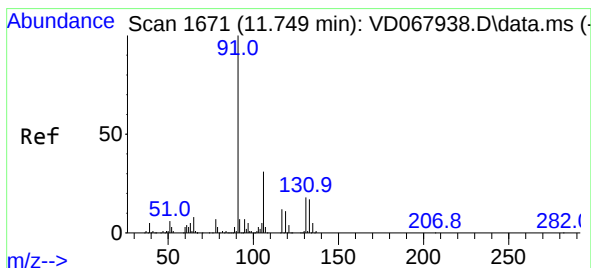
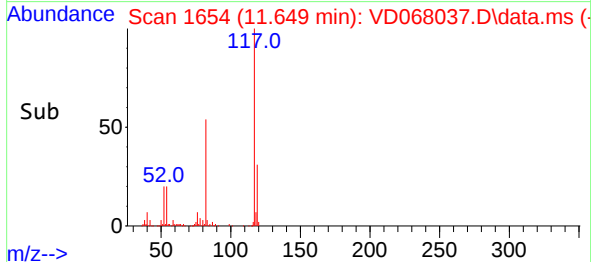
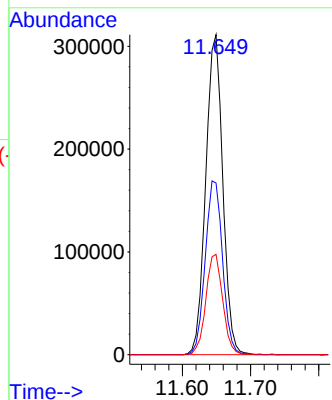
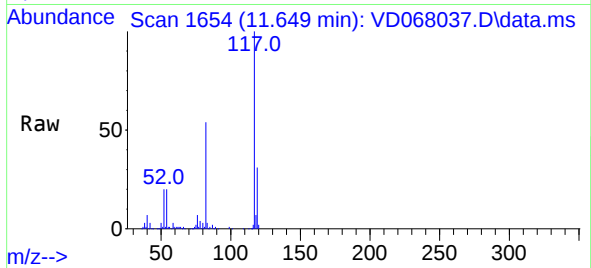




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

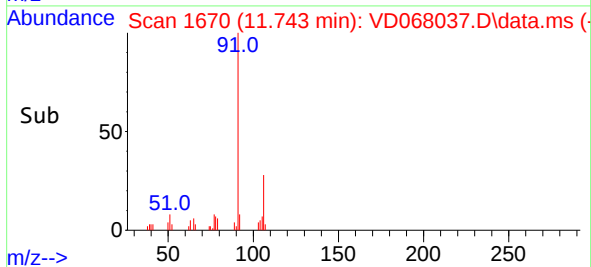
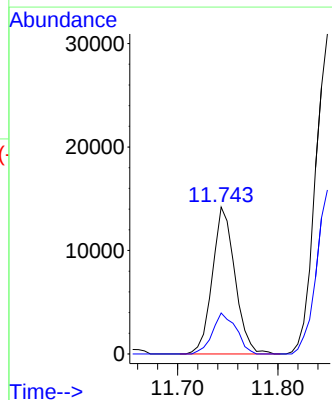
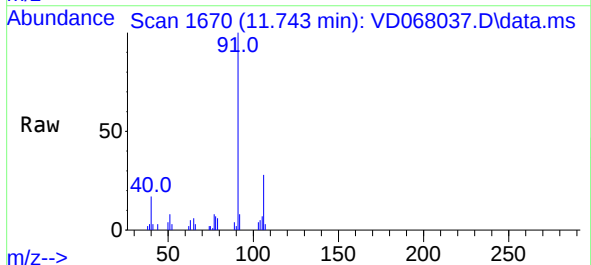
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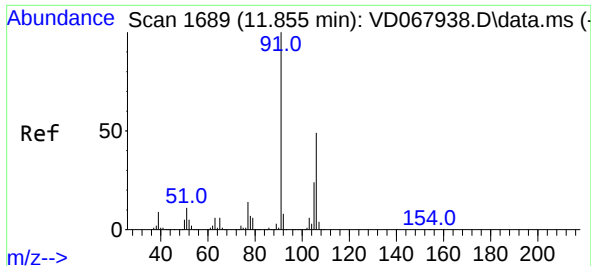
Tgt Ion:117 Resp: 541420
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 31.3 26.7 40.1



#67
Ethyl Benzene
Concen: 1.07 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Tgt Ion: 91 Resp: 22247
Ion Ratio Lower Upper
91 100
106 27.9 24.6 37.0

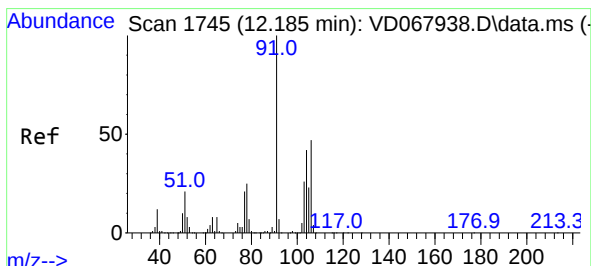
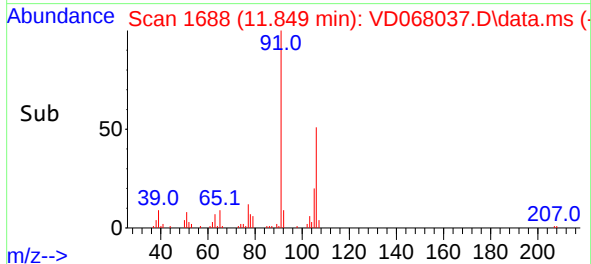
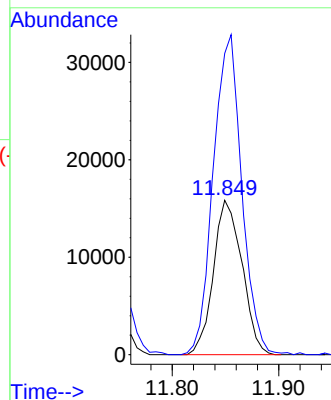
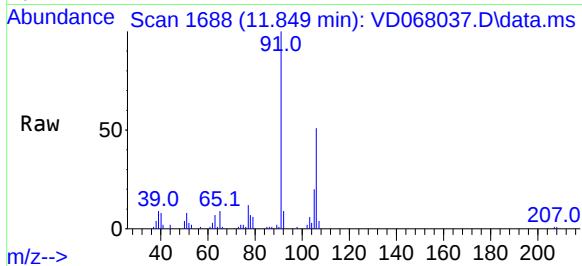




#68
m/p-Xylenes
Concen: 3.73 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

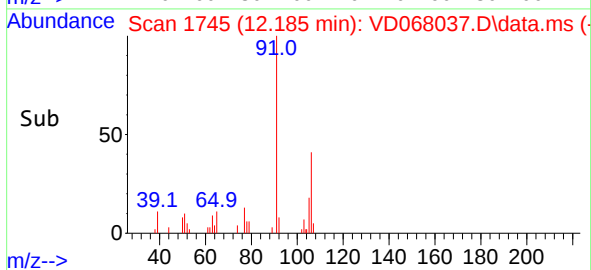
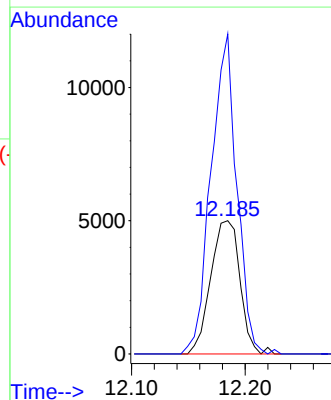
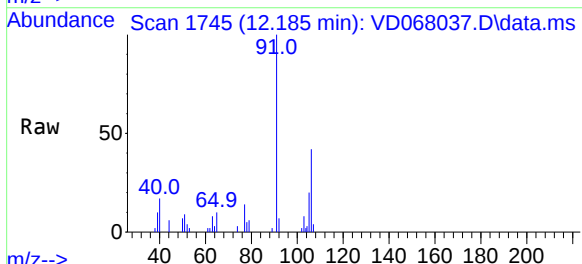
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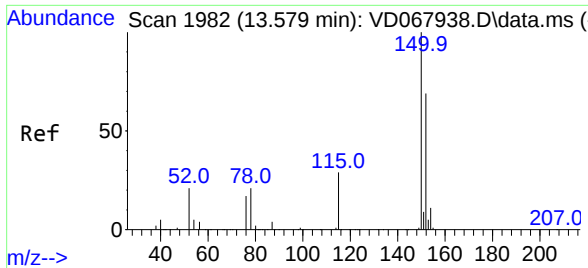
Tgt Ion:106 Resp: 29585
Ion Ratio Lower Upper
106 100
91 206.5 159.9 239.9



#69
o-Xylene
Concen: 1.26 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

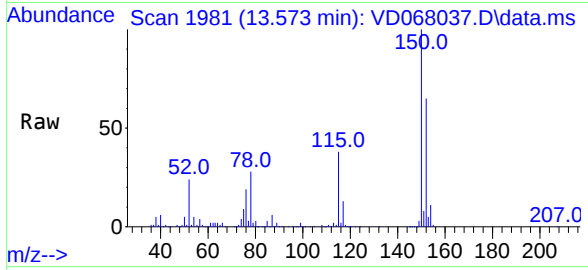
Tgt Ion:106 Resp: 8973
Ion Ratio Lower Upper
106 100
91 211.4 106.0 317.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068037.D
Acq: 07 Jan 2021 16:34

Instrument :
MSVOA_D
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Tgt Ion:152 Resp: 235898
Ion Ratio Lower Upper
152 100
115 59.4 29.3 88.0
150 156.7 0.0 340.0

