

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068033.D
 Acq On : 07 Jan 2021 14:45
 Operator : VA/SY
 Sample : M1044-04
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Jan 08 00:15:17 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)

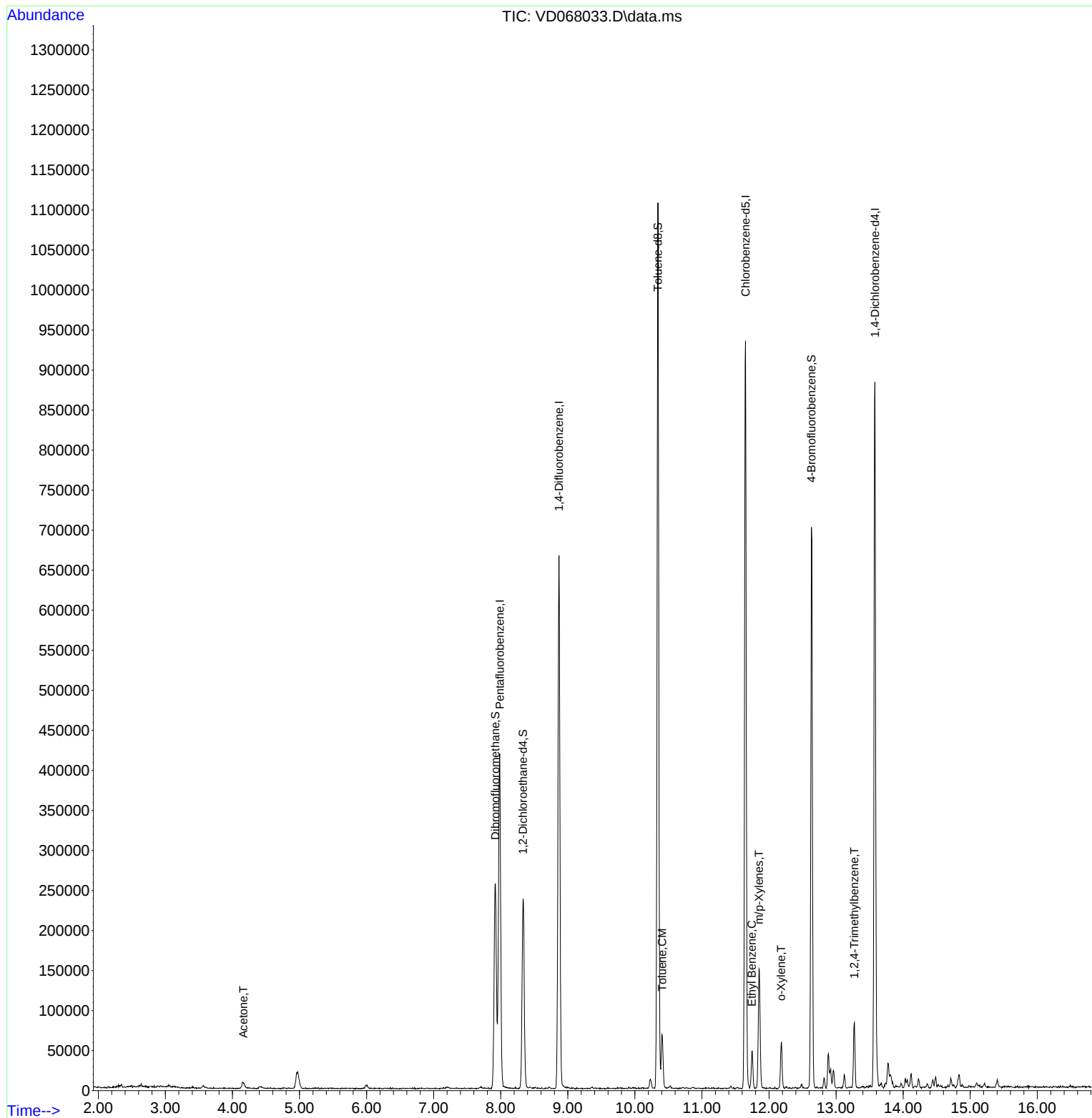
Internal Standards						
1) Pentafluorobenzene	7.985	168	297282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	561523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	535883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	228587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	188858	58.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.66%	
35) Dibromofluoromethane	7.920	113	189565	53.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.16%	
50) Toluene-d8	10.344	98	724404	54.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.94%	
62) 4-Bromofluorobenzene	12.632	95	235092	51.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.36%	
Target Compounds						
						Qvalue
16) Acetone	4.162	43	13367	21.81	ug/l	# 89
52) Toluene	10.408	92	27777	2.60	ug/l	99
67) Ethyl Benzene	11.744	91	31967	1.55	ug/l	96
68) m/p-Xylenes	11.850	106	48722	6.20	ug/l	96
69) o-Xylene	12.179	106	15243	2.17	ug/l	98
84) 1,2,4-Trimethylbenzene	13.273	105	43635	3.09	ug/l	96

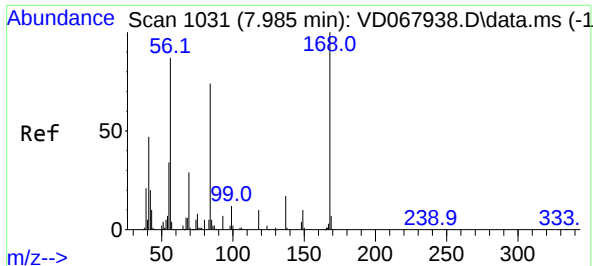
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
TP-4

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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

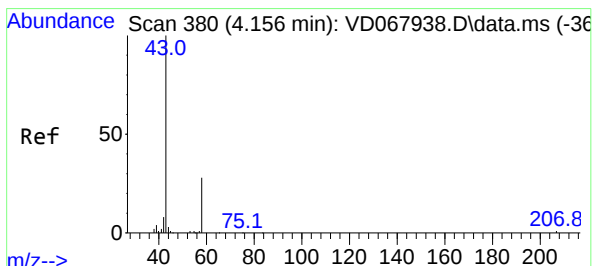
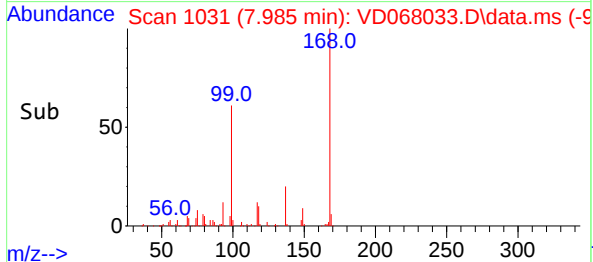
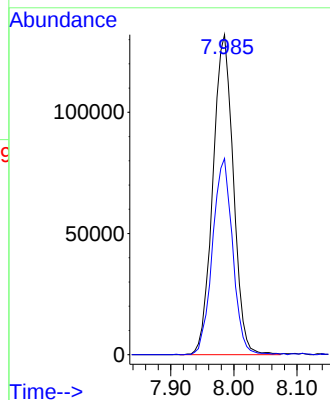
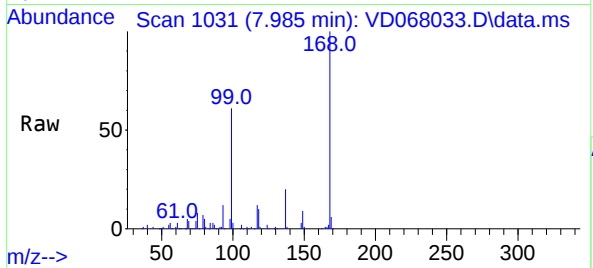




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

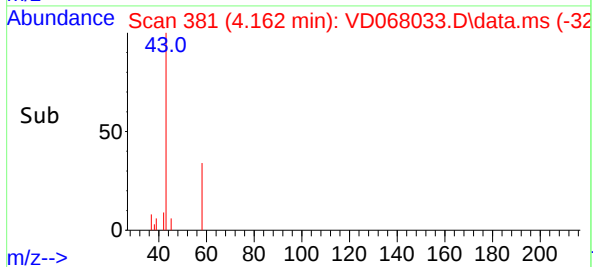
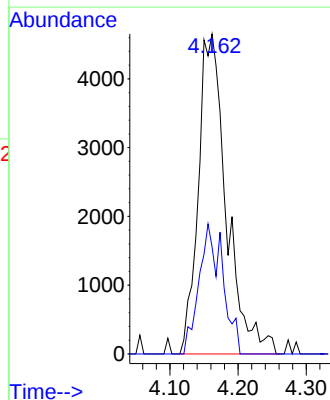
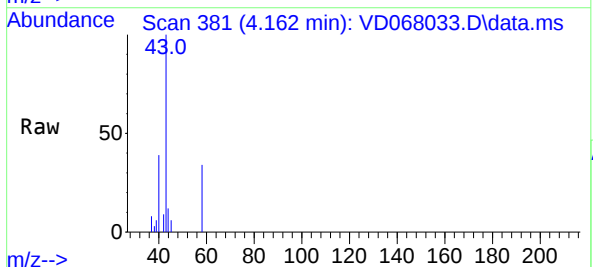
Instrument :
MSVOA_D
ClientSampled :
TP-4

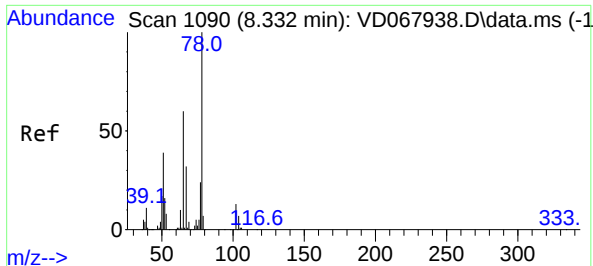
Tgt Ion:168 Resp: 297282
Ion Ratio Lower Upper
168 100
99 61.3 48.0 72.0



#16
Acetone
Concen: 21.81 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

Tgt Ion: 43 Resp: 13367
Ion Ratio Lower Upper
43 100
58 33.5 22.3 33.5#

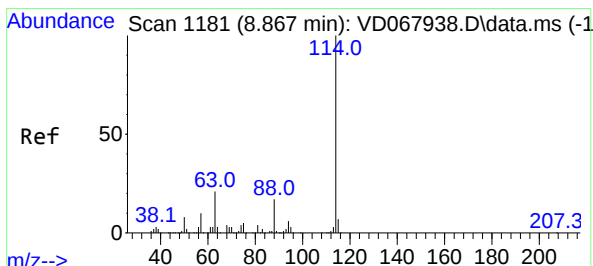
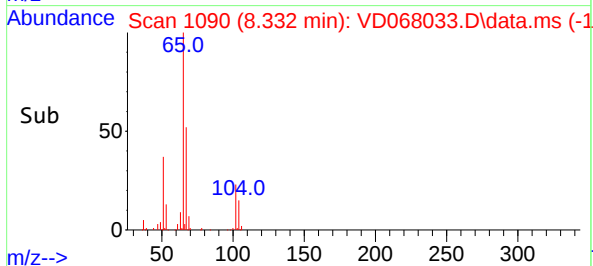
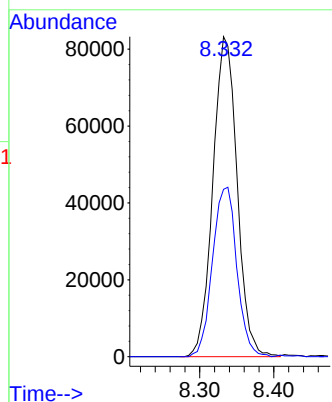
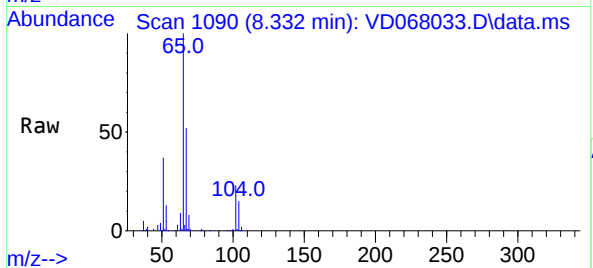




#33
1,2-Dichloroethane-d4
Concen: 58.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

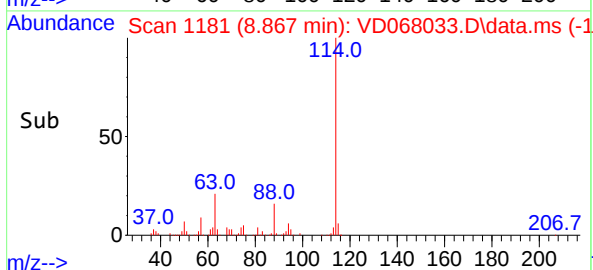
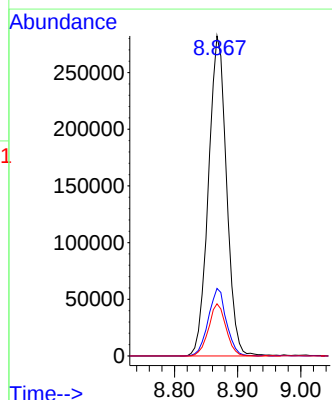
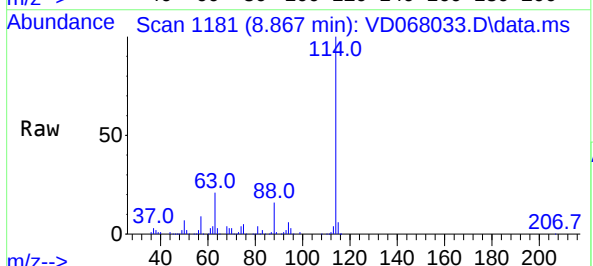
Instrument :
MSVOA_D
ClientSampled :
TP-4

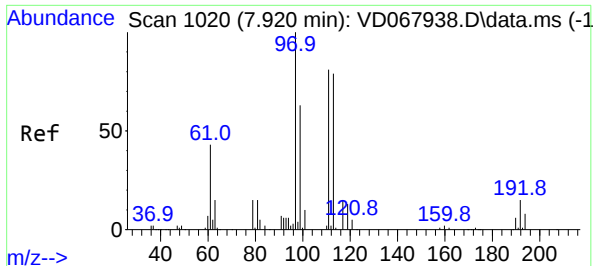
Tgt Ion: 65 Resp: 188858
Ion Ratio Lower Upper
65 100
67 53.2 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

Tgt Ion: 114 Resp: 561523
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.4
88 16.3 0.0 33.2



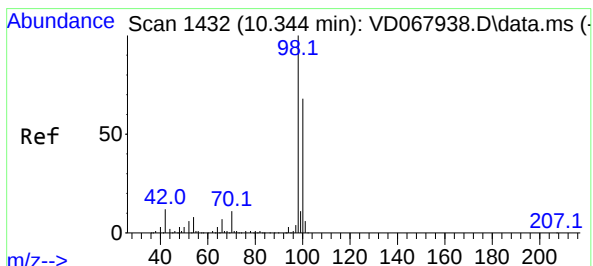
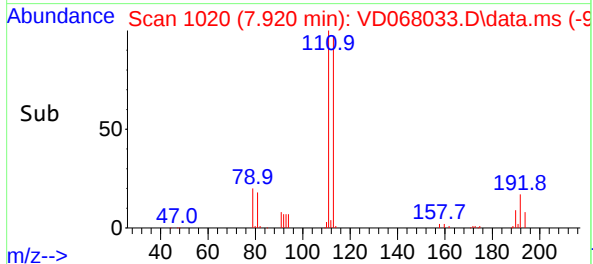
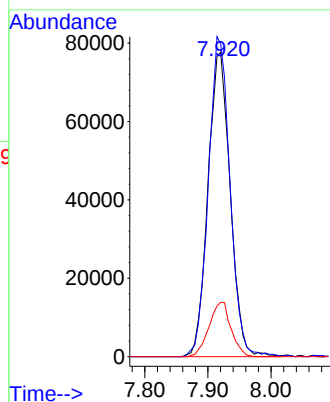
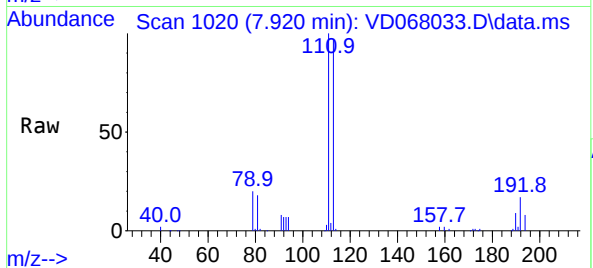


#35

Dibromofluoromethane
Concen: 53.58 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

Instrument :
MSVOA_D
ClientSampled :
TP-4

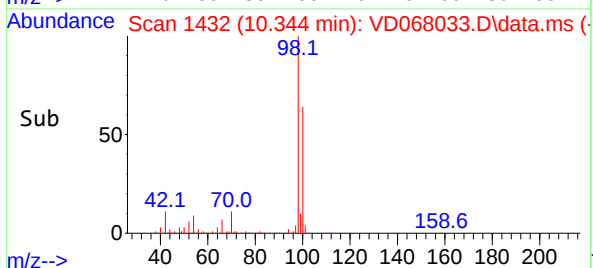
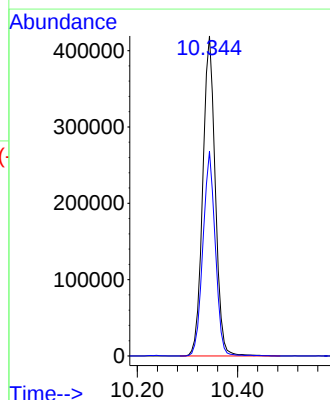
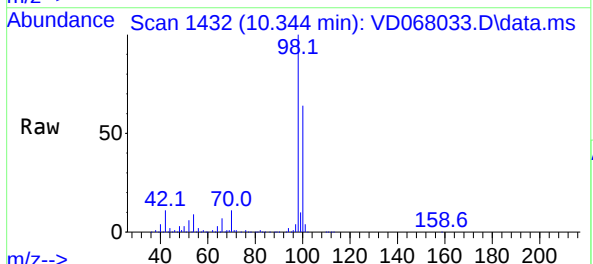
Tgt Ion:113 Resp: 189565
Ion Ratio Lower Upper
113 100
111 102.6 79.3 118.9
192 17.7 14.5 21.7

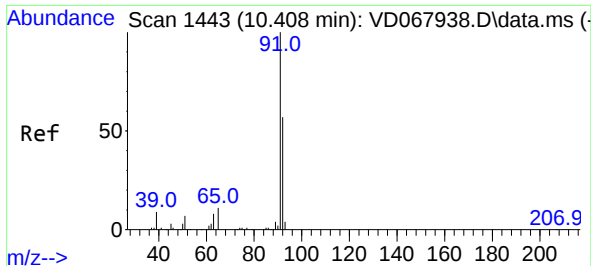


#50

Toluene-d8
Concen: 54.47 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

Tgt Ion: 98 Resp: 724404
Ion Ratio Lower Upper
98 100
100 63.2 52.5 78.7

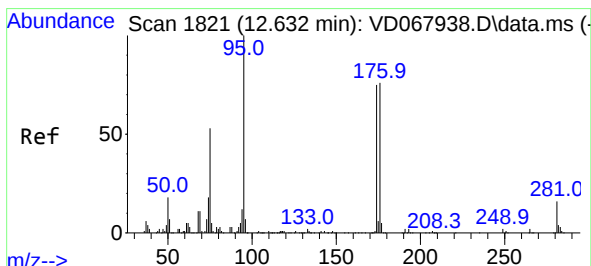
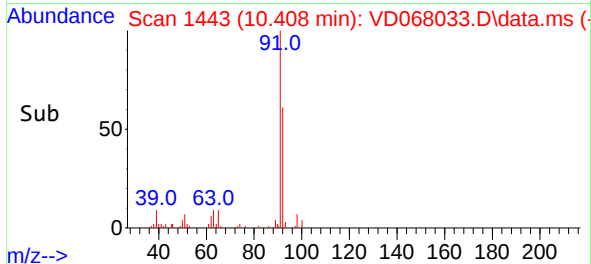
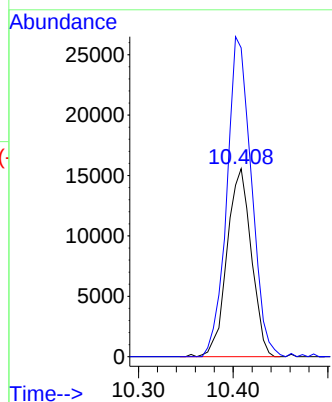
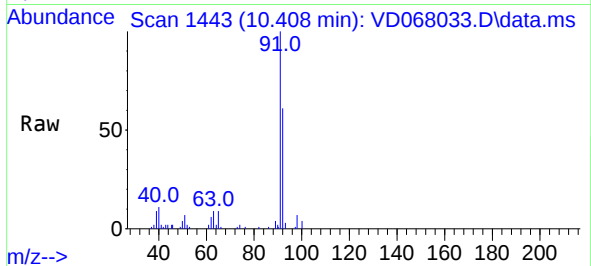




#52
Toluene
Concen: 2.60 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

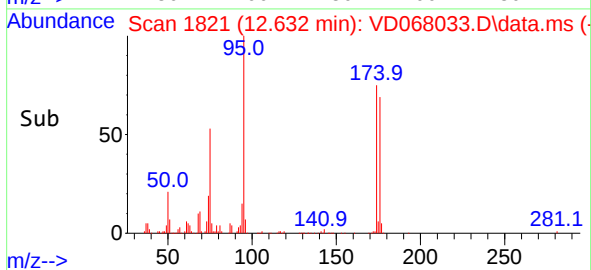
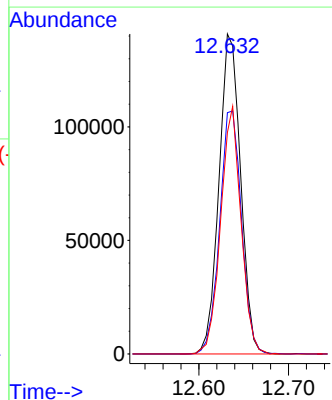
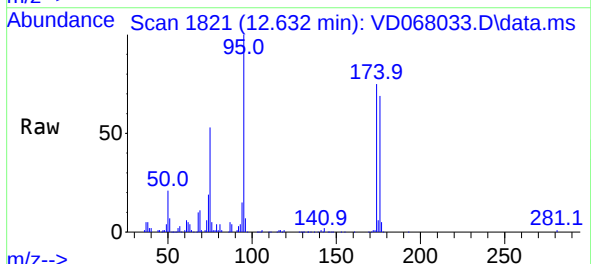
Instrument :
MSVOA_D
ClientSampled :
TP-4

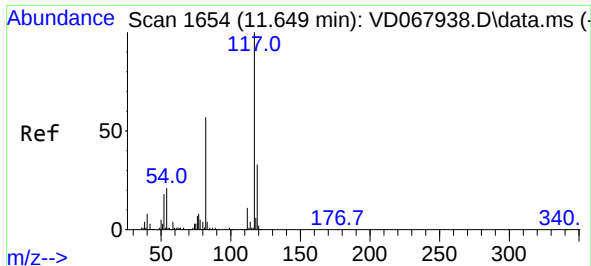
Tgt Ion: 92 Resp: 27777
Ion Ratio Lower Upper
92 100
91 171.4 138.5 207.7



#62
4-Bromofluorobenzene
Concen: 51.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

Tgt Ion: 95 Resp: 235092
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.6
176 72.8 0.0 151.2

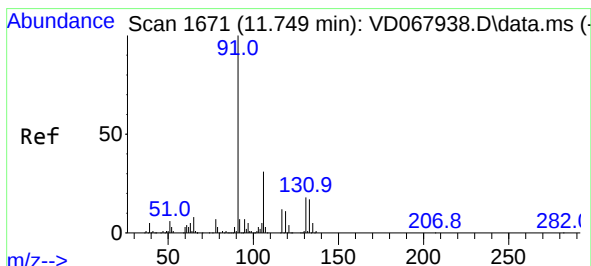
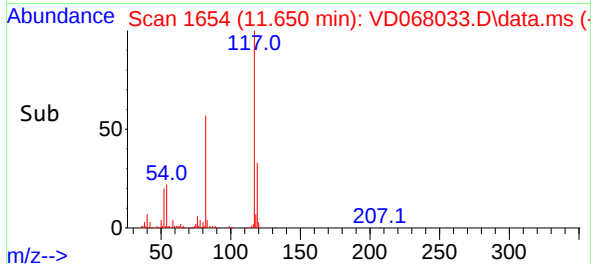
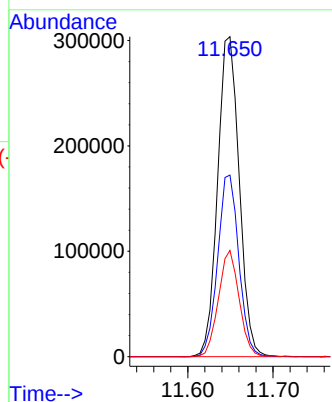
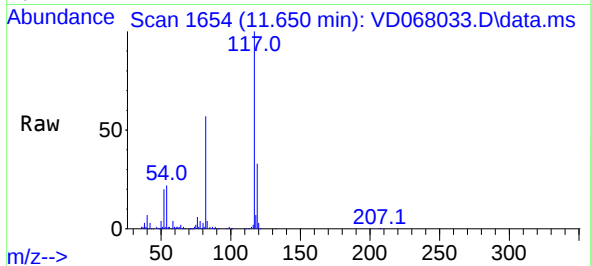




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

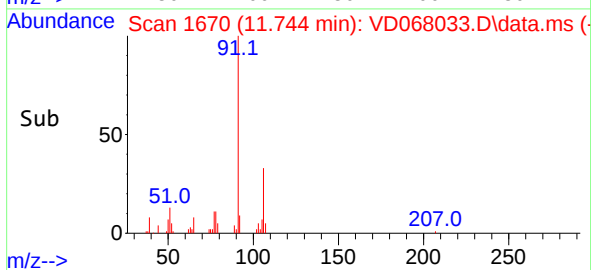
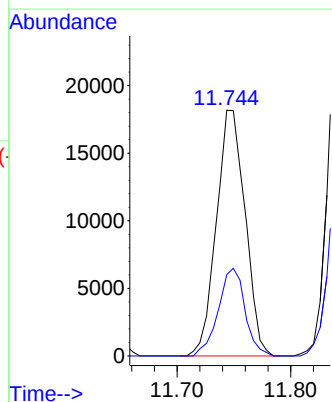
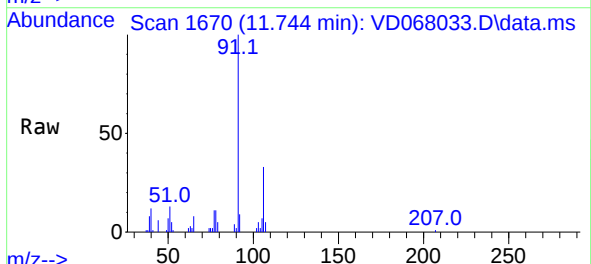
Instrument :
MSVOA_D
ClientSampled :
TP-4

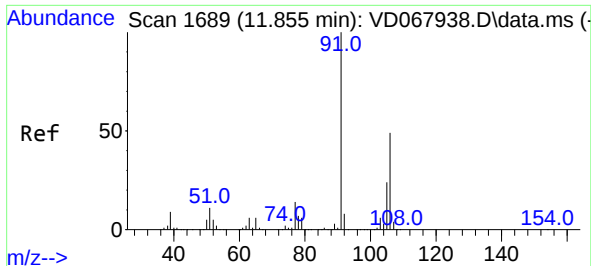
Tgt Ion:117 Resp: 535883
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 33.2 26.7 40.1



#67
Ethyl Benzene
Concen: 1.55 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

Tgt Ion: 91 Resp: 31967
Ion Ratio Lower Upper
91 100
106 33.1 24.6 37.0

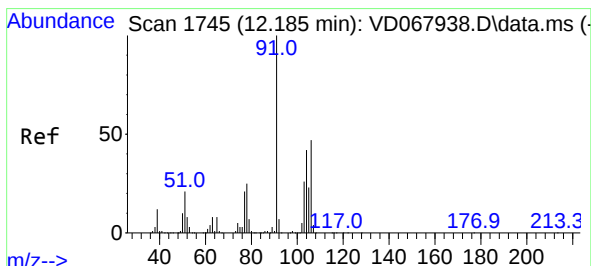
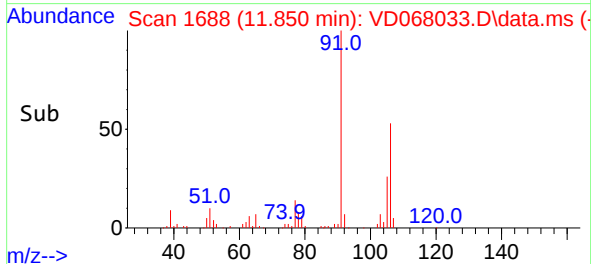
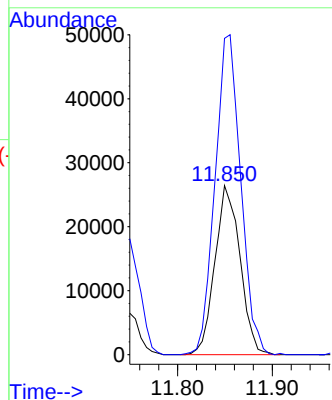
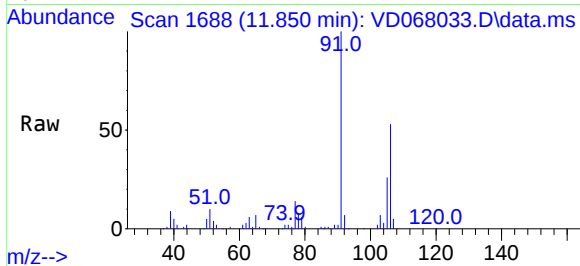




#68
m/p-Xylenes
Concen: 6.20 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

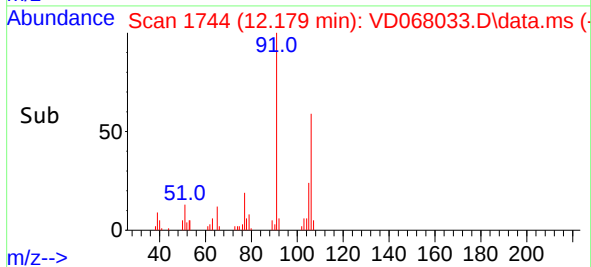
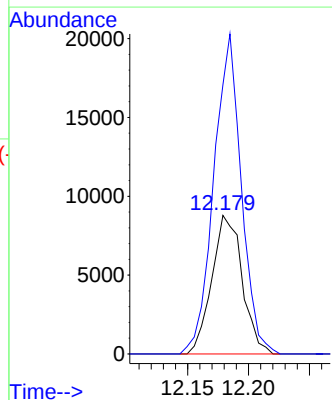
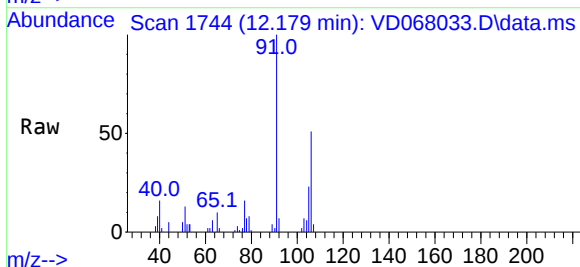
Instrument :
MSVOA_D
ClientSampled :
TP-4

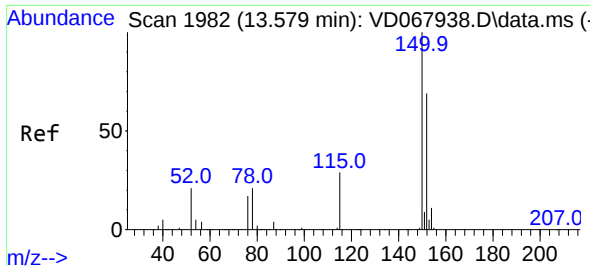
Tgt Ion:106 Resp: 48722
Ion Ratio Lower Upper
106 100
91 193.6 159.9 239.9



#69
o-Xylene
Concen: 2.17 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

Tgt Ion:106 Resp: 15243
Ion Ratio Lower Upper
106 100
91 209.4 106.0 317.9

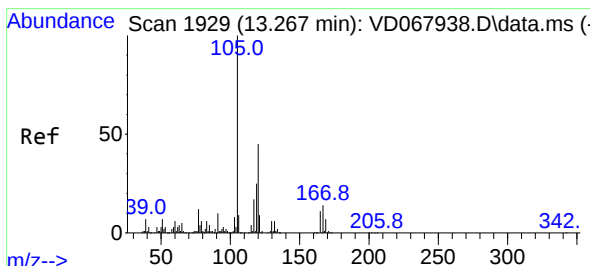
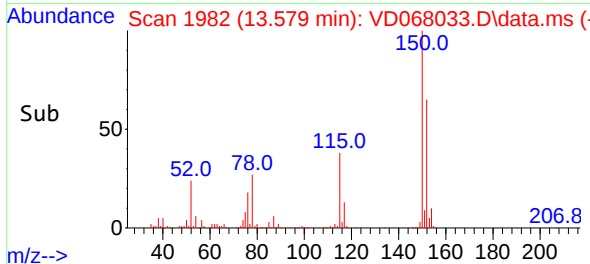
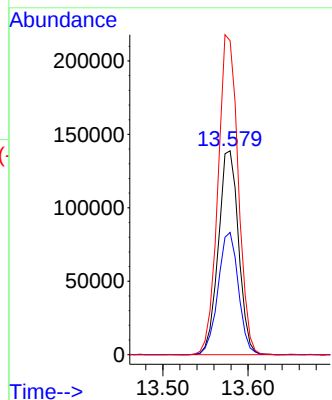
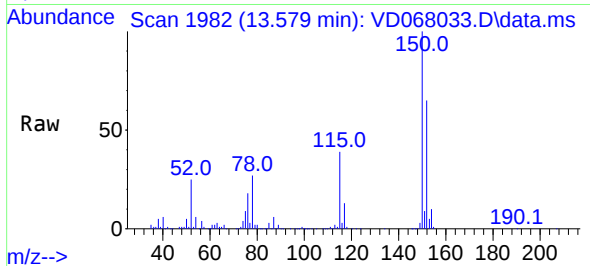




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tgt Ion:152 Resp: 228587
Ion Ratio Lower Upper
152 100
115 60.6 29.3 88.0
150 157.0 0.0 340.0



#84
1,2,4-Trimethylbenzene
Concen: 3.09 ug/l
RT: 13.273 min Scan# 1930
Delta R.T. 0.006 min
Lab File: VD068033.D
Acq: 07 Jan 2021 14:45

Tgt Ion:105 Resp: 43635
Ion Ratio Lower Upper
105 100
120 47.7 22.7 68.0

