

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068035.D
 Acq On : 07 Jan 2021 15:39
 Operator : VA/SY
 Sample : M1044-08
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

Quant Time: Jan 08 00:15:44 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)

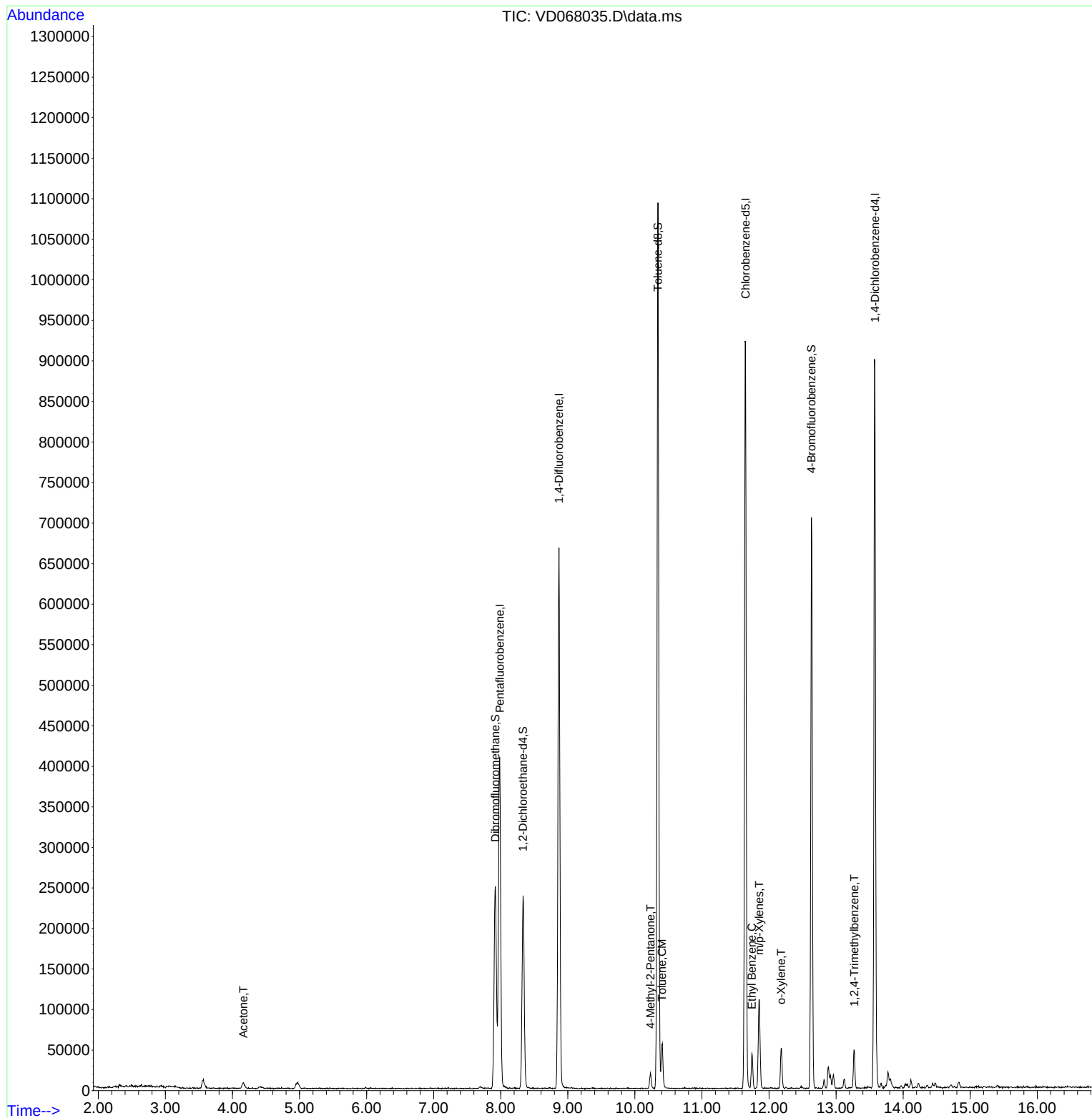
Internal Standards						
1) Pentafluorobenzene	7.985	168	296059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	558786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	529669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	230657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	187002	58.49	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.98%			
35) Dibromofluoromethane	7.920	113	187758	53.33	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.66%			
50) Toluene-d8	10.344	98	708765	53.56	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.12%			
62) 4-Bromofluorobenzene	12.632	95	232383	51.33	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.66%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	12031	19.71	ug/l	96
51) 4-Methyl-2-Pentanone	10.232	43	13060	5.72	ug/l	99
52) Toluene	10.403	92	22355	2.10	ug/l	94
67) Ethyl Benzene	11.744	91	30073	1.48	ug/l	92
68) m/p-Xylenes	11.855	106	34073	4.39	ug/l	95
69) o-Xylene	12.179	106	13325	1.92	ug/l	100
84) 1,2,4-Trimethylbenzene	13.273	105	25493	1.79	ug/l	99

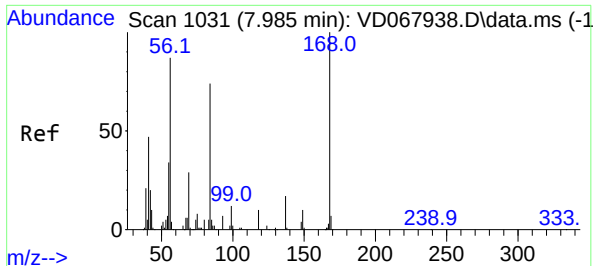
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

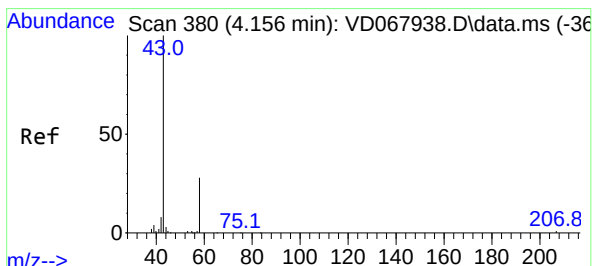
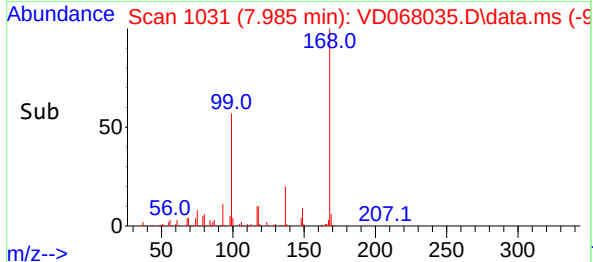
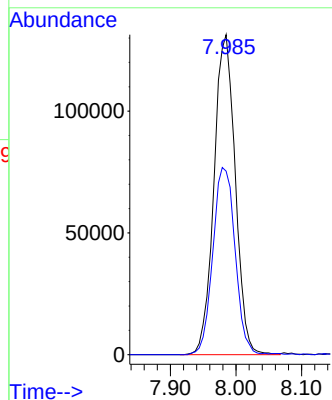
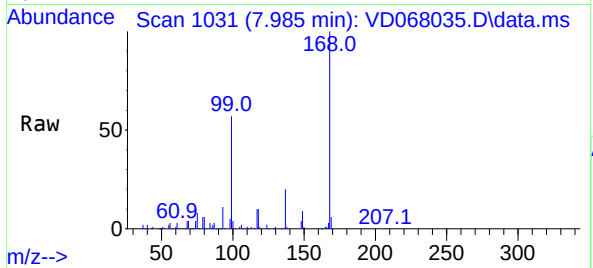




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

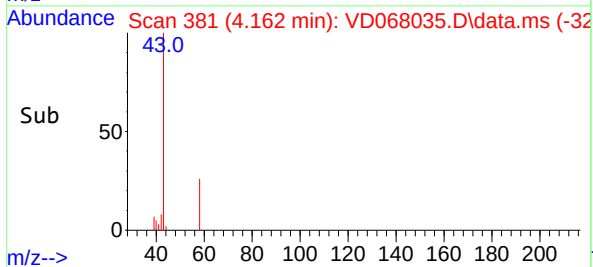
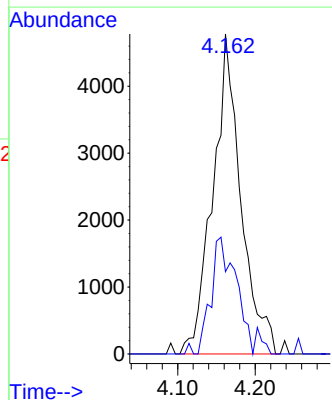
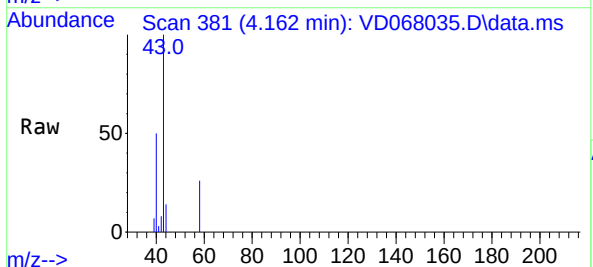
Instrument :
MSVOA_D
ClientSampled :
TP-8

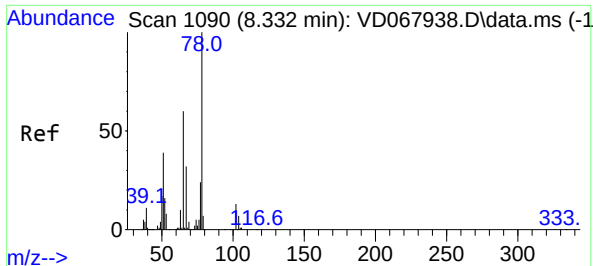
Tgt Ion:168 Resp: 296059
Ion Ratio Lower Upper
168 100
99 57.3 48.0 72.0



#16
Acetone
Concen: 19.71 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

Tgt Ion: 43 Resp: 12031
Ion Ratio Lower Upper
43 100
58 25.7 22.3 33.5

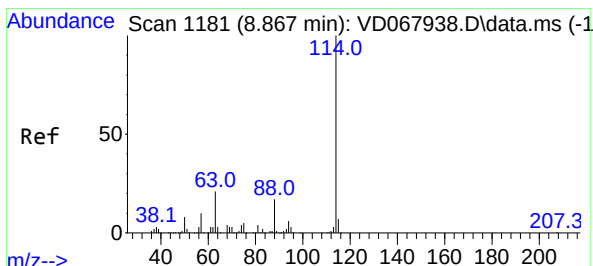
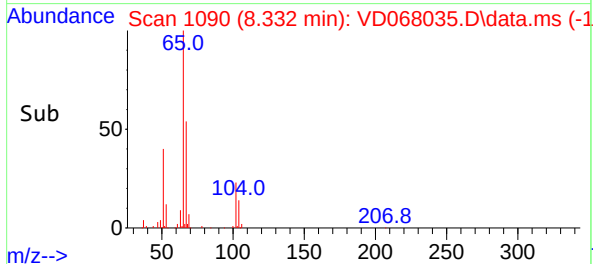
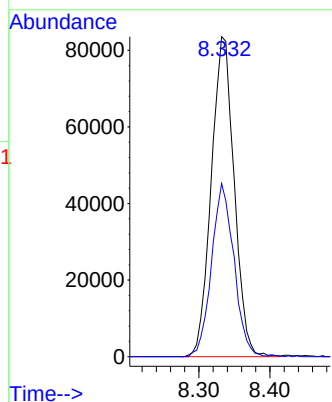
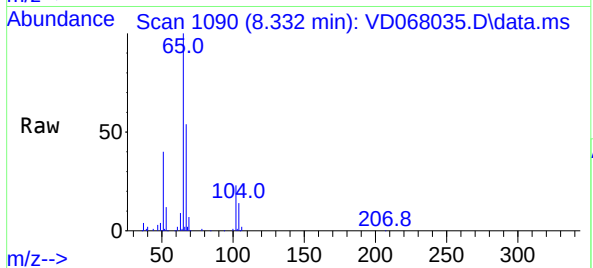




#33
1,2-Dichloroethane-d4
Concen: 58.49 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

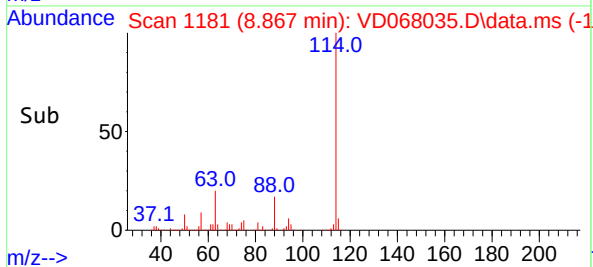
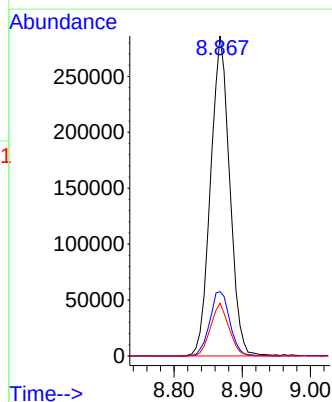
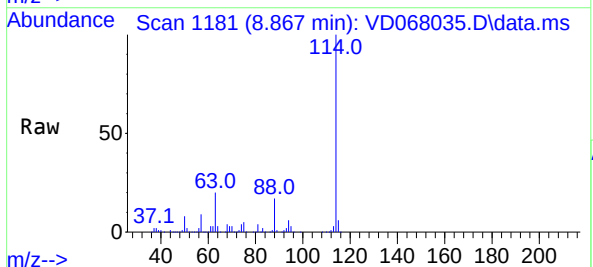
Instrument :
MSVOA_D
ClientSampled :
TP-8

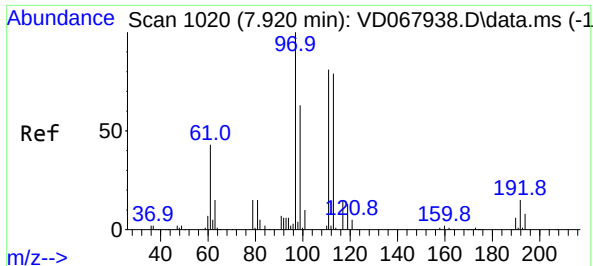
Tgt Ion: 65 Resp: 187002
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

Tgt Ion: 114 Resp: 558786
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.4
88 16.5 0.0 33.2

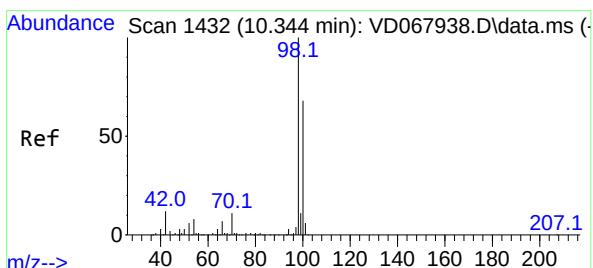
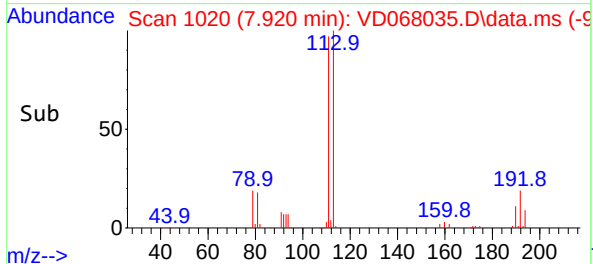
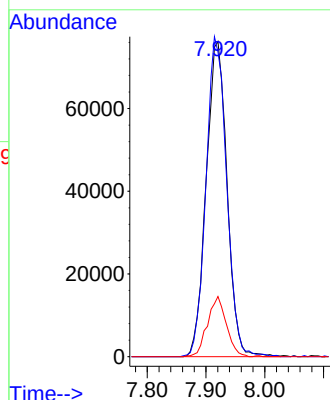
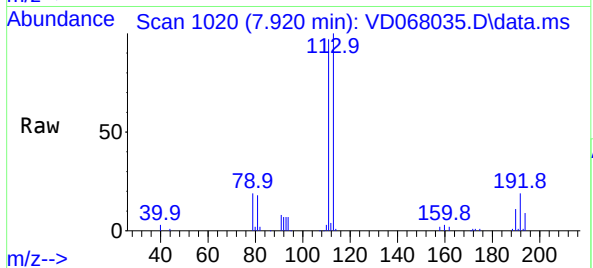




#35
Dibromofluoromethane
Concen: 53.33 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

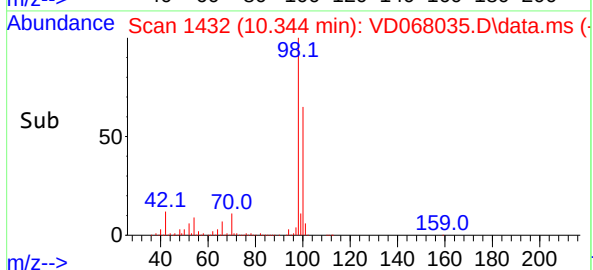
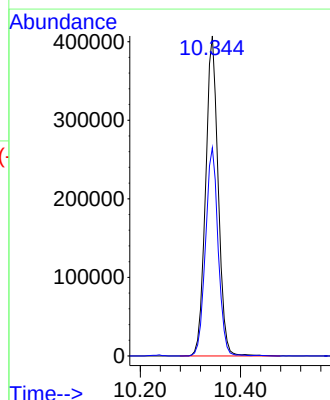
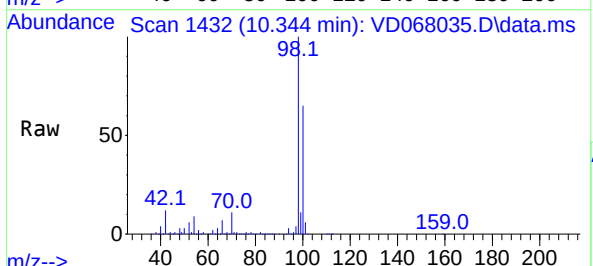
Instrument :
MSVOA_D
ClientSampled :
TP-8

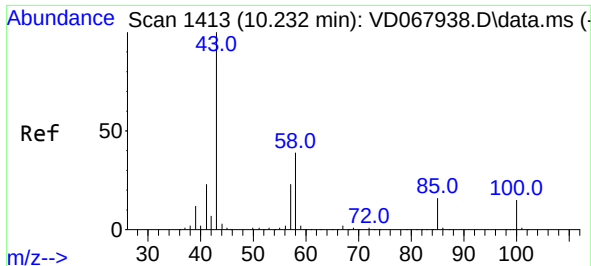
Tgt Ion:113 Resp: 187758
Ion Ratio Lower Upper
113 100
111 100.4 79.3 118.9
192 17.3 14.5 21.7



#50
Toluene-d8
Concen: 53.56 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

Tgt Ion: 98 Resp: 708765
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

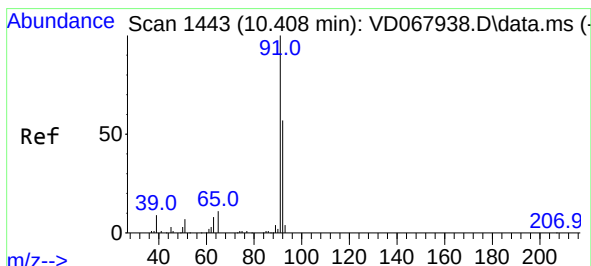
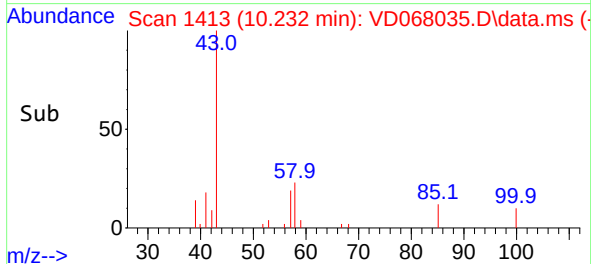
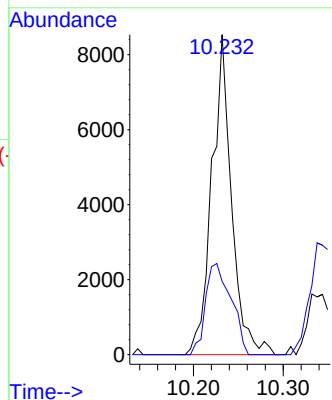
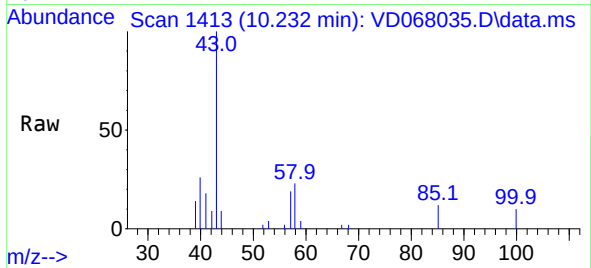




#51
4-Methyl-2-Pentanone
Concen: 5.72 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

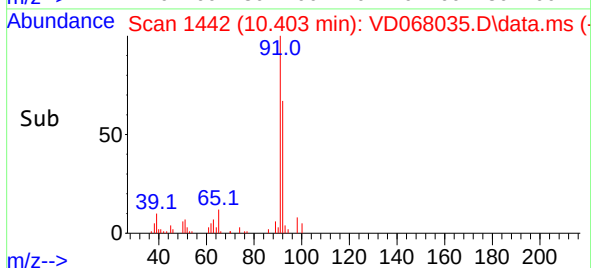
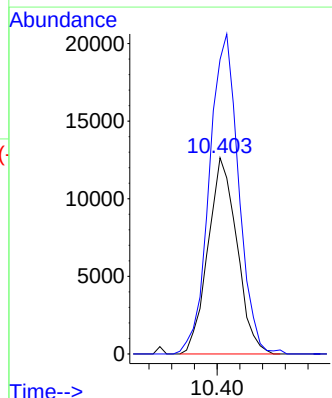
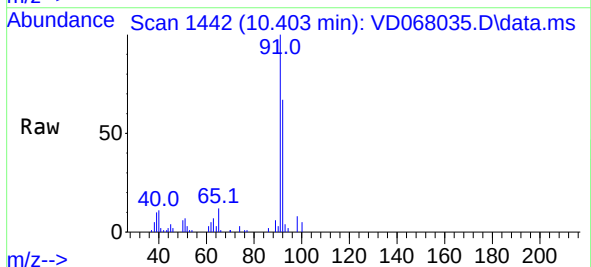
Instrument :
MSVOA_D
ClientSampled :
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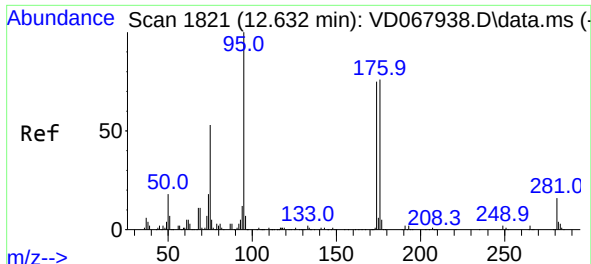
Tgt Ion: 43 Resp: 13060
Ion Ratio Lower Upper
43 100
58 36.8 30.0 45.0



#52
Toluene
Concen: 2.10 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

Tgt Ion: 92 Resp: 22355
Ion Ratio Lower Upper
92 100
91 165.2 138.5 207.7

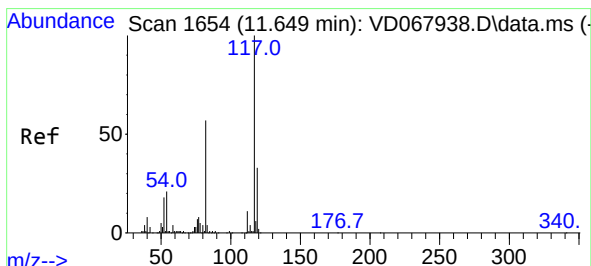
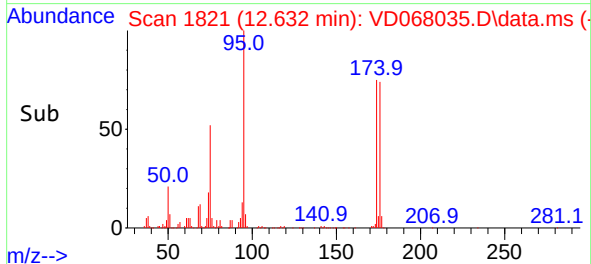
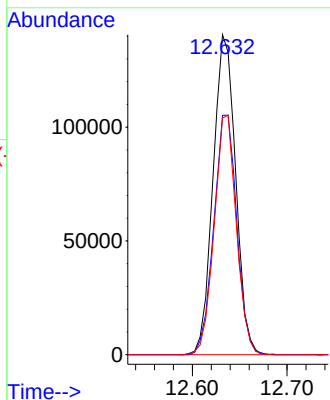
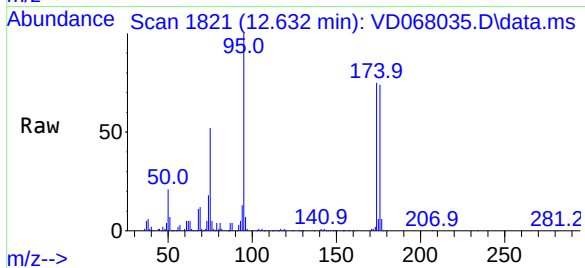




#62
4-Bromofluorobenzene
Concen: 51.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

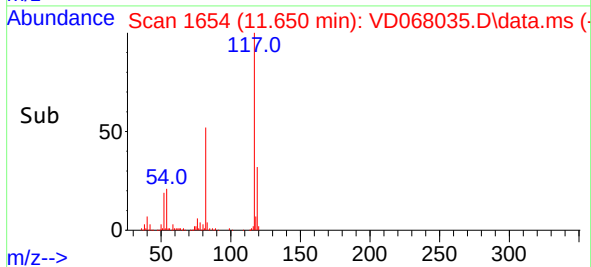
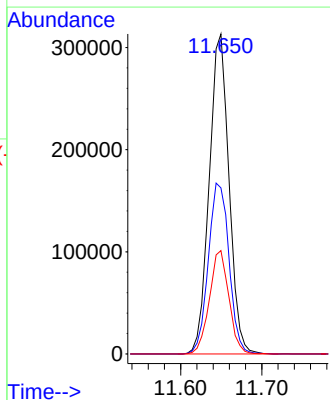
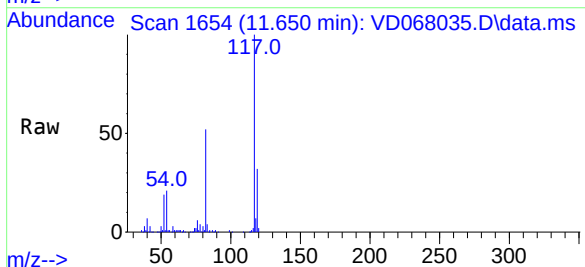
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ClientSampleId :
TP-8

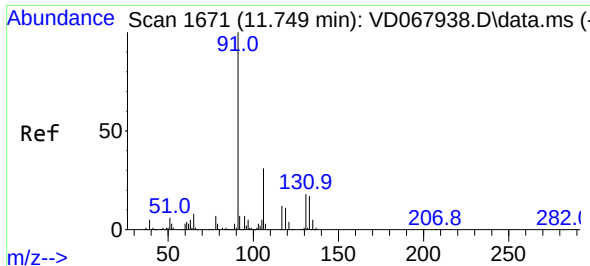
Tgt Ion: 95 Resp: 232383
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.6
176 73.4 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

Tgt Ion: 117 Resp: 529669
Ion Ratio Lower Upper
117 100
82 51.9 45.4 68.0
119 32.3 26.7 40.1

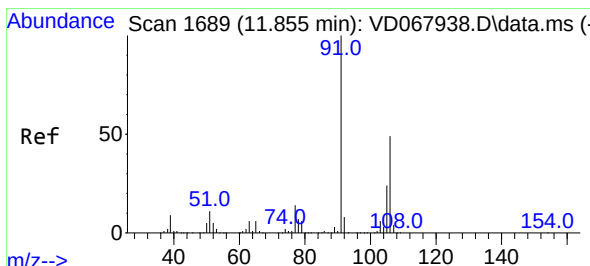
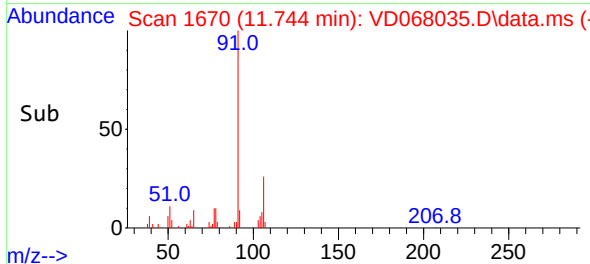
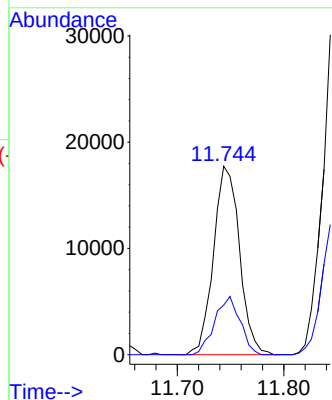
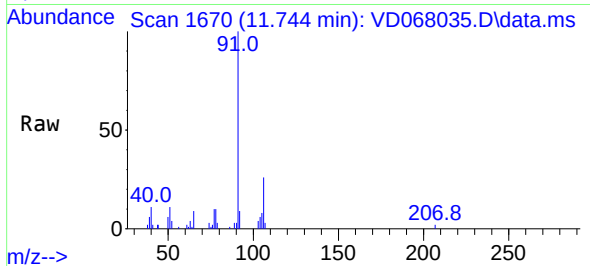




#67
Ethyl Benzene
Concen: 1.48 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

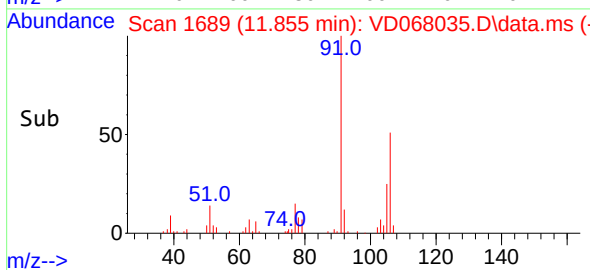
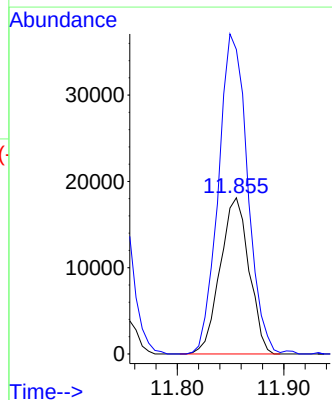
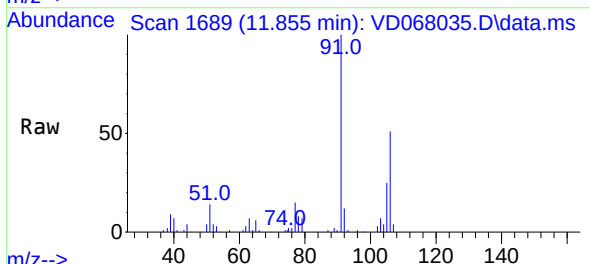
Instrument :
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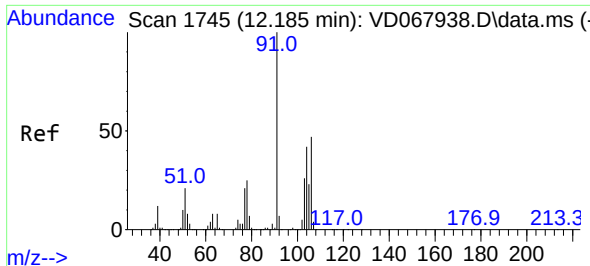
Tgt Ion: 91 Resp: 30073
Ion Ratio Lower Upper
91 100
106 26.3 24.6 37.0



#68
m/p-Xylenes
Concen: 4.39 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

Tgt Ion:106 Resp: 34073
Ion Ratio Lower Upper
106 100
91 207.7 159.9 239.9

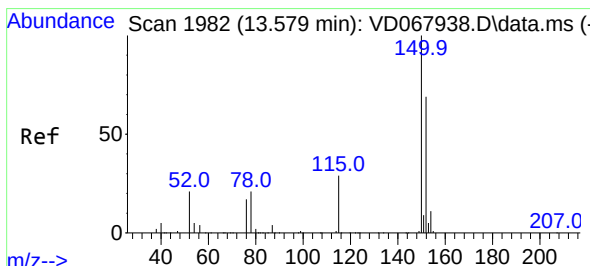
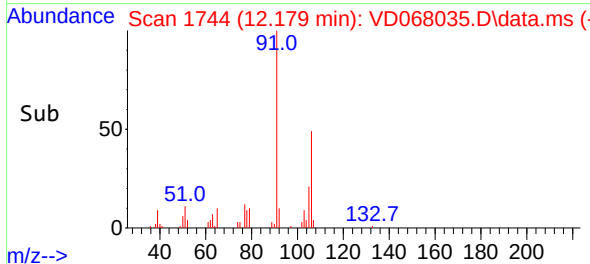
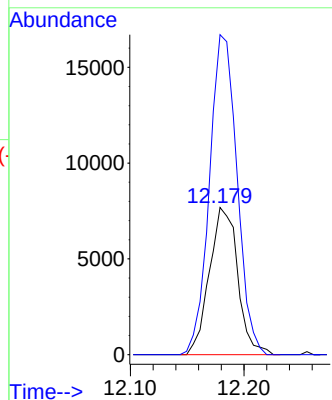
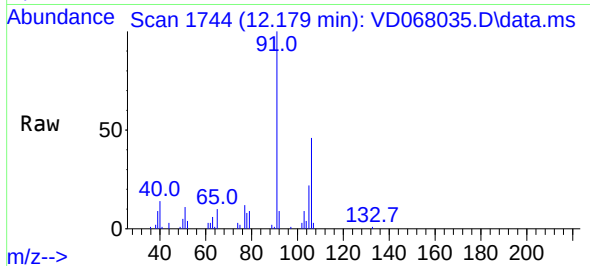




#69
o-Xylene
Concen: 1.92 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

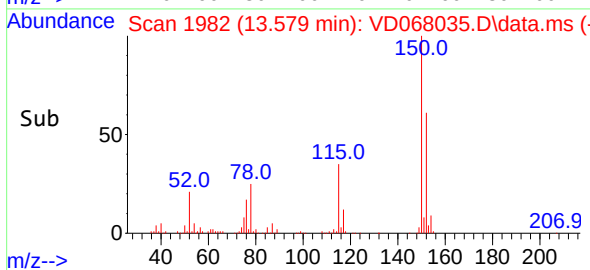
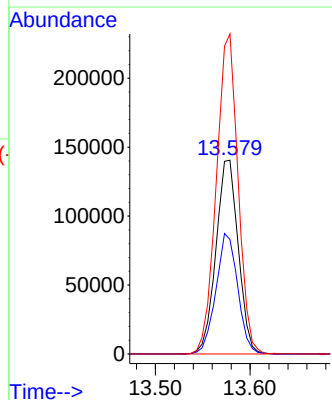
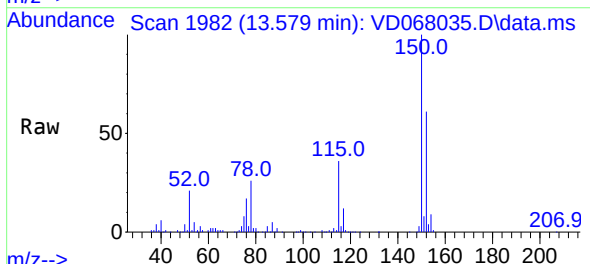
Instrument :
MSVOA_D
ClientSampled :
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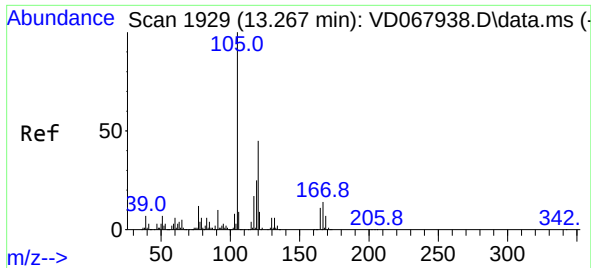
Tgt Ion:106 Resp: 13325
Ion Ratio Lower Upper
106 100
91 211.6 106.0 317.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068035.D
Acq: 07 Jan 2021 15:39

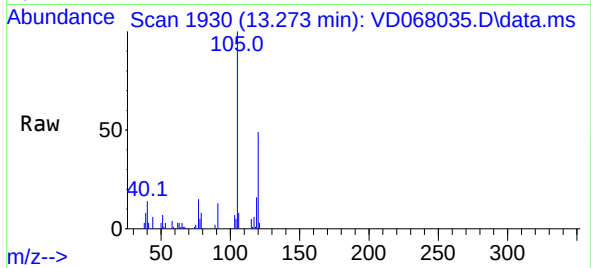
Tgt Ion:152 Resp: 230657
Ion Ratio Lower Upper
152 100
115 60.8 29.3 88.0
150 160.4 0.0 340.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.79 ug/l
 RT: 13.273 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: VD068035.D
 Acq: 07 Jan 2021 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:105 Resp: 25493
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.0

