

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067152.D
 Acq On : 07 Oct 2020 15:06
 Operator : VA/SY
 Sample : L4273-15
 Misc : 5.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8

Quant Time: Oct 08 08:07:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

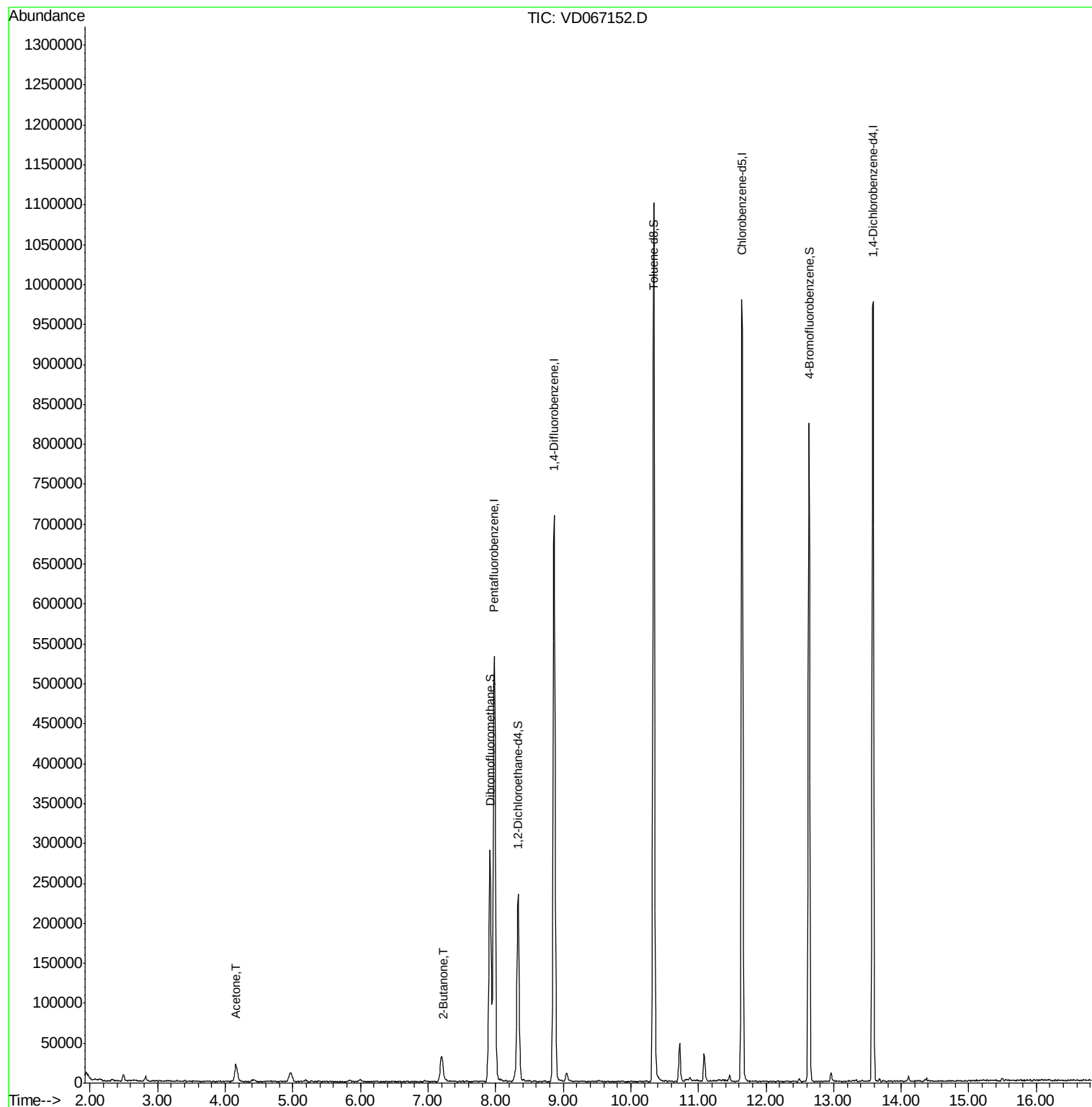
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	407014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	650494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	602428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	193042	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
35) Dibromofluoromethane	7.92	113	209646	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.34	98	760761	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.64	95	247909	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
Target Compounds						
16) Acetone	4.16	43	39866	66.616	ug/l	96
25) 2-Butanone	7.23	43	8773	10.340	ug/l	90

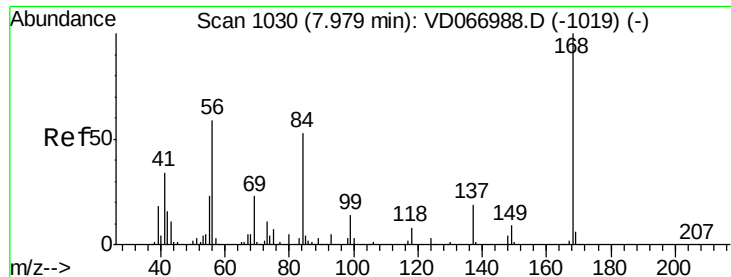
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067152.D

Acq: 07 Oct 2020 15:06

Instrument :

MSVOA_D

ClientSampled :

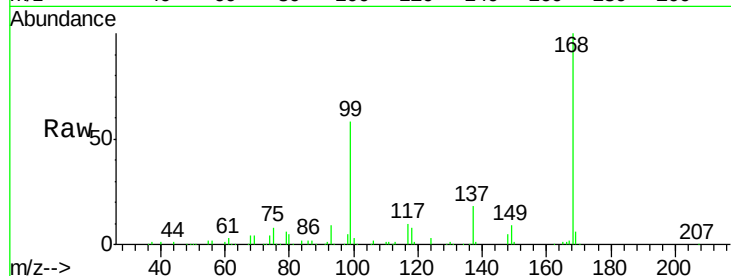
SB-8

Tot Ion:168 Resp: 407014

Ion Ratio Lower Upper

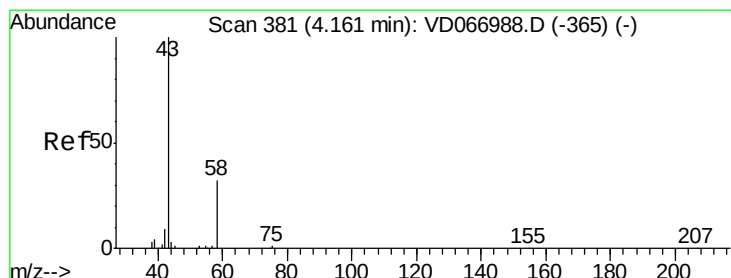
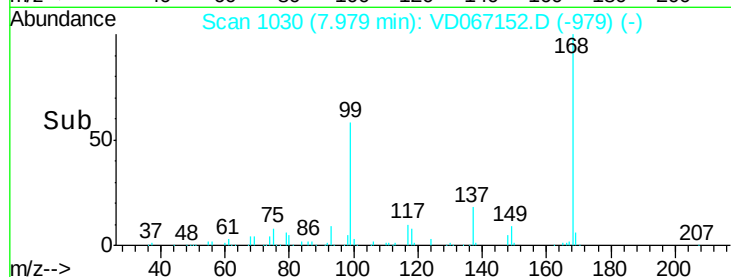
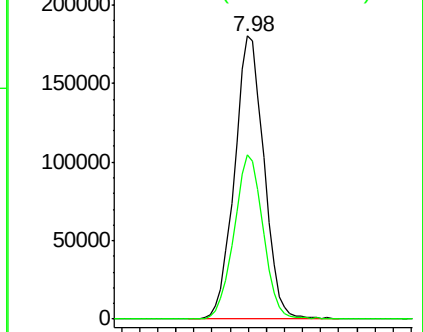
168 100

99 58.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 66.616 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067152.D

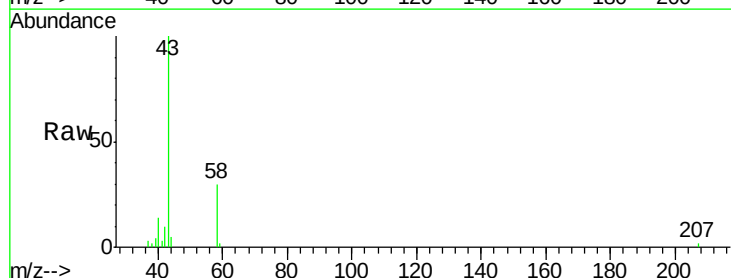
Acq: 07 Oct 2020 15:06

Tgt Ion: 43 Resp: 39866

Ion Ratio Lower Upper

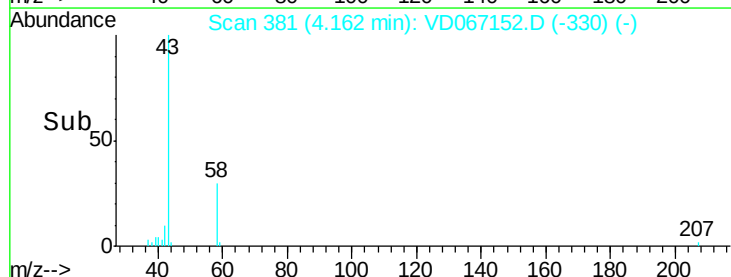
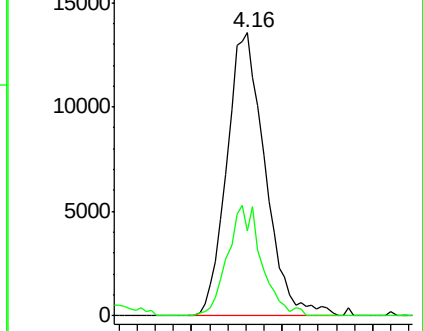
43 100

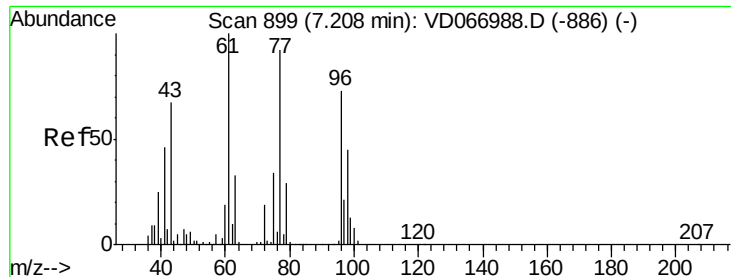
58 30.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 10.340 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.02 min

Lab File: VD067152.D

Acq: 07 Oct 2020 15:06

Instrument :

MSVOA_D

ClientSampled :

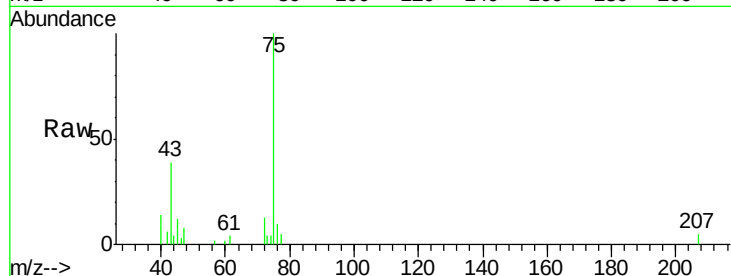
SB-8

Tot Ion: 43 Resp: 8773

Ion Ratio Lower Upper

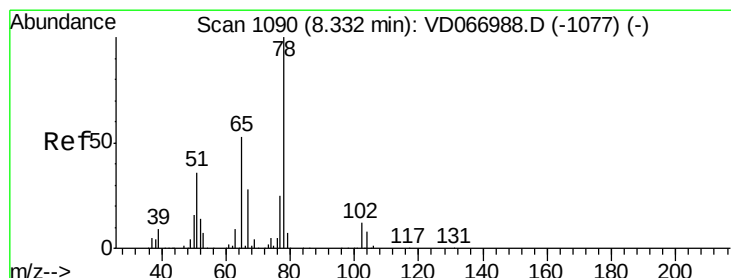
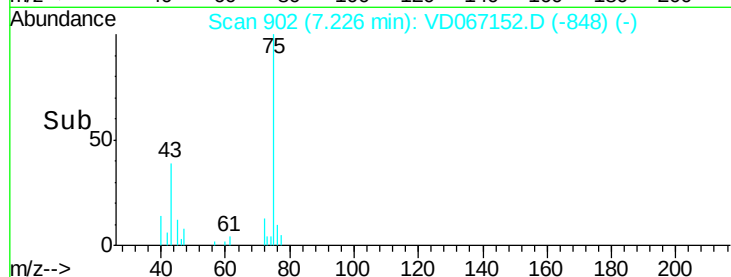
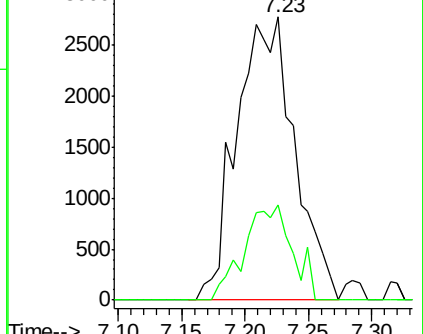
43 100

72 33.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.241 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067152.D

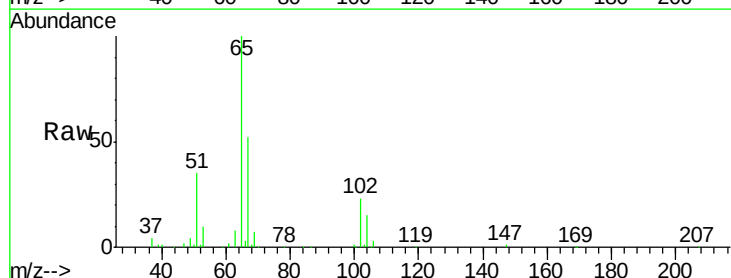
Acq: 07 Oct 2020 15:06

Tgt Ion: 65 Resp: 193042

Ion Ratio Lower Upper

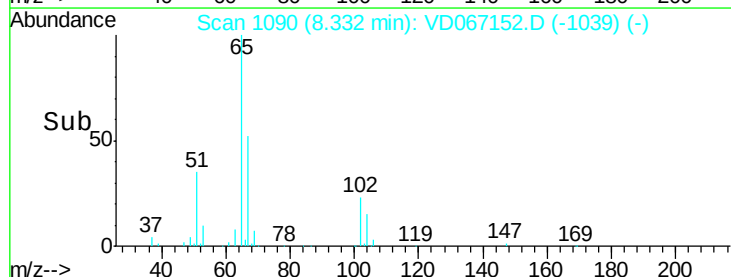
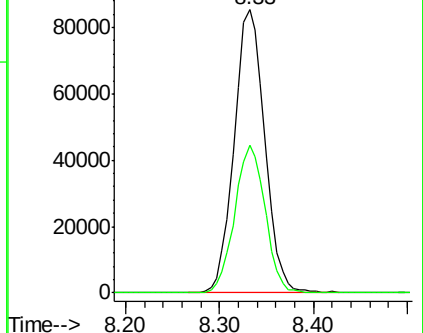
65 100

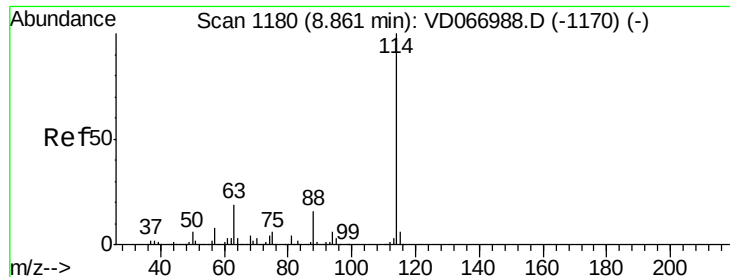
67 51.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

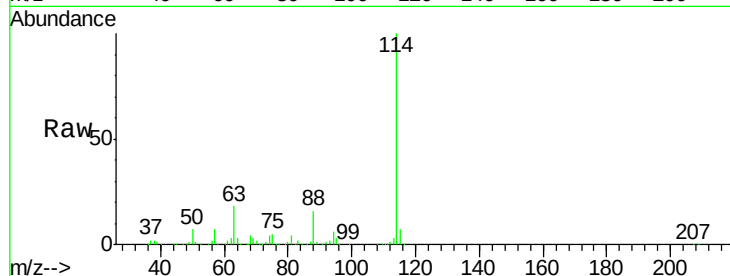




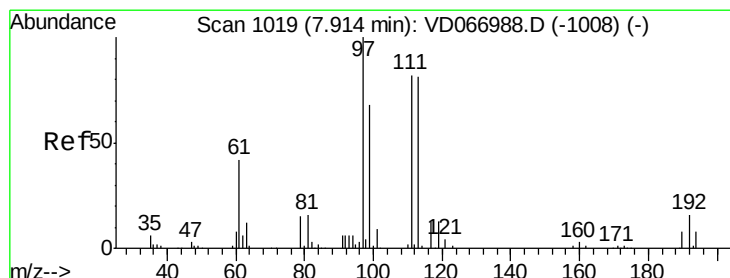
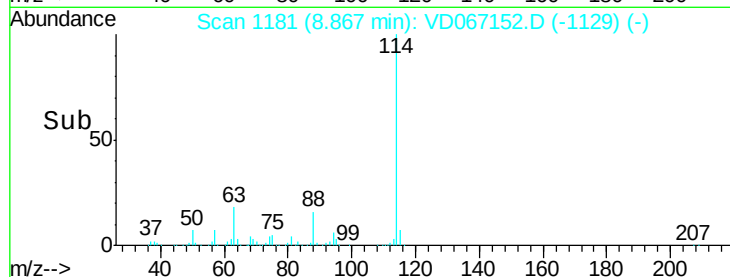
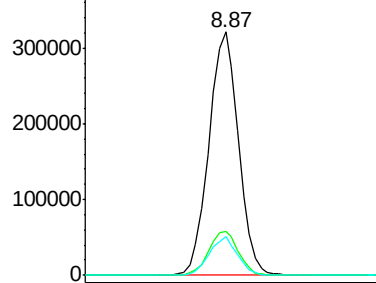
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VD067152.D
Acq: 07 Oct 2020 15:06

Instrument :
MSVOA_D
ClientSampleId :
SB-8

Tot Ion:114 Resp: 650494
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.4
88 15.8 0.0 31.2

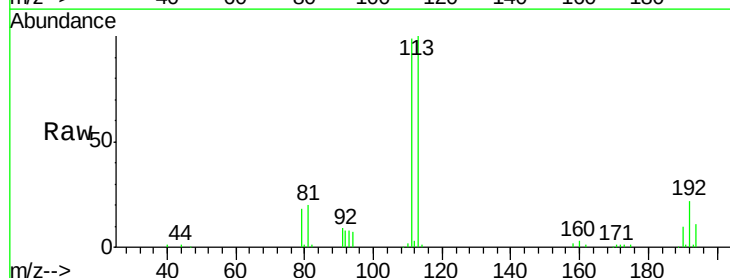


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

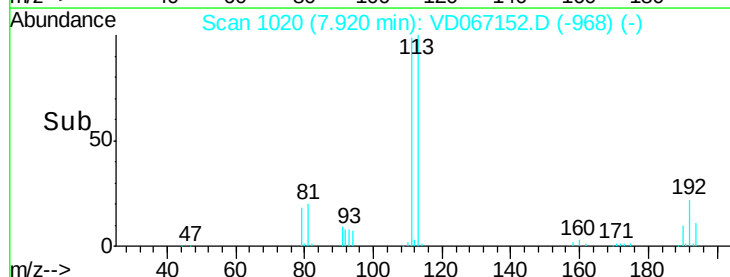
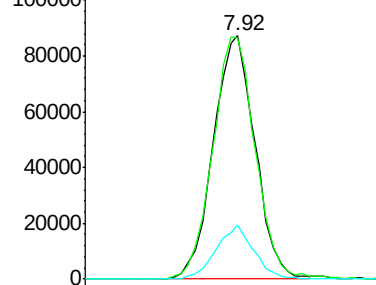


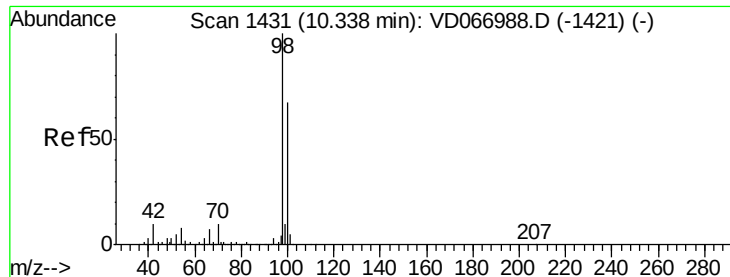
#35
Dibromofluoromethane
Concen: 49.228 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067152.D
Acq: 07 Oct 2020 15:06

Tgt Ion:113 Resp: 209646
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.4
192 20.1 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

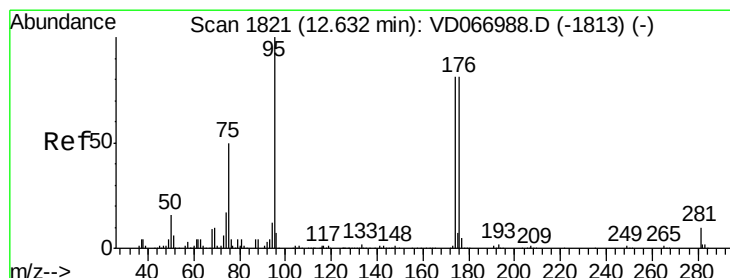
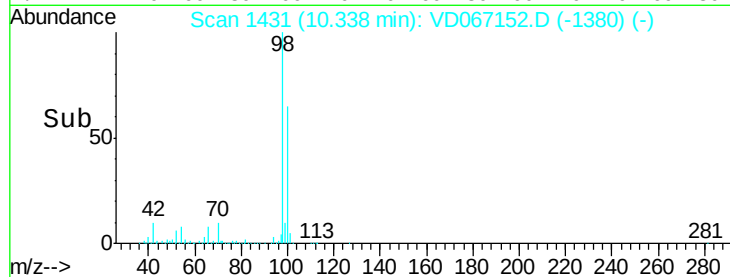
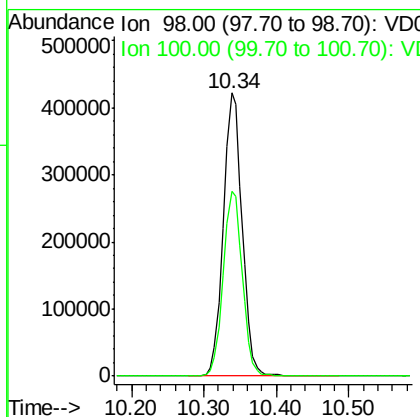
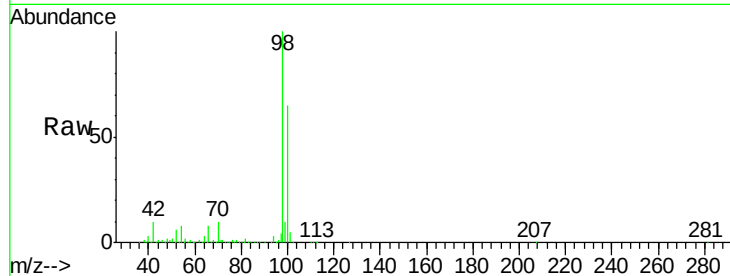




#50
Toluene-d8
Concen: 49.024 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067152.D
Acq: 07 Oct 2020 15:06

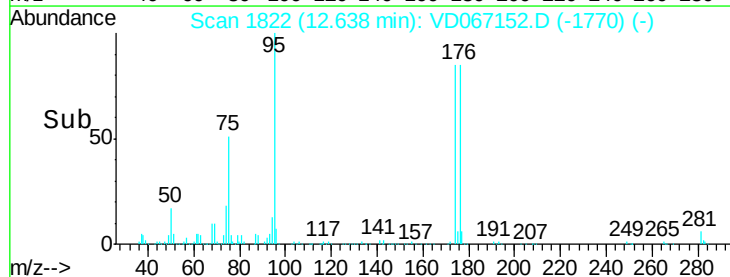
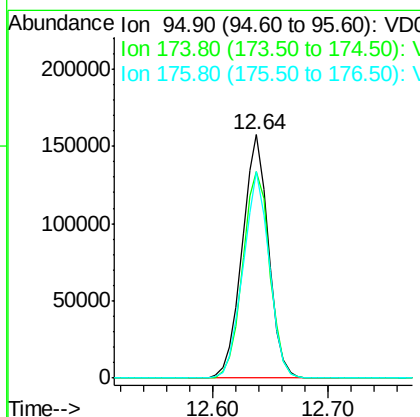
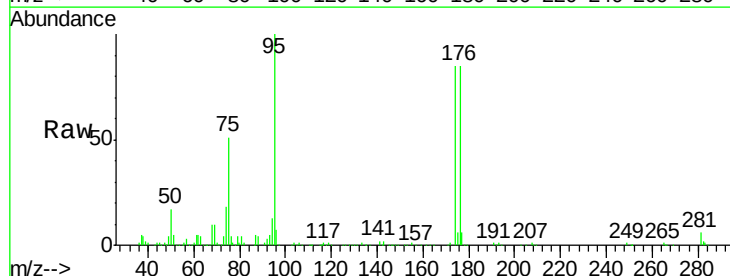
Instrument :
MSVOA_D
ClientSampleId :
SB-8

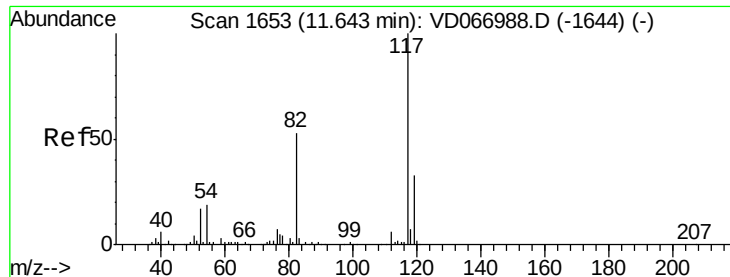
Tot Ion: 98 Resp: 760761
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.059 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067152.D
Acq: 07 Oct 2020 15:06

Tgt Ion: 95 Resp: 247909
Ion Ratio Lower Upper
95 100
174 87.3 0.0 167.6
176 84.3 0.0 162.4

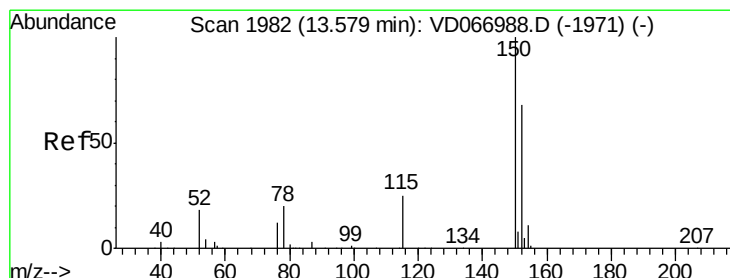
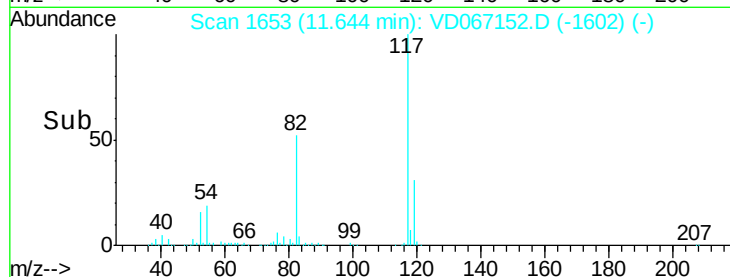
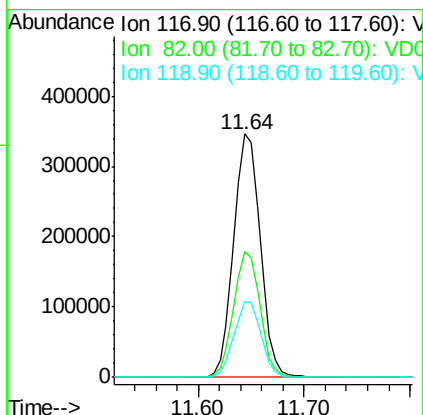
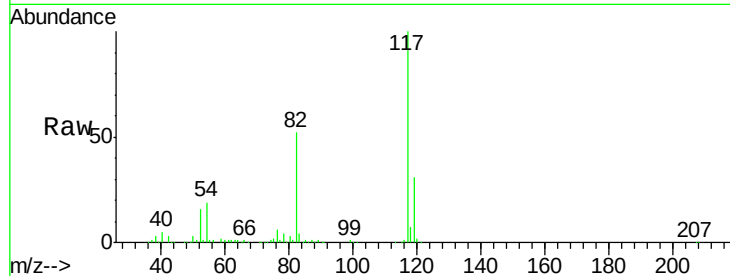




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067152.D
Acq: 07 Oct 2020 15:06

Instrument :
MSVOA_D
ClientSampleId :
SB-8

Tot Ion:117 Resp: 602428
Ion Ratio Lower Upper
117 100
82 51.6 42.6 63.8
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067152.D
Acq: 07 Oct 2020 15:06

Tgt Ion:152 Resp: 277929
Ion Ratio Lower Upper
152 100
115 57.9 29.6 88.8
150 155.3 0.0 344.8

