

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067021.D
 Acq On : 02 Oct 2020 05:37
 Operator : VA/SY
 Sample : L4213-04
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(9-11)

Quant Time: Oct 02 06:11:06 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

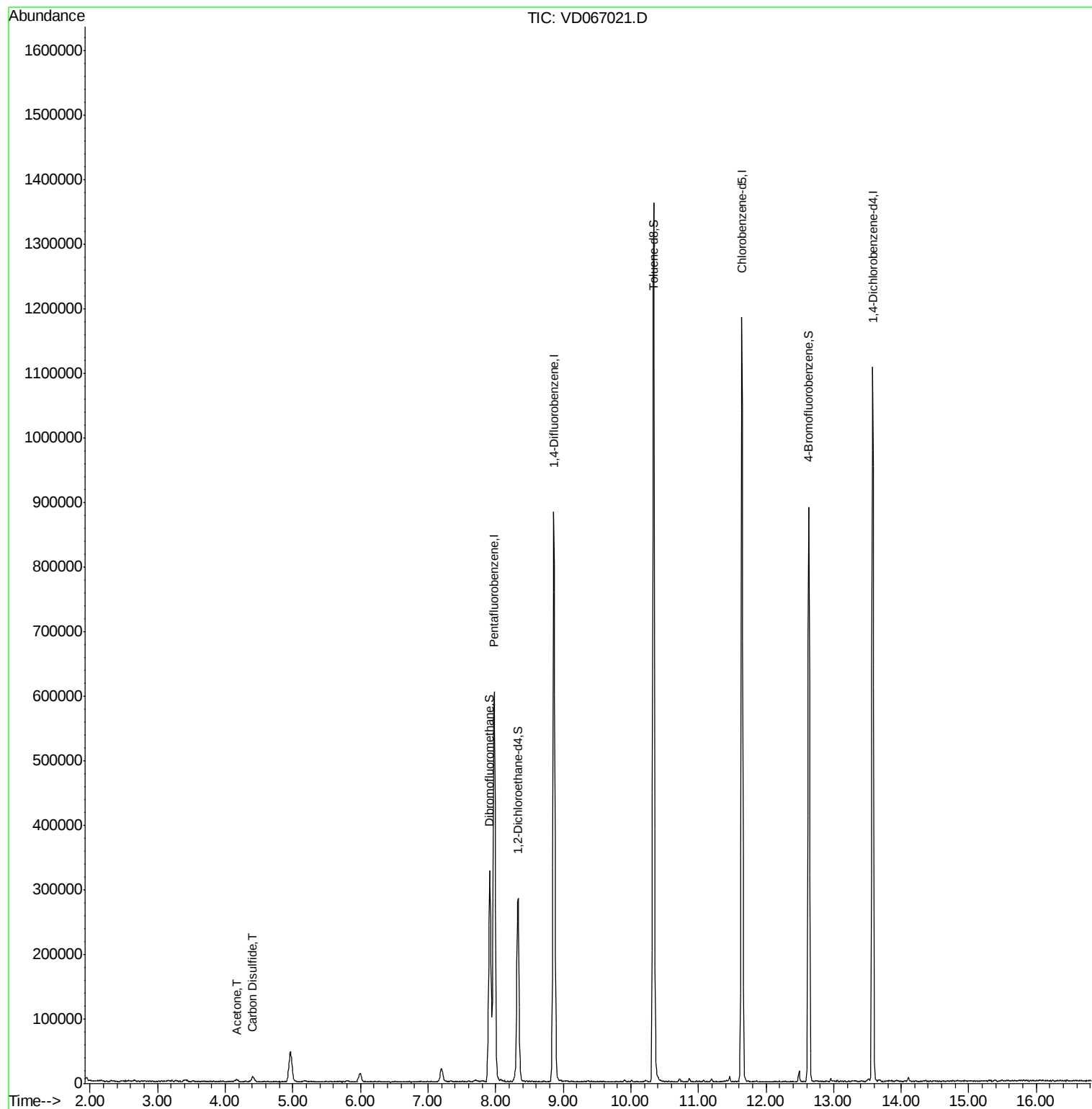
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	450992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	768443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	704508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	234103	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
35) Dibromofluoromethane	7.91	113	236854	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	10.34	98	913093	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.63	95	287211	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
Target Compounds						
16) Acetone	4.16	43	6530	9.848	ug/l #	75
17) Carbon Disulfide	4.41	76	16870	1.293	ug/l	97

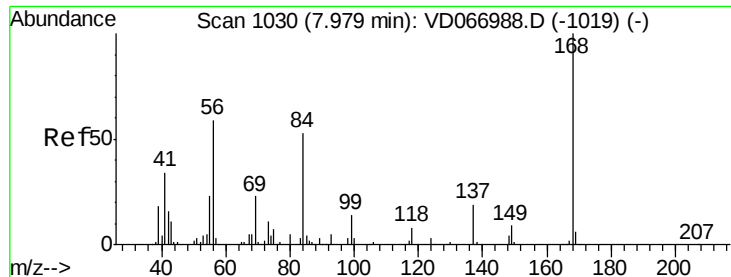
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067021.D

Acq: 02 Oct 2020 05:37

Instrument :

MSVOA_D

ClientSampleId :

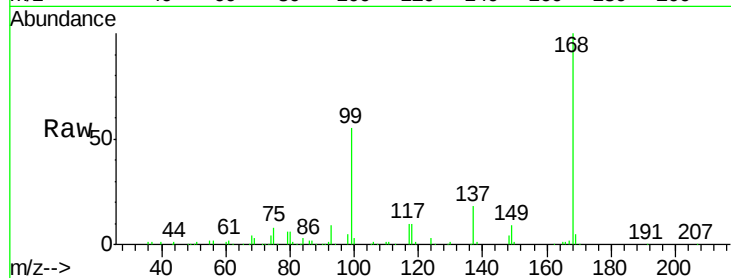
B-15(9-11)

Tot Ion:168 Resp: 450992

Ion Ratio Lower Upper

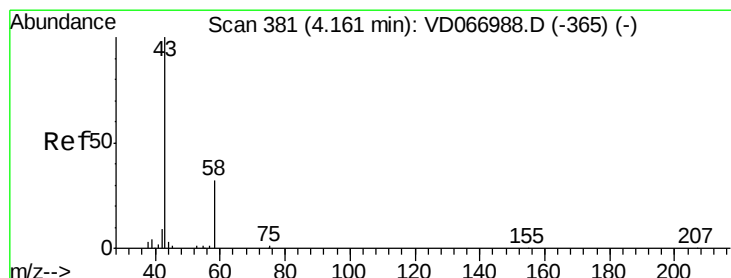
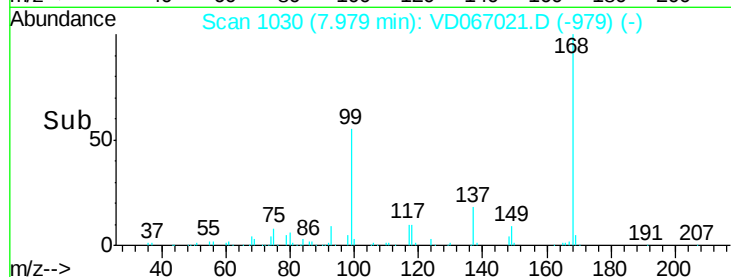
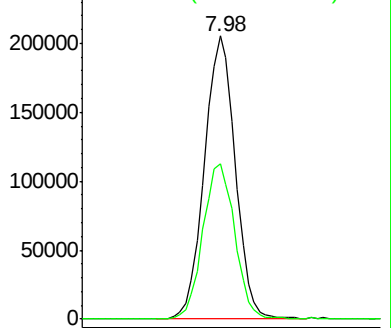
168 100

99 54.7 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: 9.848 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067021.D

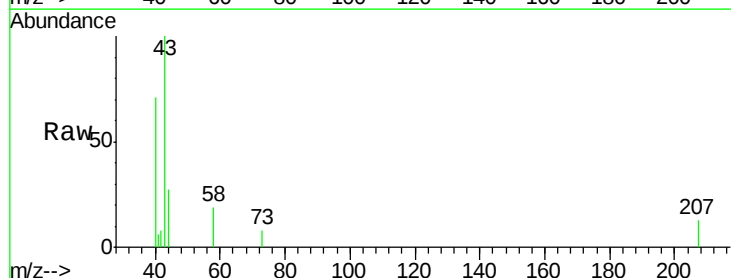
Acq: 02 Oct 2020 05:37

Tgt Ion: 43 Resp: 6530

Ion Ratio Lower Upper

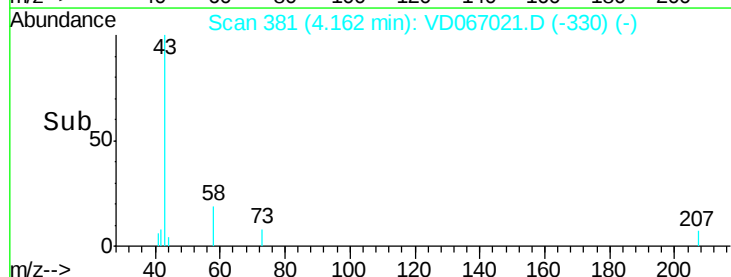
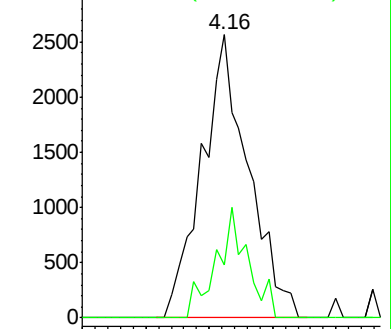
43 100

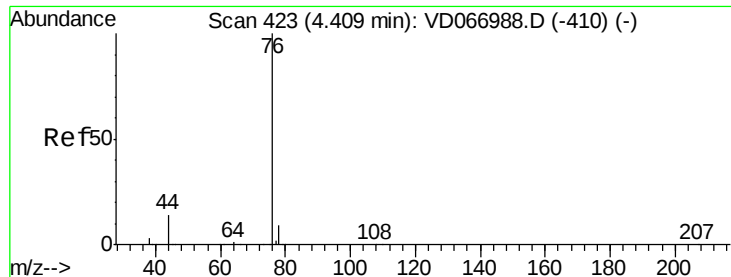
58 18.5 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

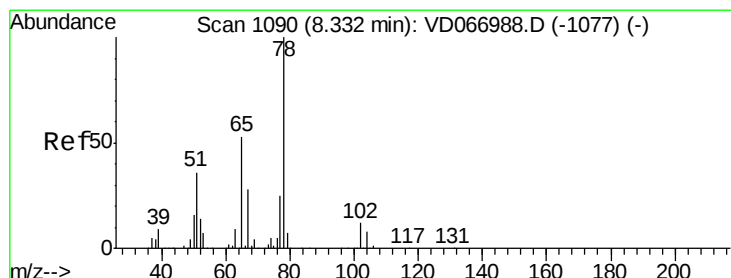
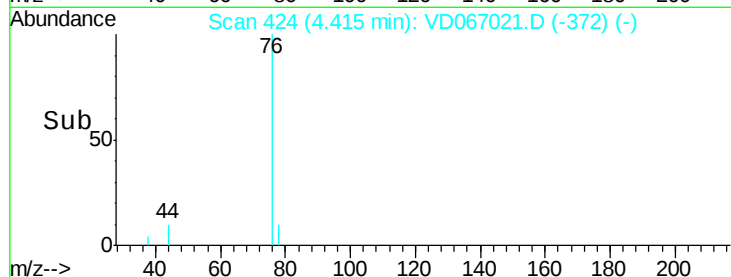
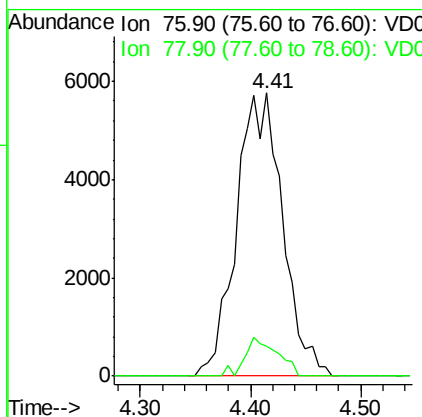
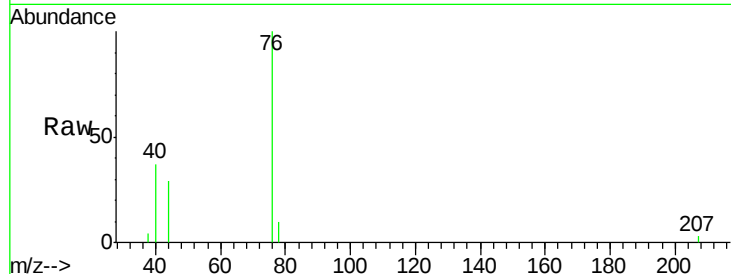




#17
Carbon Disulfide
Concen: 1.293 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067021.D
Acq: 02 Oct 2020 05:37

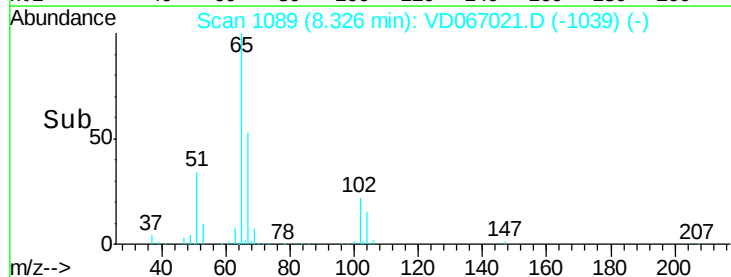
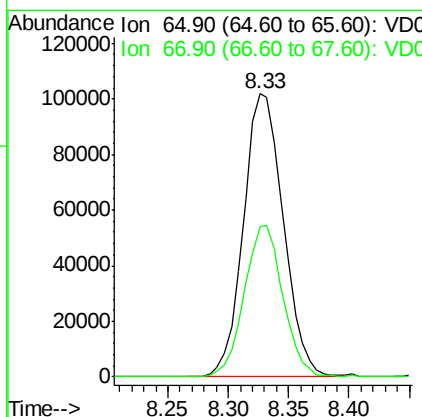
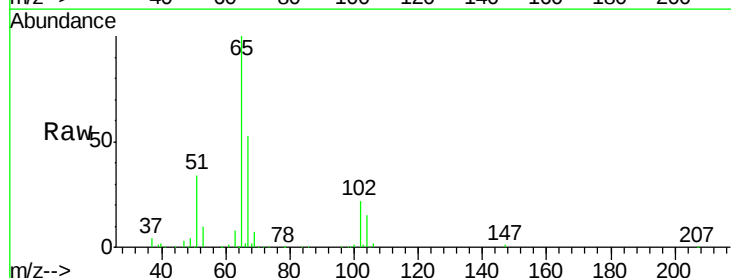
Instrument :
MSVOA_D
ClientSampleId :
B-15(9-11)

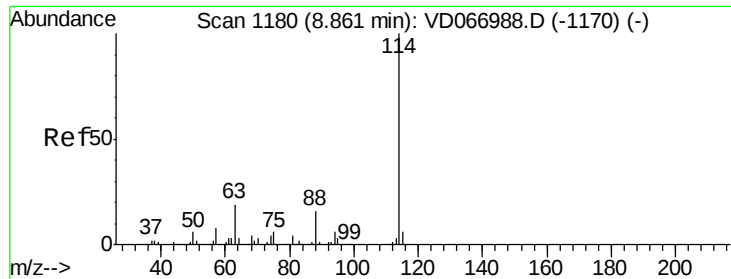
Tot Ion: 76 Resp: 16870
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 53.892 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD067021.D
Acq: 02 Oct 2020 05:37

Tgt Ion: 65 Resp: 234103
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.8

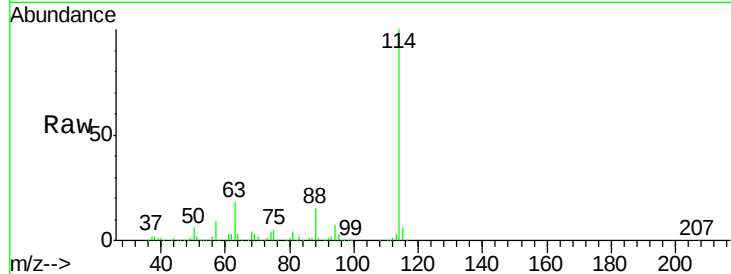




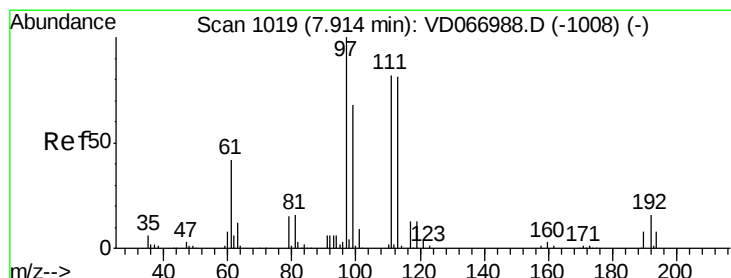
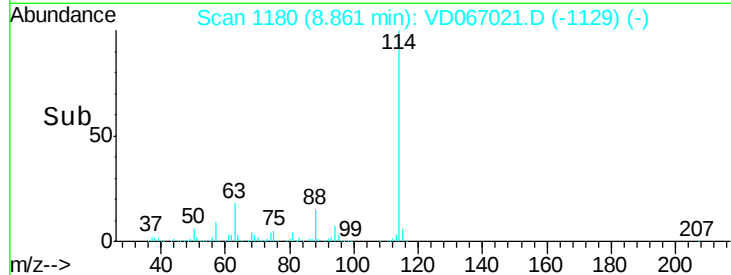
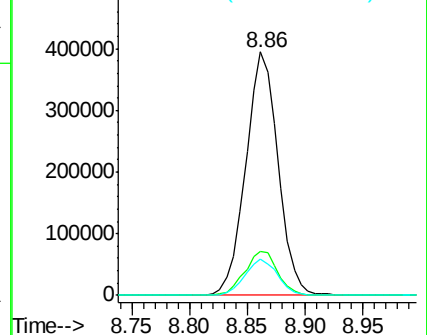
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067021.D
 Acq: 02 Oct 2020 05:37

Instrument :
 MSVOA_D
 ClientSampled :
 B-15(9-11)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.4
88	14.8	0.0	31.2

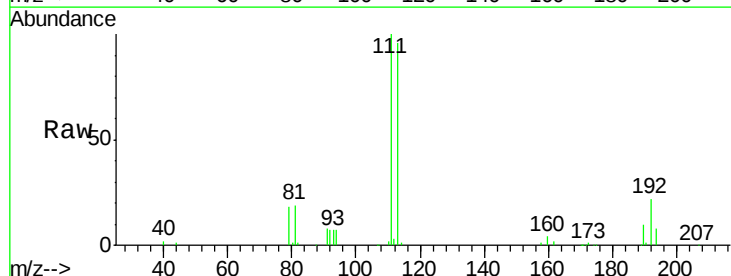


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

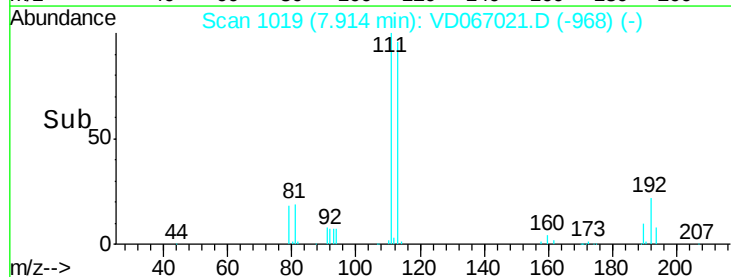
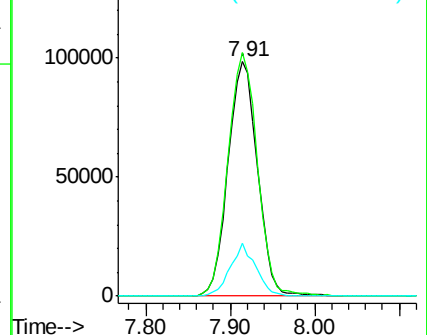


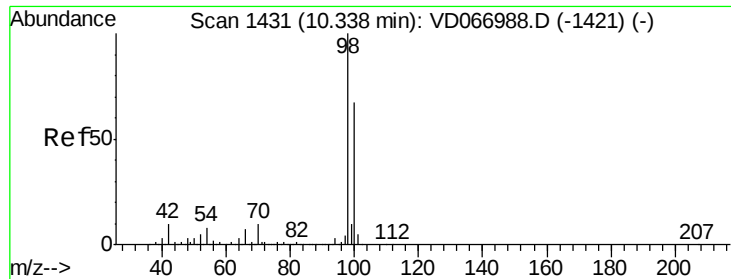
#35
 Dibromofluoromethane
 Concen: 47.080 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067021.D
 Acq: 02 Oct 2020 05:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.4
192	19.4	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: 49.809 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067021.D

Acq: 02 Oct 2020 05:37

Instrument :

MSVOA_D

ClientSampleId :

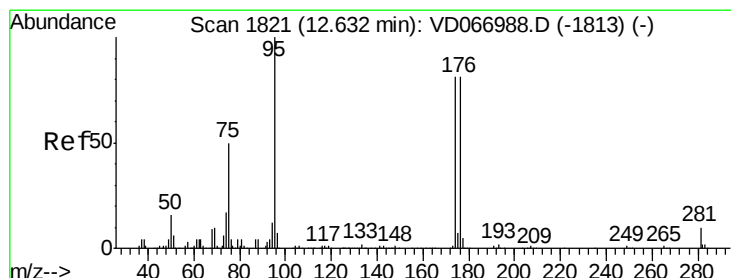
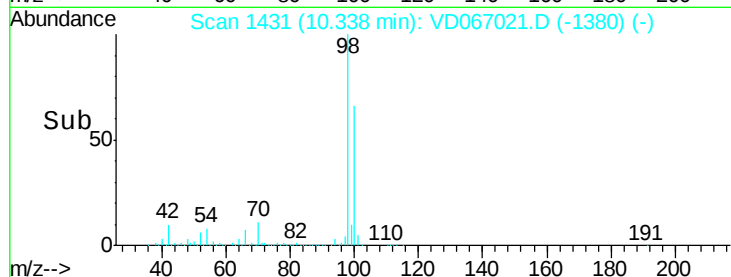
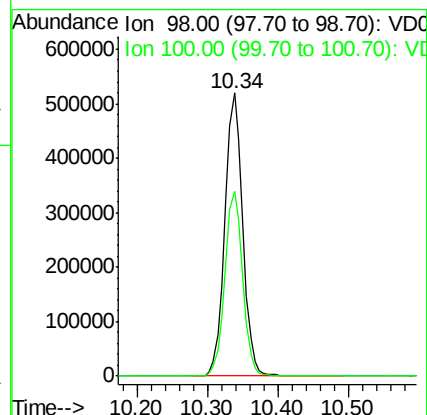
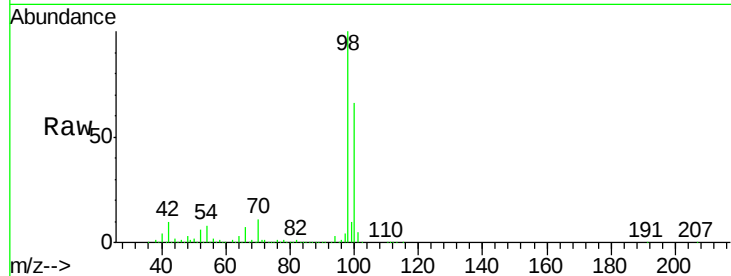
B-15(9-11)

Tot Ion: 98 Resp: 913093

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 46.152 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067021.D

Acq: 02 Oct 2020 05:37

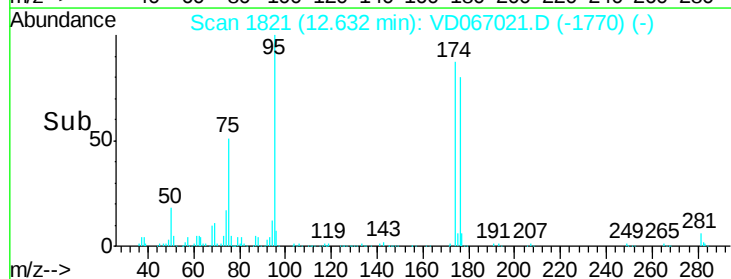
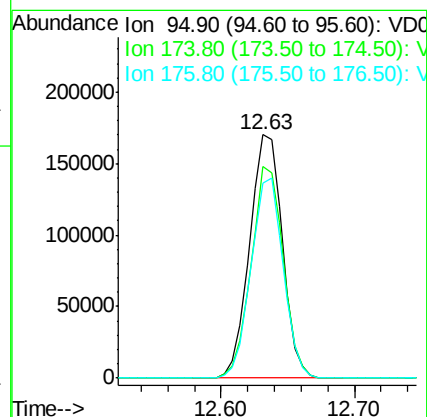
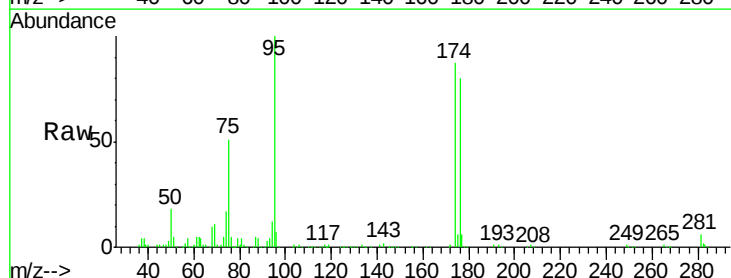
Tgt Ion: 95 Resp: 287211

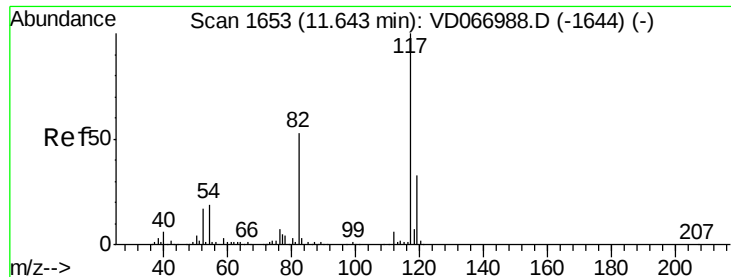
Ion Ratio Lower Upper

95 100

174 85.0 0.0 167.6

176 80.8 0.0 162.4

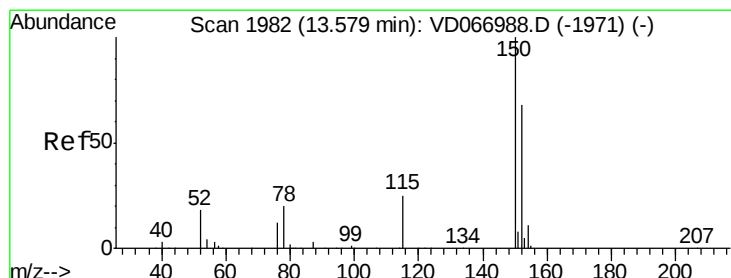
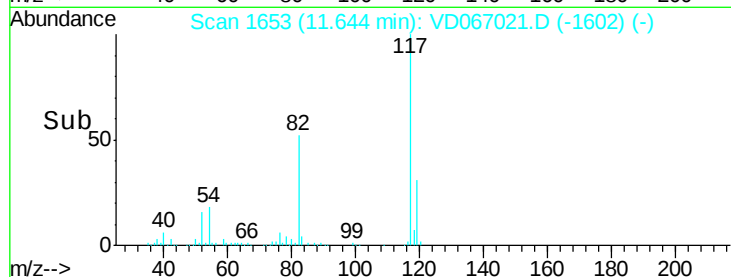
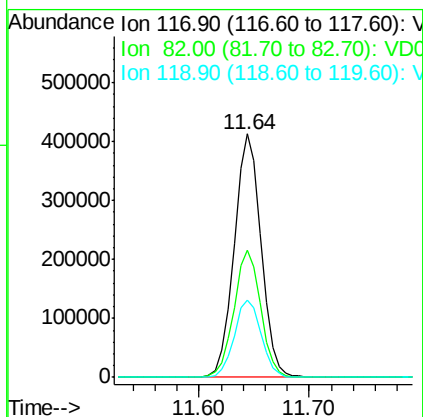
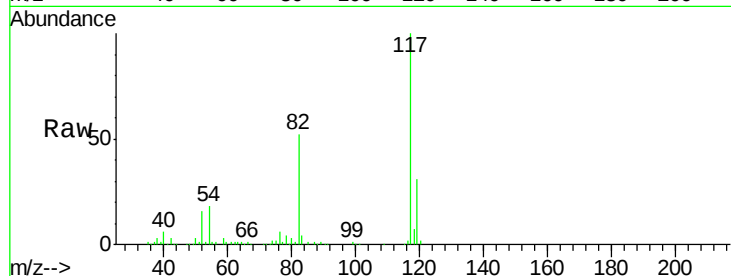




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067021.D
Acq: 02 Oct 2020 05:37

Instrument :
MSVOA_D
ClientSampleId :
B-15(9-11)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	63.8
119	31.5	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067021.D
Acq: 02 Oct 2020 05:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.6	88.8
150	154.5	0.0	344.8

