

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065258.D
 Acq On : 20 Feb 2020 16:29
 Operator : VA/SY
 Sample : L1604-03
 Misc : 5.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HAM-SB-02-11-12

Quant Time: Feb 21 05:03:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

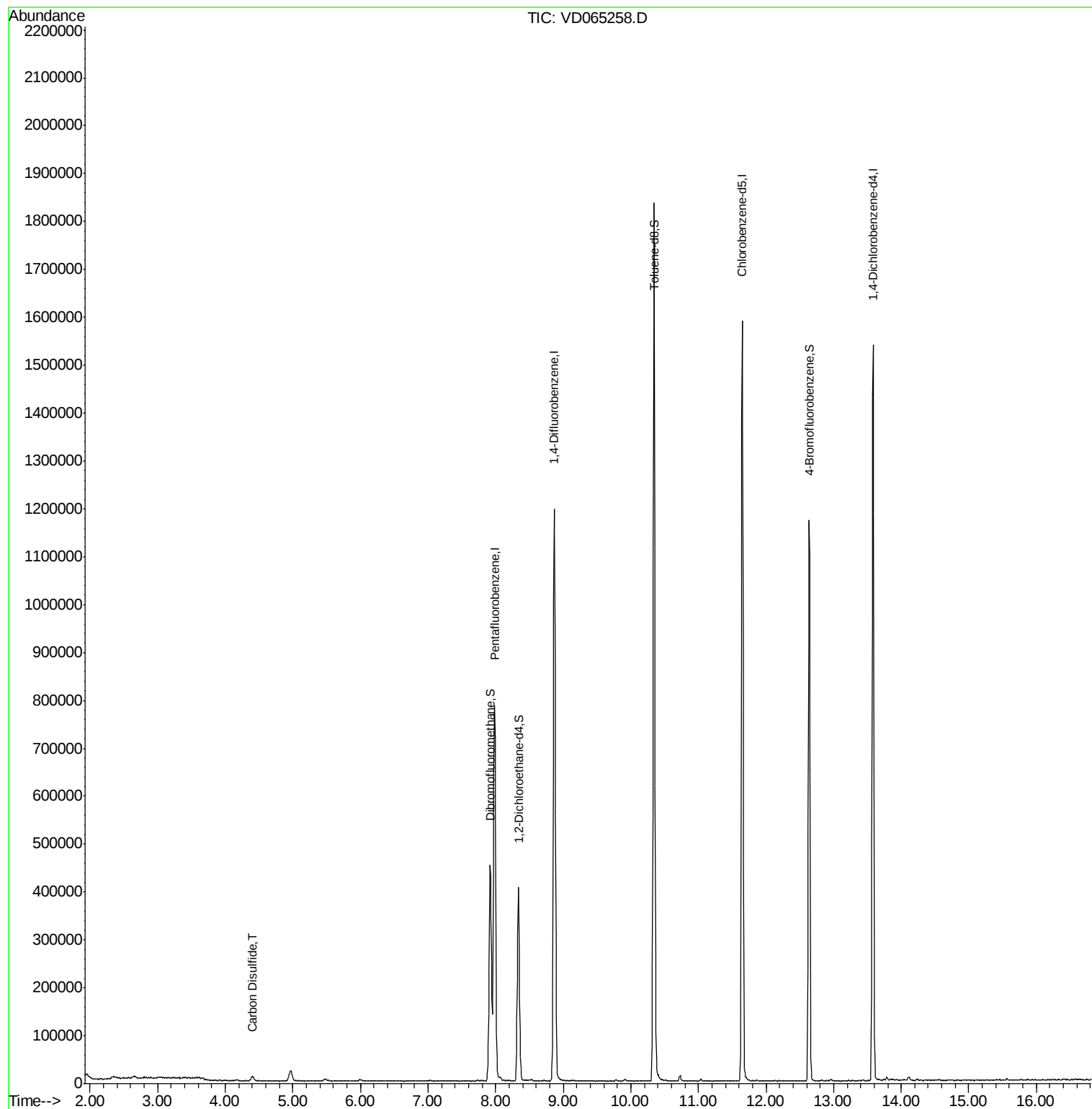
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	629831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1036605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	922051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	419128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	314777	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
35) Dibromofluoromethane	7.92	113	324743	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	10.34	98	1249112	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.64	95	375394	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
17) Carbon Disulfide	4.41	76	20097	1.027	ug/l #	Qvalue 94

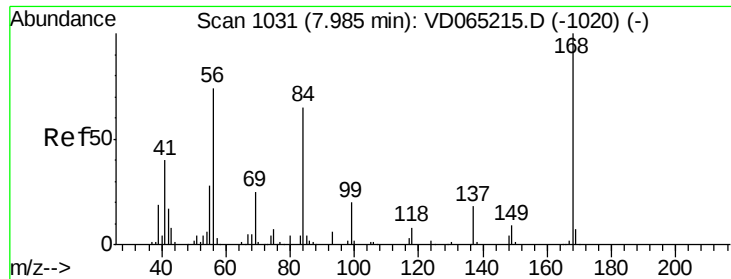
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065258.D

Acq: 20 Feb 2020 16:29

Instrument :

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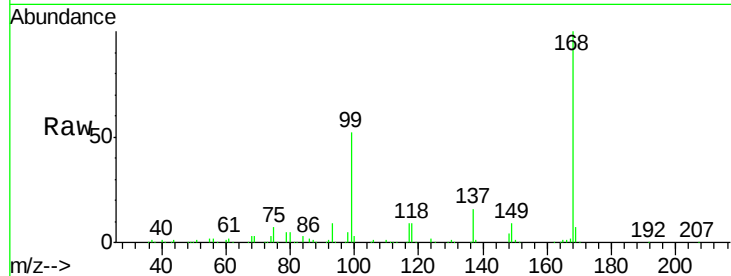
HAM-SB-02-11-12

Tot Ion:168 Resp: 629831

Ion Ratio Lower Upper

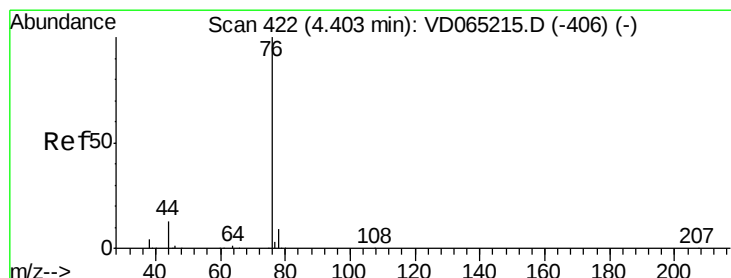
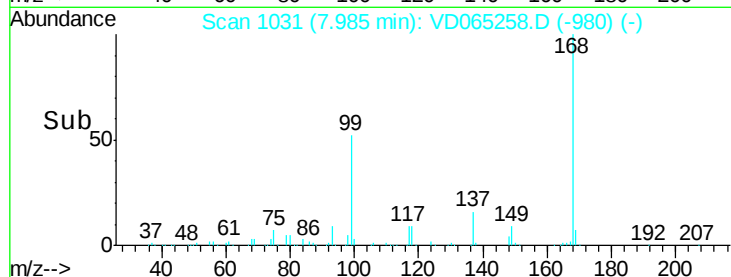
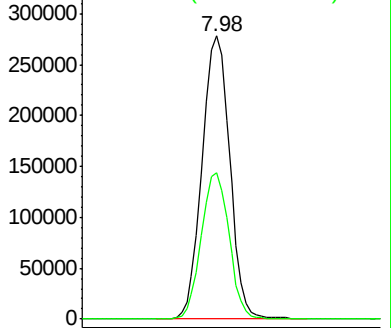
168 100

99 52.0 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 1.027 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.01 min

Lab File: VD065258.D

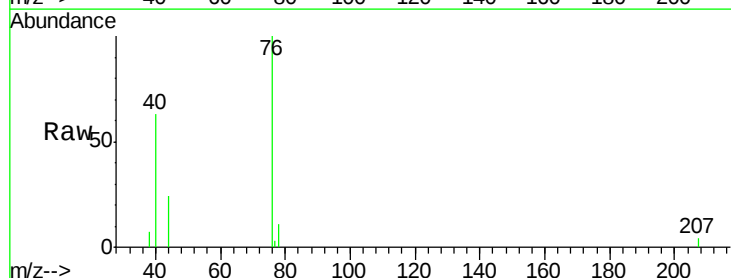
Acq: 20 Feb 2020 16:29

Tgt Ion: 76 Resp: 20097

Ion Ratio Lower Upper

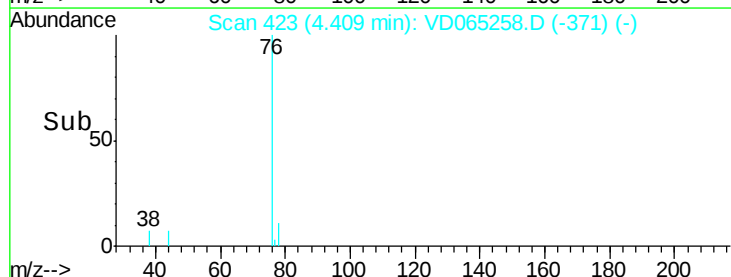
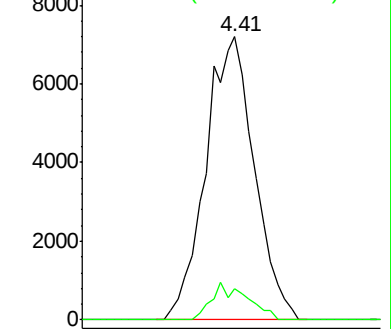
76 100

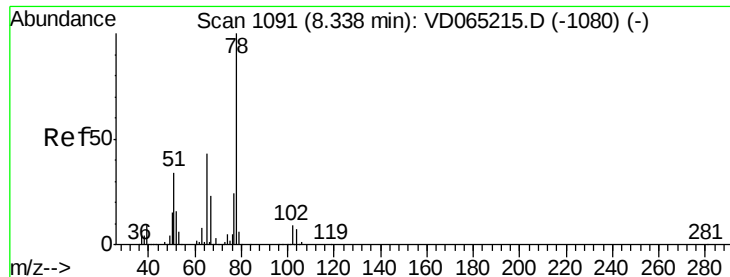
78 11.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

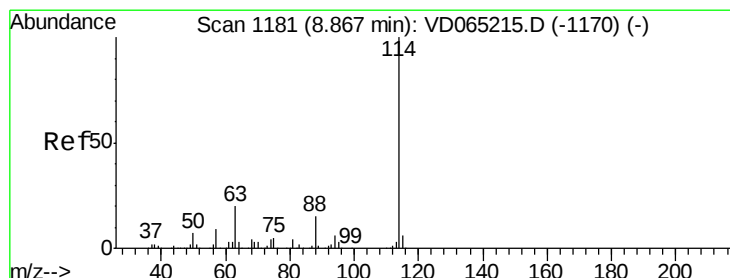
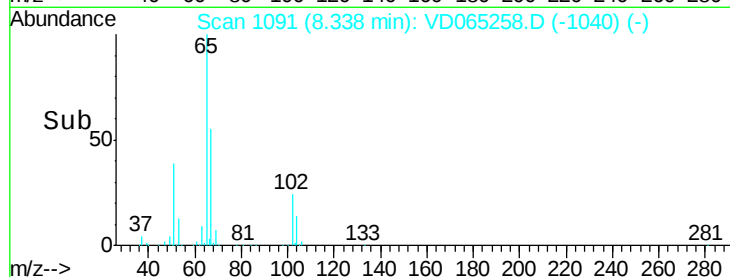
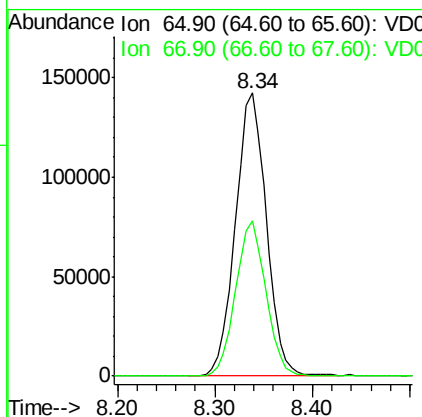
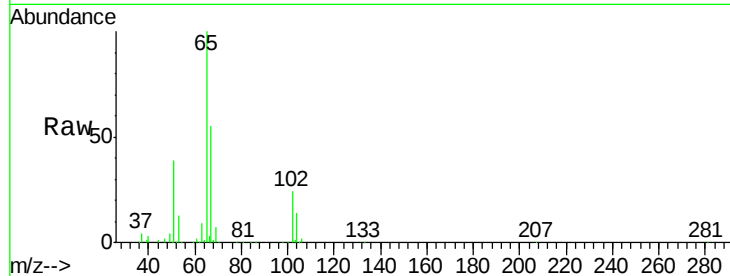




#33
 1,2-Dichloroethane-d4
 Concen: 55.555 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065258.D
 Acq: 20 Feb 2020 16:29

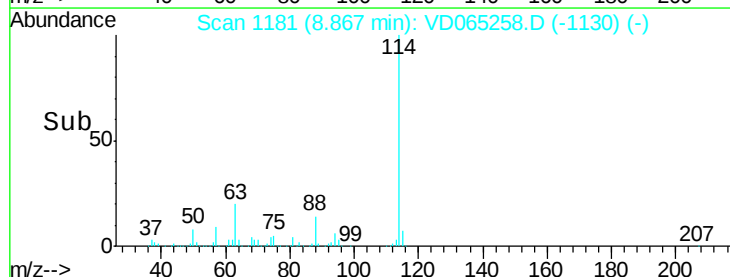
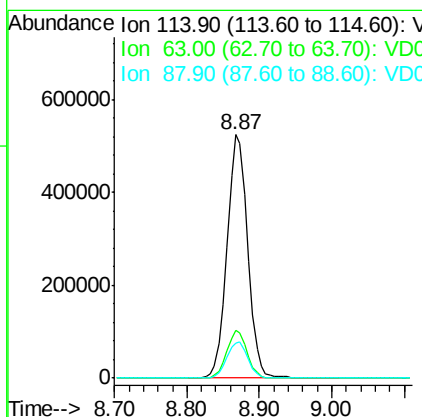
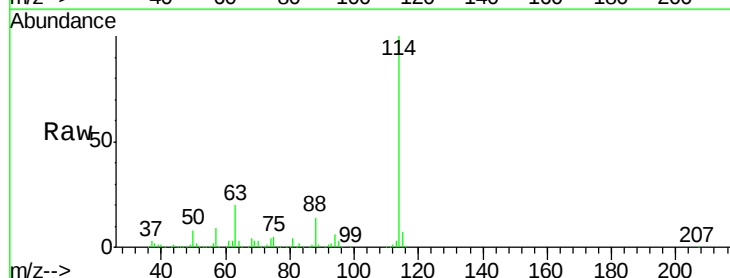
Instrument :
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 HAM-SB-02-11-12

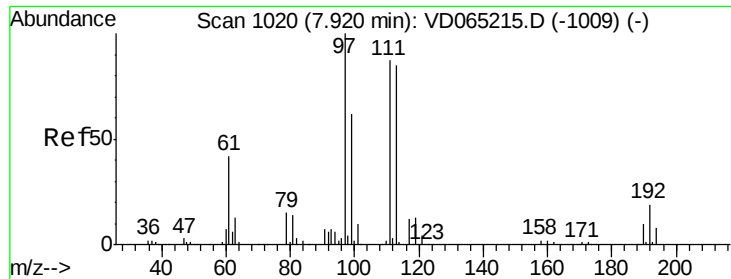
Tot Ion: 65 Resp: 314777
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065258.D
 Acq: 20 Feb 2020 16:29

Tgt Ion: 114 Resp: 1036605
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 14.3 0.0 30.4

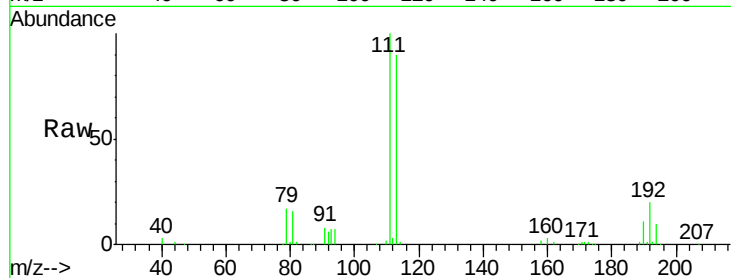




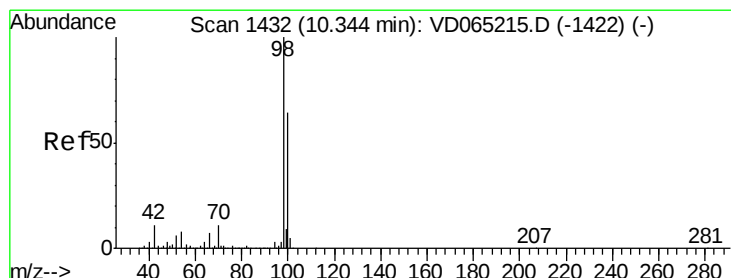
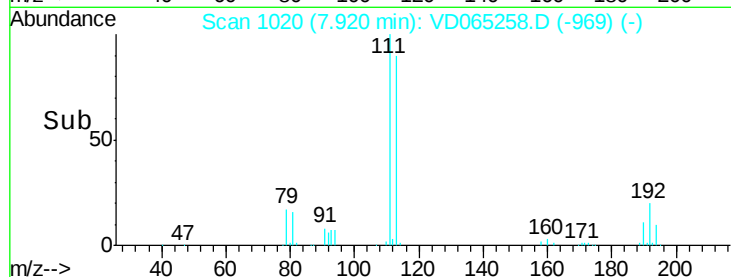
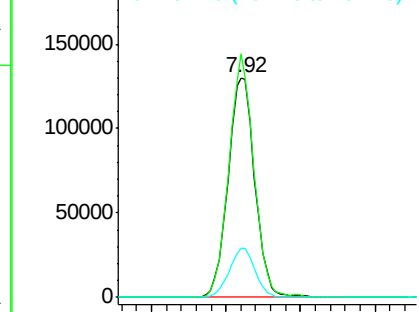
#35
 Dibromofluoromethane
 Concen: 51.378 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065258.D
 Acq: 20 Feb 2020 16:29

Instrument :
 MSVOA_D
 ClientSampleId :
 HAM-SB-02-11-12

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	21.5	17.3	25.9

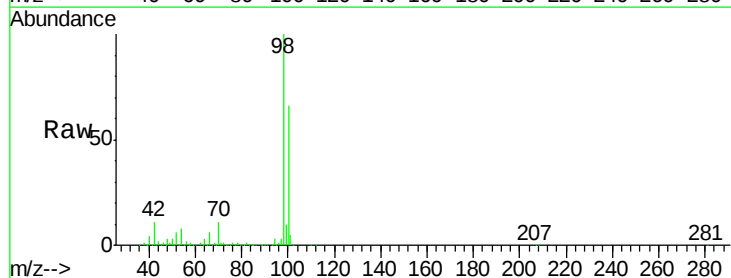


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

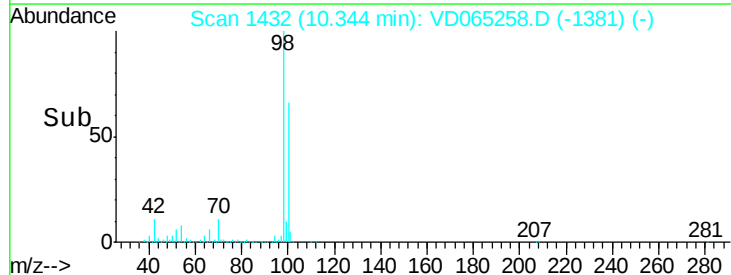
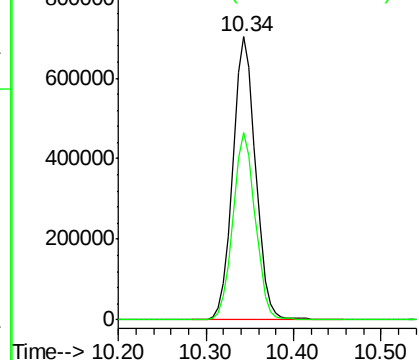


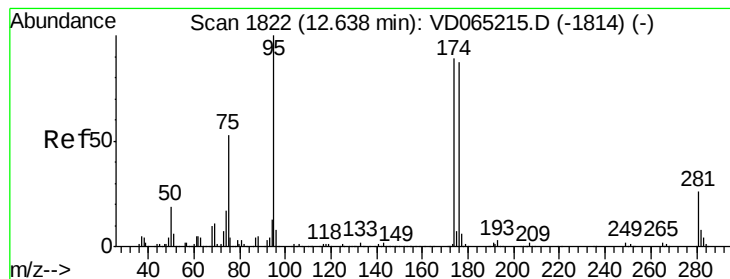
#50
 Toluene-d8
 Concen: 51.695 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065258.D
 Acq: 20 Feb 2020 16:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 49.041 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065258.D

Acq: 20 Feb 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

HAM-SB-02-11-12

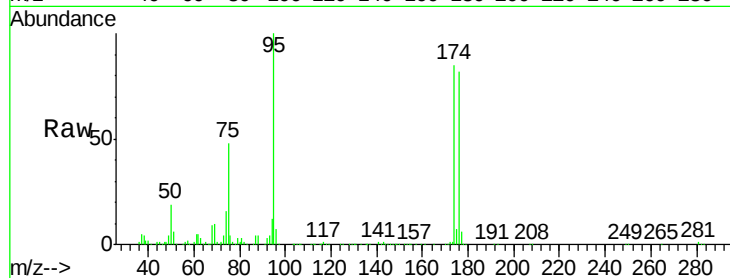
Tot Ion: 95 Resp: 375394

Ion Ratio Lower Upper

95 100

174 88.4 0.0 178.0

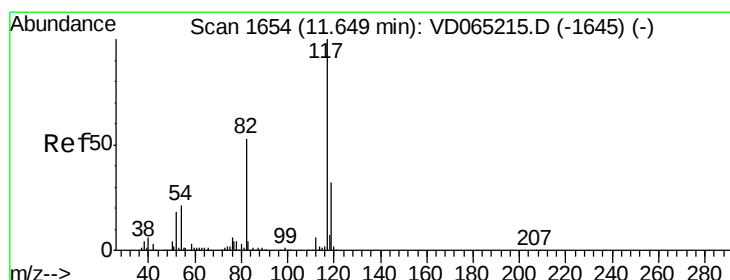
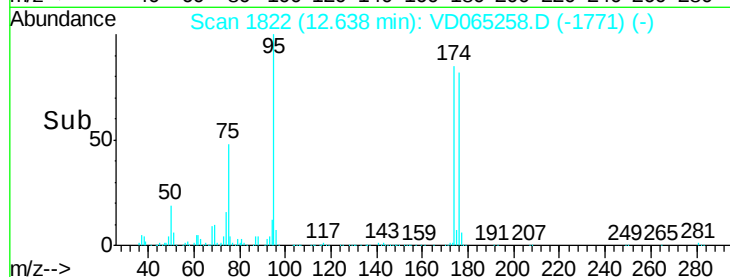
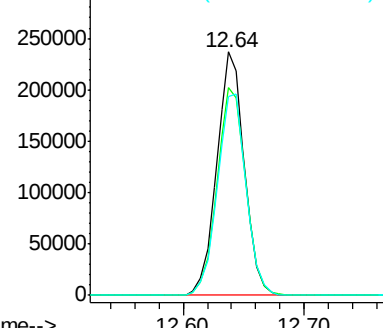
176 86.4 0.0 174.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065258.D

Acq: 20 Feb 2020 16:29

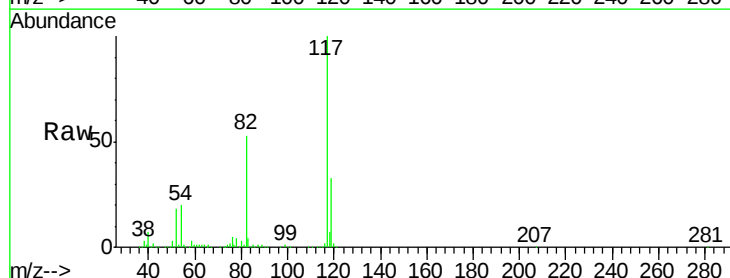
Tgt Ion: 117 Resp: 922051

Ion Ratio Lower Upper

117 100

82 53.1 42.7 64.1

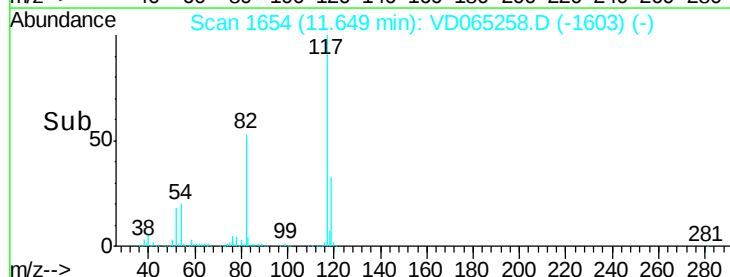
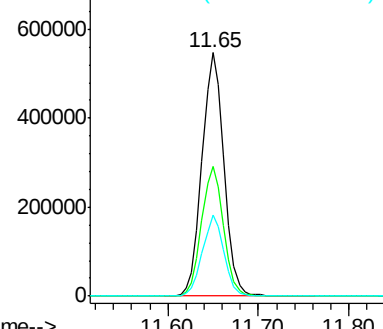
119 33.3 25.5 38.3

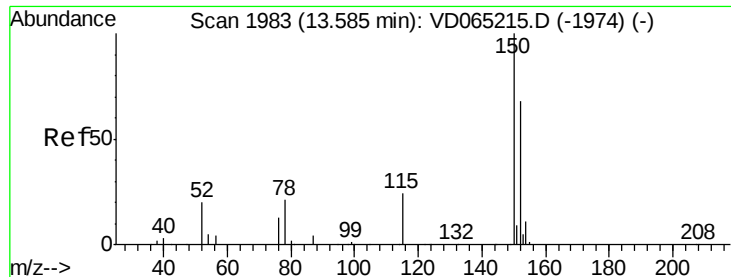


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065258.D

Acq: 20 Feb 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

HAM-SB-02-11-12

Tot Ion:152 Resp: 419128

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

150 156.2 0.0 347.4

