

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065257.D
 Acq On : 20 Feb 2020 16:01
 Operator : VA/SY
 Sample : L1604-02
 Misc : 7.23G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HAM-SB-01-51-52

Quant Time: Feb 21 04:54:12 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

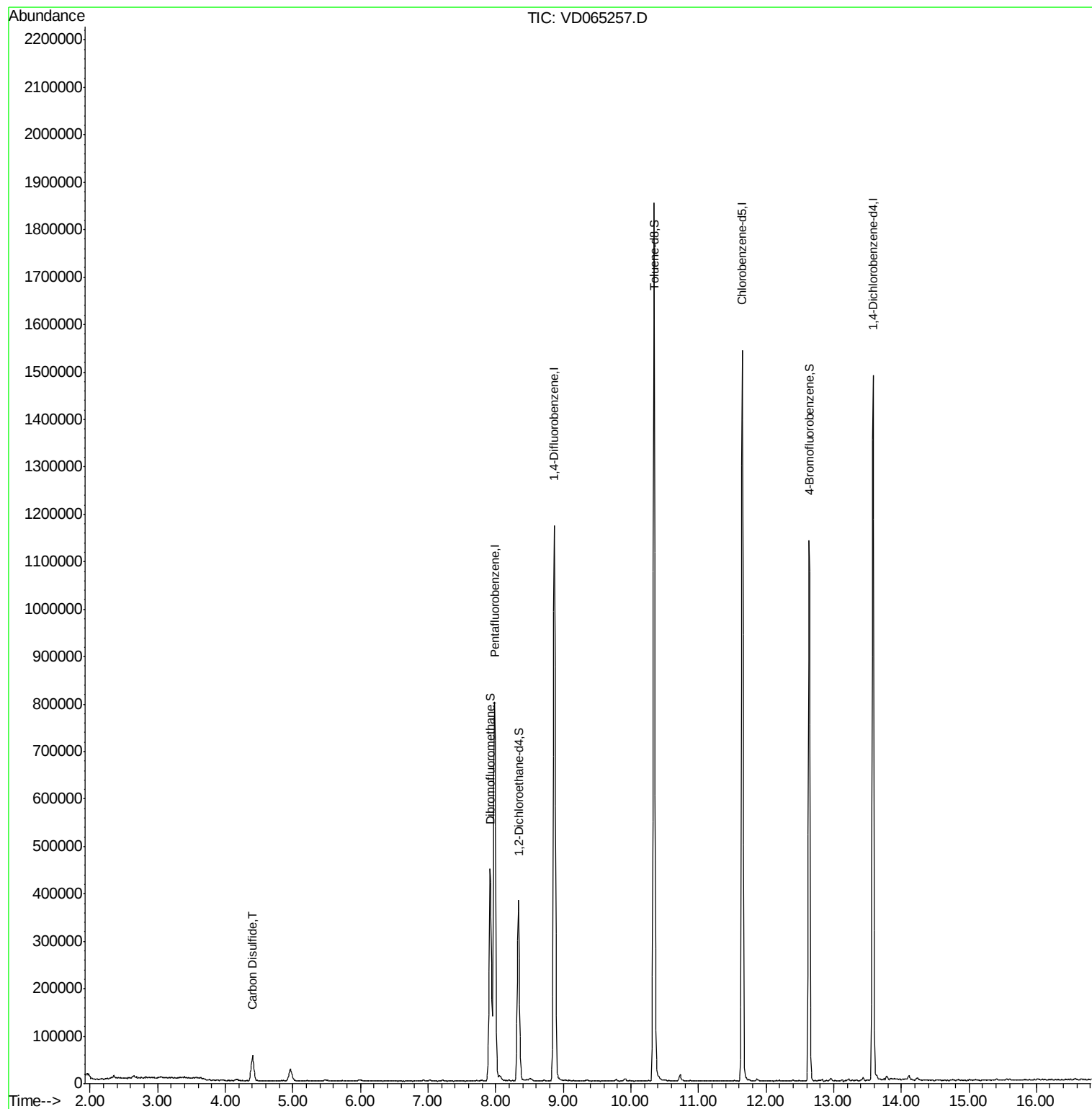
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	637211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1036846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	906624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	405507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	294469	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
35) Dibromofluoromethane	7.92	113	323092	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.34	98	1243943	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.64	95	365918	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds						
17) Carbon Disulfide	4.40	76	112766	5.693	ug/l	Qvalue 100

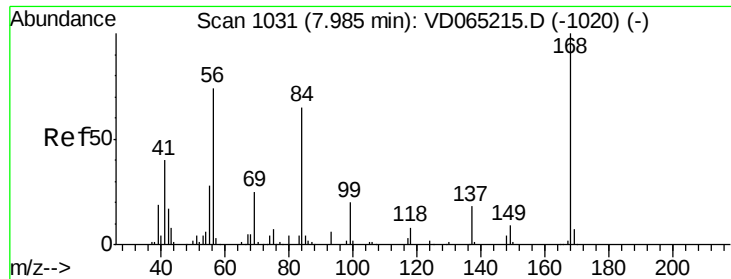
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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Acq: 20 Feb 2020 16:01

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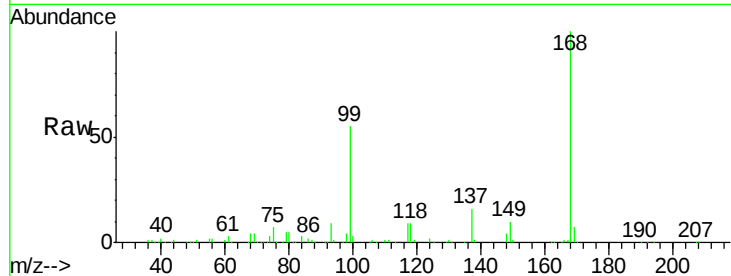
HAM-SB-01-51-52

Tot Ion:168 Resp: 637211

Ion Ratio Lower Upper

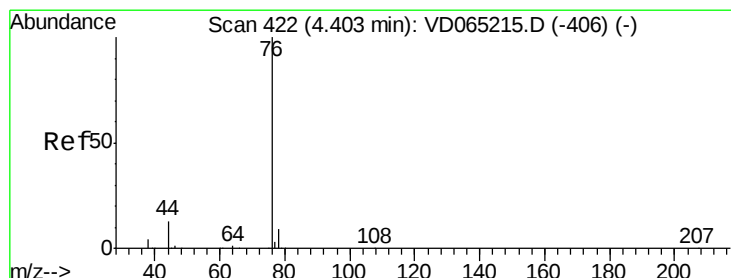
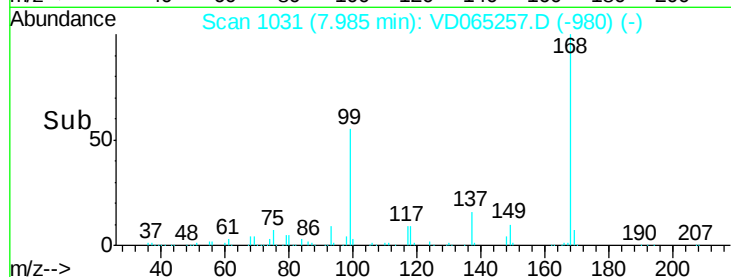
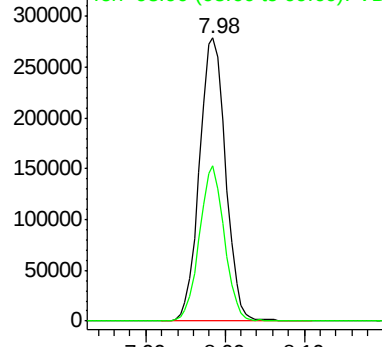
168 100

99 54.9 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: 5.693 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD065257.D

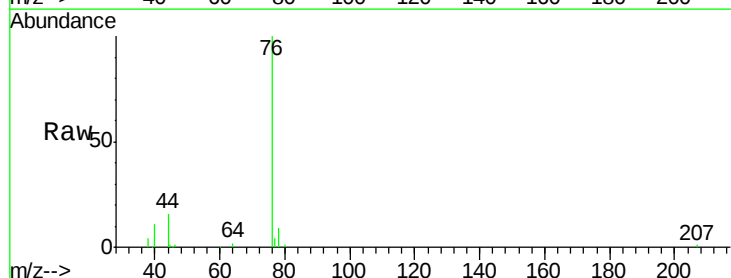
Acq: 20 Feb 2020 16:01

Tgt Ion: 76 Resp: 112766

Ion Ratio Lower Upper

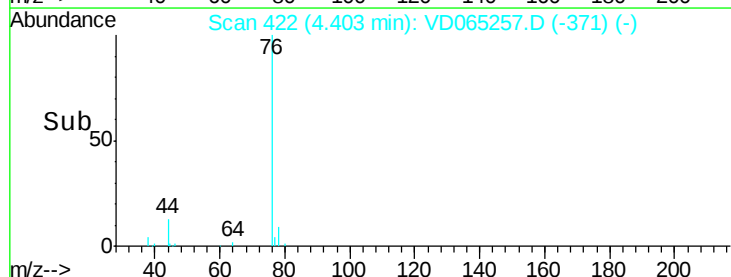
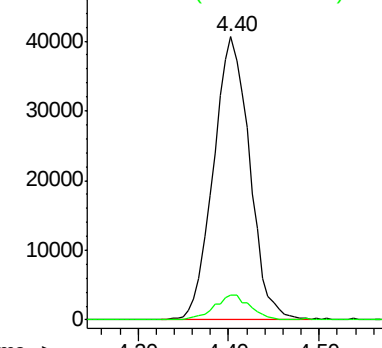
76 100

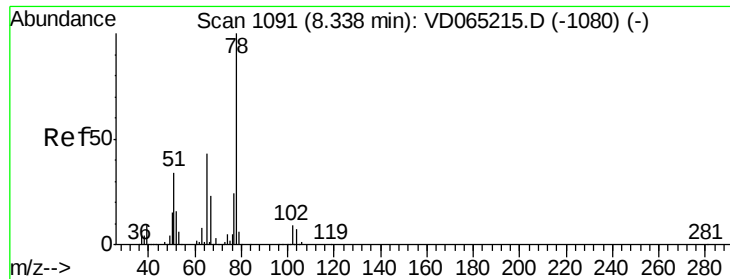
78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

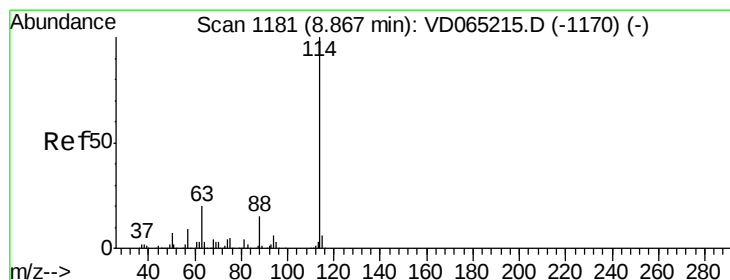
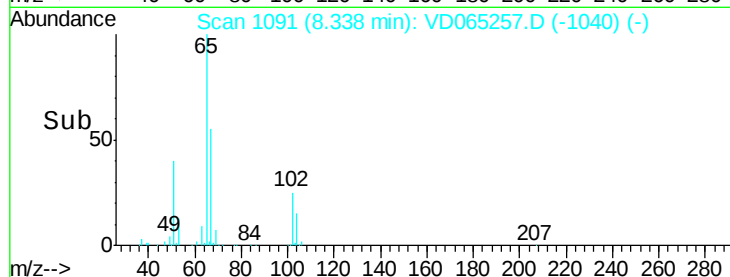
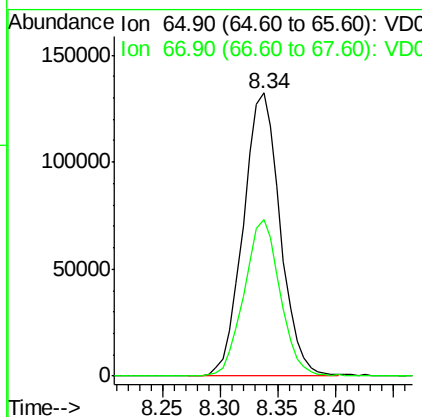
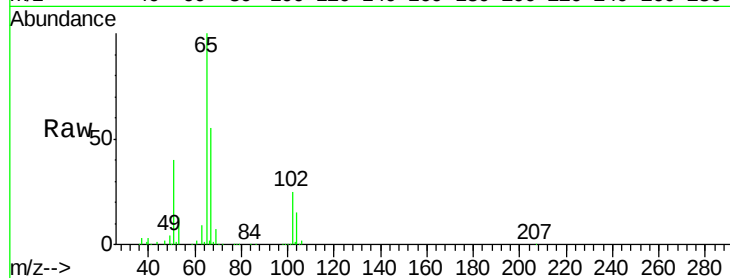




#33
 1,2-Dichloroethane-d4
 Concen: 51.369 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065257.D
 Acq: 20 Feb 2020 16:01

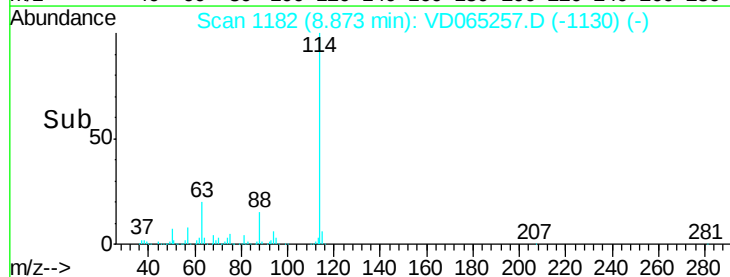
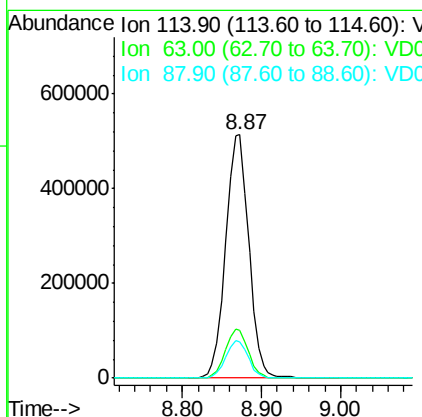
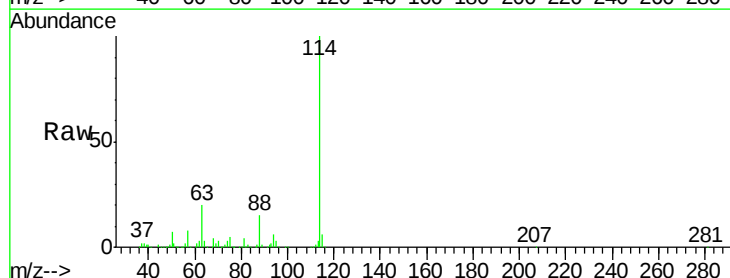
Instrument :
 MSVOA_D
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 HAM-SB-01-51-52

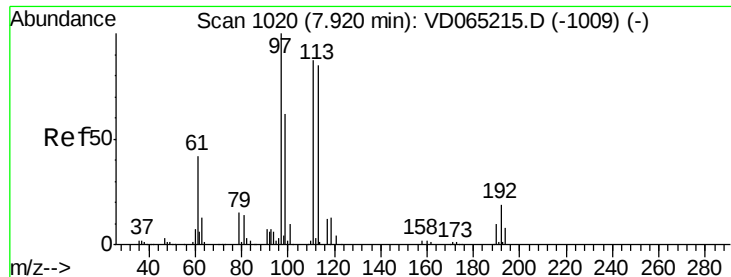
Tot Ion: 65 Resp: 294469
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065257.D
 Acq: 20 Feb 2020 16:01

Tgt Ion: 114 Resp: 1036846
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.105 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065257.D

Acq: 20 Feb 2020 16:01

Instrument :

MSVOA_D

ClientSampleId :

HAM-SB-01-51-52

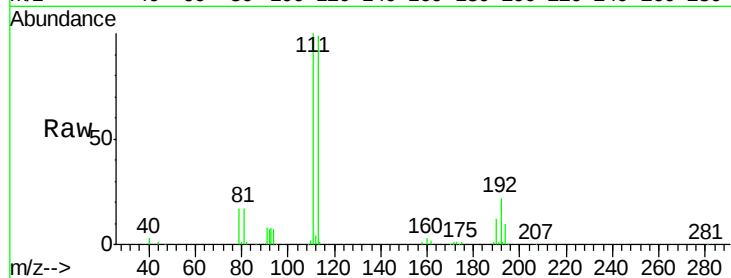
Tot Ion:113 Resp: 323092

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

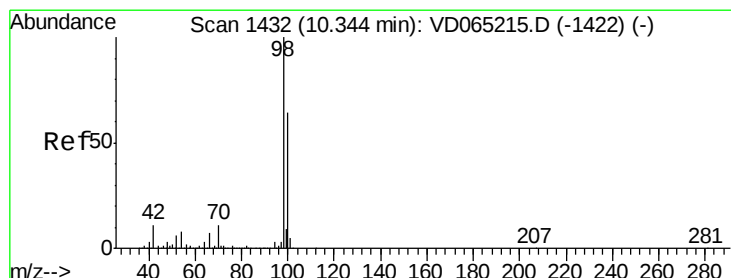
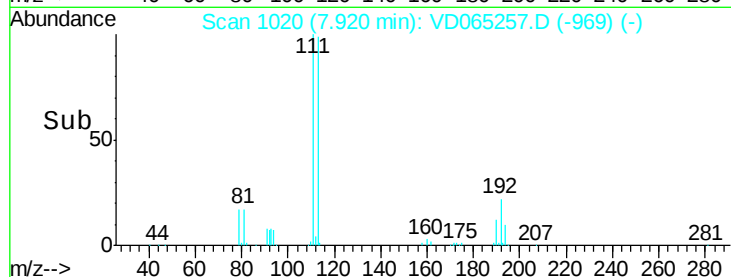
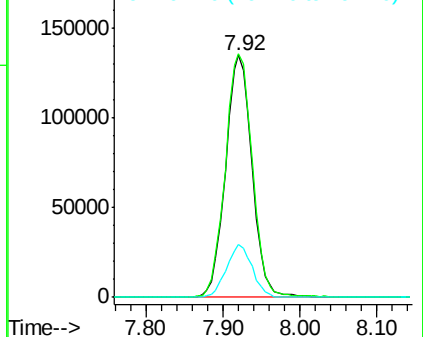
192 21.2 17.3 25.9



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: 51.469 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065257.D

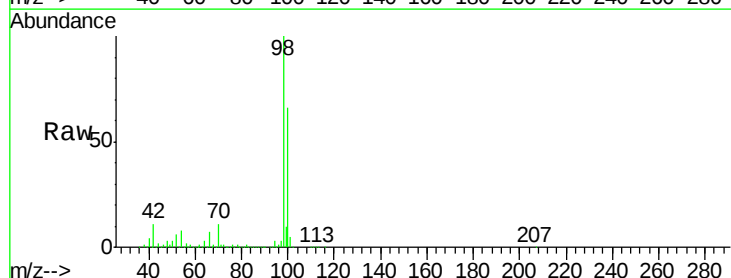
Acq: 20 Feb 2020 16:01

Tgt Ion: 98 Resp: 1243943

Ion Ratio Lower Upper

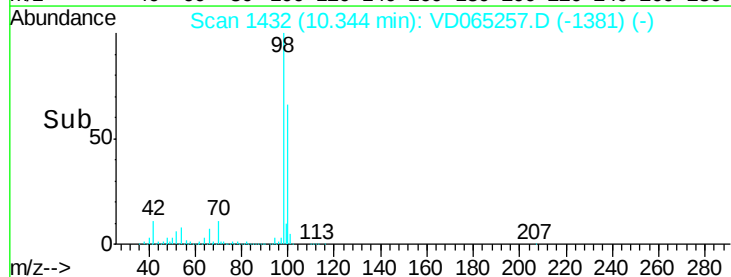
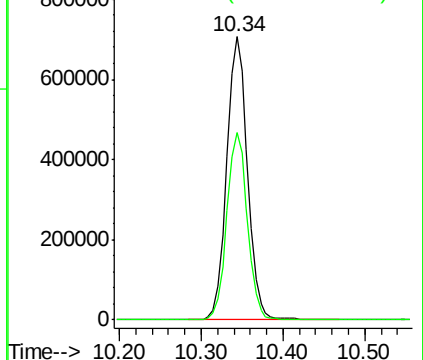
98 100

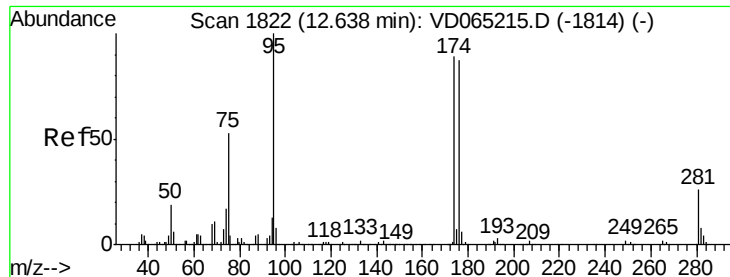
100 65.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

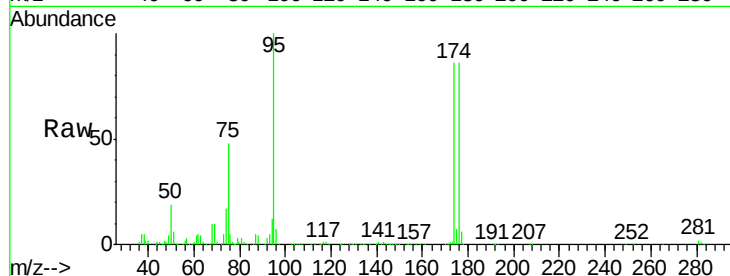




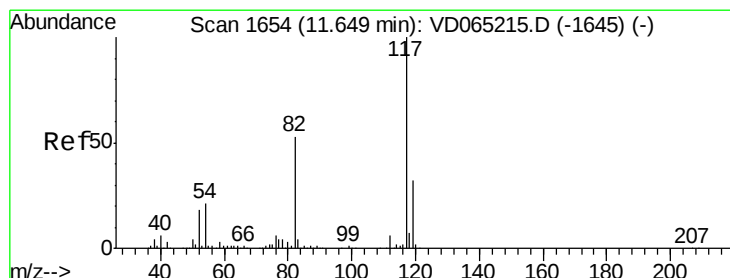
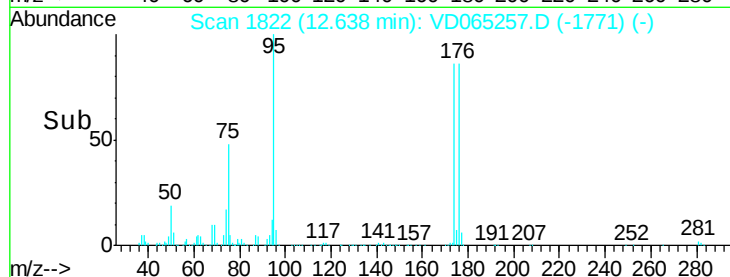
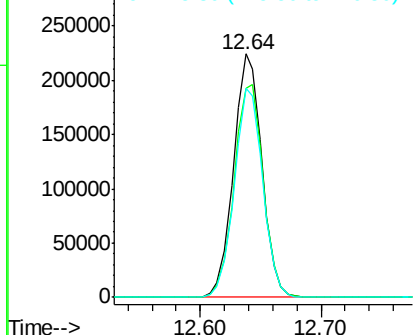
#62
4-Bromofluorobenzene
Concen: 47.792 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065257.D
Acq: 20 Feb 2020 16:01

Instrument :
MSVOA_D
ClientSampleId :
HAM-SB-01-51-52

Tot Ion: 95 Resp: 365918
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.0
176 86.2 0.0 174.4

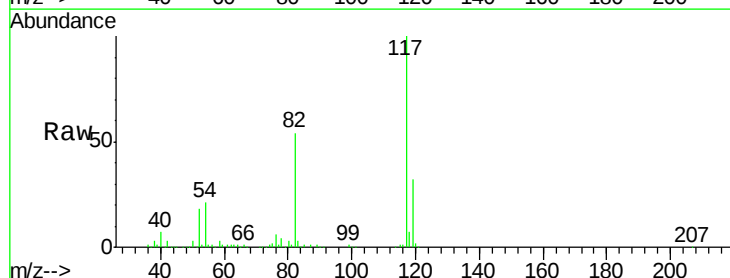


Abundance Ion 94.90 (94.60 to 95.60): VD
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

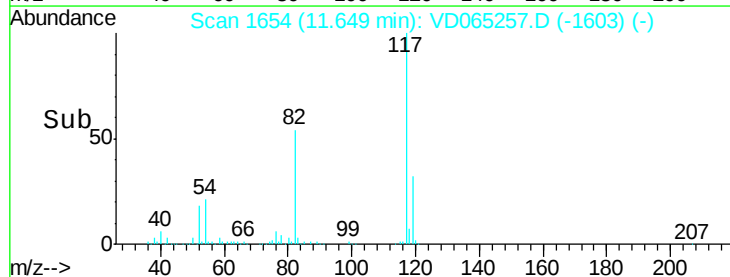
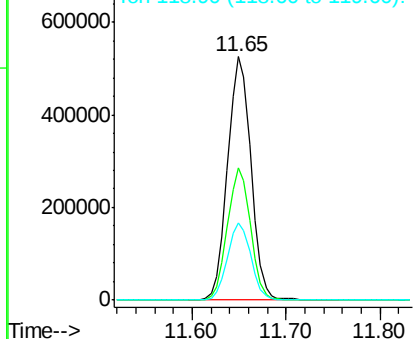


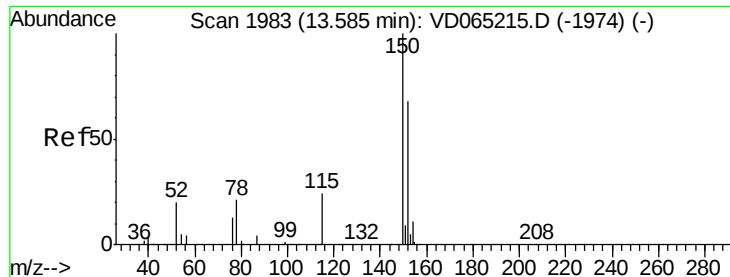
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065257.D
Acq: 20 Feb 2020 16:01

Tgt Ion: 117 Resp: 906624
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
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: VD065257.D

Acq: 20 Feb 2020 16:01

Instrument :

MSVOA_D

ClientSampleId :

HAM-SB-01-51-52

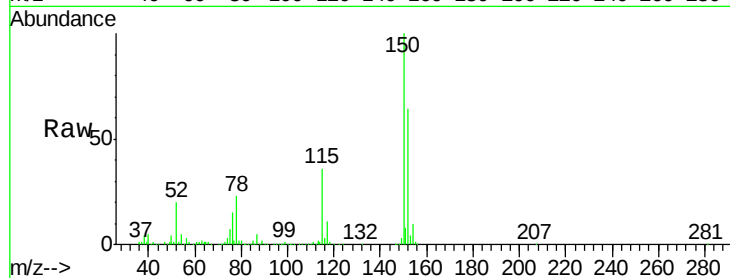
Tot Ion:152 Resp: 405507

Ion Ratio Lower Upper

152 100

115 55.6 27.6 82.8

150 156.9 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

