

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022020\
 Data File : VD065259.D
 Acq On : 20 Feb 2020 16:58
 Operator : VA/SY
 Sample : L1604-04
 Misc : 7.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HAM-SB-03-6.5-6.7

Quant Time: Feb 21 05:04:58 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

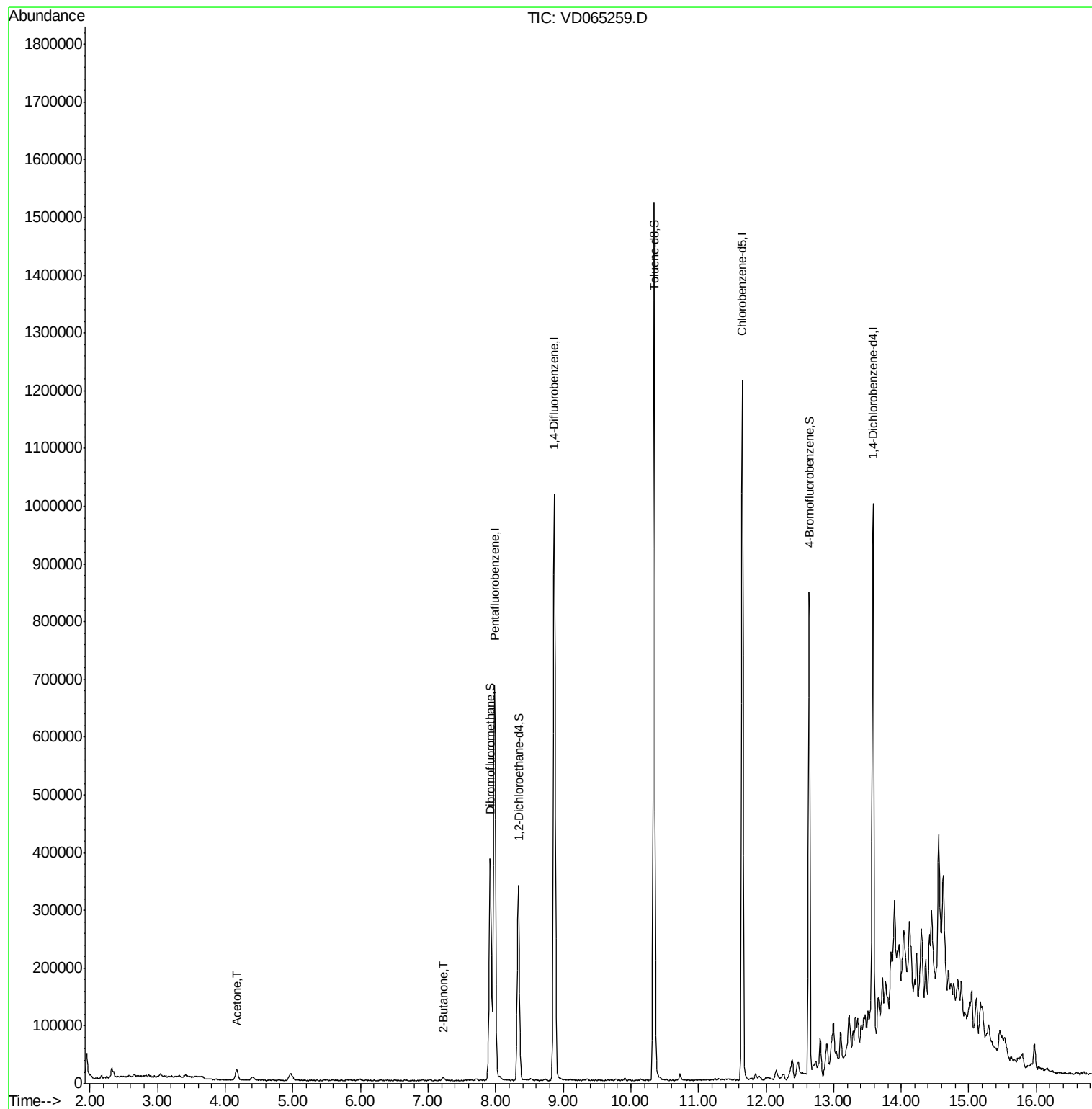
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	532135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	868257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	709516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	257488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	272247	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
35) Dibromofluoromethane	7.92	113	279986	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
50) Toluene-d8	10.34	98	1019671	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.64	95	271504	42.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.70%	
Target Compounds						
16) Acetone	4.17	43	33078	28.267	ug/l	99
25) 2-Butanone	7.22	43	7943	5.365	ug/l #	78

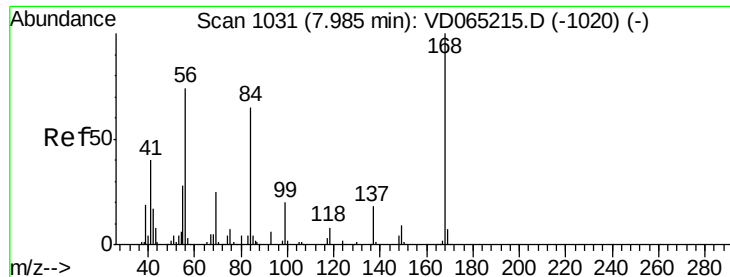
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065259.D

Acq: 20 Feb 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

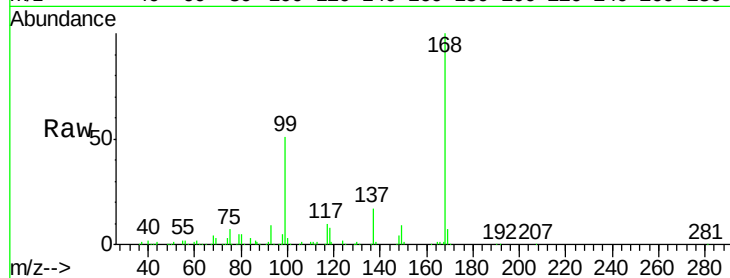
HAM-SB-03-6.5-6.7

Tot Ion:168 Resp: 532135

Ion Ratio Lower Upper

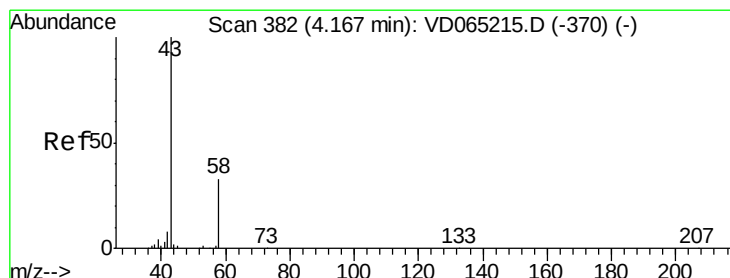
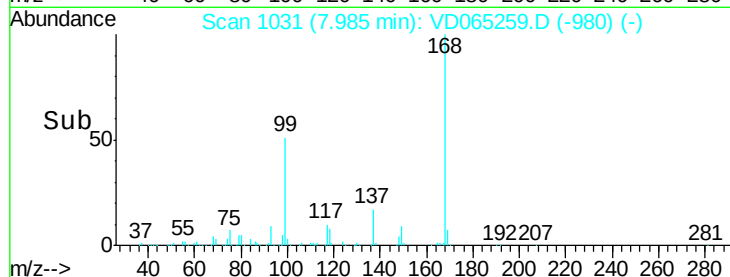
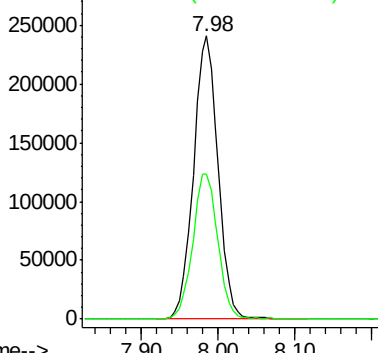
168 100

99 51.5 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 28.267 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065259.D

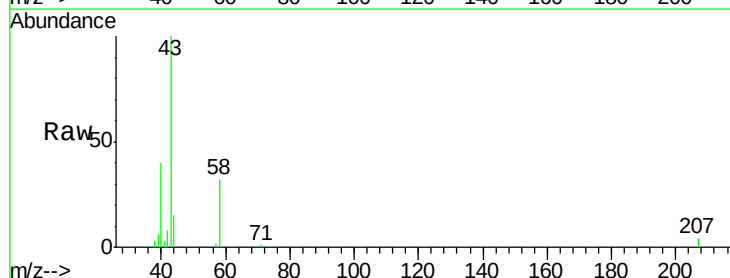
Acq: 20 Feb 2020 16:58

Tgt Ion: 43 Resp: 33078

Ion Ratio Lower Upper

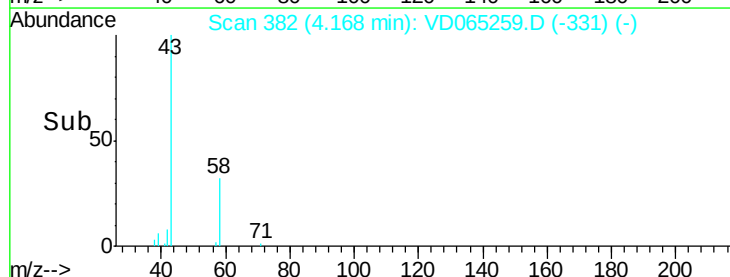
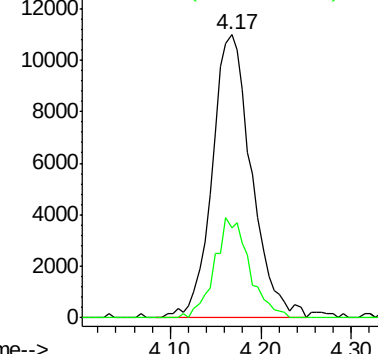
43 100

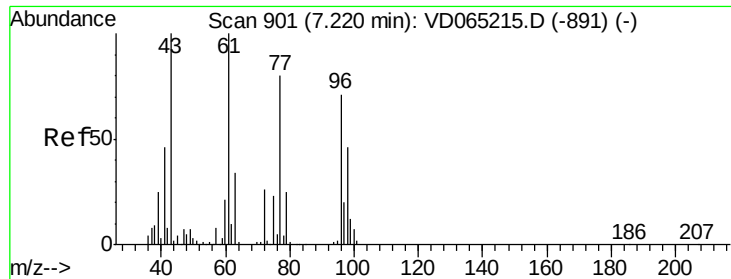
58 31.9 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

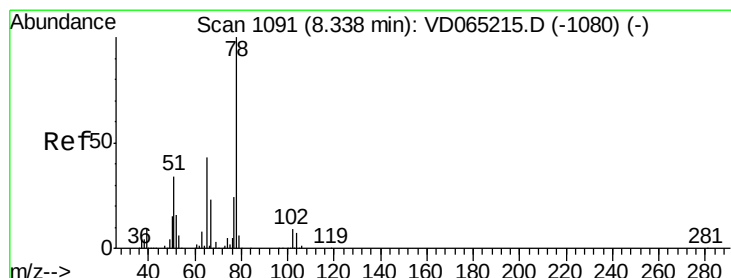
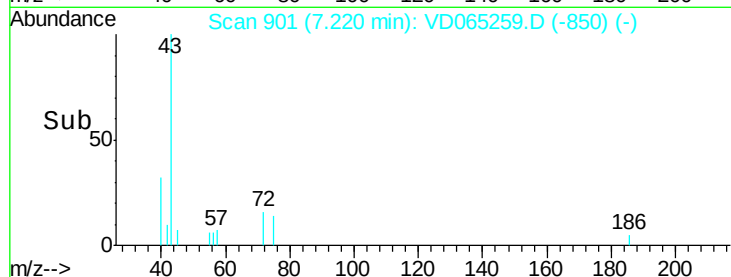
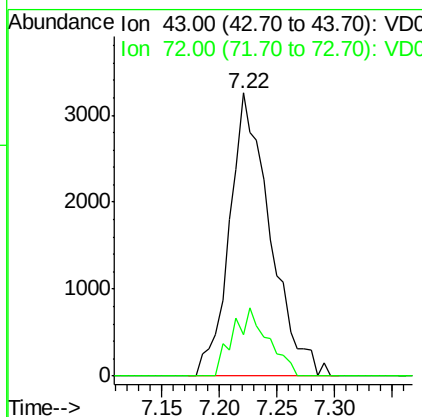
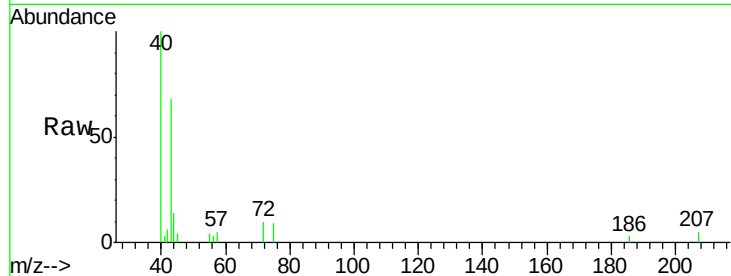




#25
2-Butanone
Concen: 5.365 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD065259.D
Acq: 20 Feb 2020 16:58

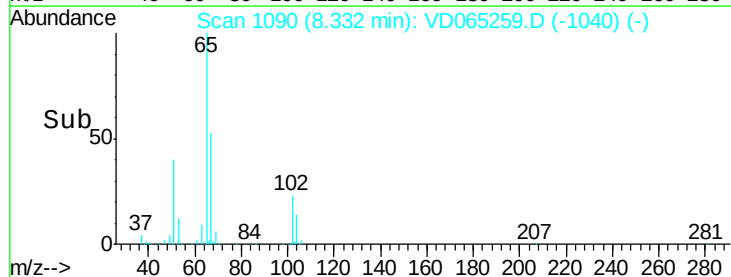
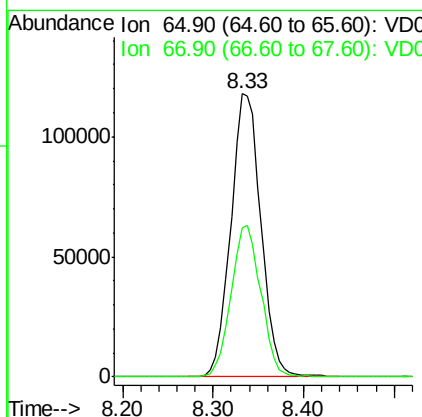
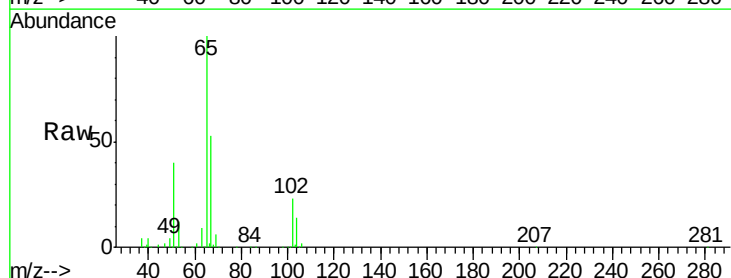
Instrument :
MSVOA_D
ClientSampleId :
HAM-SB-03-6.5-6.7

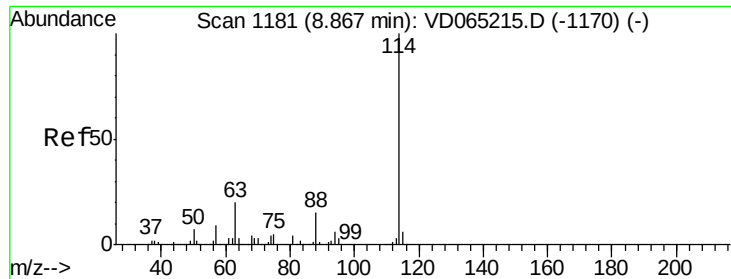
Tot Ion: 43 Resp: 7943
Ion Ratio Lower Upper
43 100
72 14.8 20.9 31.3#



#33
1,2-Dichloroethane-d4
Concen: 56.870 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065259.D
Acq: 20 Feb 2020 16:58

Tgt Ion: 65 Resp: 272247
Ion Ratio Lower Upper
65 100
67 53.1 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: VD065259.D

Acq: 20 Feb 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

HAM-SB-03-6.5-6.7

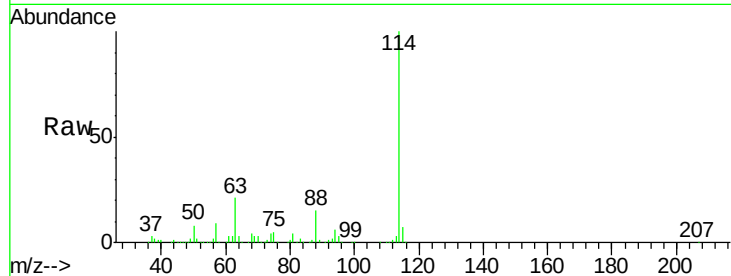
Tot Ion:114 Resp: 868257

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.4

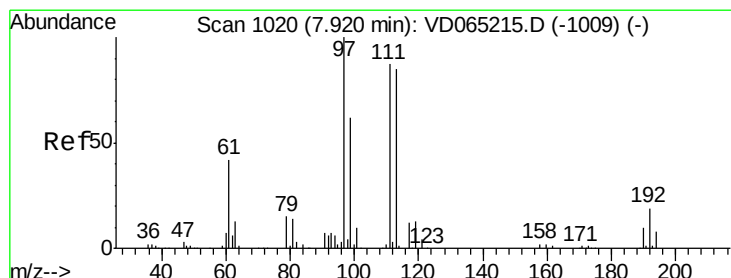
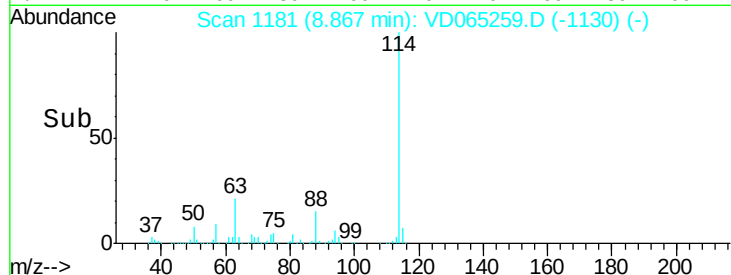
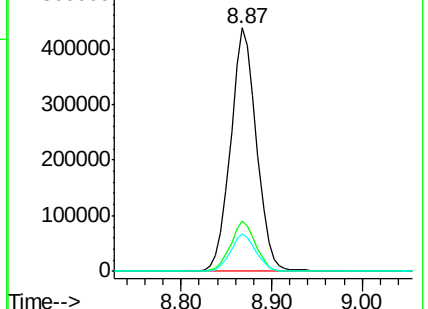
88 15.5 0.0 30.4



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: 52.886 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065259.D

Acq: 20 Feb 2020 16:58

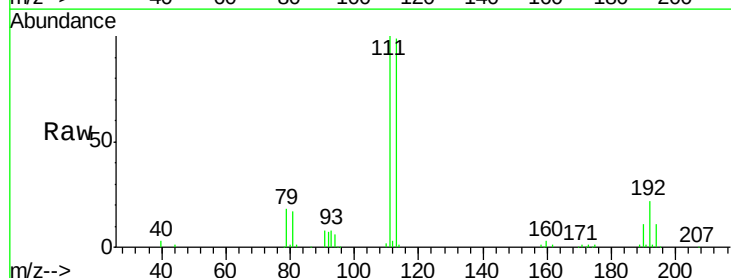
Tgt Ion:113 Resp: 279986

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

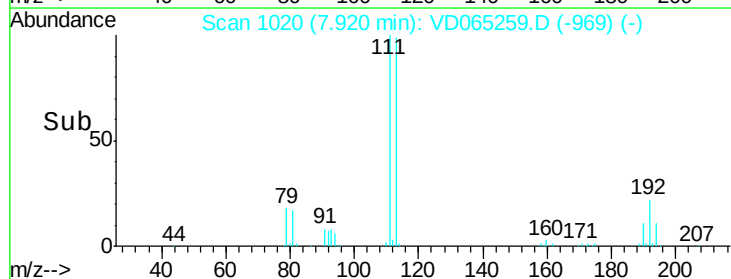
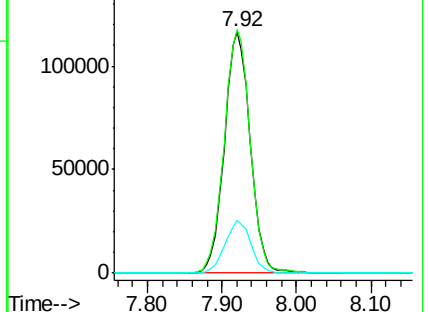
192 21.7 17.3 25.9

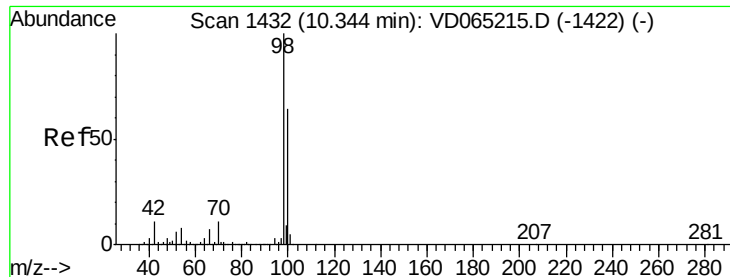


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.382 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065259.D

Acq: 20 Feb 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

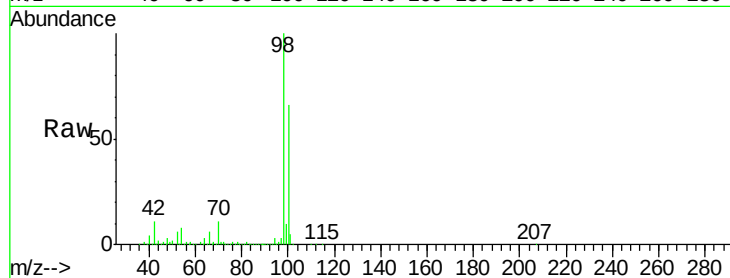
HAM-SB-03-6.5-6.7

Tot Ion: 98 Resp: 1019671

Ion Ratio Lower Upper

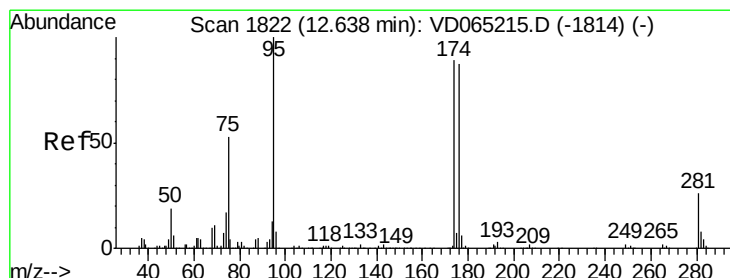
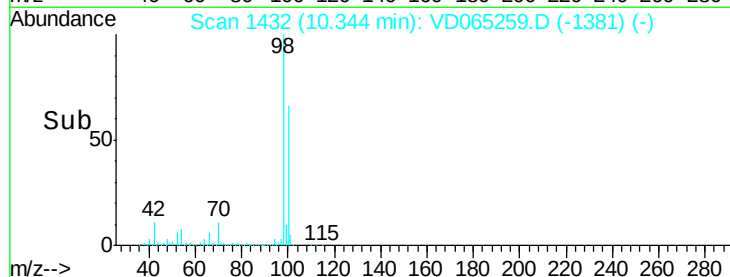
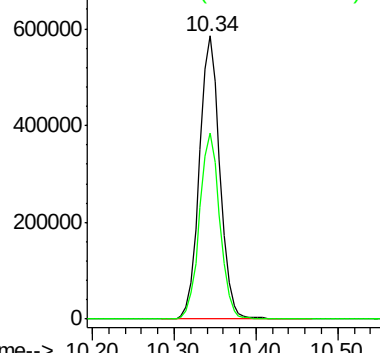
98 100

100 65.3 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: 42.346 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065259.D

Acq: 20 Feb 2020 16:58

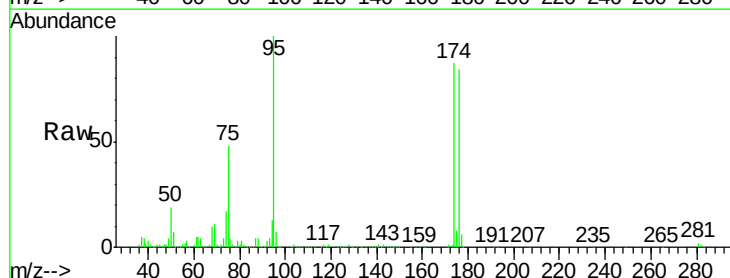
Tgt Ion: 95 Resp: 271504

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.0

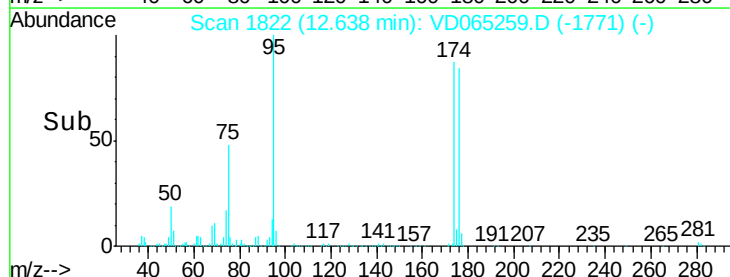
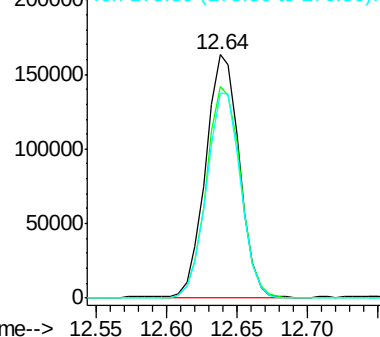
176 85.5 0.0 174.4

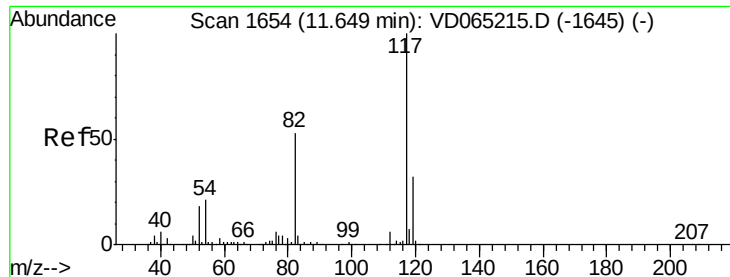


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

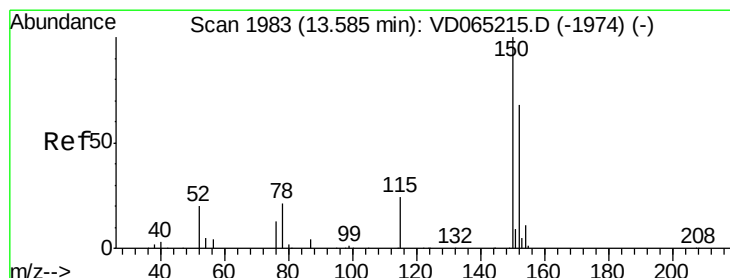
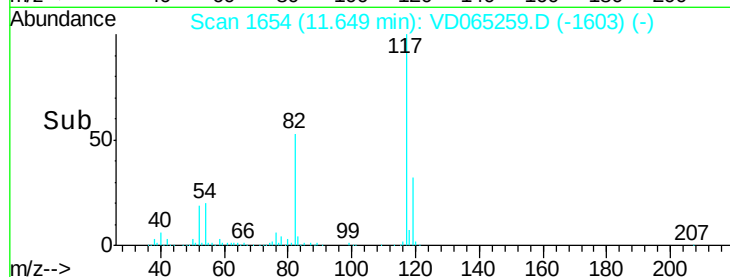
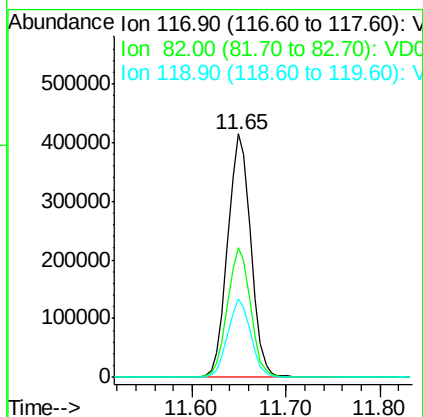
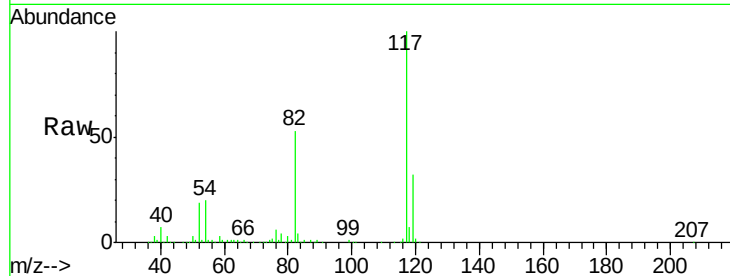




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065259.D
Acq: 20 Feb 2020 16:58

Instrument :
MSVOA_D
ClientSampleId :
HAM-SB-03-6.5-6.7

Tot Ion:117 Resp: 709516
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065259.D
Acq: 20 Feb 2020 16:58

Tgt Ion:152 Resp: 257488
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 154.6 0.0 347.4

