

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065095.D
 Acq On : 06 Feb 2020 19:15
 Operator : VA/SY
 Sample : L1393-08
 Misc : 6.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HAM-SB-02-1-2

Quant Time: Feb 07 07:09:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

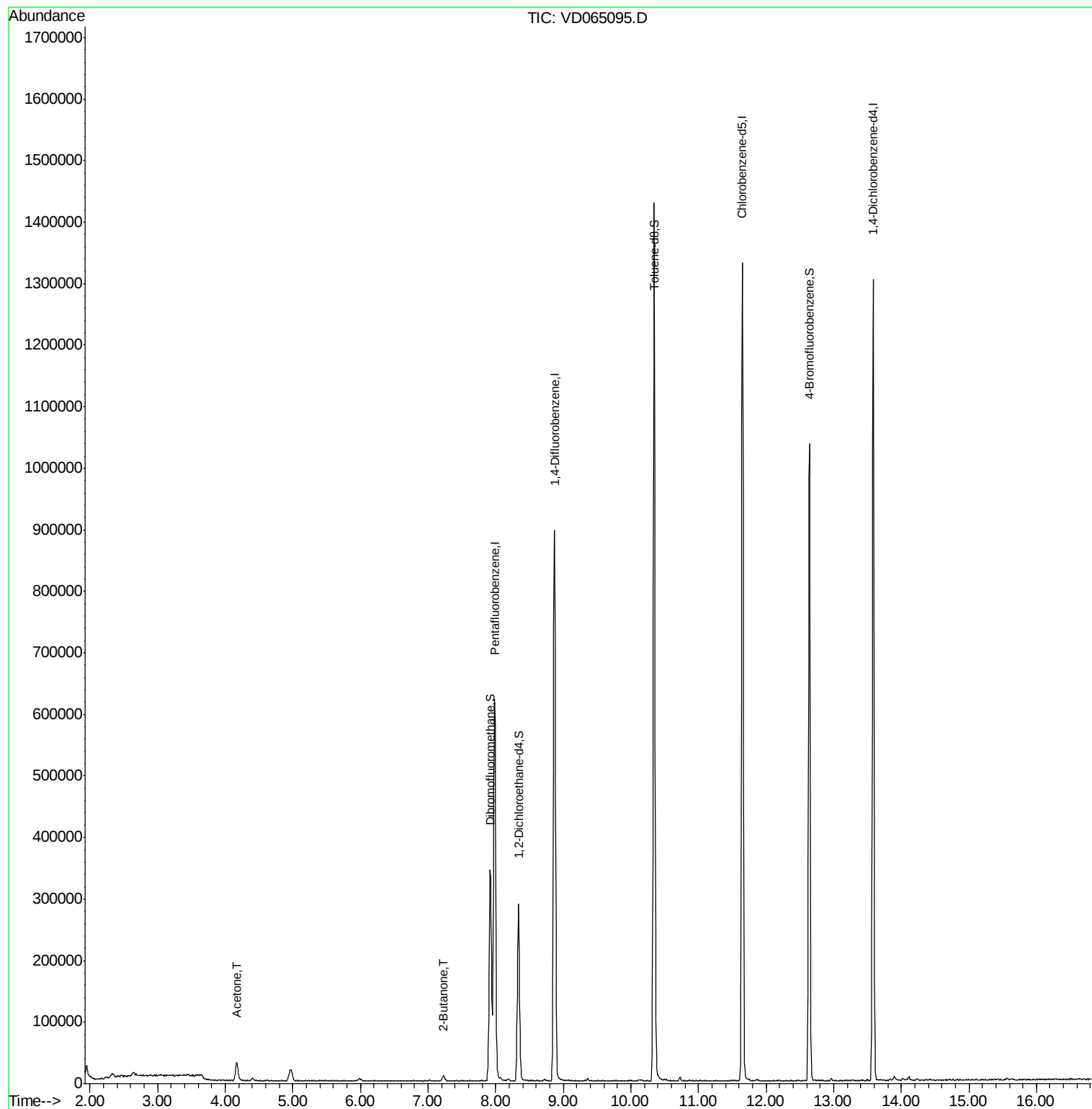
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	480308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	784882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	766460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	226883	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
35) Dibromofluoromethane	7.92	113	240971	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
50) Toluene-d8	10.34	98	951477	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
62) 4-Bromofluorobenzene	12.64	95	320773	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
Target Compounds						
16) Acetone	4.17	43	51794	50.747	ug/l	99
25) 2-Butanone	7.23	43	13899	11.416	ug/l	93

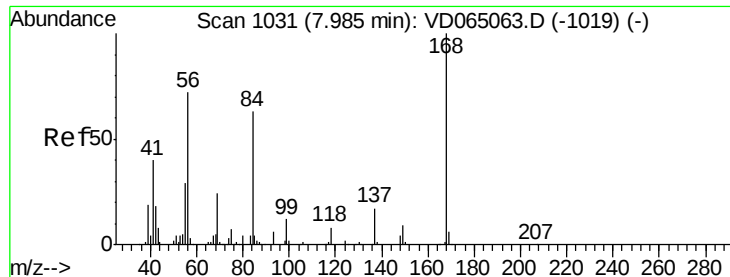
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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ClientSampleId :

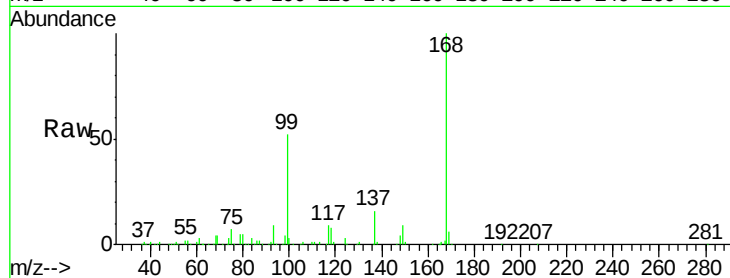
HAM-SB-02-1-2

Tot Ion:168 Resp: 480308

Ion Ratio Lower Upper

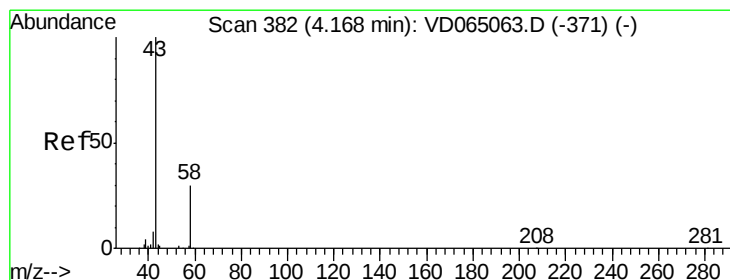
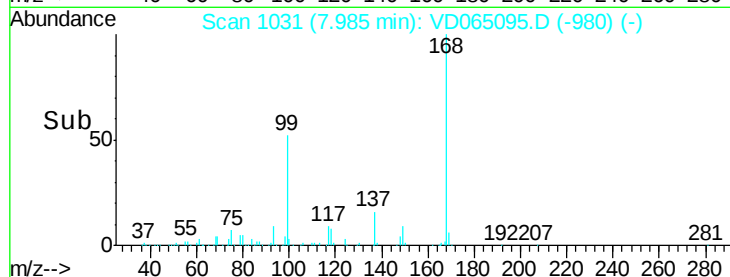
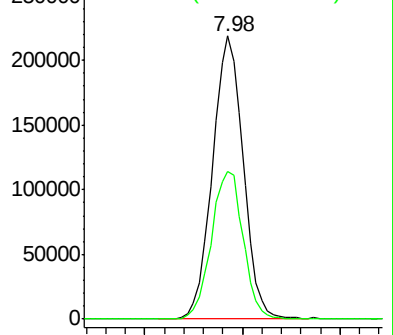
168 100

99 52.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 50.747 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065095.D

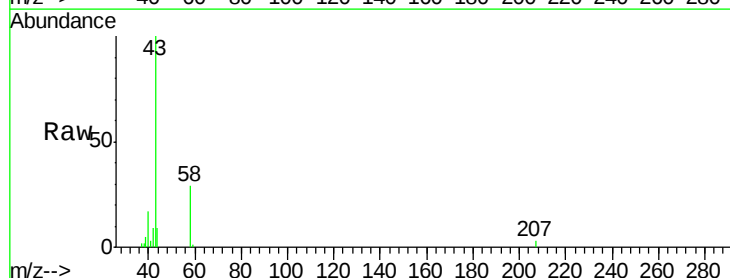
Acq: 06 Feb 2020 19:15

Tgt Ion: 43 Resp: 51794

Ion Ratio Lower Upper

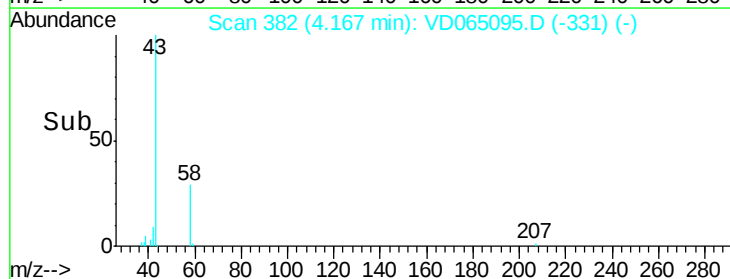
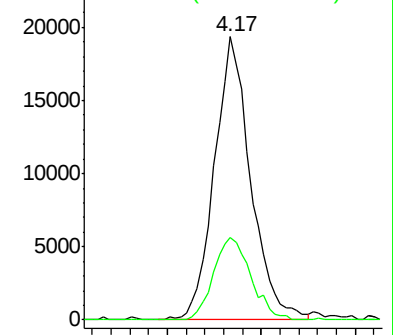
43 100

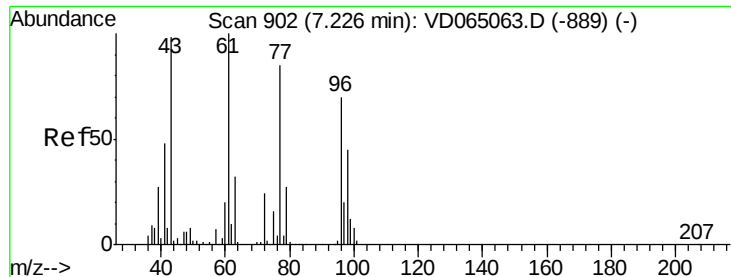
58 28.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 11.416 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD065095.D

Acq: 06 Feb 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

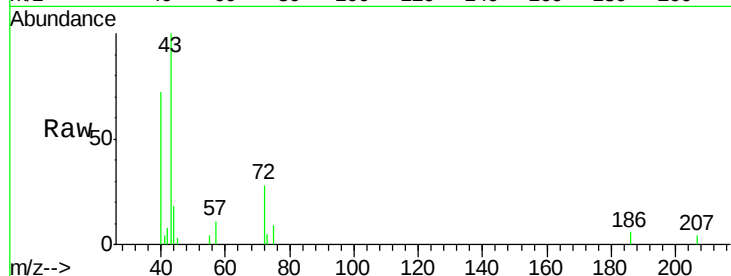
HAM-SB-02-1-2

Tot Ion: 43 Resp: 13899

Ion Ratio Lower Upper

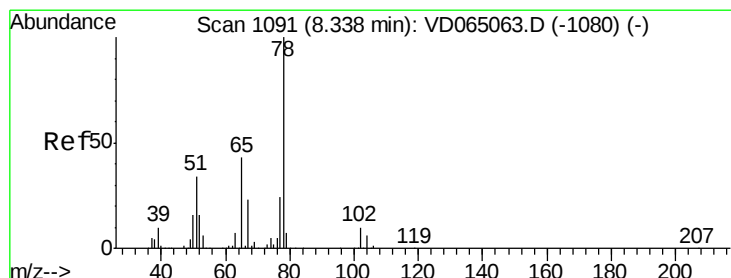
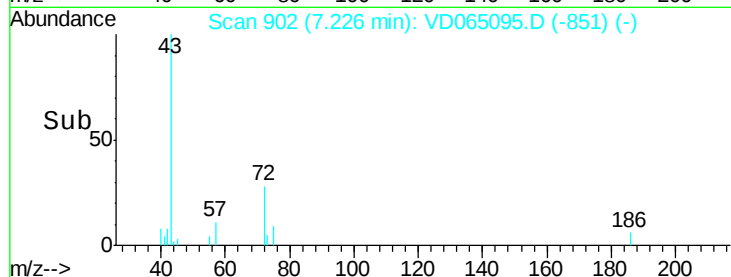
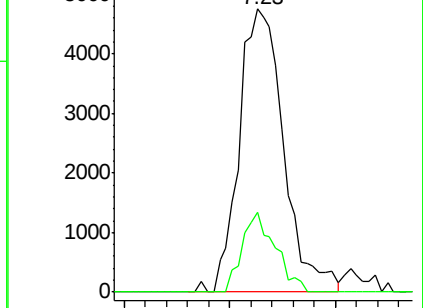
43 100

72 28.4 19.9 29.9



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: 55.579 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065095.D

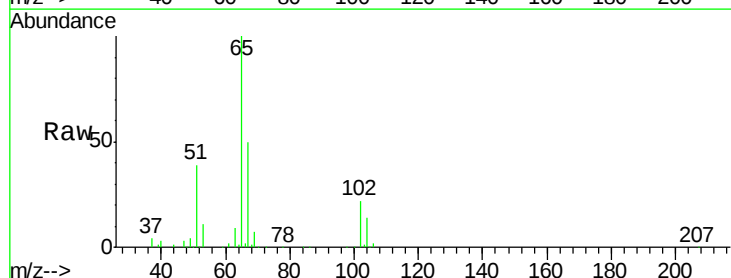
Acq: 06 Feb 2020 19:15

Tgt Ion: 65 Resp: 226883

Ion Ratio Lower Upper

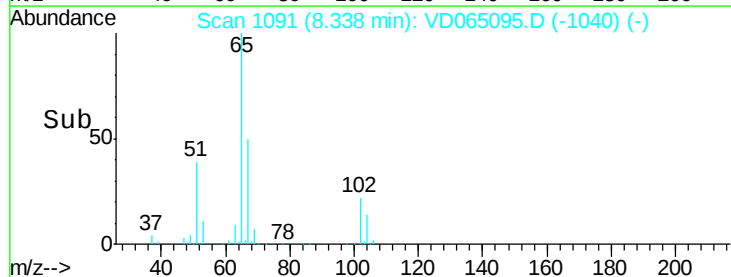
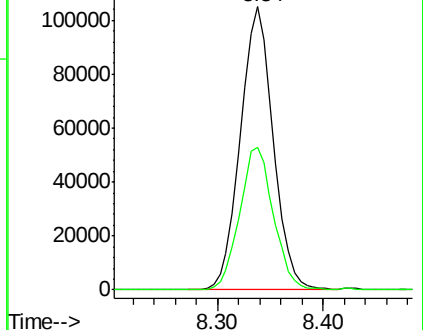
65 100

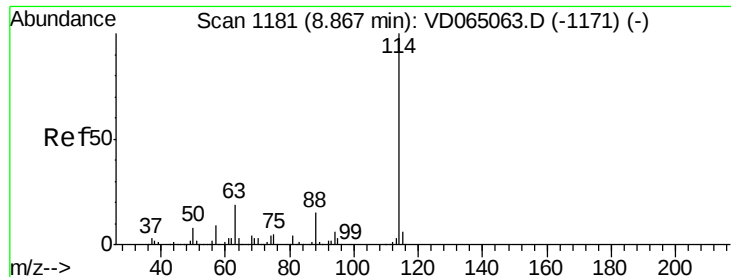
67 51.6 0.0 105.8



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# 1182

Delta R.T. 0.01 min

Lab File: VD065095.D

Acq: 06 Feb 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

HAM-SB-02-1-2

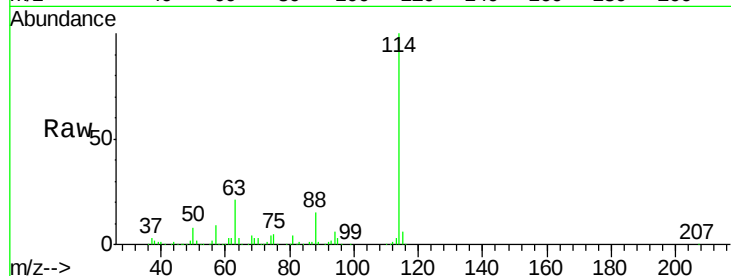
Tot Ion:114 Resp: 784882

Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.8

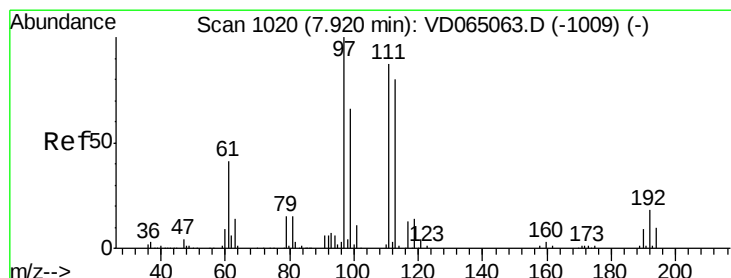
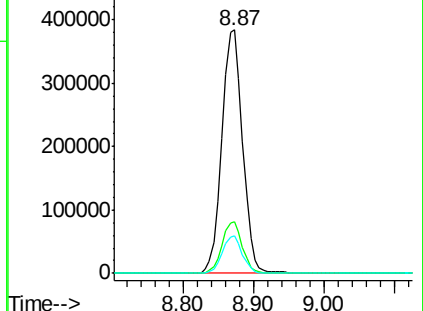
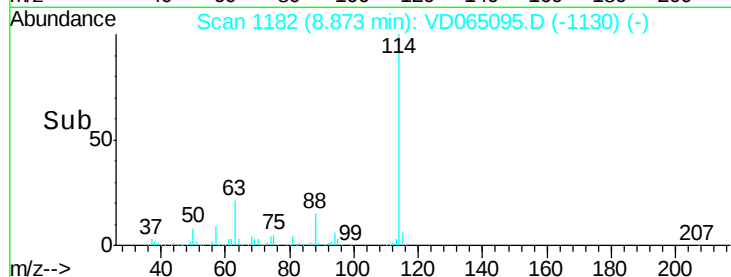
88 15.3 0.0 29.6



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: 55.027 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065095.D

Acq: 06 Feb 2020 19:15

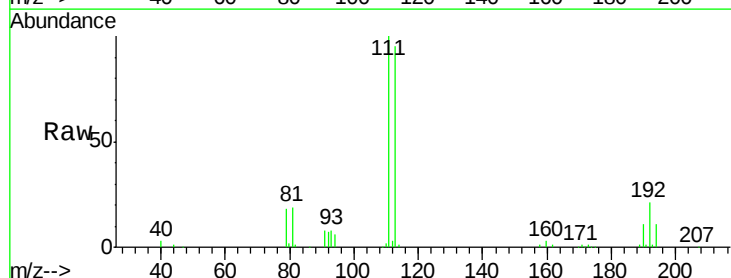
Tgt Ion:113 Resp: 240971

Ion Ratio Lower Upper

113 100

111 102.2 83.1 124.7

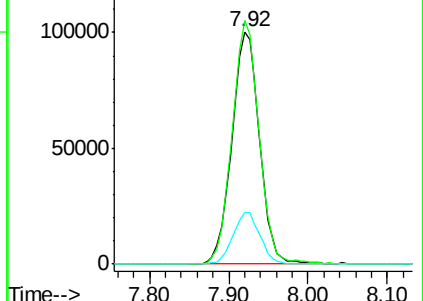
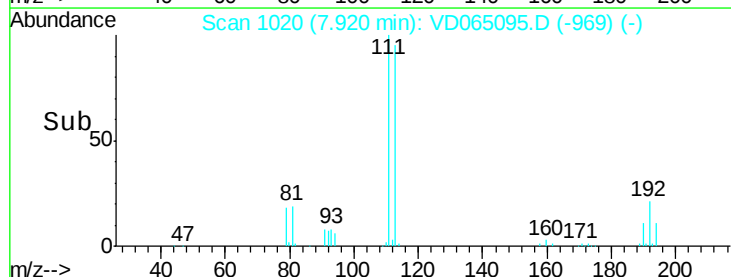
192 21.9 18.1 27.1

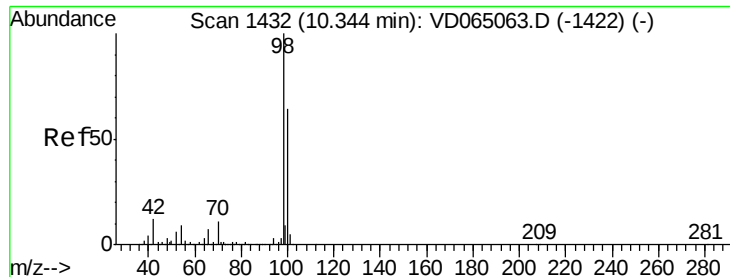


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

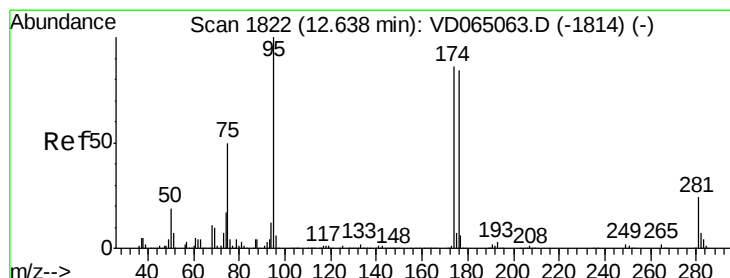
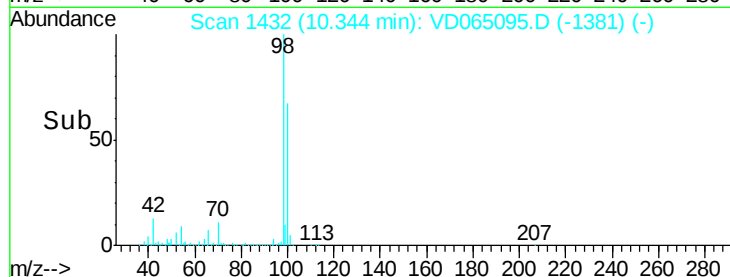
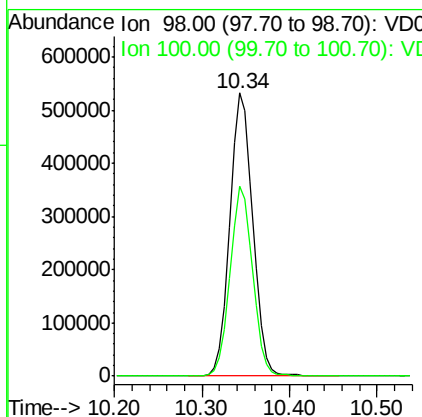
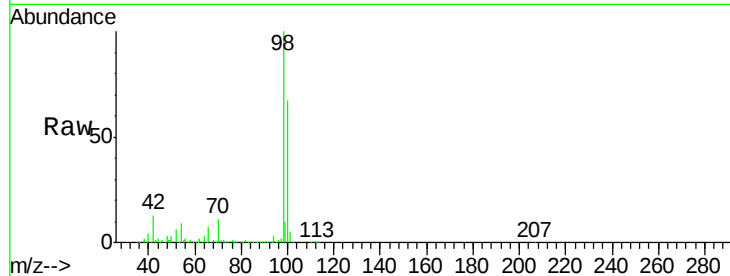




#50
Toluene-d8
Concen: 54.587 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

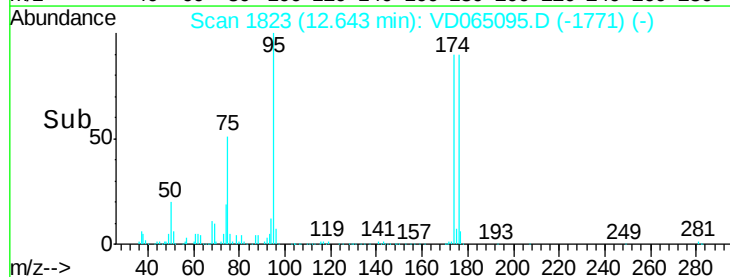
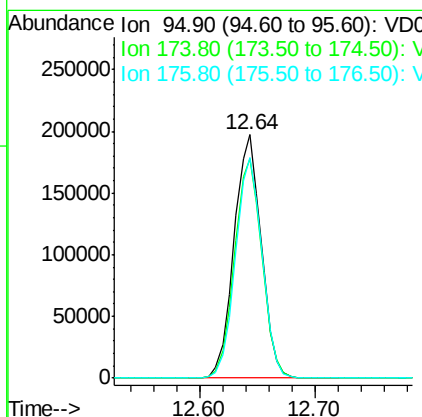
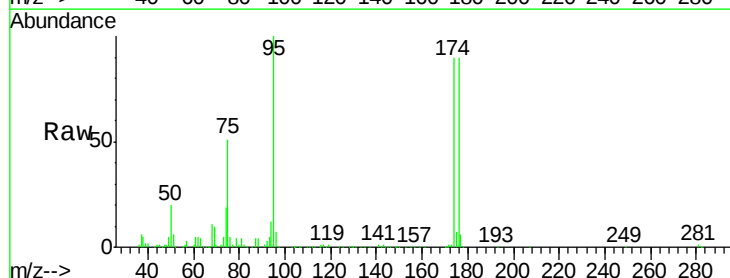
Instrument :
MSVOA_D
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HAM-SB-02-1-2

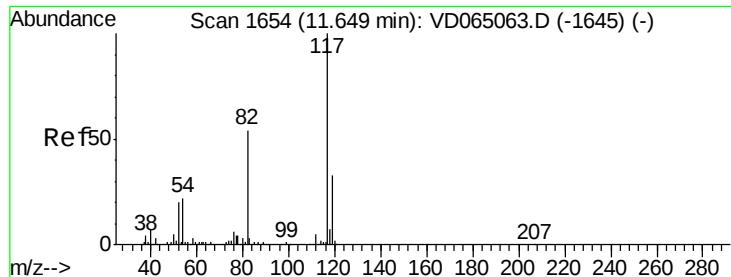
Tot Ion: 98 Resp: 951477
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 58.079 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Tgt Ion: 95 Resp: 320773
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.0
176 88.6 0.0 173.2

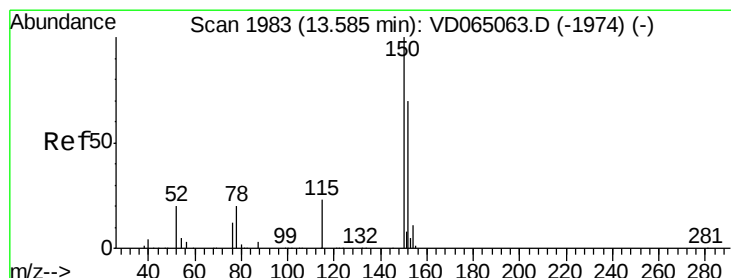
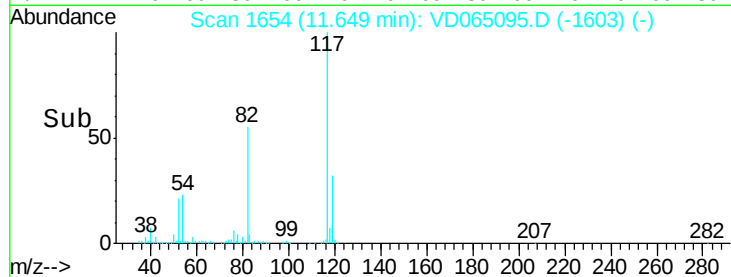
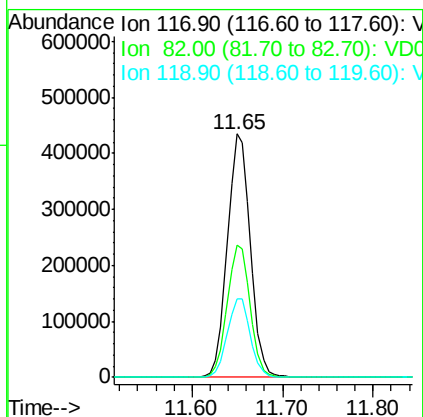
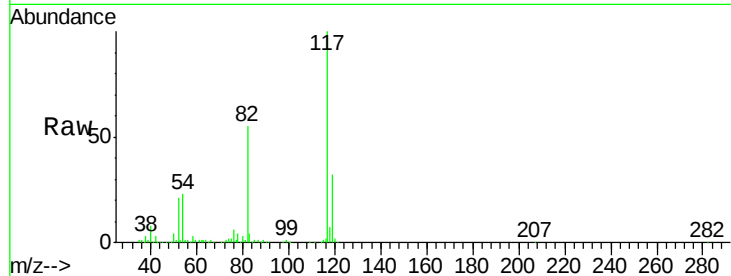




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
HAM-SB-02-1-2

Tot Ion:117 Resp: 766460
Ion Ratio Lower Upper
117 100
82 54.6 43.1 64.7
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065095.D
Acq: 06 Feb 2020 19:15

Tgt Ion:152 Resp: 346701
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.4
150 156.3 0.0 343.2

