

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065090.D
 Acq On : 06 Feb 2020 16:51
 Operator : VA/SY
 Sample : L1393-02
 Misc : 7.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HAM-SB-07-2-3

Quant Time: Feb 07 06:49:57 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

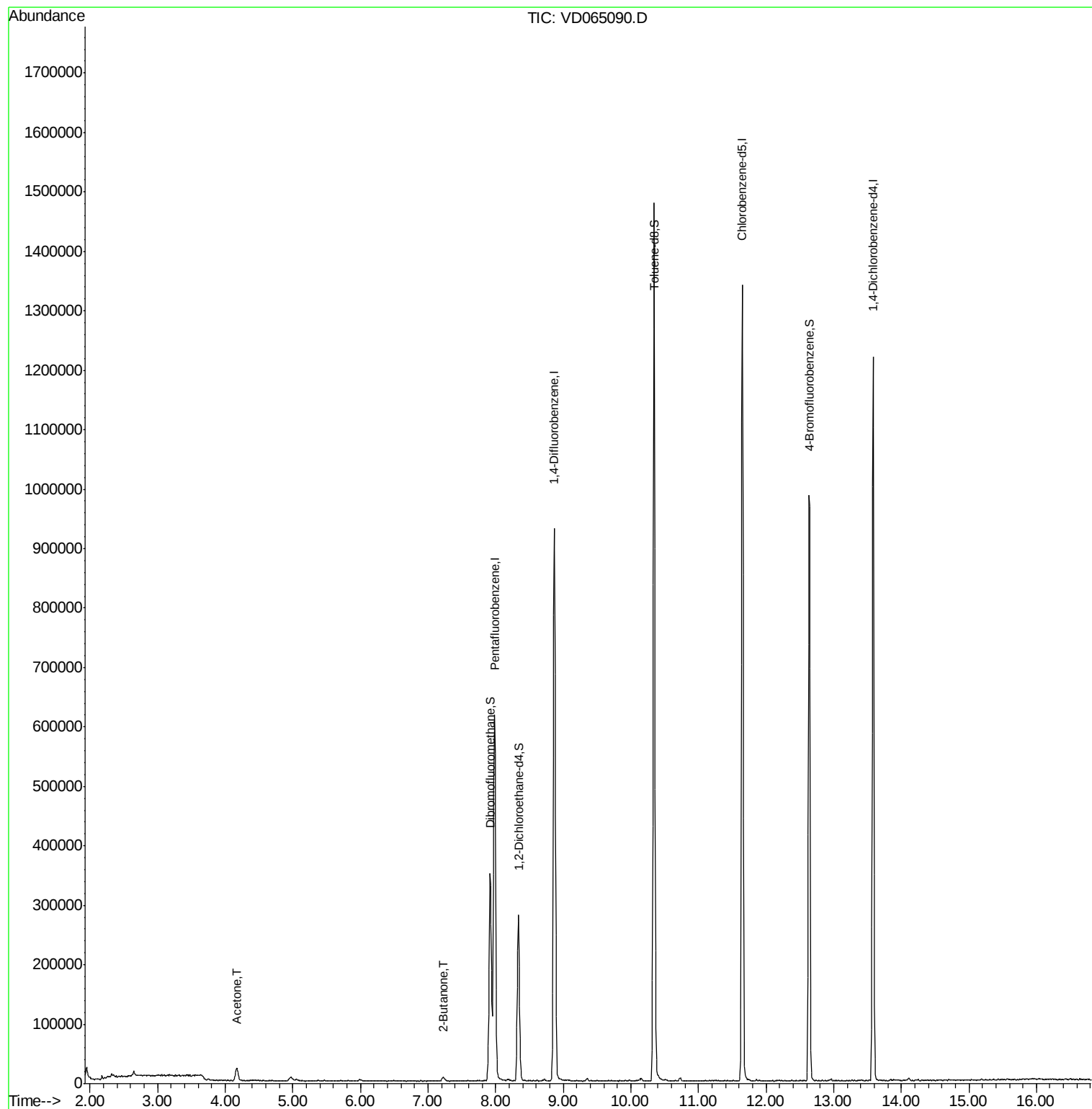
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	483032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	802795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	757880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	227489	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
35) Dibromofluoromethane	7.92	113	245768	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
50) Toluene-d8	10.34	98	973085	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
62) 4-Bromofluorobenzene	12.64	95	312948	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
Target Compounds						
16) Acetone	4.17	43	38813	37.814	ug/l	94
25) 2-Butanone	7.23	43	8847	7.226	ug/l	92

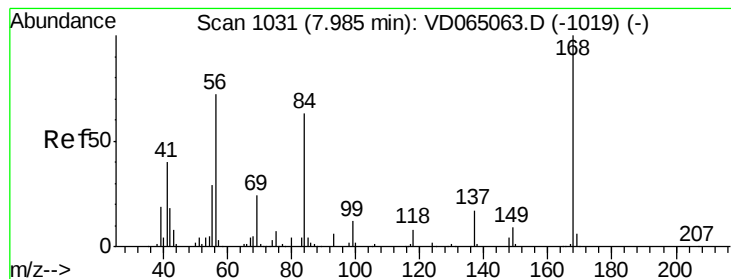
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_D

ClientSampleId :

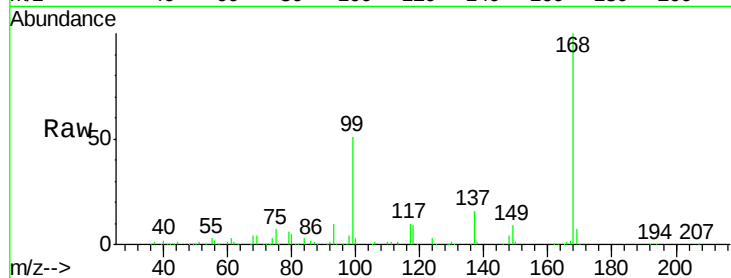
HAM-SB-07-2-3

Tot Ion:168 Resp: 483032

Ion Ratio Lower Upper

168 100

99 51.4 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

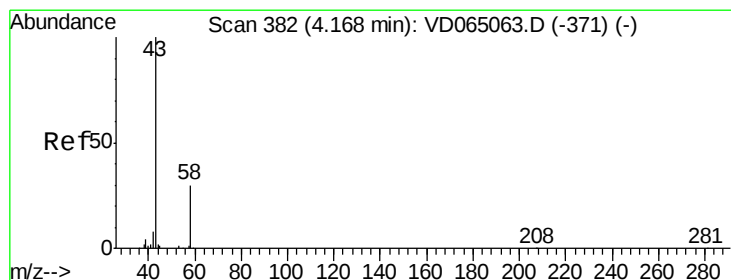
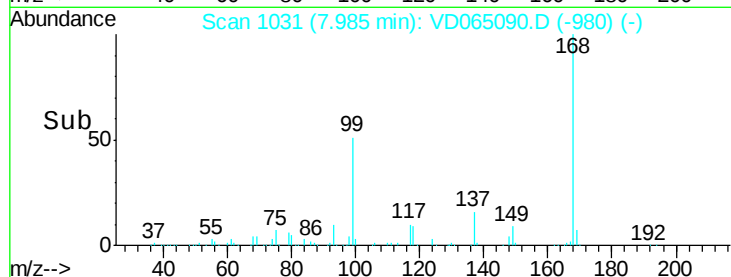
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 37.814 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065090.D

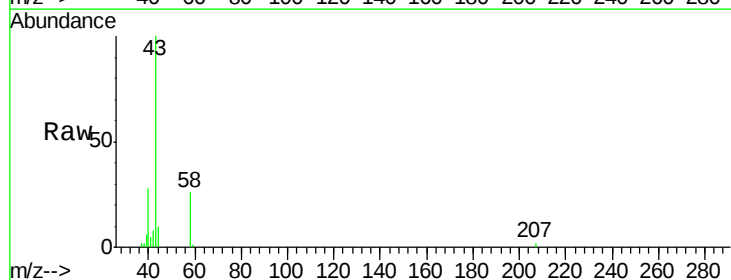
Acq: 06 Feb 2020 16:51

Tgt Ion: 43 Resp: 38813

Ion Ratio Lower Upper

43 100

58 25.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

15000

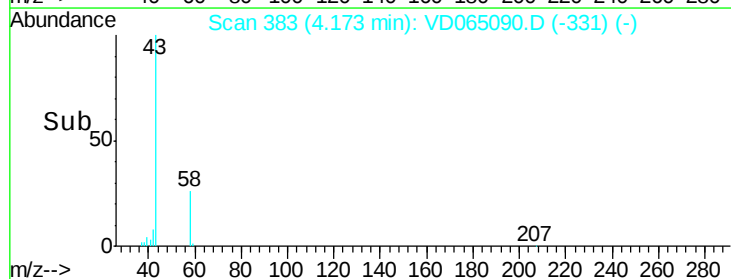
10000

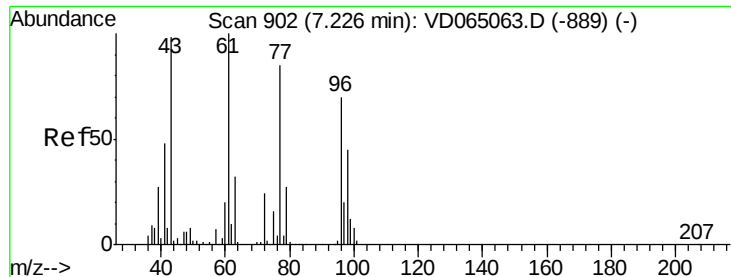
5000

0

Time-->

4.10 4.20 4.30





#25

2-Butanone

Concen: 7.226 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD065090.D

Acq: 06 Feb 2020 16:51

Instrument :

MSVOA_D

ClientSampleId :

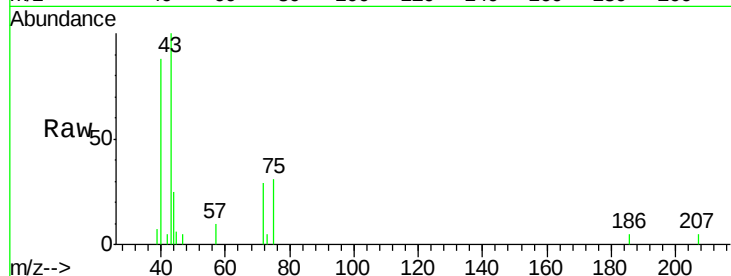
HAM-SB-07-2-3

Tot Ion: 43 Resp: 8847

Ion Ratio Lower Upper

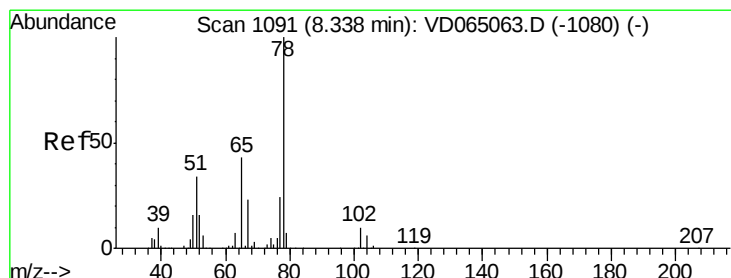
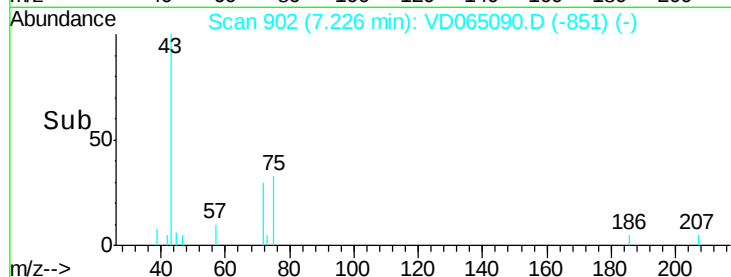
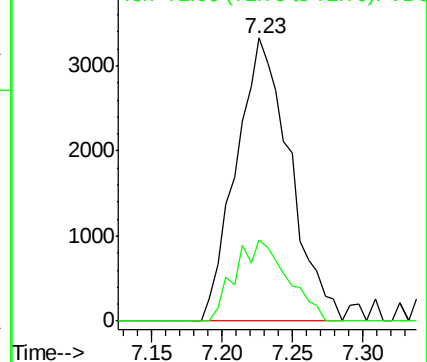
43 100

72 28.9 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: 55.413 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065090.D

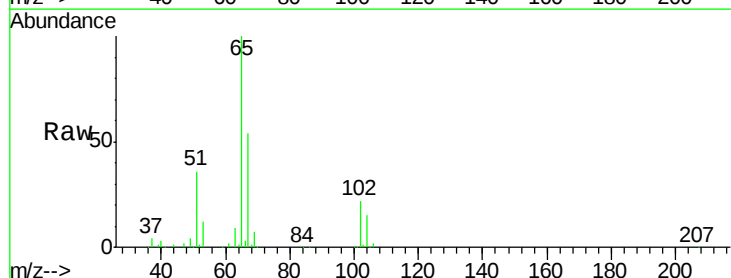
Acq: 06 Feb 2020 16:51

Tgt Ion: 65 Resp: 227489

Ion Ratio Lower Upper

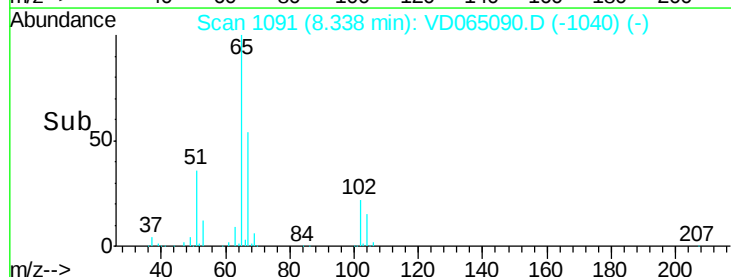
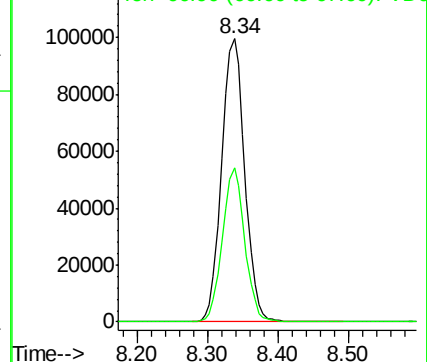
65 100

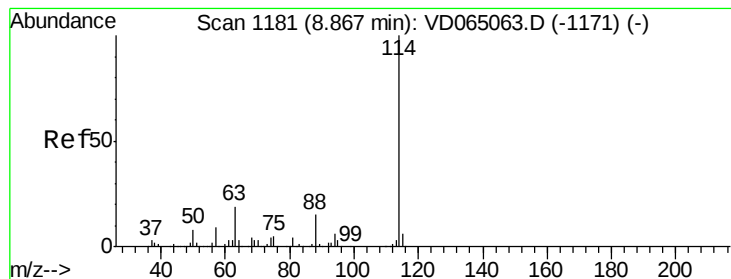
67 52.4 0.0 105.8



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# 1181

Delta R.T. -0.00 min

Lab File: VD065090.D

Acq: 06 Feb 2020 16:51

Instrument :

MSVOA_D

ClientSampleId :

HAM-SB-07-2-3

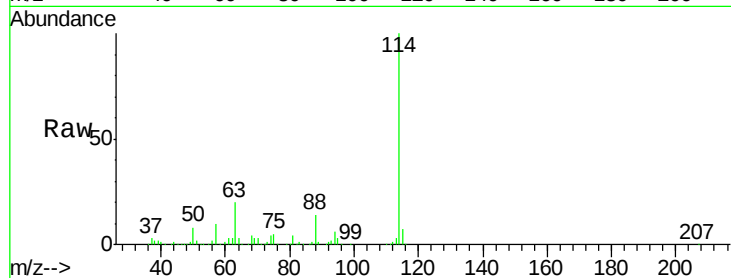
Tot Ion:114 Resp: 802795

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

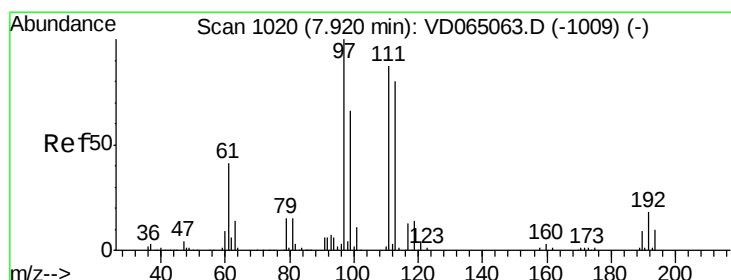
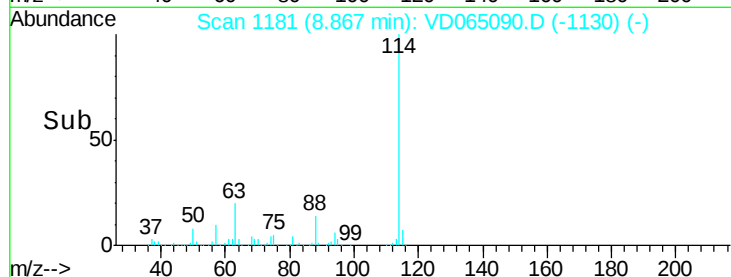
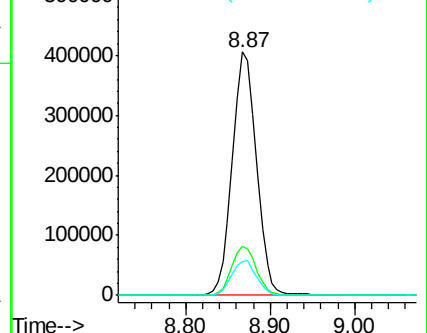
88 14.0 0.0 29.6



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: 54.870 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065090.D

Acq: 06 Feb 2020 16:51

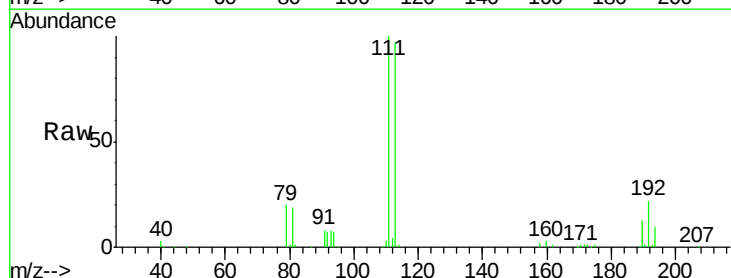
Tgt Ion:113 Resp: 245768

Ion Ratio Lower Upper

113 100

111 103.3 83.1 124.7

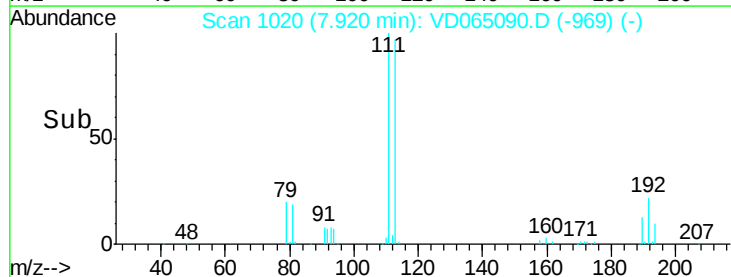
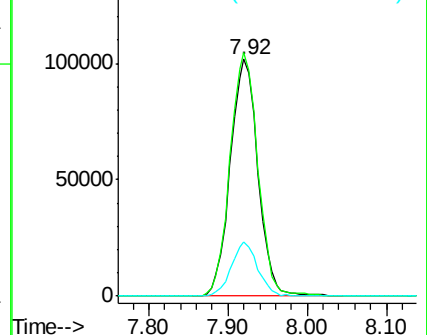
192 21.7 18.1 27.1

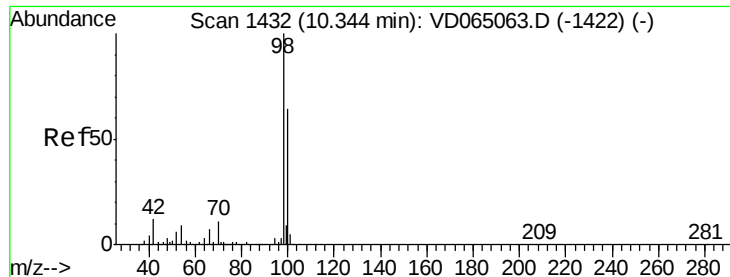


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.581 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065090.D

Acq: 06 Feb 2020 16:51

Instrument :

MSVOA_D

ClientSampleId :

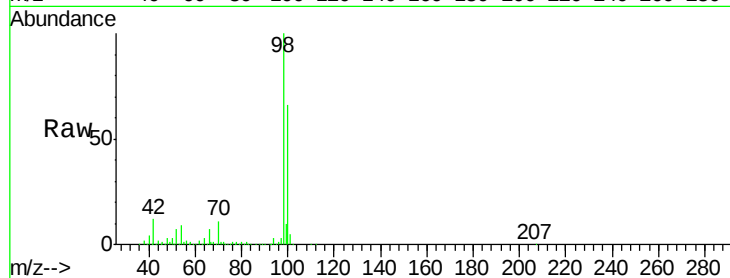
HAM-SB-07-2-3

Tot Ion: 98 Resp: 973085

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD

Ion 100.00 (99.70 to 100.70): VD

10.34

600000

500000

400000

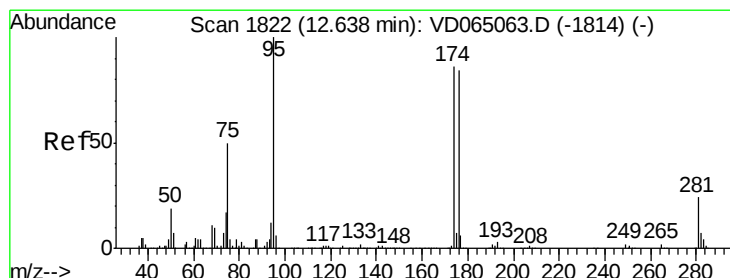
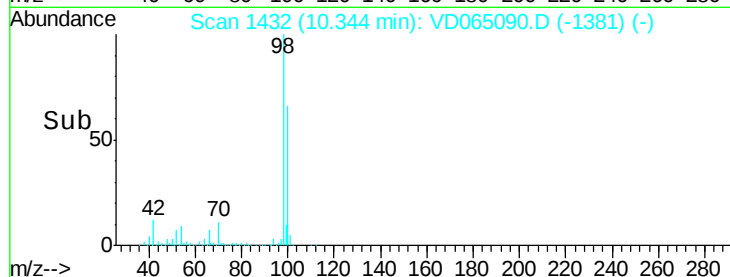
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 55.398 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065090.D

Acq: 06 Feb 2020 16:51

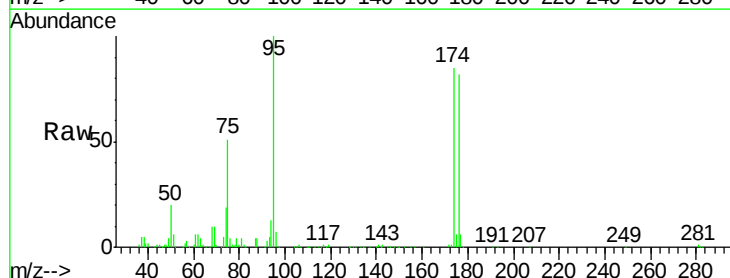
Tgt Ion: 95 Resp: 312948

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

176 86.1 0.0 173.2



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

250000

200000

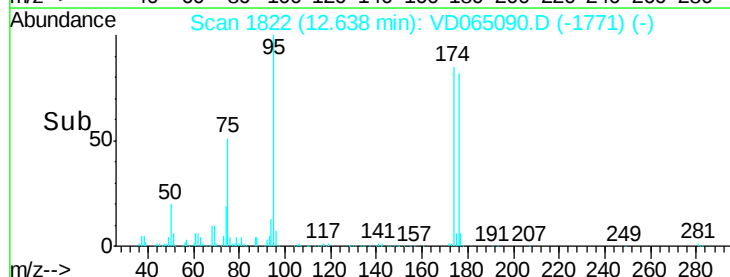
150000

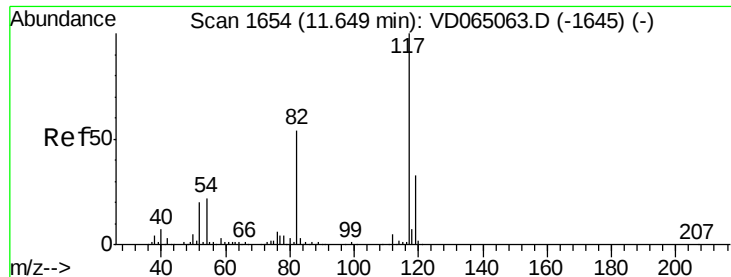
100000

50000

0

Time--> 12.60 12.70

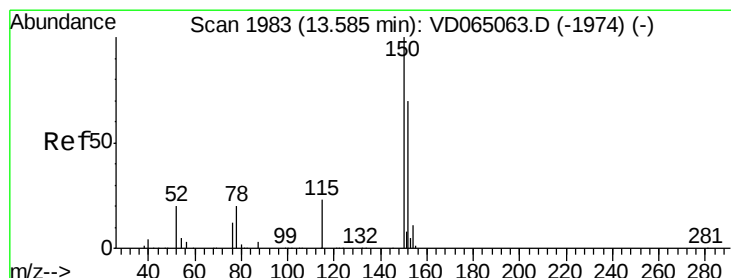
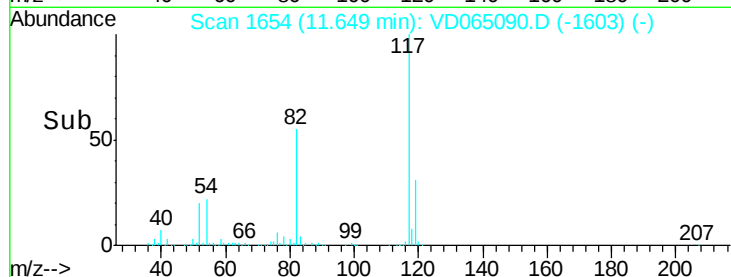
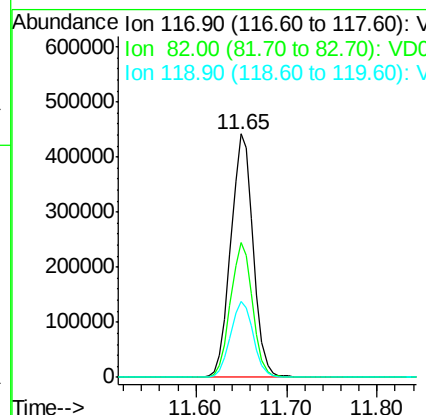
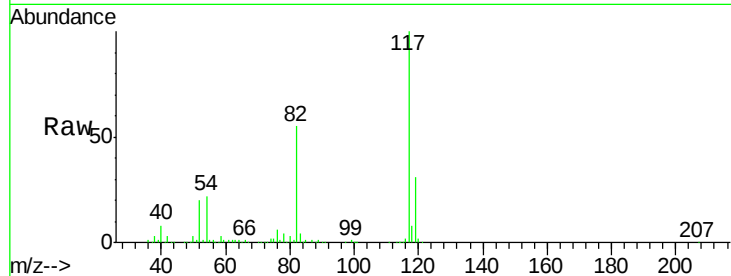




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065090.D
Acq: 06 Feb 2020 16:51

Instrument :
MSVOA_D
ClientSampleId :
HAM-SB-07-2-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.1	64.7
119	31.4	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: VD065090.D
Acq: 06 Feb 2020 16:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.5	82.4
150	157.6	0.0	343.2

