

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065096.D
 Acq On : 06 Feb 2020 19:44
 Operator : VA/SY
 Sample : L1393-09RE
 Misc : 7.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HAM-SB-02-2-3RE

Quant Time: Feb 07 07:10:53 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

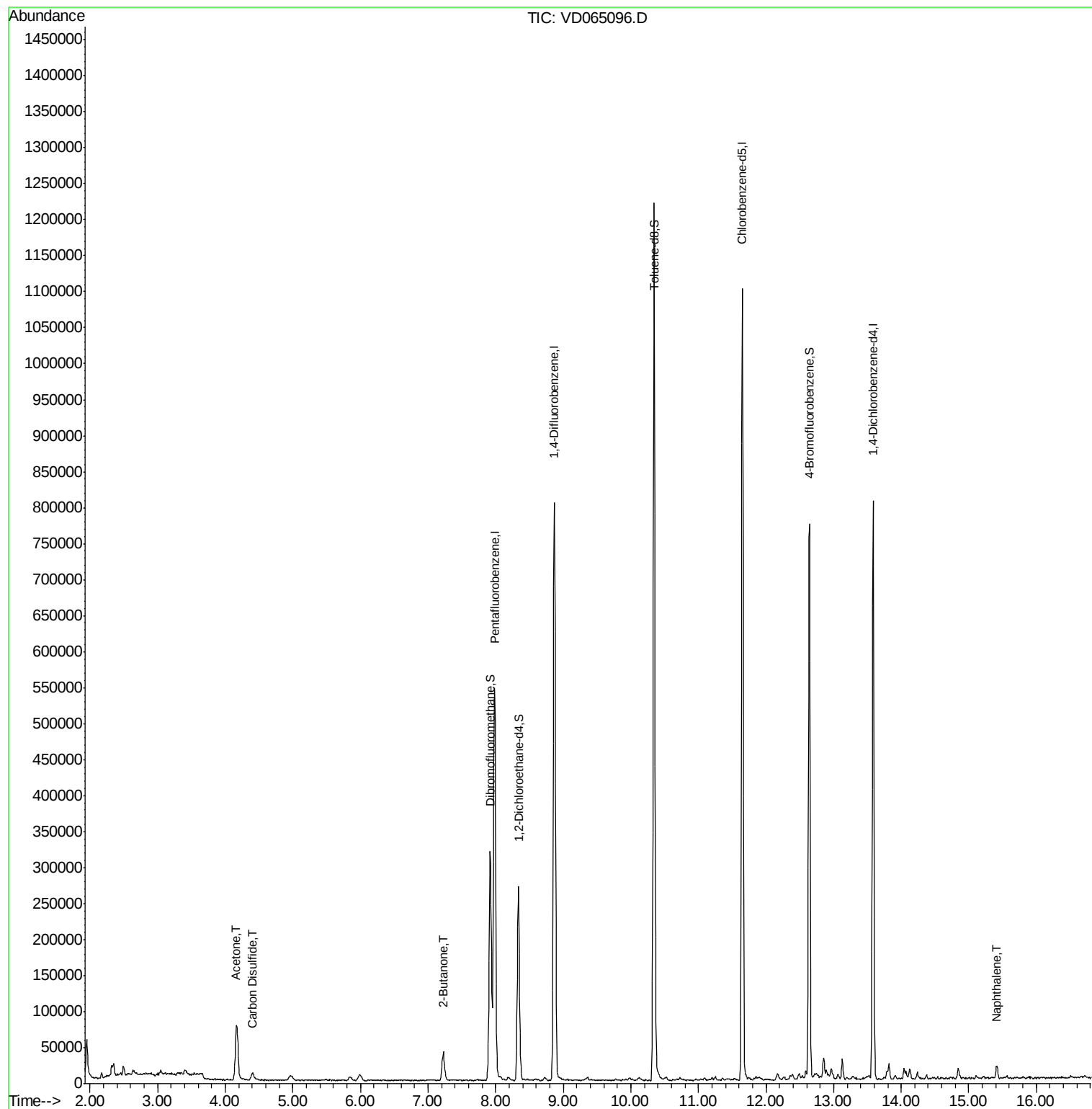
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	422860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	699415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	623779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	210575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	216990	60.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.76%	
35) Dibromofluoromethane	7.92	113	222118	56.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.84%	
50) Toluene-d8	10.34	98	817884	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.64	95	240496	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
Target Compounds						
16) Acetone	4.16	43	141199	157.141	ug/l	97
17) Carbon Disulfide	4.40	76	20816	1.737	ug/l #	88
25) 2-Butanone	7.23	43	66205	61.768	ug/l	94
95) Naphthalene	15.41	128	15092	2.275	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020620\
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HAM-SB-02-2-3RE

Quant Time: Feb 07 07:10:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065096.D

Acq: 06 Feb 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

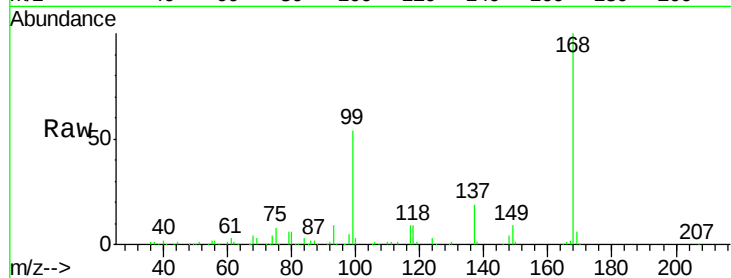
HAM-SB-02-2-3RE

Tot Ion:168 Resp: 422860

Ion Ratio Lower Upper

168 100

99 54.2 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

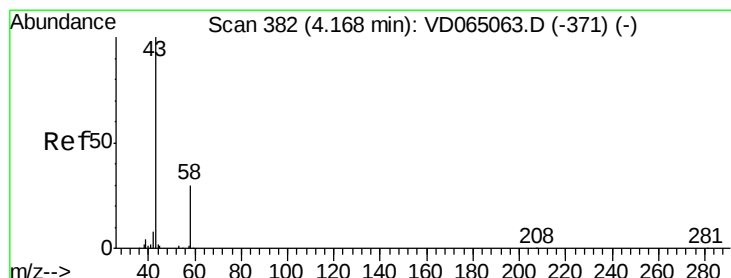
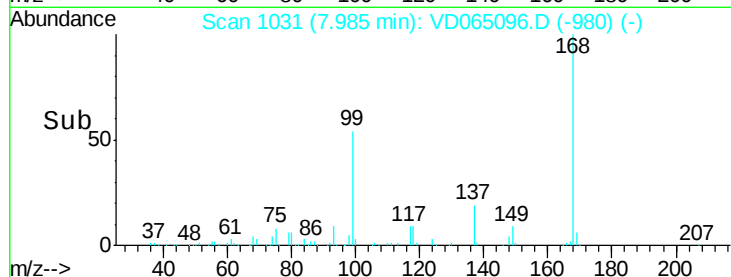
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 157.141 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065096.D

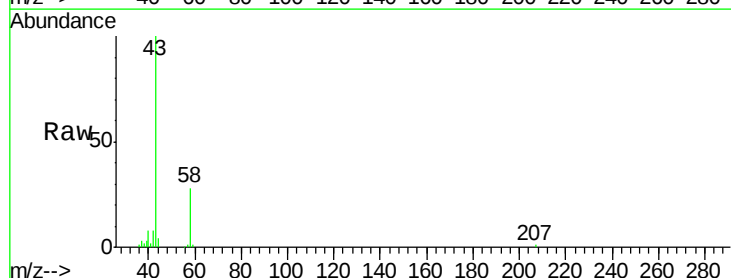
Acq: 06 Feb 2020 19:44

Tgt Ion: 43 Resp: 141199

Ion Ratio Lower Upper

43 100

58 27.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

60000

50000

40000

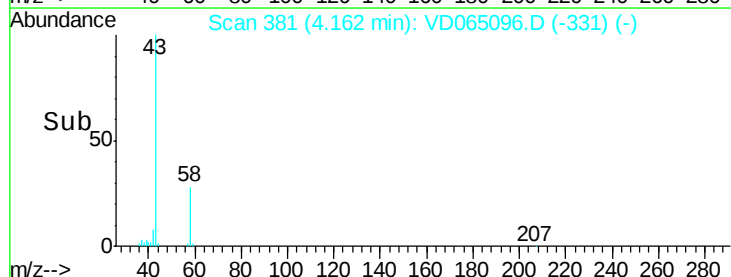
30000

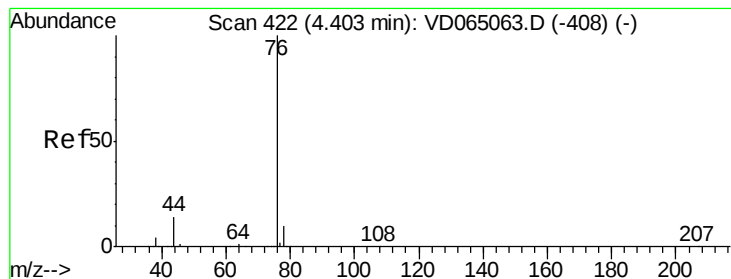
20000

10000

0

Time-->





#17

Carbon Disulfide

Concen: 1.737 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD065096.D

Acq: 06 Feb 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

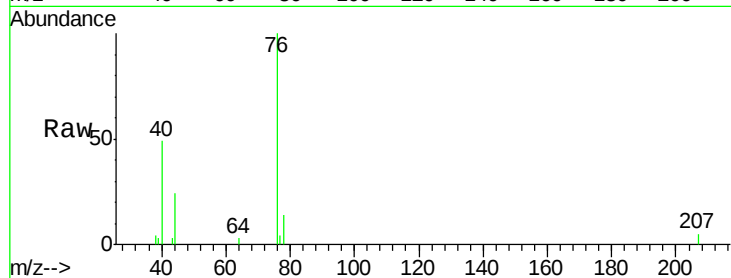
HAM-SB-02-2-3RE

Tot Ion: 76 Resp: 20816

Ion Ratio Lower Upper

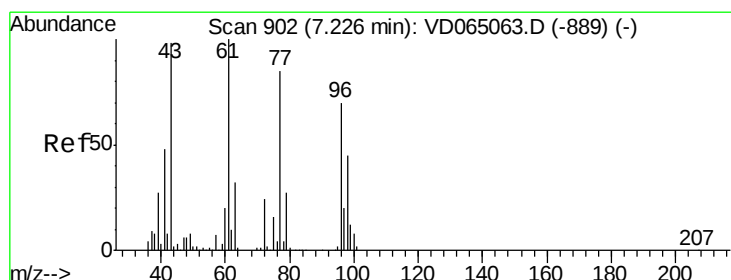
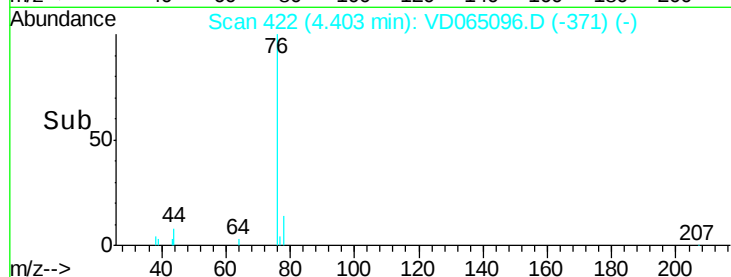
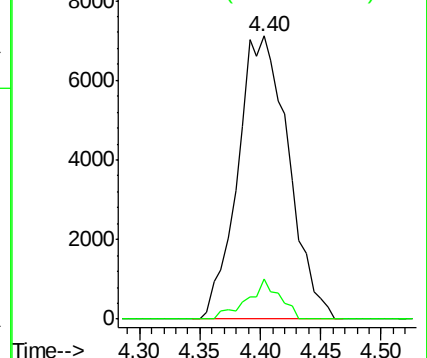
76 100

78 14.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 61.768 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.00 min

Lab File: VD065096.D

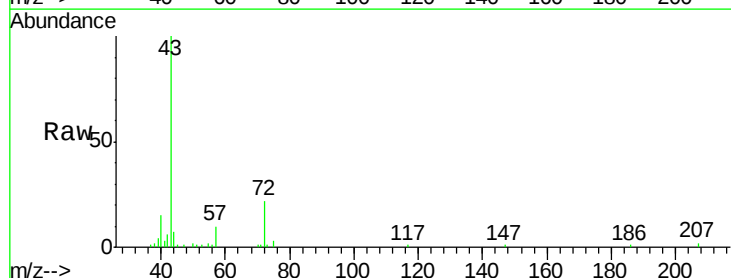
Acq: 06 Feb 2020 19:44

Tgt Ion: 43 Resp: 66205

Ion Ratio Lower Upper

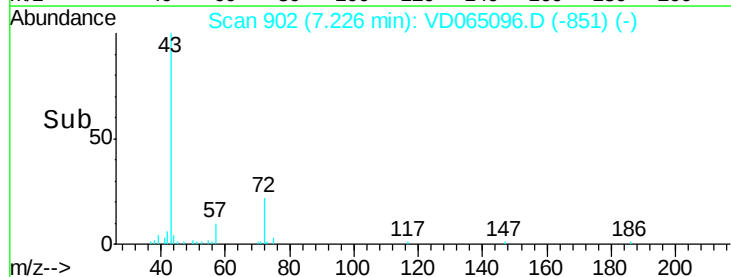
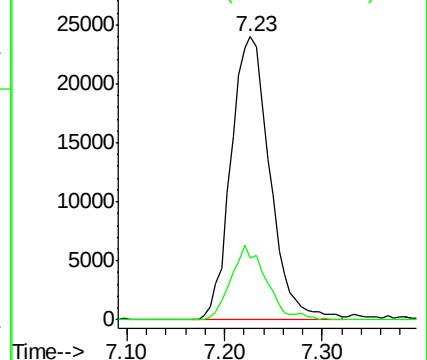
43 100

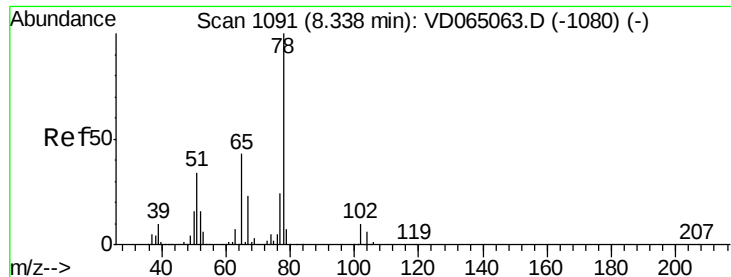
72 22.1 19.9 29.9



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: 60.377 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065096.D

Acq: 06 Feb 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

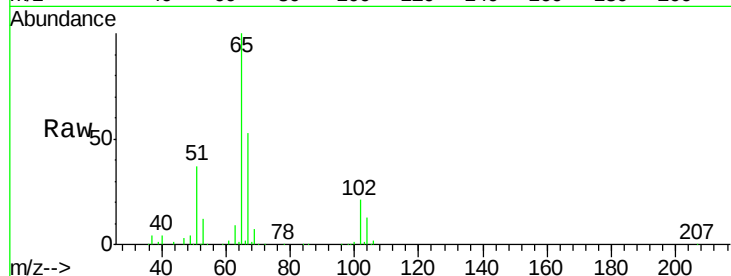
HAM-SB-02-2-3RE

Tot Ion: 65 Resp: 216990

Ion Ratio Lower Upper

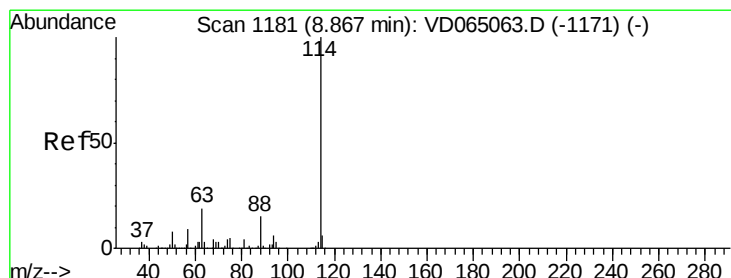
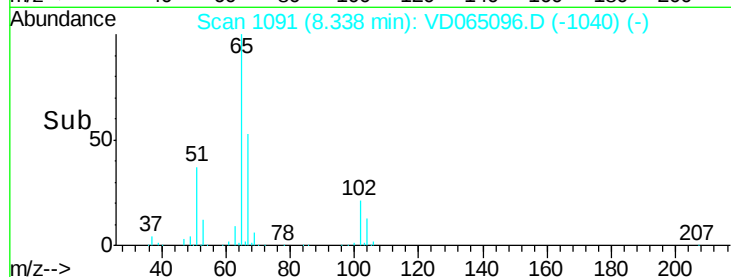
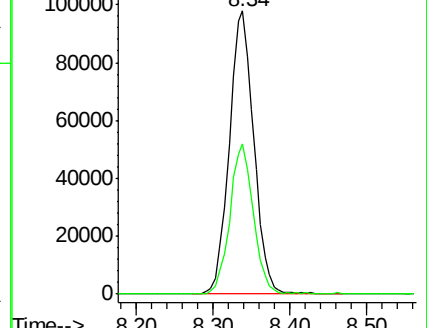
65 100

67 50.7 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: VD065096.D

Acq: 06 Feb 2020 19:44

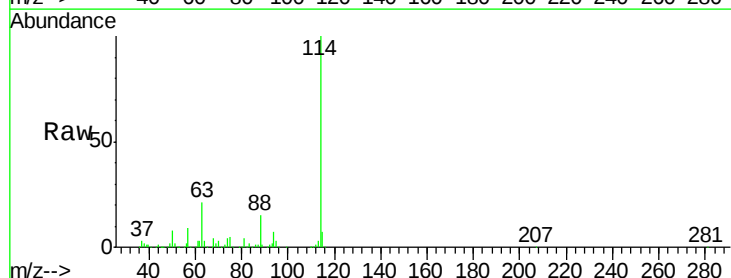
Tgt Ion: 114 Resp: 699415

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

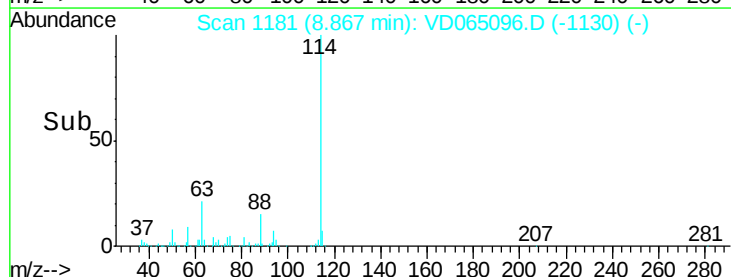
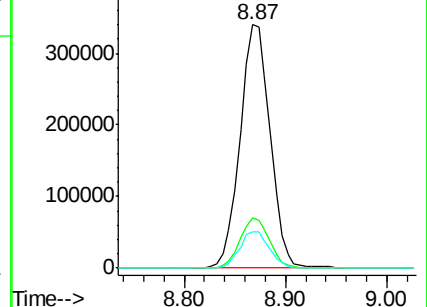
88 15.1 0.0 29.6

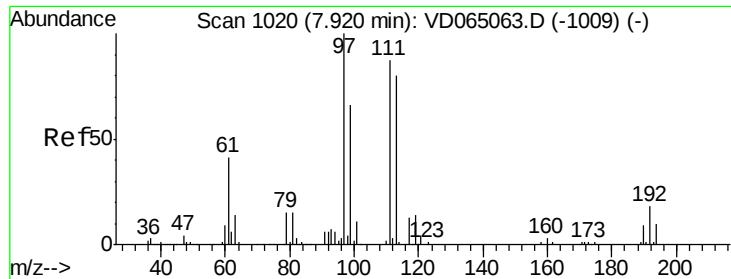


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

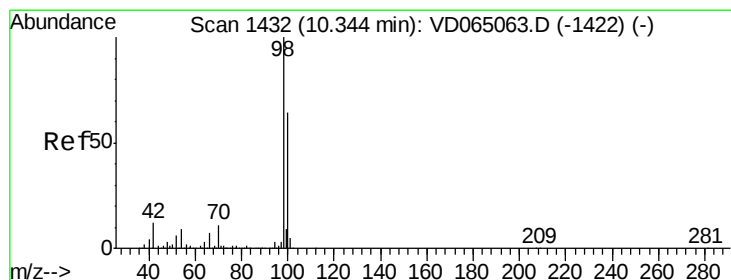
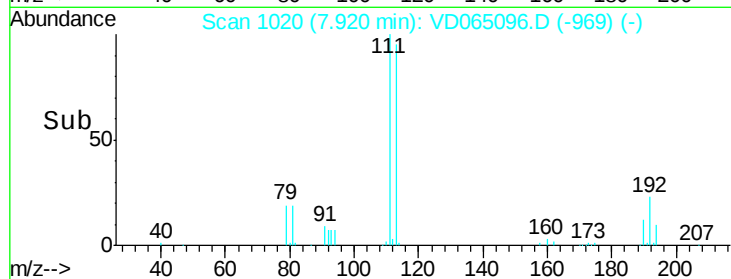
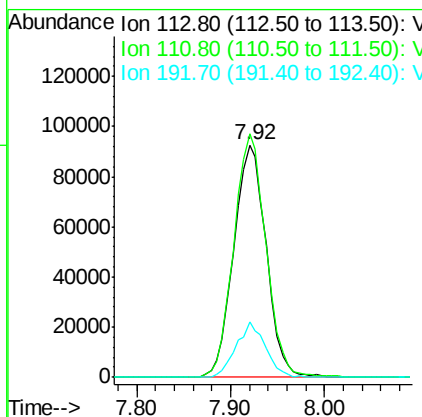
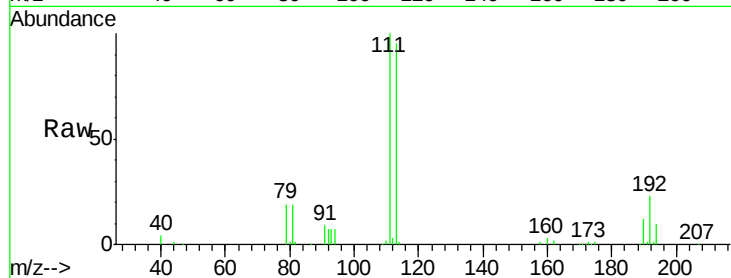




#35
Dibromofluoromethane
Concen: 56.920 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065096.D
Acq: 06 Feb 2020 19:44

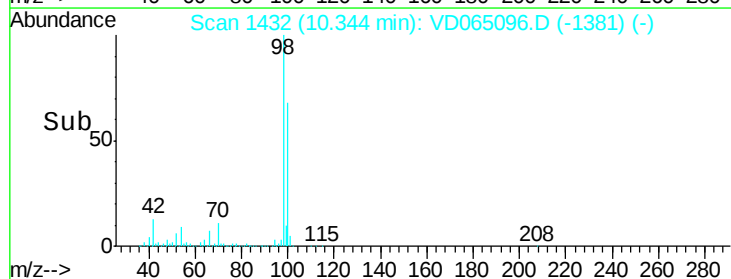
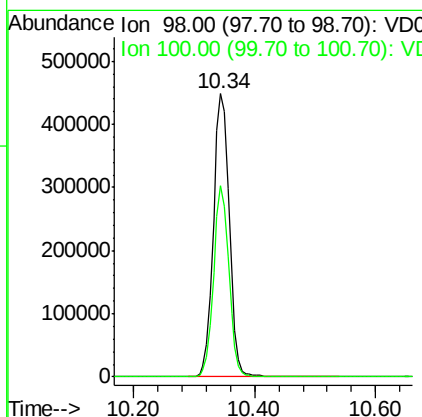
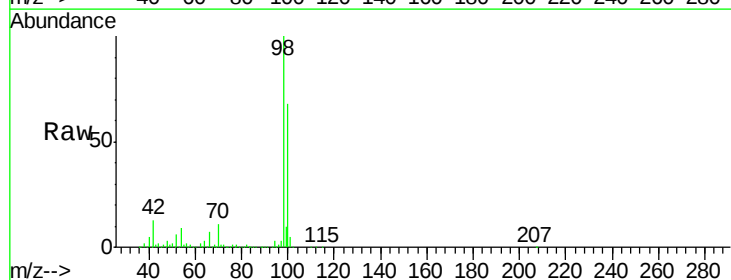
Instrument :
MSVOA_D
ClientSampleId :
HAM-SB-02-2-3RE

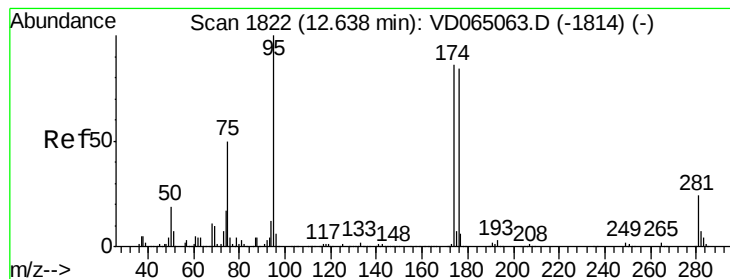
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	21.6	18.1	27.1



#50
Toluene-d8
Concen: 52.657 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065096.D
Acq: 06 Feb 2020 19:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 48.865 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065096.D

Acq: 06 Feb 2020 19:44

Instrument :

MSVOA_D

ClientSampleId :

HAM-SB-02-2-3RE

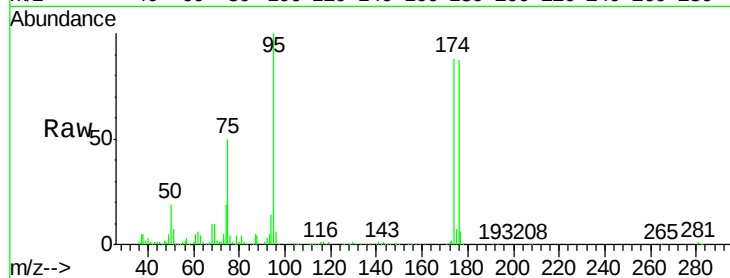
Tot Ion: 95 Resp: 240496

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

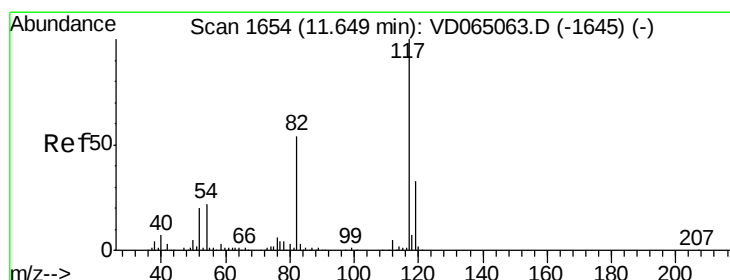
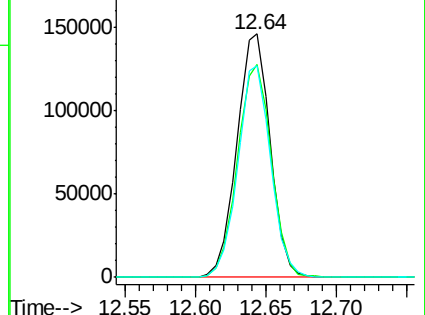
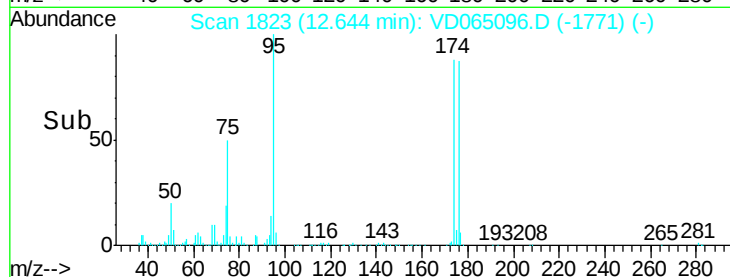
176 85.7 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VD065096.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065096.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065096.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065096.D

Acq: 06 Feb 2020 19:44

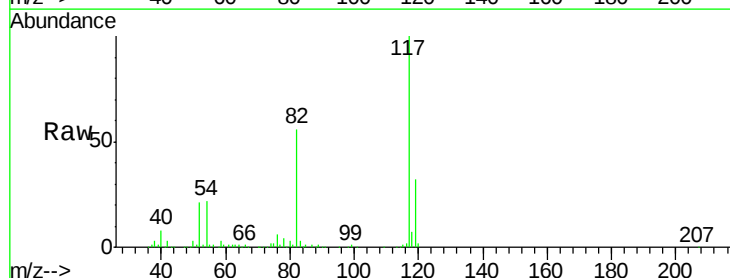
Tgt Ion: 117 Resp: 623779

Ion Ratio Lower Upper

117 100

82 56.1 43.1 64.7

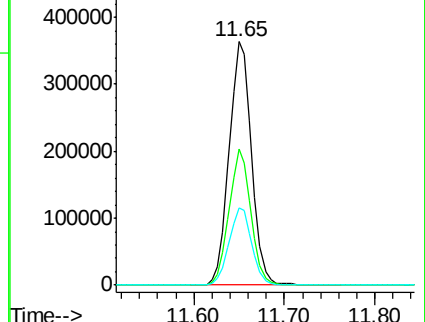
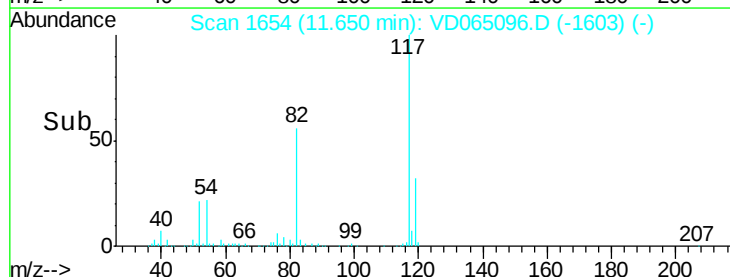
119 31.8 26.0 39.0

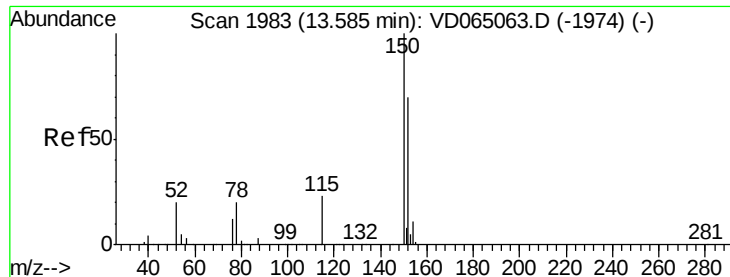


Abundance Ion 116.90 (116.60 to 117.60): VD065096.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD065096.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065096.D (-1603) (-)



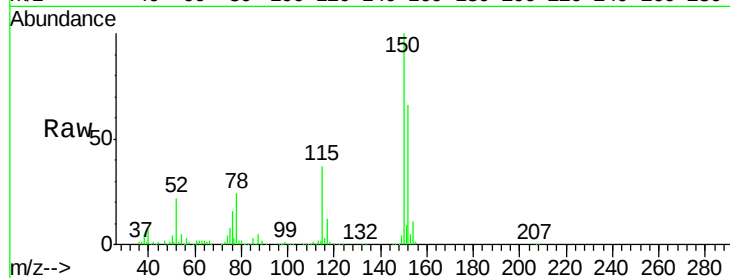


#72

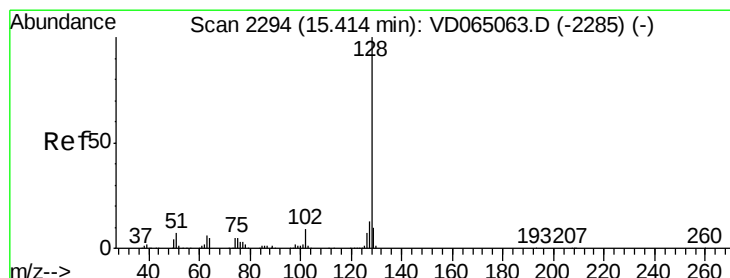
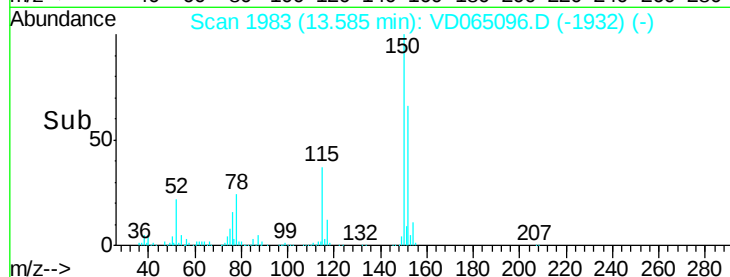
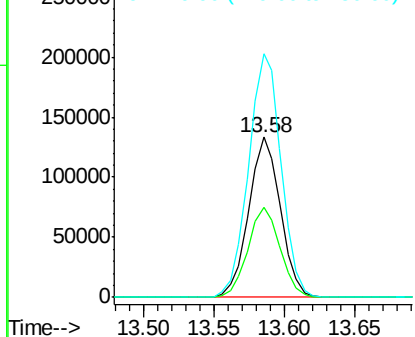
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065096.D
Acq: 06 Feb 2020 19:44

Instrument :
MSVOA_D
ClientSampleId :
HAM-SB-02-2-3RE

Tot Ion:152 Resp: 210575
Ion Ratio Lower Upper
152 100
115 56.8 27.5 82.4
150 155.6 0.0 343.2



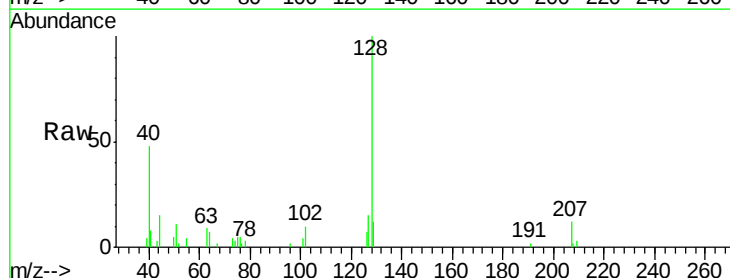
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.275 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD065096.D
Acq: 06 Feb 2020 19:44

Tgt Ion:128 Resp: 15092
Ion Ratio Lower Upper
128 100
127 14.6 10.6 15.8
129 12.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

