

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063945.D
 Acq On : 11 Oct 2019 19:01
 Operator : VA/SY
 Sample : K5325-11
 Misc : 5.65G/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 10-10-J

Quant Time: Oct 12 02:56:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

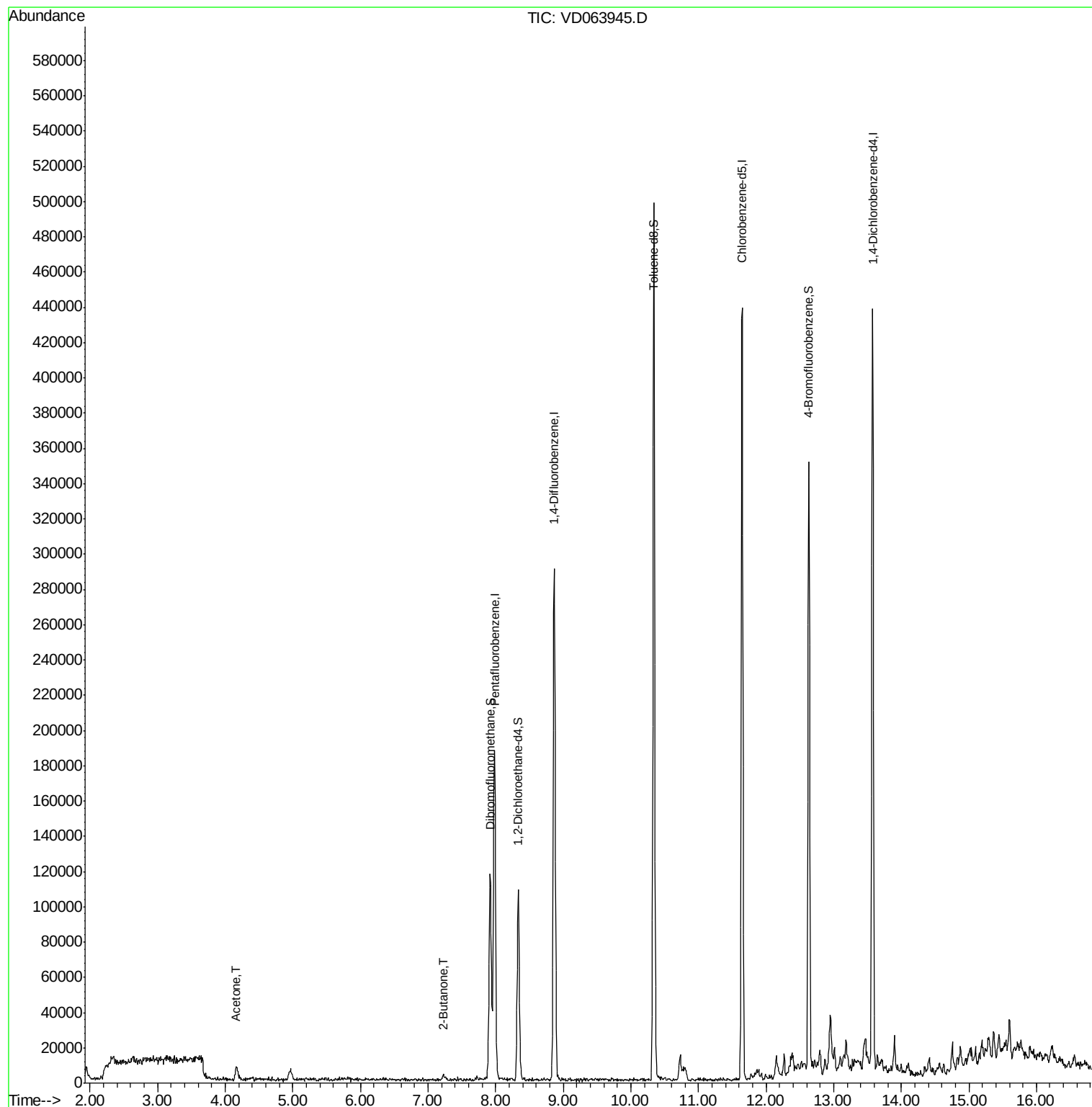
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	144140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	256188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	248034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	81106	57.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.60%	
35) Dibromofluoromethane	7.92	113	82303	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
50) Toluene-d8	10.34	98	330169	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.63	95	98652	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
Target Compounds						
16) Acetone	4.17	43	13018	35.631	ug/l #	85
25) 2-Butanone	7.23	43	4640	10.716	ug/l	93

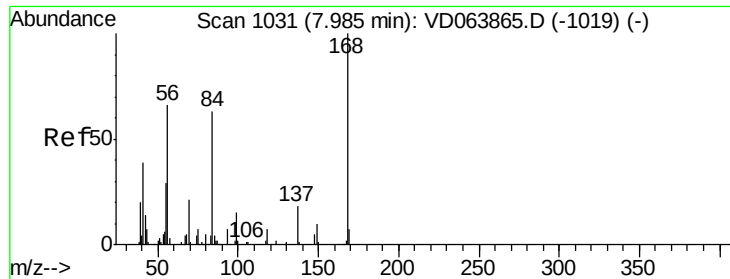
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
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: VD063945.D

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MSVOA_D

ClientSampleId :

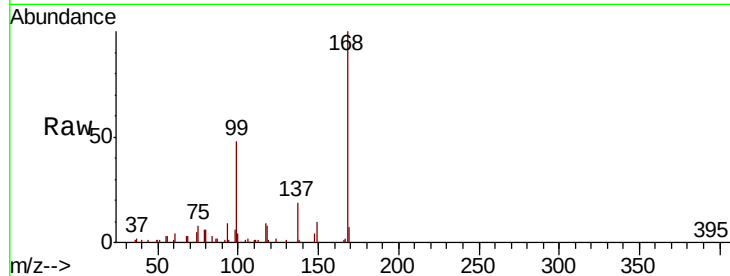
10-10-J

Tot Ion:168 Resp: 144140

Ion Ratio Lower Upper

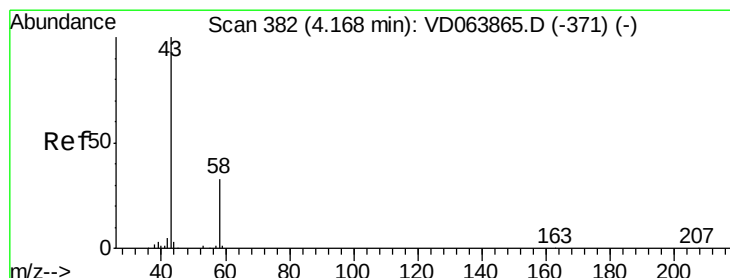
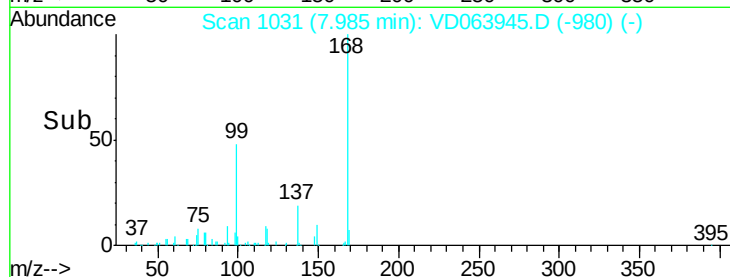
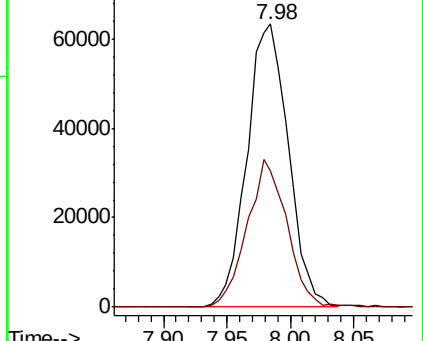
168 100

99 47.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 35.631 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD063945.D

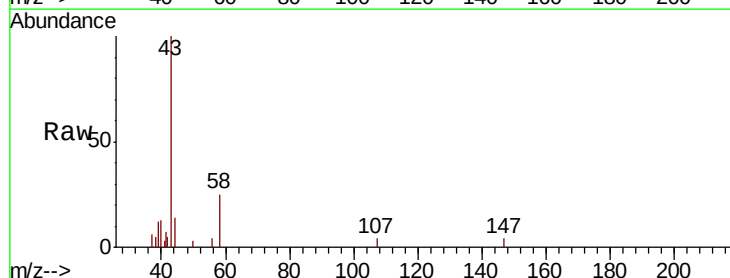
Acq: 11 Oct 2019 19:01

Tgt Ion: 43 Resp: 13018

Ion Ratio Lower Upper

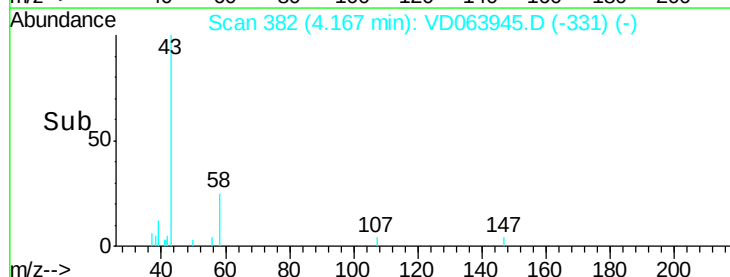
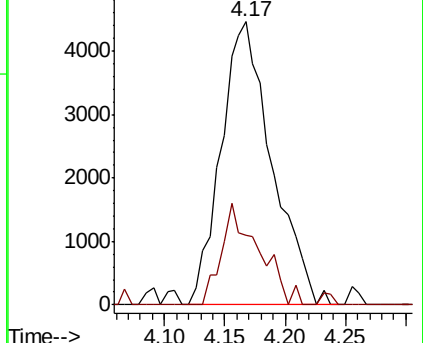
43 100

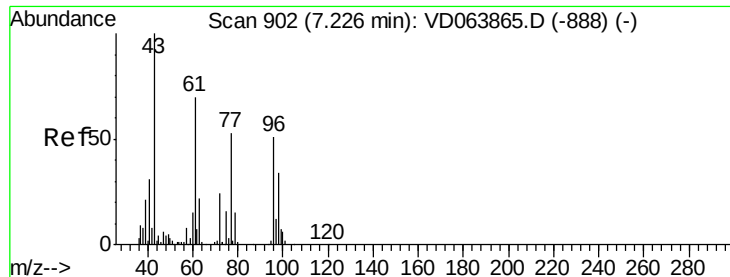
58 24.6 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 10.716 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063945.D

Acq: 11 Oct 2019 19:01

Instrument :

MSVOA_D

ClientSampleId :

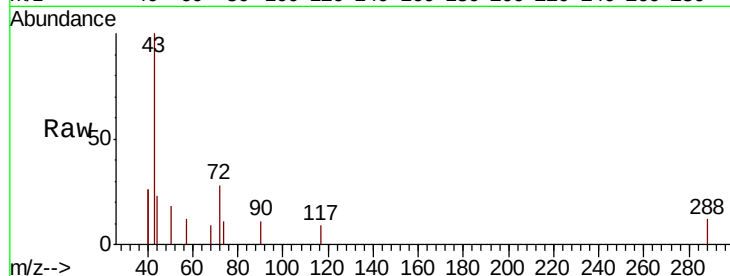
10-10-J

Tot Ion: 43 Resp: 4640

Ion Ratio Lower Upper

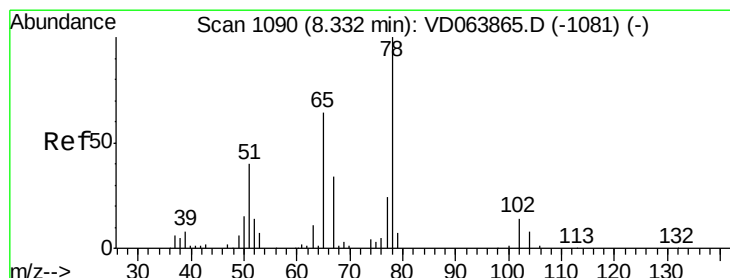
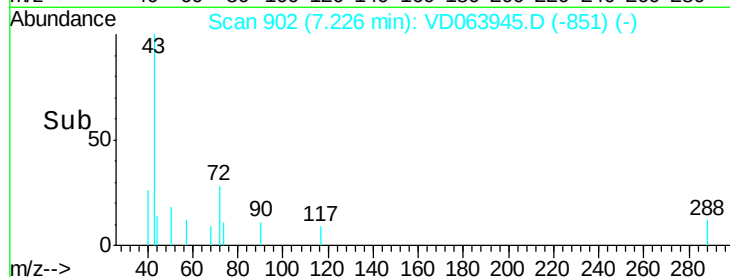
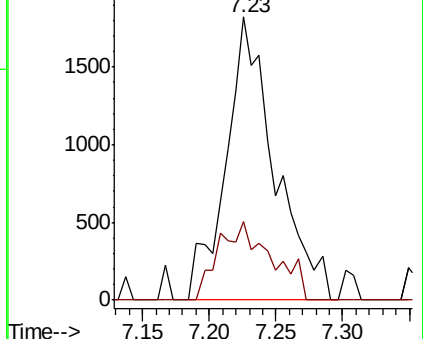
43 100

72 27.6 19.2 28.8



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: 57.796 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063945.D

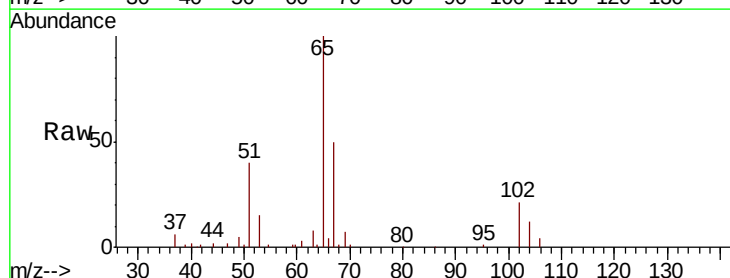
Acq: 11 Oct 2019 19:01

Tgt Ion: 65 Resp: 81106

Ion Ratio Lower Upper

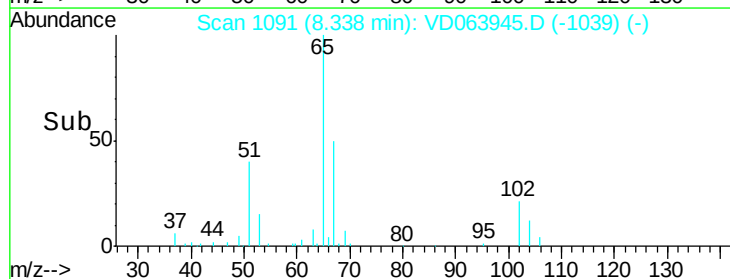
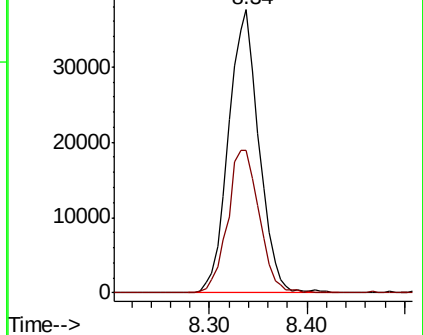
65 100

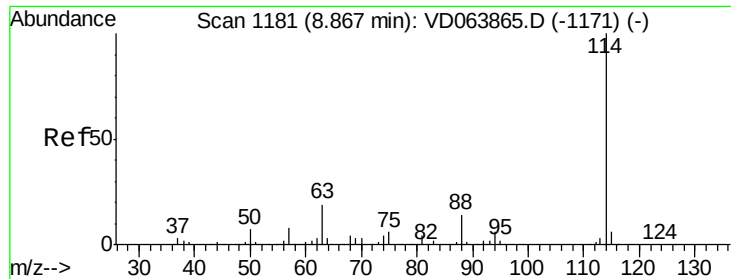
67 52.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

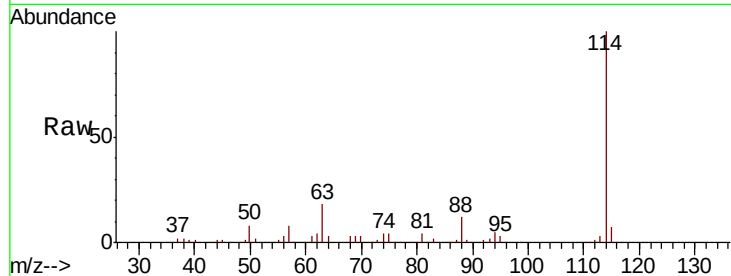




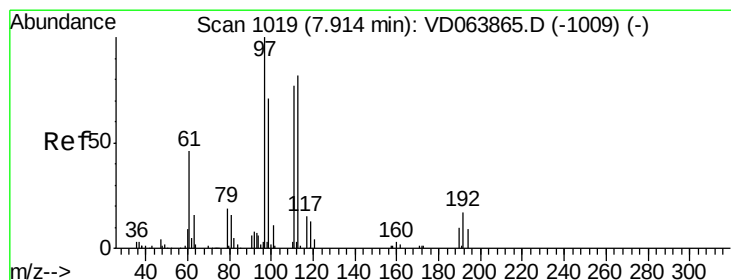
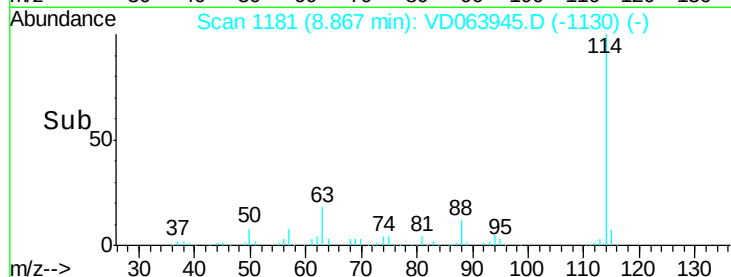
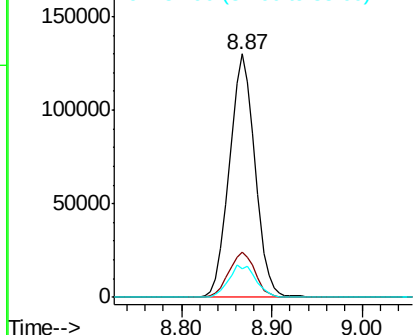
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063945.D
Acq: 11 Oct 2019 19:01

Instrument :
MSVOA_D
ClientSampleId :
10-10-J

Tot Ion:114 Resp: 256188
Ion Ratio Lower Upper
114 100
63 18.4 0.0 38.4
88 11.9 0.0 27.4

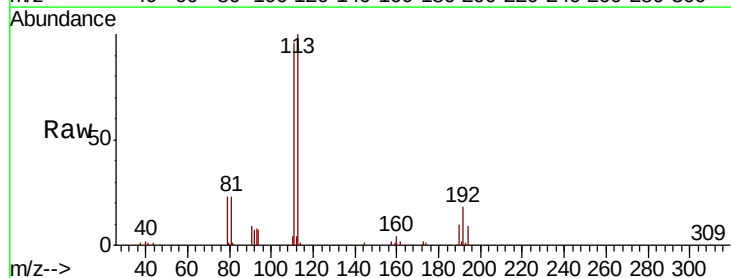


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

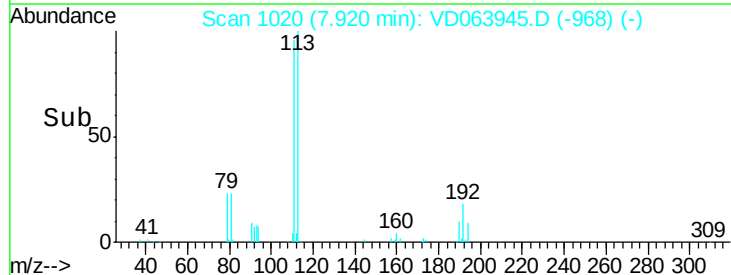
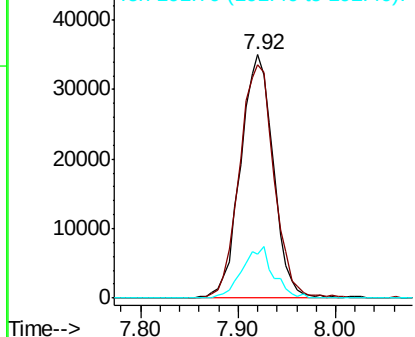


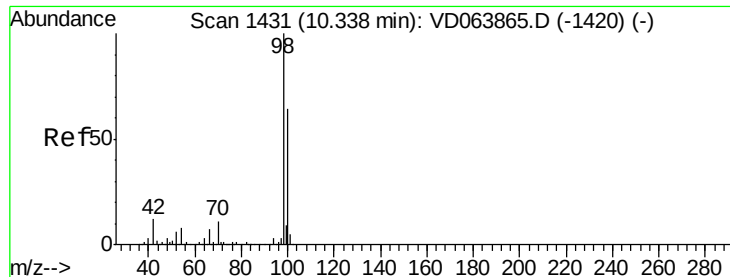
#35
Dibromofluoromethane
Concen: 52.568 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063945.D
Acq: 11 Oct 2019 19:01

Tgt Ion:113 Resp: 82303
Ion Ratio Lower Upper
113 100
111 100.8 82.6 123.8
192 19.8 17.1 25.7



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: 51.957 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD063945.D

Acq: 11 Oct 2019 19:01

Instrument :

MSVOA_D

ClientSampleId :

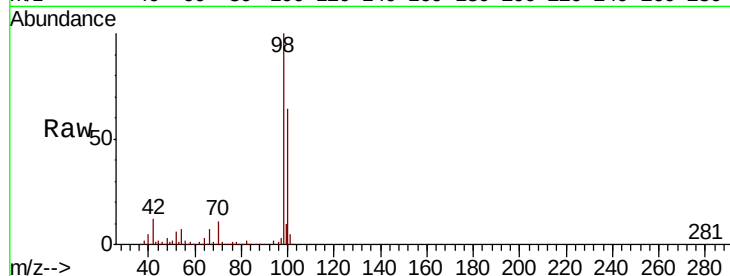
10-10-J

Tot Ion: 98 Resp: 330169

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD063865.D (-1420) (-)

Ion 100.00 (99.70 to 100.70): VD063865.D (-1420) (-)

10.34

200000

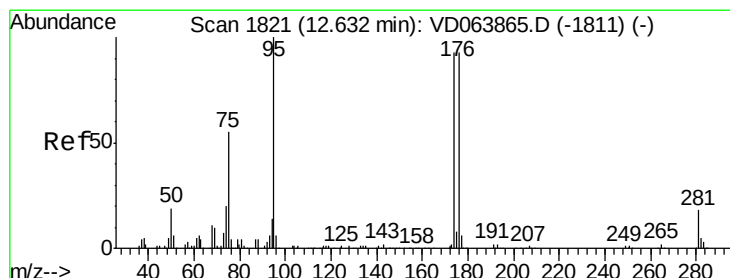
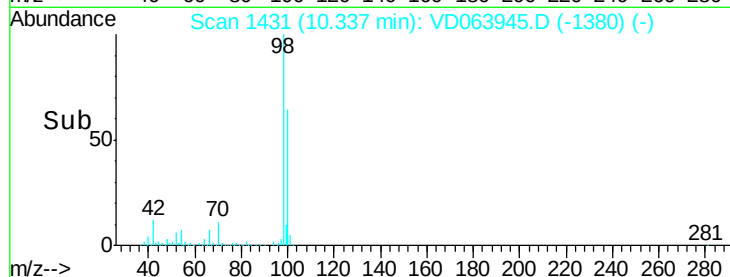
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.674 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063945.D

Acq: 11 Oct 2019 19:01

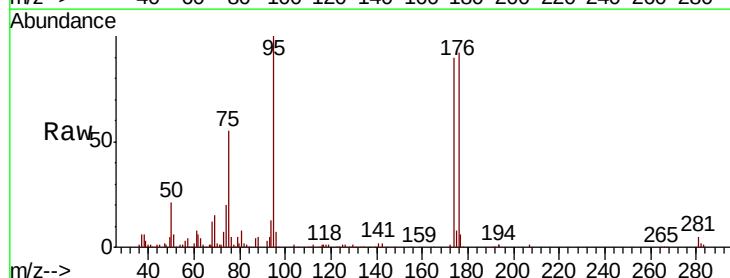
Tgt Ion: 95 Resp: 98652

Ion Ratio Lower Upper

95 100

174 93.6 0.0 186.4

176 94.8 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD063865.D (-1811) (-)

Ion 173.80 (173.50 to 174.50): VD063865.D (-1811) (-)

Ion 175.80 (175.50 to 176.50): VD063865.D (-1811) (-)

12.63

80000

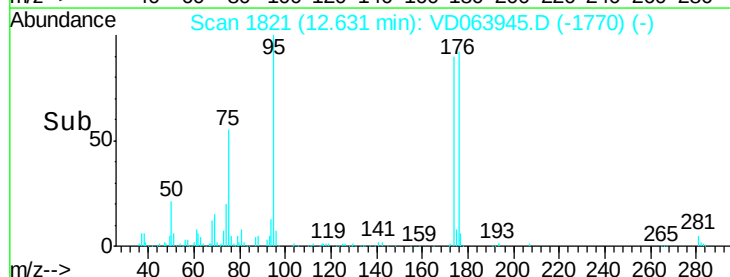
60000

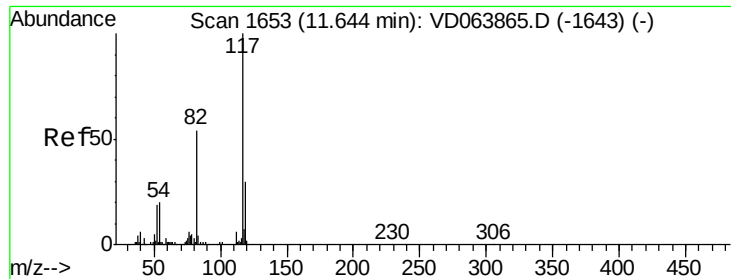
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063945.D

Acq: 11 Oct 2019 19:01

Instrument :

MSVOA_D

ClientSampleId :

10-10-J

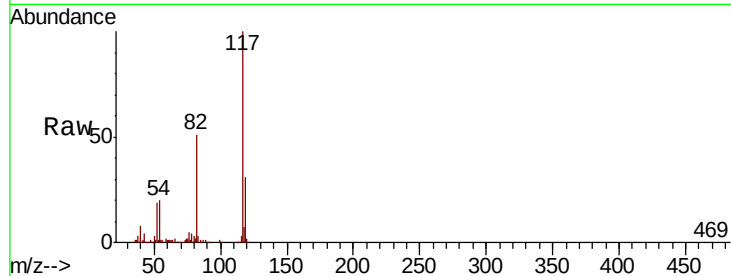
Tot Ion:117 Resp: 248034

Ion Ratio Lower Upper

117 100

82 51.0 42.8 64.2

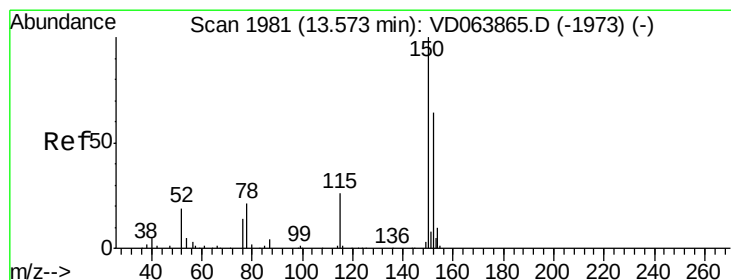
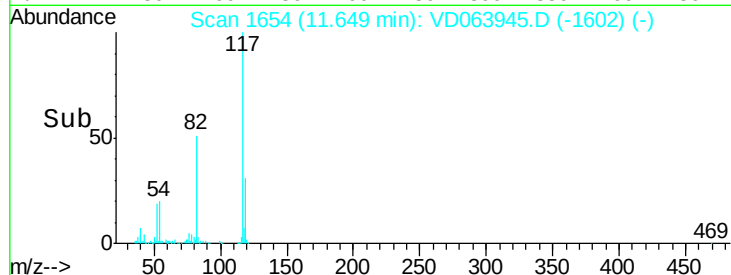
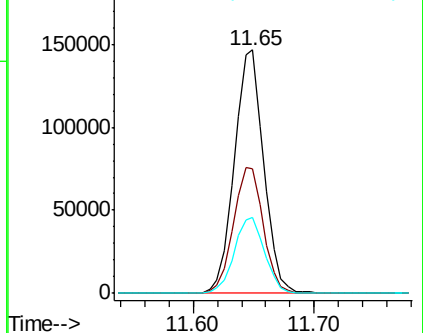
119 31.0 24.4 36.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063945.D

Acq: 11 Oct 2019 19:01

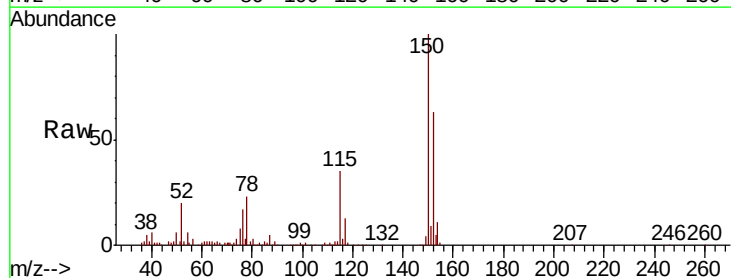
Tgt Ion:152 Resp: 113817

Ion Ratio Lower Upper

152 100

115 54.1 25.9 77.7

150 158.0 0.0 344.2



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

