

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
 Data File : VD064266.D
 Acq On : 18 Nov 2019 15:59
 Operator : VA/SY
 Sample : K5864-09
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-7.5-8.0

Quant Time: Nov 19 05:45:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

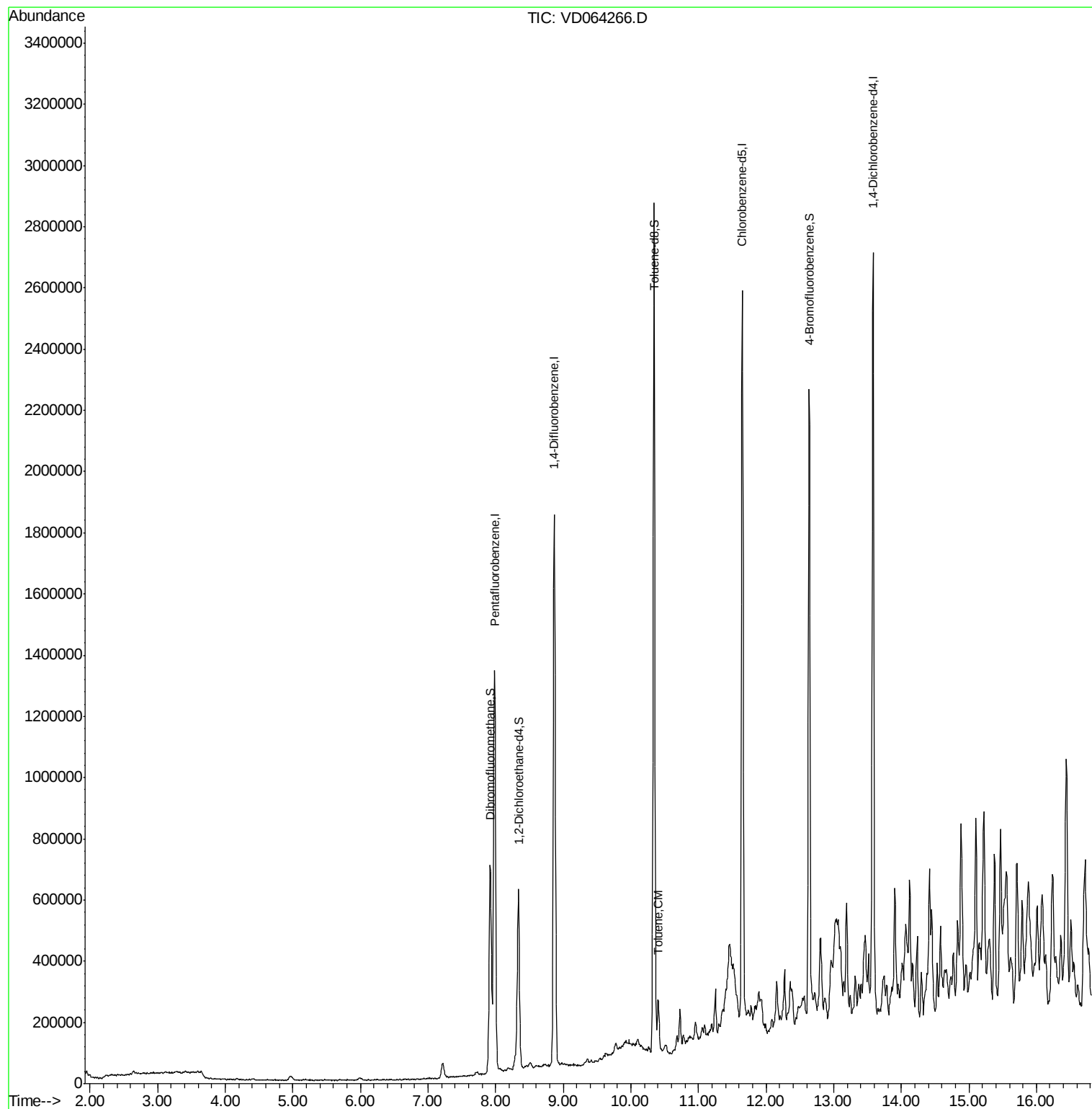
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	1080021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1575399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1371487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	676064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	464703	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	7.92	113	477298	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
50) Toluene-d8	10.34	98	1844590	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
62) 4-Bromofluorobenzene	12.64	95	606841	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
Target Compounds						
52) Toluene	10.41	92	72143	2.761	ug/l	Qvalue 96

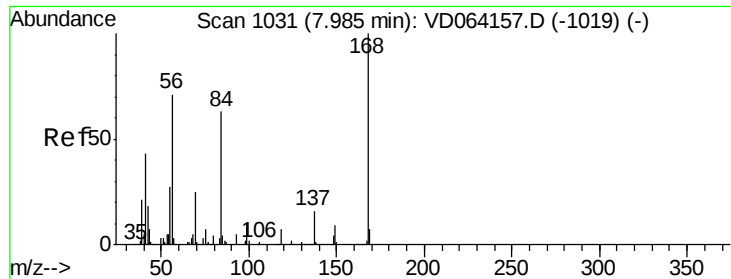
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
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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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MSVOA_D

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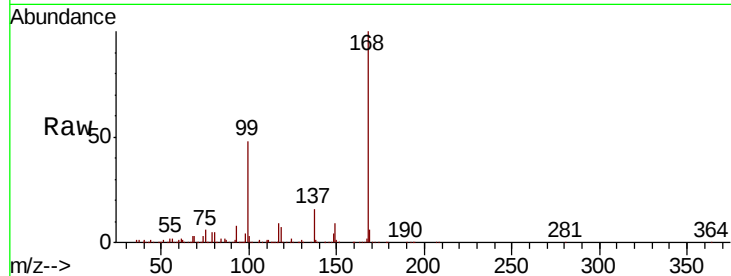
SB-05-7.5-8.0

Tot Ion:168 Resp: 1080021

Ion Ratio Lower Upper

168 100

99 48.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

500000

400000

300000

200000

100000

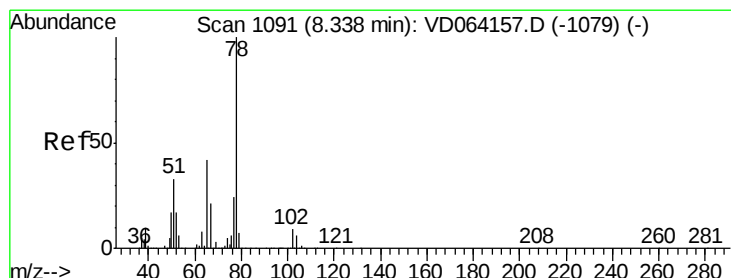
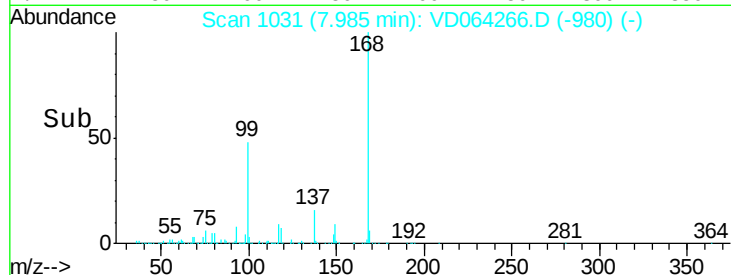
0

Time-->

7.90

8.00

8.10



#33

1,2-Dichloroethane-d4

Concen: 52.316 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064266.D

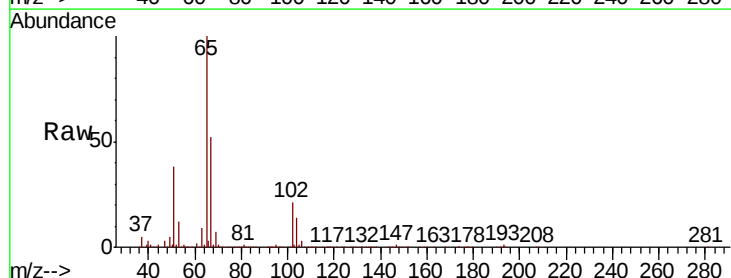
Acq: 18 Nov 2019 15:59

Tgt Ion: 65 Resp: 464703

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

250000

200000

150000

100000

50000

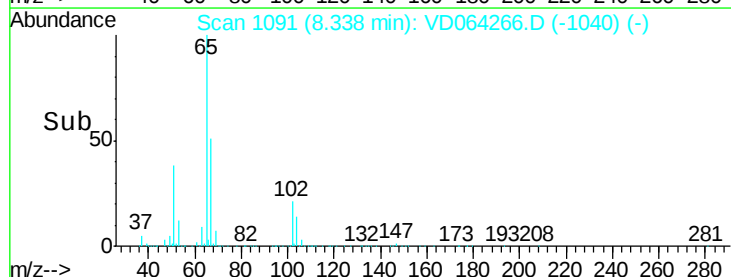
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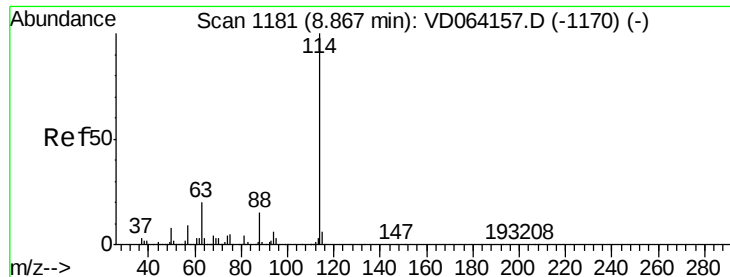
Time-->

8.20

8.30

8.40

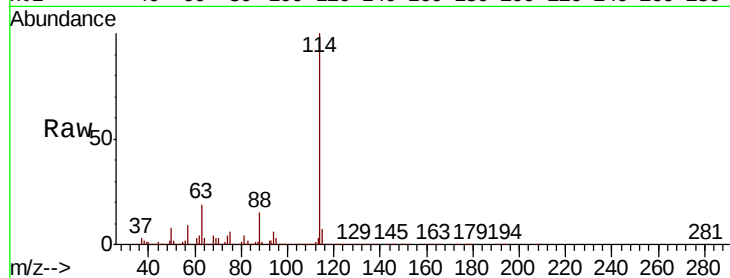




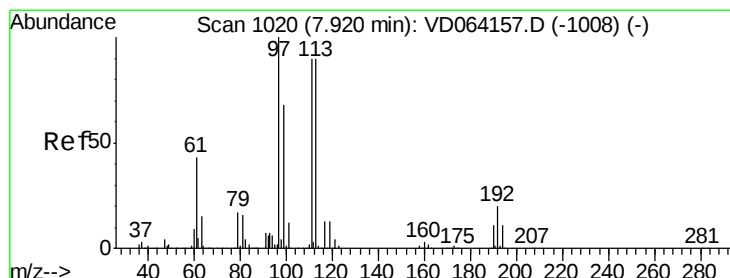
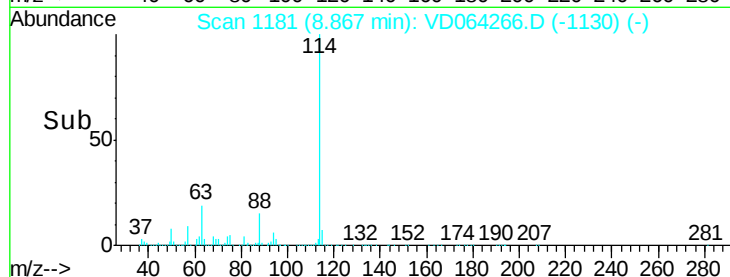
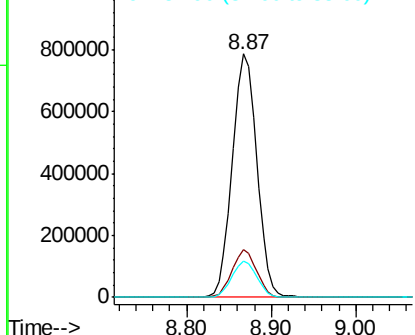
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064266.D
 Acq: 18 Nov 2019 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-7.5-8.0

Tot Ion:114 Resp: 1575399
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.1 0.0 30.2

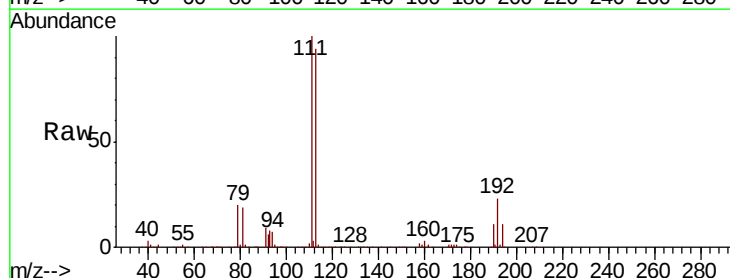


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

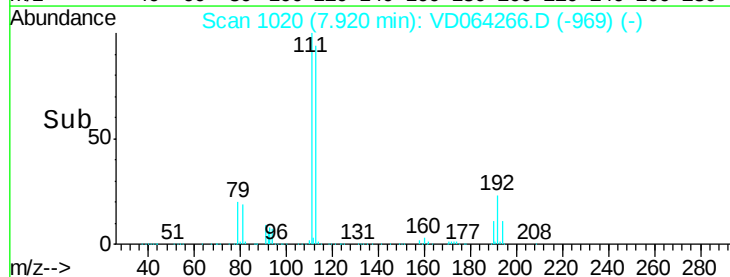
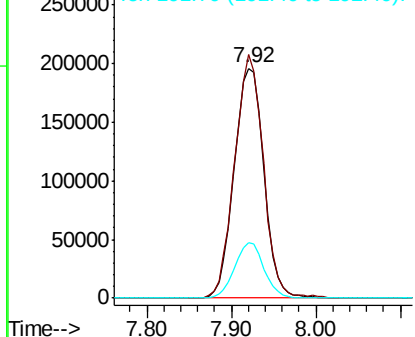


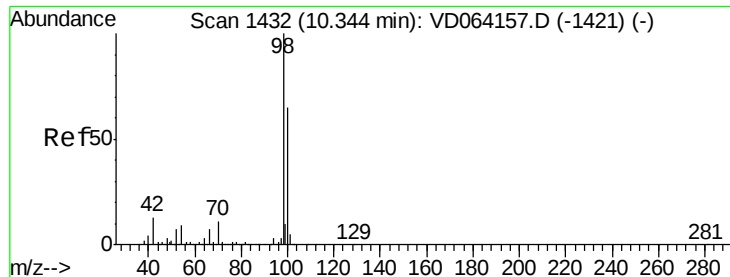
#35
 Dibromofluoromethane
 Concen: 52.781 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064266.D
 Acq: 18 Nov 2019 15:59

Tgt Ion:113 Resp: 477298
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 23.9 18.8 28.2



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: 54.071 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064266.D

Acq: 18 Nov 2019 15:59

Instrument :

MSVOA_D

ClientSampleId :

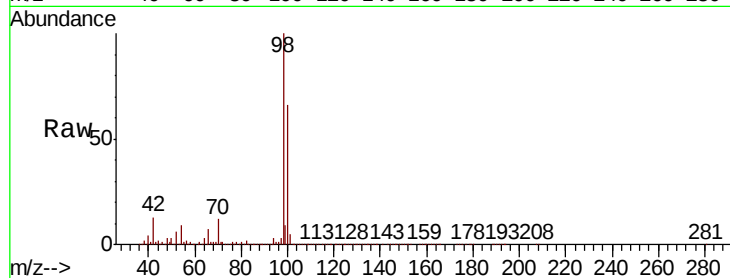
SB-05-7.5-8.0

Tot Ion: 98 Resp: 1844590

Ion Ratio Lower Upper

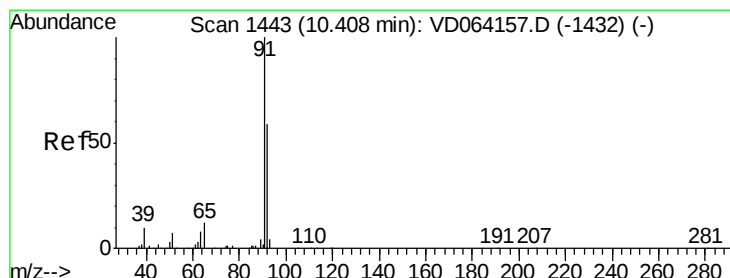
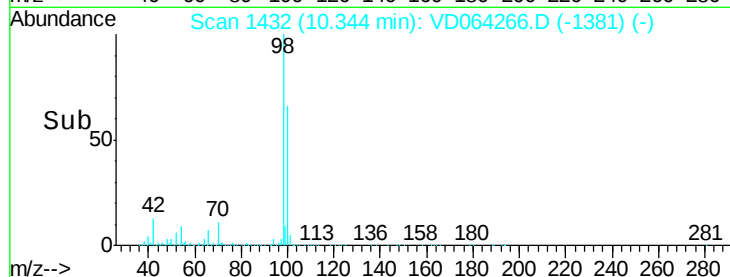
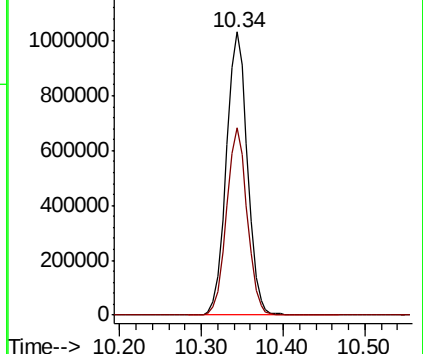
98 100

100 65.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#52

Toluene

Concen: 2.761 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD064266.D

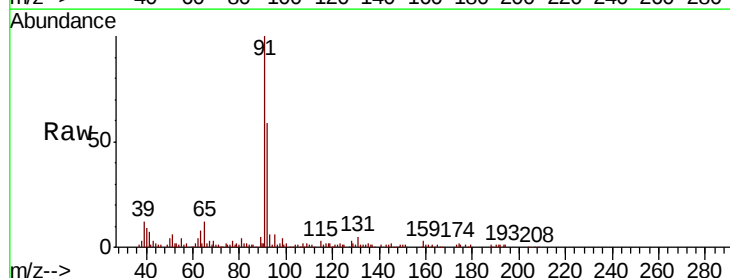
Acq: 18 Nov 2019 15:59

Tgt Ion: 92 Resp: 72143

Ion Ratio Lower Upper

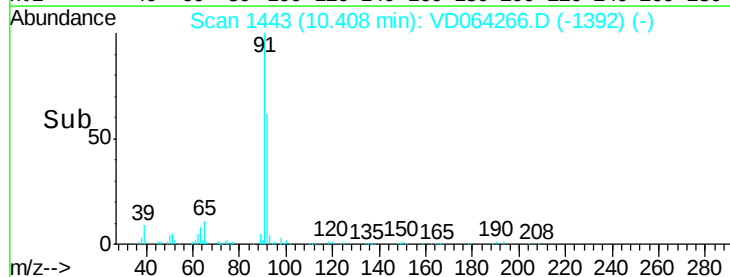
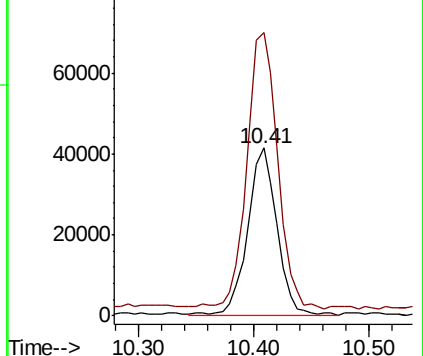
92 100

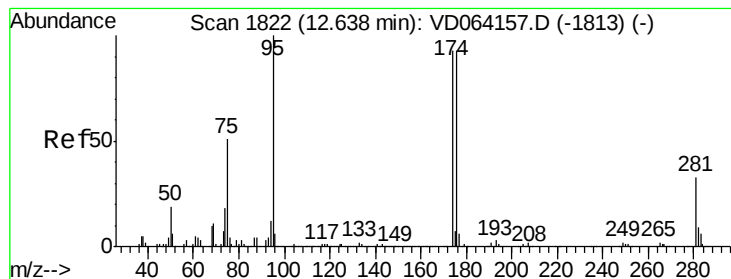
91 176.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 51.366 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064266.D

Acq: 18 Nov 2019 15:59

Instrument :

MSVOA_D

ClientSampleId :

SB-05-7.5-8.0

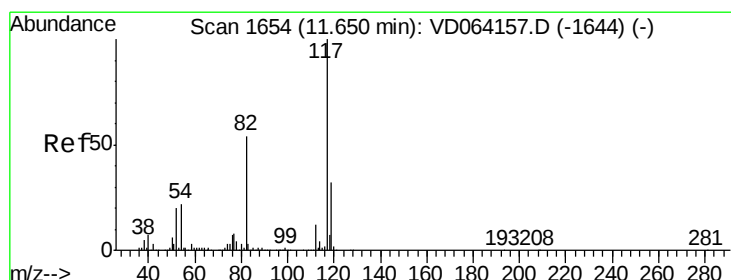
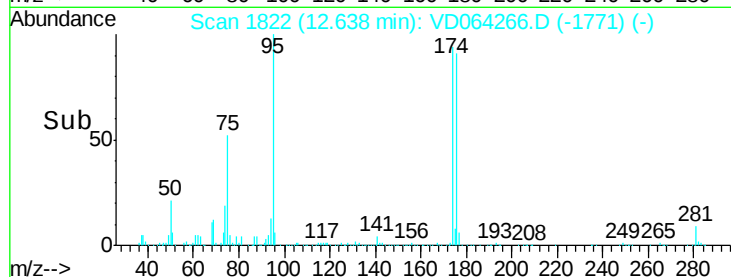
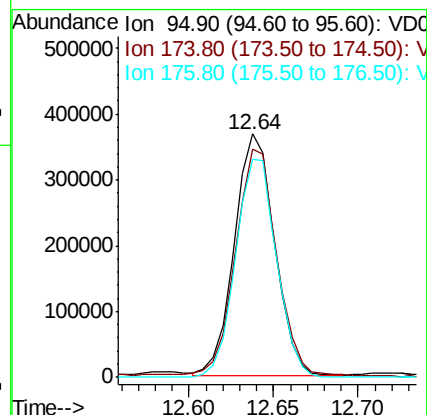
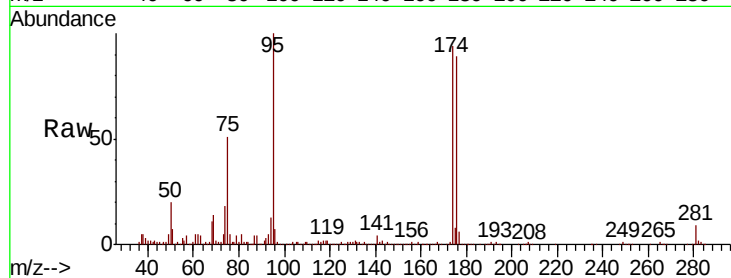
Tot Ion: 95 Resp: 606841

Ion Ratio Lower Upper

95 100

174 99.1 0.0 183.6

176 92.2 0.0 180.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064266.D

Acq: 18 Nov 2019 15:59

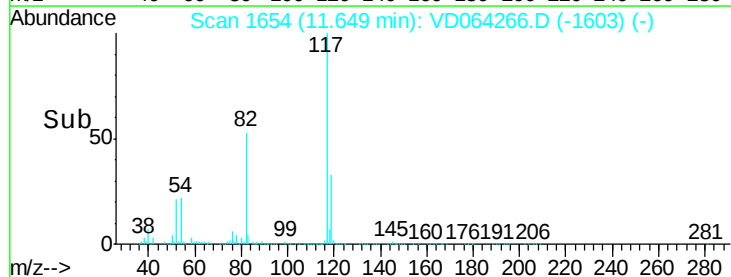
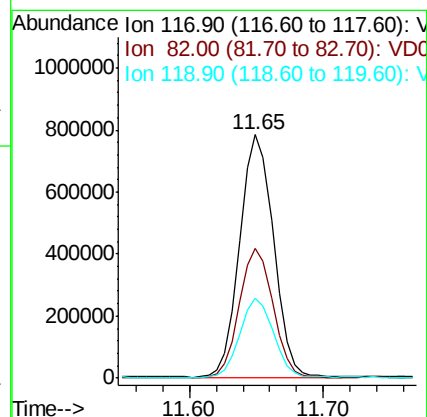
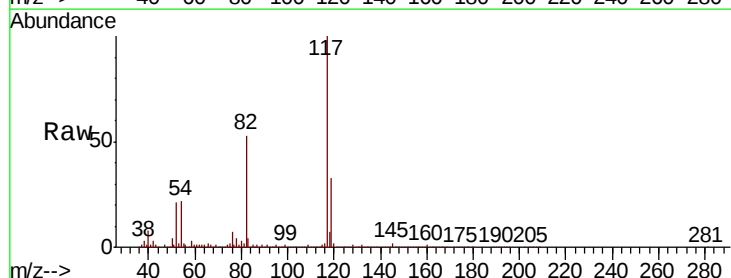
Tgt Ion: 117 Resp: 1371487

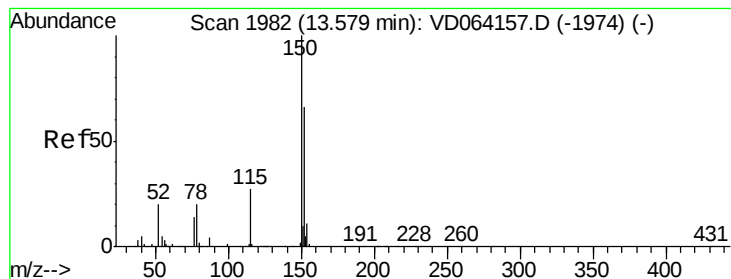
Ion Ratio Lower Upper

117 100

82 53.1 42.8 64.2

119 32.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064266.D

Acq: 18 Nov 2019 15:59

Instrument :

MSVOA_D

ClientSampleId :

SB-05-7.5-8.0

Tot Ion:152 Resp: 676064

Ion Ratio Lower Upper

152 100

115 56.7 27.4 82.2

150 155.2 0.0 351.6

