

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122618\
 Data File : VD060714.D
 Acq On : 26 Dec 2018 13:07
 Operator : VA/AP
 Sample : J6188-05
 Misc : 8.84g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-122118

Quant Time: Dec 27 02:11:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

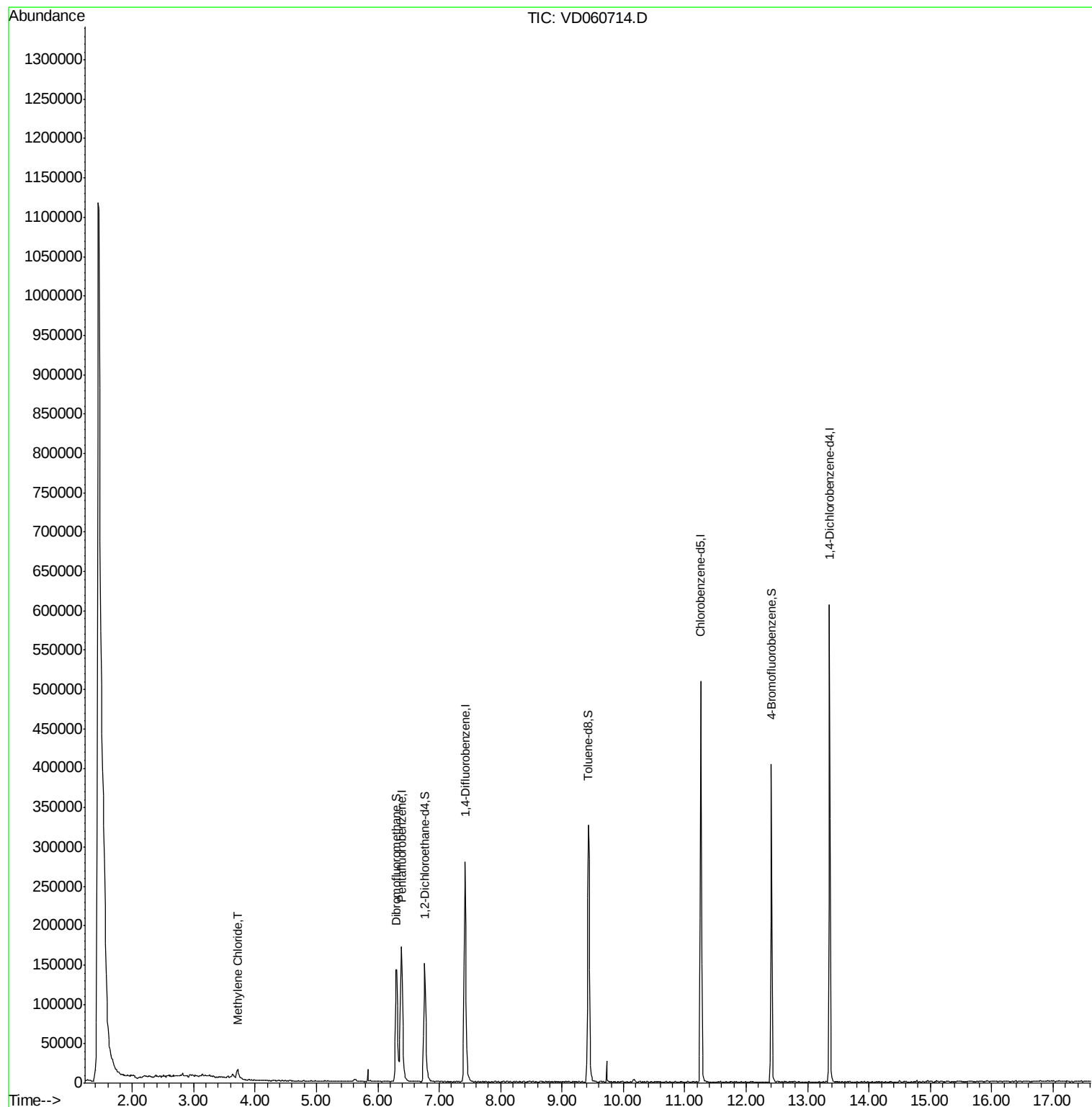
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	176069	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	298396	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.26	117	274678	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	133385	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	124968	102.71	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	205.42%	
35) Dibromofluoromethane	6.30	113	119677	54.80	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	109.60%	
50) Toluene-d8	9.43	98	263901	40.50	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	81.00%	
62) 4-Bromofluorobenzene	12.41	95	103064	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
Target Compounds						
20) Methylene Chloride	3.71	84	7399	3.353	ug/l #	Qvalue 86

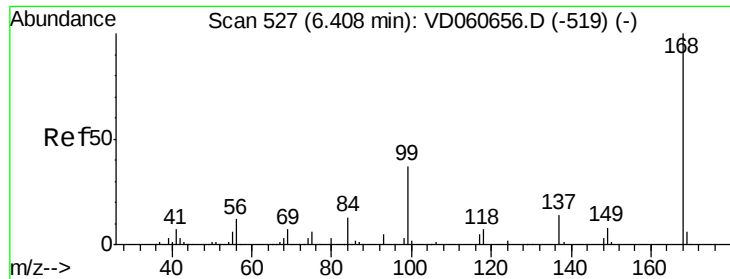
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 525

Delta R.T. -0.02 min

Lab File: VD060714.D

Acq: 26 Dec 2018 13:07

Instrument :

MSVOA_D

ClientSampleId :

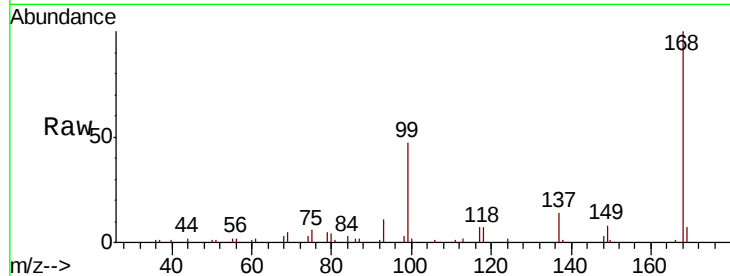
BU-03-122118

Tot Ion:168 Resp: 176069

Ion Ratio Lower Upper

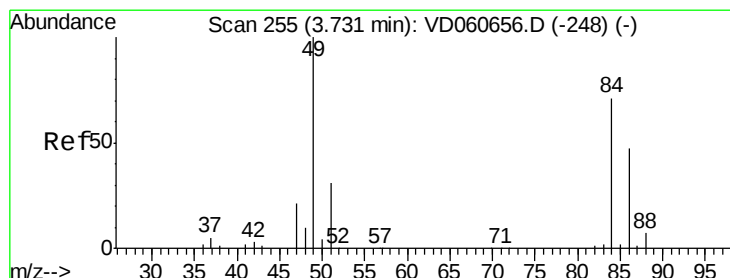
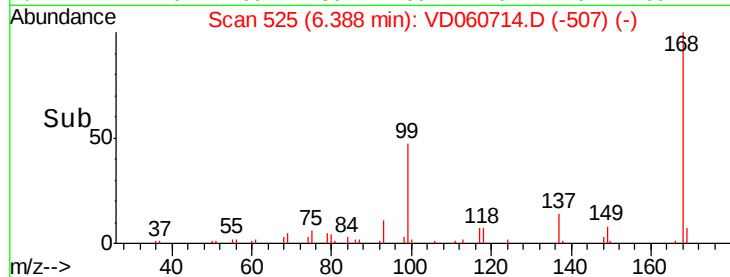
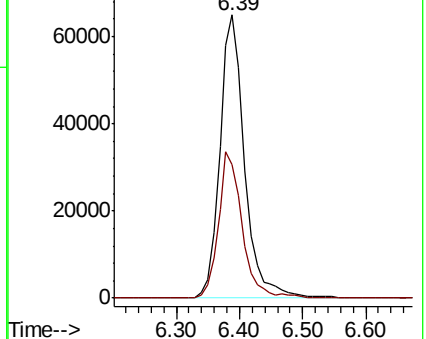
168 100

99 47.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.353 ug/l

RT: 3.71 min Scan# 253

Delta R.T. -0.02 min

Lab File: VD060714.D

Acq: 26 Dec 2018 13:07

Tgt Ion: 84 Resp: 7399

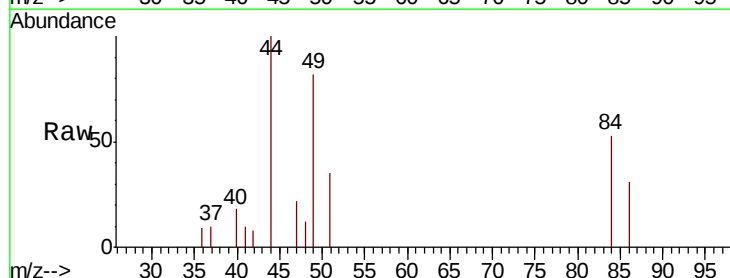
Ion Ratio Lower Upper

84 100

49 154.3 113.6 170.4

51 66.8 34.7 52.1#

86 59.2 52.8 79.2

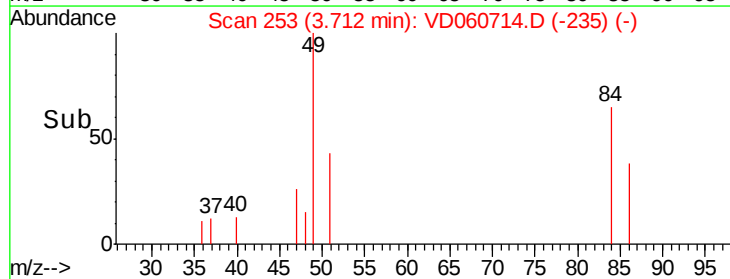
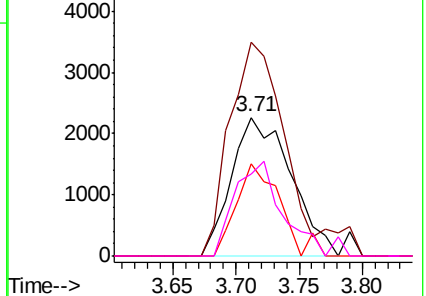


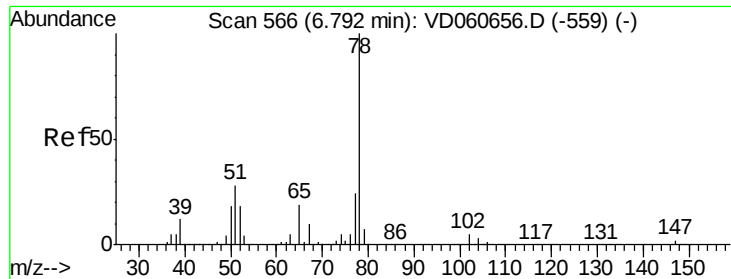
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 563

Delta R.T. -0.03 min

Lab File: VD060714.D

Acq: 26 Dec 2018 13:07

Instrument :

MSVOA_D

ClientSampleId :

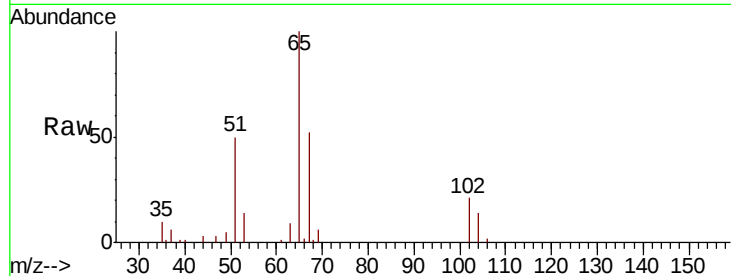
BU-03-122118

Tot Ion: 65 Resp: 124968

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.76

60000

50000

40000

30000

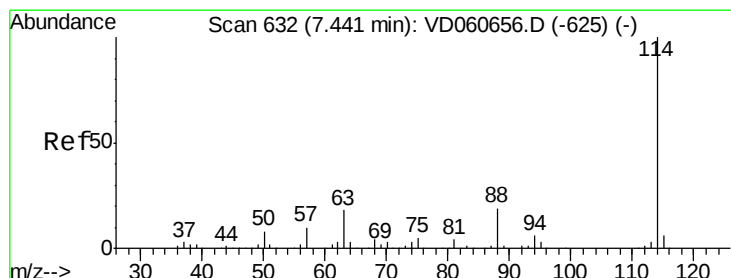
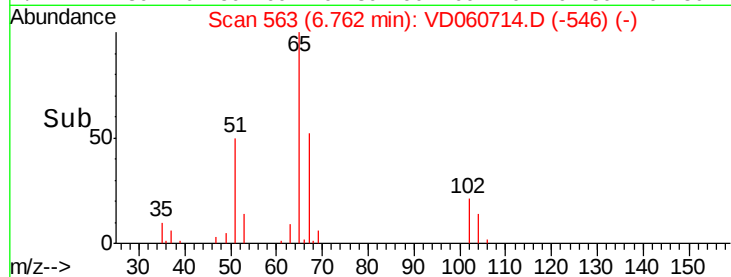
20000

10000

0

6.70 6.80 6.90

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 630

Delta R.T. -0.02 min

Lab File: VD060714.D

Acq: 26 Dec 2018 13:07

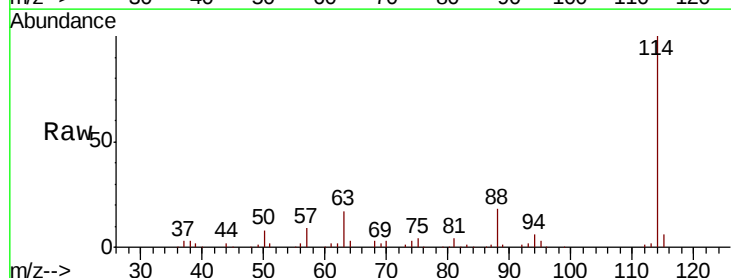
Tgt Ion: 114 Resp: 298396

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.2

88 17.5 0.0 37.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

7.42

150000

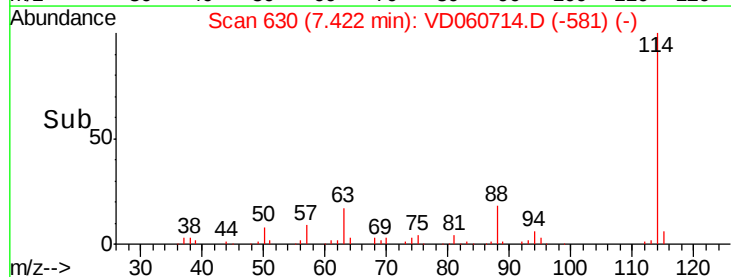
100000

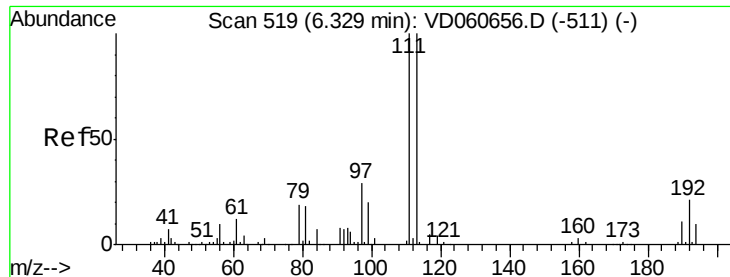
50000

0

7.30 7.40 7.50 7.60

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.30 min Scan# 516

Delta R.T. -0.03 min

Lab File: VD060714.D

Acq: 26 Dec 2018 13:07

Instrument :

MSVOA_D

ClientSampleId :

BU-03-122118

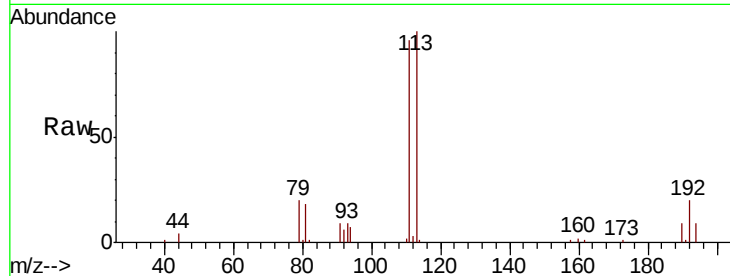
Tot Ion:113 Resp: 119677

Ion Ratio Lower Upper

113 100

111 96.2 80.0 120.0

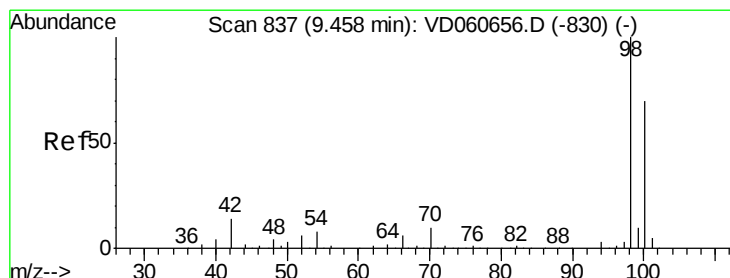
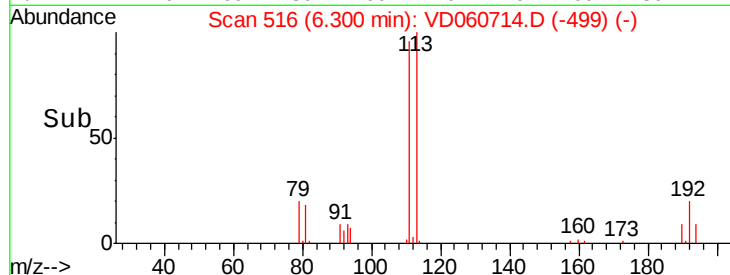
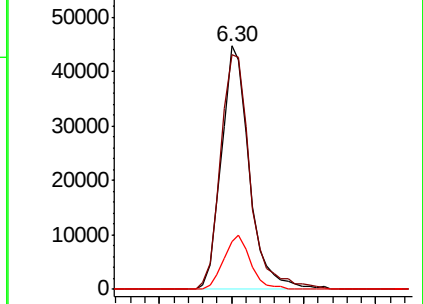
192 19.6 16.6 25.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.43 min Scan# 834

Delta R.T. -0.03 min

Lab File: VD060714.D

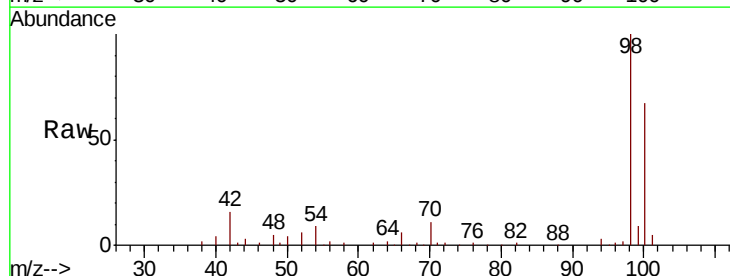
Acq: 26 Dec 2018 13:07

Tgt Ion: 98 Resp: 263901

Ion Ratio Lower Upper

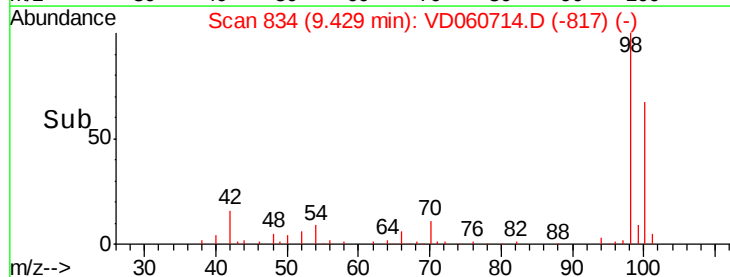
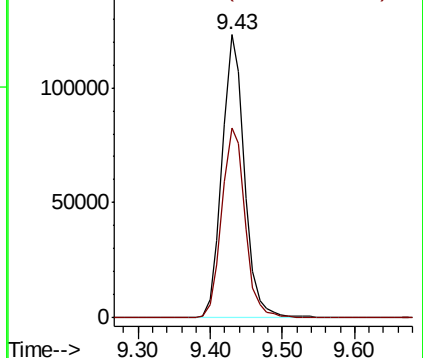
98 100

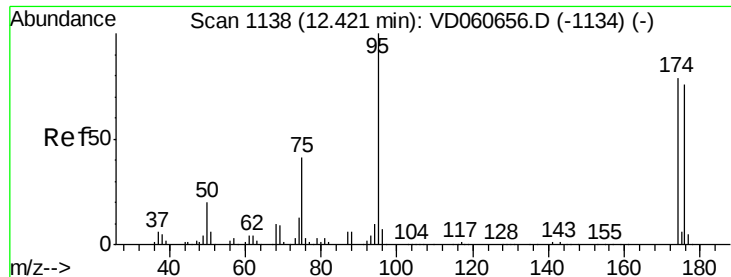
100 66.9 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

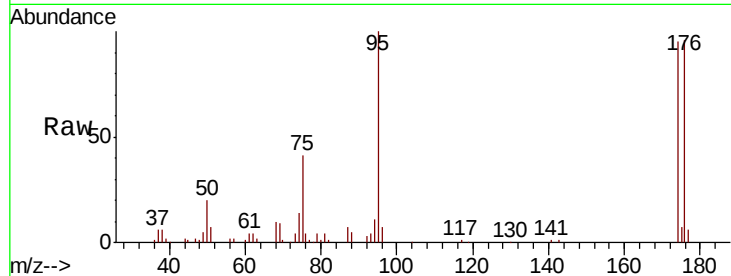




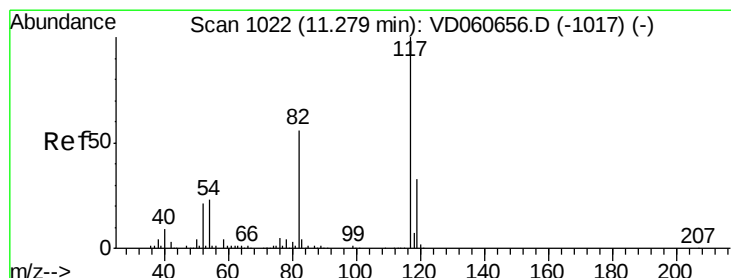
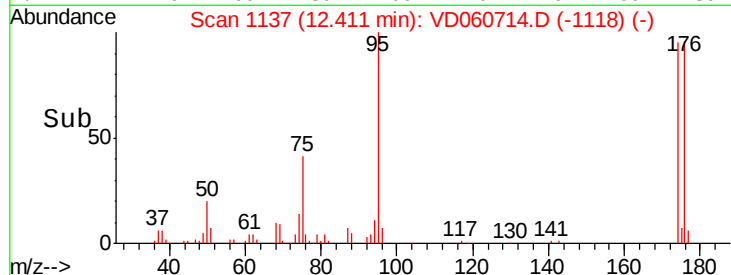
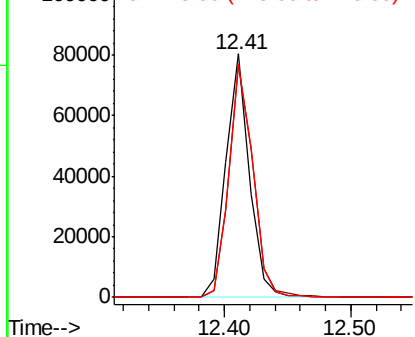
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VD060714.D
Acq: 26 Dec 2018 13:07

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122118

Tot Ion: 95 Resp: 103064
Ion Ratio Lower Upper
95 100
174 95.3 0.0 158.2
176 95.7 0.0 152.4

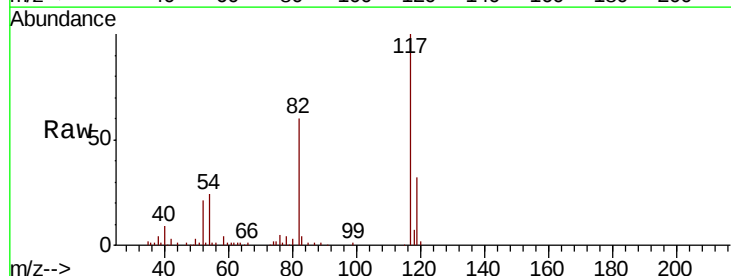


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

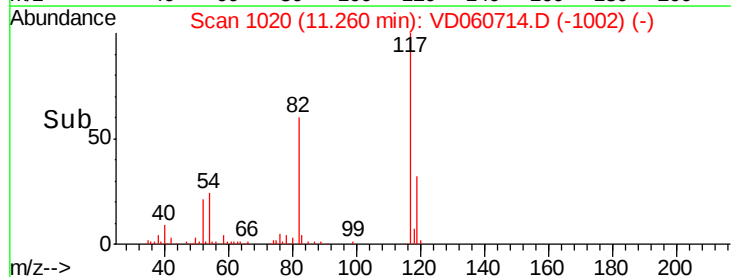
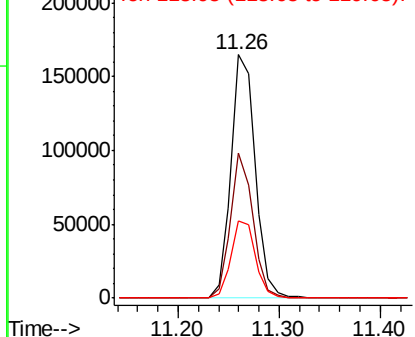


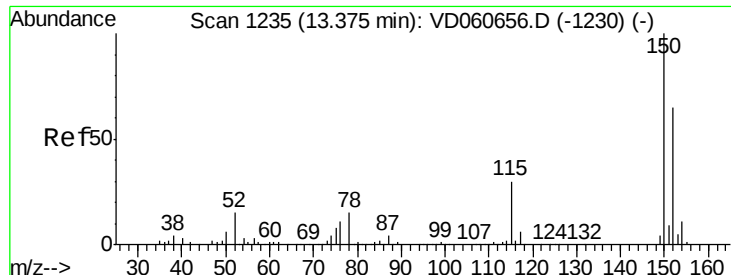
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1020
Delta R.T. -0.02 min
Lab File: VD060714.D
Acq: 26 Dec 2018 13:07

Tgt Ion: 117 Resp: 274678
Ion Ratio Lower Upper
117 100
82 59.7 44.5 66.7
119 31.6 26.3 39.5



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: VD060714.D
 Acq: 26 Dec 2018 13:07

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-122118

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.3	24.1	72.3
150	152.1	0.0	315.0

