

Data File : VW006392.D
Acq On : 26 Oct 2018 06:27
Operator : SY/AP
Sample : J5636-02
Misc : 5.06G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-B

Quant Time: Oct 26 08:19:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

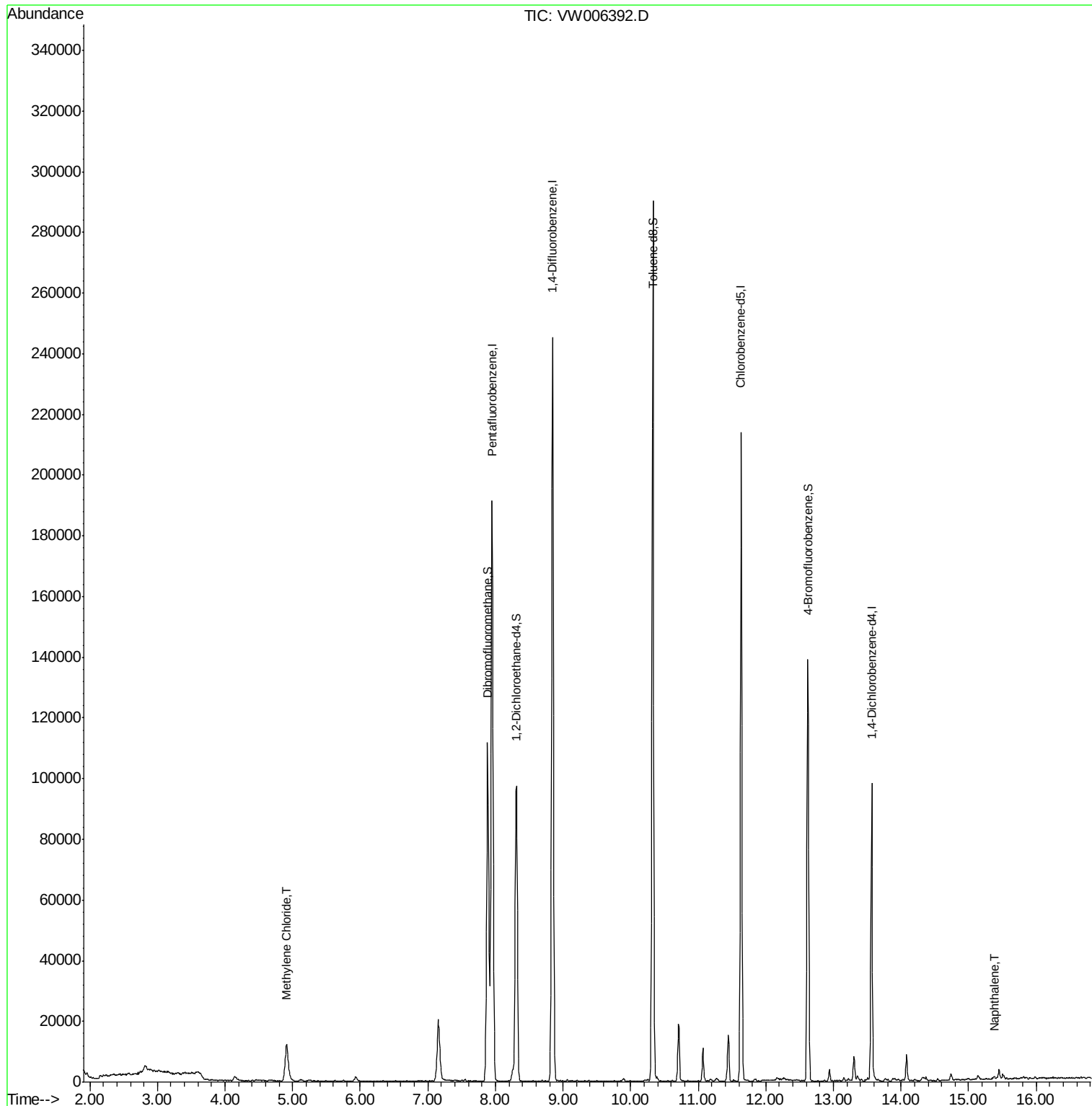
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	220429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79056	60.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.90%	
35) Dibromofluoromethane	7.88	113	78474	60.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.50%	
50) Toluene-d8	10.33	98	198439	40.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.10%	
62) 4-Bromofluorobenzene	12.62	95	34412	18.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.98%	
Target Compounds						
20) Methylene Chloride	4.90	84	10598	6.300	ug/l	85
95) Naphthalene	15.38	128	1198	1.131	ug/l #	92

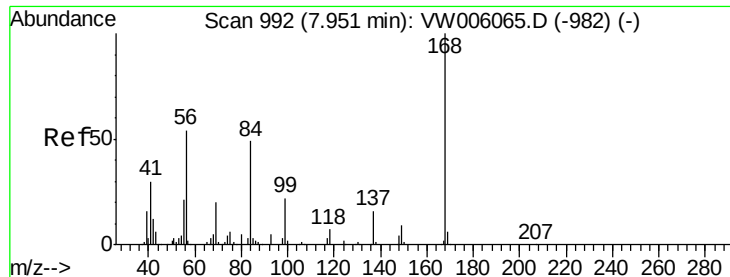
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

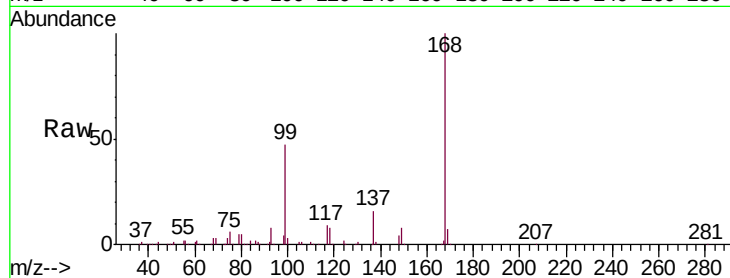
HP-GRID-B

Tgt Ion:168 Resp: 156440

Ion Ratio Lower Upper

168 100

99 47.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

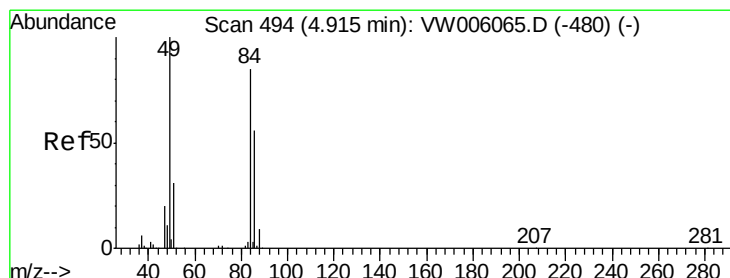
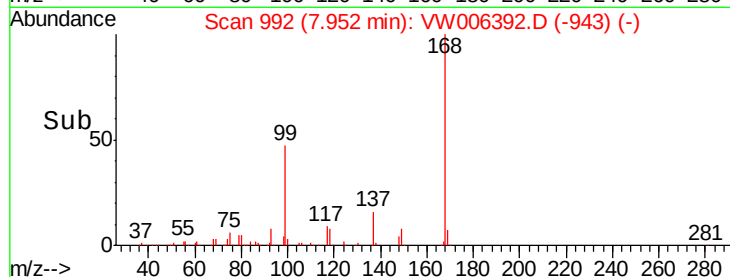
40000

20000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 6.300 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

Tgt Ion: 84 Resp: 10598

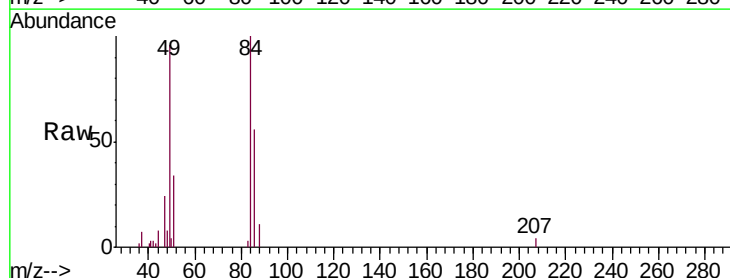
Ion Ratio Lower Upper

84 100

49 95.9 93.6 140.4

51 34.0 29.0 43.4

86 55.7 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.90

5000

4000

3000

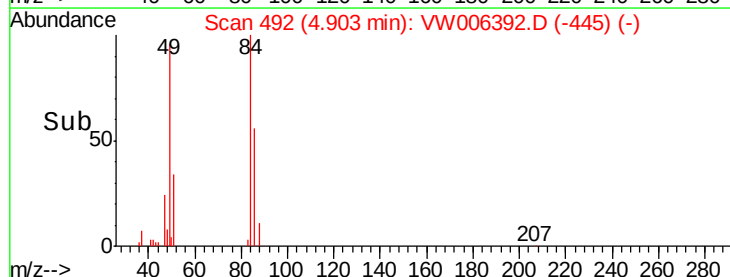
2000

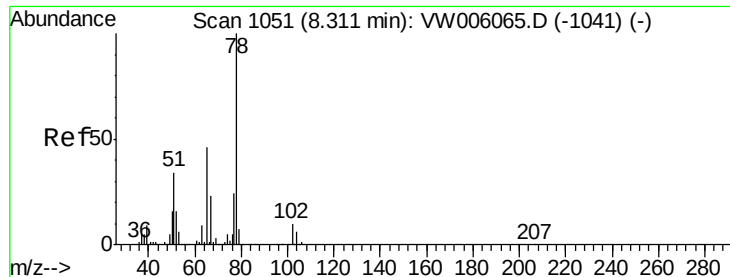
1000

0

4.80 4.90 5.00 5.10

Time-->

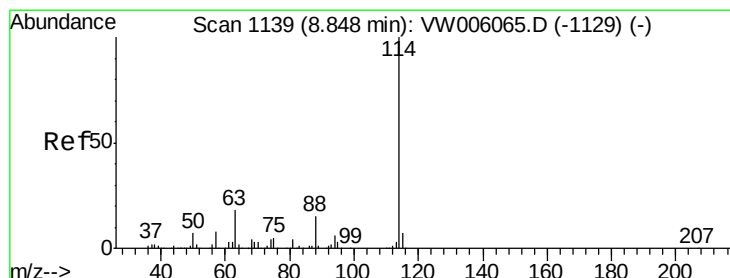
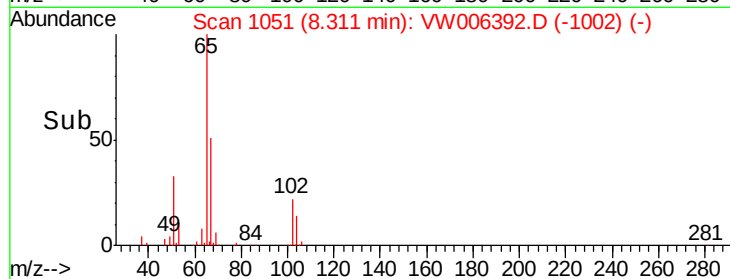
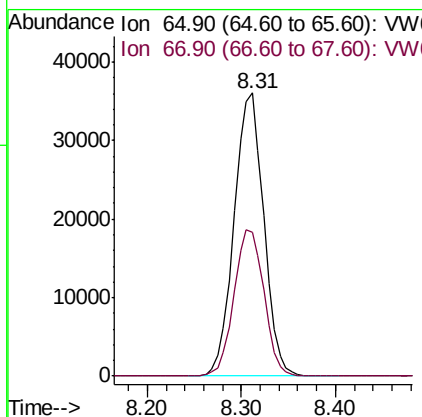
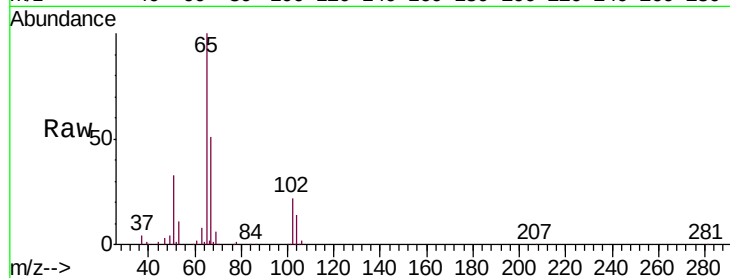




#33
 1,2-Dichloroethane-d4
 Concen: 60.954 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006392.D
 Acq: 26 Oct 2018 06:27

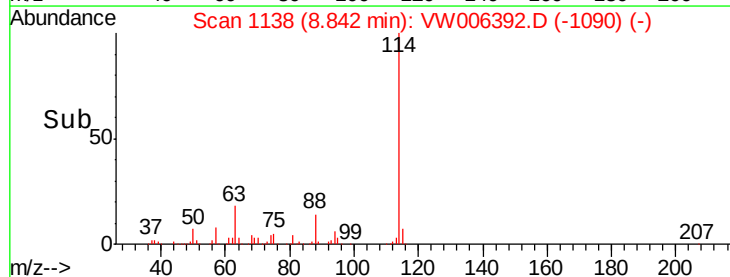
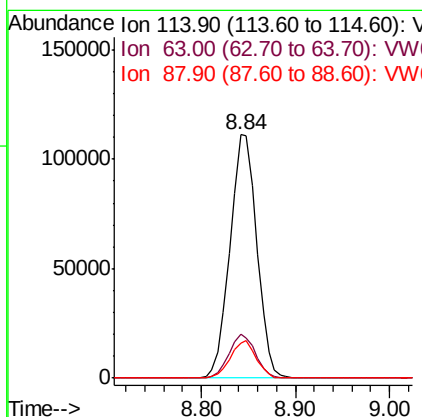
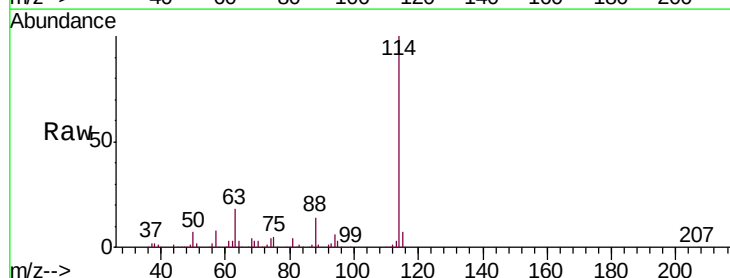
Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-B

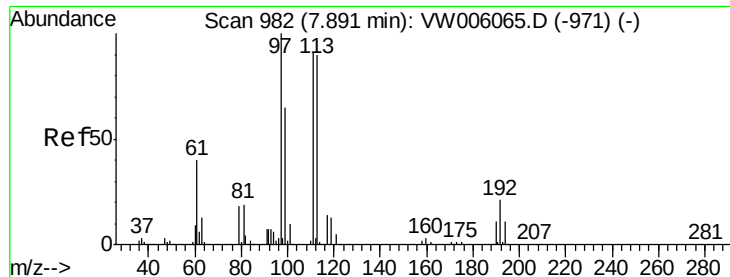
Tgt Ion: 65 Resp: 79056
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006392.D
 Acq: 26 Oct 2018 06:27

Tgt Ion: 114 Resp: 220429
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 60.249 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-B

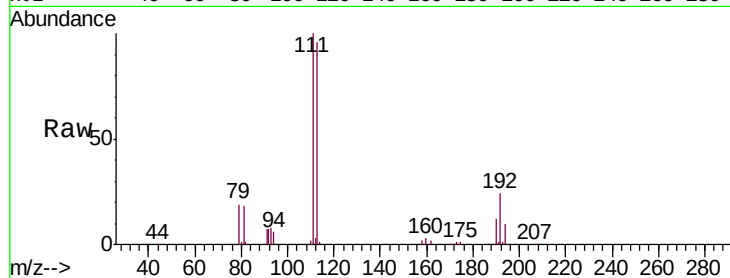
Tgt Ion:113 Resp: 78474

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

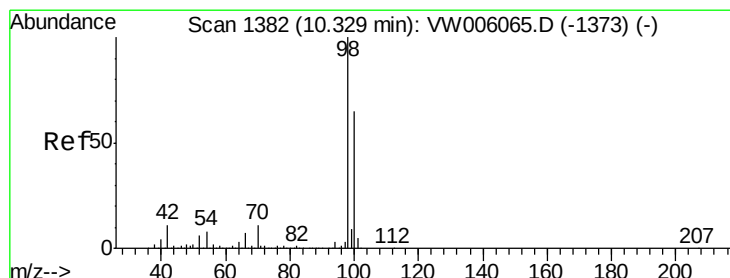
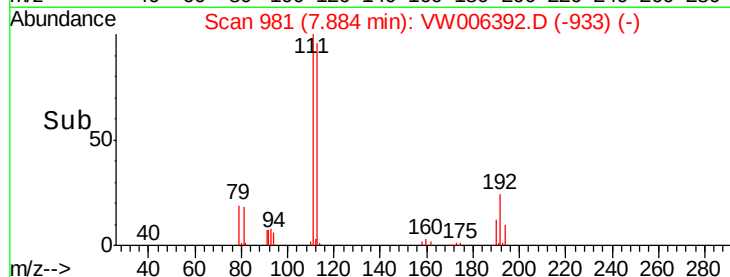
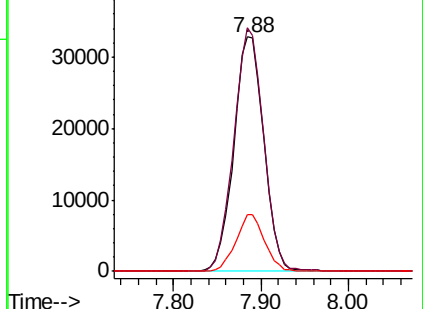
192 23.1 18.7 28.1



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: 40.045 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006392.D

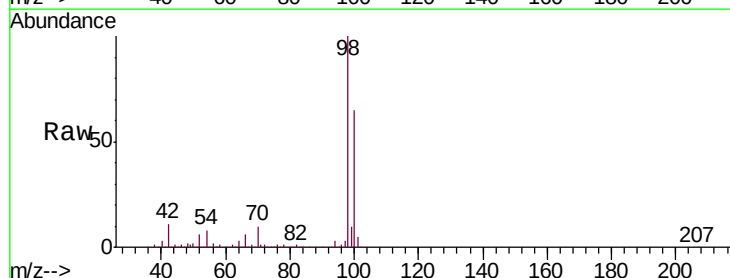
Acq: 26 Oct 2018 06:27

Tgt Ion: 98 Resp: 198439

Ion Ratio Lower Upper

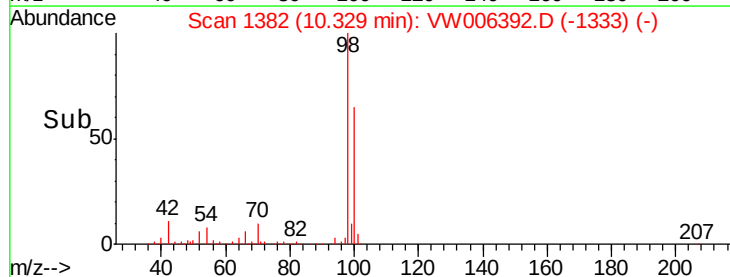
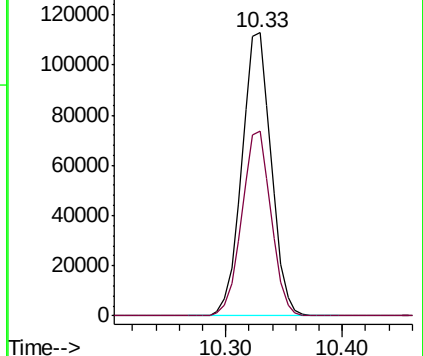
98 100

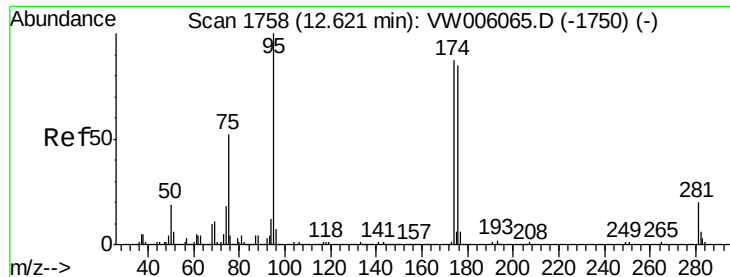
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

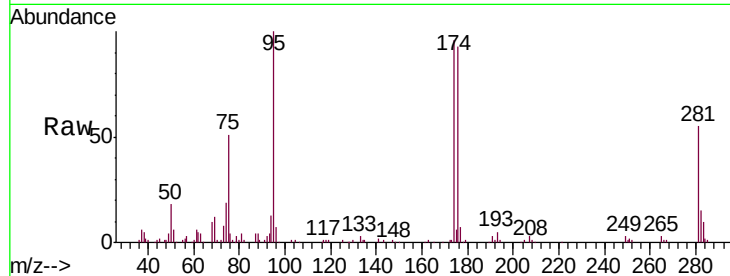




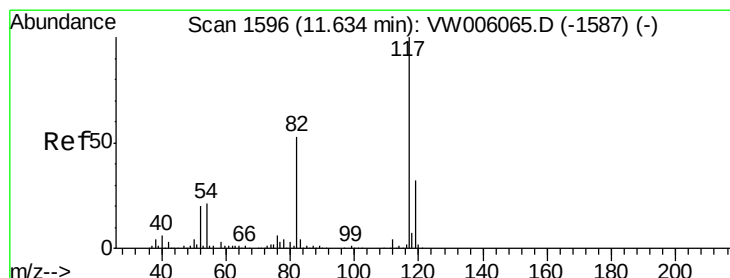
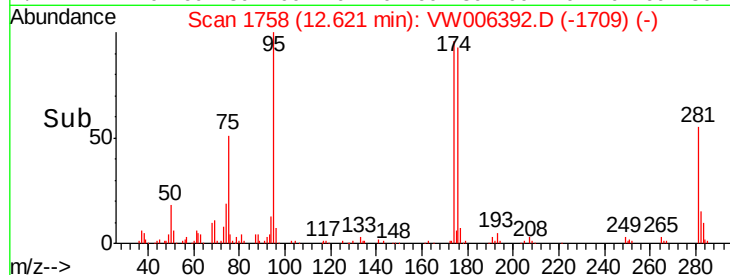
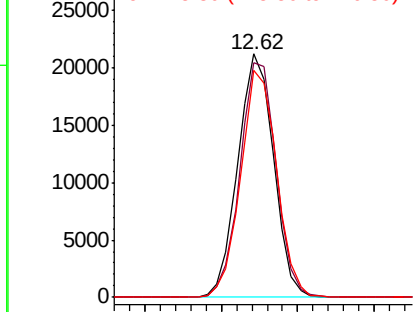
#62
4-Bromofluorobenzene
Concen: 18.489 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006392.D
Acq: 26 Oct 2018 06:27

Instrument :
MSVOA_W
ClientSampled :
HP-GRID-B

Tgt Ion: 95 Resp: 34412
Ion Ratio Lower Upper
95 100
174 97.7 0.0 186.0
176 93.7 0.0 181.6

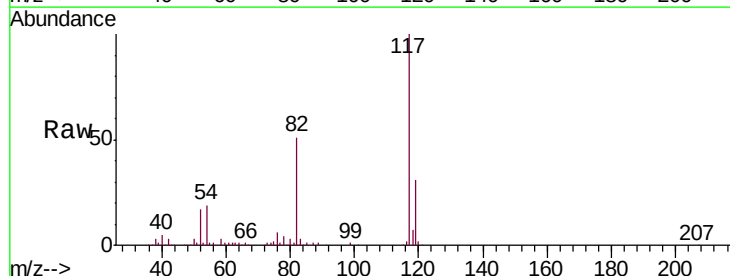


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

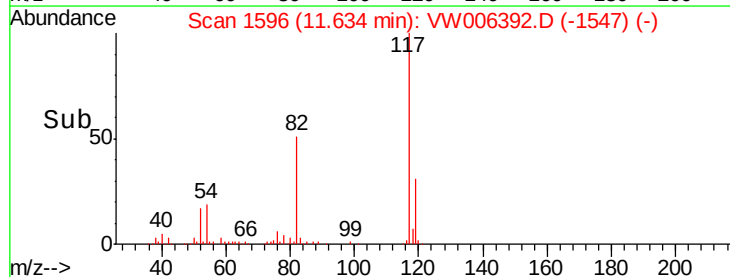
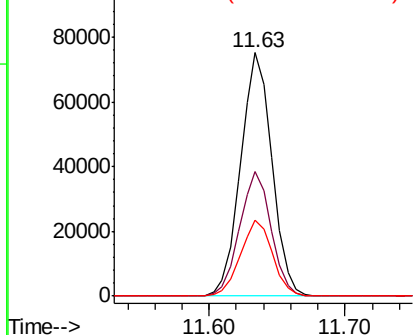


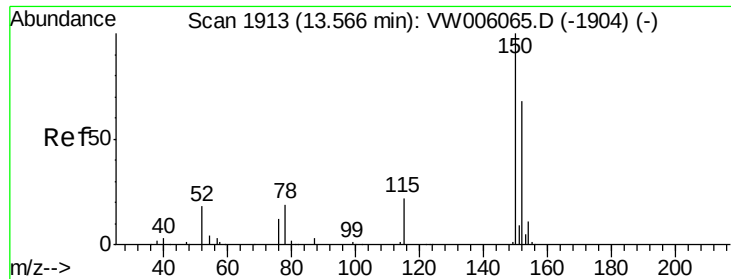
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006392.D
Acq: 26 Oct 2018 06:27

Tgt Ion: 117 Resp: 121176
Ion Ratio Lower Upper
117 100
82 50.9 42.1 63.1
119 31.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW

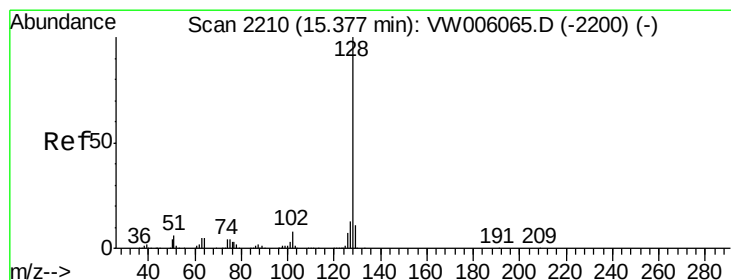
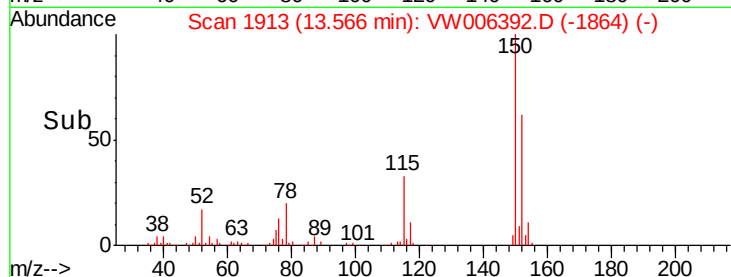
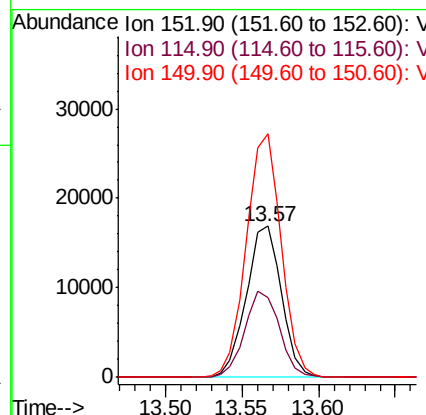
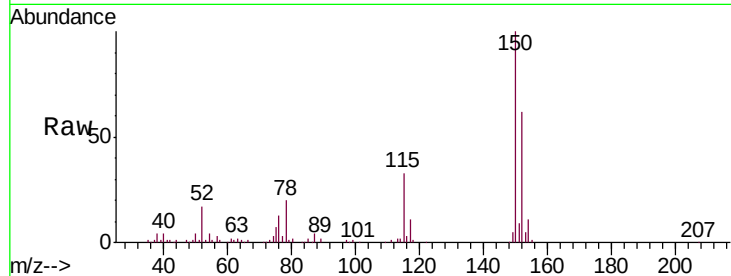




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006392.D
 Acq: 26 Oct 2018 06:27

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-B

Tgt Ion:152 Resp: 26944
 Ion Ratio Lower Upper
 152 100
 115 56.5 27.8 83.3
 150 159.9 0.0 349.2



#95
 Naphthalene
 Concen: 1.131 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006392.D
 Acq: 26 Oct 2018 06:27

Tgt Ion:128 Resp: 1198
 Ion Ratio Lower Upper
 128 100
 127 11.9 10.3 15.5
 129 5.3 8.7 13.1#

