

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006433.D
 Acq On : 27 Oct 2018 05:42
 Operator : SY/AP
 Sample : J5636-01RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-ARE

Quant Time: Oct 27 07:01:40 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

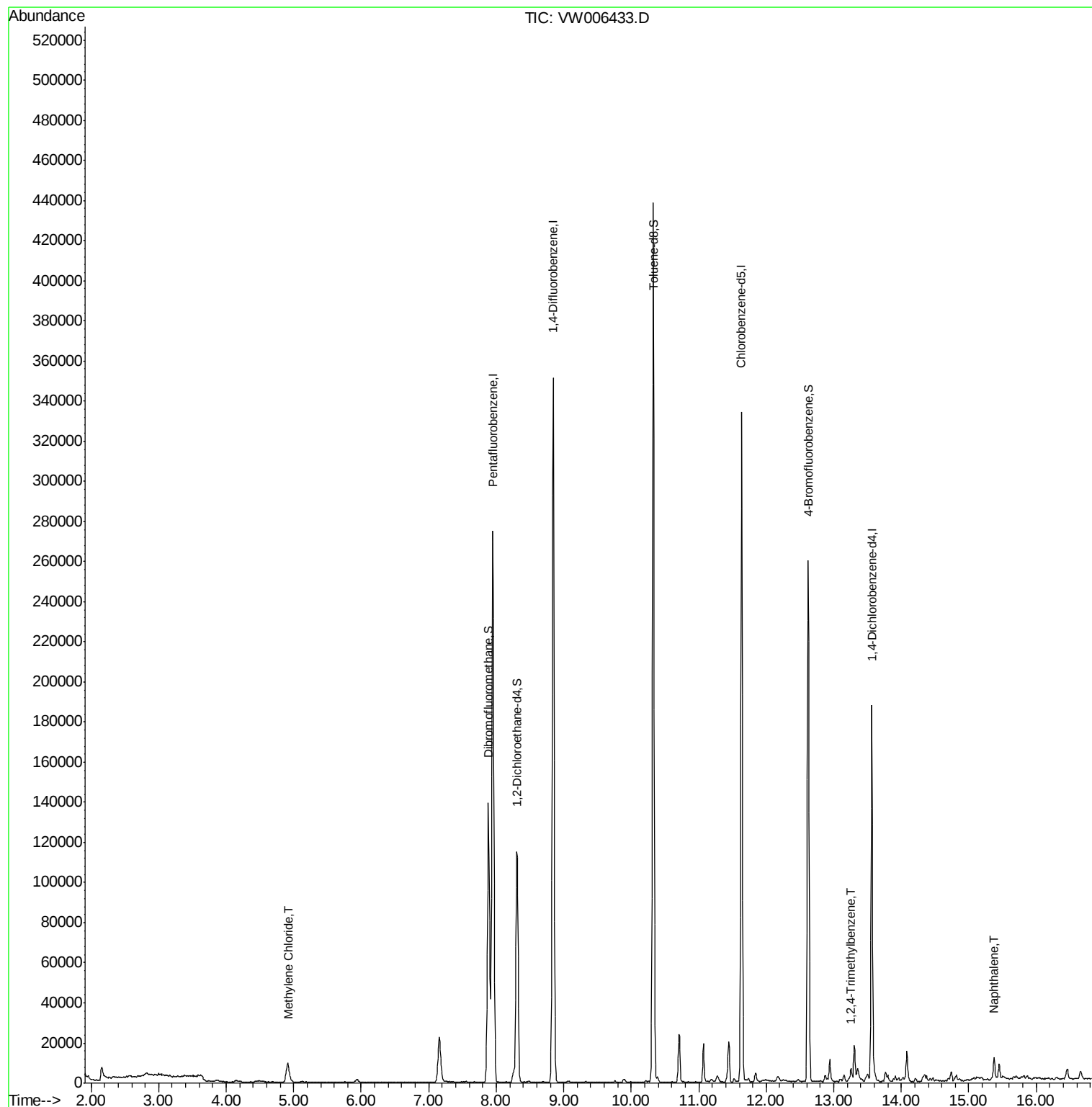
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	195558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93282	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	7.88	113	97852	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
50) Toluene-d8	10.32	98	313588	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	12.62	95	64983	24.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.80%	
Target Compounds						
20) Methylene Chloride	4.92	84	8184	2.591	ug/l #	85
84) 1,2,4-Trimethylbenzene	13.26	105	3995	1.266	ug/l	91
95) Naphthalene	15.38	128	10908	5.299	ug/l	99

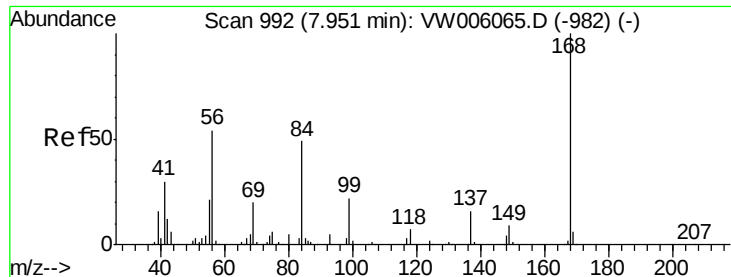
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

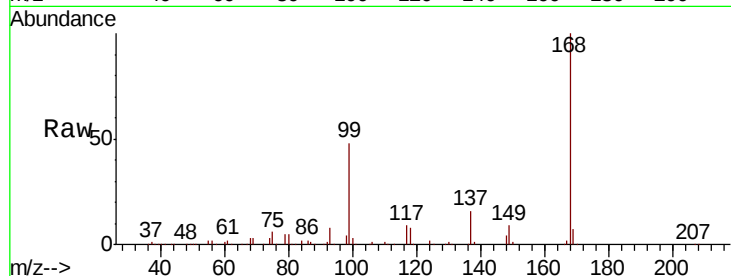
HP-GRID-ARE

Tot Ion:168 Resp: 225646

Ion Ratio Lower Upper

168 100

99 48.4 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

100000

80000

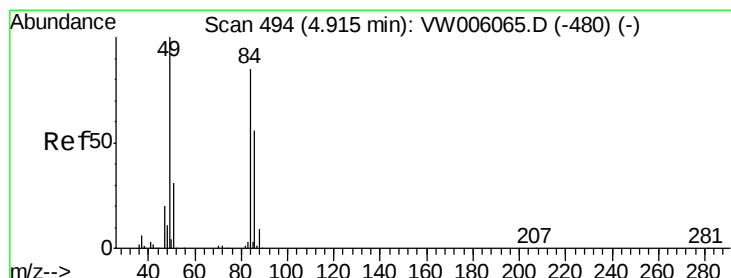
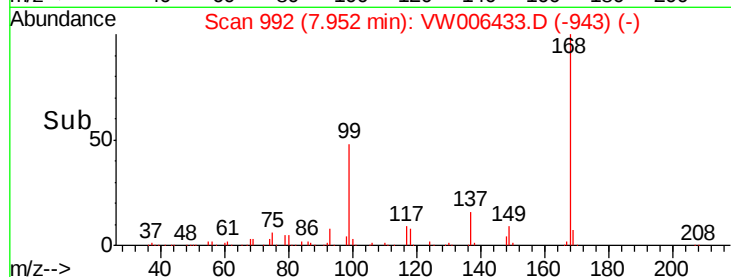
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.591 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Tgt Ion: 84 Resp: 8184

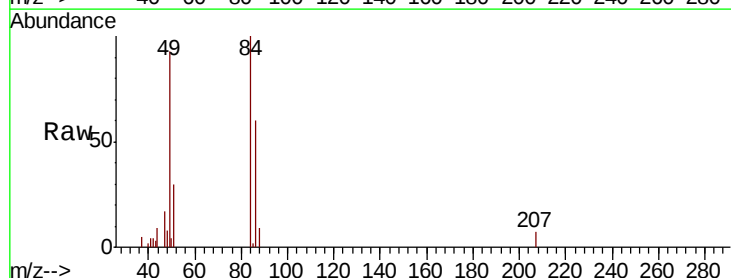
Ion Ratio Lower Upper

84 100

49 93.1 93.6 140.4#

51 30.4 29.0 43.4

86 60.3 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

4.92

4000

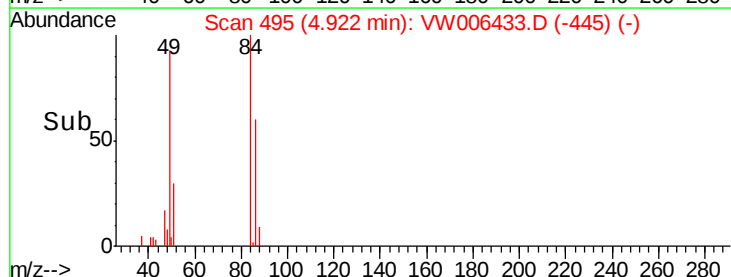
3000

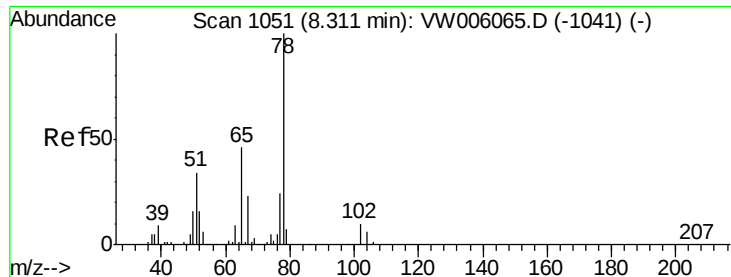
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.864 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

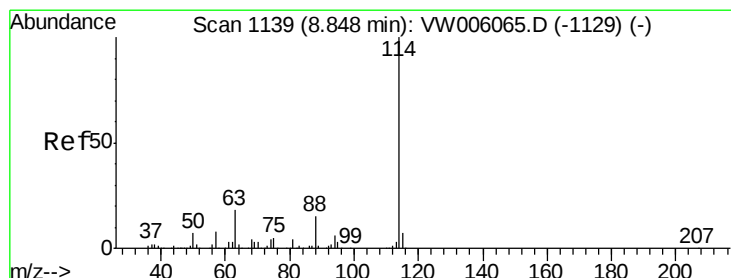
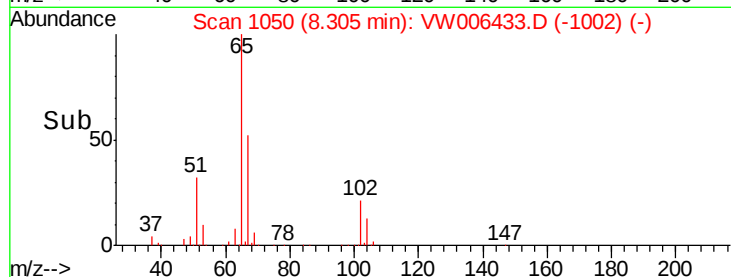
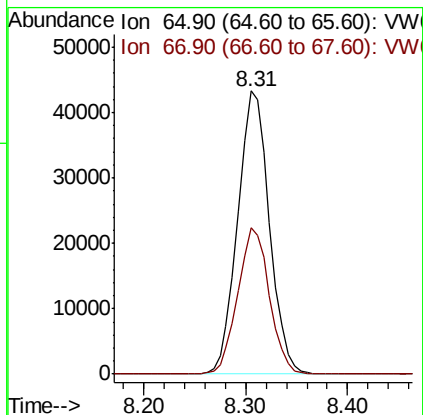
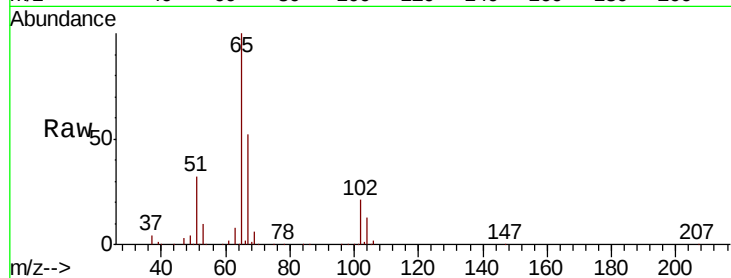
HP-GRID-ARE

Tot Ion: 65 Resp: 93282

Ion Ratio Lower Upper

65 100

67 51.5 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: VW006433.D

Acq: 27 Oct 2018 05:42

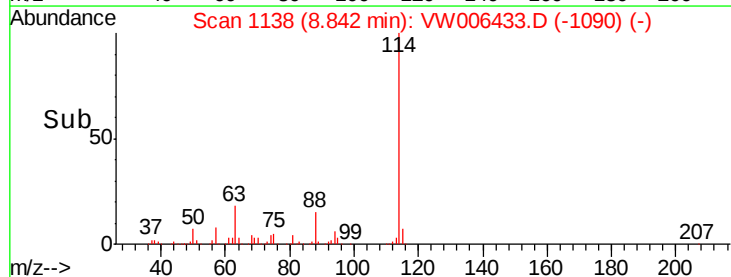
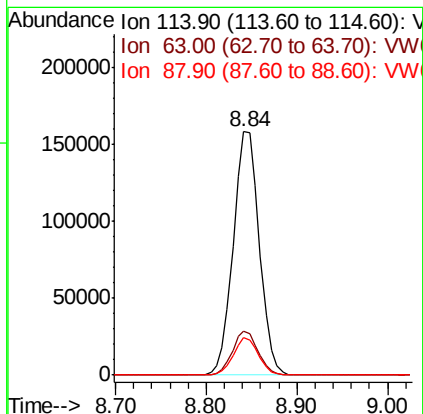
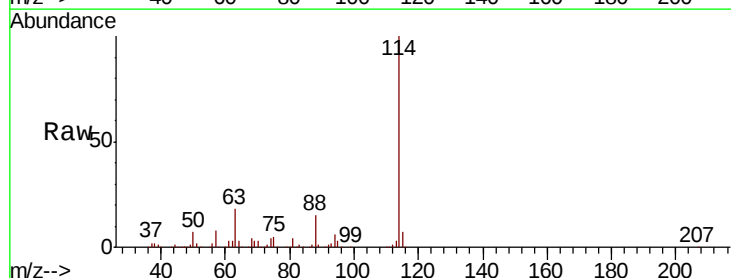
Tgt Ion: 114 Resp: 315477

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 15.2 0.0 29.0

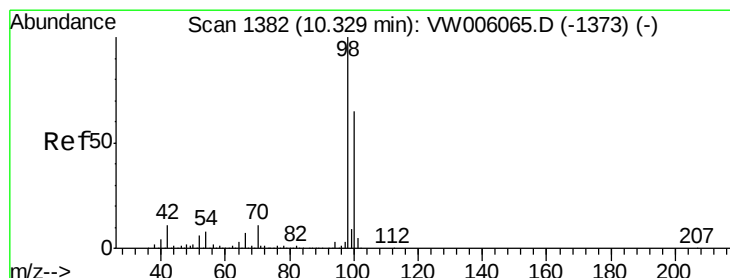
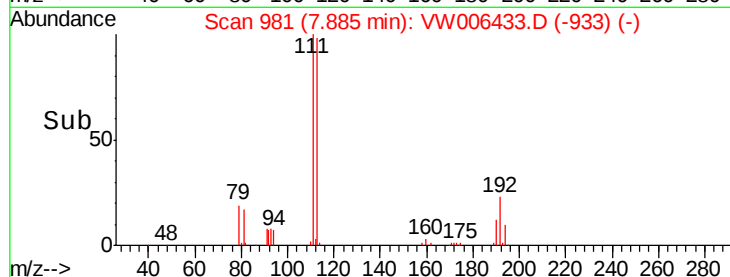
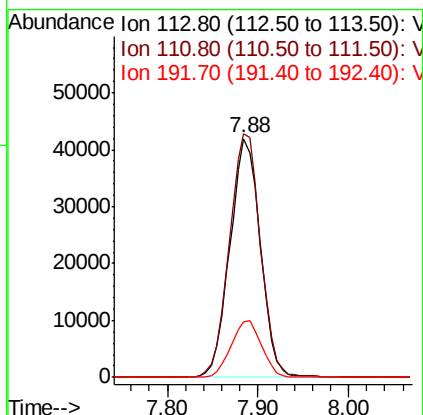
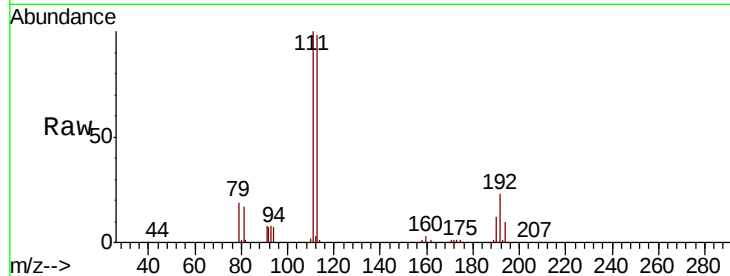




#35
Dibromofluoromethane
Concen: 52.492 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006433.D
Acq: 27 Oct 2018 05:42

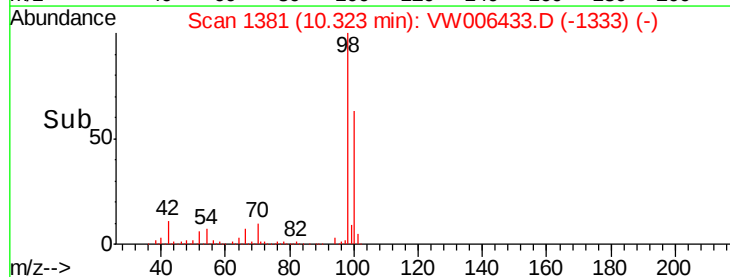
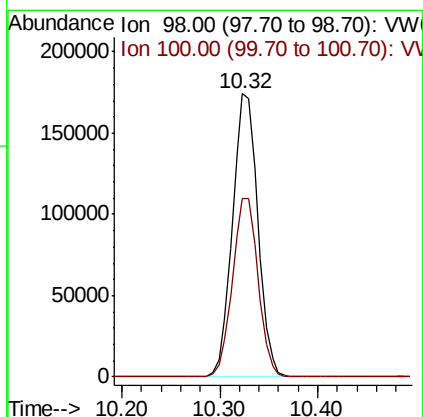
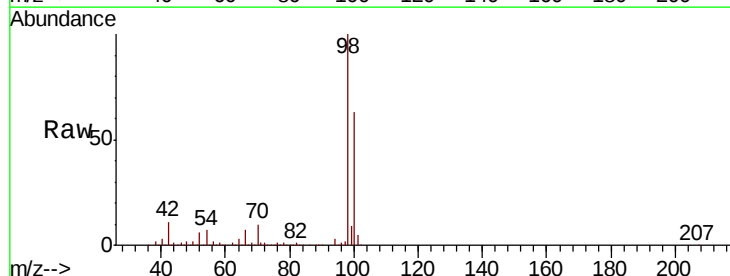
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-ARE

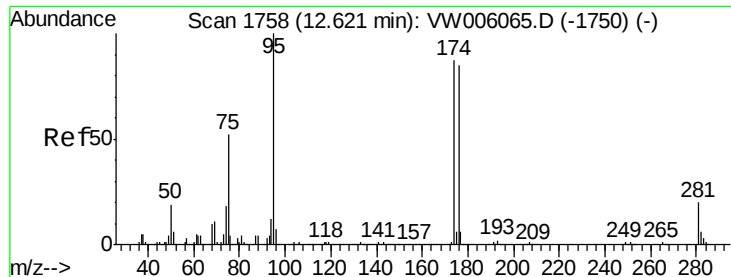
Tot Ion:113 Resp: 97852
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 23.8 18.7 28.1



#50
Toluene-d8
Concen: 44.216 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006433.D
Acq: 27 Oct 2018 05:42

Tgt Ion: 98 Resp: 313588
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

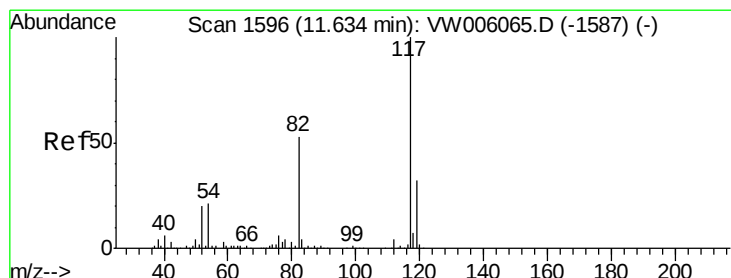
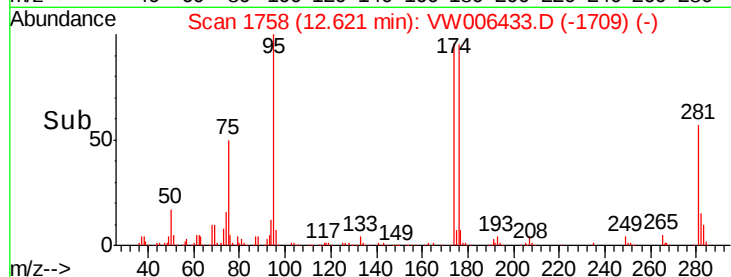
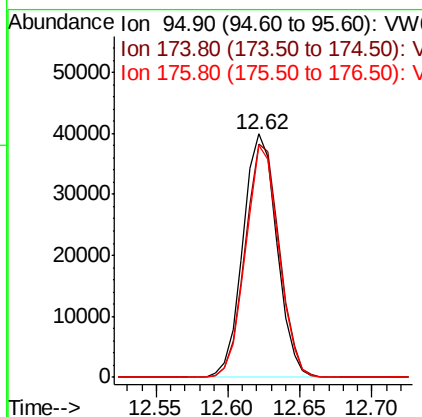
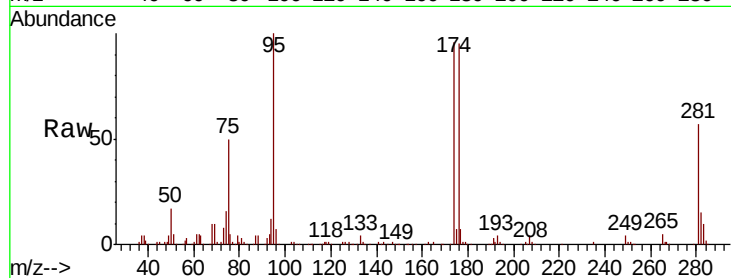




#62
4-Bromofluorobenzene
Concen: 24.396 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006433.D
Acq: 27 Oct 2018 05:42

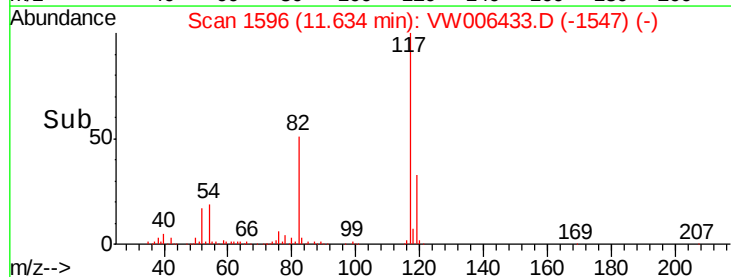
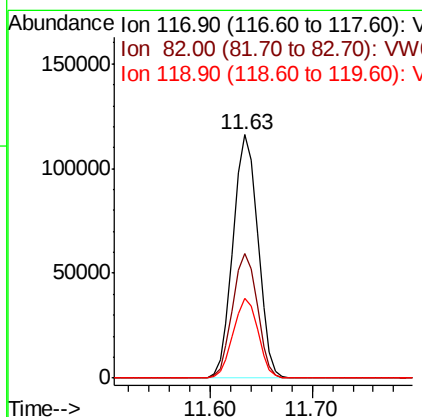
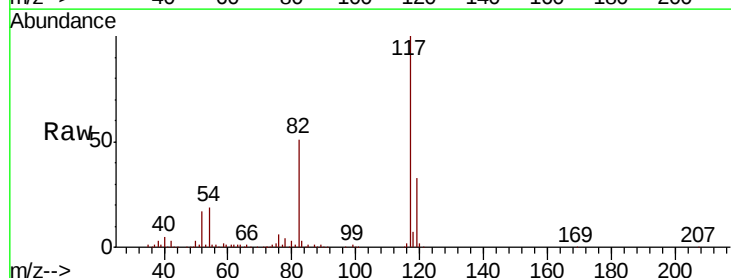
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-ARE

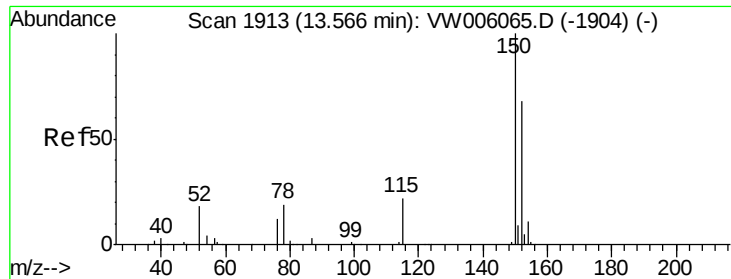
Tot Ion: 95 Resp: 64983
Ion Ratio Lower Upper
95 100
174 96.4 0.0 186.0
176 93.0 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006433.D
Acq: 27 Oct 2018 05:42

Tgt Ion: 117 Resp: 195558
Ion Ratio Lower Upper
117 100
82 51.3 42.1 63.1
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-ARE

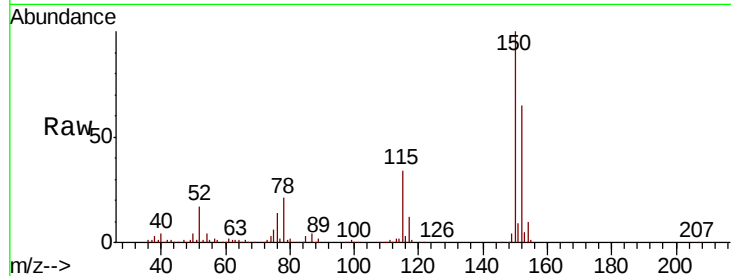
Tot Ion:152 Resp: 52358

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

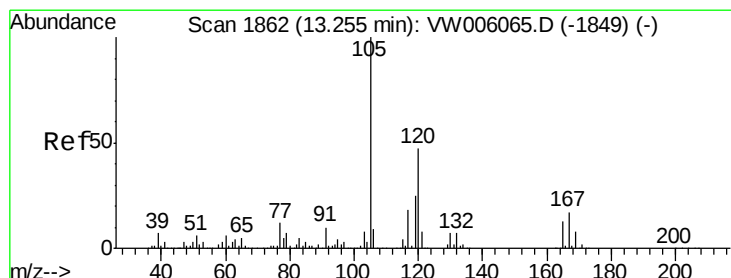
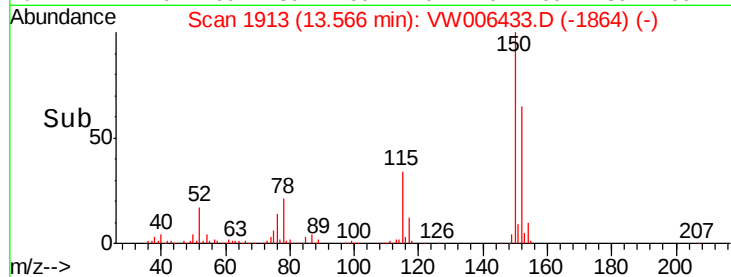
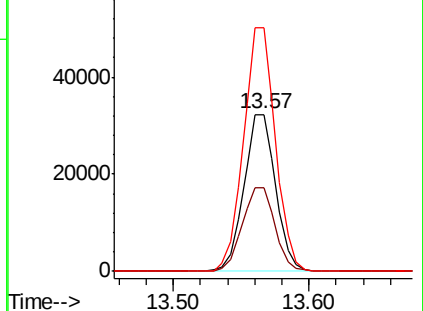
150 156.5 0.0 349.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.266 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006433.D

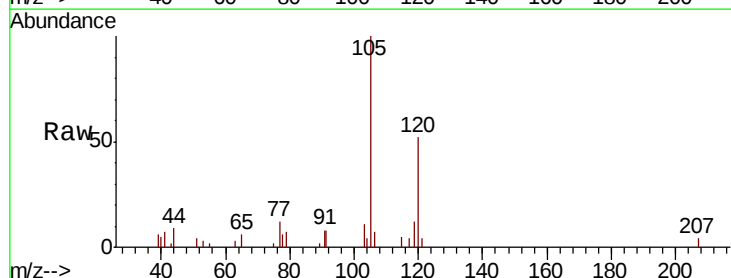
Acq: 27 Oct 2018 05:42

Tgt Ion:105 Resp: 3995

Ion Ratio Lower Upper

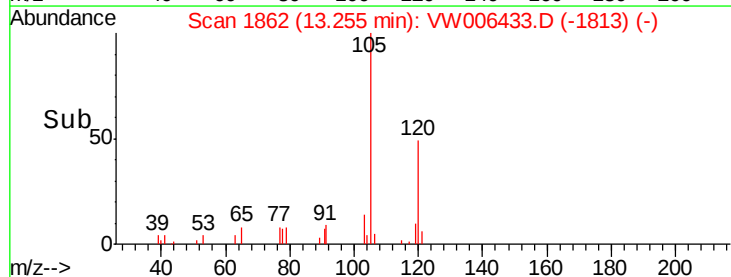
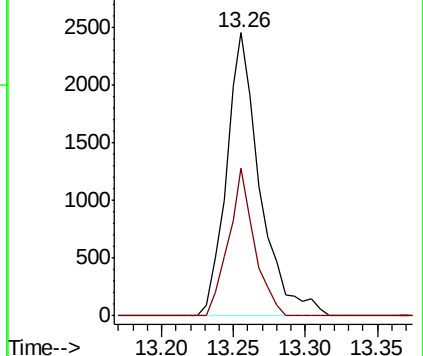
105 100

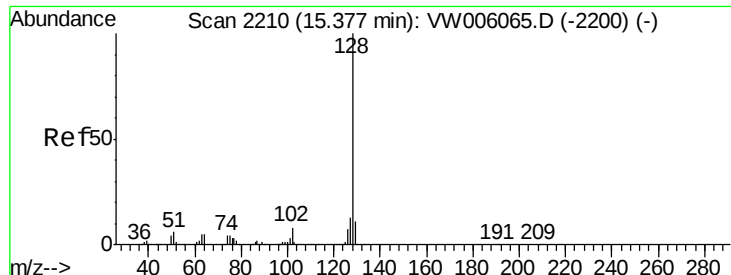
120 40.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.299 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-ARE

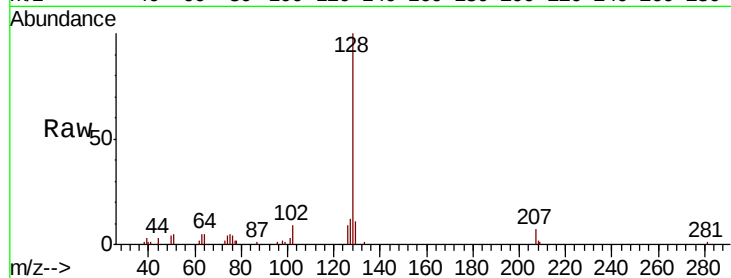
Tot Ion:128 Resp: 10908

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.8 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

