

Data File : VW006391.D
Acq On : 26 Oct 2018 06:01
Operator : SY/AP
Sample : J5636-01
Misc : 5.3G/5ML/MSVOA_W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-A

Quant Time: Oct 26 08:17:43 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

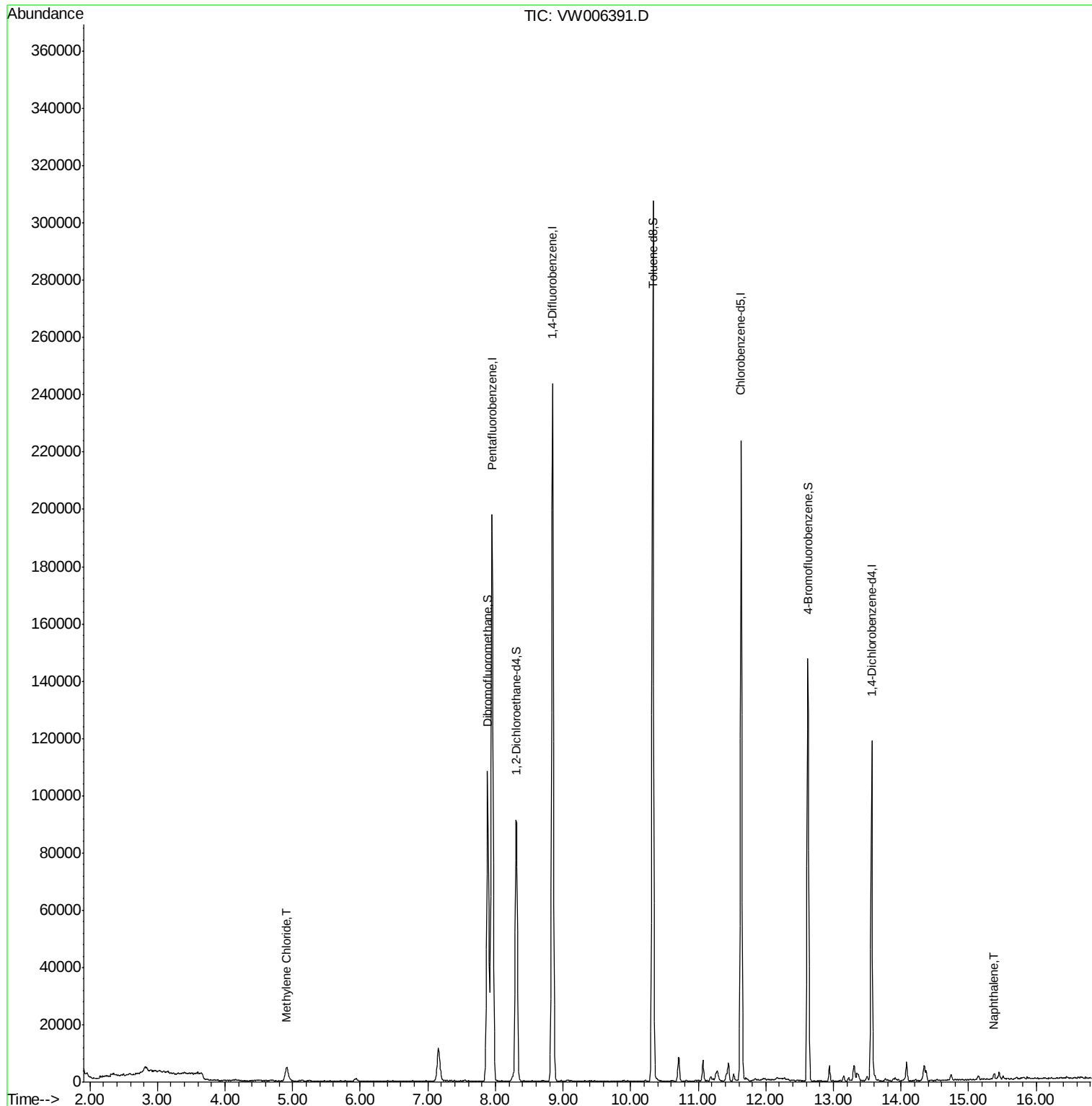
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	162265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	218315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	73914	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
35) Dibromofluoromethane	7.88	113	74683	57.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.78%	
50) Toluene-d8	10.33	98	214581	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
62) 4-Bromofluorobenzene	12.62	95	39477	21.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.84%	
Target Compounds						
20) Methylene Chloride	4.91	84	4353	1.479	ug/l	91
95) Naphthalene	15.37	128	2305	1.765	ug/l #	93

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

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Quant Title : SW846 8260
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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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MSVOA_W

ClientSampleId :

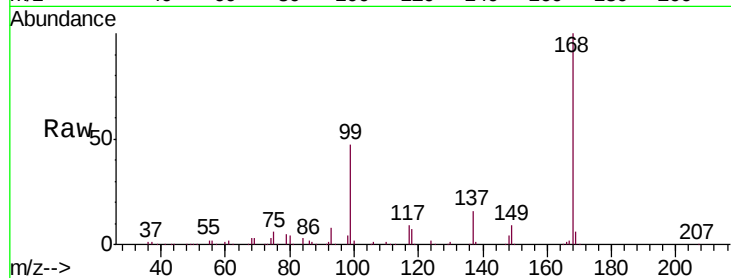
HP-GRID-A

Tgt Ion:168 Resp: 162265

Ion Ratio Lower Upper

168 100

99 47.5 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

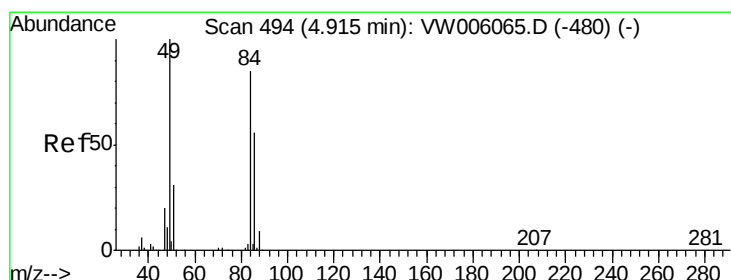
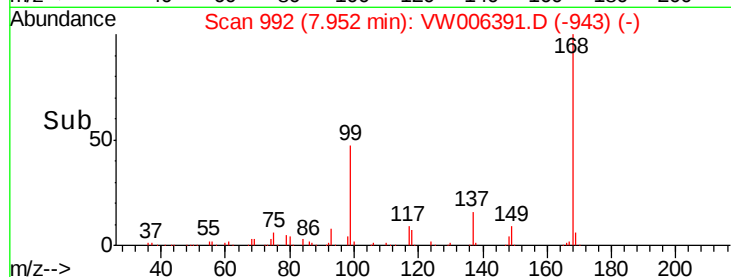
40000

20000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 1.479 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006391.D

Acq: 26 Oct 2018 06:01

Tgt Ion: 84 Resp: 4353

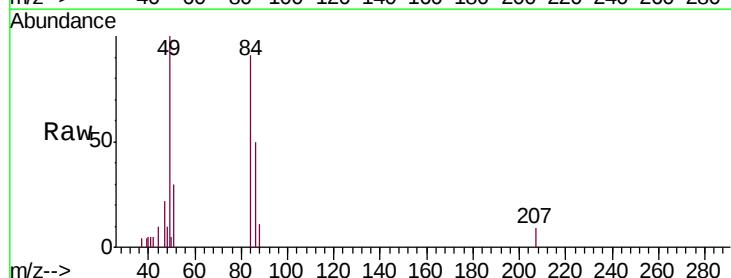
Ion Ratio Lower Upper

84 100

49 109.9 93.6 140.4

51 32.6 29.0 43.4

86 54.9 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

2000

1500

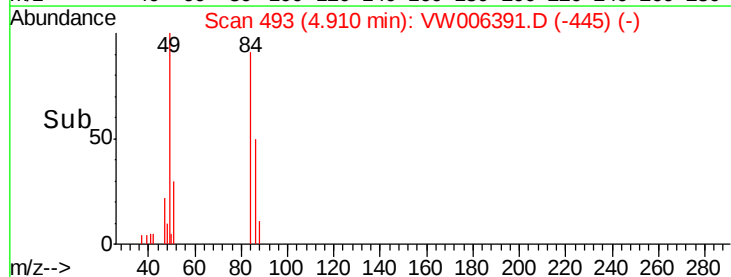
1000

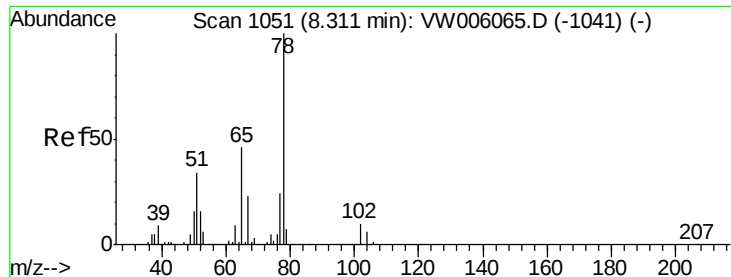
500

0

4.80 4.90 5.00

Time-->

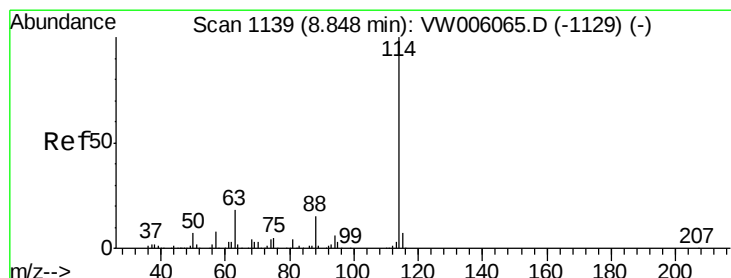
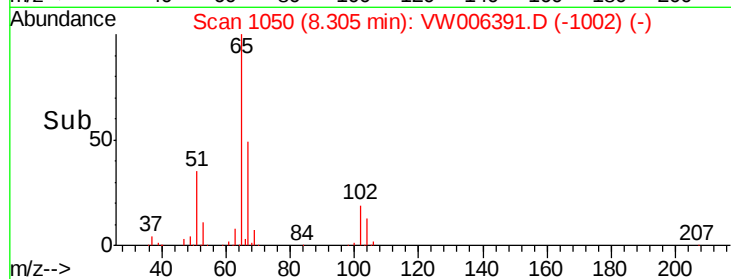
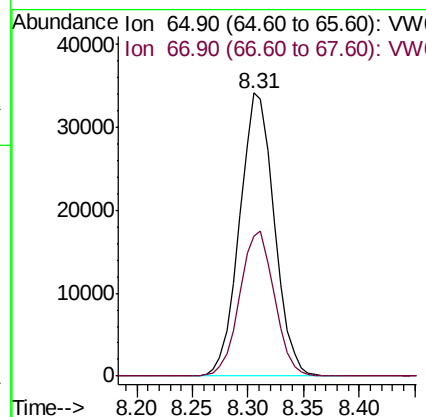
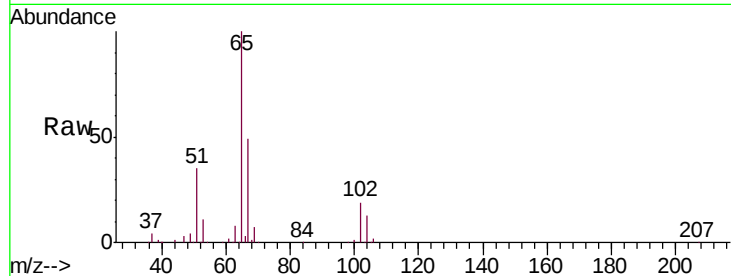




#33
 1,2-Dichloroethane-d4
 Concen: 54.944 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006391.D
 Acq: 26 Oct 2018 06:01

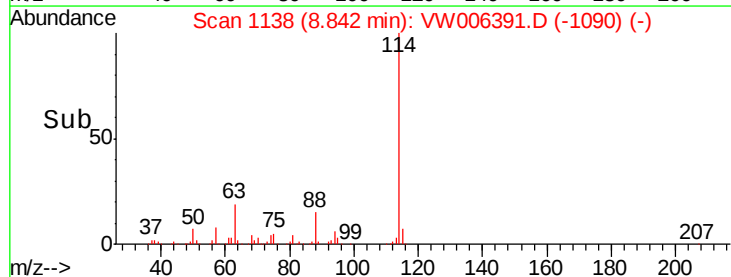
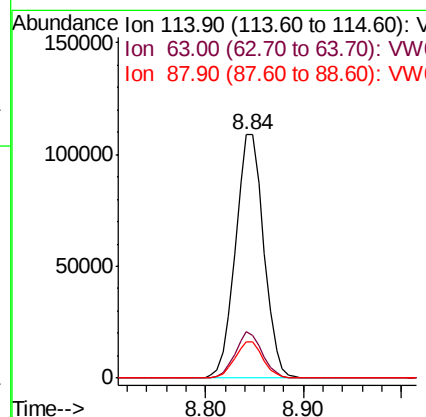
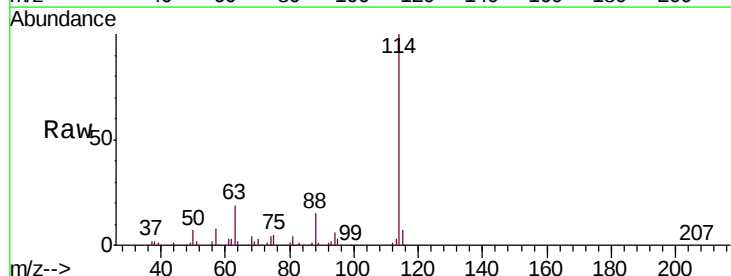
Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-A

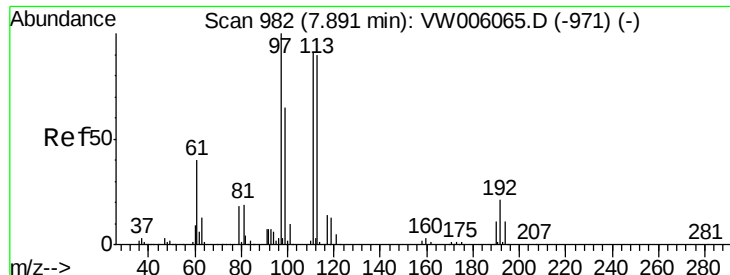
Tgt Ion: 65 Resp: 73914
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006391.D
 Acq: 26 Oct 2018 06:01

Tgt Ion: 114 Resp: 218315
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.8
 88 14.7 0.0 29.0

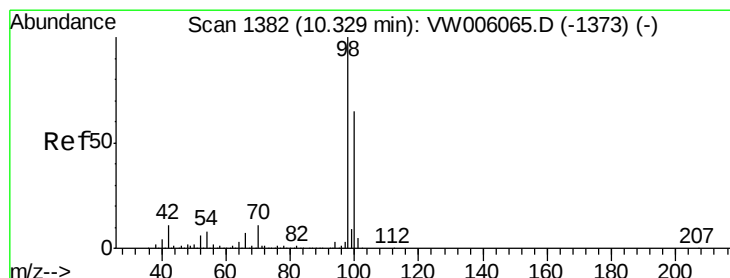
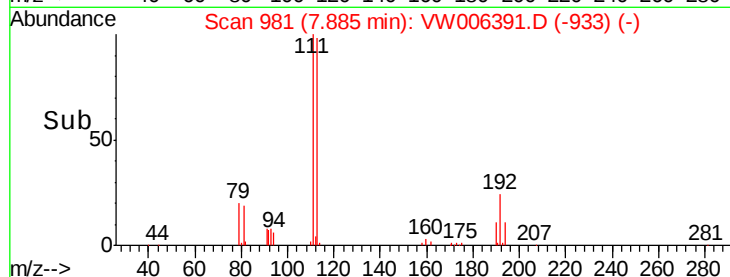
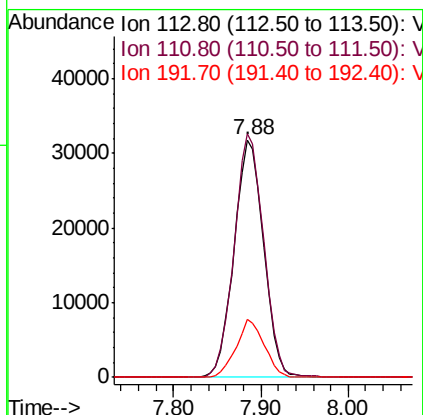
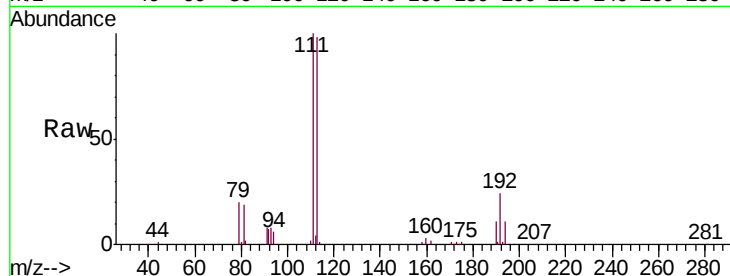




#35
 Dibromofluoromethane
 Concen: 57.893 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006391.D
 Acq: 26 Oct 2018 06:01

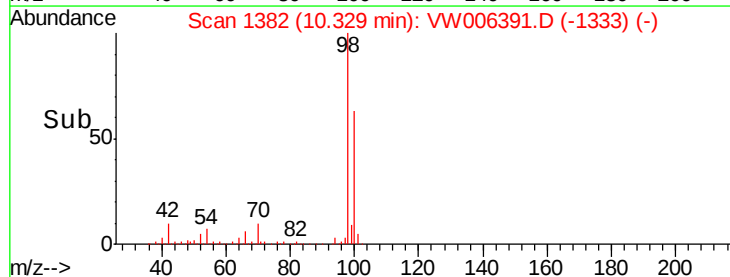
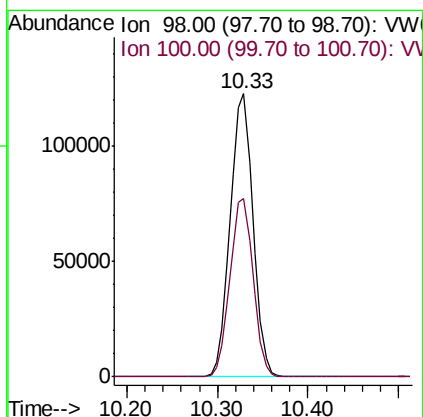
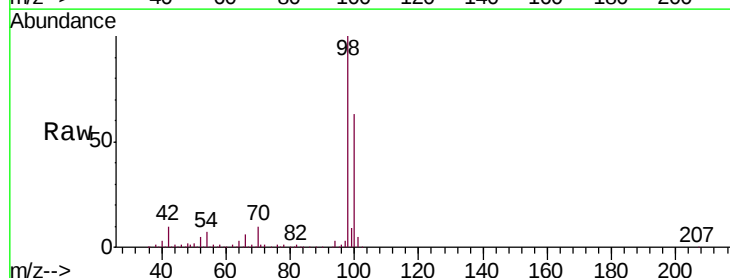
Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-A

Tgt Ion:113 Resp: 74683
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.0
 192 23.3 18.7 28.1



#50
 Toluene-d8
 Concen: 43.722 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006391.D
 Acq: 26 Oct 2018 06:01

Tgt Ion: 98 Resp: 214581
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.6 77.4

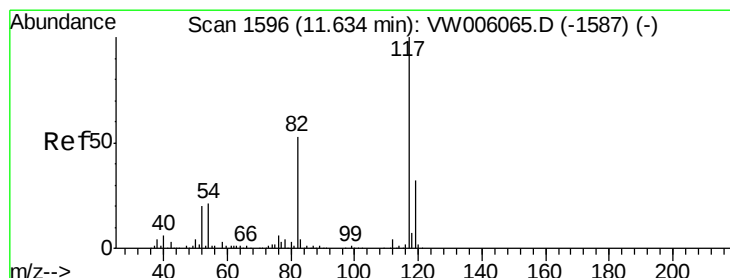
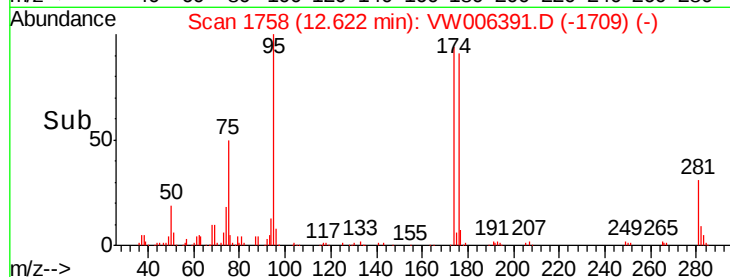
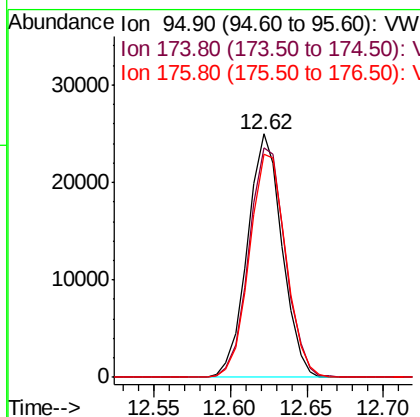
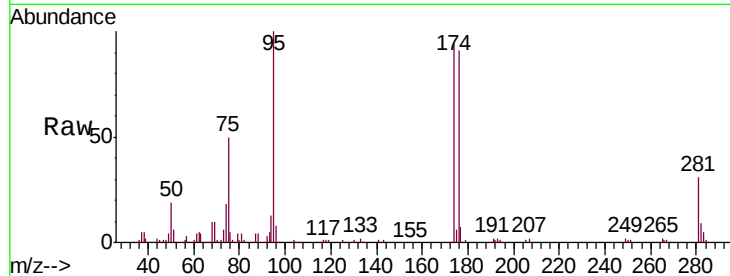




#62
4-Bromofluorobenzene
Concen: 21.416 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006391.D
Acq: 26 Oct 2018 06:01

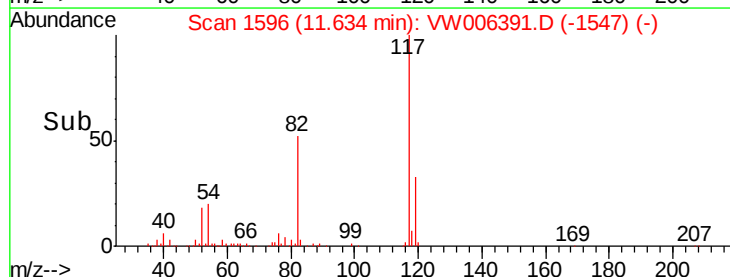
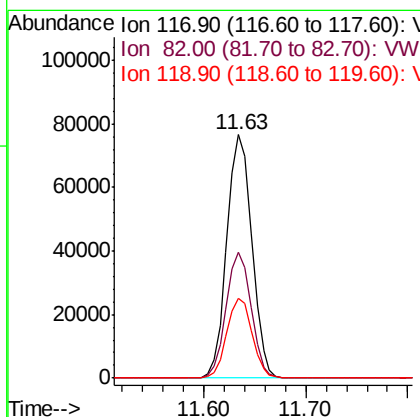
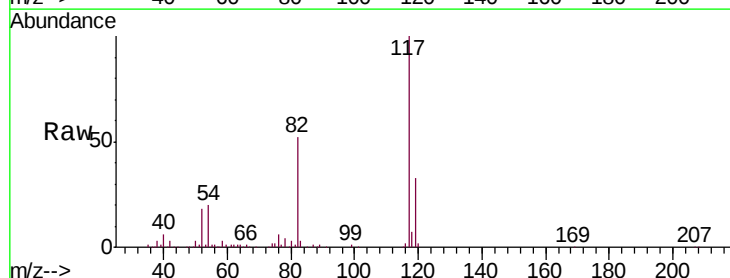
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-A

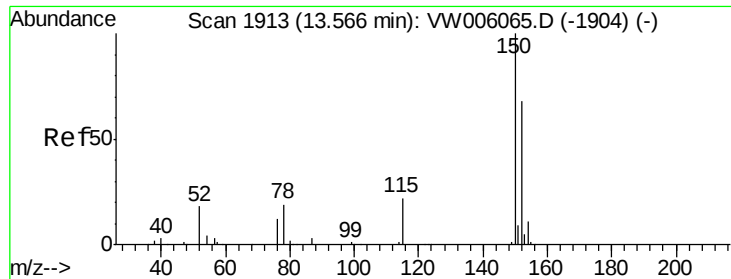
Tgt Ion: 95 Resp: 39477
Ion Ratio Lower Upper
95 100
174 98.7 0.0 186.0
176 96.2 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006391.D
Acq: 26 Oct 2018 06:01

Tgt Ion: 117 Resp: 130077
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.6 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: VW006391.D

Acq: 26 Oct 2018 06:01

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-A

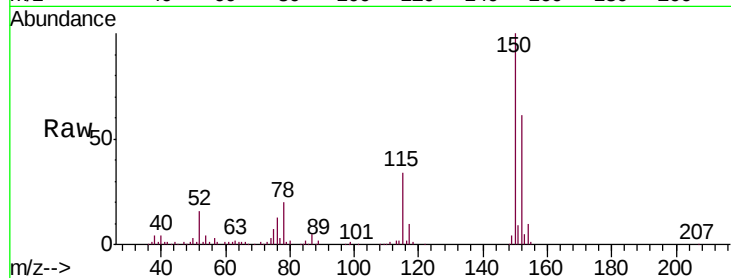
Tgt Ion:152 Resp: 33223

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

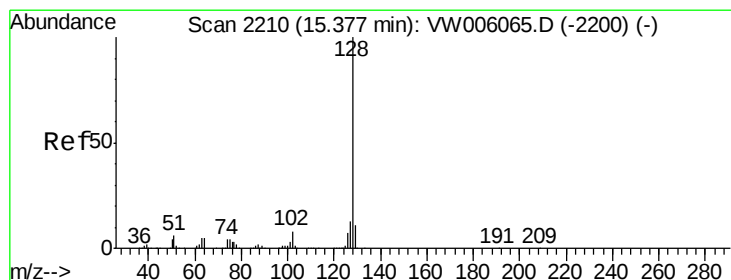
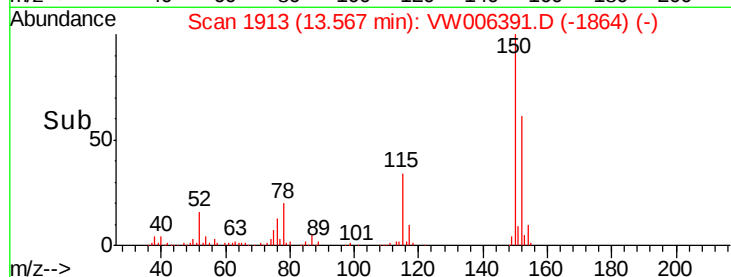
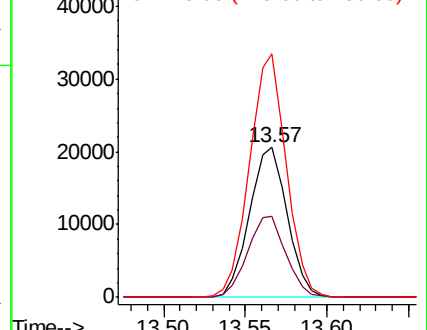
150 158.3 0.0 349.2



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



#95

Naphthalene

Concen: 1.765 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW006391.D

Acq: 26 Oct 2018 06:01

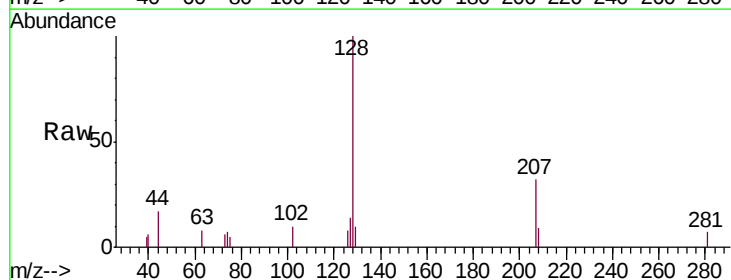
Tgt Ion:128 Resp: 2305

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 6.8 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

