

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003651.D
 Acq On : 28 Jun 2018 20:42
 Operator : SY/AP
 Sample : J3745-02
 Misc : 6.53G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-106-8(60-62)

Quant Time: Jun 29 08:23:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

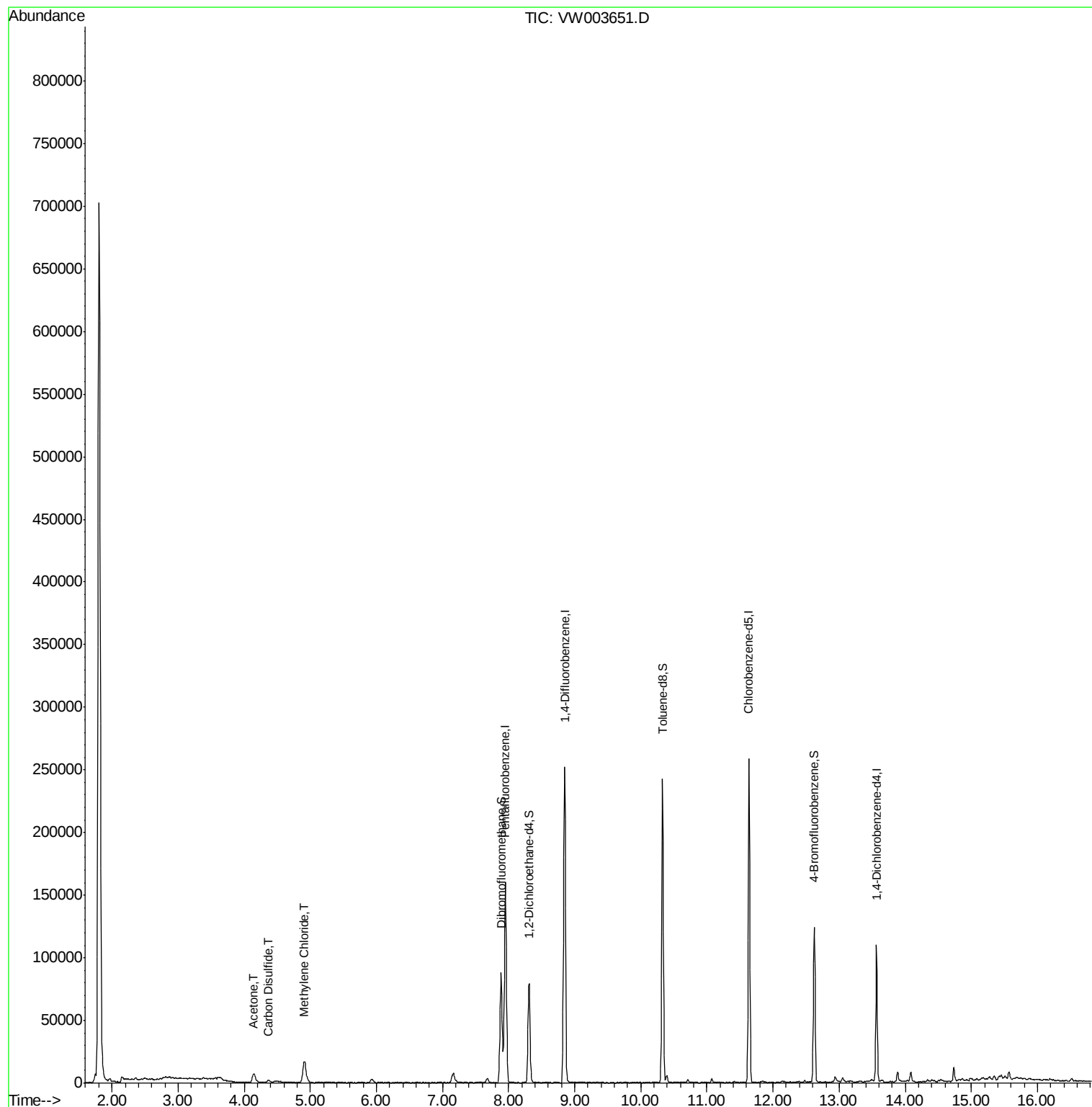
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	199056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	138302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64471	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.88	113	60502	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.33	98	152013	30.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.98%	
62) 4-Bromofluorobenzene	12.62	95	31809	18.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.66%	
Target Compounds						
16) Acetone	4.14	43	14695	55.48	ug/l	92
17) Carbon Disulfide	4.36	76	3787	1.21	ug/l	97
20) Methylene Chloride	4.91	84	13705	9.18	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

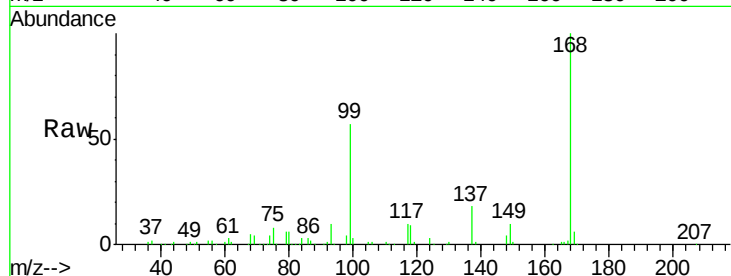
EPE-106-8(60-62)

Tot Ion:168 Resp: 116604

Ion Ratio Lower Upper

168 100

99 56.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

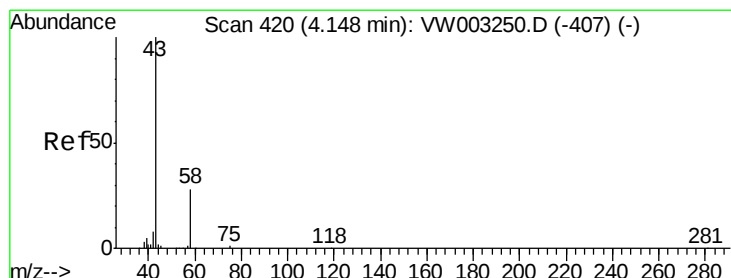
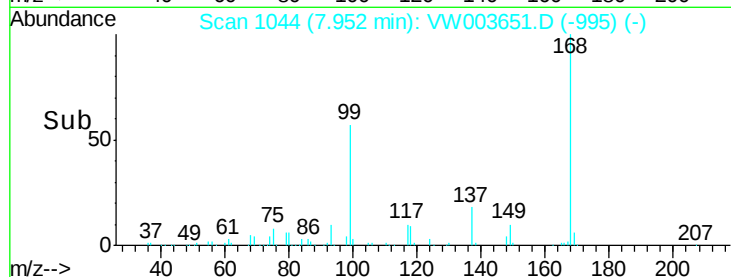
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 55.48 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003651.D

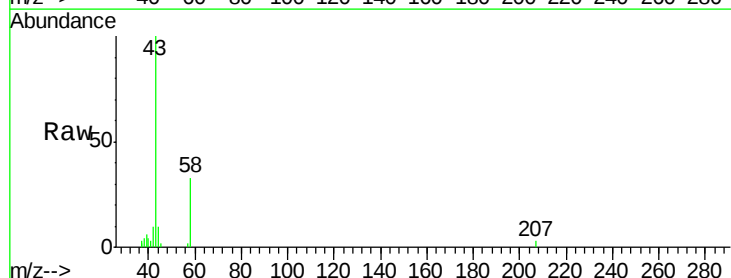
Acq: 28 Jun 2018 20:42

Tgt Ion: 43 Resp: 14695

Ion Ratio Lower Upper

43 100

58 32.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

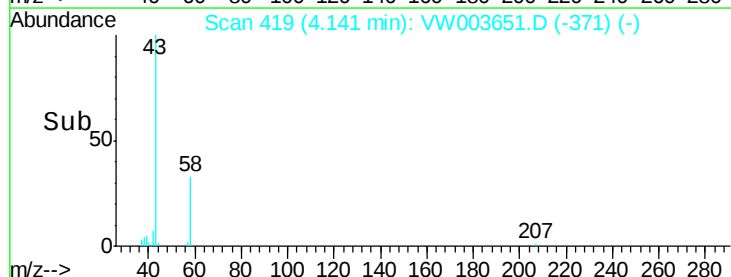
3000

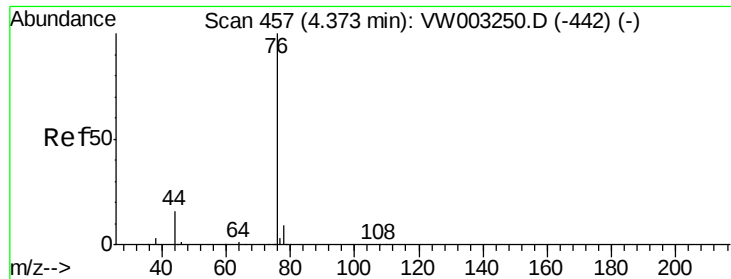
2000

1000

0

Time-->

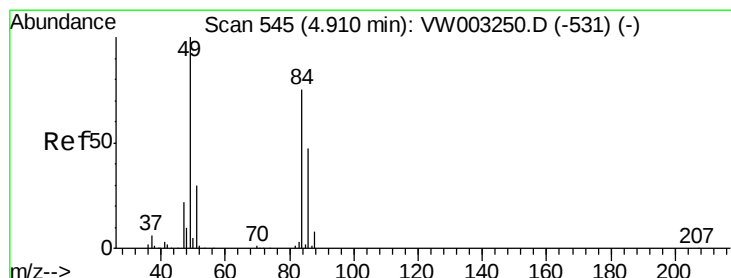
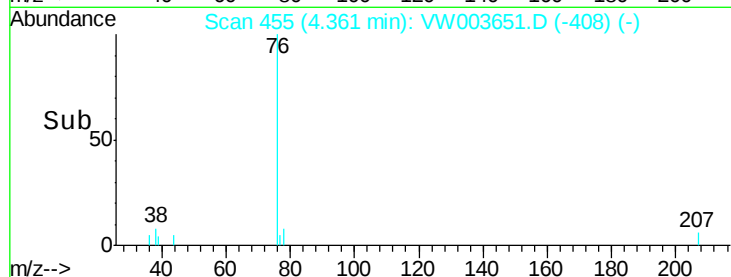
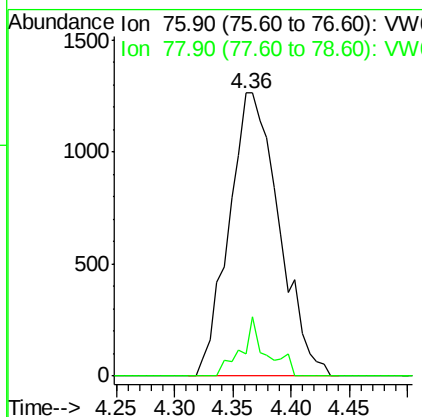
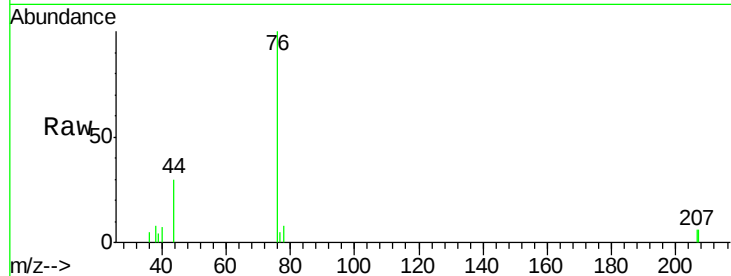




#17
Carbon Disulfide
Concen: 1.21 ug/l
RT: 4.36 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW003651.D
Acq: 28 Jun 2018 20:42

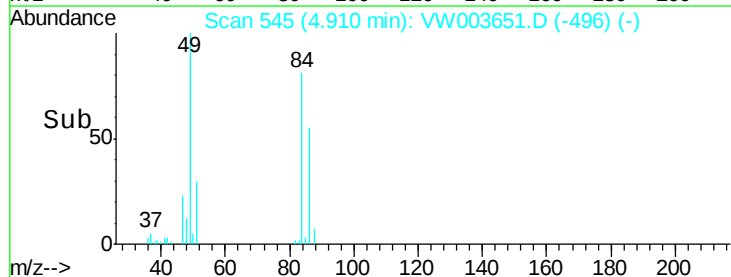
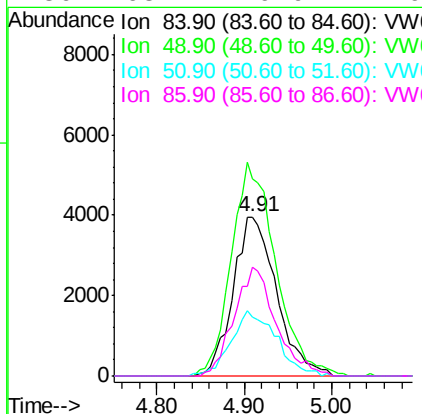
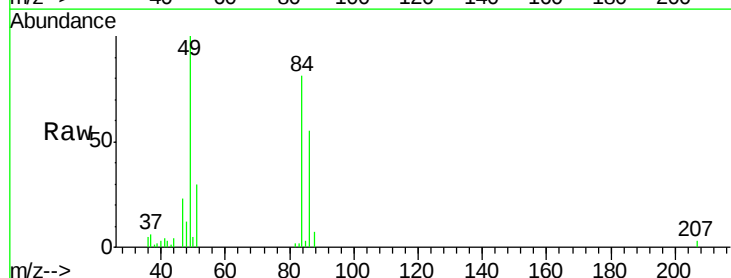
Instrument :
MSVOA_W
ClientSampleId :
EPE-106-8(60-62)

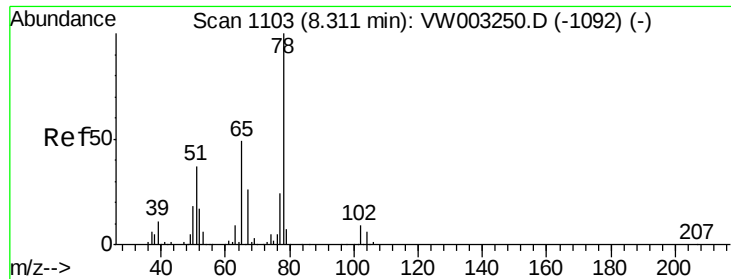
Tot Ion: 76 Resp: 3787
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7



#20
Methylene Chloride
Concen: 9.18 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003651.D
Acq: 28 Jun 2018 20:42

Tgt Ion: 84 Resp: 13705
Ion Ratio Lower Upper
84 100
49 124.1 106.3 159.5
51 36.8 32.0 48.0
86 68.1 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 51.05 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

Instrument :

MSVOA_W

ClientSampleId :

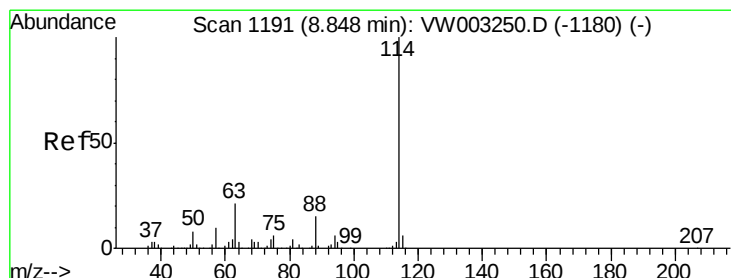
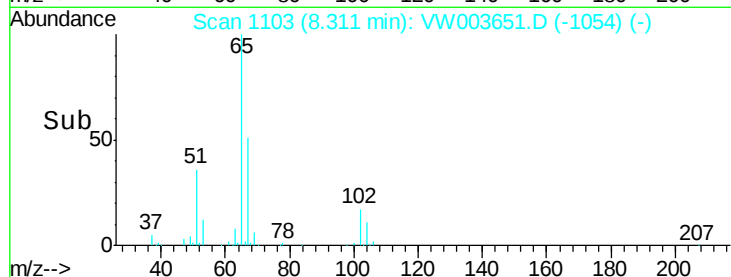
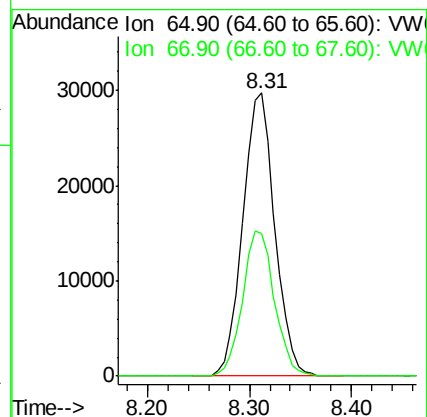
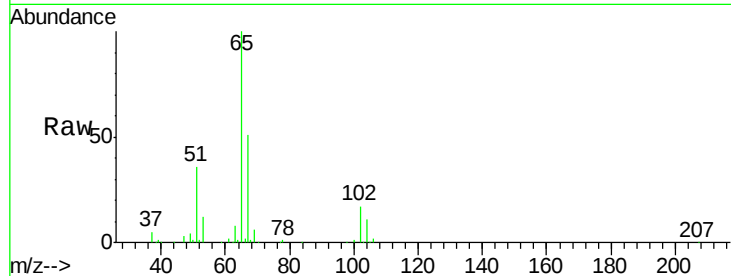
EPE-106-8(60-62)

Tot Ion: 65 Resp: 64471

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

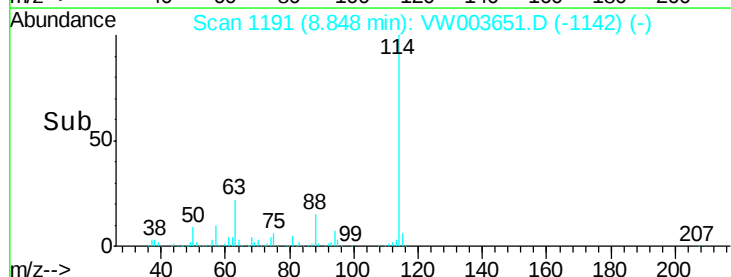
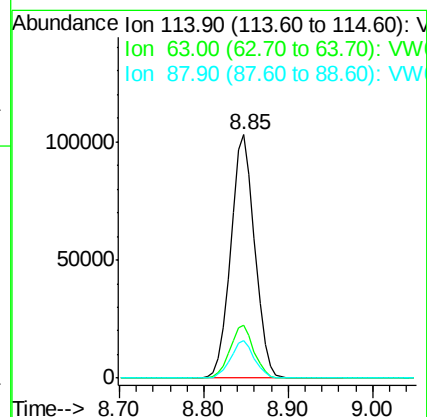
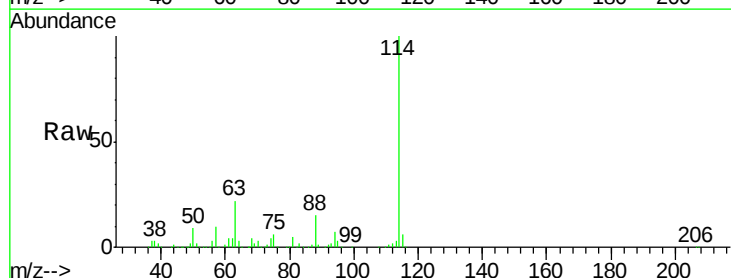
Tgt Ion: 114 Resp: 199056

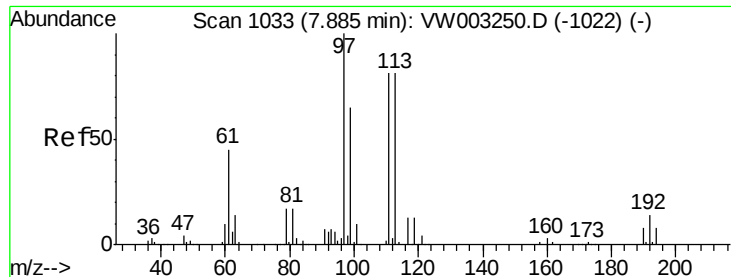
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 15.4 0.0 29.6

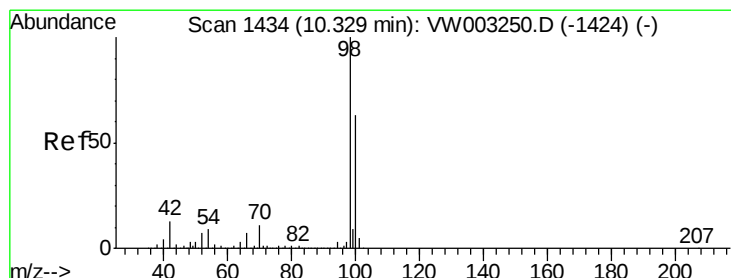
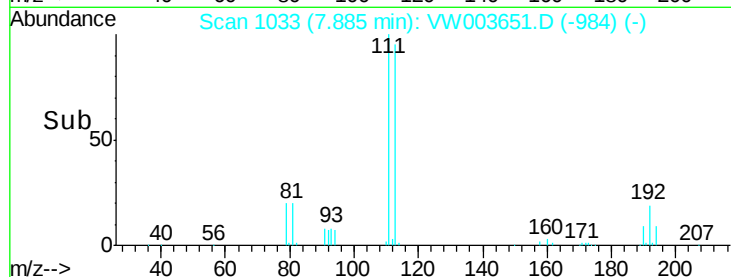
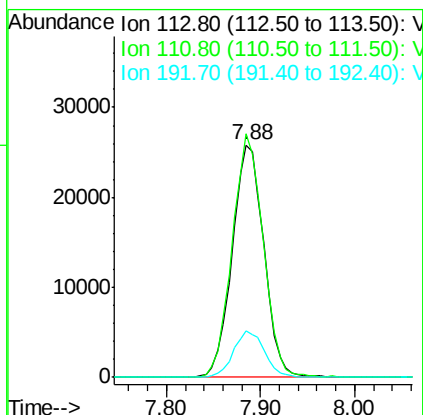
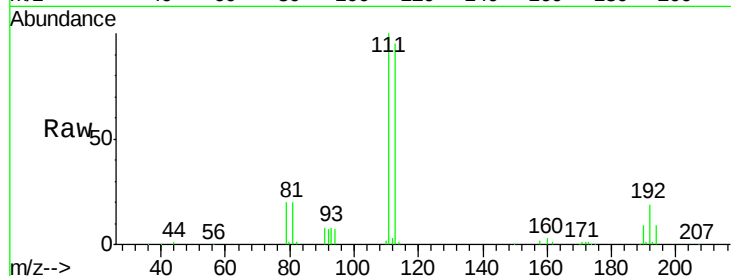




#35
 Dibromofluoromethane
 Concen: 48.92 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003651.D
 Acq: 28 Jun 2018 20:42

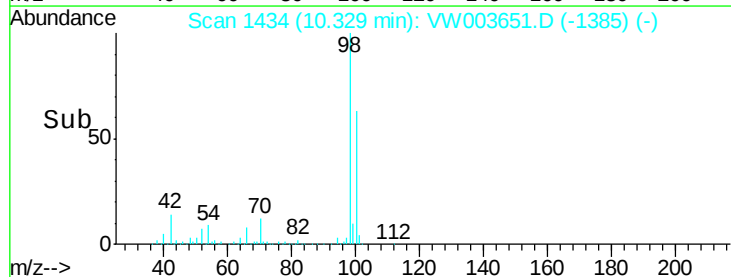
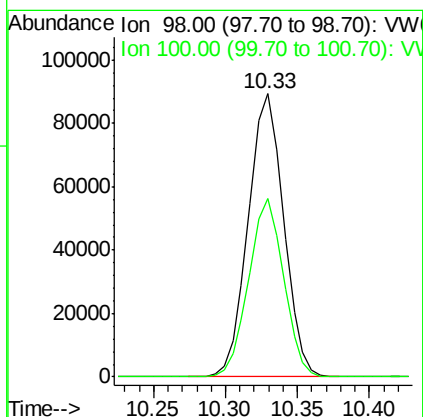
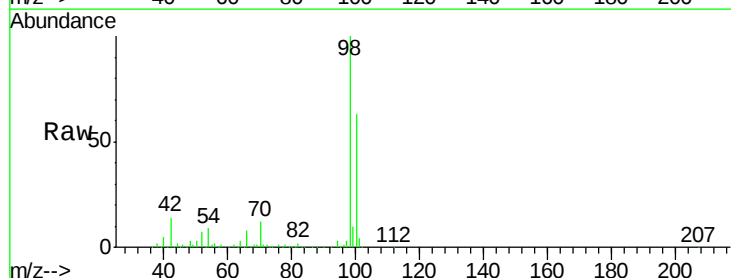
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-106-8(60-62)

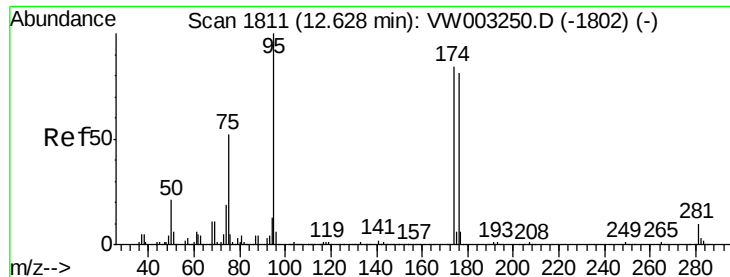
Tot Ion:113 Resp: 60502
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 19.6 16.2 24.2



#50
 Toluene-d8
 Concen: 30.99 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003651.D
 Acq: 28 Jun 2018 20:42

Tgt Ion: 98 Resp: 152013
 Ion Ratio Lower Upper
 98 100
 100 62.4 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 18.33 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

Instrument :

MSVOA_W

ClientSampleId :

EPE-106-8(60-62)

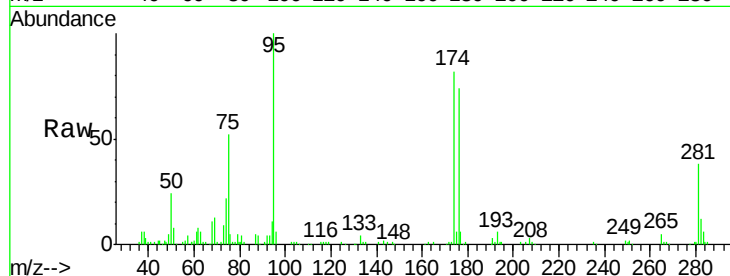
Tot Ion: 95 Resp: 31809

Ion Ratio Lower Upper

95 100

174 83.4 0.0 166.4

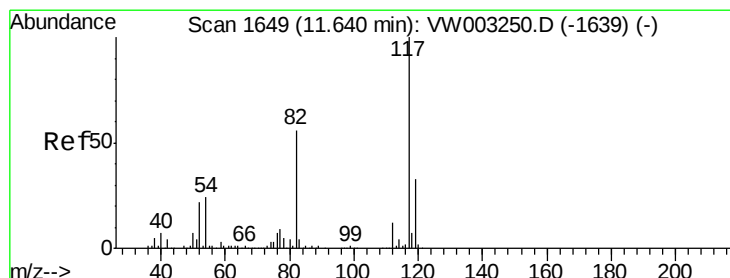
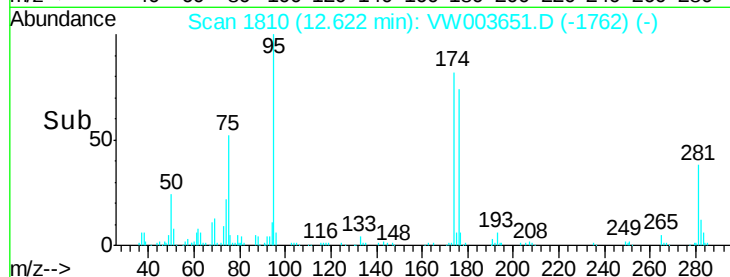
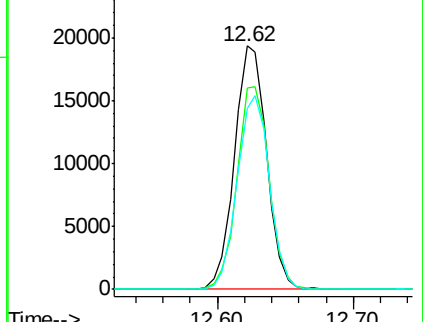
176 80.0 0.0 162.0



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: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

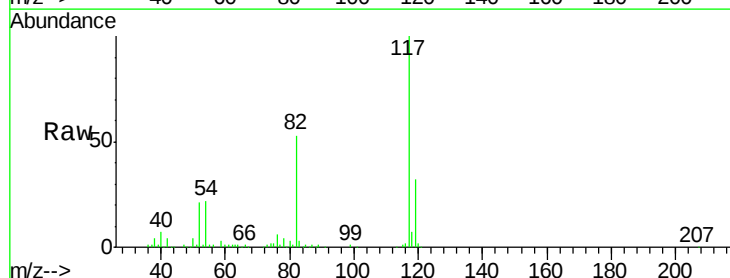
Tgt Ion: 117 Resp: 138302

Ion Ratio Lower Upper

117 100

82 53.0 44.6 67.0

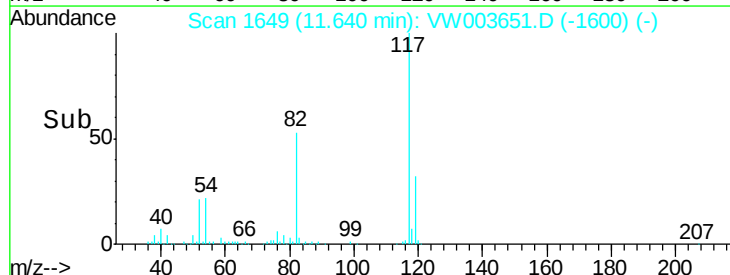
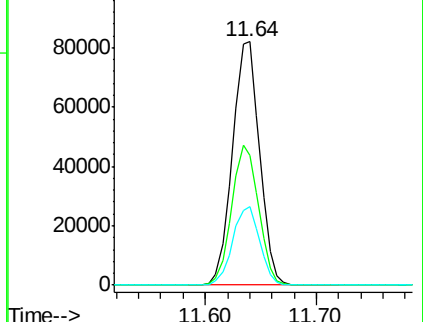
119 32.2 26.7 40.1

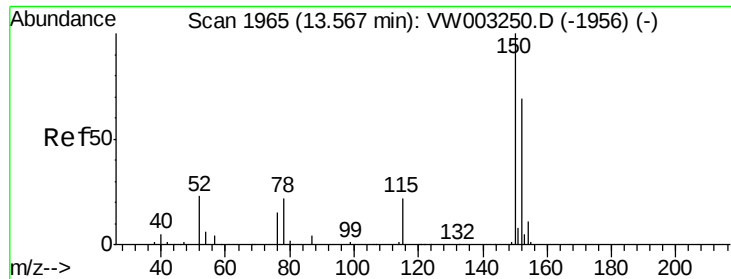


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003651.D

Acq: 28 Jun 2018 20:42

Instrument :

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ClientSampleId :

EPE-106-8(60-62)

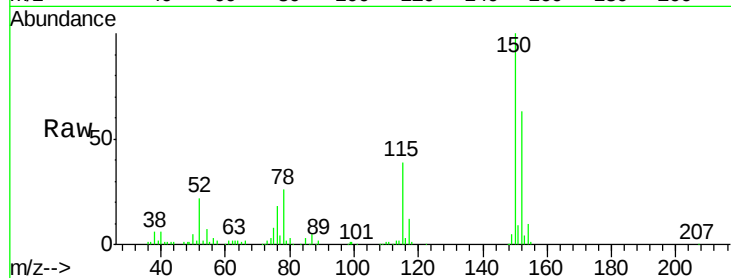
Tot Ion:152 Resp: 26910

Ion Ratio Lower Upper

152 100

115 59.9 29.3 88.0

150 155.9 0.0 349.6



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

