

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003781.D
 Acq On : 09 Jul 2018 16:52
 Operator : SY/AP
 Sample : J3864-01
 Misc : 5.48G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-6A(3-8)

Quant Time: Jul 09 17:36:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

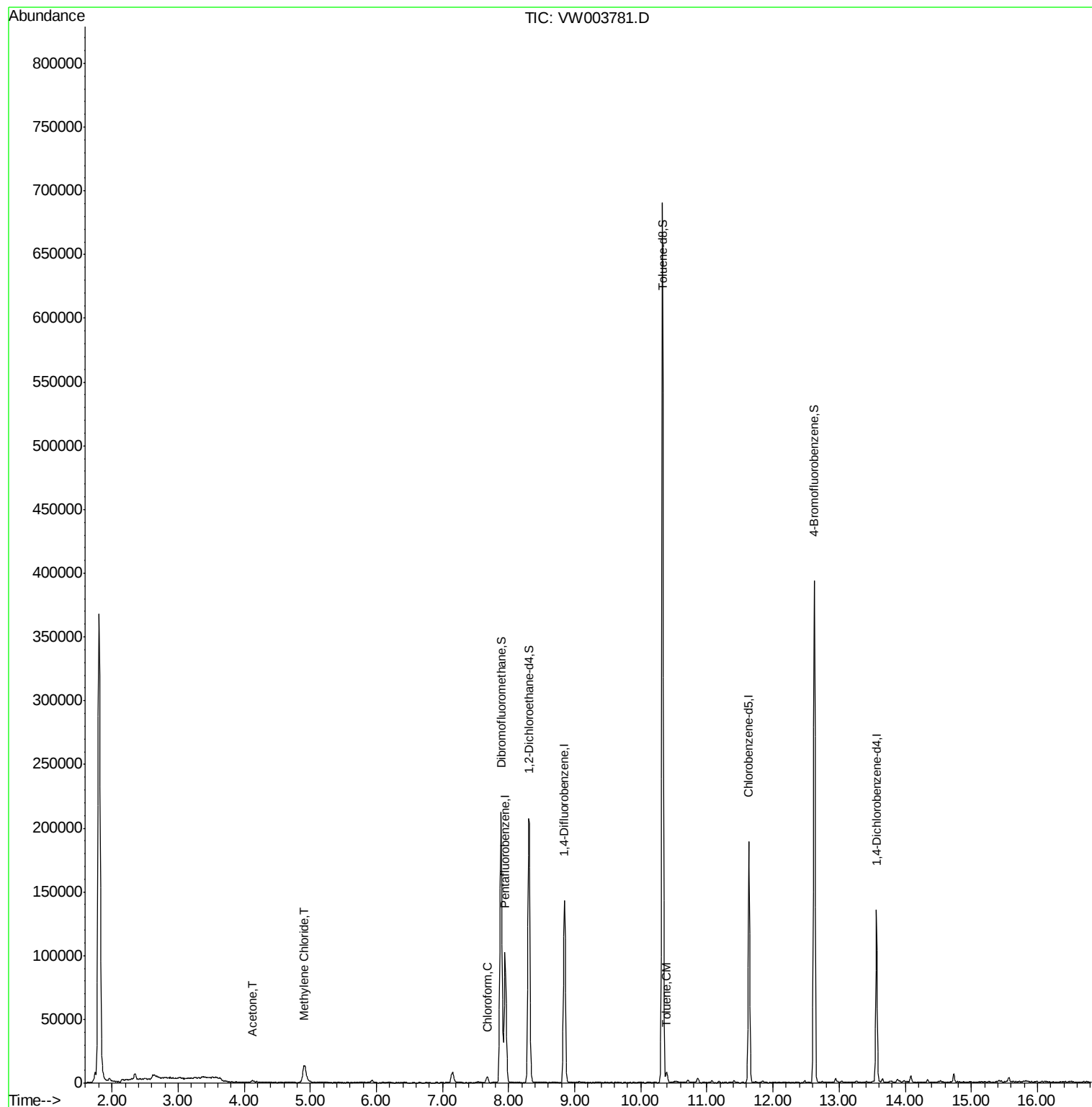
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	114761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	99421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	34072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	167821	177.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	354.00%	
35) Dibromofluoromethane	7.88	113	145113	180.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	361.34%	
50) Toluene-d8	10.33	98	440219	143.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	286.56%	
62) 4-Bromofluorobenzene	12.62	95	120982	108.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	217.66%	
Target Compounds						
16) Acetone	4.12	43	2536	15.416	ug/l	95
20) Methylene Chloride	4.90	84	11602	11.057	ug/l	96
30) Chloroform	7.68	83	4021	2.503	ug/l	98
52) Toluene	10.40	92	2833	1.312	ug/l	94

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003781.D

Acq: 09 Jul 2018 16:52

Instrument :

MSVOA_W

ClientSampled :

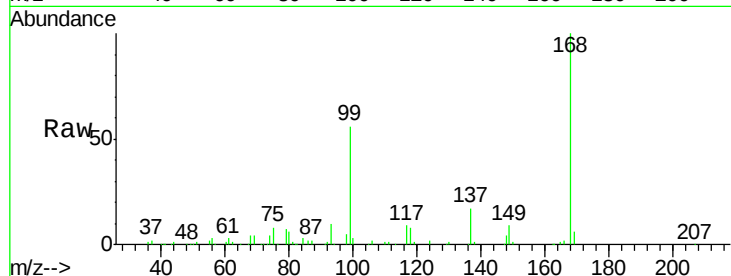
EPE-108-6A(3-8)

Tot Ion:168 Resp: 72504

Ion Ratio Lower Upper

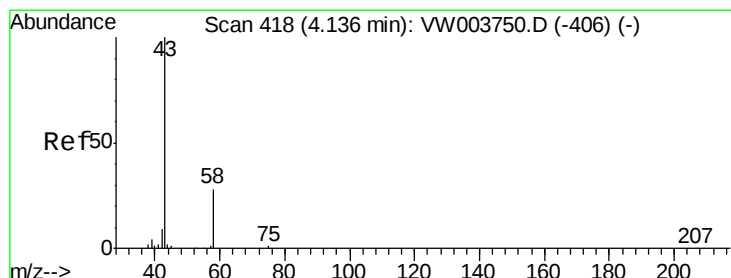
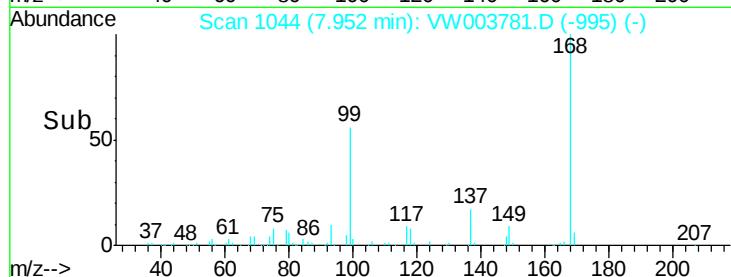
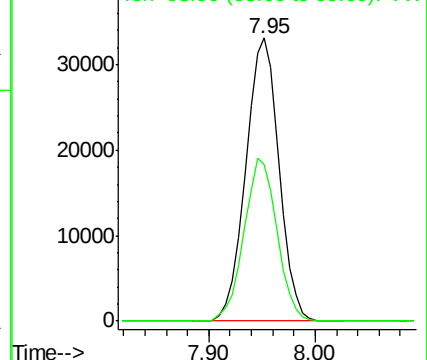
168 100

99 55.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 15.416 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003781.D

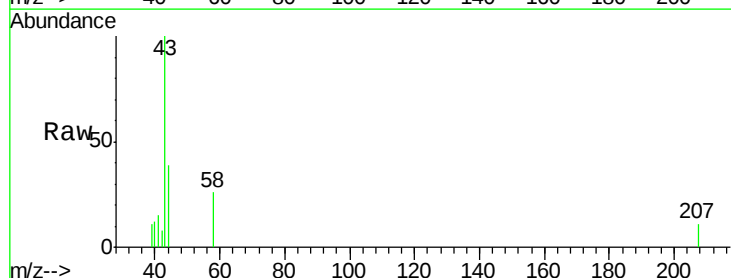
Acq: 09 Jul 2018 16:52

Tgt Ion: 43 Resp: 2536

Ion Ratio Lower Upper

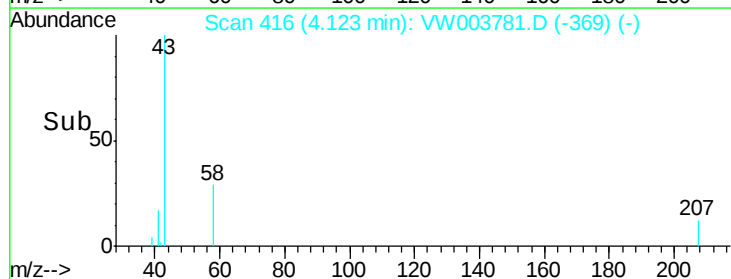
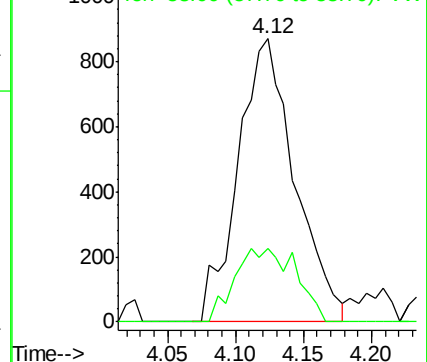
43 100

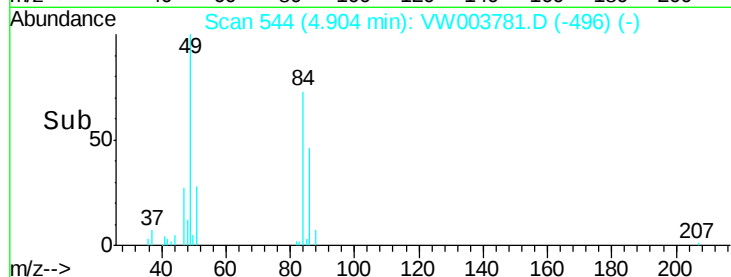
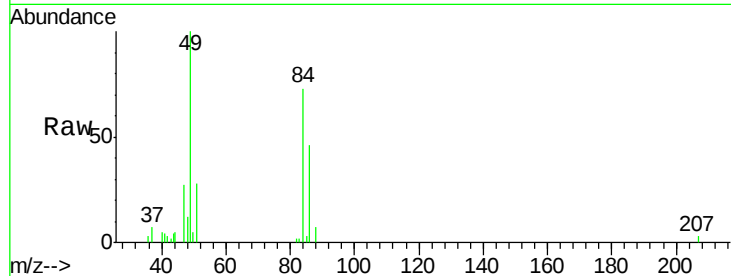
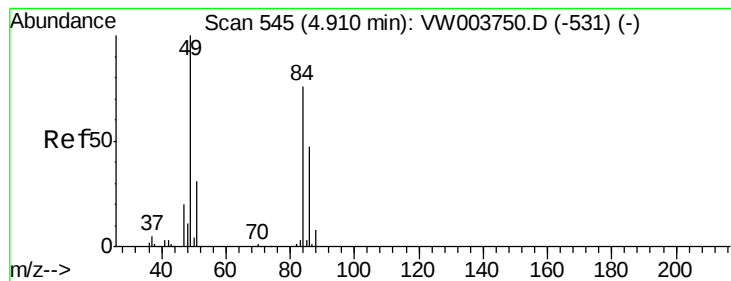
58 25.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 11.057 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003781.D

Acq: 09 Jul 2018 16:52

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-6A(3-8)

Tot Ion: 84 Resp: 11602

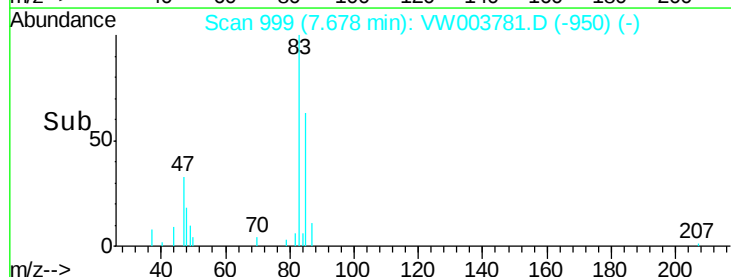
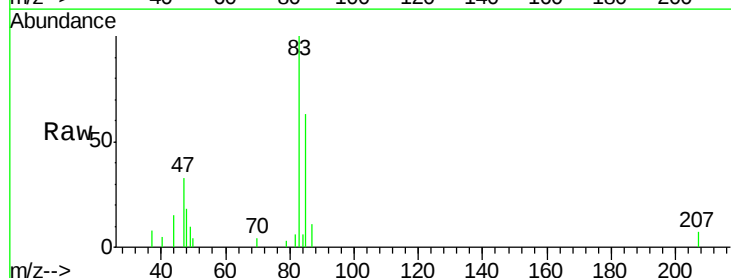
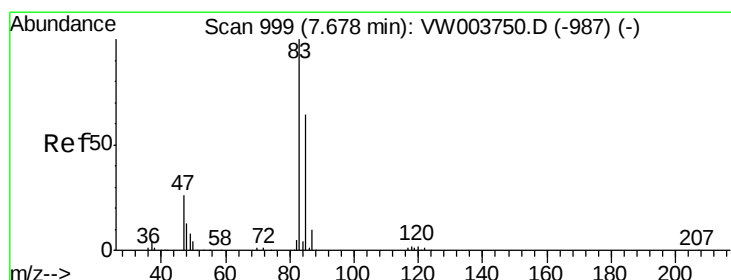
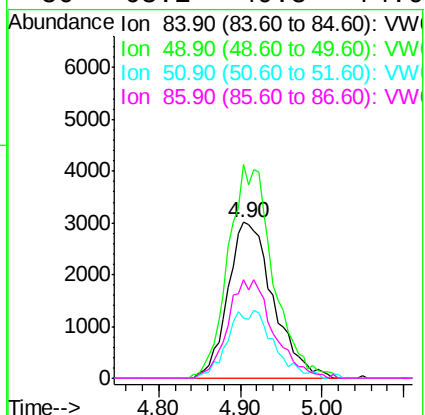
Ion Ratio Lower Upper

84 100

49 137.3 105.1 157.7

51 38.4 32.5 48.7

86 63.1 49.8 74.6



#30

Chloroform

Concen: 2.503 ug/l

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW003781.D

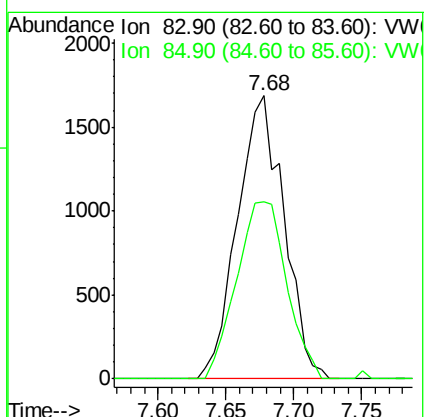
Acq: 09 Jul 2018 16:52

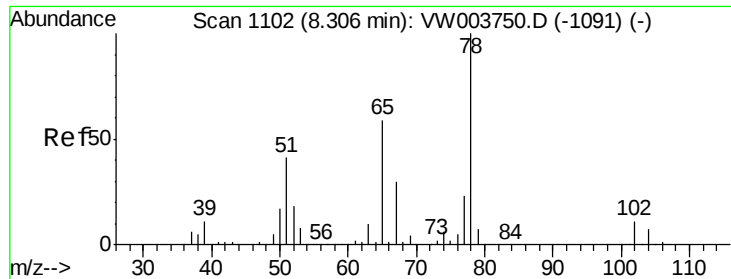
Tgt Ion: 83 Resp: 4021

Ion Ratio Lower Upper

83 100

85 62.5 51.5 77.3

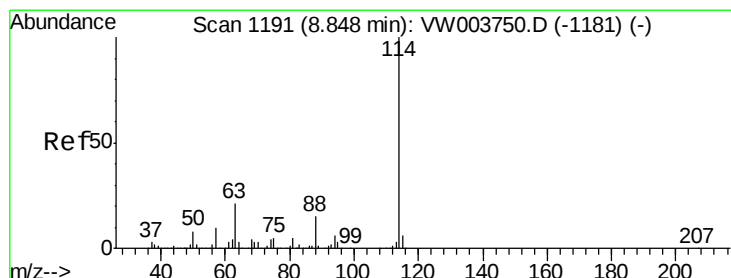
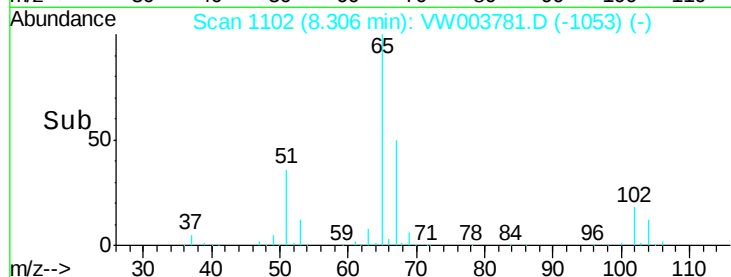
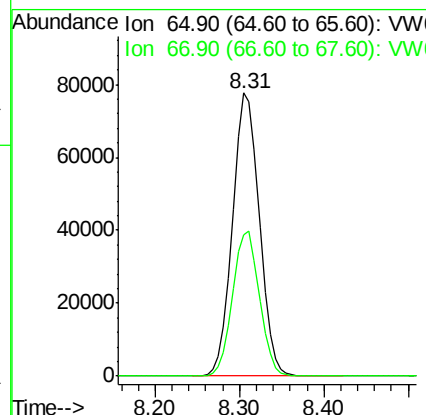
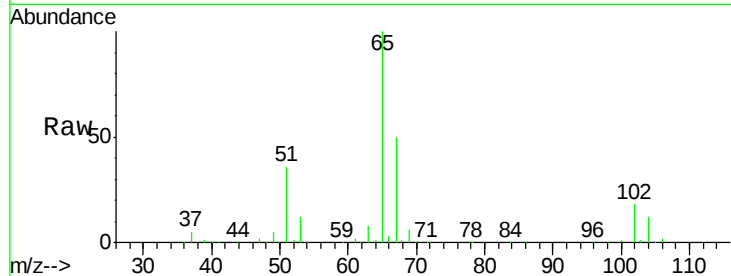




#33
 1,2-Dichloroethane-d4
 Concen: 176.998 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003781.D
 Acq: 09 Jul 2018 16:52

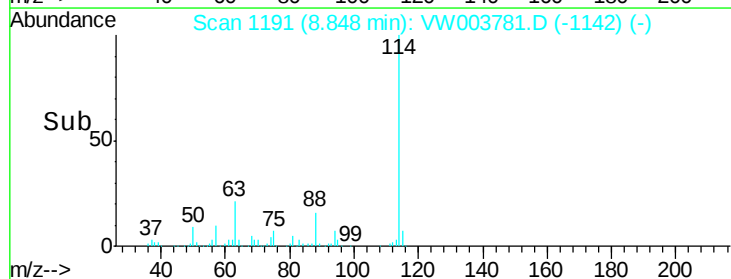
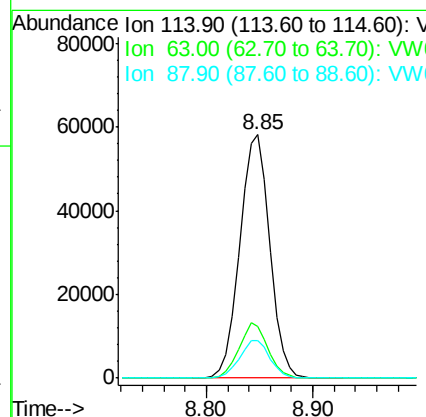
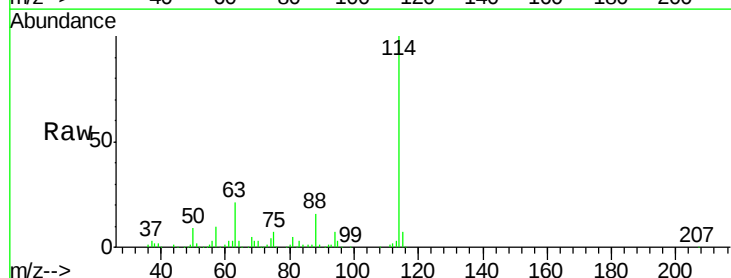
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-6A(3-8)

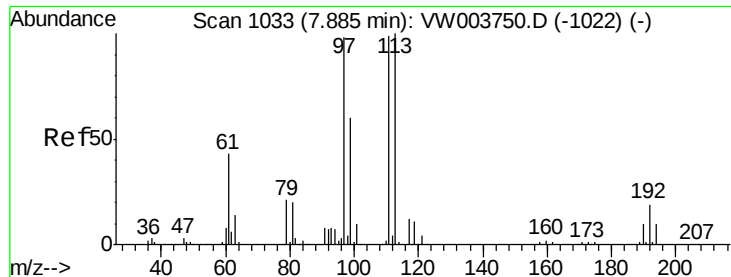
Tot Ion: 65 Resp: 167821
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003781.D
 Acq: 09 Jul 2018 16:52

Tgt Ion: 114 Resp: 114761
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.8
 88 15.7 0.0 30.2

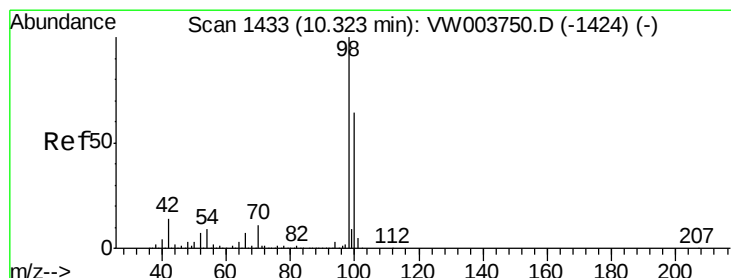
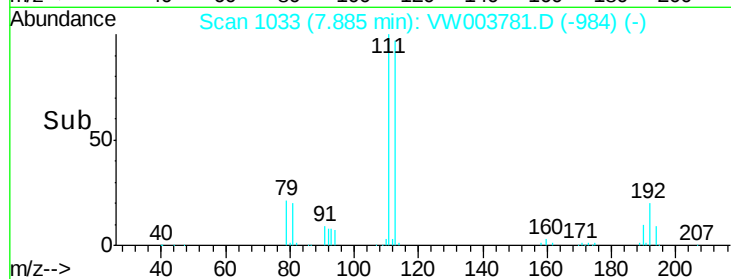
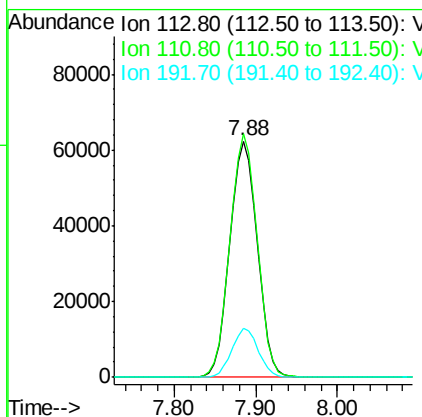
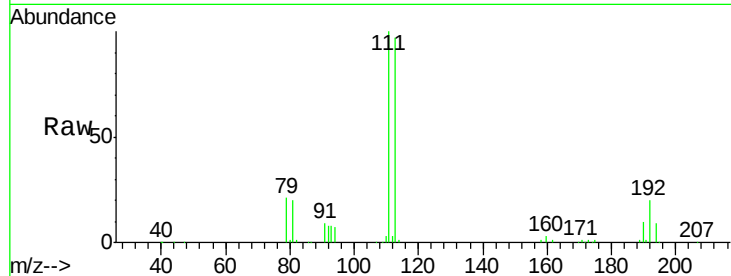




#35
 Dibromofluoromethane
 Concen: 180.670 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003781.D
 Acq: 09 Jul 2018 16:52

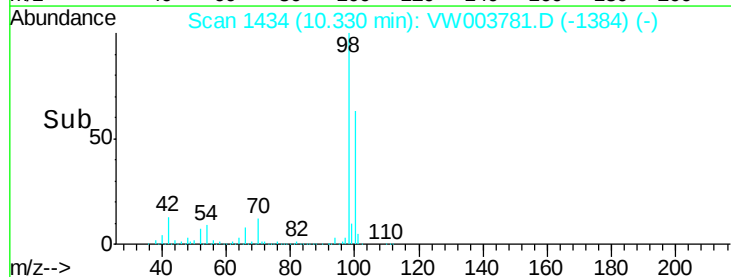
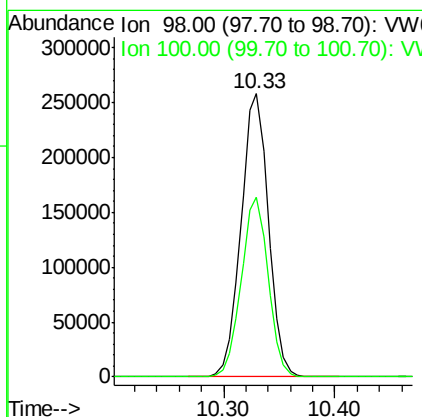
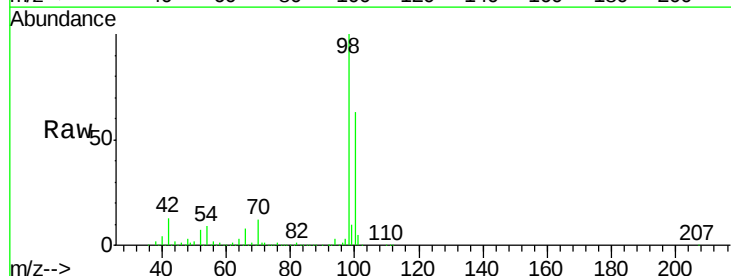
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-6A(3-8)

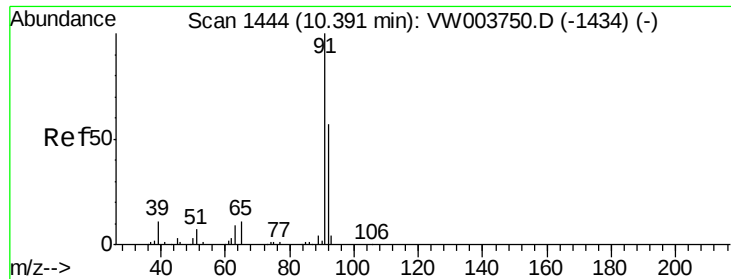
Tot Ion:113 Resp: 145113
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 20.1 15.8 23.8



#50
 Toluene-d8
 Concen: 143.282 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW003781.D
 Acq: 09 Jul 2018 16:52

Tgt Ion: 98 Resp: 440219
 Ion Ratio Lower Upper
 98 100
 100 62.5 50.8 76.2





#52

Toluene

Concen: 1.312 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003781.D

Acq: 09 Jul 2018 16:52

Instrument :

MSVOA_W

ClientSampleId :

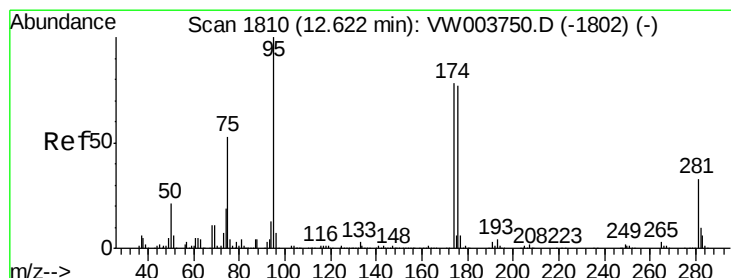
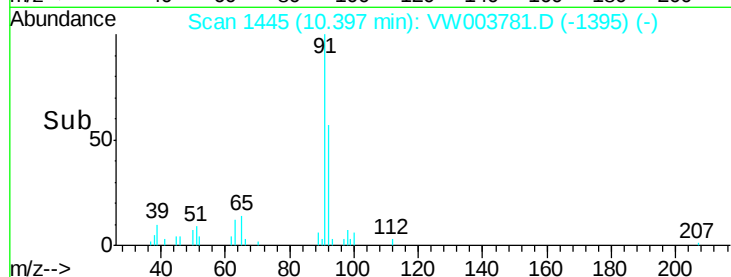
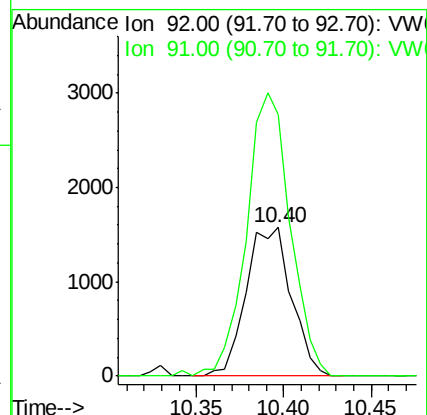
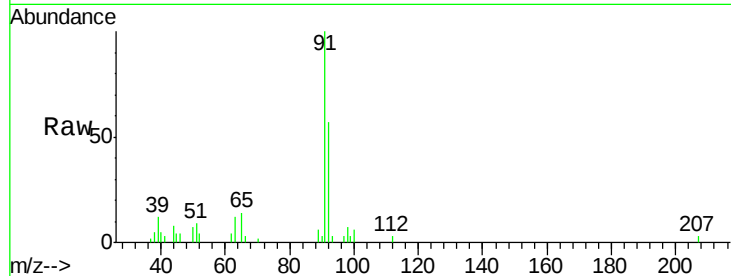
EPE-108-6A(3-8)

Tot Ion: 92 Resp: 2833

Ion Ratio Lower Upper

92 100

91 184.8 140.6 211.0



#62

4-Bromofluorobenzene

Concen: 108.831 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003781.D

Acq: 09 Jul 2018 16:52

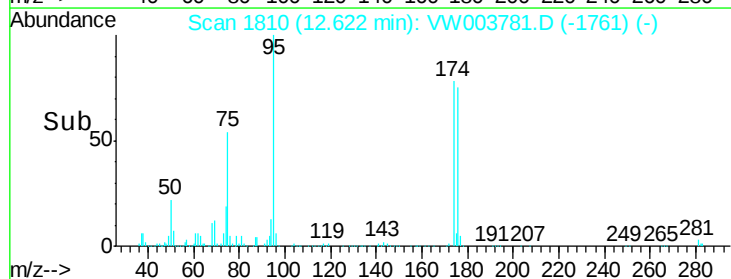
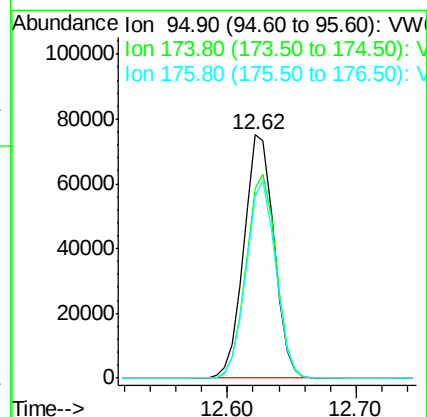
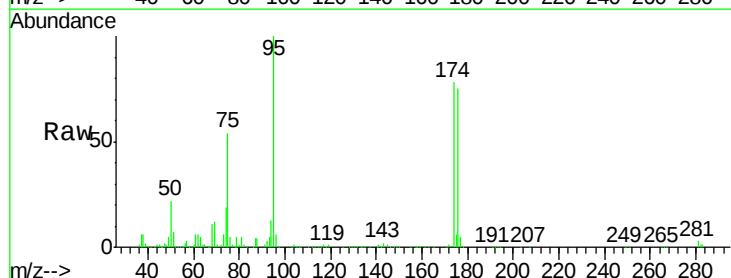
Tgt Ion: 95 Resp: 120982

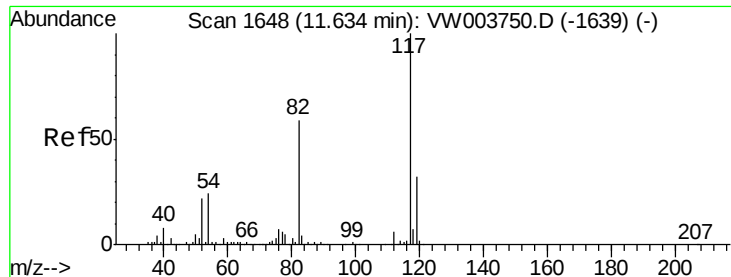
Ion Ratio Lower Upper

95 100

174 83.6 0.0 163.4

176 79.7 0.0 156.8

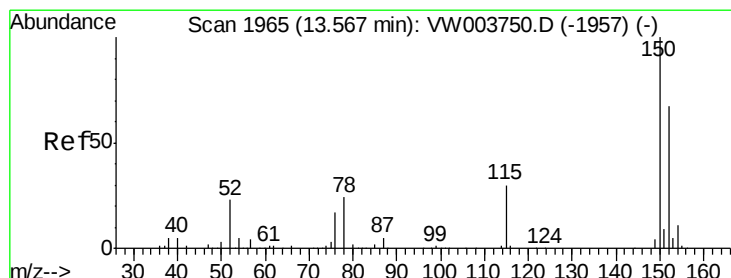
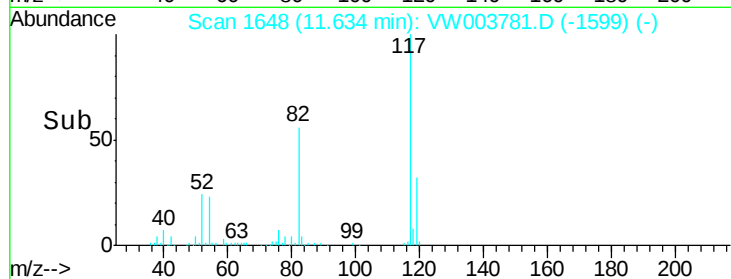
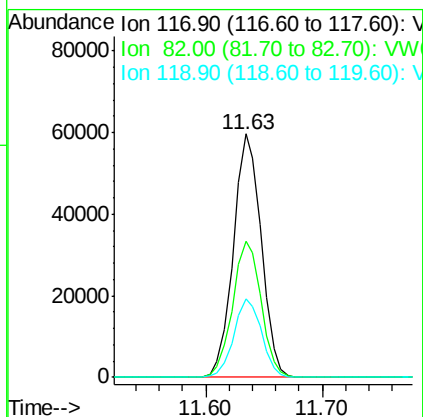
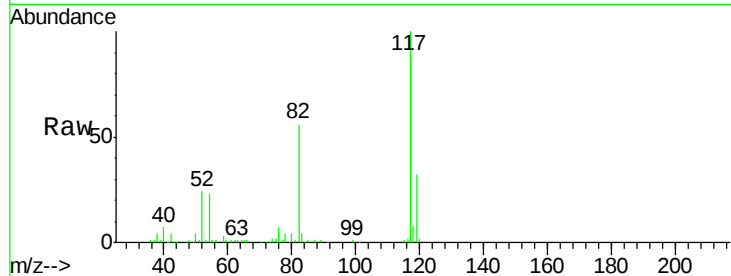




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003781.D
Acq: 09 Jul 2018 16:52

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-6A(3-8)

Tot Ion:117 Resp: 99421
Ion Ratio Lower Upper
117 100
82 55.8 46.9 70.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003781.D
Acq: 09 Jul 2018 16:52

Tgt Ion:152 Resp: 34072
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 158.4 0.0 342.4

