

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003597.D
 Acq On : 27 Jun 2018 04:24
 Operator : SY/AP
 Sample : J3688-01
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-109-6(60-62)

Quant Time: Jun 27 08:24:38 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

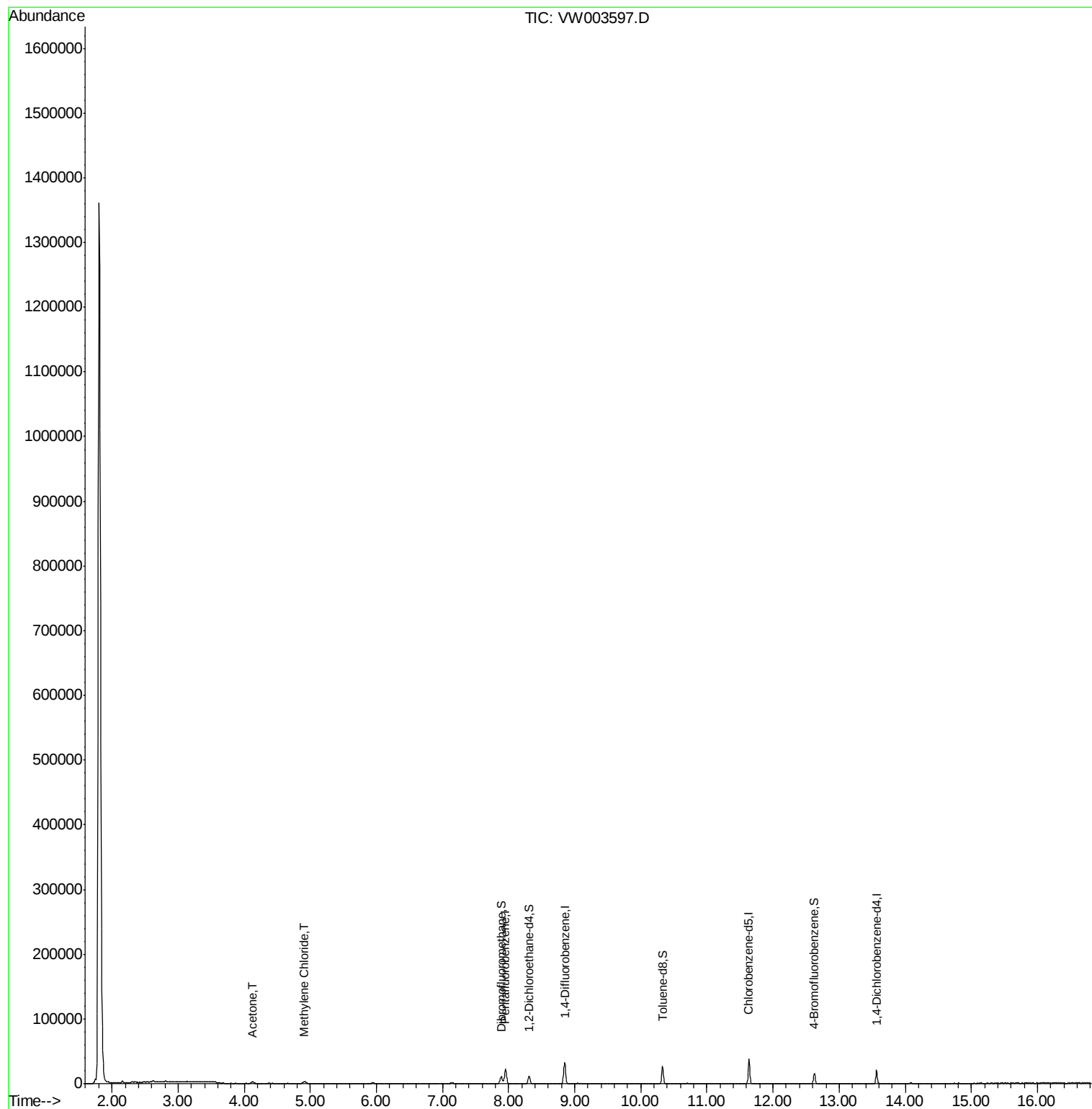
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	15995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	24590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	19780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9184	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	7.89	113	7410	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.33	98	17272	28.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.02%	
62) 4-Bromofluorobenzene	12.63	95	4113	19.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.36%	
Target Compounds						
16) Acetone	4.12	43	3532	97.20	ug/l	94
20) Methylene Chloride	4.91	84	2172	11.23	ug/l	90

(#) = 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

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

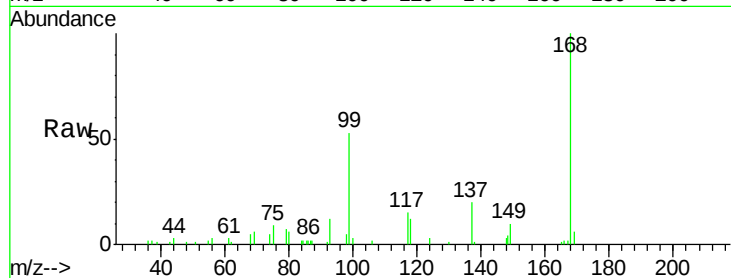
EPE-109-6(60-62)

Tot Ion:168 Resp: 15995

Ion Ratio Lower Upper

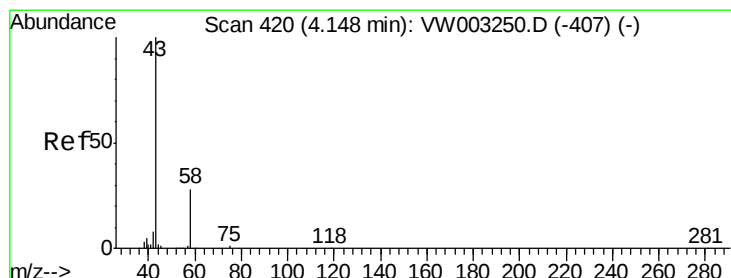
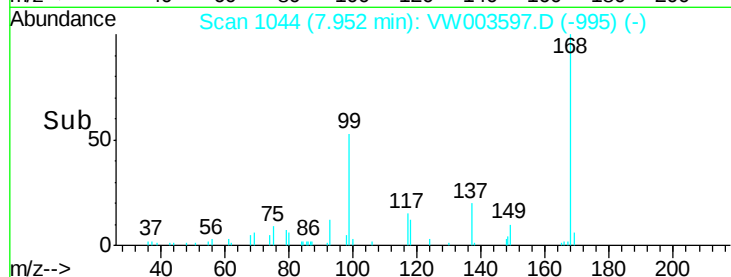
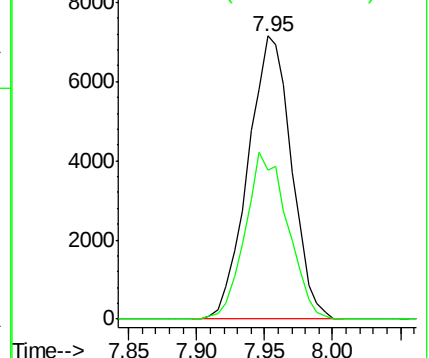
168 100

99 52.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 97.20 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.03 min

Lab File: VW003597.D

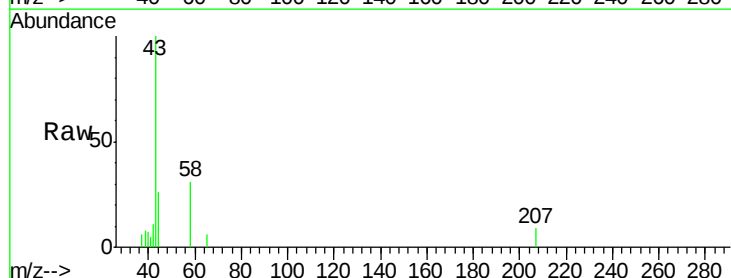
Acq: 27 Jun 2018 04:24

Tgt Ion: 43 Resp: 3532

Ion Ratio Lower Upper

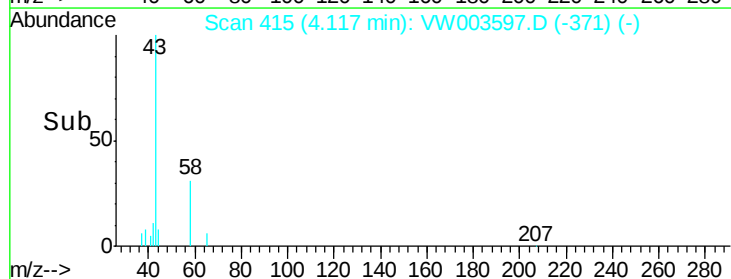
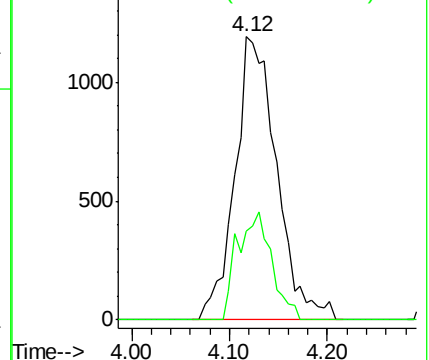
43 100

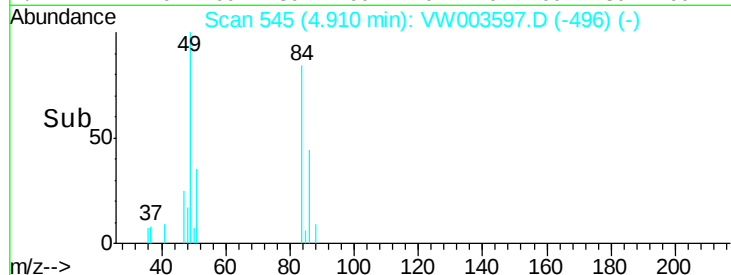
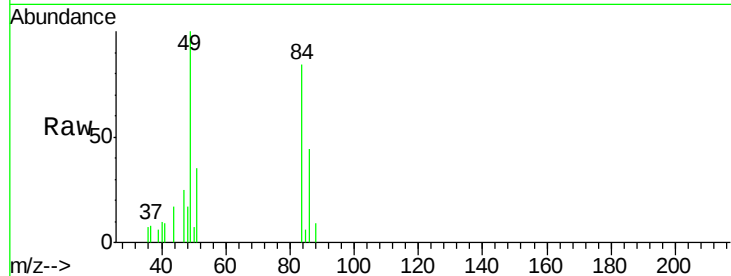
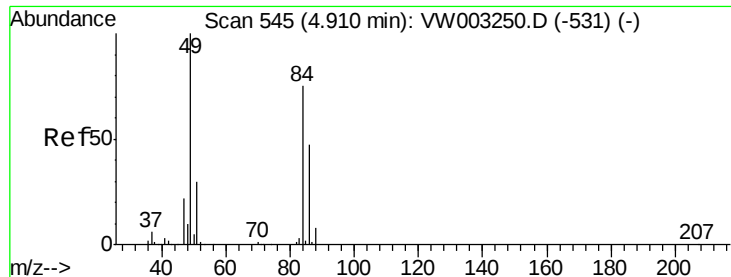
58 31.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

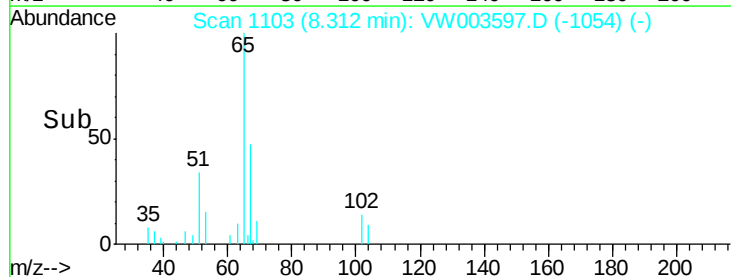
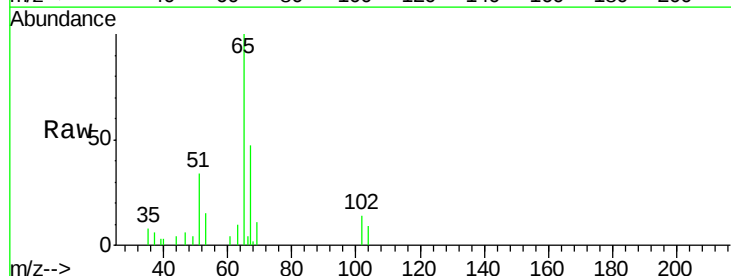
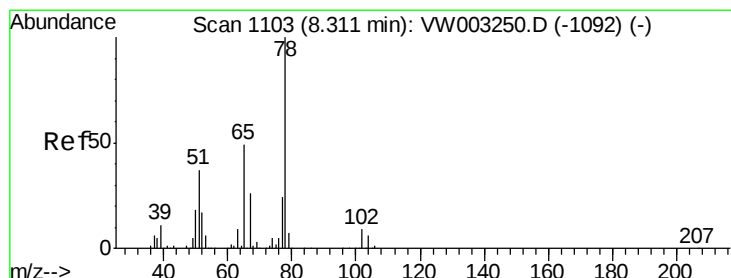
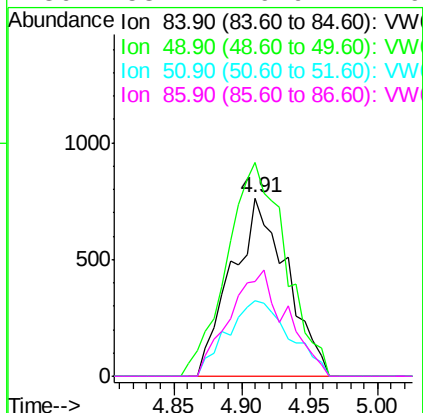




#20
Methylene Chloride
Concen: 11.23 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

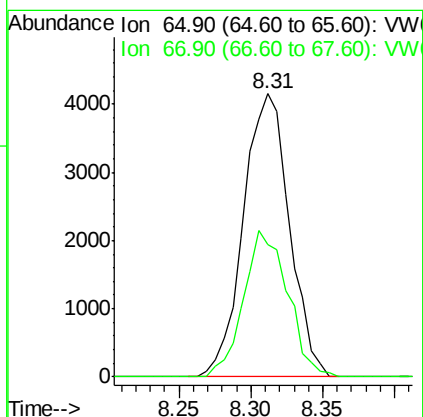
Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(60-62)

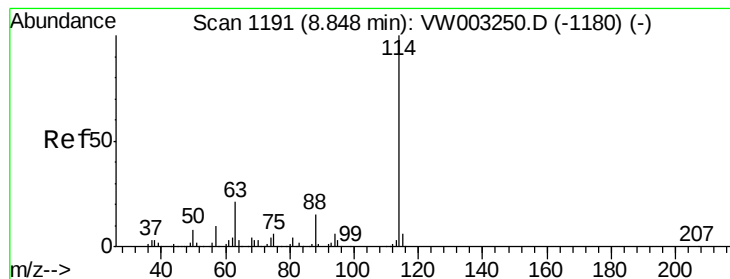
Tot Ion: 84 Resp: 2172
Ion Ratio Lower Upper
84 100
49 119.6 106.3 159.5
51 42.1 32.0 48.0
86 53.1 49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 53.01 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

Tgt Ion: 65 Resp: 9184
Ion Ratio Lower Upper
65 100
67 49.4 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: VW003597.D

Acq: 27 Jun 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

EPE-109-6(60-62)

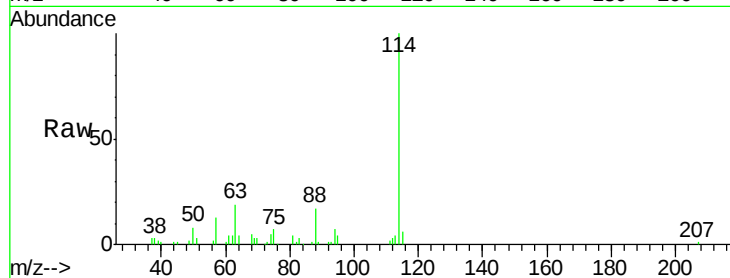
Tot Ion:114 Resp: 24590

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.0

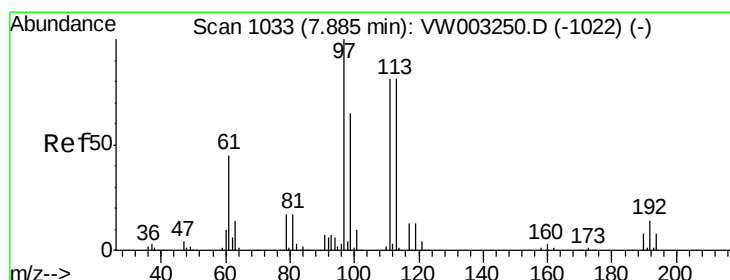
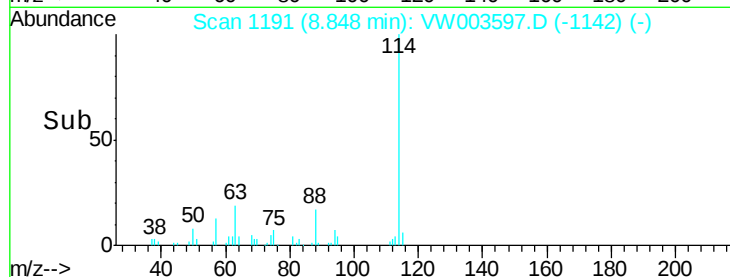
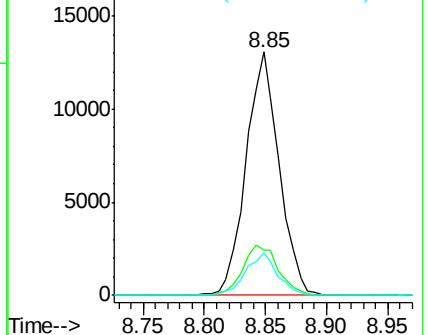
88 17.3 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 48.50 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

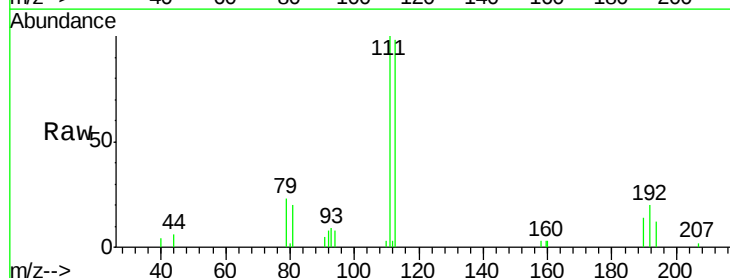
Tgt Ion:113 Resp: 7410

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

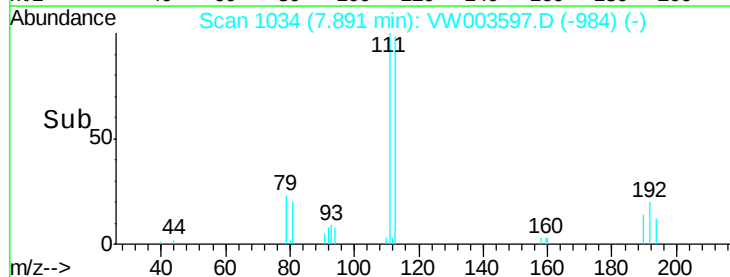
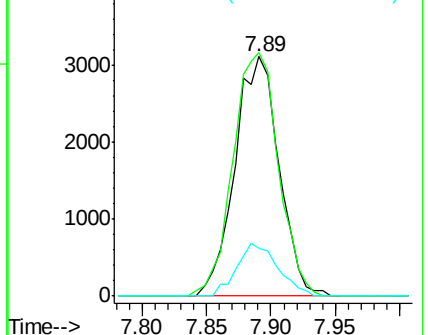
192 20.5 16.2 24.2

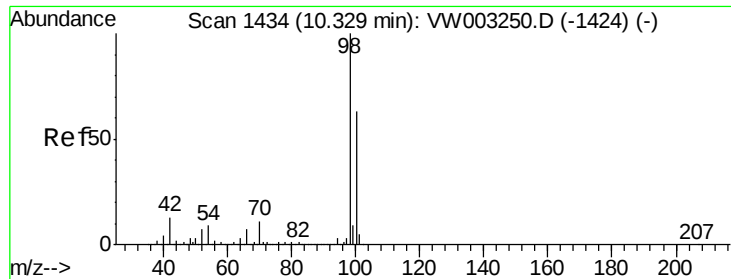


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 28.51 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

Instrument :

MSVOA_W

ClientSampleId :

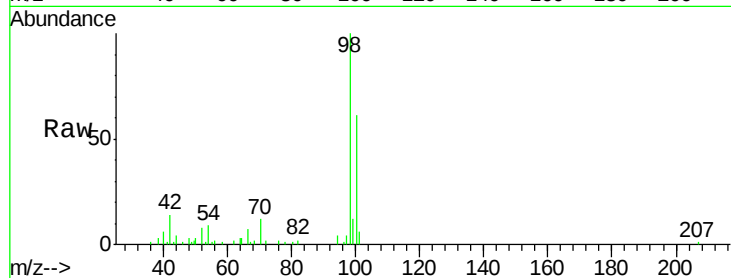
EPE-109-6(60-62)

Tot Ion: 98 Resp: 17272

Ion Ratio Lower Upper

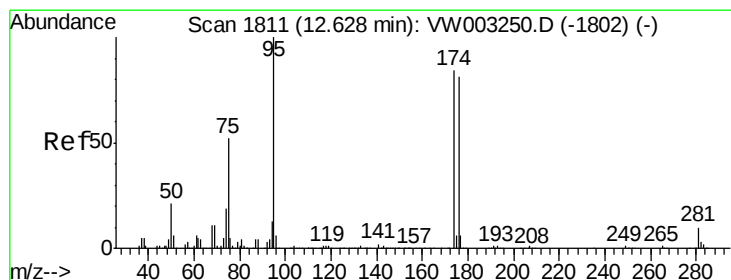
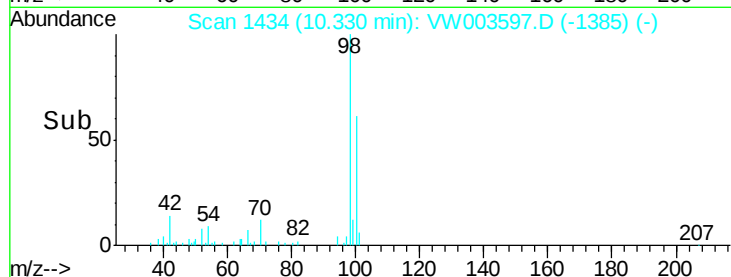
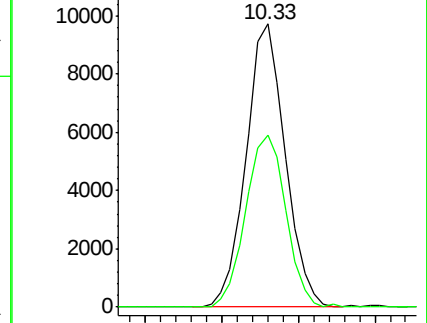
98 100

100 62.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 19.18 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003597.D

Acq: 27 Jun 2018 04:24

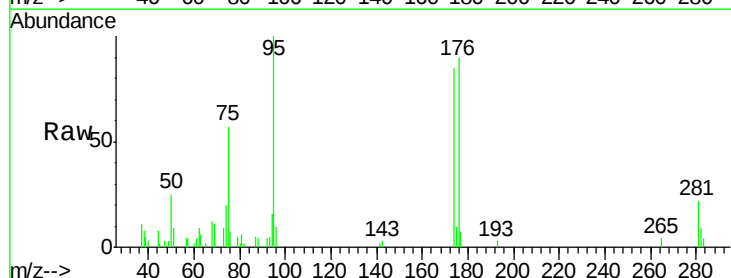
Tgt Ion: 95 Resp: 4113

Ion Ratio Lower Upper

95 100

174 85.5 0.0 166.4

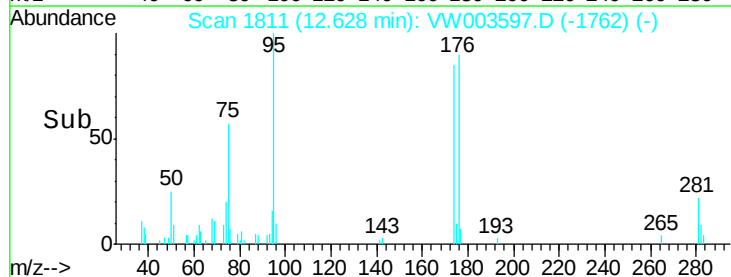
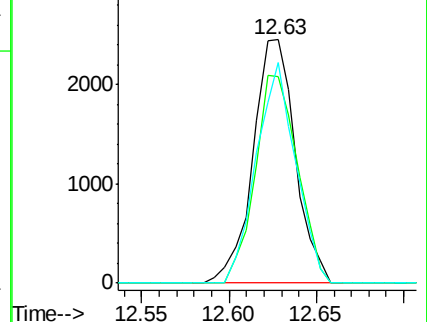
176 84.3 0.0 162.0

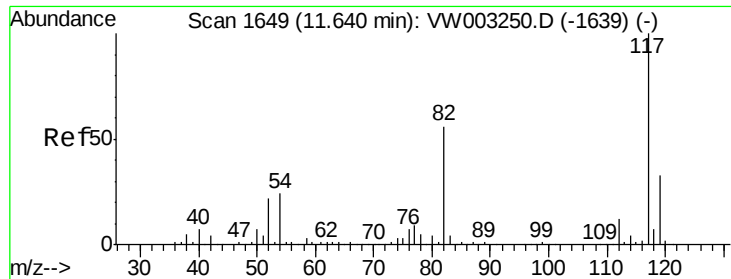


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

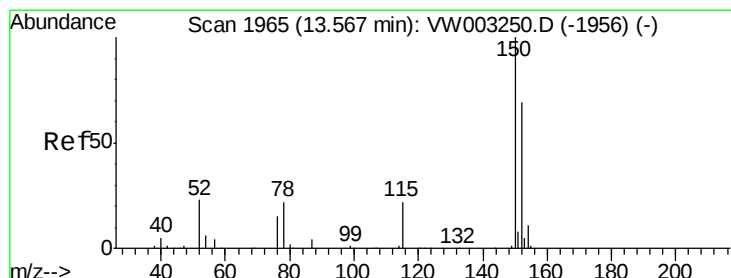
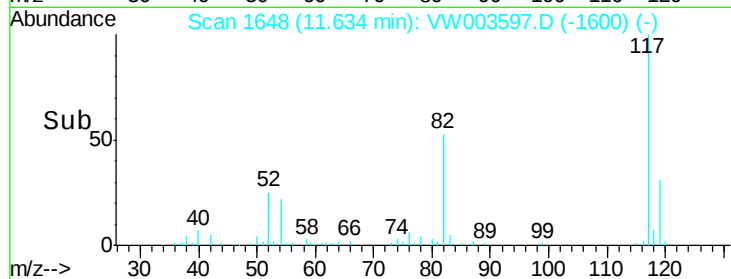
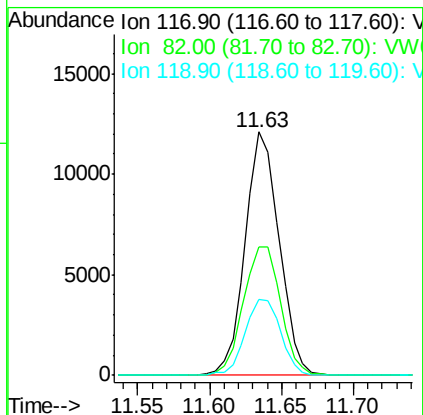
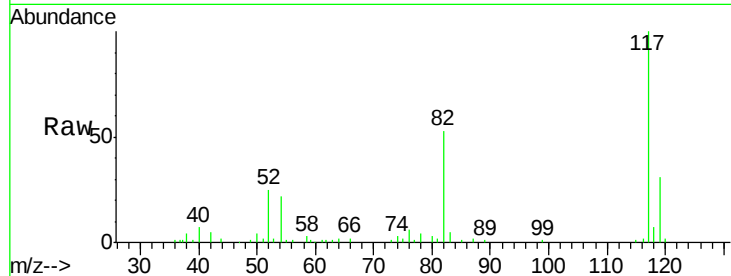




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(60-62)

Tot Ion:117 Resp: 19780
Ion Ratio Lower Upper
117 100
82 52.5 44.6 67.0
119 31.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1964
Delta R.T. -0.01 min
Lab File: VW003597.D
Acq: 27 Jun 2018 04:24

Tgt Ion:152 Resp: 5337
Ion Ratio Lower Upper
152 100
115 62.8 29.3 88.0
150 149.0 0.0 349.6

