

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001140.D
 Acq On : 30 Jan 2018 00:32
 Operator : JC/SY
 Sample : J1288-02RE
 Misc : 5.86G/5.0ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(75-77)RE

Quant Time: Jan 30 15:52:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	80439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	53538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	9443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	41895	78.94	ug/l	0.00
Spiked Amount			Recovery	=	157.88%	
35) Dibromofluoromethane	7.88	113	21358	41.51	ug/l	0.00
Spiked Amount			Recovery	=	83.02%	
50) Toluene-d8	10.33	98	103602	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.63	95	16674	22.85	ug/l	0.00
Spiked Amount			Recovery	=	45.70%	

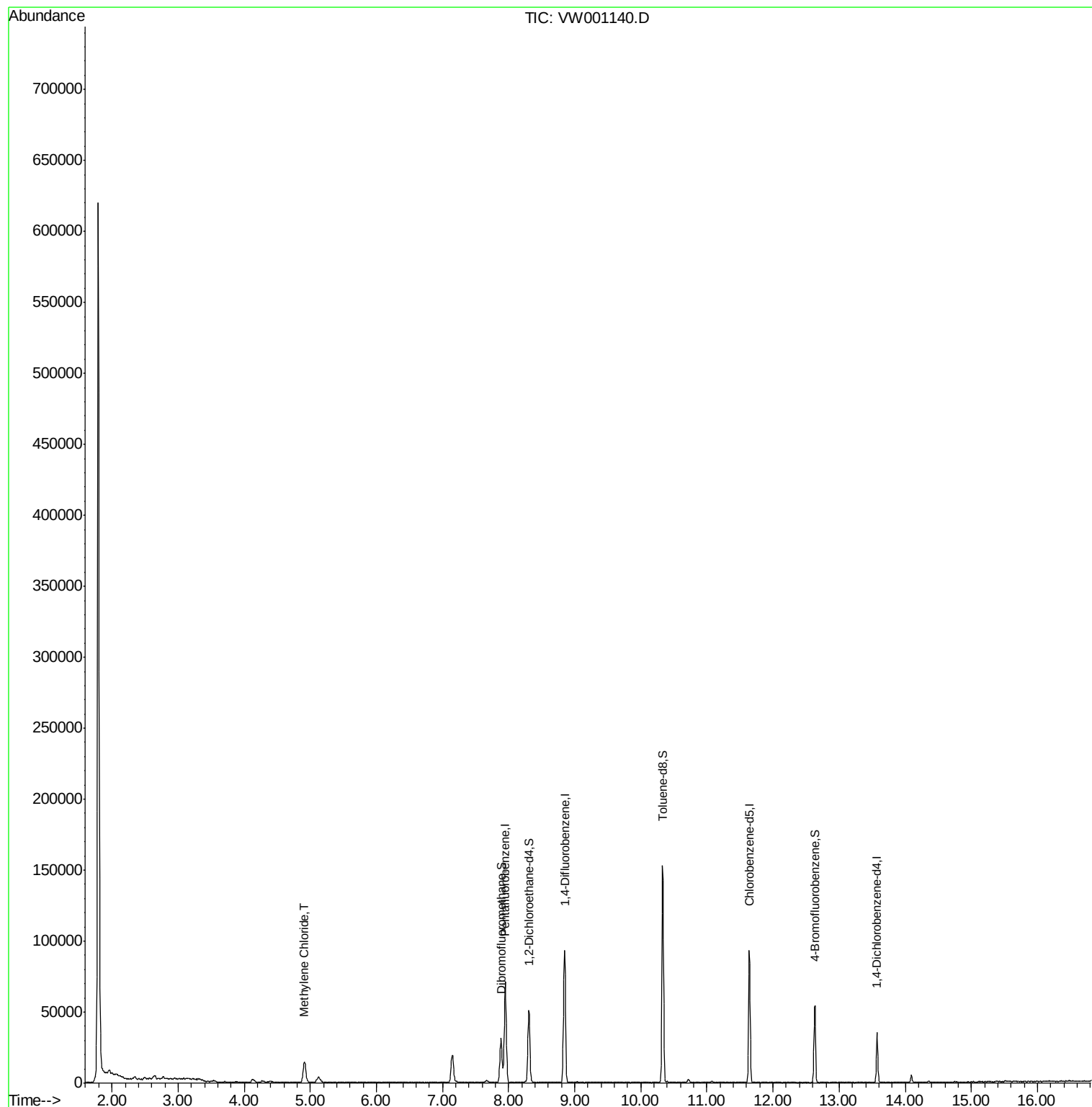
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	11084	22.68	ug/l	89

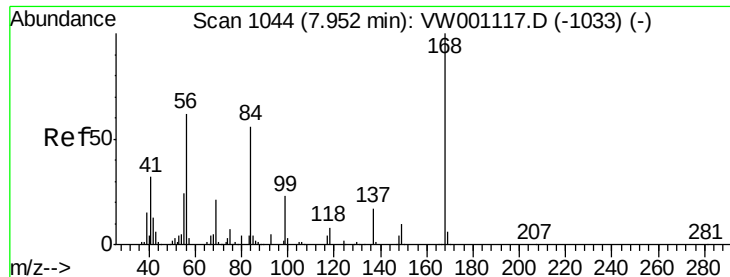
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW001140.D

Acq: 30 Jan 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

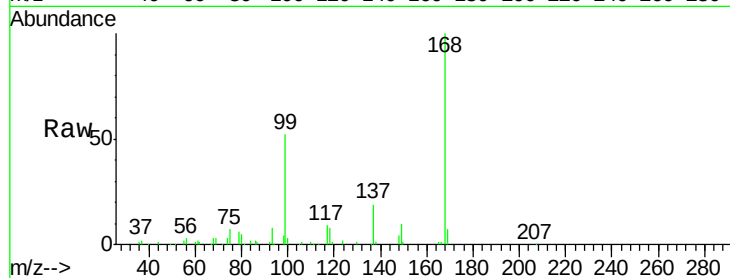
EPE-108-4(75-77)RE

Tot Ion:168 Resp: 54587

Ion Ratio Lower Upper

168 100

99 52.4 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

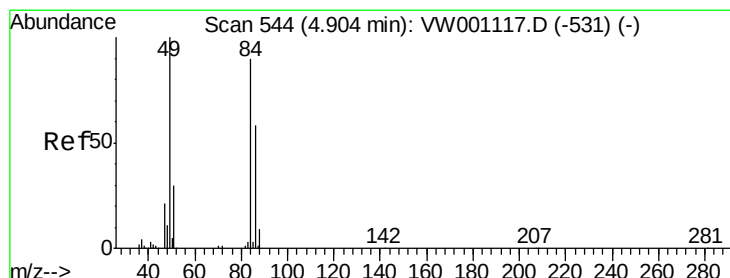
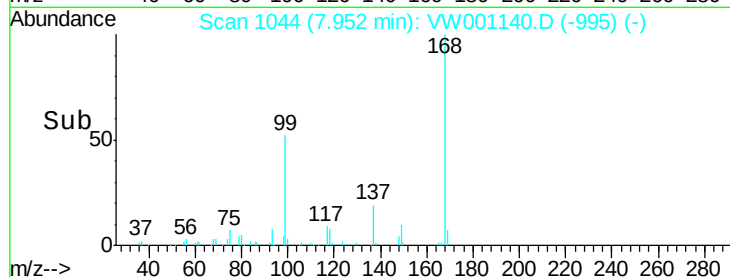
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 22.68 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW001140.D

Acq: 30 Jan 2018 00:32

Tgt Ion: 84 Resp: 11084

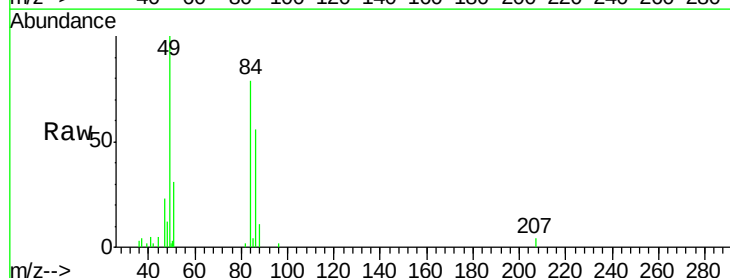
Ion Ratio Lower Upper

84 100

49 126.2 89.2 133.8

51 38.9 26.7 40.1

86 70.4 51.7 77.5



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

4.91

6000

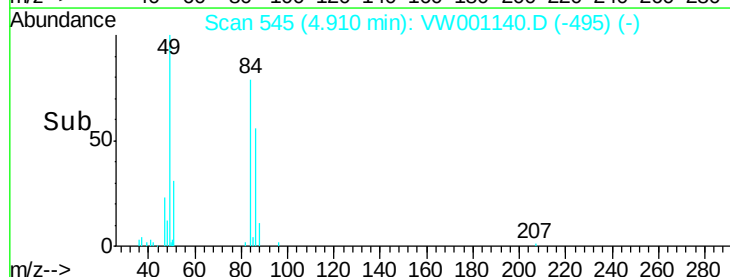
4000

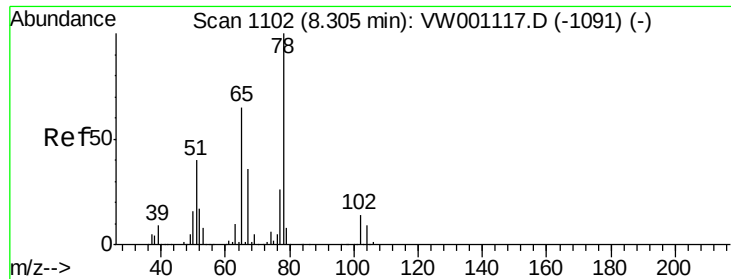
2000

0

Time-->

4.80 4.90 5.00

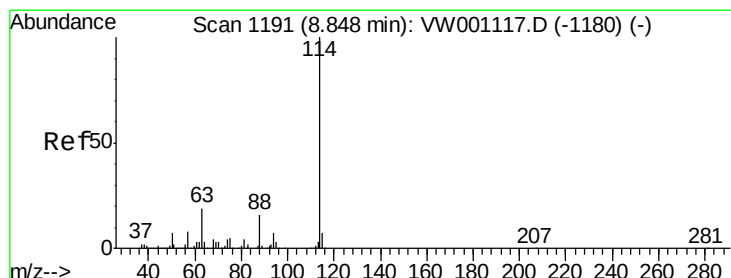
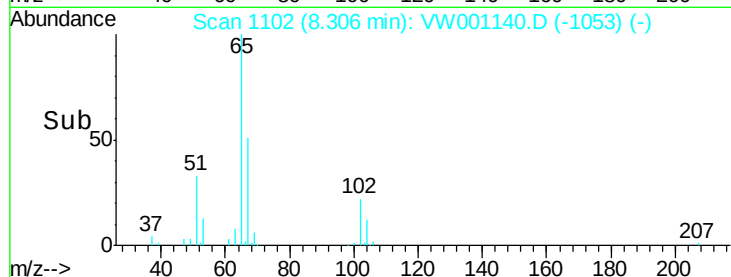
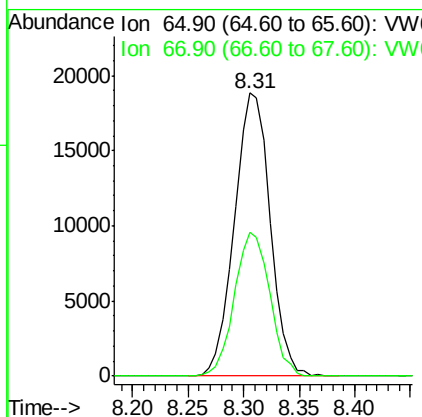
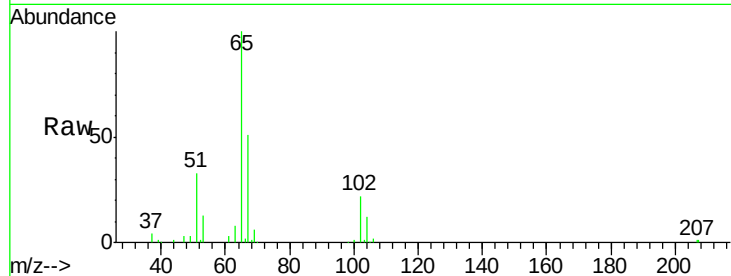




#33
 1,2-Dichloroethane-d4
 Concen: 78.94 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW001140.D
 Acq: 30 Jan 2018 00:32

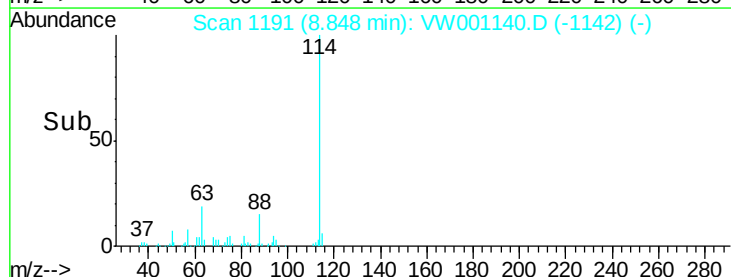
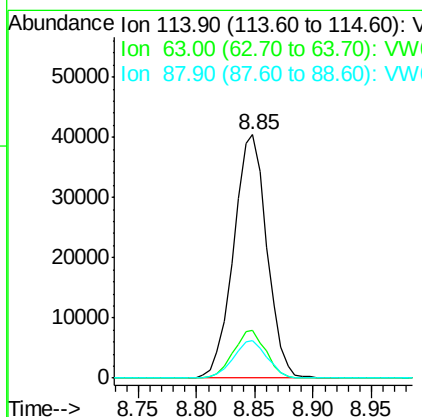
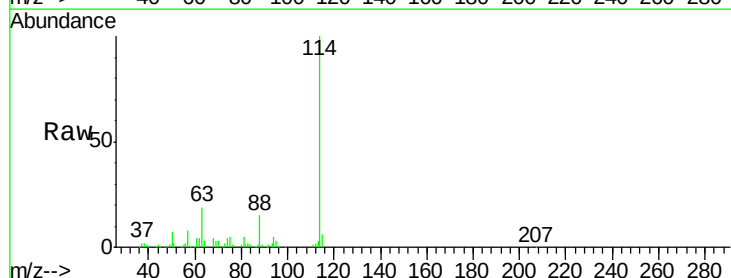
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 EPE-108-4(75-77)RE

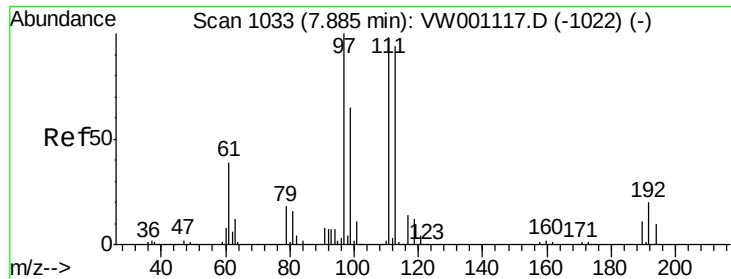
Tot Ion: 65 Resp: 41895
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW001140.D
 Acq: 30 Jan 2018 00:32

Tgt Ion: 114 Resp: 80439
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.2
 88 15.3 0.0 31.0

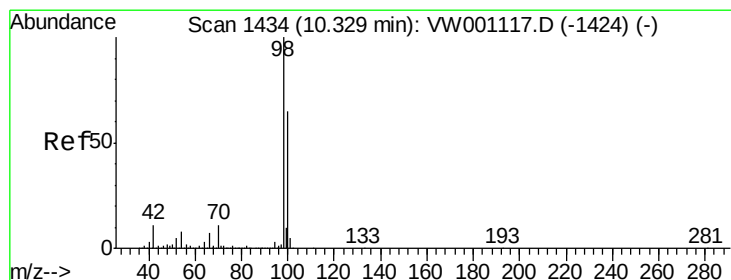
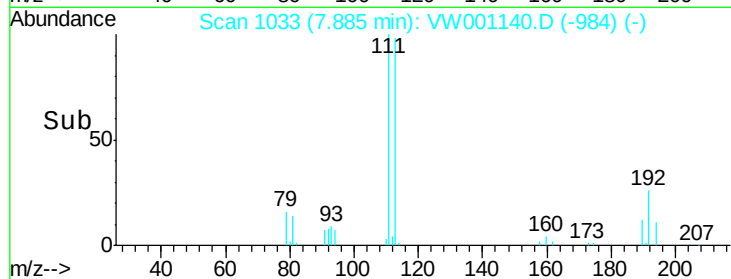
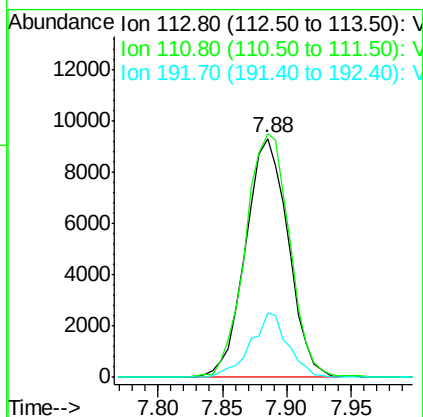
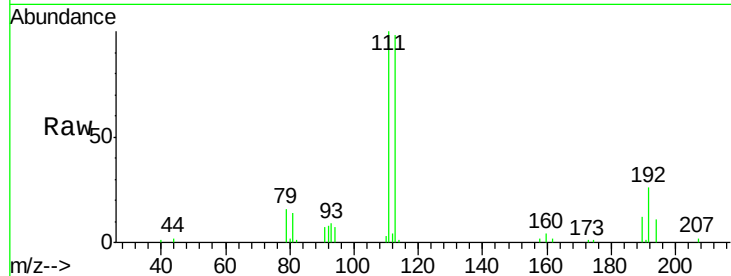




#35
 Dibromofluoromethane
 Concen: 41.51 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW001140.D
 Acq: 30 Jan 2018 00:32

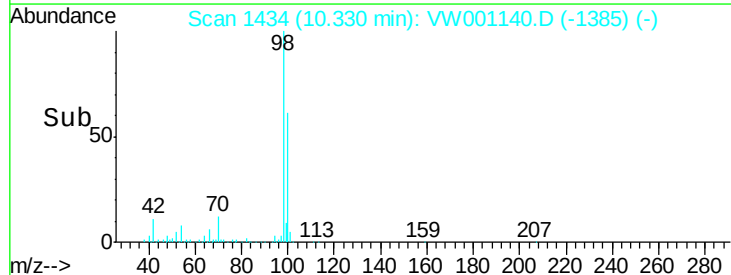
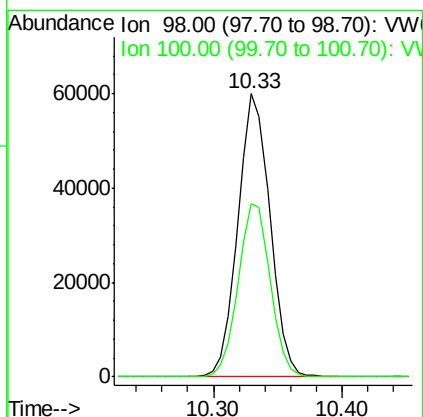
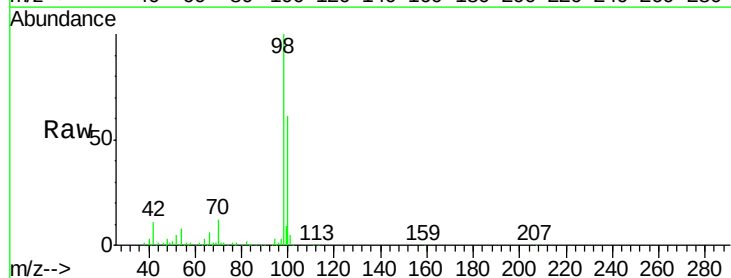
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(75-77)RE

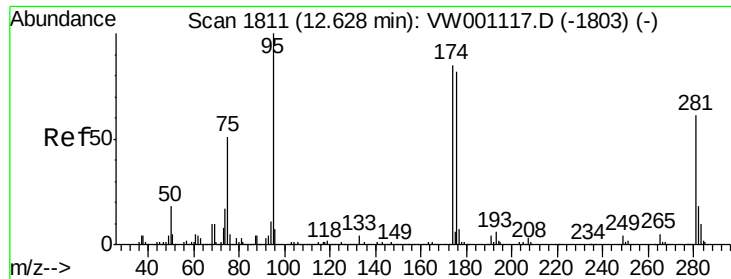
Tot Ion:113 Resp: 21358
 Ion Ratio Lower Upper
 113 100
 111 105.8 83.1 124.7
 192 23.5 17.8 26.6



#50
 Toluene-d8
 Concen: 52.31 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW001140.D
 Acq: 30 Jan 2018 00:32

Tgt Ion: 98 Resp: 103602
 Ion Ratio Lower Upper
 98 100
 100 61.3 51.3 76.9

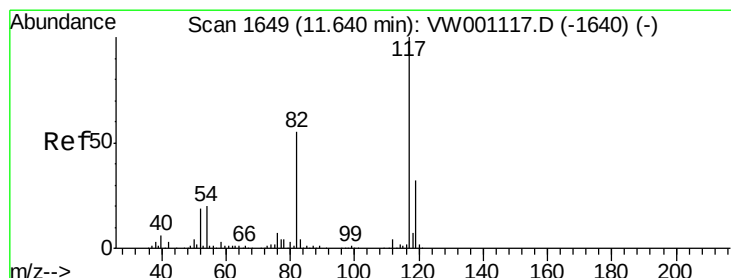
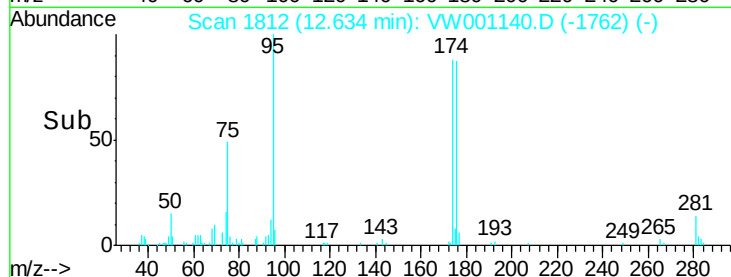
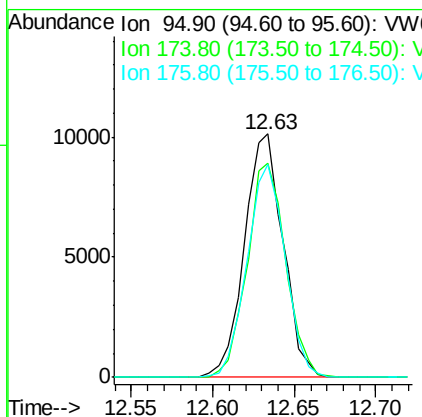
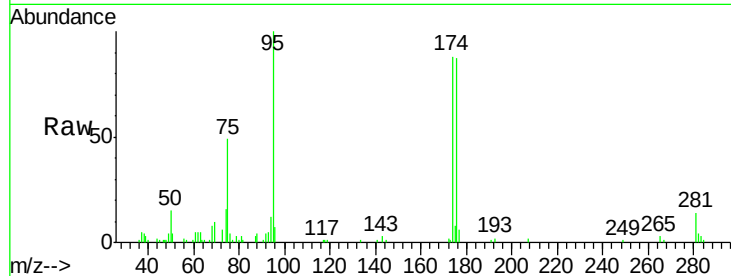




#62
4-Bromofluorobenzene
Concen: 22.85 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW001140.D
Acq: 30 Jan 2018 00:32

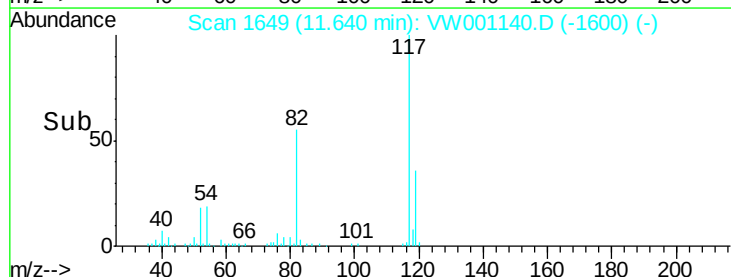
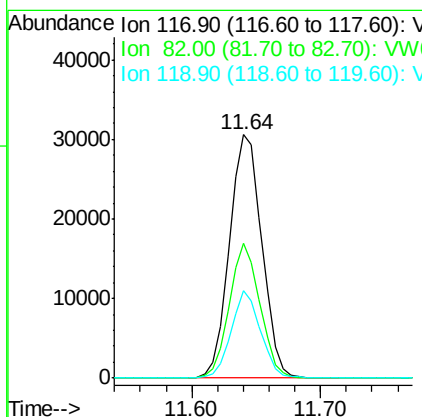
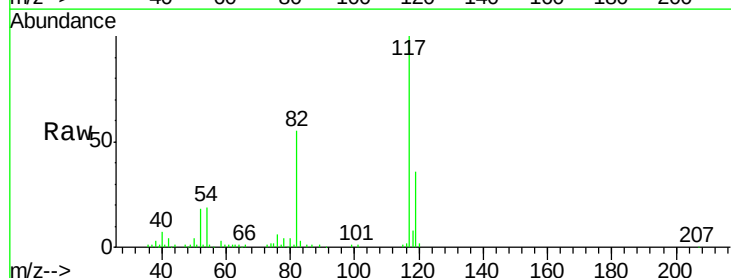
Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(75-77)RE

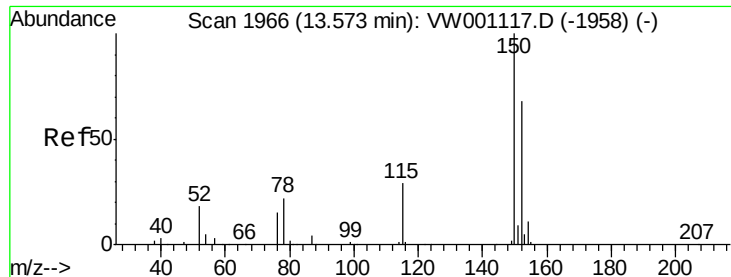
Tot Ion: 95 Resp: 16674
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.6
176 86.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001140.D
Acq: 30 Jan 2018 00:32

Tgt Ion: 117 Resp: 53538
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 35.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW001140.D

Acq: 30 Jan 2018 00:32

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-4(75-77)RE

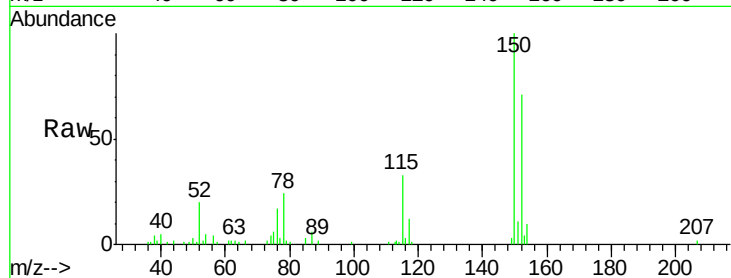
Tot Ion:152 Resp: 9443

Ion Ratio Lower Upper

152 100

115 52.9 28.4 85.3

150 155.0 0.0 342.4



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

