

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003841.D
 Acq On : 10 Jul 2018 22:09
 Operator : SY/AP
 Sample : J3886-02RE
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-6A(60-62)RE

Quant Time: Jul 11 05:45:19 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	132731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	232994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	46078	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	62534	36.03	ug/l	0.00
Spiked Amount			Recovery	=	72.06%	
35) Dibromofluoromethane	7.88	113	55233	33.87	ug/l	0.00
Spiked Amount			Recovery	=	67.74%	
50) Toluene-d8	10.33	98	146377	23.47	ug/l	0.00
Spiked Amount			Recovery	=	46.94%	
62) 4-Bromofluorobenzene	12.62	95	34300	15.20	ug/l	0.00
Spiked Amount			Recovery	=	30.40%	

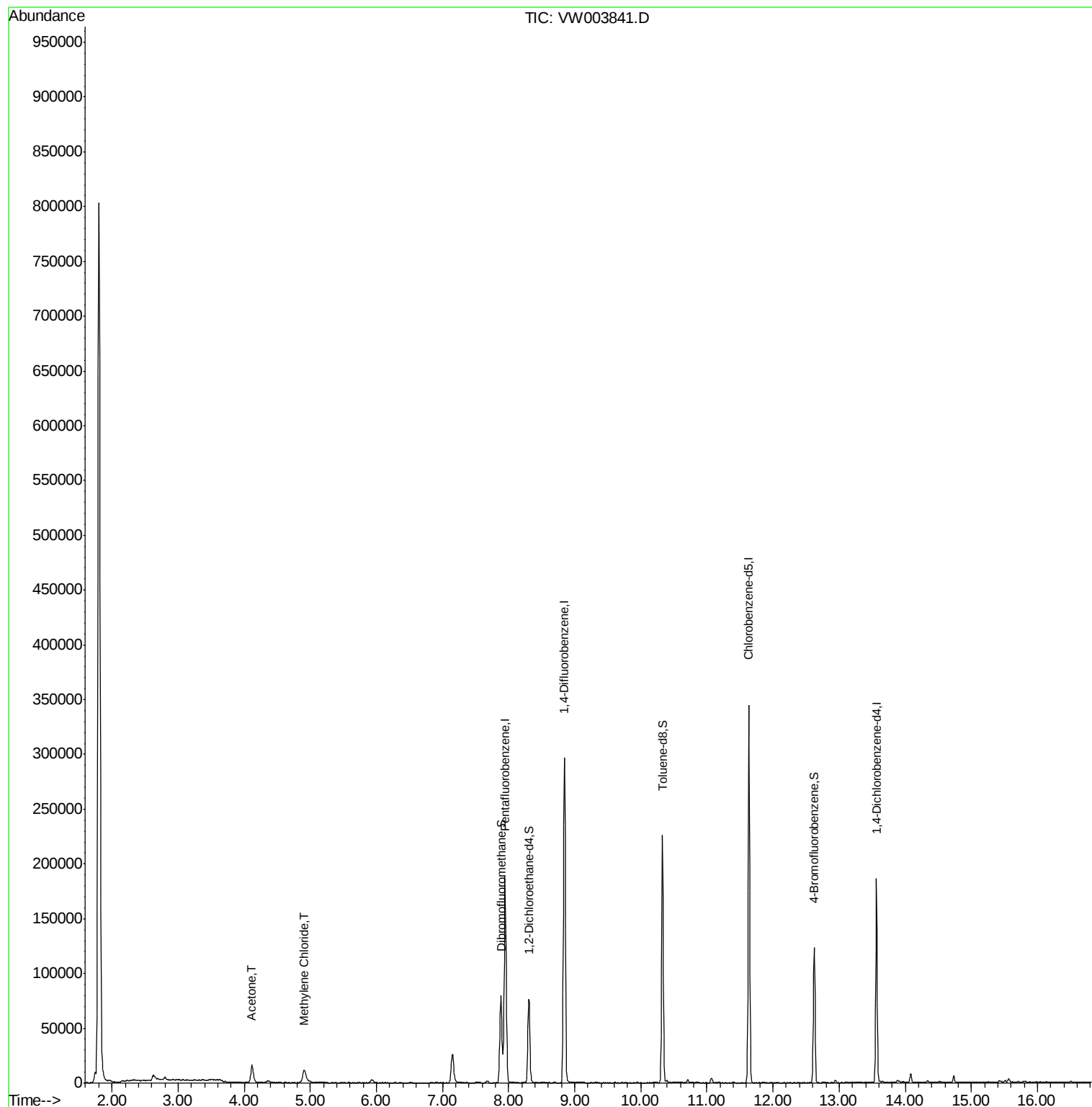
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	27760	92.18	ug/l	97
20) Methylene Chloride	4.92	84	9952	2.63	ug/l	88

(#) = 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: VW003841.D

Acq: 10 Jul 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

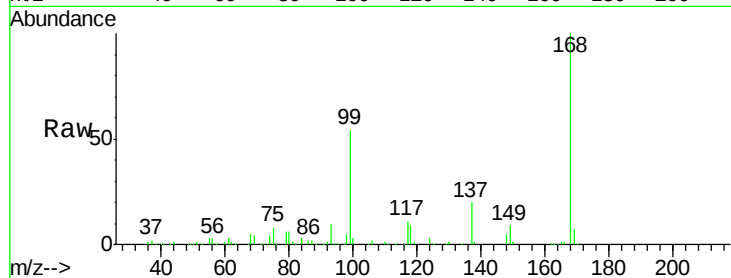
EPE-108-6A(60-62)RE

Tot Ion:168 Resp: 132731

Ion Ratio Lower Upper

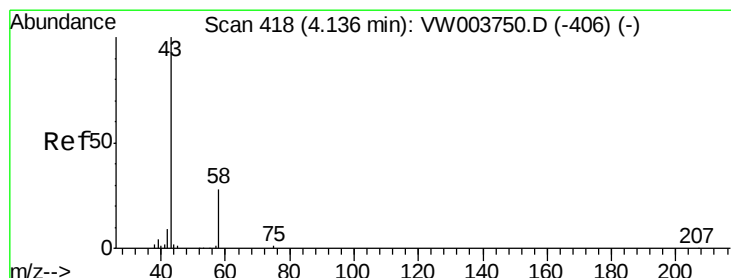
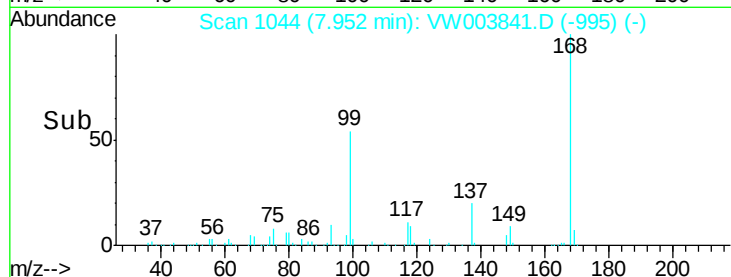
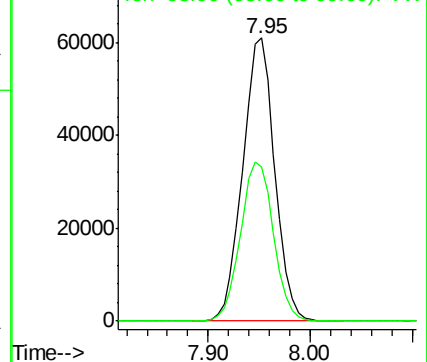
168 100

99 54.3 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: 92.18 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003841.D

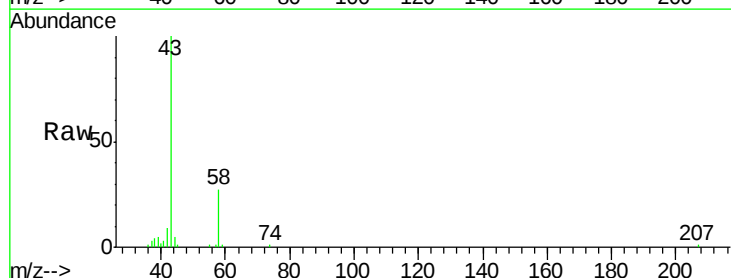
Acq: 10 Jul 2018 22:09

Tgt Ion: 43 Resp: 27760

Ion Ratio Lower Upper

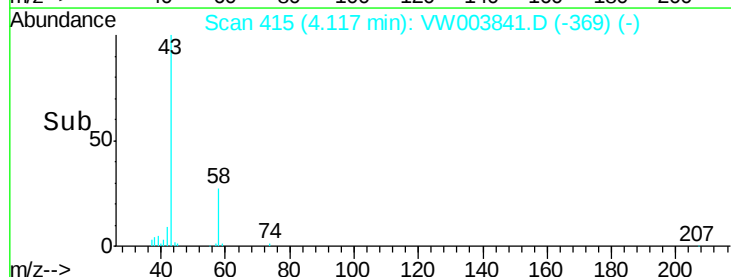
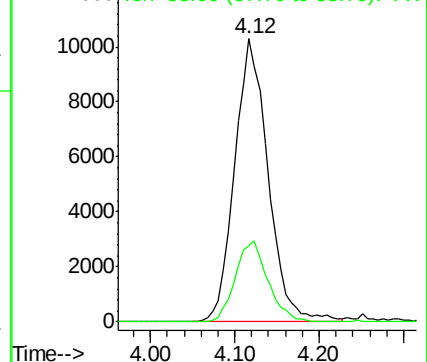
43 100

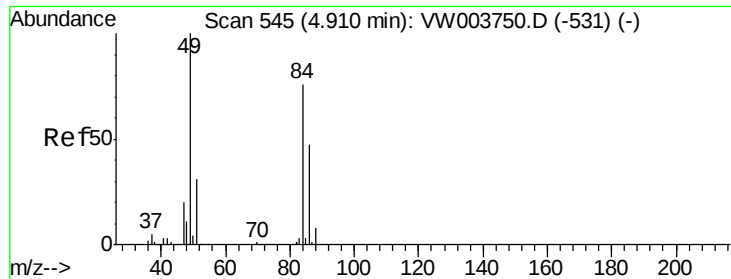
58 26.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



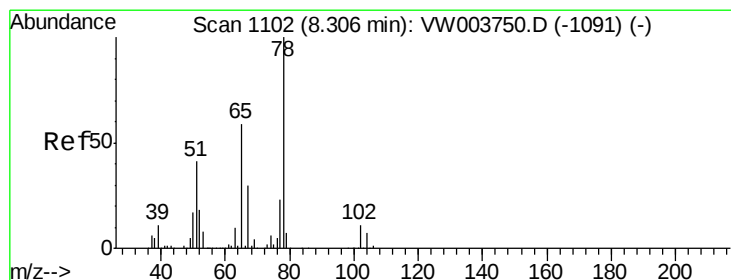
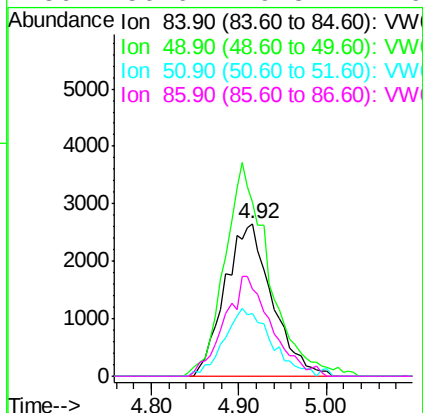
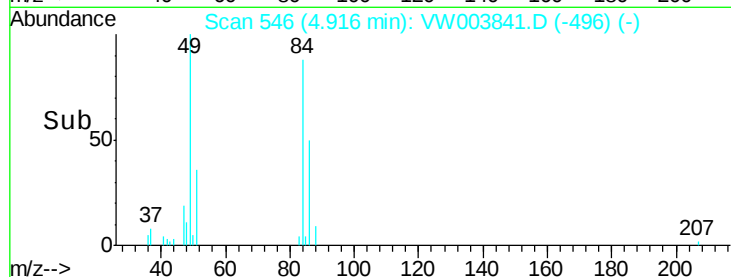
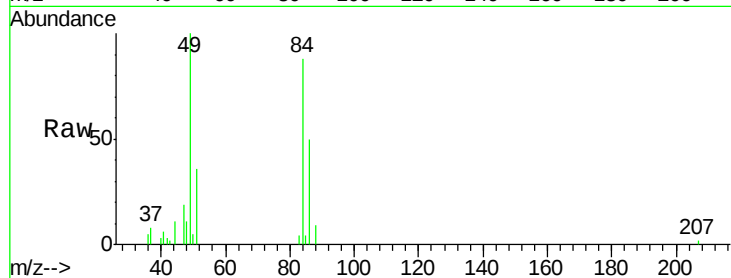


#20
Methylene Chloride
Concen: 2.63 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-6A(60-62)RE

Tot Ion: 84 Resp: 9952

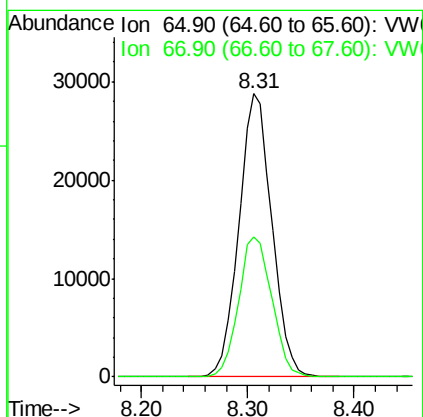
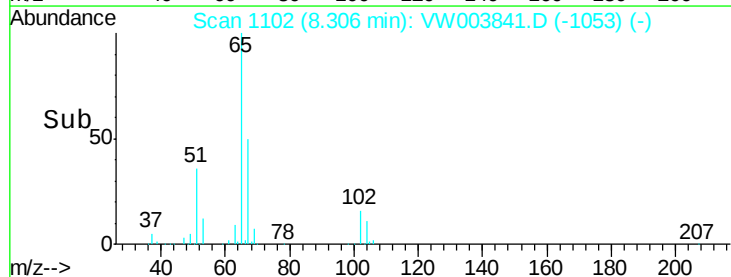
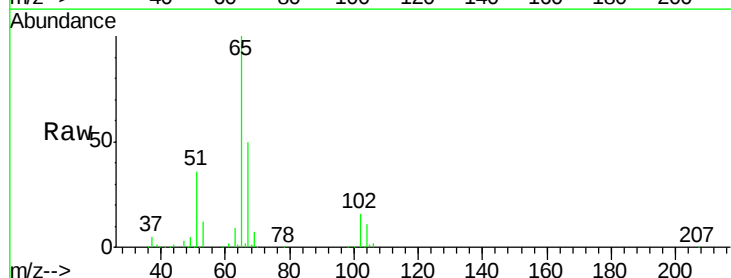
Ion	Ratio	Lower	Upper
84	100		
49	111.1	105.1	157.7
51	41.0	32.5	48.7
86	56.6	49.8	74.6

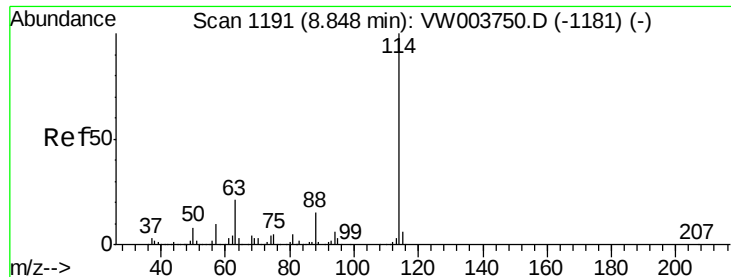


#33
1,2-Dichloroethane-d4
Concen: 36.03 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion: 65 Resp: 62534

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003841.D

Acq: 10 Jul 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-6A(60-62)RE

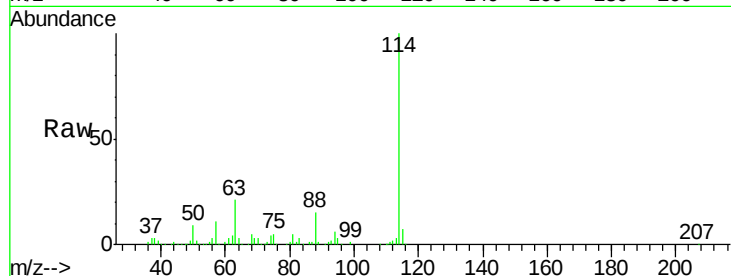
Tot Ion:114 Resp: 232994

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

88 15.3 0.0 30.2



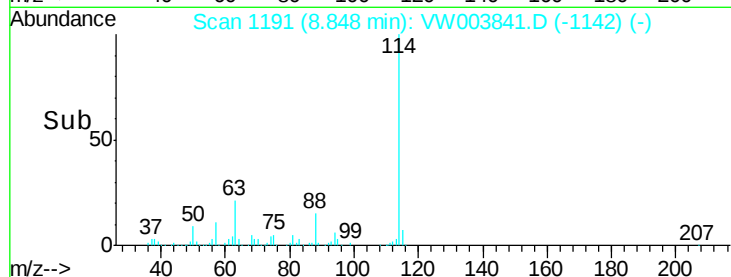
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

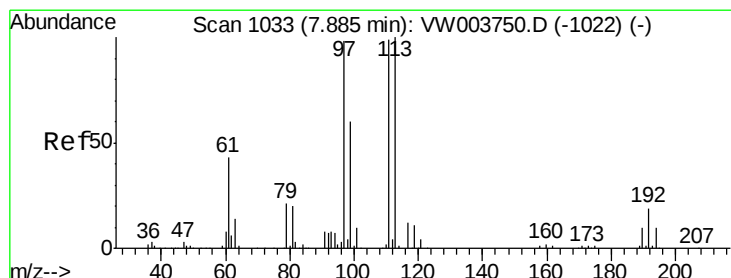
Ion 87.90 (87.60 to 88.60): VW

8.85

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 33.87 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003841.D

Acq: 10 Jul 2018 22:09

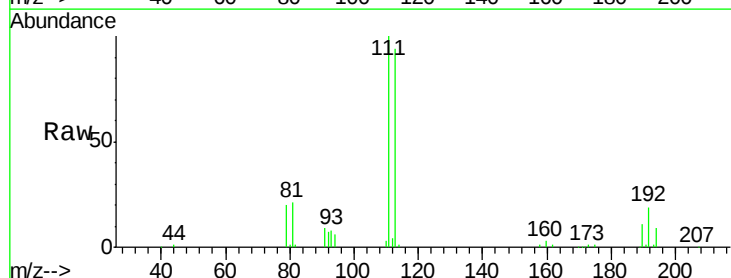
Tgt Ion:113 Resp: 55233

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

192 19.5 15.8 23.8



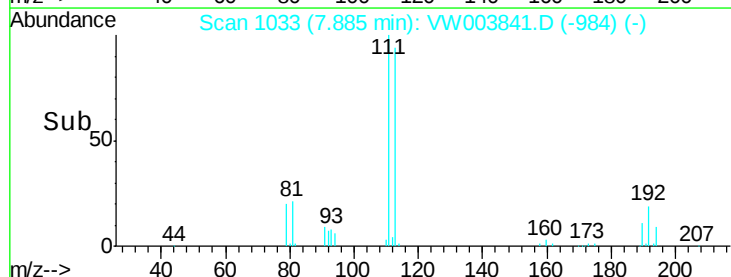
Abundance Ion 112.80 (112.50 to 113.50): V

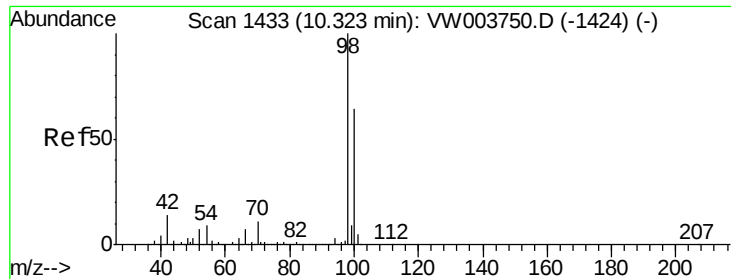
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.88

Time-->





#50

Toluene-d8

Concen: 23.47 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003841.D

Acq: 10 Jul 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

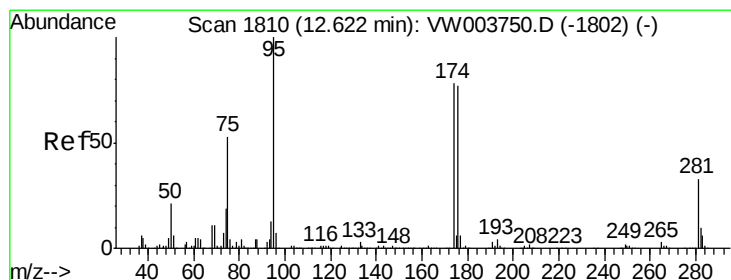
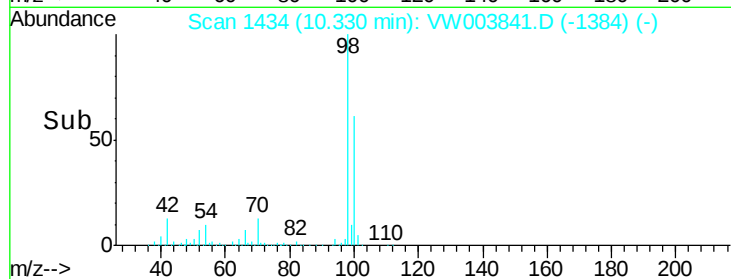
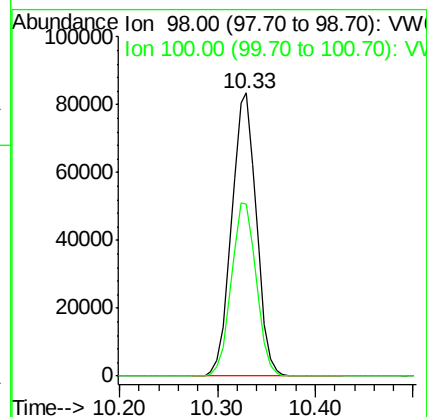
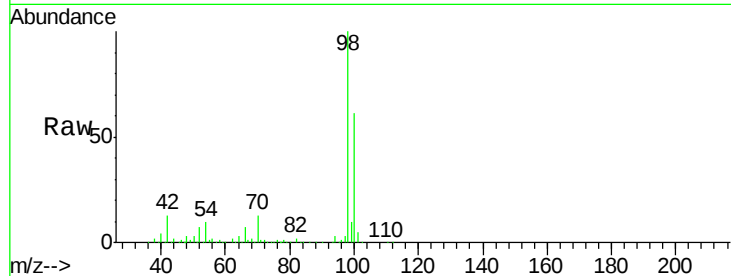
EPE-108-6A(60-62)RE

Tot Ion: 98 Resp: 146377

Ion Ratio Lower Upper

98 100

100 61.6 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 15.20 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003841.D

Acq: 10 Jul 2018 22:09

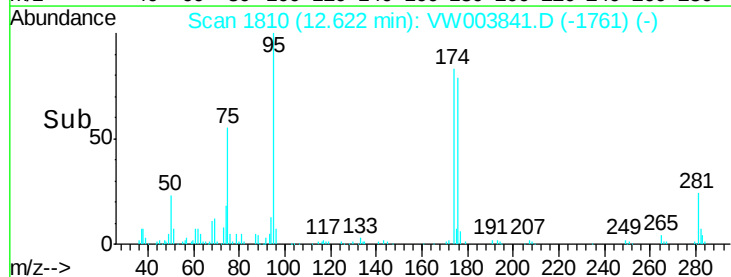
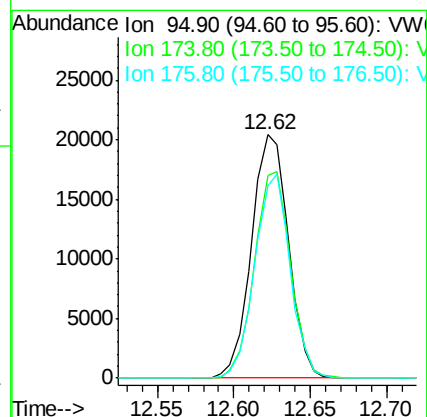
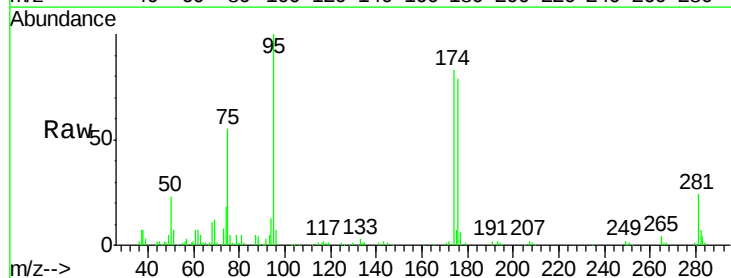
Tgt Ion: 95 Resp: 34300

Ion Ratio Lower Upper

95 100

174 83.2 0.0 163.4

176 80.1 0.0 156.8

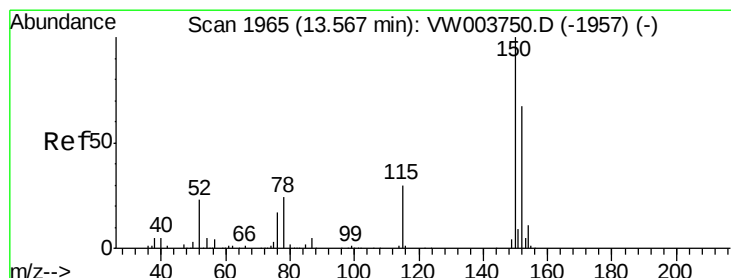
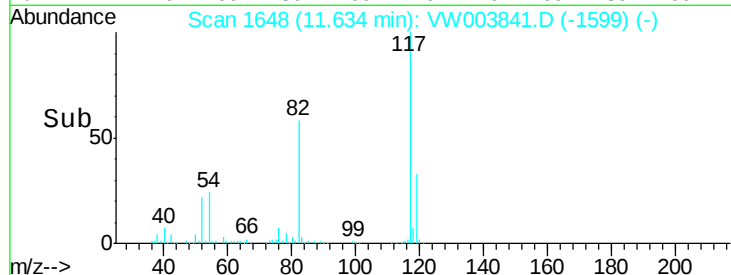
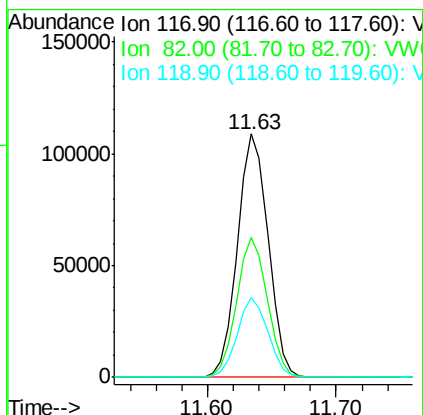
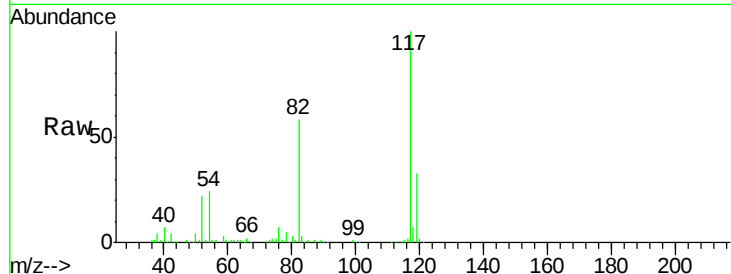




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-6A(60-62)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.9	70.3
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003841.D
Acq: 10 Jul 2018 22:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.8
150	157.7	0.0	342.4

