

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003965.D
 Acq On : 16 Jul 2018 21:27
 Operator : VA/AP
 Sample : J3829-01
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-A

Quant Time: Jul 17 07:01:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107344	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	138549	63.30	ug/l	0.00
Spiked Amount			Recovery	=	126.60%	
35) Dibromofluoromethane	7.88	113	114760	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	
50) Toluene-d8	10.33	98	364083	44.00	ug/l	0.00
Spiked Amount			Recovery	=	88.00%	
62) 4-Bromofluorobenzene	12.62	95	110569	37.06	ug/l	0.00
Spiked Amount			Recovery	=	74.12%	

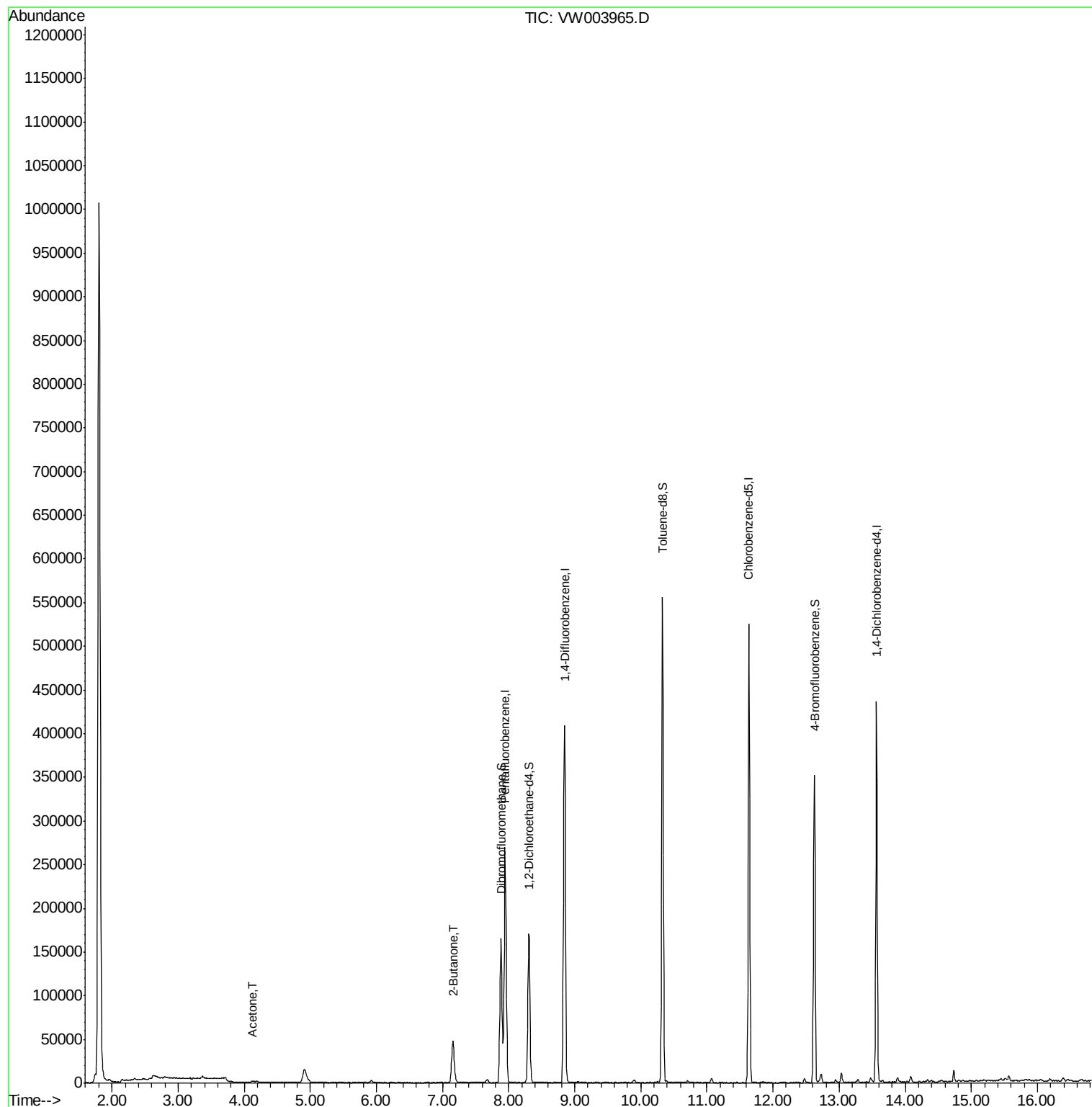
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	2497	4.75	ug/l	94
25) 2-Butanone	7.15	43	2907	4.11	ug/l	# 82

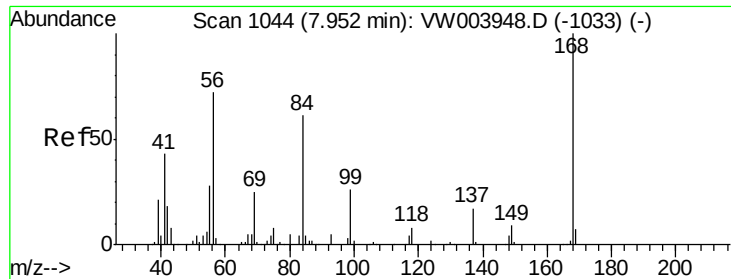
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003965.D

Acq: 16 Jul 2018 21:27

Instrument :

MSVOA_W

ClientSampleId :

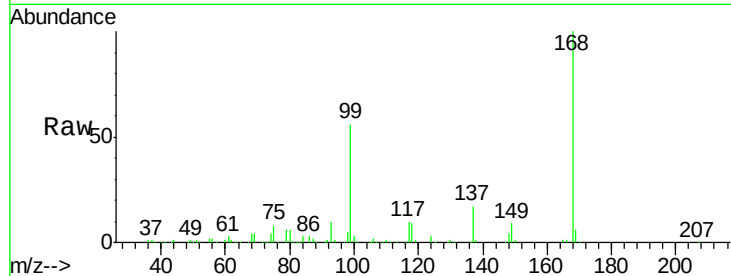
PL-01-071318-A

Tot Ion:168 Resp: 195824

Ion Ratio Lower Upper

168 100

99 56.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

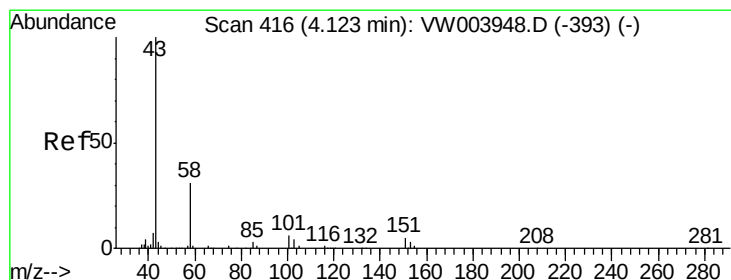
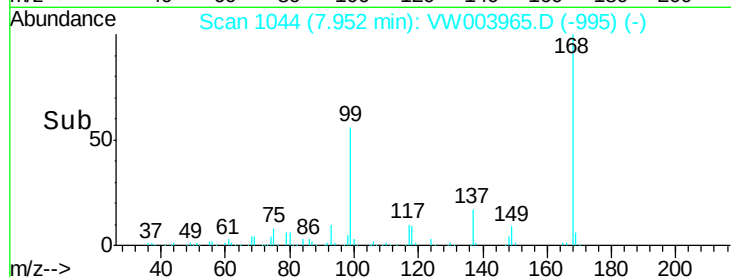
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 4.75 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW003965.D

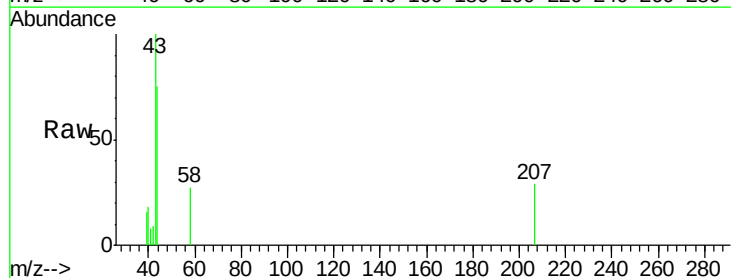
Acq: 16 Jul 2018 21:27

Tgt Ion: 43 Resp: 2497

Ion Ratio Lower Upper

43 100

58 27.2 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

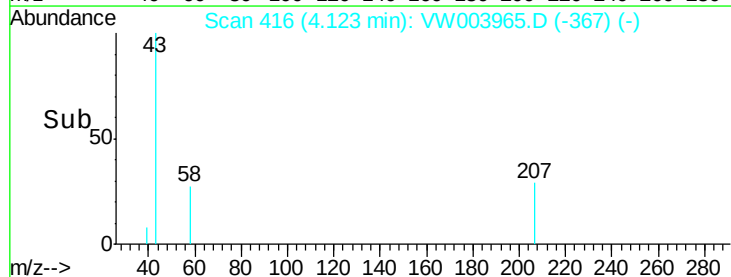
600

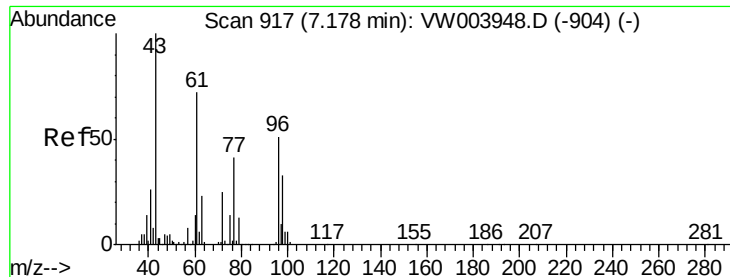
400

200

0

Time--> 4.05 4.10 4.15 4.20

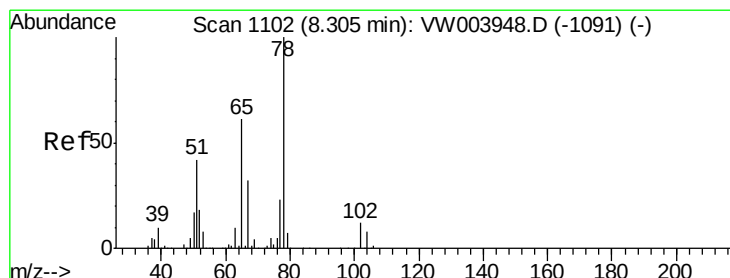
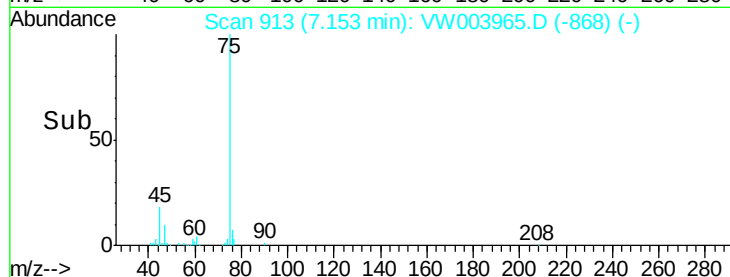
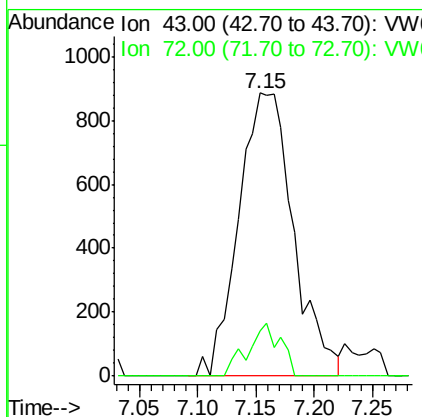
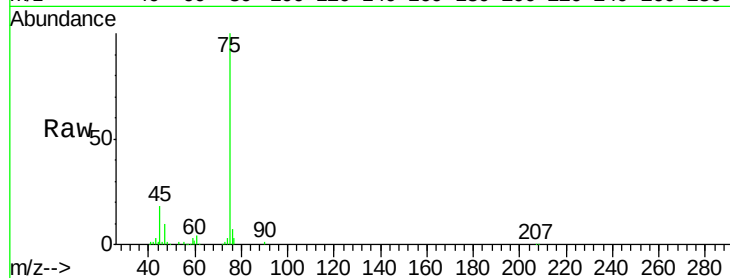




#25
 2-Butanone
 Concen: 4.11 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VW003965.D
 Acq: 16 Jul 2018 21:27

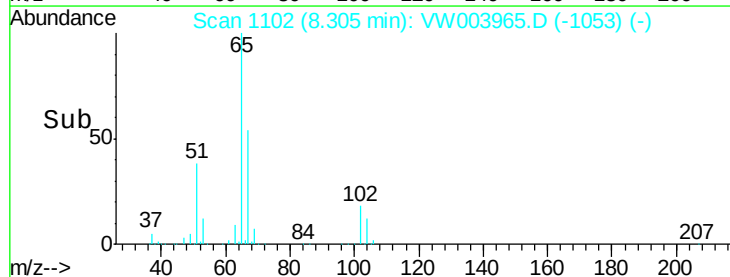
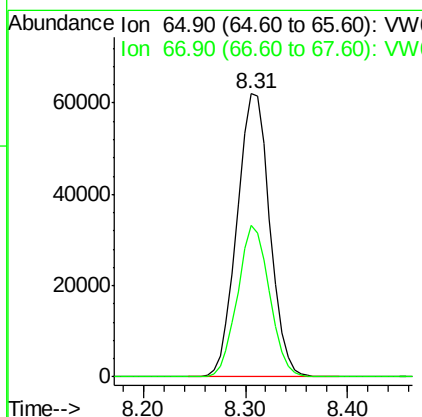
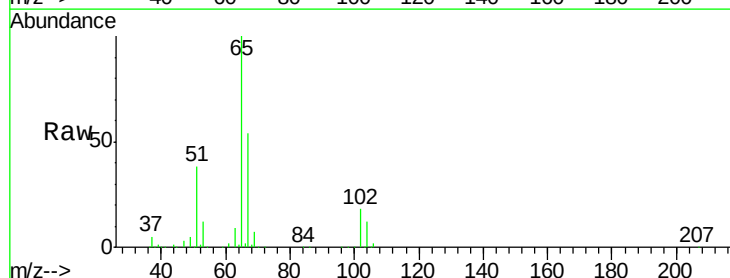
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-A

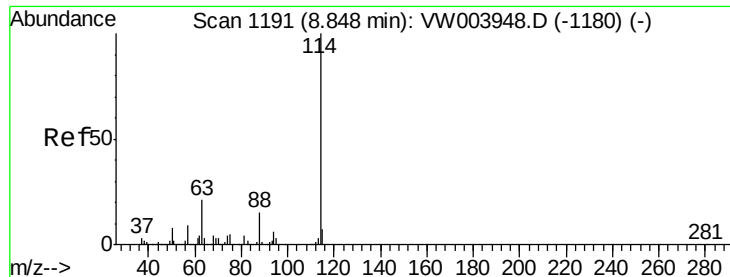
Tot Ion: 43 Resp: 2907
 Ion Ratio Lower Upper
 43 100
 72 15.9 19.8 29.6#



#33
 1,2-Dichloroethane-d4
 Concen: 63.30 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003965.D
 Acq: 16 Jul 2018 21:27

Tgt Ion: 65 Resp: 138549
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0

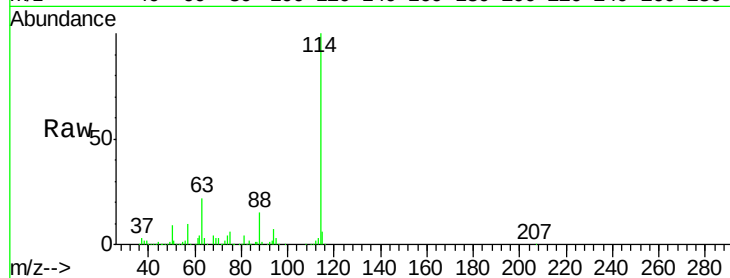




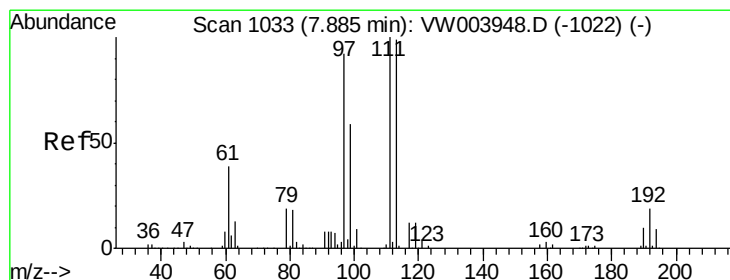
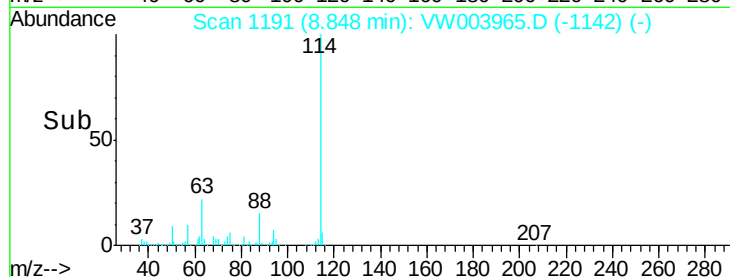
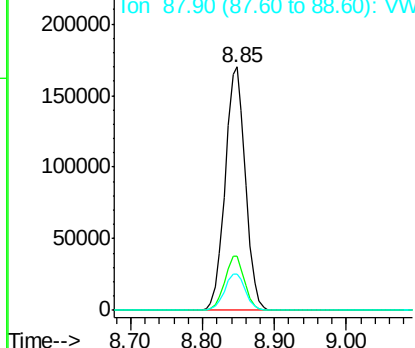
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003965.D
 Acq: 16 Jul 2018 21:27

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-A

Tot Ion:114 Resp: 332364
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.8
 88 15.1 0.0 30.4

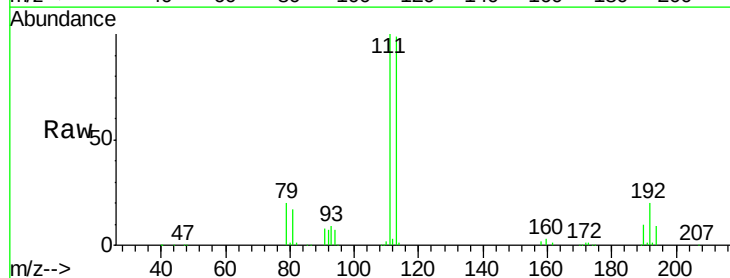


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

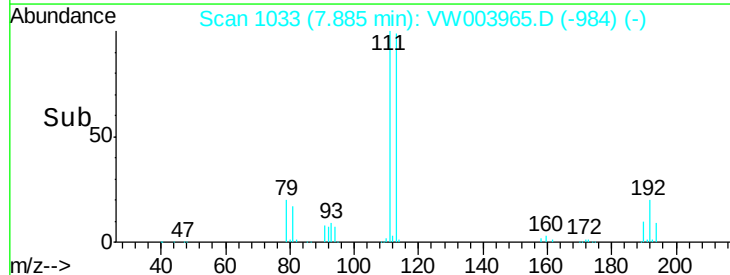
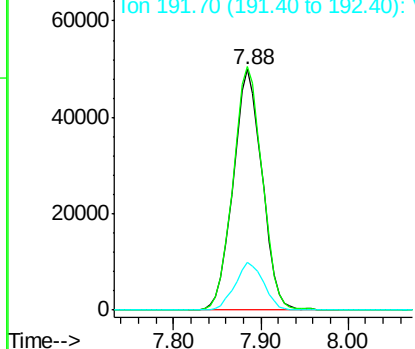


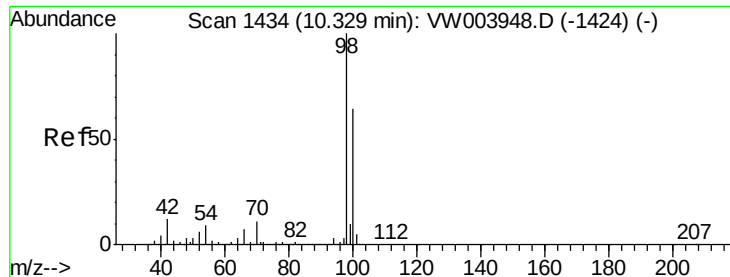
#35
 Dibromofluoromethane
 Concen: 53.81 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003965.D
 Acq: 16 Jul 2018 21:27

Tgt Ion:113 Resp: 114760
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 19.7 15.8 23.6



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: 44.00 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003965.D

Acq: 16 Jul 2018 21:27

Instrument :

MSVOA_W

ClientSampleId :

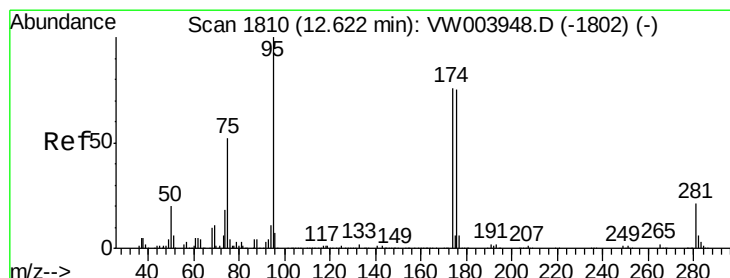
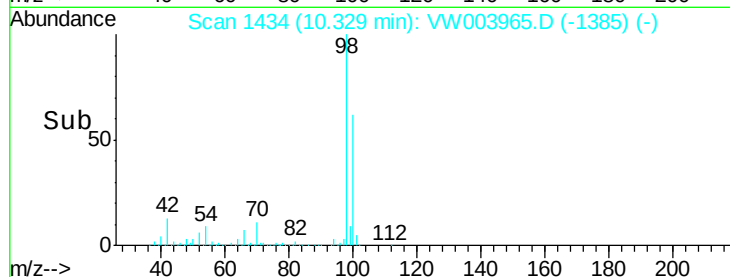
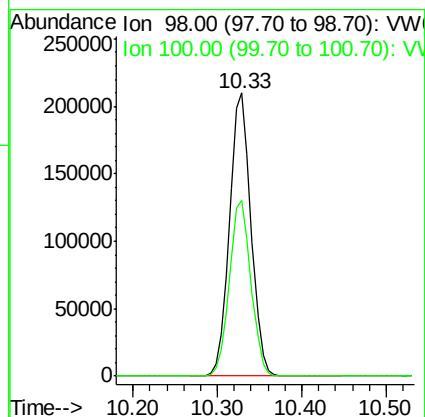
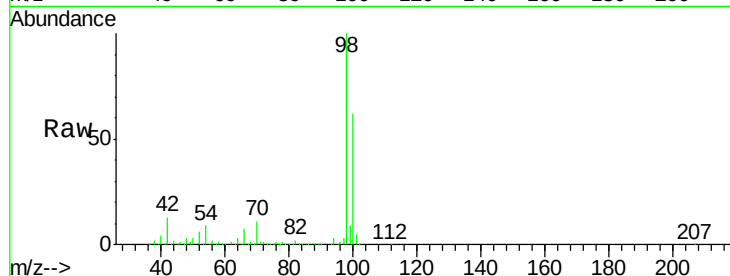
PL-01-071318-A

Tot Ion: 98 Resp: 364083

Ion Ratio Lower Upper

98 100

100 62.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 37.06 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003965.D

Acq: 16 Jul 2018 21:27

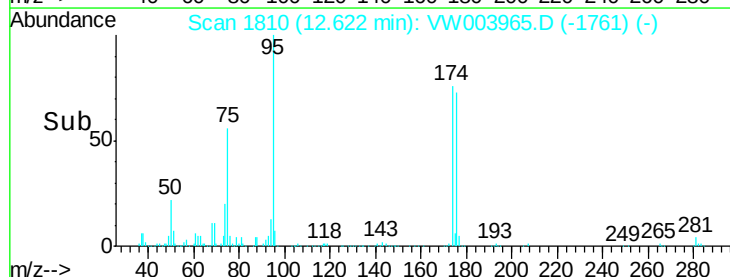
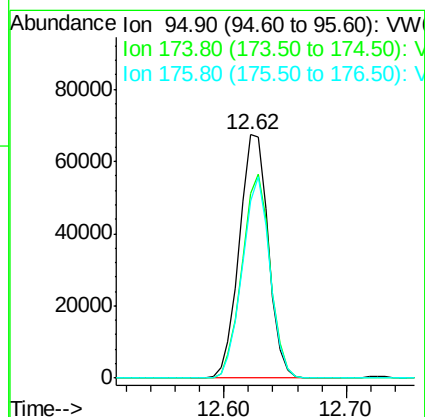
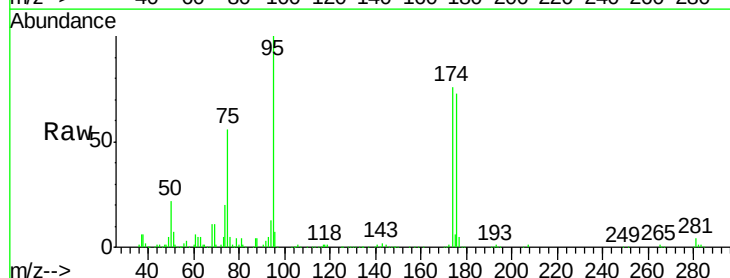
Tgt Ion: 95 Resp: 110569

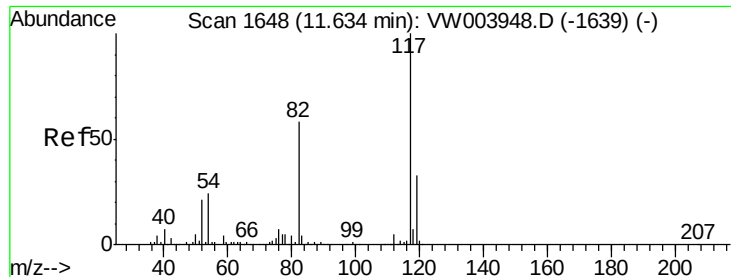
Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.2

176 78.8 0.0 155.8

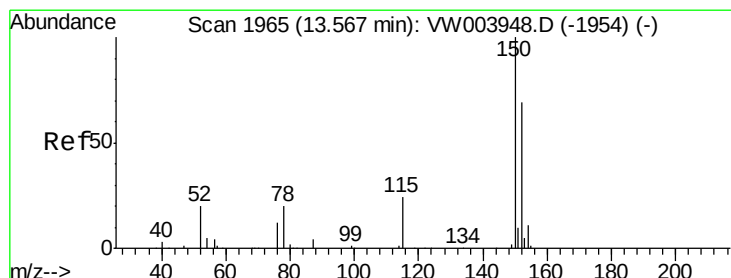
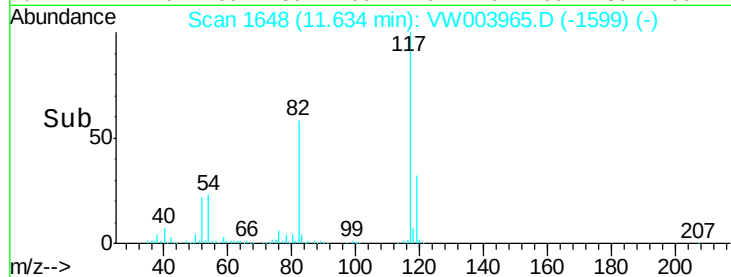
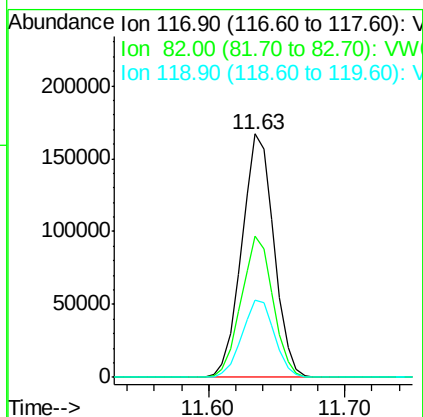
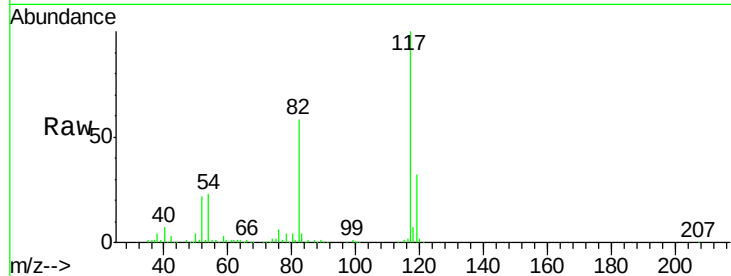




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003965.D
Acq: 16 Jul 2018 21:27

Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.5	69.7
119	31.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003965.D
Acq: 16 Jul 2018 21:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.2	87.6
150	159.2	0.0	345.2

