

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092218\
 Data File : VW005570.D
 Acq On : 21 Sep 2018 19:32
 Operator : VA/AP
 Sample : J4777-11
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-0920-18-A

Quant Time: Sep 21 23:46:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

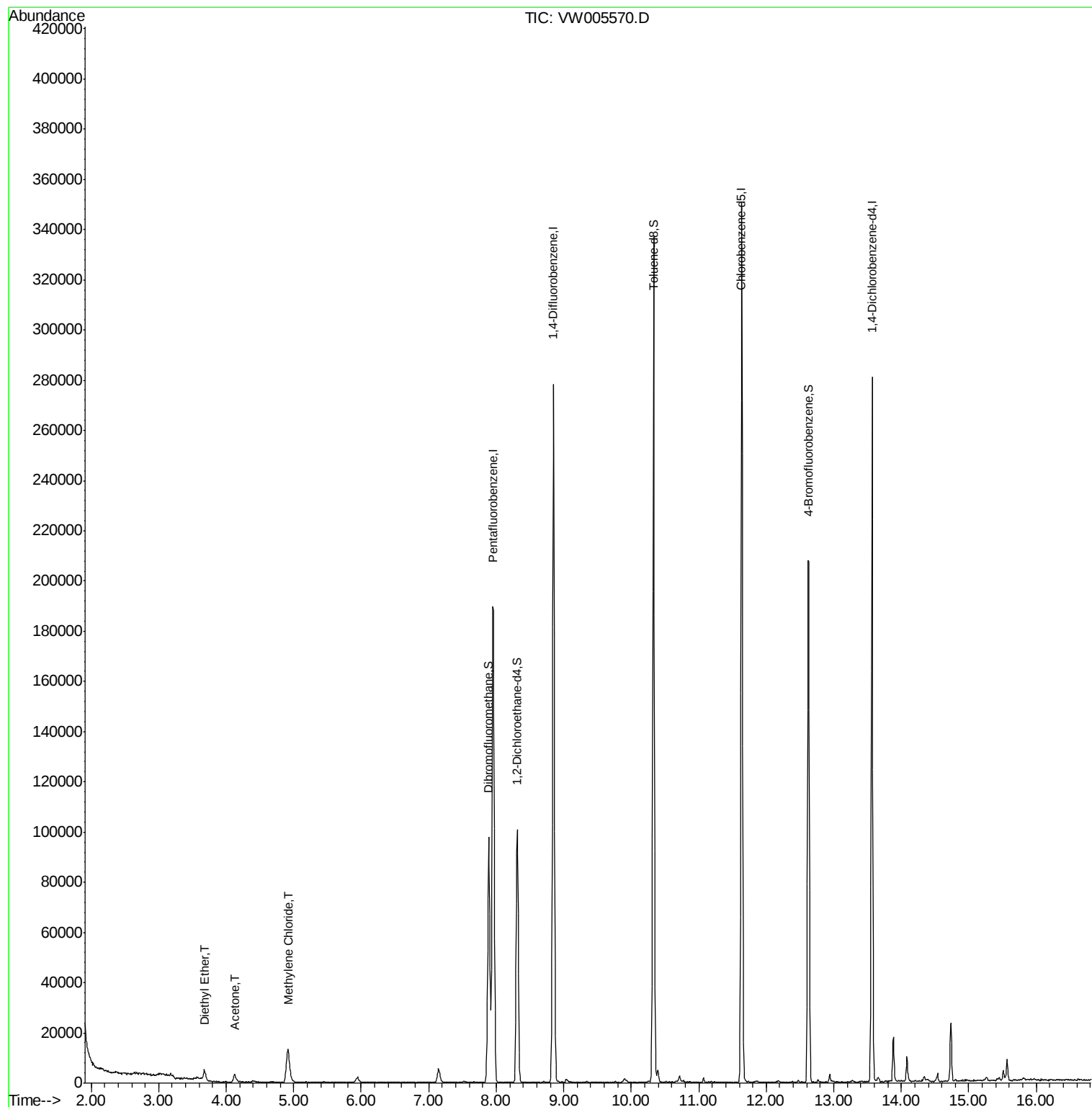
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	141874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	221490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	199519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	73576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84471	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.89	113	67083	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.33	98	217772	38.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.80%	
62) 4-Bromofluorobenzene	12.62	95	65877	31.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.78%	
Target Compounds						
8) Diethyl Ether	3.68	74	2017	2.896	ug/l	82
16) Acetone	4.12	43	5442	11.717	ug/l	94
20) Methylene Chloride	4.92	84	10959	3.870	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005570.D

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Instrument :

MSVOA_W

ClientSampleId :

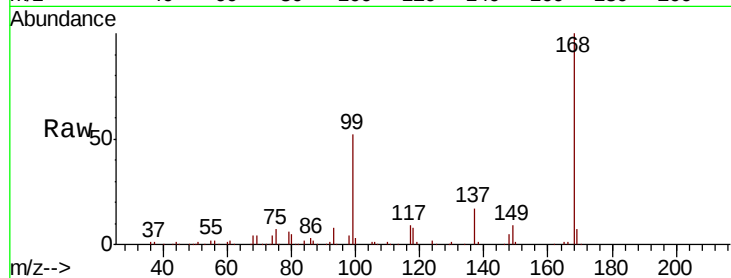
PL-02-0920-18-A

Tot Ion:168 Resp: 141874

Ion Ratio Lower Upper

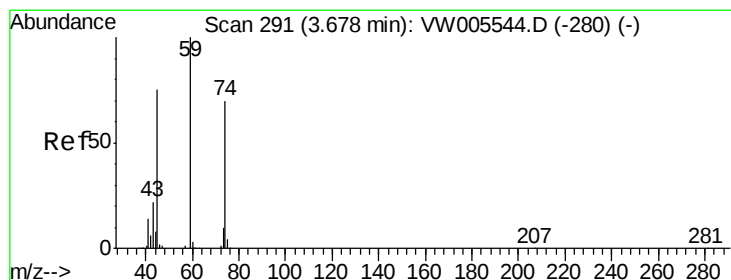
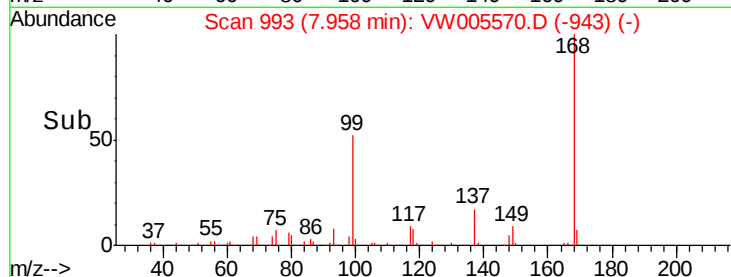
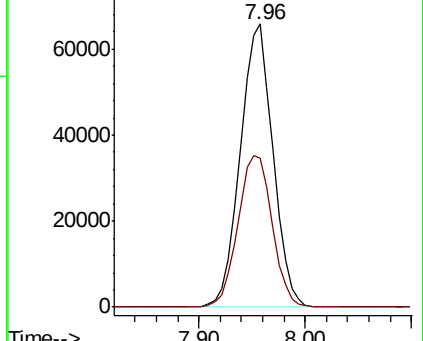
168 100

99 52.4 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.896 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW005570.D

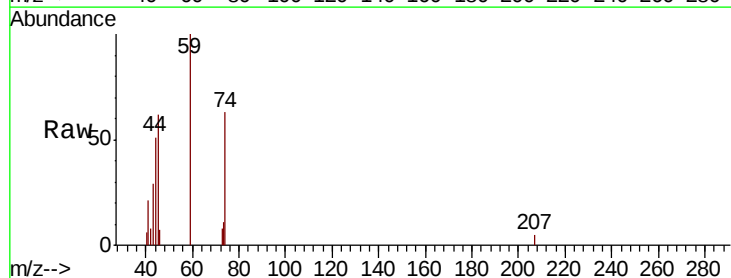
Acq: 21 Sep 2018 19:32

Tgt Ion: 74 Resp: 2017

Ion Ratio Lower Upper

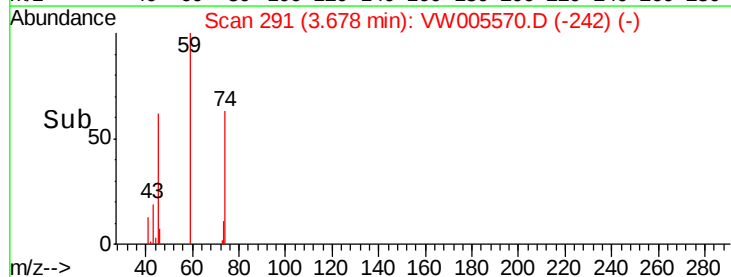
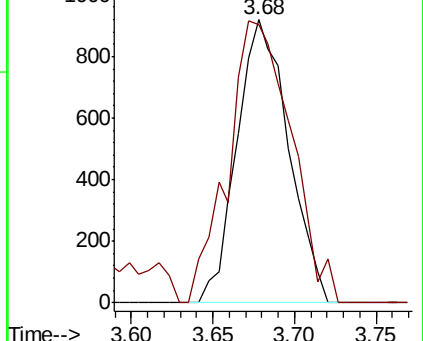
74 100

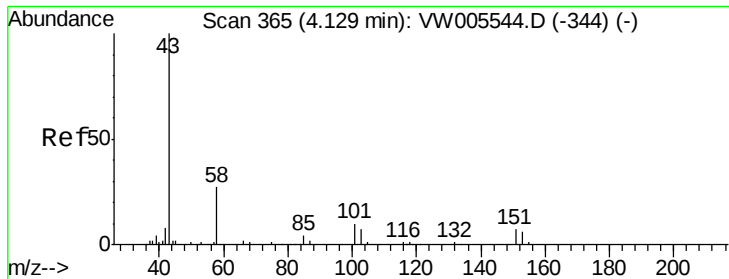
45 121.8 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 11.717 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005570.D

Acq: 21 Sep 2018 19:32

Instrument :

MSVOA_W

ClientSampleId :

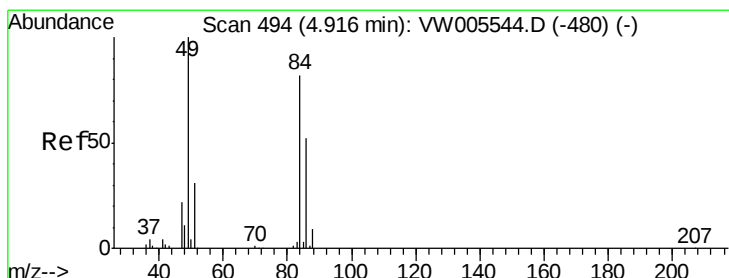
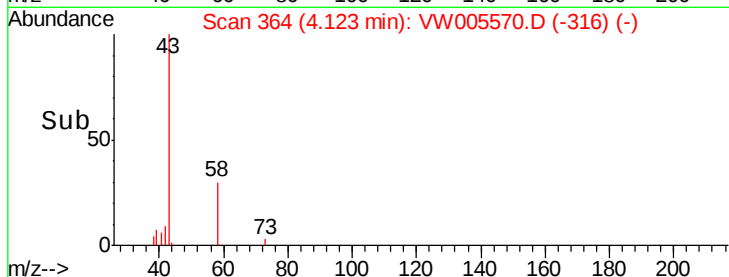
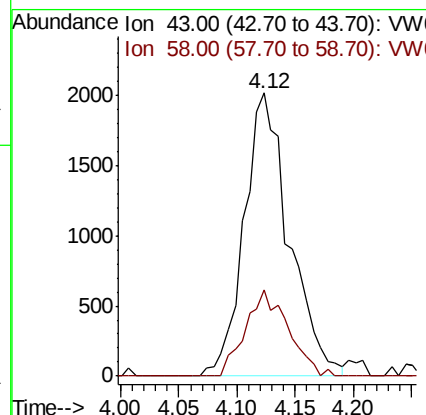
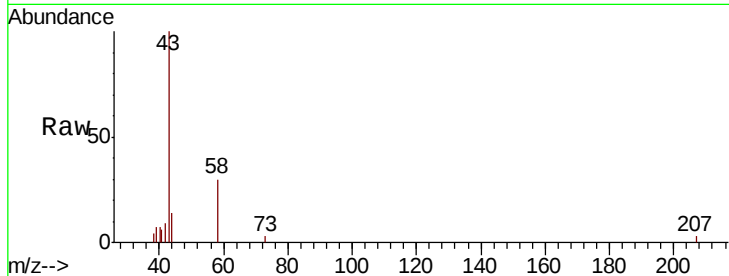
PL-02-0920-18-A

Tot Ion: 43 Resp: 5442

Ion Ratio Lower Upper

43 100

58 30.4 21.8 32.8



#20

Methylene Chloride

Concen: 3.870 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW005570.D

Acq: 21 Sep 2018 19:32

Tgt Ion: 84 Resp: 10959

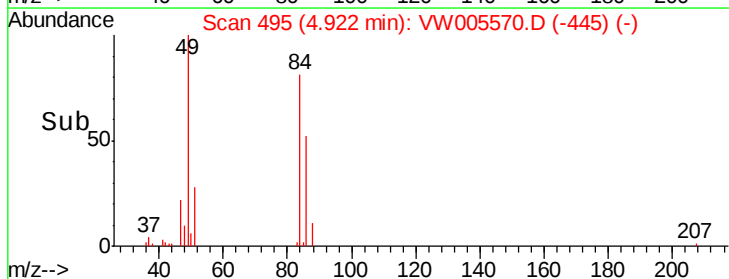
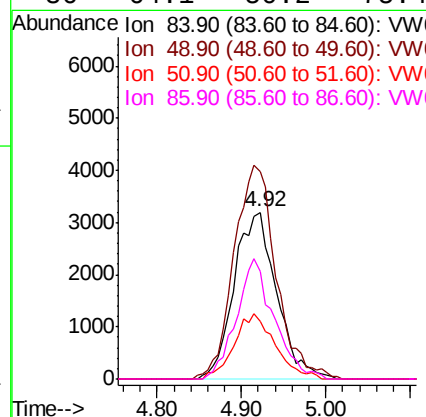
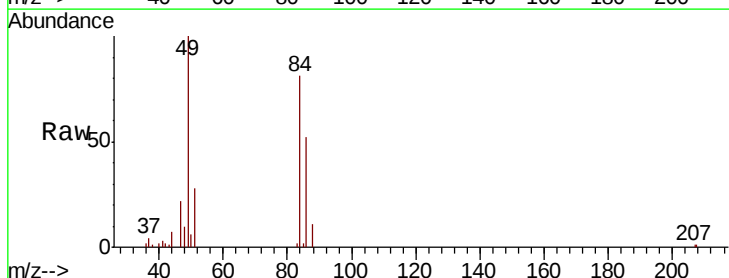
Ion Ratio Lower Upper

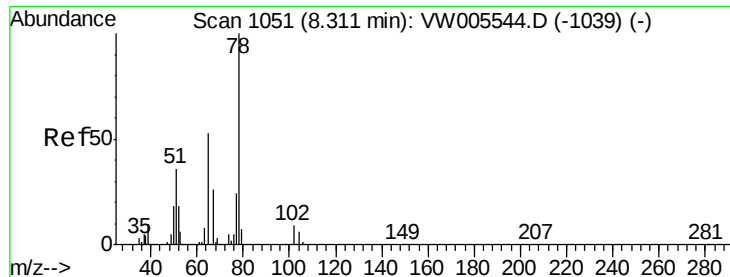
84 100

49 123.9 97.0 145.6

51 34.5 30.2 45.2

86 64.1 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 50.540 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005570.D

Acq: 21 Sep 2018 19:32

Instrument :

MSVOA_W

ClientSampleId :

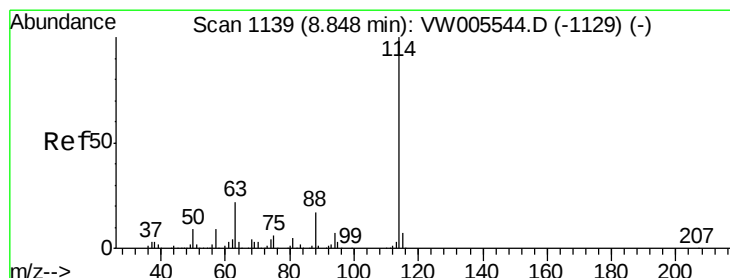
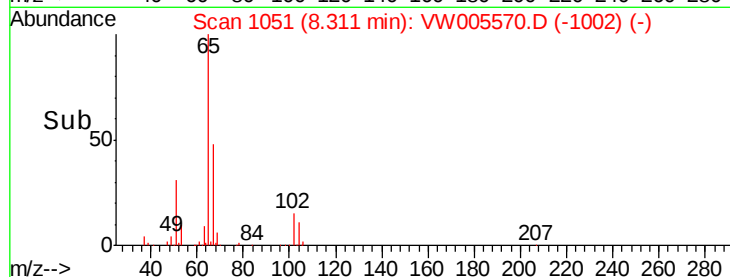
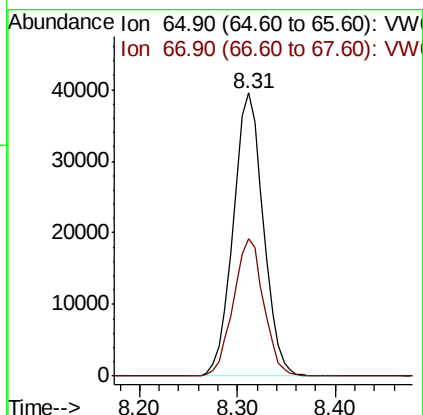
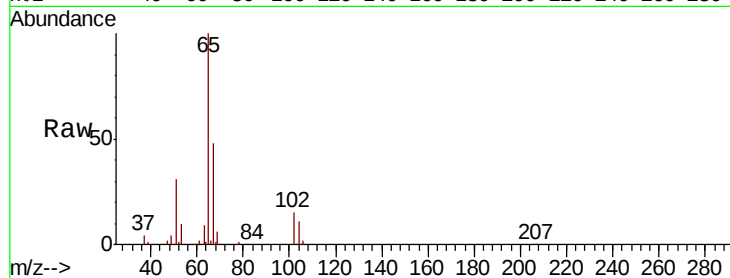
PL-02-0920-18-A

Tot Ion: 65 Resp: 84471

Ion Ratio Lower Upper

65 100

67 48.8 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005570.D

Acq: 21 Sep 2018 19:32

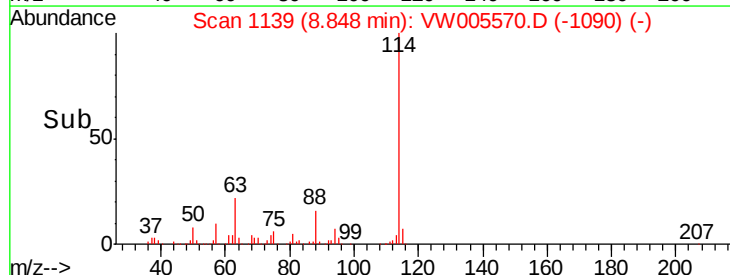
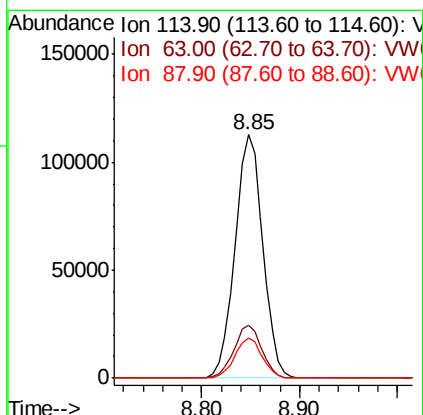
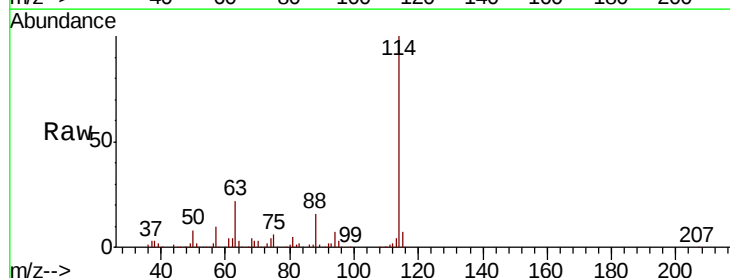
Tgt Ion: 114 Resp: 221490

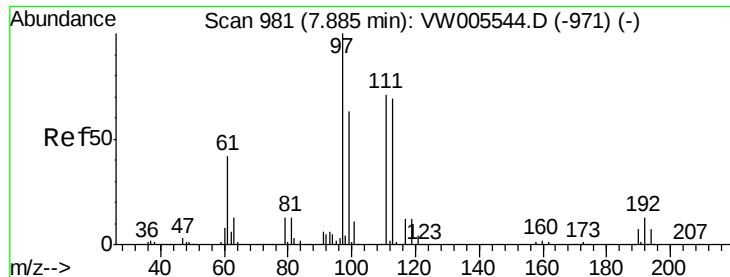
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.0

88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.162 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005570.D

Acq: 21 Sep 2018 19:32

Instrument :

MSVOA_W

ClientSampleId :

PL-02-0920-18-A

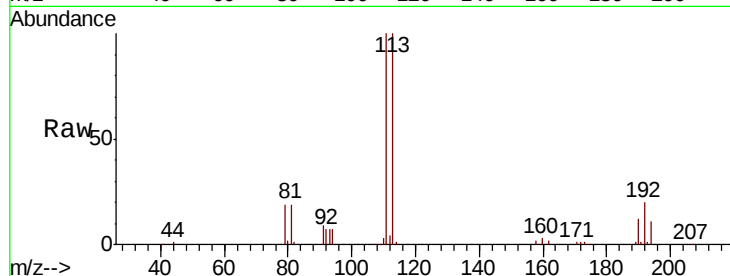
Tot Ion:113 Resp: 67083

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

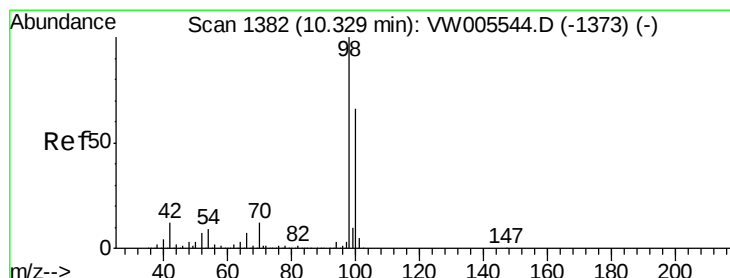
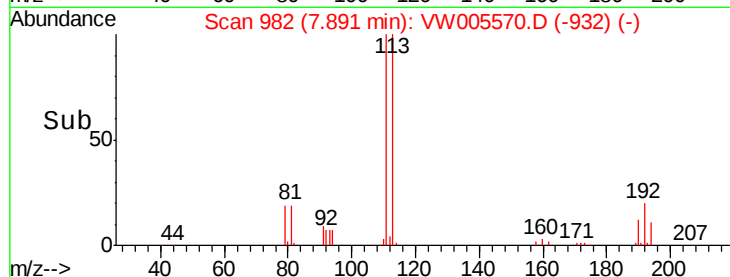
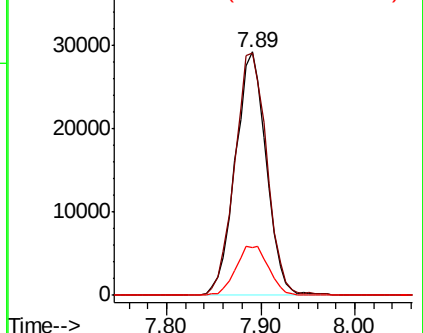
192 21.5 17.0 25.4



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: 38.398 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005570.D

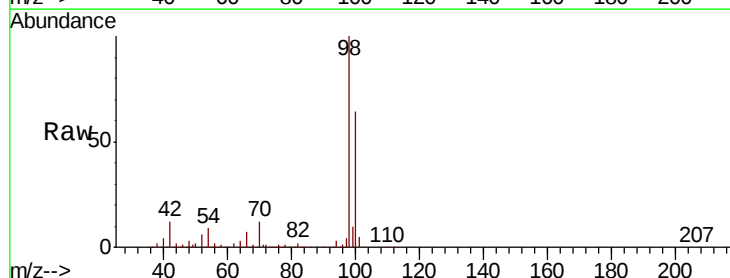
Acq: 21 Sep 2018 19:32

Tgt Ion: 98 Resp: 217772

Ion Ratio Lower Upper

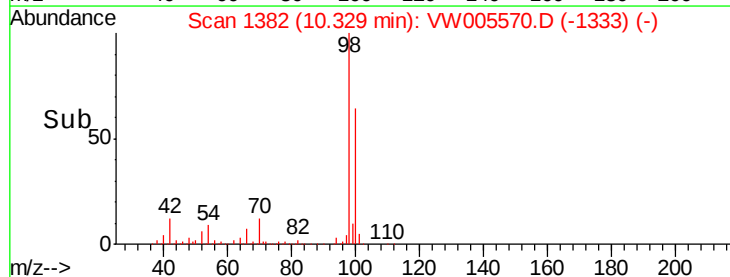
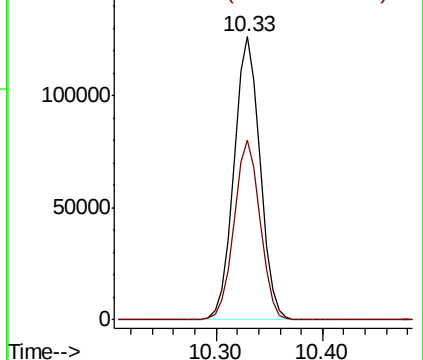
98 100

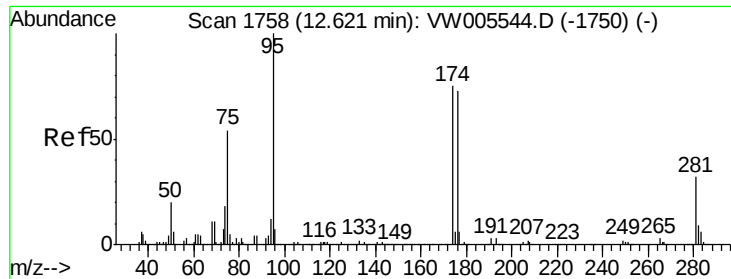
100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

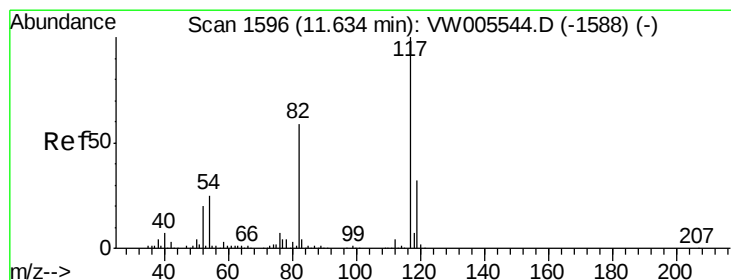
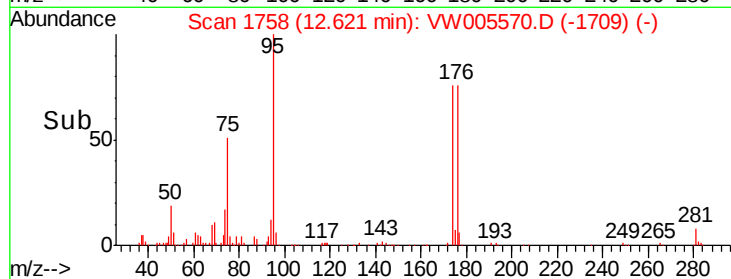
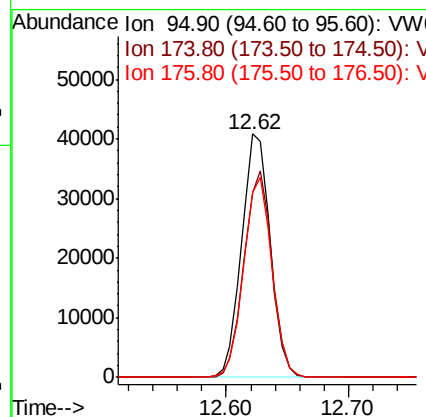
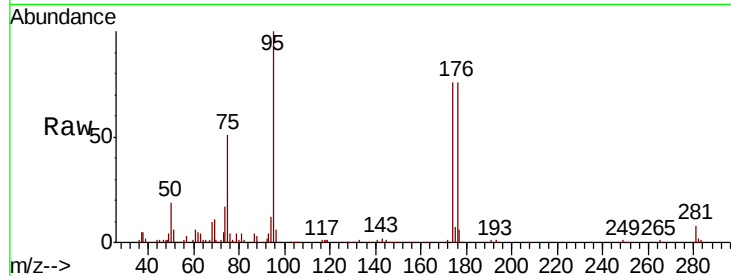




#62
4-Bromofluorobenzene
Concen: 31.391 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005570.D
Acq: 21 Sep 2018 19:32

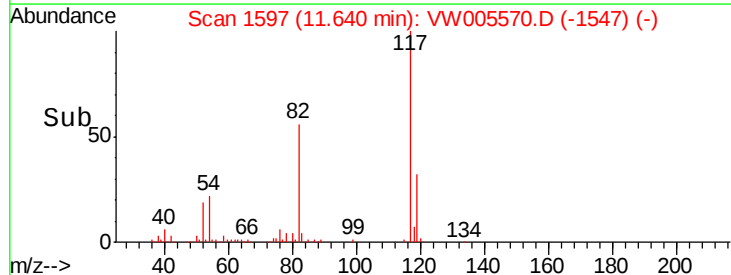
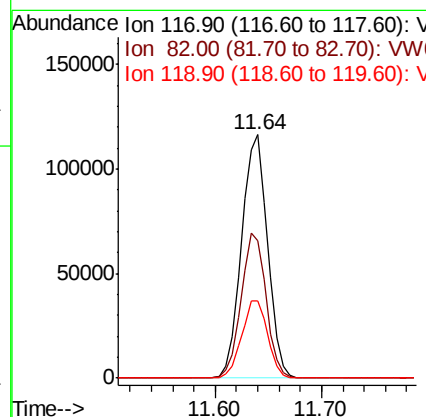
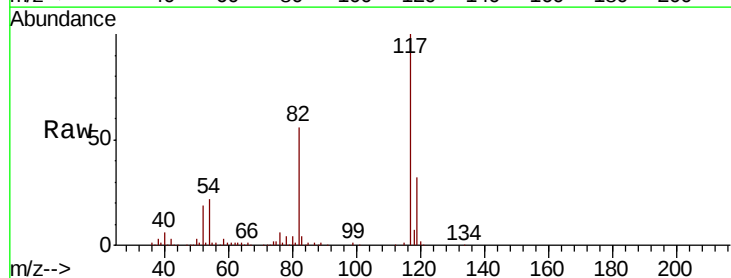
Instrument :
MSVOA_W
ClientSampleId :
PL-02-0920-18-A

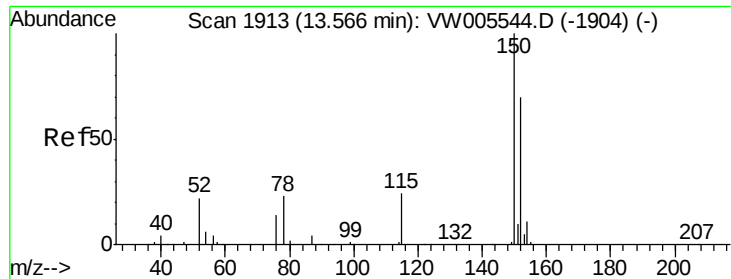
Tot Ion: 95 Resp: 65877
Ion Ratio Lower Upper
95 100
174 83.5 0.0 163.8
176 81.1 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005570.D
Acq: 21 Sep 2018 19:32

Tgt Ion: 117 Resp: 199519
Ion Ratio Lower Upper
117 100
82 56.4 46.9 70.3
119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005570.D

Acq: 21 Sep 2018 19:32

Instrument :

MSVOA_W

ClientSampleId :

PL-02-0920-18-A

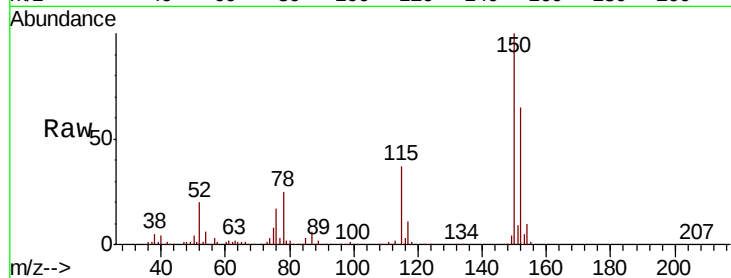
Tot Ion:152 Resp: 73576

Ion Ratio Lower Upper

152 100

115 57.3 30.0 90.0

150 153.7 0.0 348.6



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

