

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005696.D
 Acq On : 27 Sep 2018 13:34
 Operator : VA/AP
 Sample : J5077-06
 Misc : 5.29G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PARCEL-193-092418-2

Quant Time: Sep 28 01:54:30 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	207041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	323651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114303	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	133562	54.76	ug/l	0.00
Spiked Amount						
			Recovery	=	109.52%	
35) Dibromofluoromethane	7.89	113	109500	53.80	ug/l	0.00
Spiked Amount						
			Recovery	=	107.60%	
50) Toluene-d8	10.33	98	413454	49.89	ug/l	0.00
Spiked Amount						
			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.63	95	125413	40.90	ug/l	0.00
Spiked Amount						
			Recovery	=	81.80%	

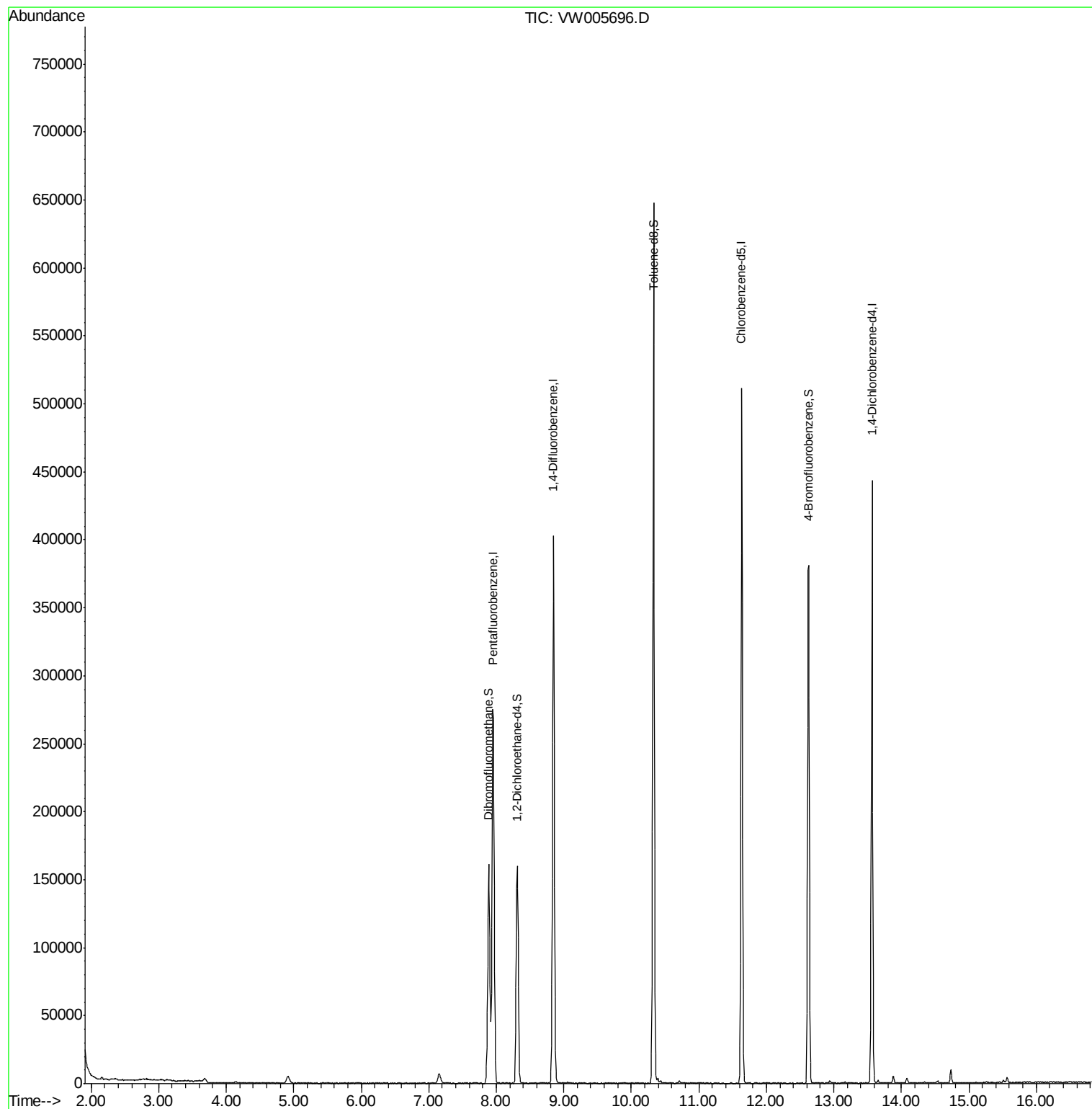
Target Compounds	Qvalue
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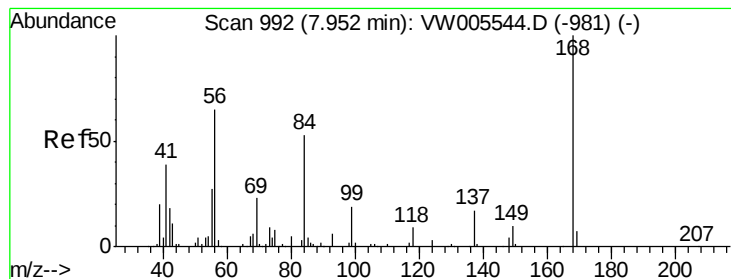
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005696.D

Acq: 27 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

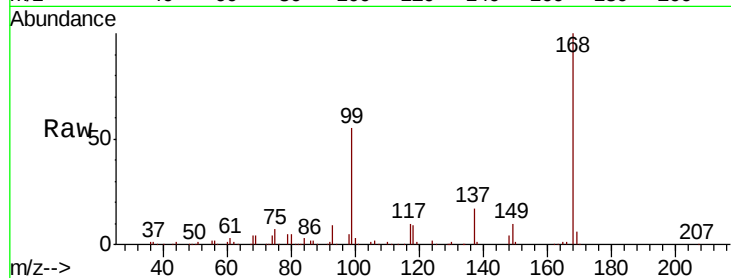
PARCEL-193-092418-2

Tot Ion:168 Resp: 207041

Ion Ratio Lower Upper

168 100

99 55.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

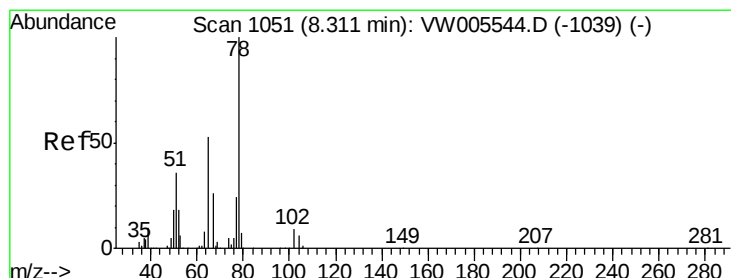
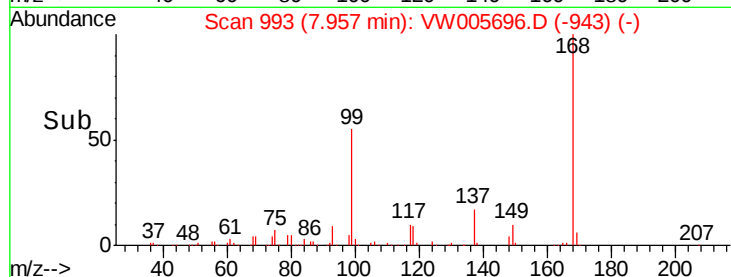
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.759 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005696.D

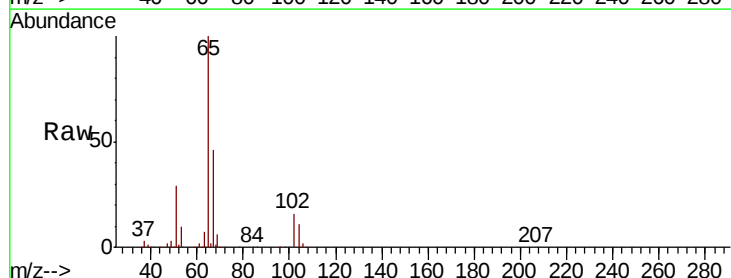
Acq: 27 Sep 2018 13:34

Tgt Ion: 65 Resp: 133562

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

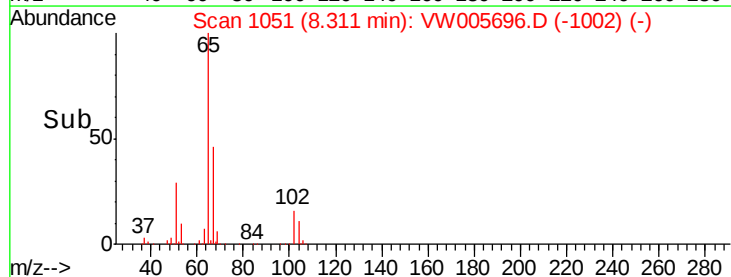
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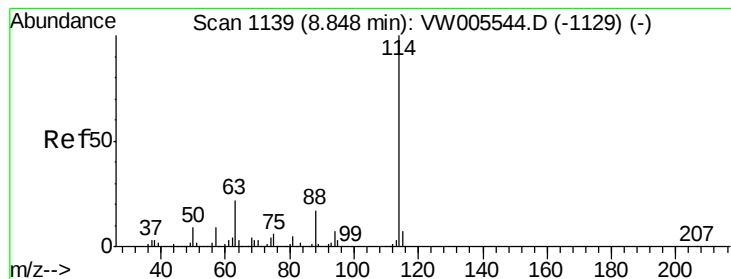
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

PARCEL-193-092418-2

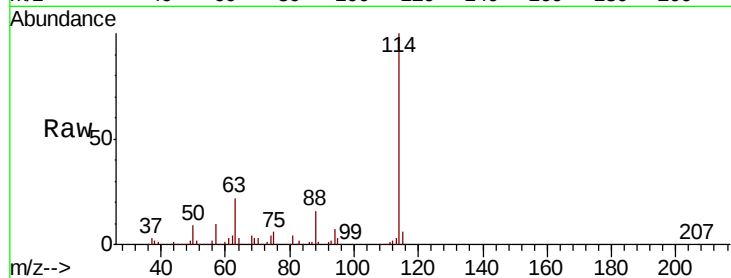
Tot Ion:114 Resp: 323651

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.0

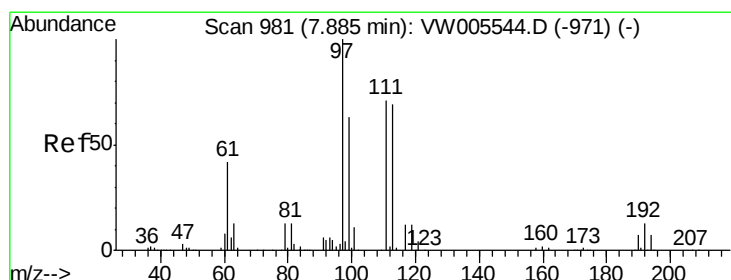
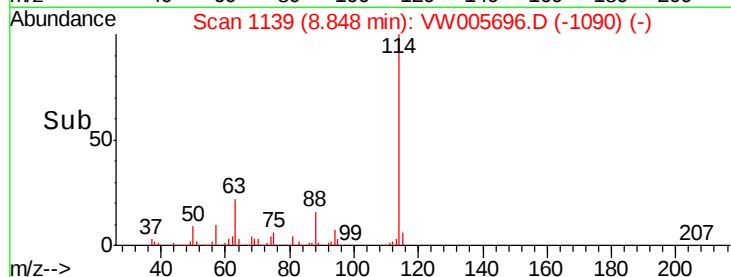
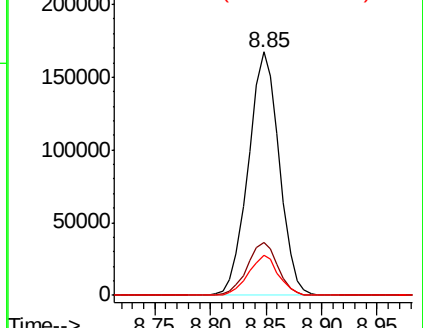
88 16.3 0.0 33.0



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: 53.800 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

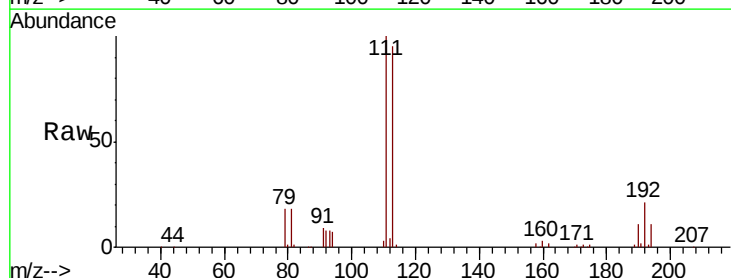
Tgt Ion:113 Resp: 109500

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

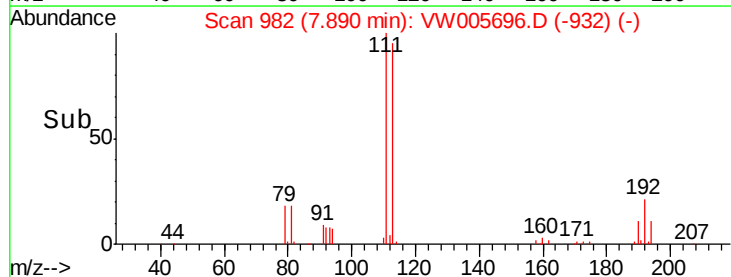
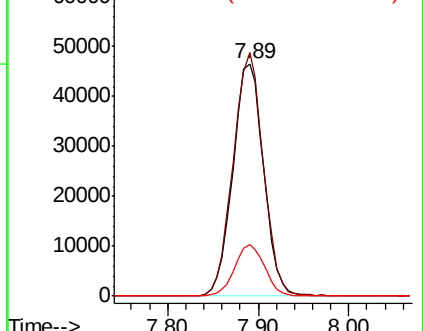
192 21.8 17.0 25.4

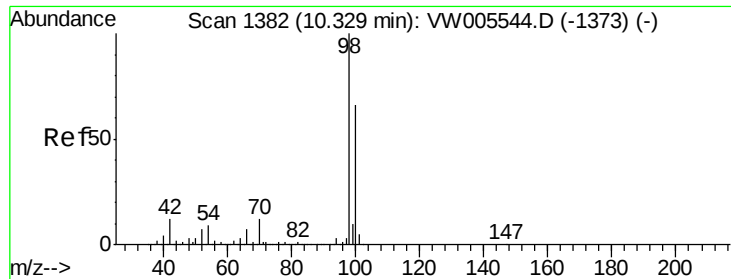


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.890 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

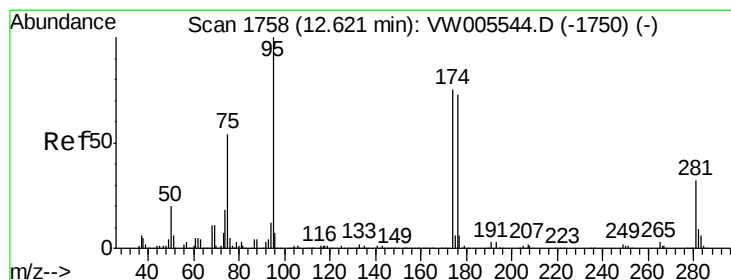
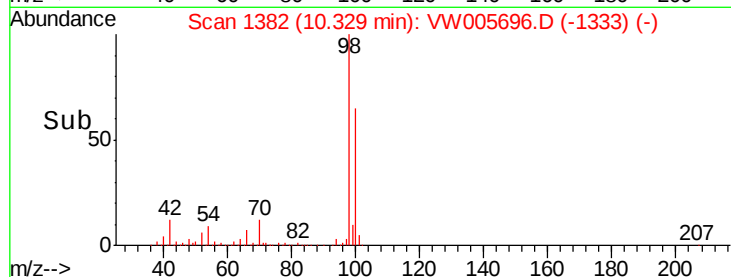
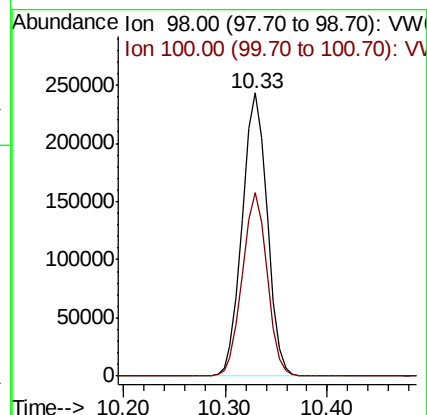
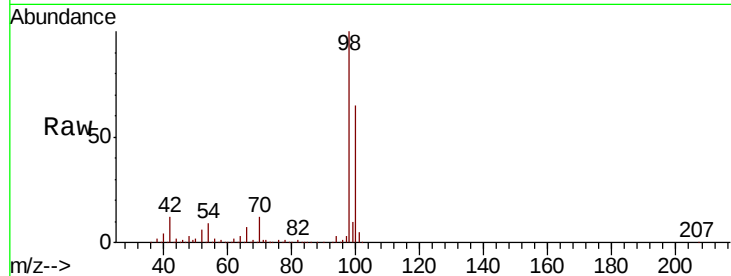
PARCEL-193-092418-2

Tot Ion: 98 Resp: 413454

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 40.897 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005696.D

Acq: 27 Sep 2018 13:34

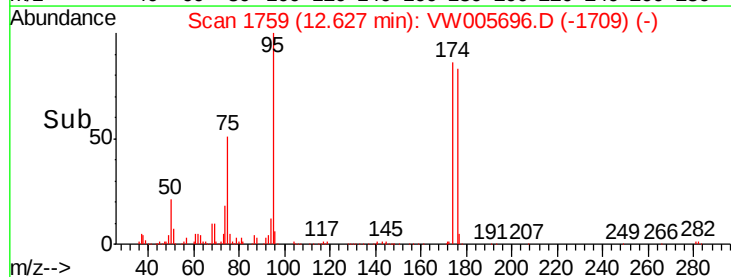
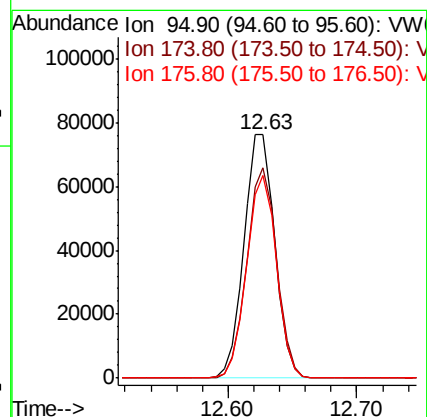
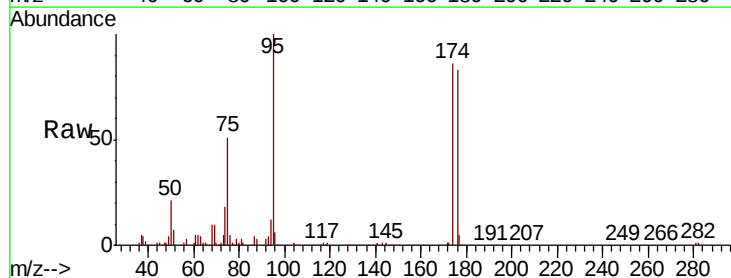
Tgt Ion: 95 Resp: 125413

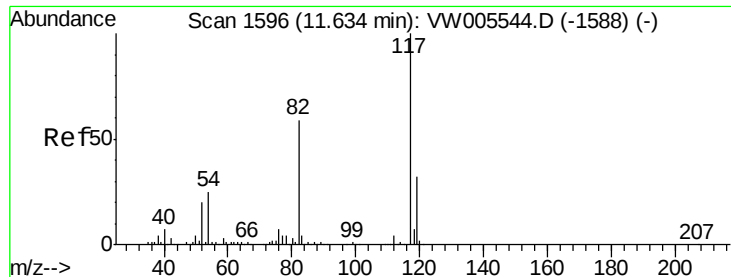
Ion Ratio Lower Upper

95 100

174 83.7 0.0 163.8

176 80.5 0.0 158.0

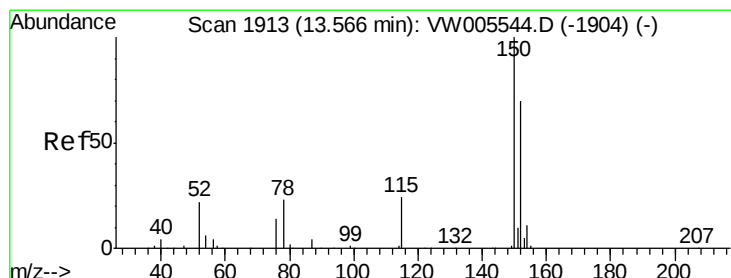
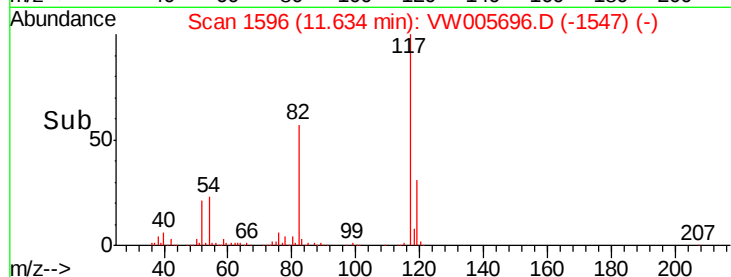
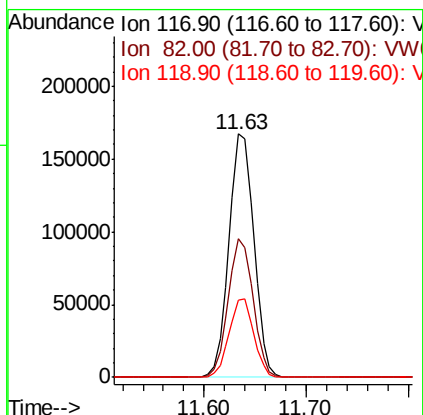
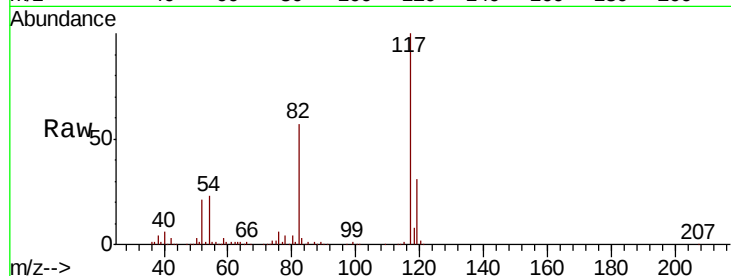




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005696.D
Acq: 27 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
PARCEL-193-092418-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.9	70.3
119	31.5	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: VW005696.D
Acq: 27 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.0	90.0
150	157.4	0.0	348.6

