

Data File : VW006637.D
Acq On : 05 Nov 2018 15:41
Operator : SY/AP
Sample : J5696-01
Misc : 4.89G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01

Quant Time: Nov 06 02:33:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	295251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	190601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75091	43.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.78%	
35) Dibromofluoromethane	7.89	113	83316	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
50) Toluene-d8	10.33	98	211258	29.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.90%	
62) 4-Bromofluorobenzene	12.62	95	53985	21.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.22%	

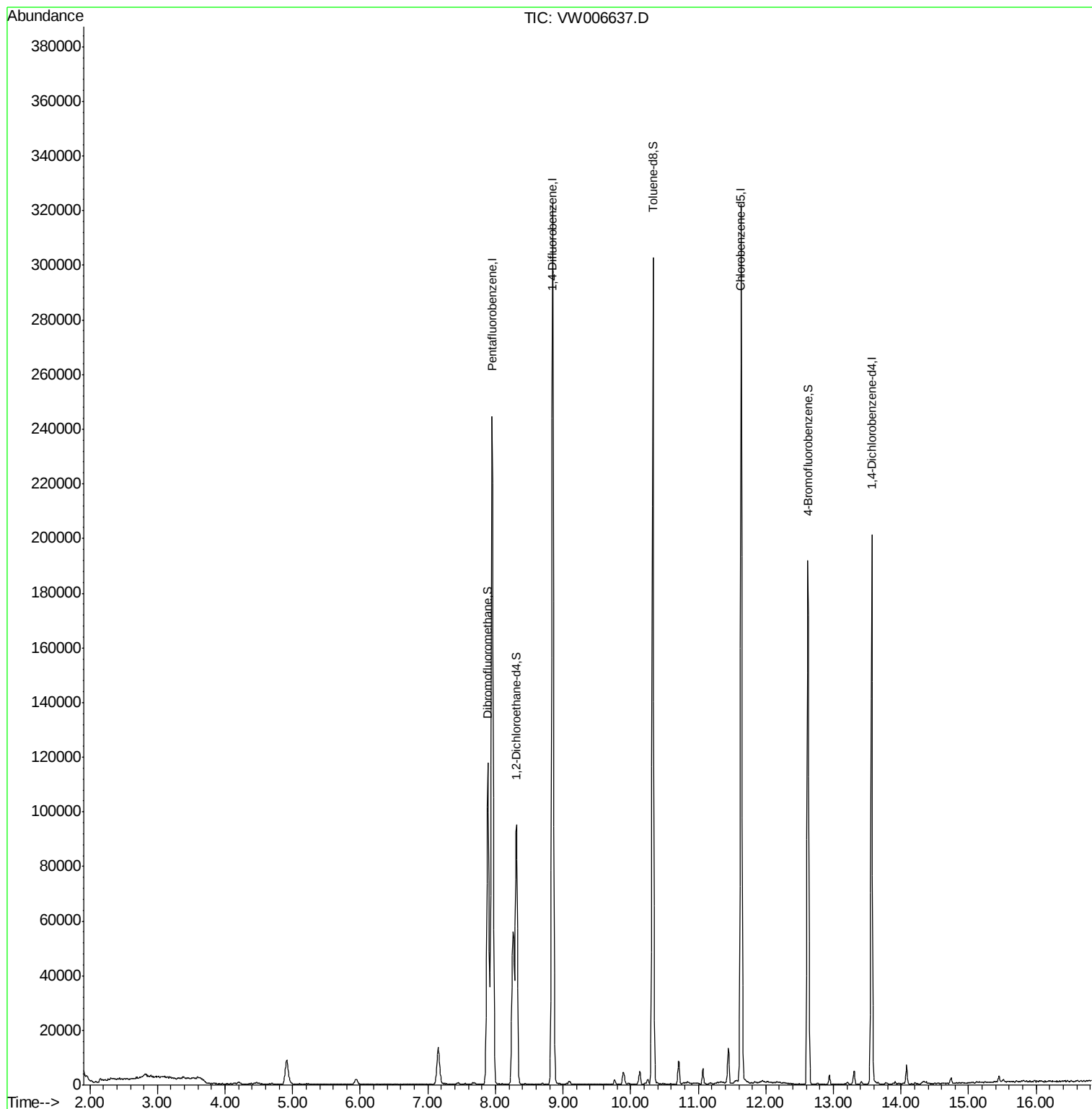
Target Compounds	Qvalue
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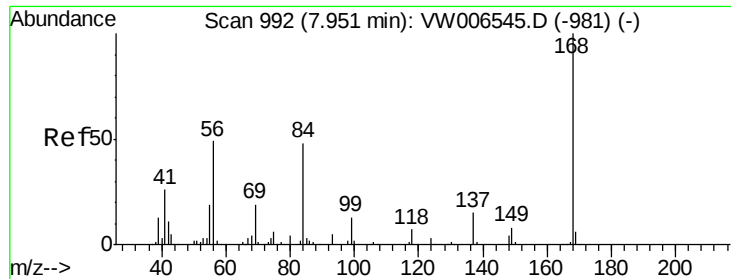
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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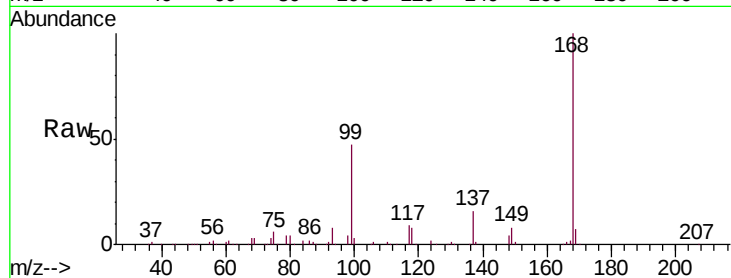
DL-SED-01

Tgt Ion:168 Resp: 201315

Ion Ratio Lower Upper

168 100

99 47.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

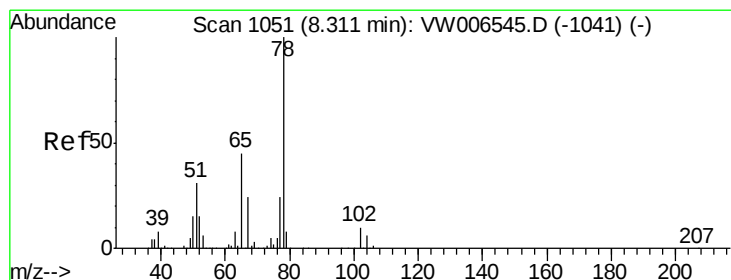
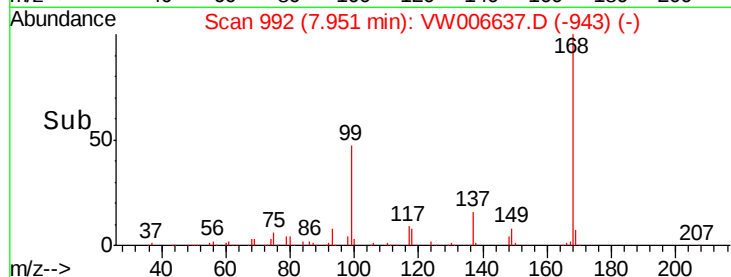
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.393 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006637.D

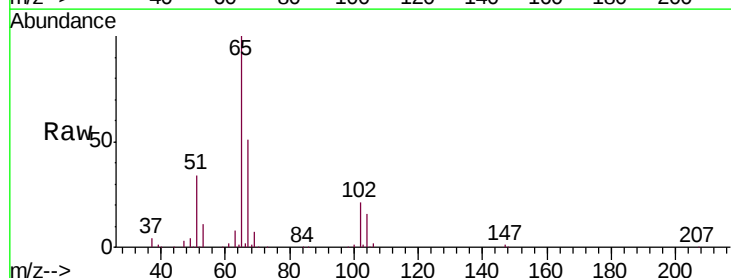
Acq: 05 Nov 2018 15:41

Tgt Ion: 65 Resp: 75091

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

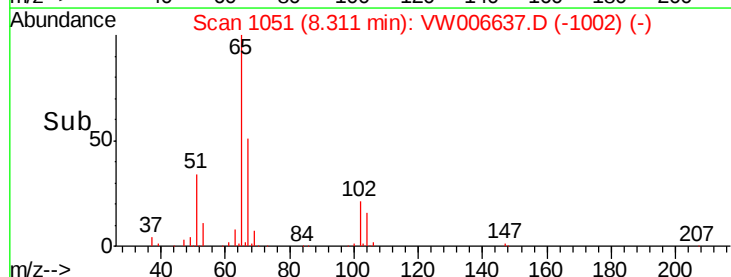
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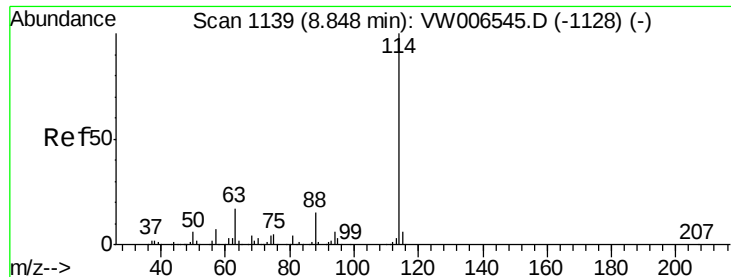
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10000

0

Time-->

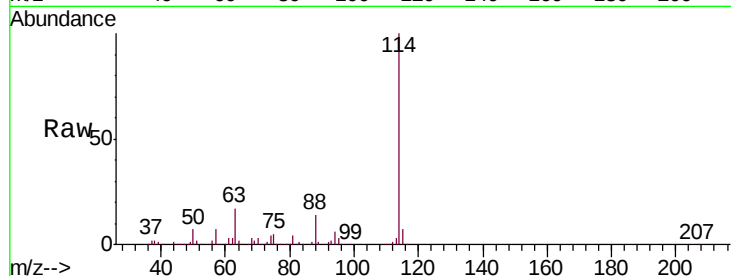




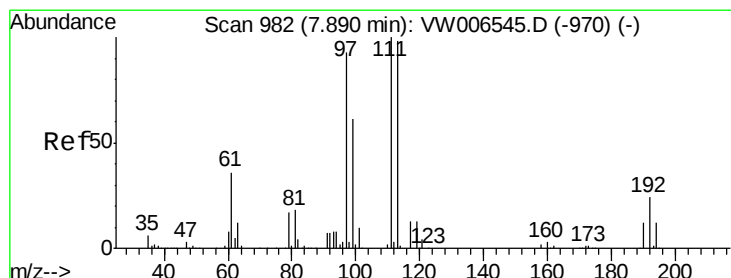
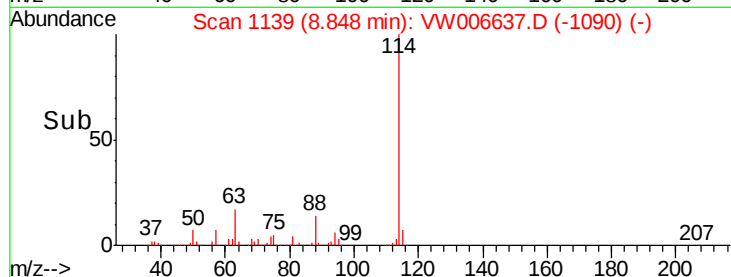
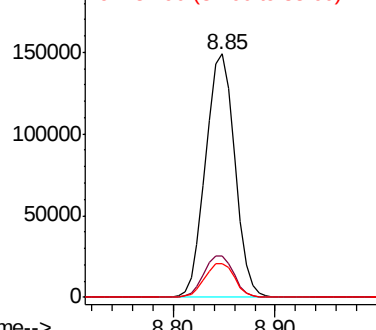
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006637.D
 Acq: 05 Nov 2018 15:41

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.4
88	14.1	0.0	29.0

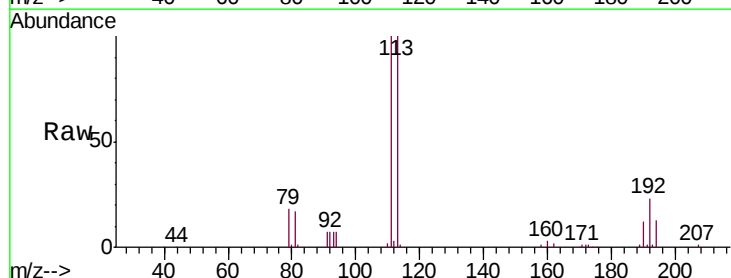


Abundance Ion 113.90 (113.60 to 114.60): V
 200000
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

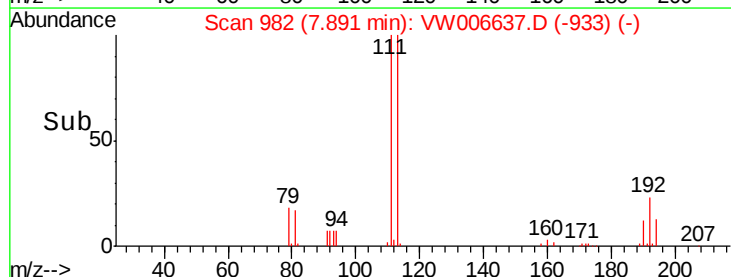
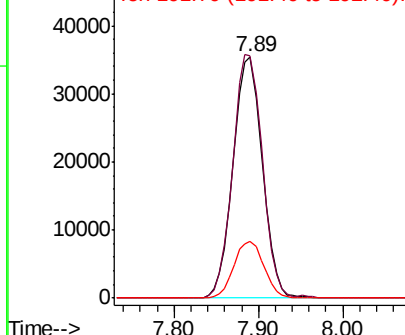


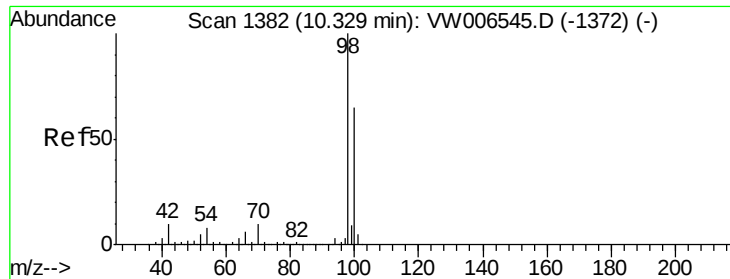
#35
 Dibromofluoromethane
 Concen: 44.964 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006637.D
 Acq: 05 Nov 2018 15:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	23.9	19.0	28.6



Abundance Ion 112.80 (112.50 to 113.50): V
 50000
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 29.950 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006637.D

Acq: 05 Nov 2018 15:41

Instrument :

MSVOA_W

ClientSampleId :

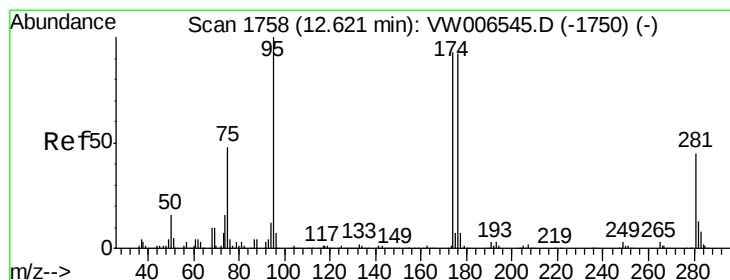
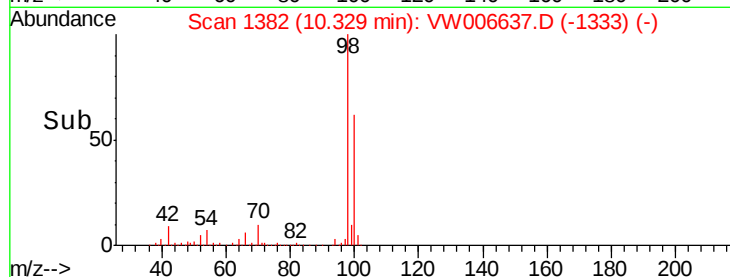
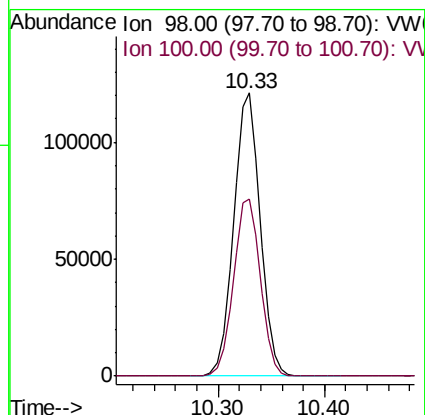
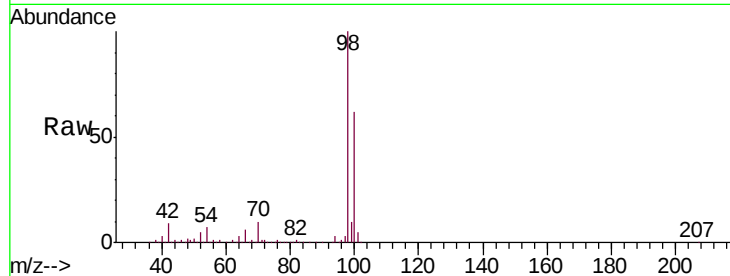
DL-SED-01

Tgt Ion: 98 Resp: 211258

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 21.110 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006637.D

Acq: 05 Nov 2018 15:41

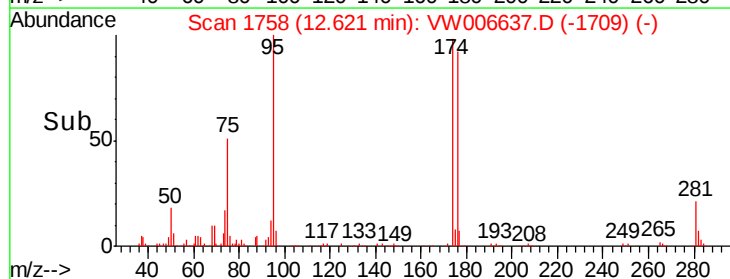
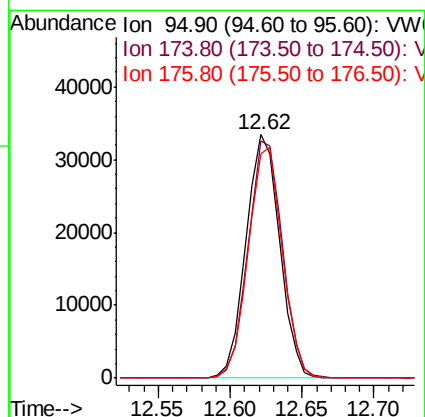
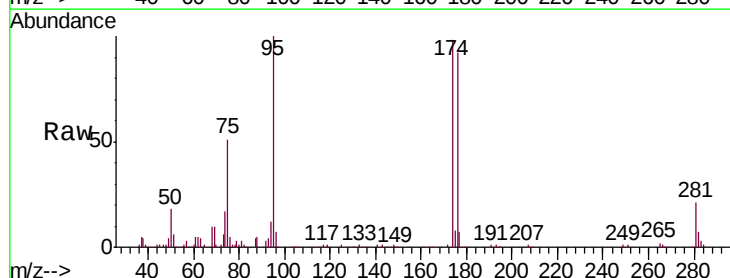
Tgt Ion: 95 Resp: 53985

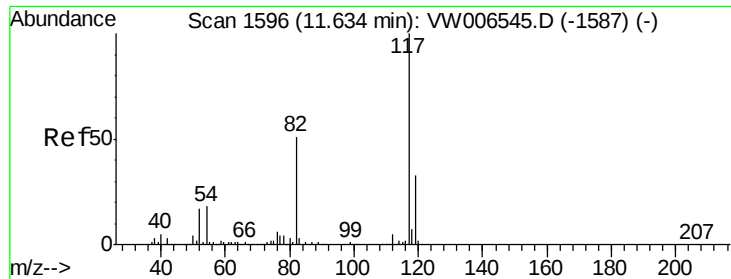
Ion Ratio Lower Upper

95 100

174 98.8 0.0 192.4

176 95.6 0.0 187.4

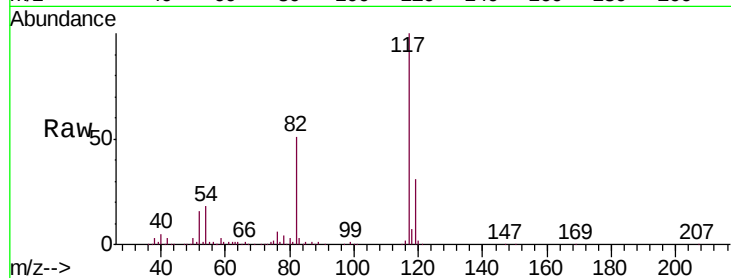




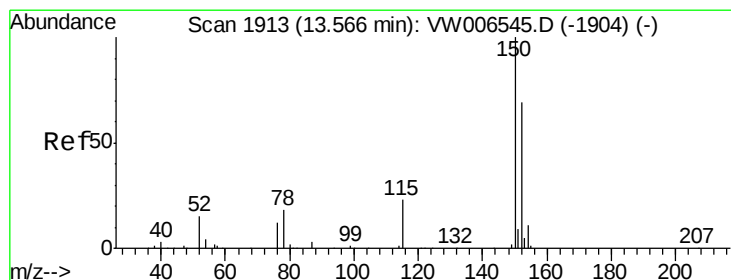
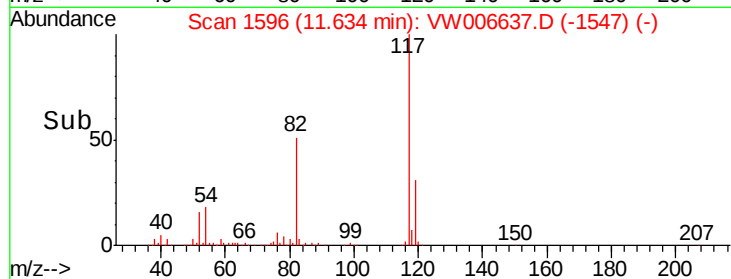
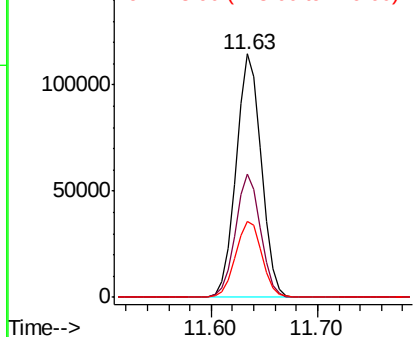
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006637.D
Acq: 05 Nov 2018 15:41

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.8	61.2
119	31.0	26.1	39.1

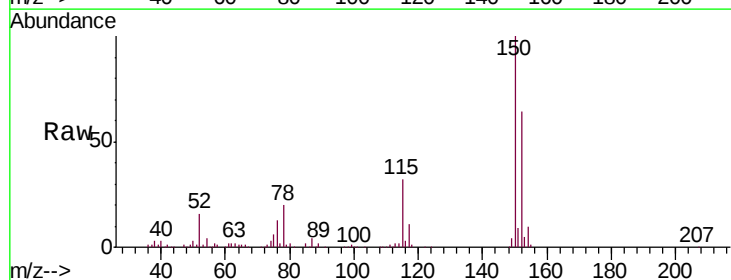


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006637.D
Acq: 05 Nov 2018 15:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.1	26.6	79.8
150	156.7	0.0	344.6



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

