

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006637.D
 Acq On : 05 Nov 2018 15:41
 Operator : SY/AP
 Sample : J5696-01
 Misc : 5.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01

Quant Time: Nov 06 02:15:37 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

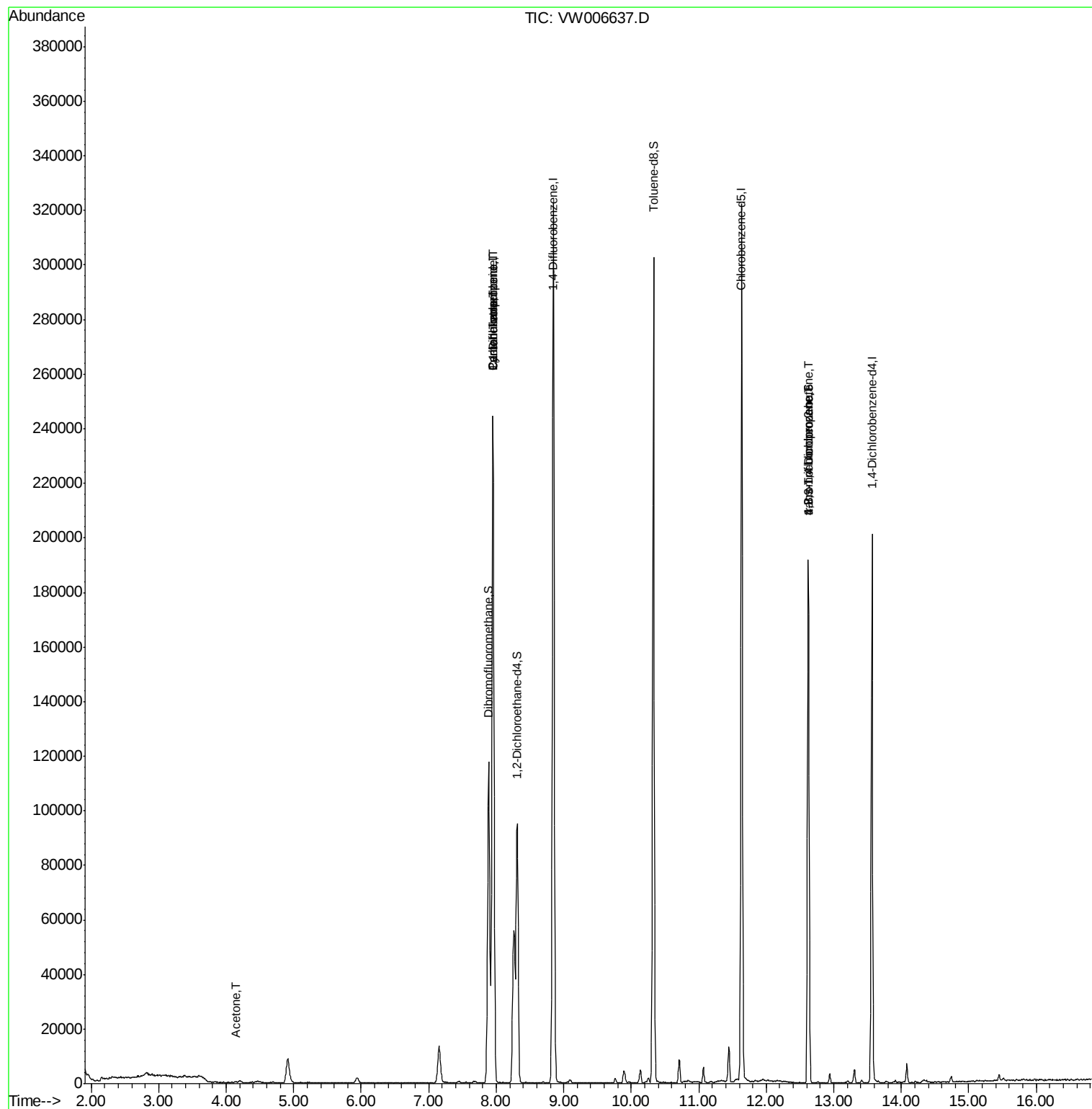
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	295251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	190601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58873	50.00	ug/l	0.00
System Monitoring Compounds						
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						
16) Acetone	4.15	43	664	2.377	ug/l #	42
20) Methylene Chloride	4.92	84	7530	Below Cal		93
31) Cyclohexane	7.95	56	3340	1.212	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	12287	4.732	ug/l #	48
38) Carbon Tetrachloride	7.95	117	17581	6.480	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	26753	58.242	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	26753	145.464	ug/l #	11

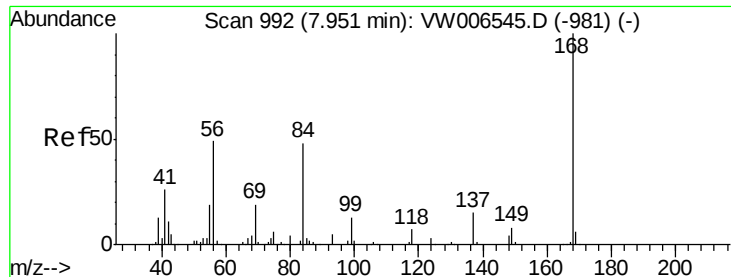
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006637.D

Acq: 05 Nov 2018 15:41

Instrument :

MSVOA_W

ClientSampled :

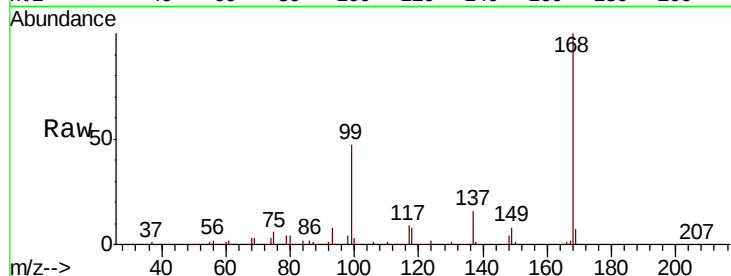
DL-SED-01

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

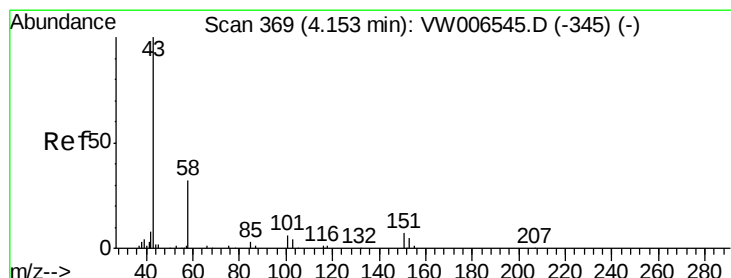
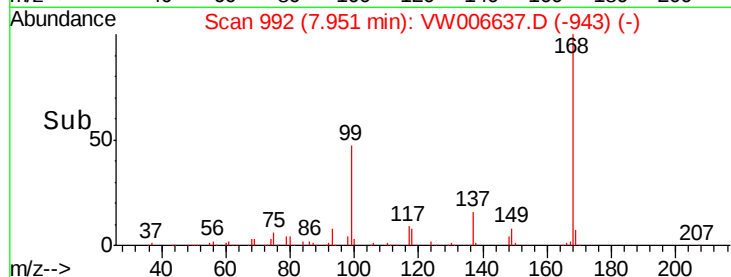
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.377 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006637.D

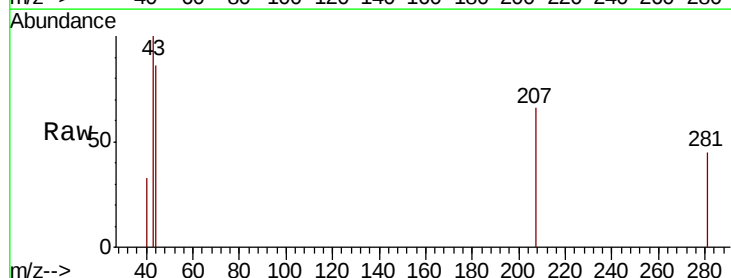
Acq: 05 Nov 2018 15:41

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

200

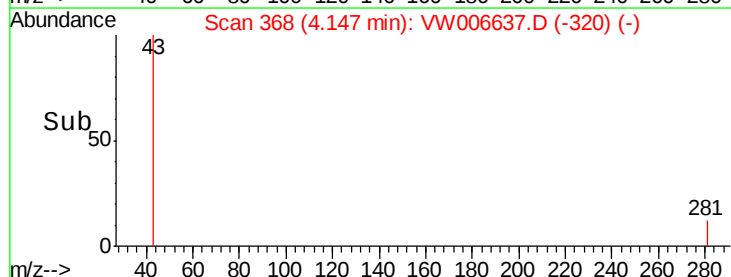
150

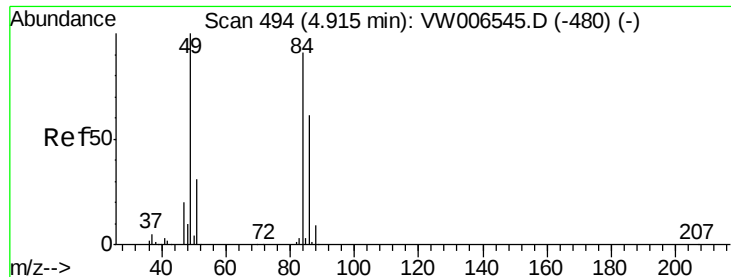
100

50

0

Time-->

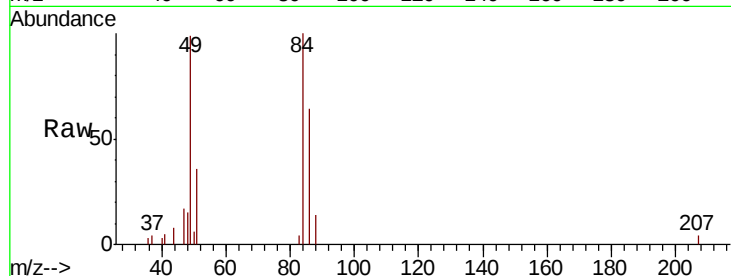




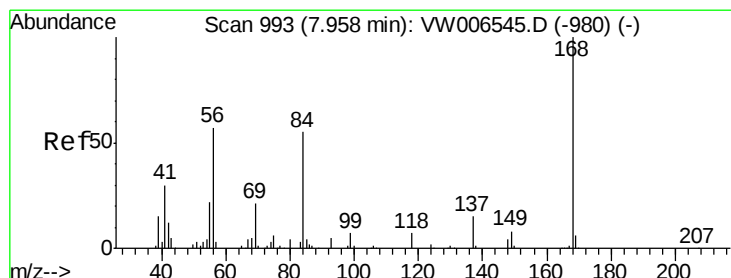
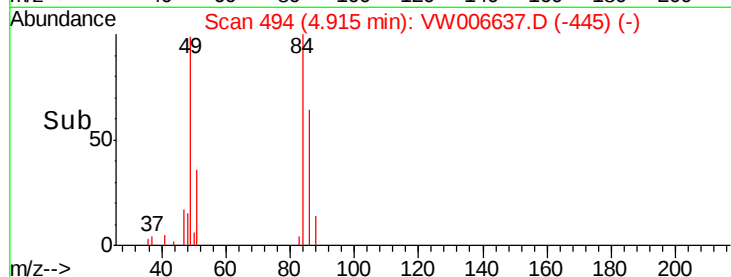
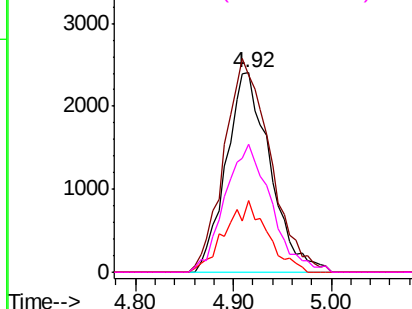
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006637.D
Acq: 05 Nov 2018 15:41

Instrument :
MSVOA_W
ClientSampleId :
DL-SED-01

Tgt Ion:	84	Resp:	7530
Ion	Ratio	Lower	Upper
84	100		
49	98.6	88.2	132.4
51	35.7	27.0	40.6
86	64.4	53.8	80.8

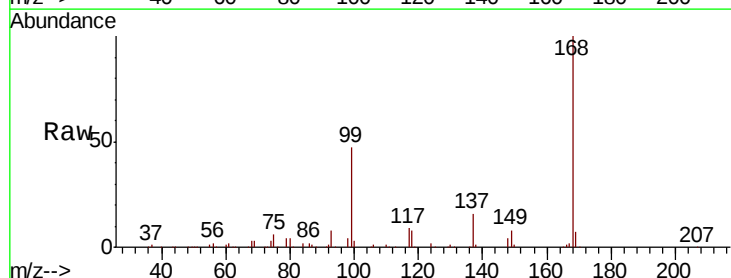


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

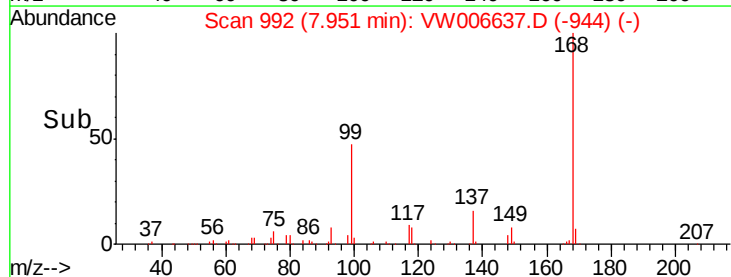
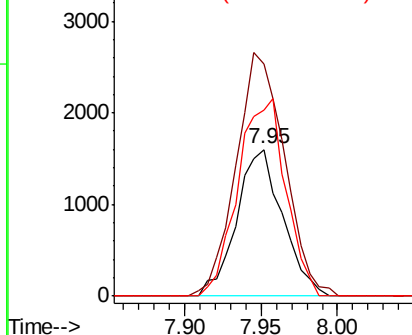


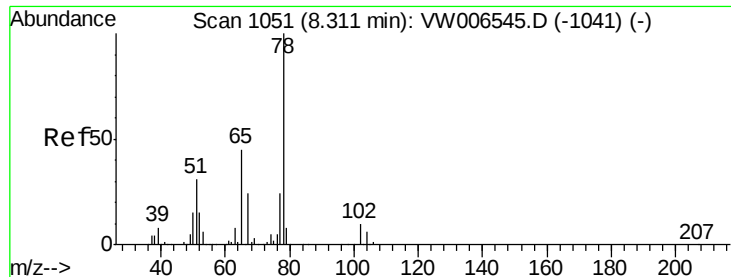
#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006637.D
Acq: 05 Nov 2018 15:41

Tgt Ion:	56	Resp:	3340
Ion	Ratio	Lower	Upper
56	100		
69	158.9	29.0	43.4#
84	127.4	77.8	116.6#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

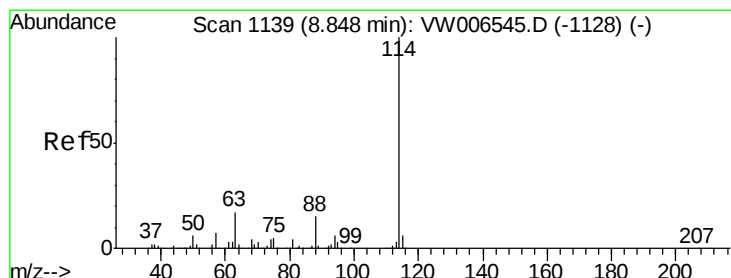
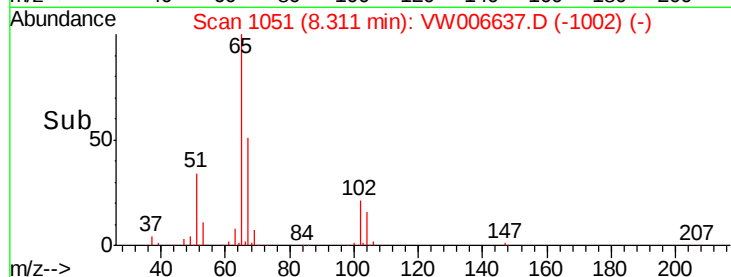
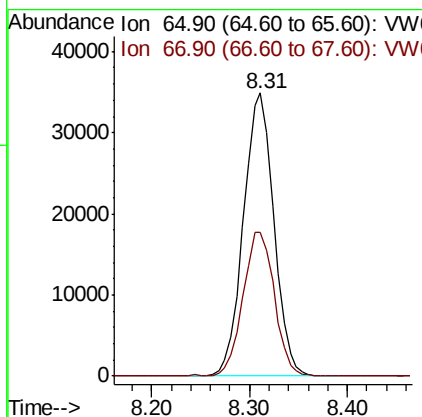
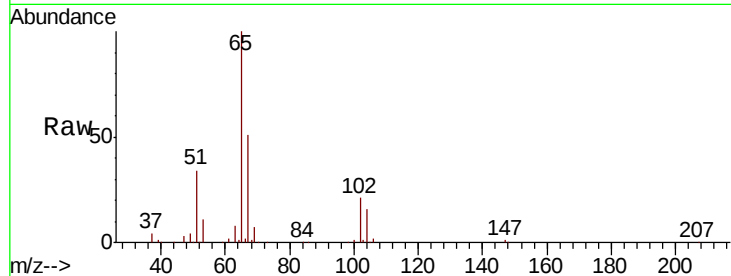




#33
 1,2-Dichloroethane-d4
 Concen: 43.393 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006637.D
 Acq: 05 Nov 2018 15:41

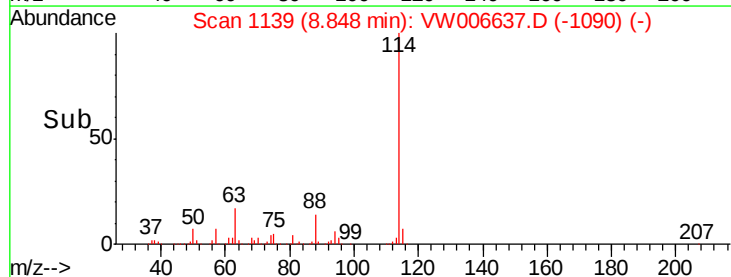
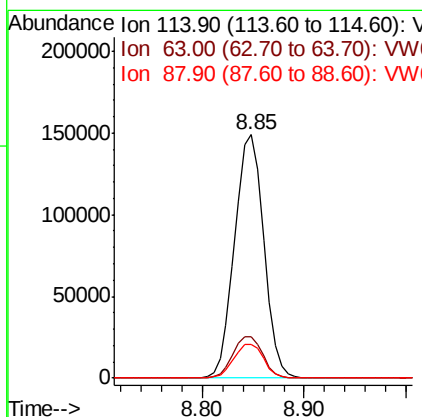
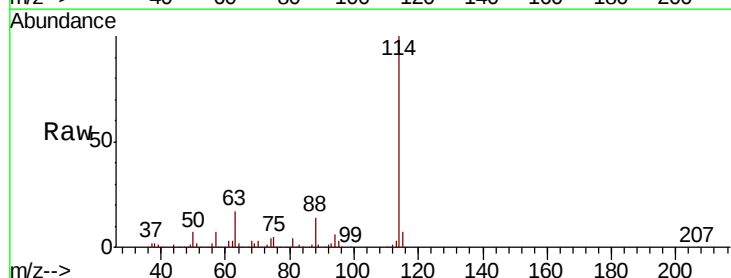
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01

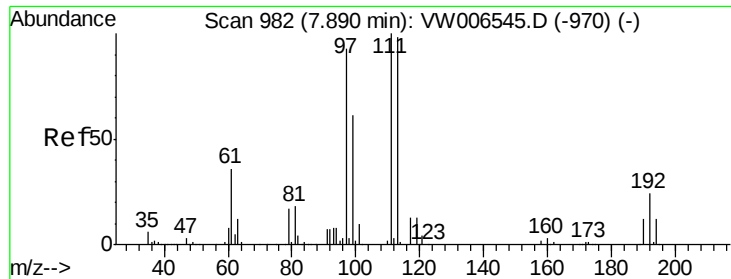
Tgt Ion: 65 Resp: 75091
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#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

Tgt Ion: 114 Resp: 295251
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.4
 88 14.1 0.0 29.0

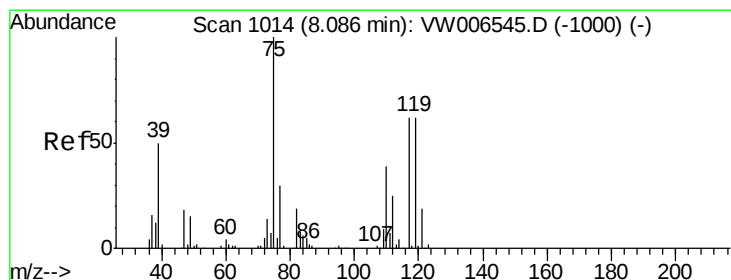
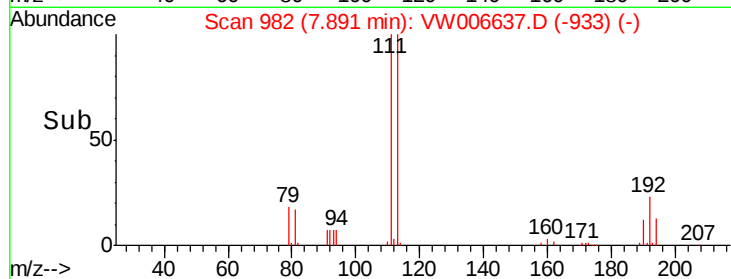
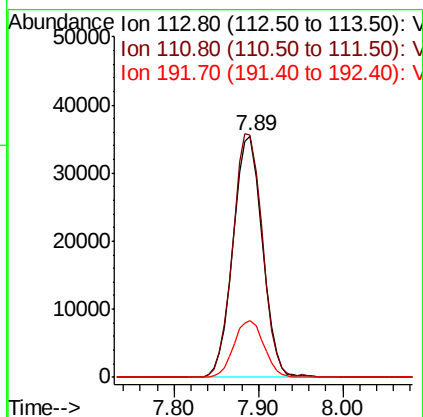
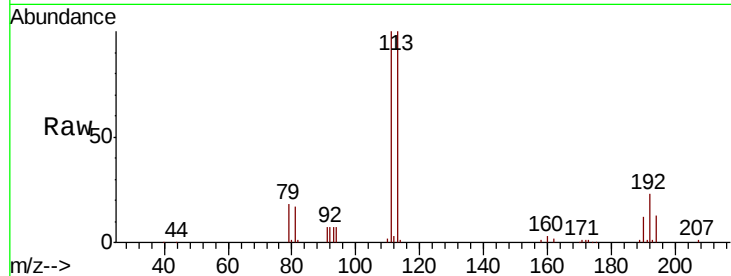




#35
 Dibromofluoromethane
 Concen: 44.964 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006637.D
 Acq: 05 Nov 2018 15:41

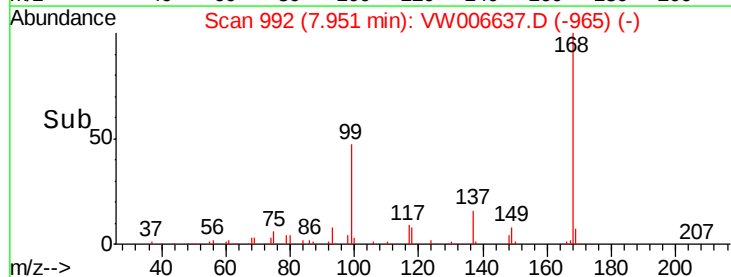
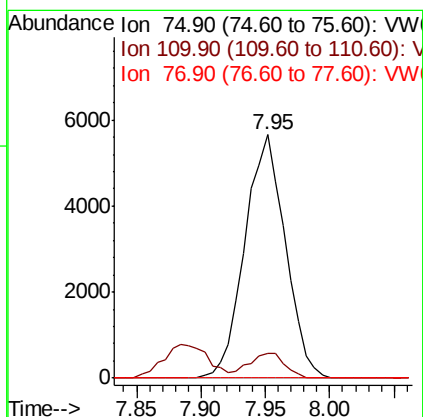
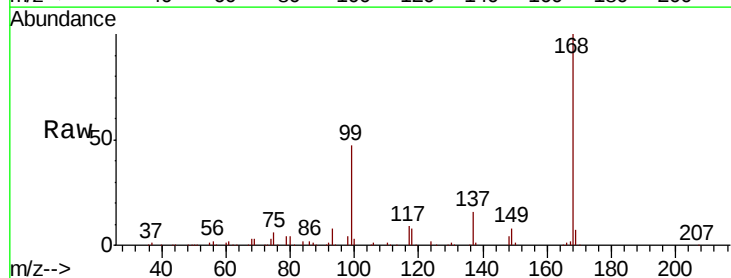
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-SED-01

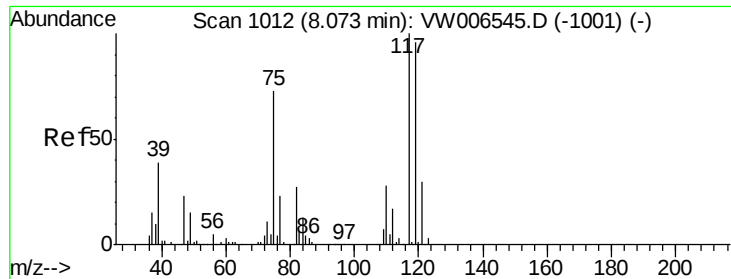
Tgt Ion: 113 Resp: 83316
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 23.9 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.732 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006637.D
 Acq: 05 Nov 2018 15:41

Tgt Ion: 75 Resp: 12287
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.0 24.6 37.0#

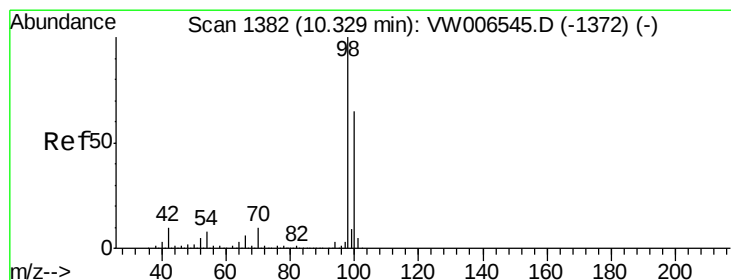
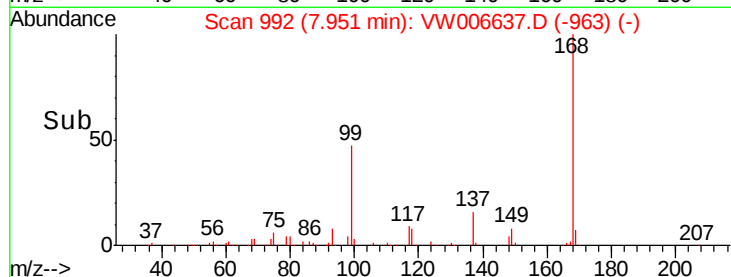
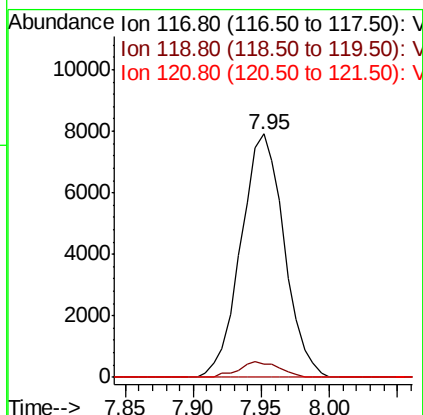
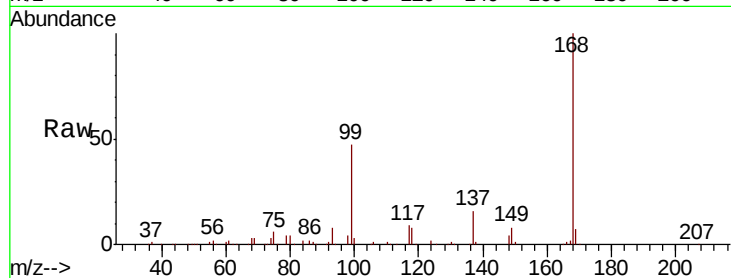




#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006637.D
Acq: 05 Nov 2018 15:41

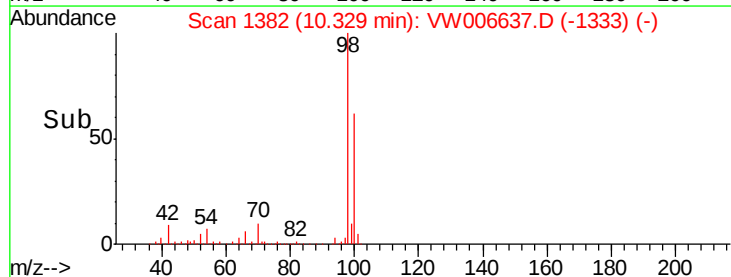
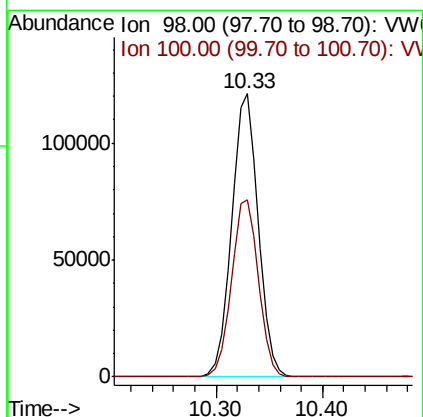
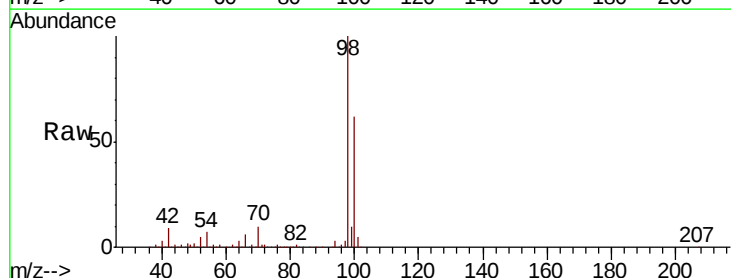
Instrument :
MSVOA_W
ClientSampled :
DL-SED-01

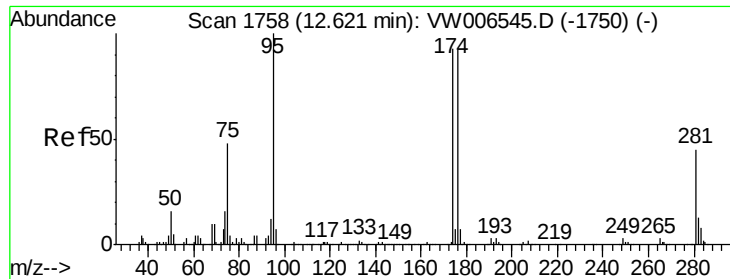
Tgt Ion:117 Resp: 17581
Ion Ratio Lower Upper
117 100
119 5.5 76.3 114.5#
121 0.0 24.1 36.1#



#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

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

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01

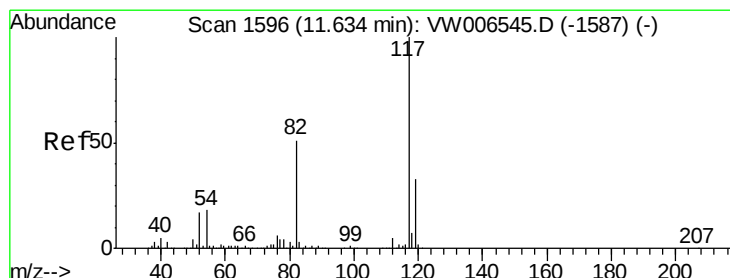
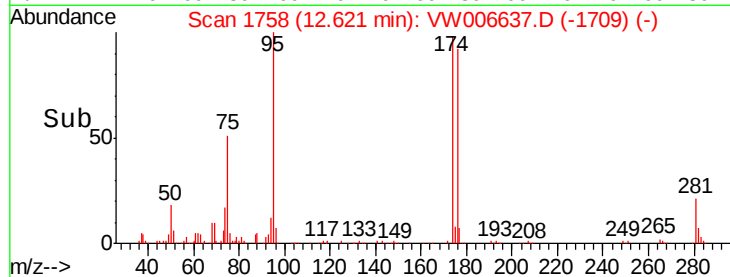
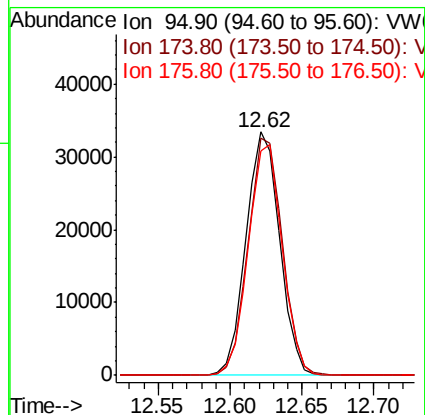
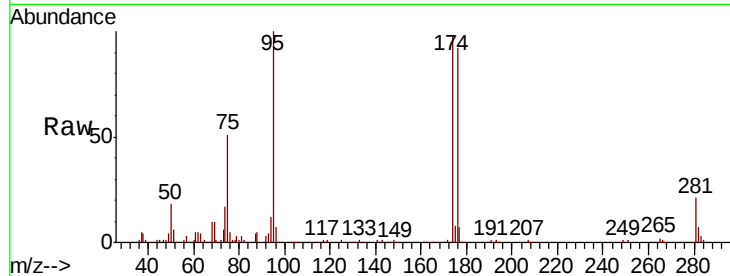
Tgt Ion: 95 Resp: 53985

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

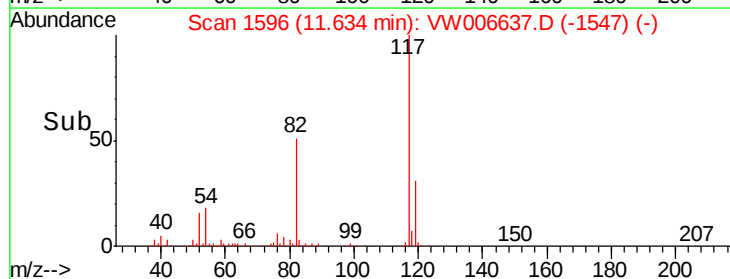
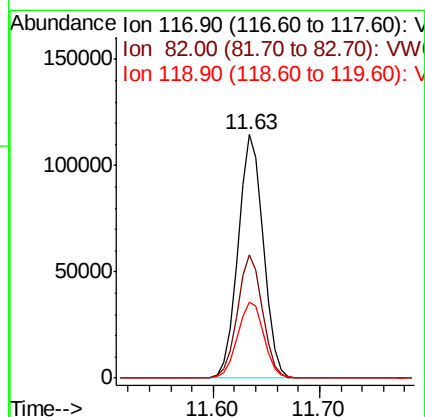
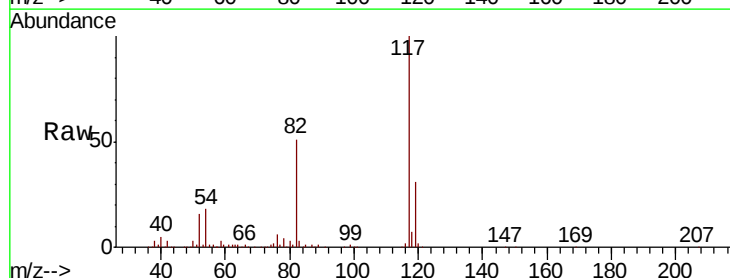
Tgt Ion: 117 Resp: 190601

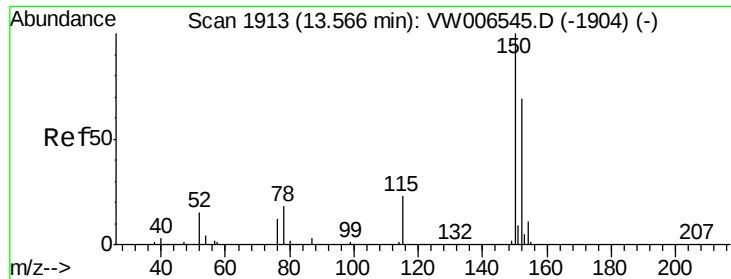
Ion Ratio Lower Upper

117 100

82 50.6 40.8 61.2

119 31.0 26.1 39.1





#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

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01

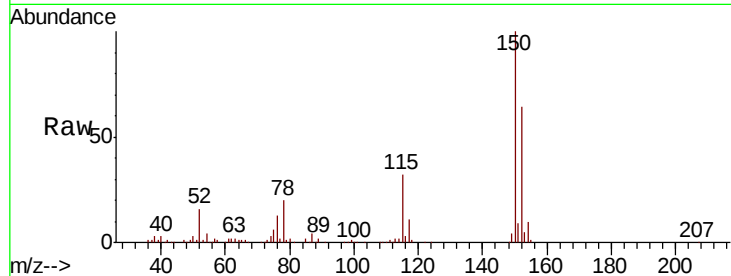
Tgt Ion:152 Resp: 58873

Ion Ratio Lower Upper

152 100

115 52.1 26.6 79.8

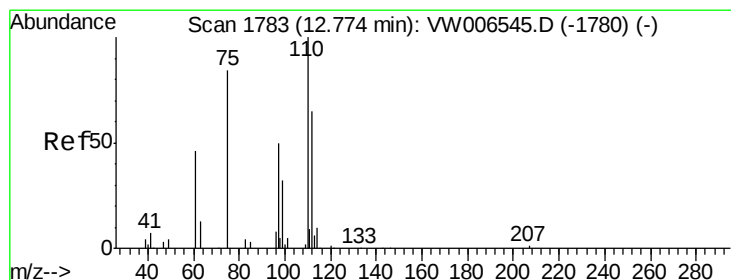
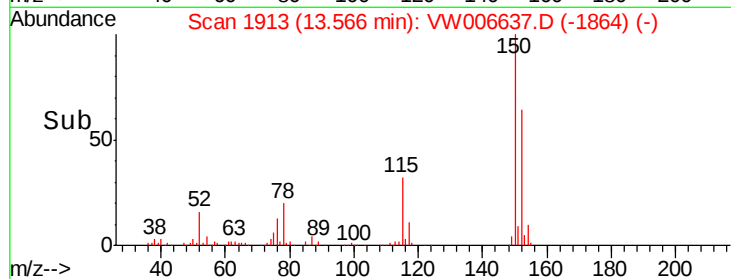
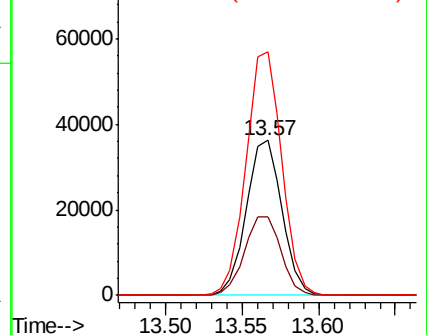
150 156.7 0.0 344.6



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



#76

1,2,3-Trichloropropane

Concen: 58.242 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006637.D

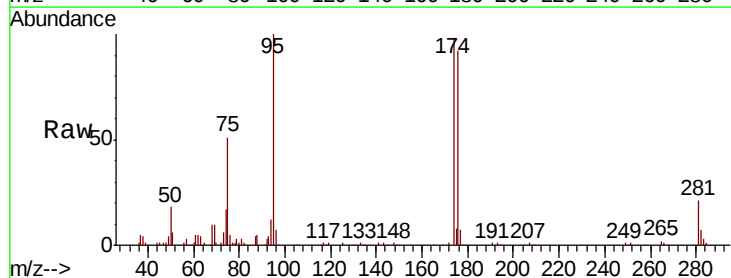
Acq: 05 Nov 2018 15:41

Tgt Ion: 75 Resp: 26753

Ion Ratio Lower Upper

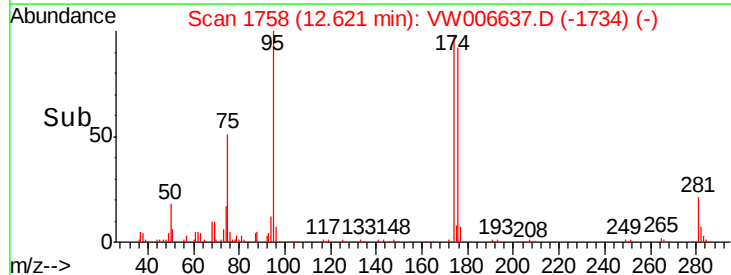
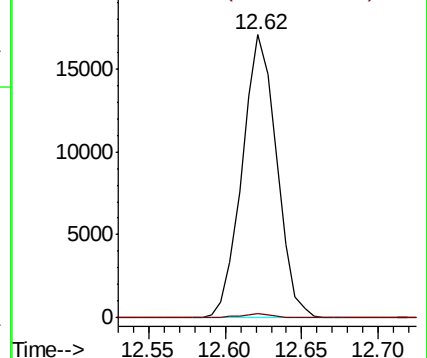
75 100

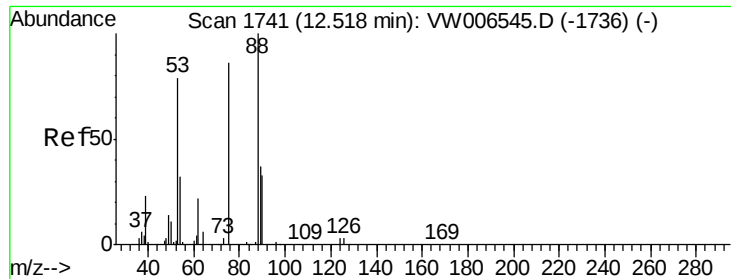
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 145.464 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006637.D

Acq: 05 Nov 2018 15:41

Instrument :

MSVOA_W

ClientSampleId :

DL-SED-01

Tgt Ion: 75 Resp: 26753

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

