

Data File : VW005920.D
Acq On : 09 Oct 2018 04:03
Operator : SY/AP
Sample : J5306-04
Misc : 5.79G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-13-V

Quant Time: Oct 09 06:17:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143069	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	70756	28.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.18%	
35) Dibromofluoromethane	7.88	113	73993	30.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.32%	
50) Toluene-d8	10.33	98	233883	25.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.38%	
62) 4-Bromofluorobenzene	12.62	95	86192	24.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.80%	

Target Compounds

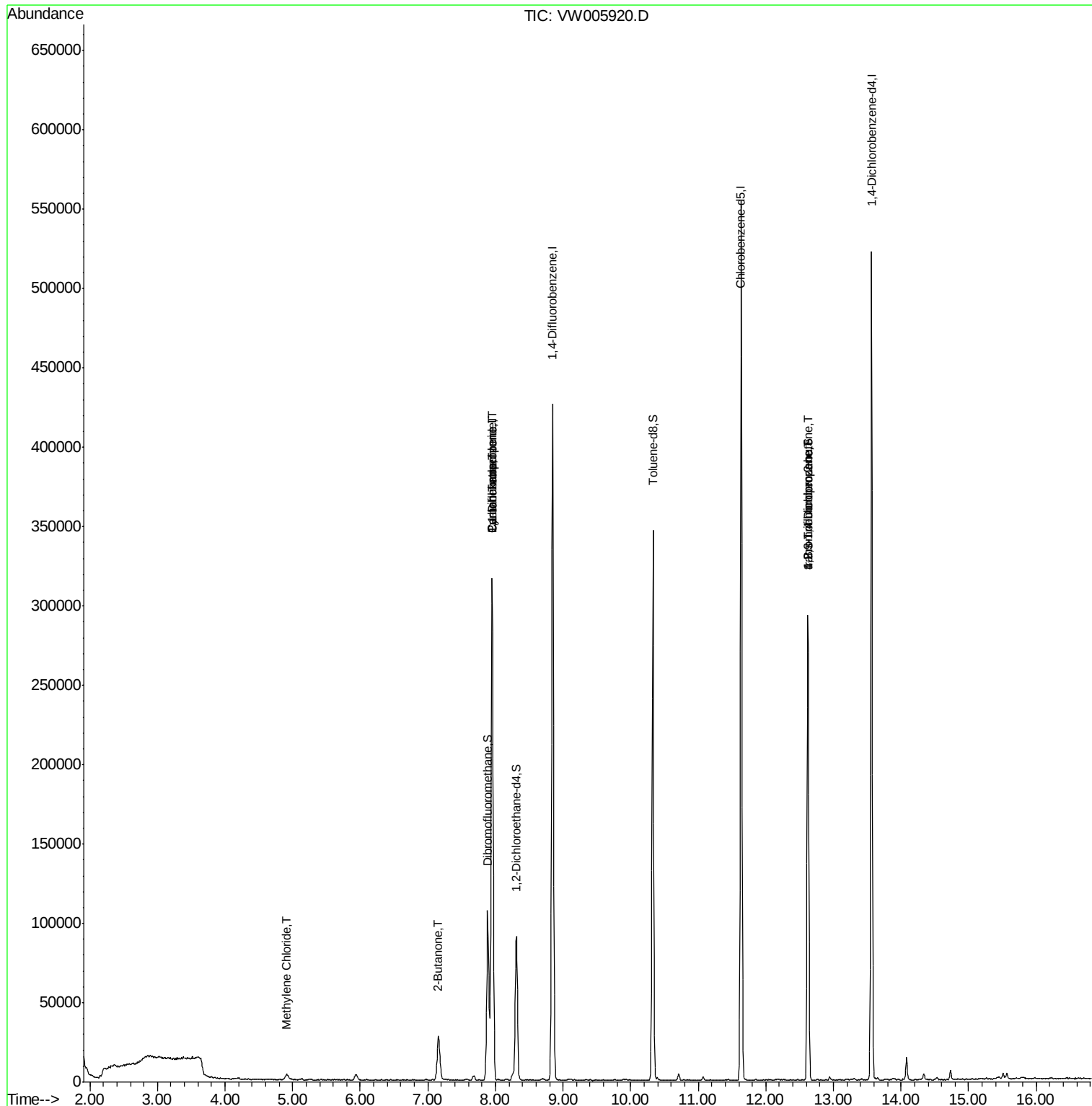
						Qvalue
20) Methylene Chloride	4.92	84	2808	1.134	ug/l	90
25) 2-Butanone	7.16	43	1584	2.253	ug/l #	49
31) Cyclohexane	7.95	56	4928	1.137	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	17005	4.694	ug/l #	50
38) Carbon Tetrachloride	7.95	117	23060	5.925	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	43972	34.407	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43972	72.637	ug/l #	11

(#) = 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

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampled :

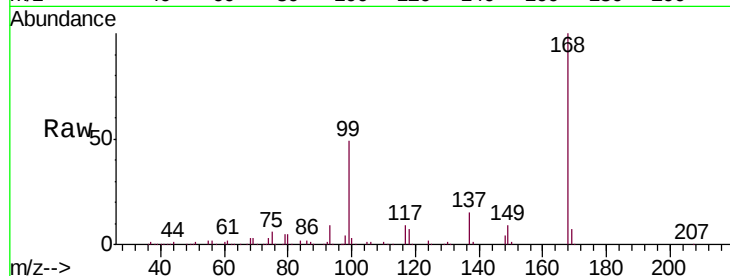
S-13-V

Tgt Ion:168 Resp: 254977

Ion Ratio Lower Upper

168 100

99 48.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

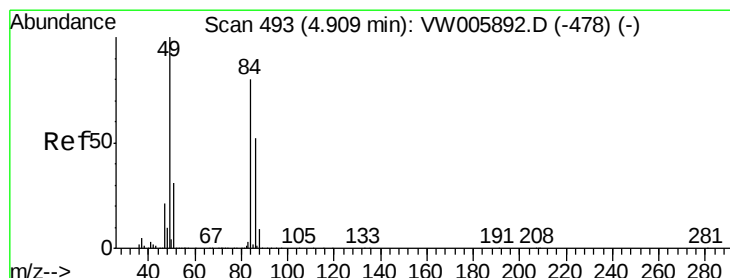
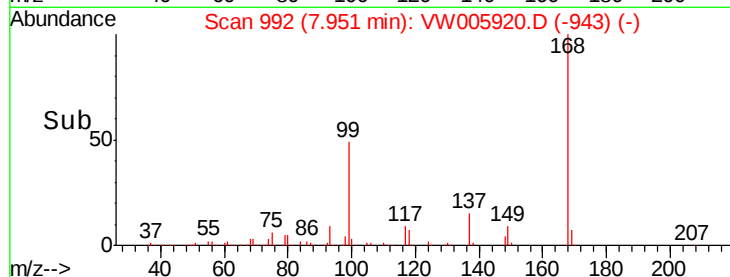
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.134 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Tgt Ion: 84 Resp: 2808

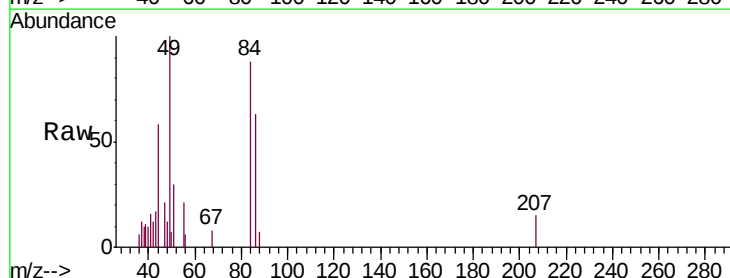
Ion Ratio Lower Upper

84 100

49 113.1 99.9 149.9

51 33.4 31.1 46.7

86 71.6 51.8 77.6



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

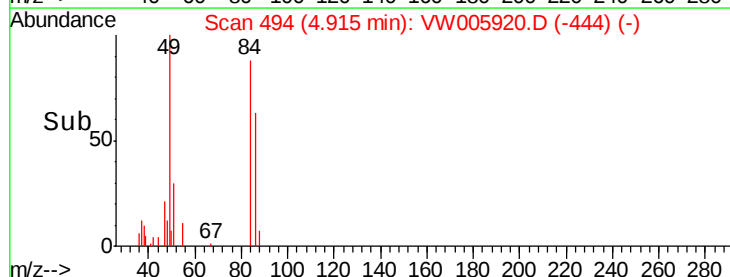
1500

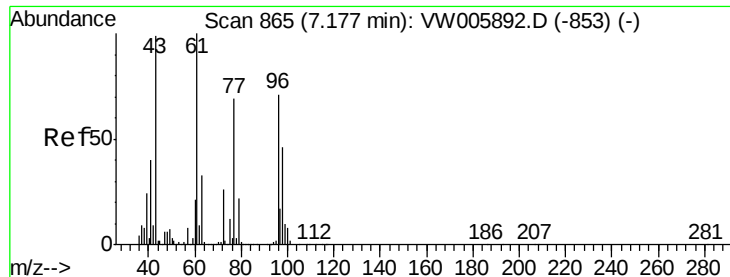
1000

500

0

Time-->





#25

2-Butanone

Concen: 2.253 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

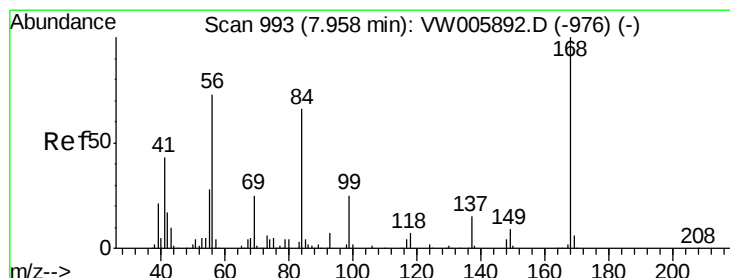
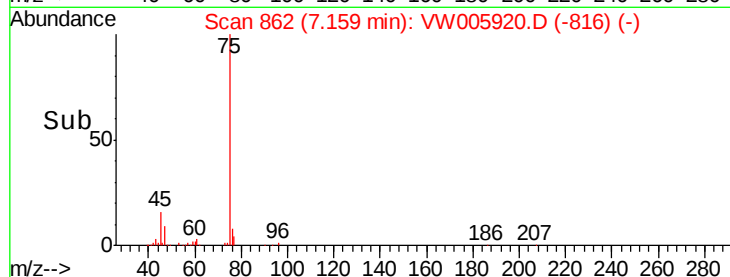
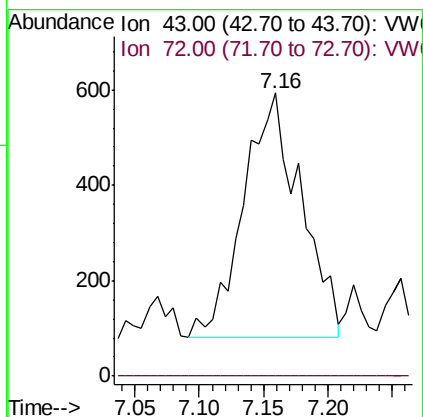
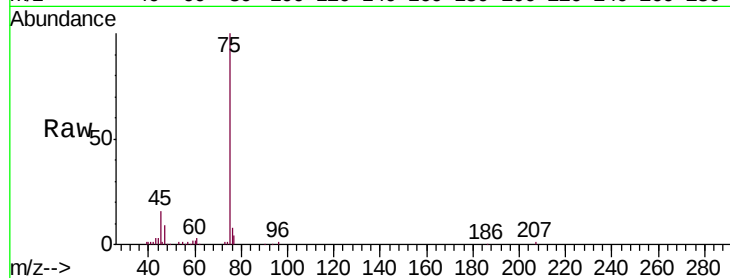
S-13-V

Tgt Ion: 43 Resp: 1584

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.137 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

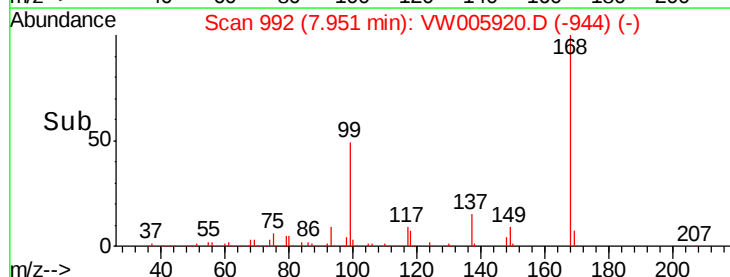
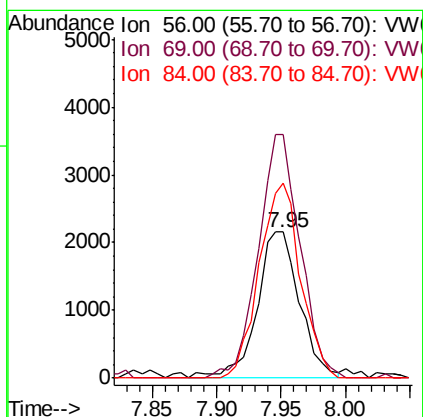
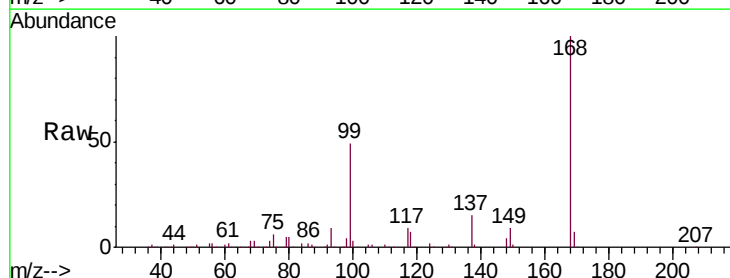
Tgt Ion: 56 Resp: 4928

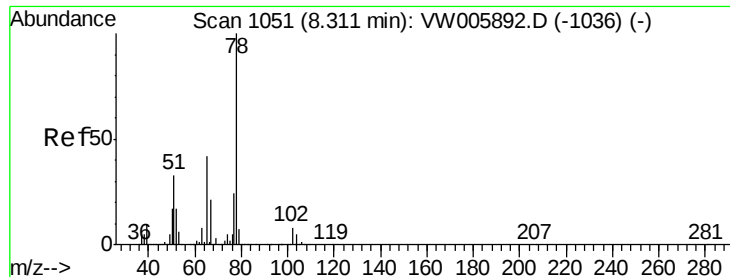
Ion Ratio Lower Upper

56 100

69 166.5 27.9 41.9#

84 133.2 72.3 108.5#

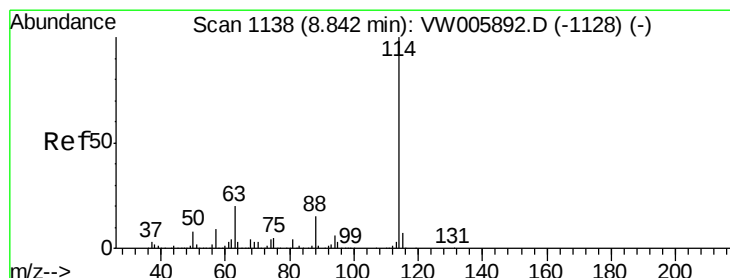
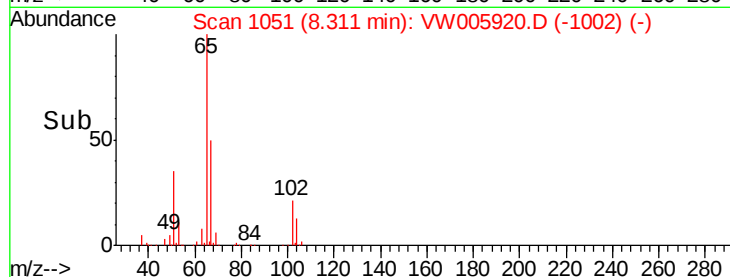
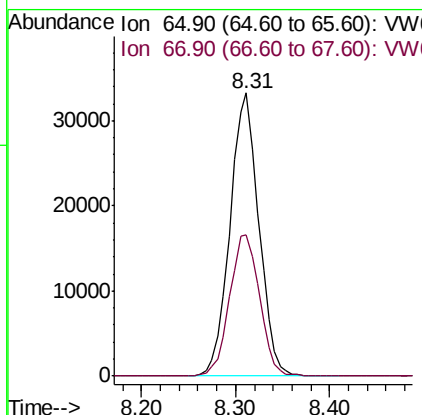
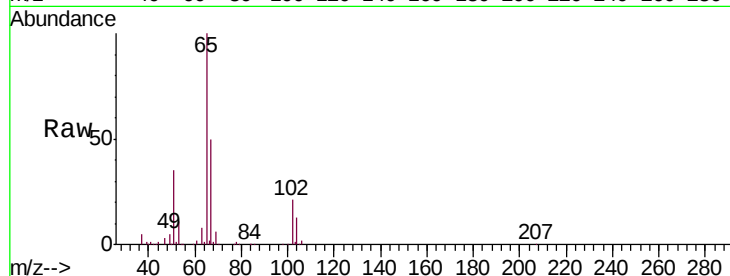




#33
 1,2-Dichloroethane-d4
 Concen: 28.585 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005920.D
 Acq: 09 Oct 2018 04:03

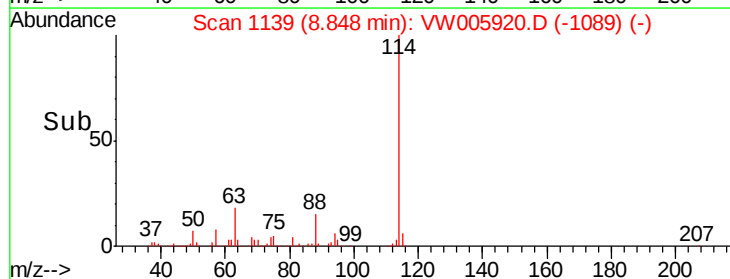
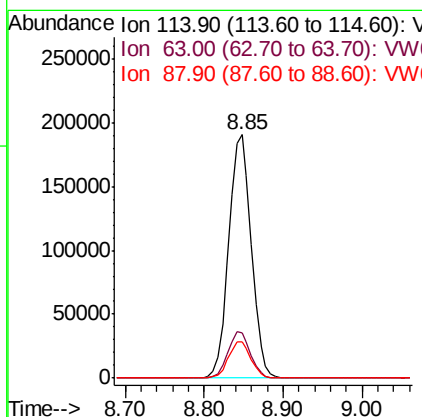
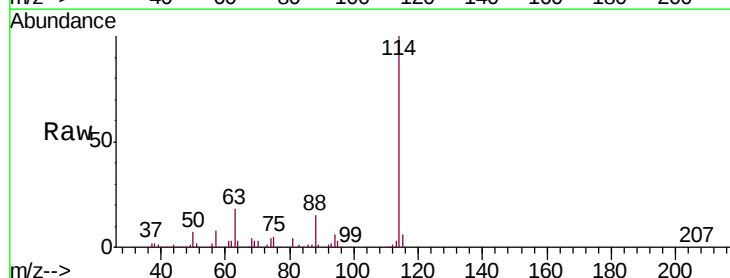
Instrument :
 MSVOA_W
 ClientSampleId :
 S-13-V

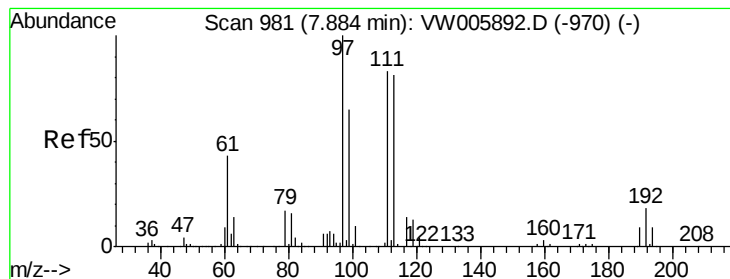
Tgt Ion: 65 Resp: 70756
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005920.D
 Acq: 09 Oct 2018 04:03

Tgt Ion: 114 Resp: 378046
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 30.656 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

S-13-V

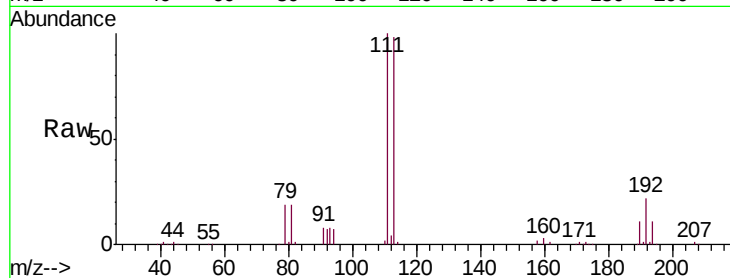
Tgt Ion:113 Resp: 73993

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

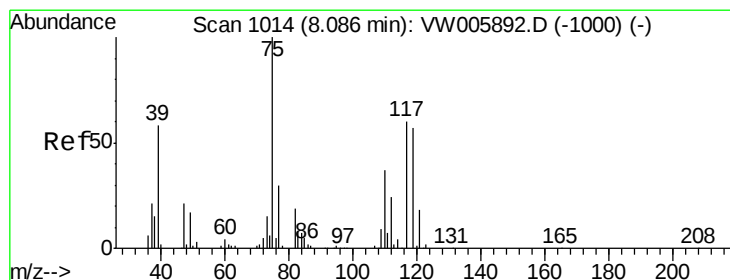
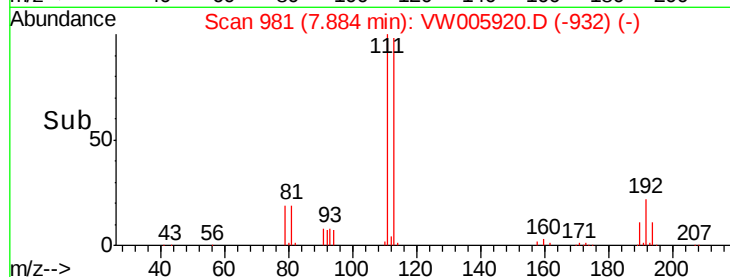
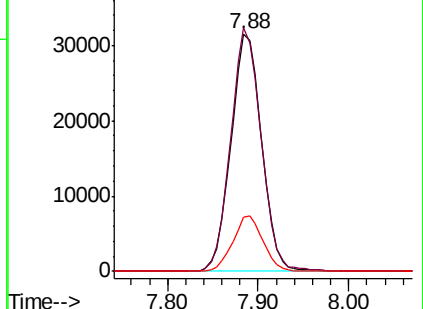
192 22.9 18.3 27.5



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



#36

1,1-Dichloropropene

Concen: 4.694 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

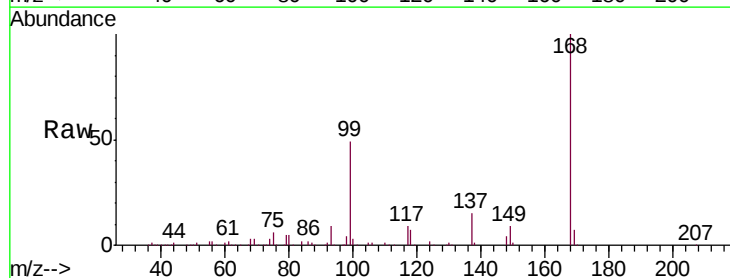
Tgt Ion: 75 Resp: 17005

Ion Ratio Lower Upper

75 100

110 10.5 18.6 56.0#

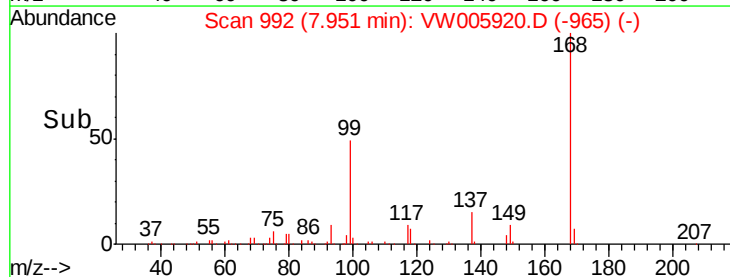
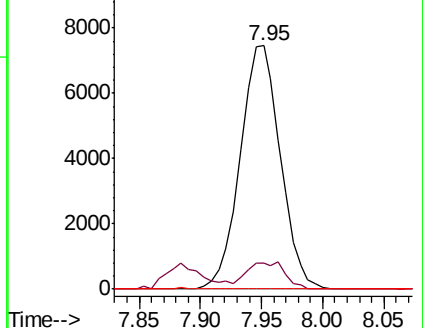
77 0.0 24.7 37.1#

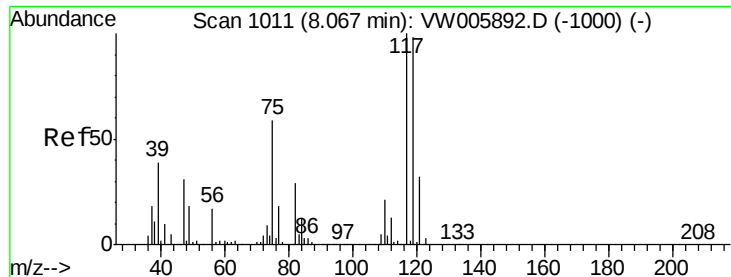


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.925 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampled :

S-13-V

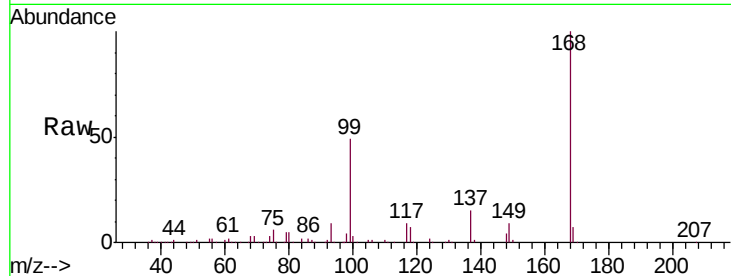
Tgt Ion:117 Resp: 23060

Ion Ratio Lower Upper

117 100

119 4.8 78.6 117.8#

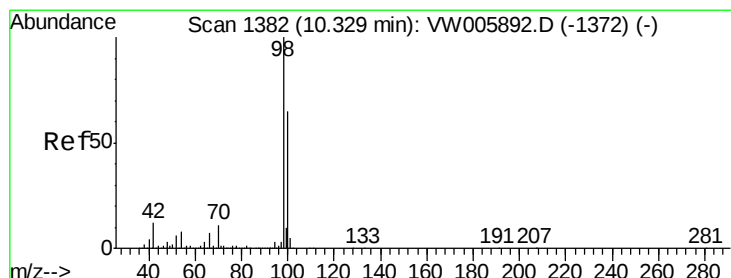
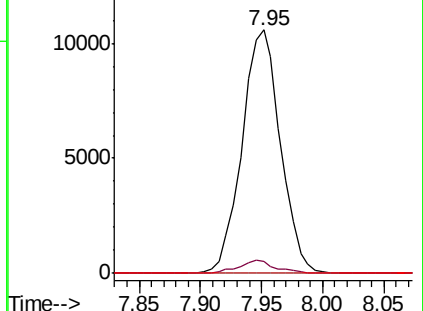
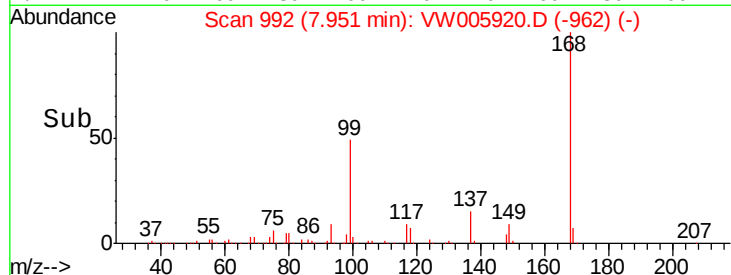
121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 25.186 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005920.D

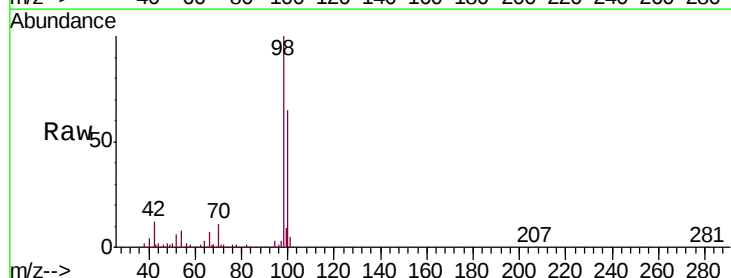
Acq: 09 Oct 2018 04:03

Tgt Ion: 98 Resp: 233883

Ion Ratio Lower Upper

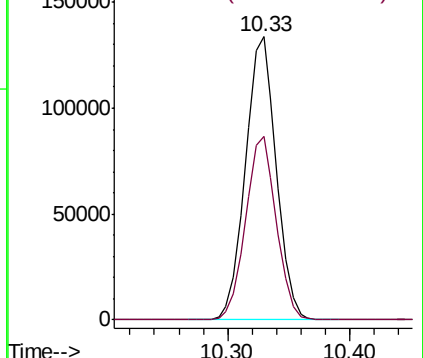
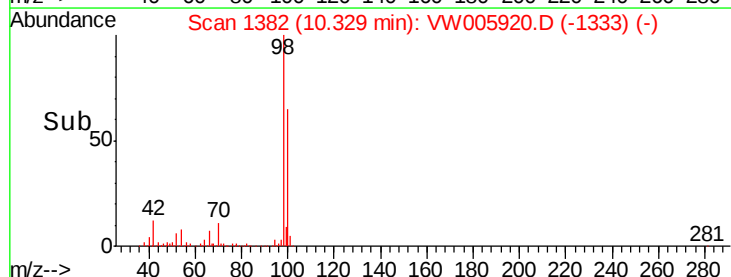
98 100

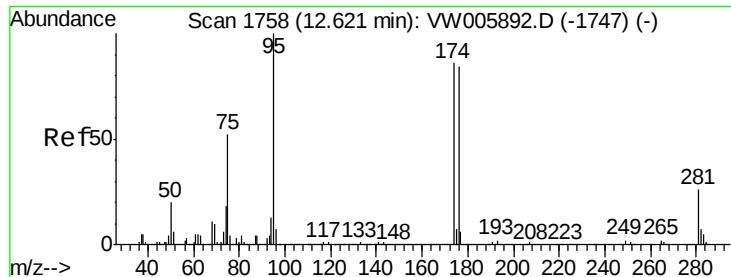
100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

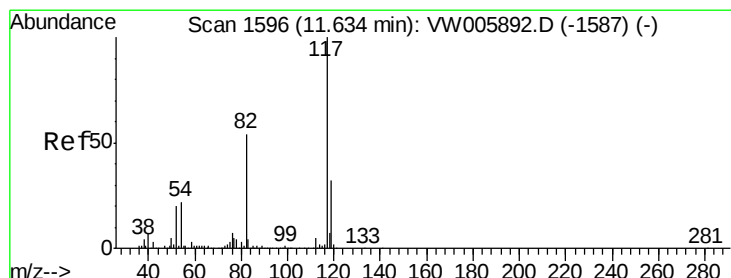
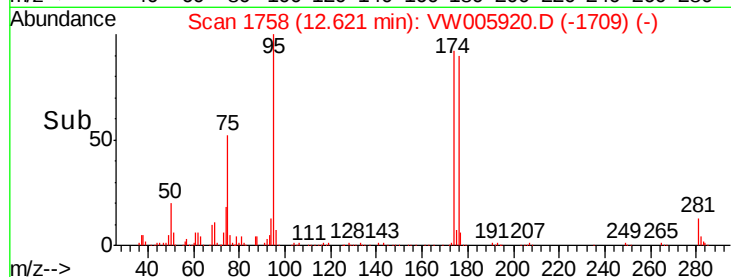
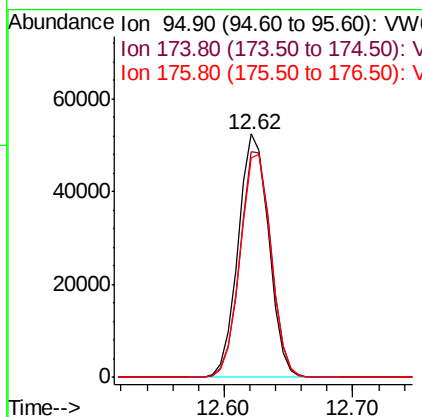
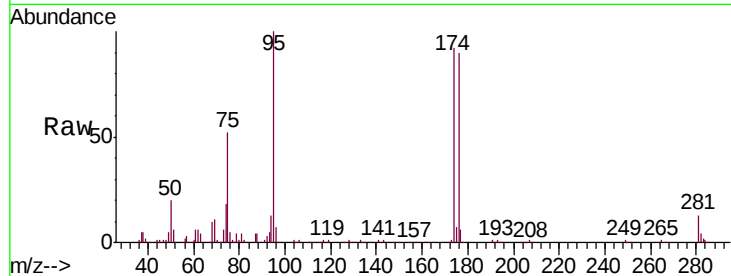




#62
4-Bromofluorobenzene
Concen: 24.395 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005920.D
Acq: 09 Oct 2018 04:03

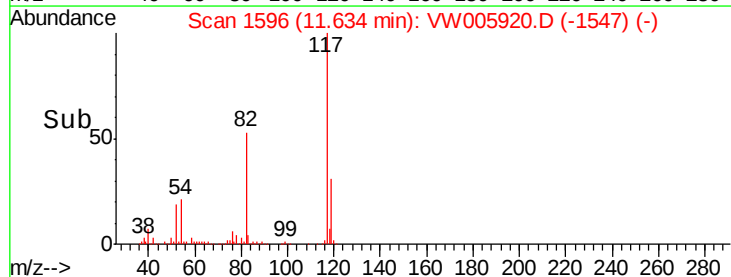
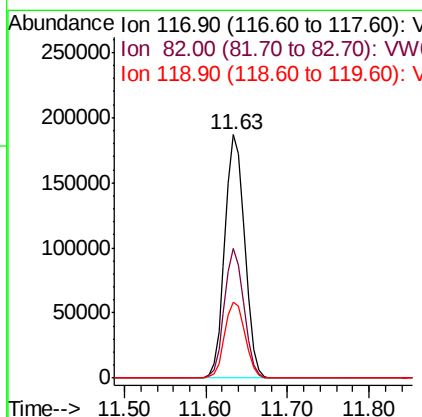
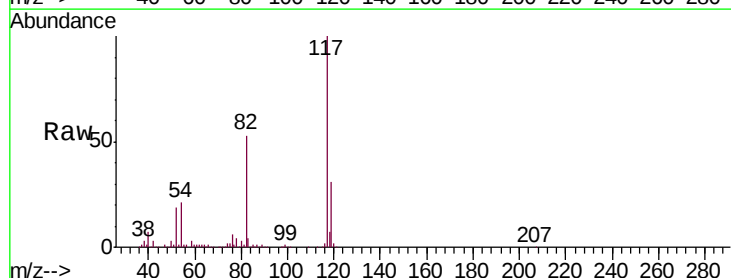
Instrument :
MSVOA_W
ClientSampleId :
S-13-V

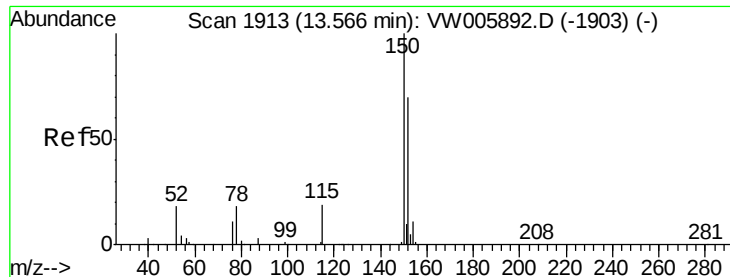
Tgt Ion: 95 Resp: 86192
Ion Ratio Lower Upper
95 100
174 93.1 0.0 176.4
176 91.9 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005920.D
Acq: 09 Oct 2018 04:03

Tgt Ion: 117 Resp: 313886
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 31.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

S-13-V

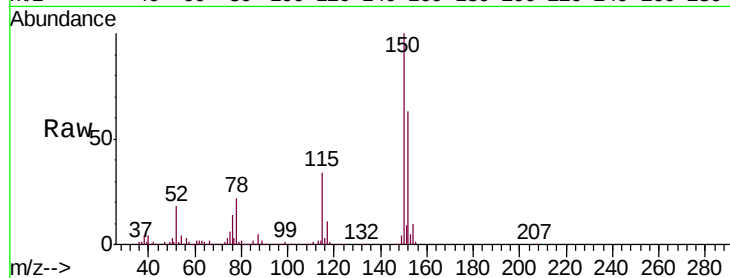
Tgt Ion:152 Resp: 143069

Ion Ratio Lower Upper

152 100

115 56.6 28.3 85.0

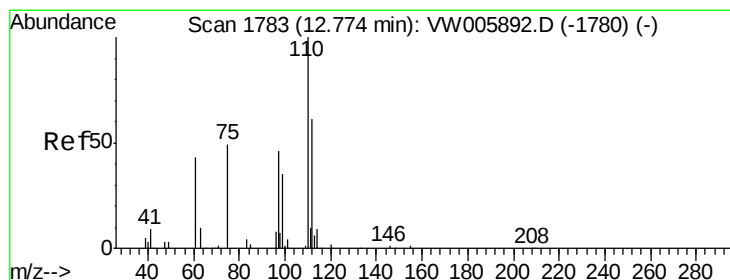
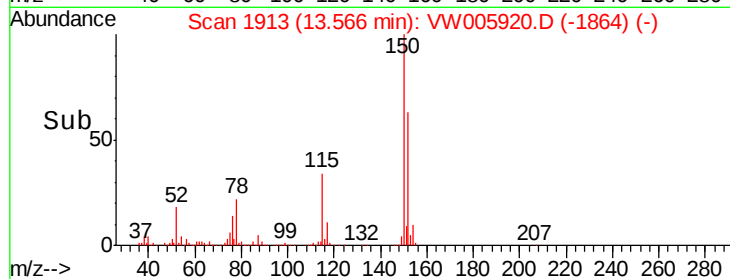
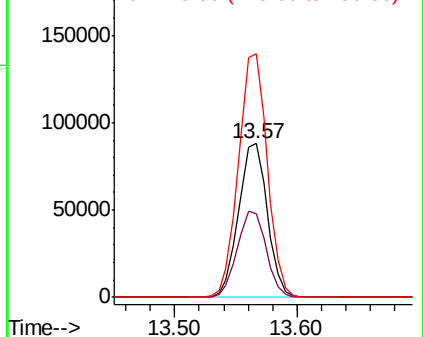
150 158.7 0.0 349.2



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: 34.407 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005920.D

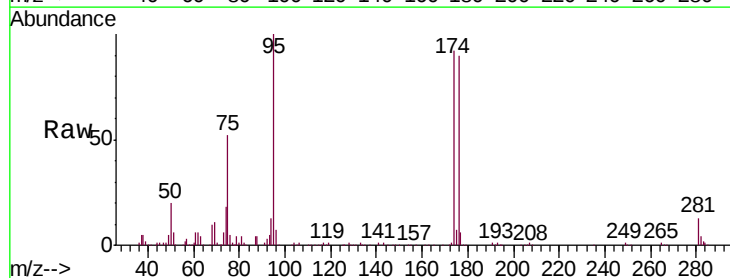
Acq: 09 Oct 2018 04:03

Tgt Ion: 75 Resp: 43972

Ion Ratio Lower Upper

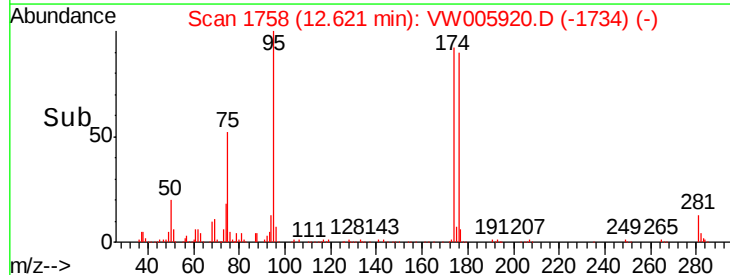
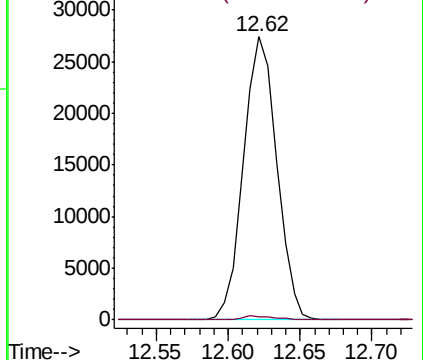
75 100

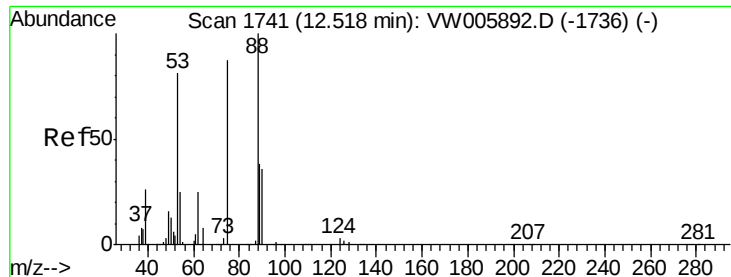
77 1.4 0.0 0.0#



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: 72.637 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

S-13-V

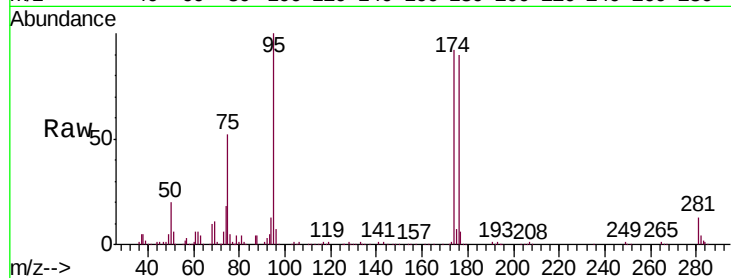
Tgt Ion: 75 Resp: 43972

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

