

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100818\
 Data File : VW005930.D
 Acq On : 09 Oct 2018 08:21
 Operator : SY/AP
 Sample : J5287-10
 Misc : 7.10G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 09 11:12:05 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

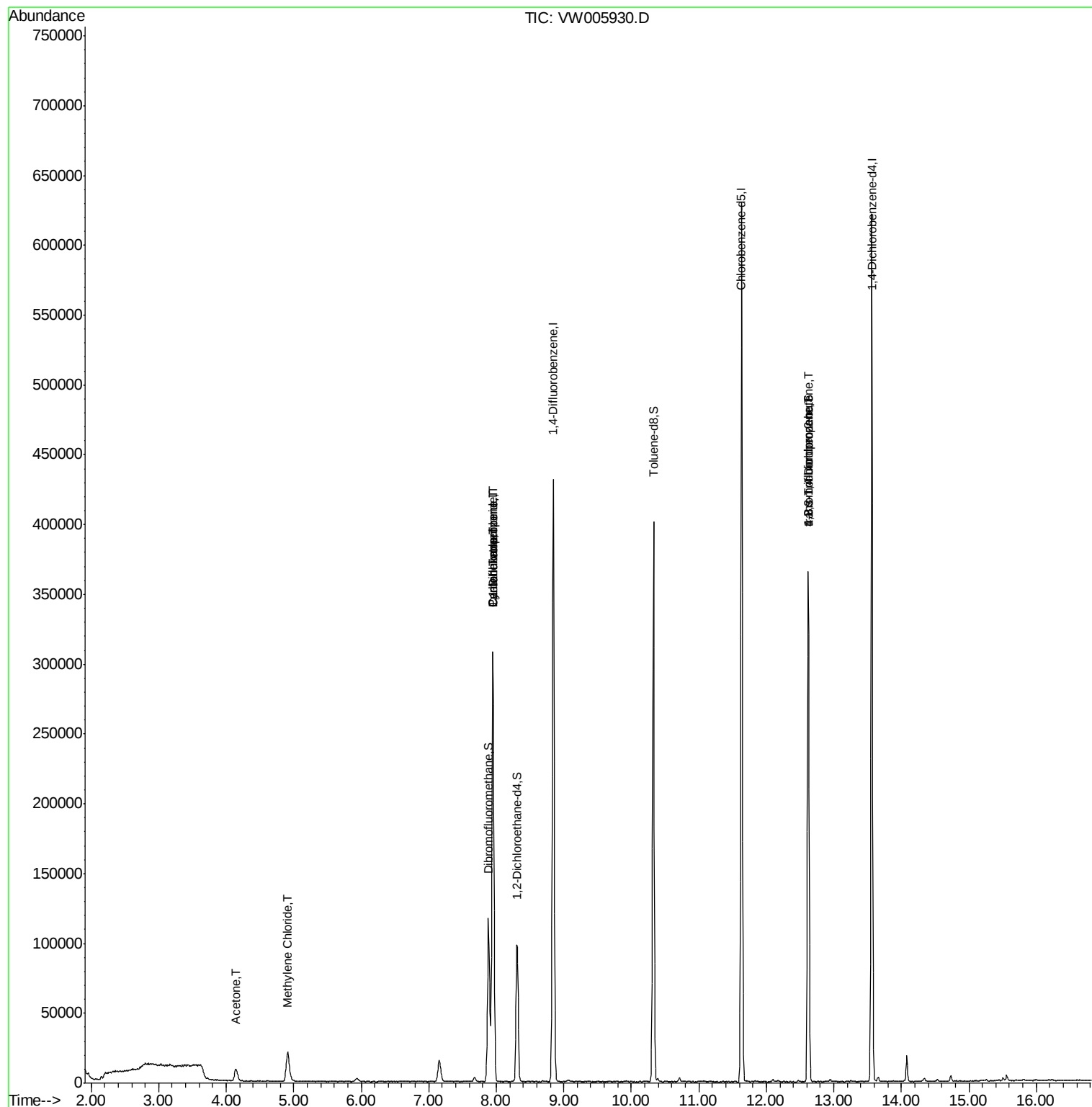
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	385598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	77618	32.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.56%	
35) Dibromofluoromethane	7.88	113	80563	32.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.44%	
50) Toluene-d8	10.33	98	276927	29.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.48%	
62) 4-Bromofluorobenzene	12.62	95	104231	28.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.84%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	18291	38.078	ug/l	94
20) Methylene Chloride	4.91	84	17614	7.319	ug/l #	96
31) Cyclohexane	7.95	56	4735	1.125	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	16352	4.426	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21808	5.494	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	53274	35.536	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	53274	75.021	ug/l #	11

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

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MSVOA_W
ClientSampleId :

Quant Time: Oct 09 11:12:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005930.D

Acq: 09 Oct 2018 08:21

Instrument :

MSVOA_W

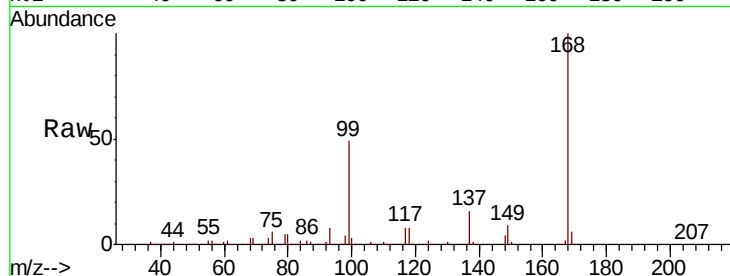
ClientSampleId :

Tot Ion:168 Resp: 247728

Ion Ratio Lower Upper

168 100

99 48.7 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

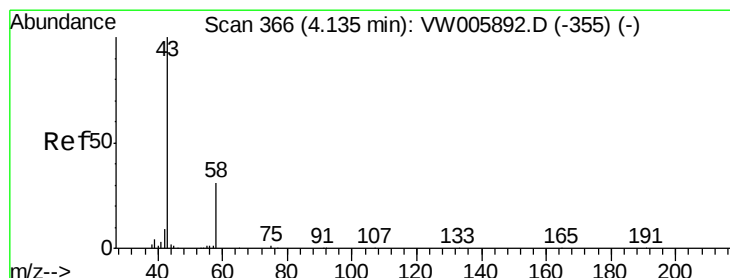
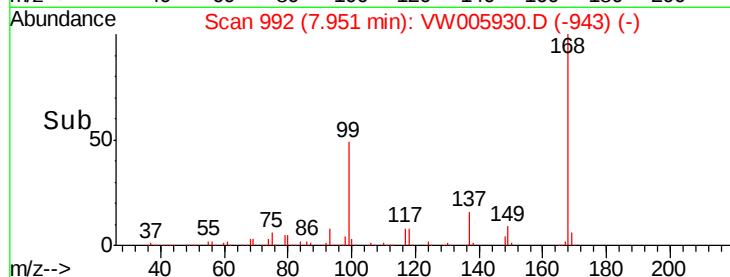
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 38.078 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005930.D

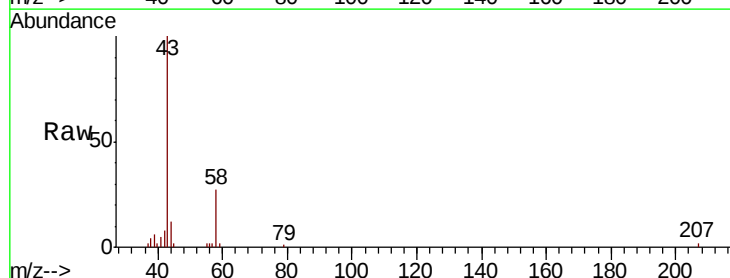
Acq: 09 Oct 2018 08:21

Tgt Ion: 43 Resp: 18291

Ion Ratio Lower Upper

43 100

58 27.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

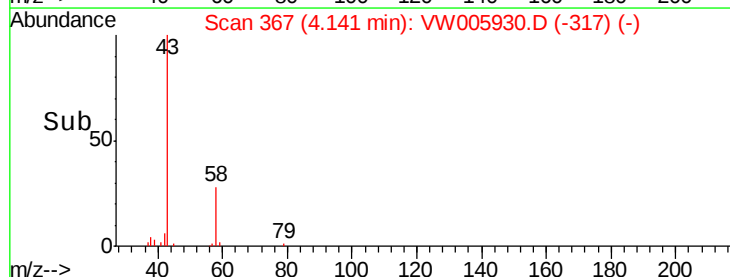
3000

2000

1000

0

Time--> 4.00 4.10 4.20 4.30





#20

Methylene Chloride

Concen: 7.319 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW005930.D

Acq: 09 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 17614

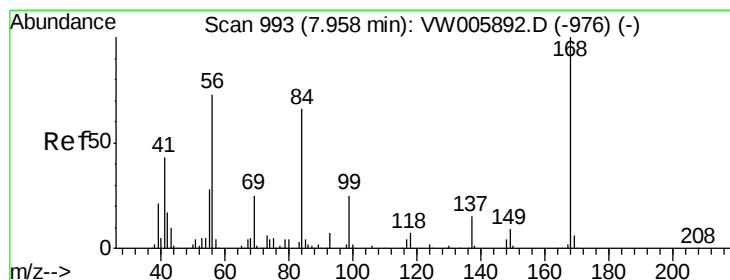
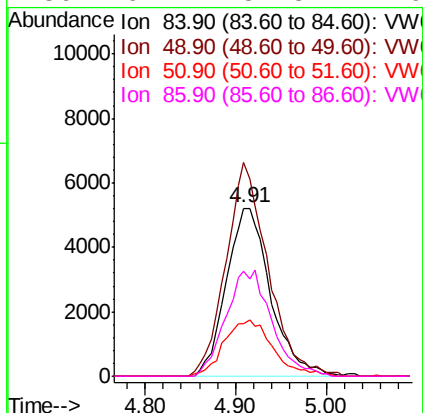
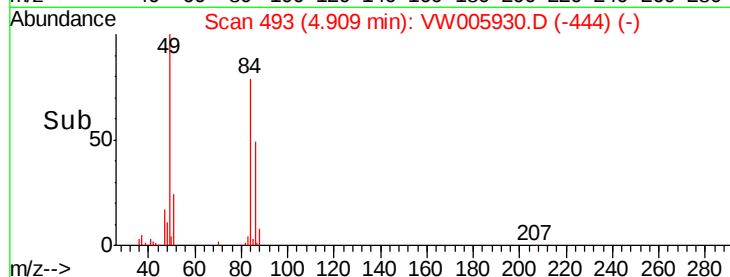
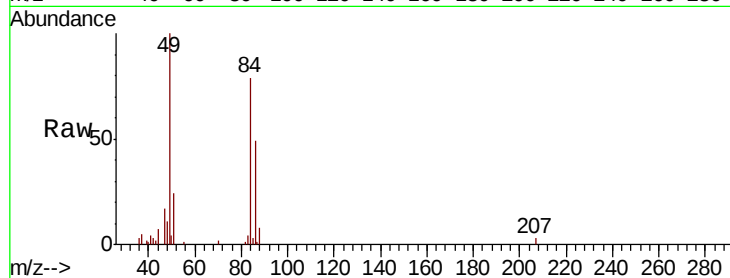
Ion Ratio Lower Upper

84 100

49 127.0 99.9 149.9

51 31.0 31.1 46.7#

86 62.4 51.8 77.6



#31

Cyclohexane

Concen: 1.125 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005930.D

Acq: 09 Oct 2018 08:21

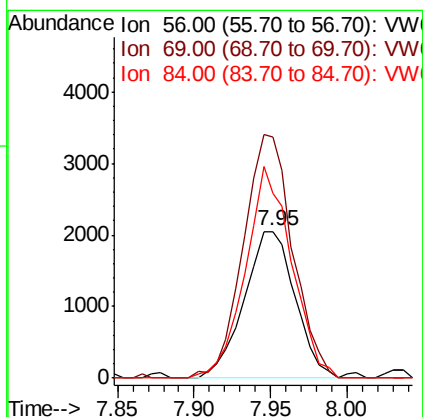
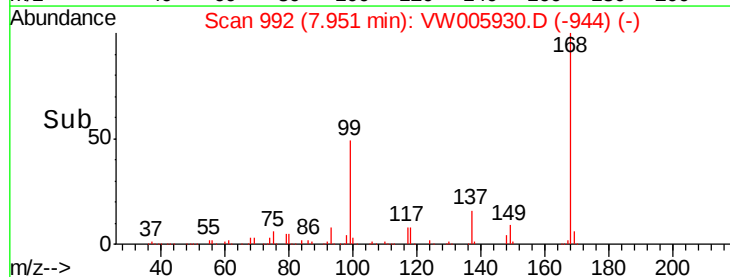
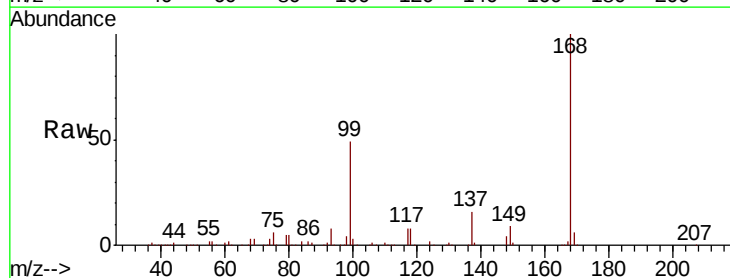
Tgt Ion: 56 Resp: 4735

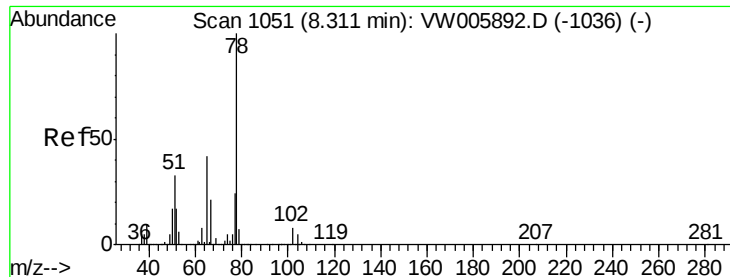
Ion Ratio Lower Upper

56 100

69 164.5 27.9 41.9#

84 126.1 72.3 108.5#

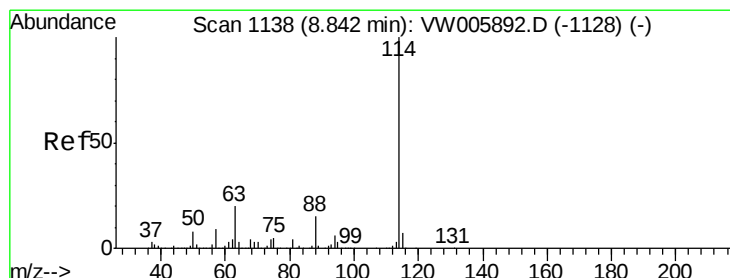
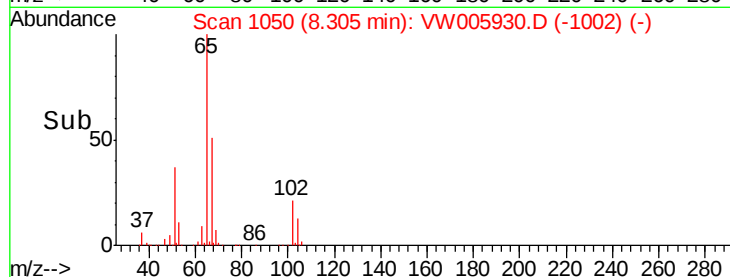
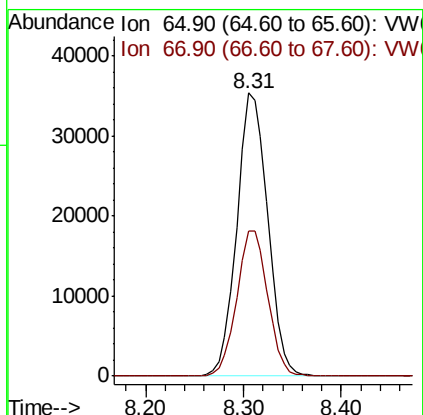
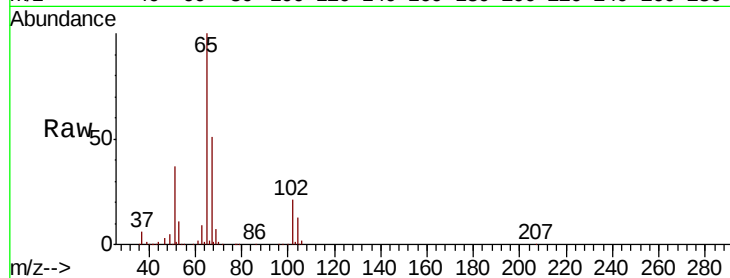




#33
 1,2-Dichloroethane-d4
 Concen: 32.275 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005930.D
 Acq: 09 Oct 2018 08:21

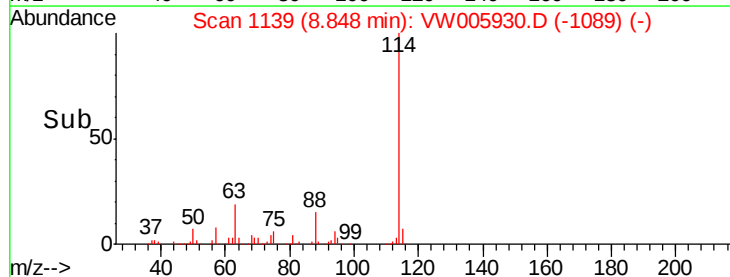
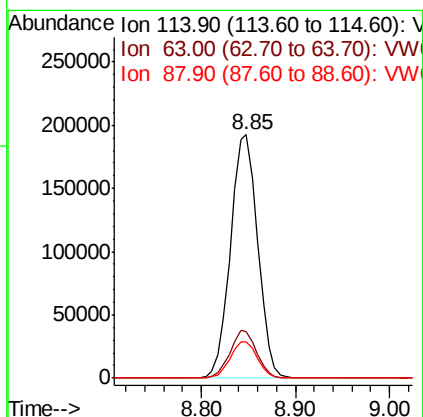
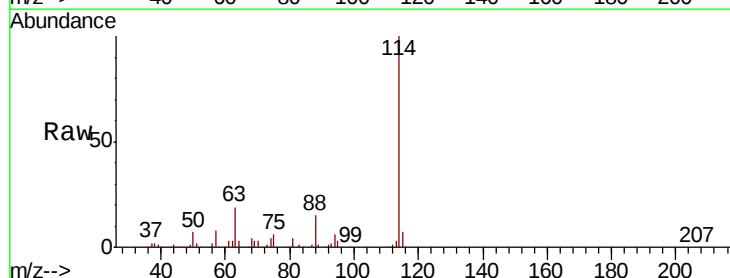
Instrument :
 MSVOA_W
 ClientSampleId :

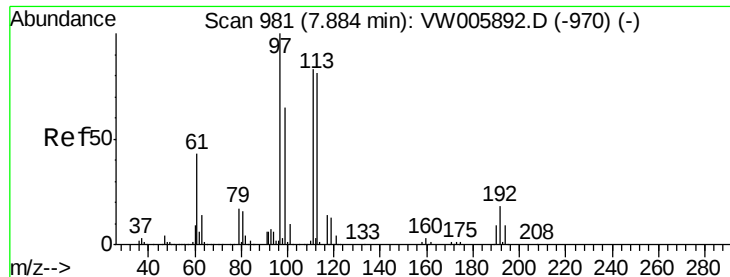
Tot Ion: 65 Resp: 77618
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005930.D
 Acq: 09 Oct 2018 08:21

Tgt Ion:114 Resp: 385598
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 32.724 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005930.D

Acq: 09 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :

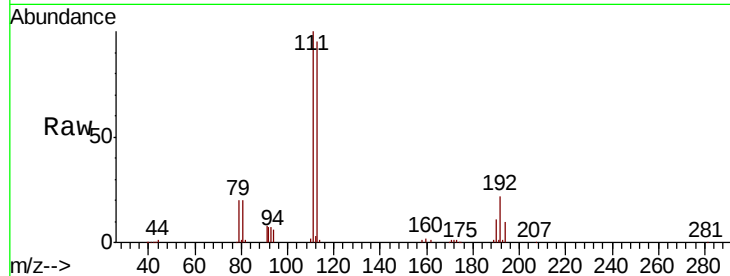
Tot Ion:113 Resp: 80563

Ion Ratio Lower Upper

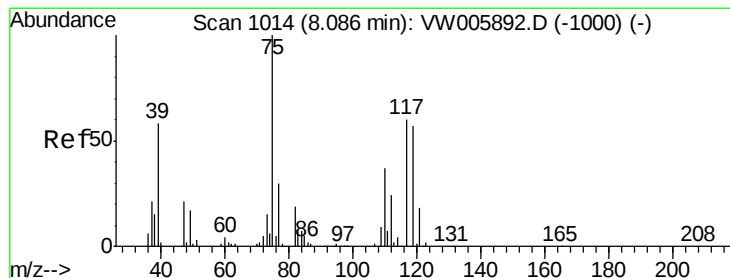
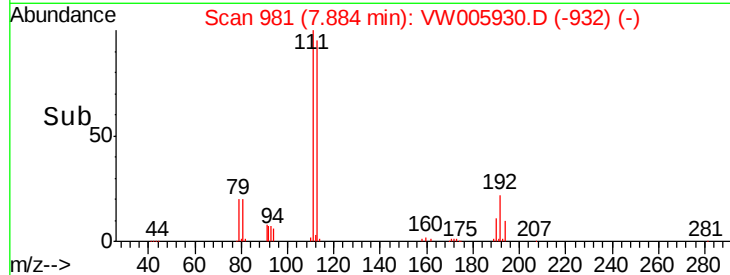
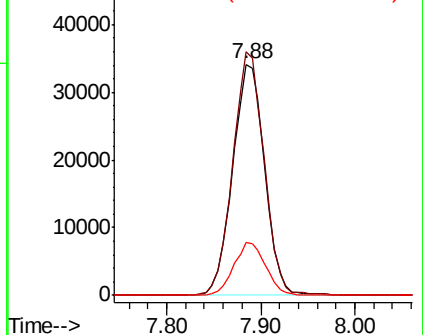
113 100

111 103.5 82.0 123.0

192 22.7 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: 4.426 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW005930.D

Acq: 09 Oct 2018 08:21

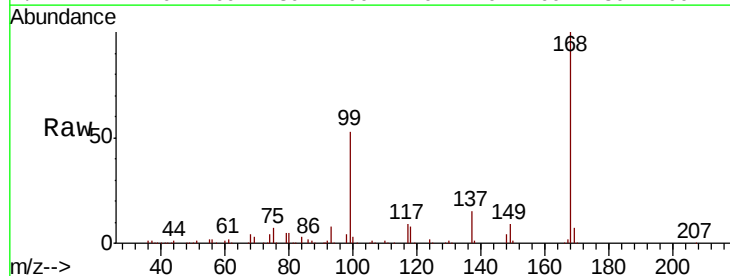
Tgt Ion: 75 Resp: 16352

Ion Ratio Lower Upper

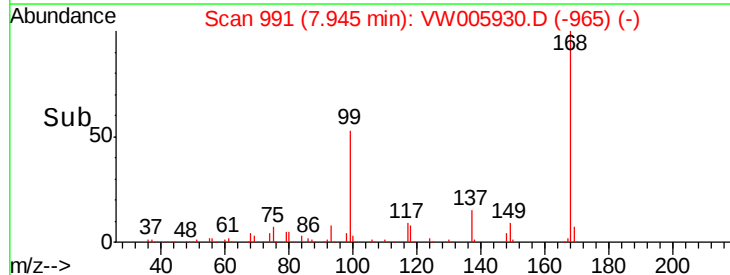
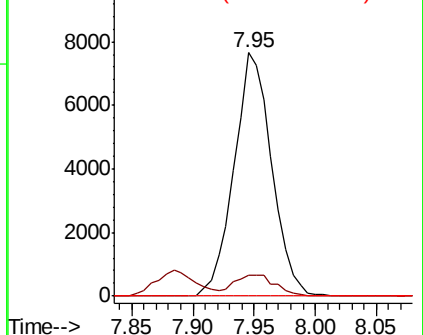
75 100

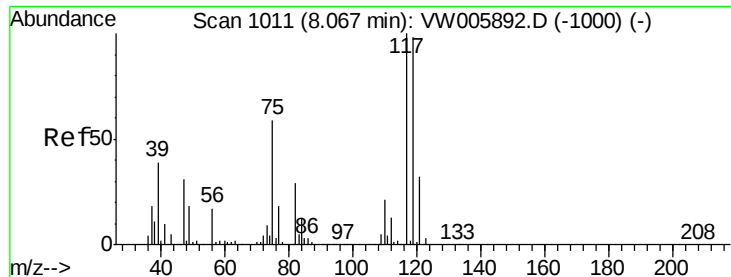
110 9.6 18.6 56.0#

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: 5.494 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005930.D

Acq: 09 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

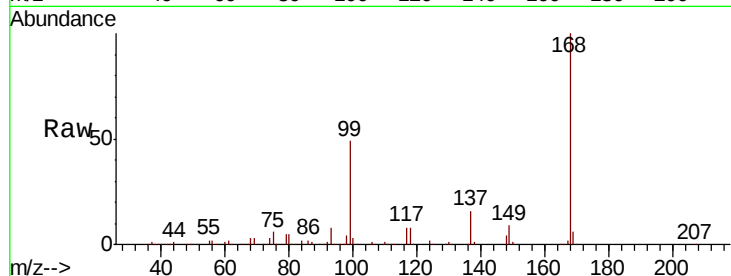
Tot Ion:117 Resp: 21808

Ion Ratio Lower Upper

117 100

119 4.8 78.6 117.8#

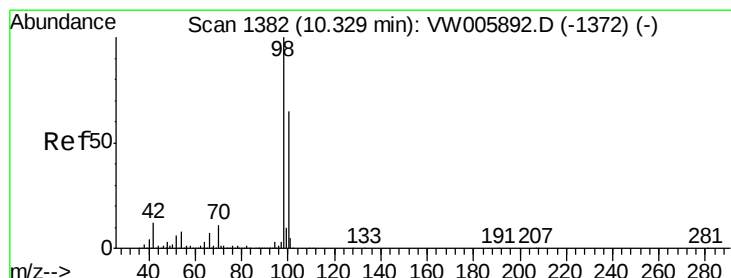
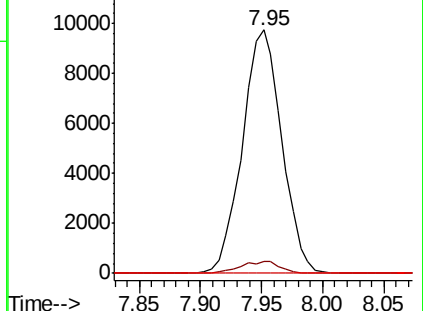
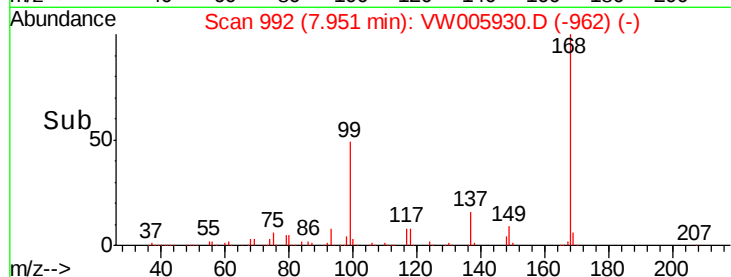
121 0.0 25.3 37.9#



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: 29.237 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005930.D

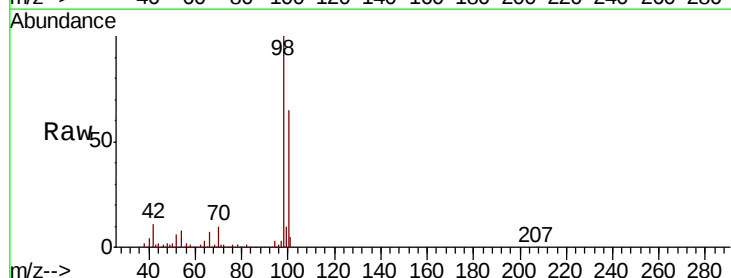
Acq: 09 Oct 2018 08:21

Tgt Ion: 98 Resp: 276927

Ion Ratio Lower Upper

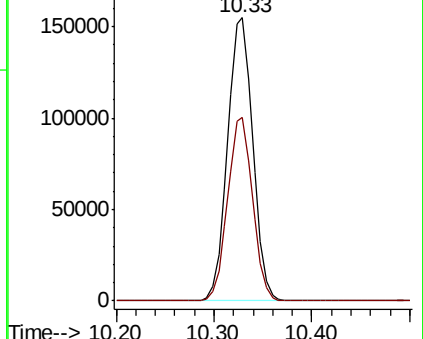
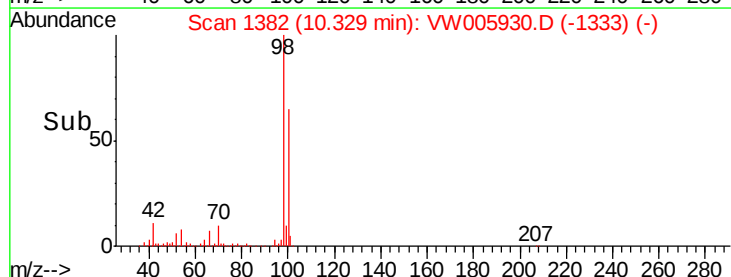
98 100

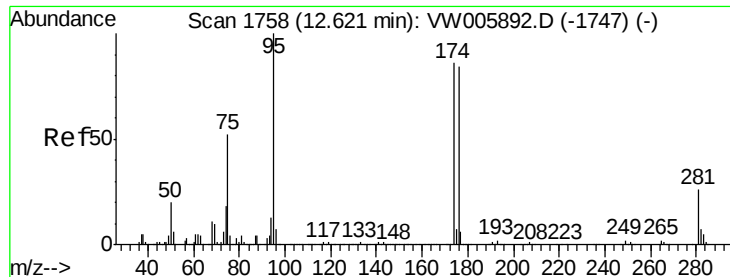
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

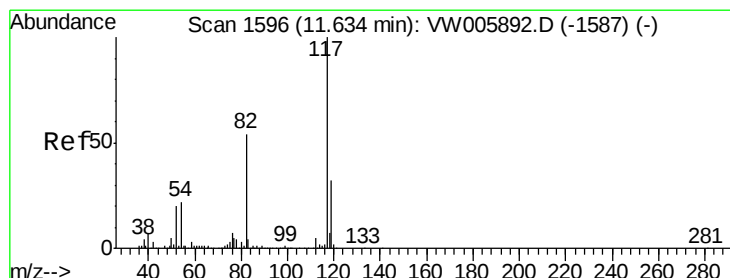
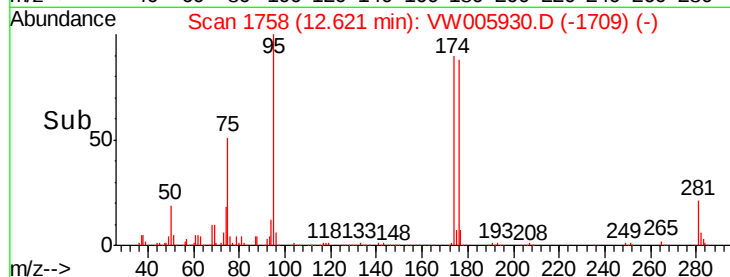
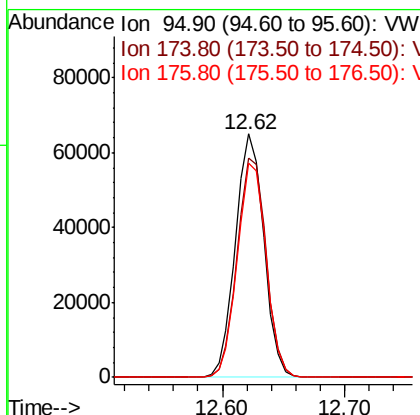
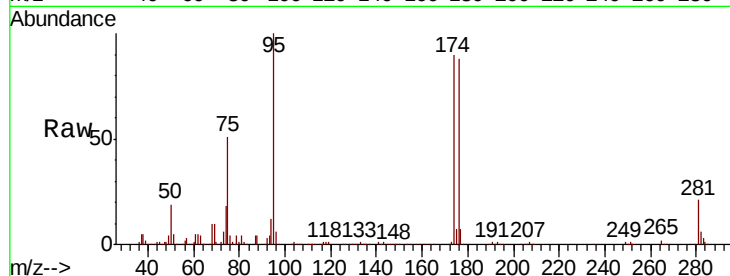




#62
4-Bromofluorobenzene
Concen: 28.923 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005930.D
Acq: 09 Oct 2018 08:21

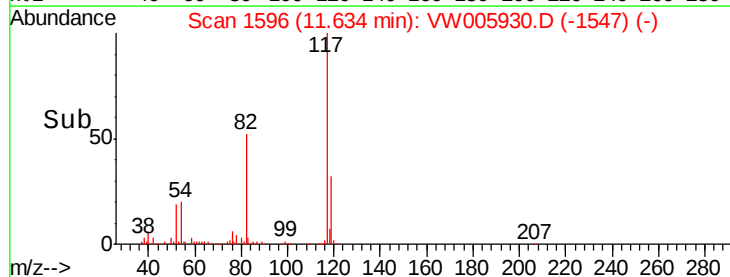
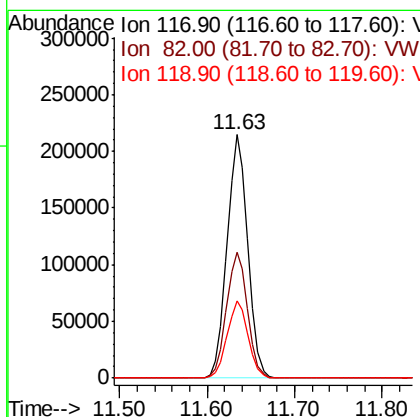
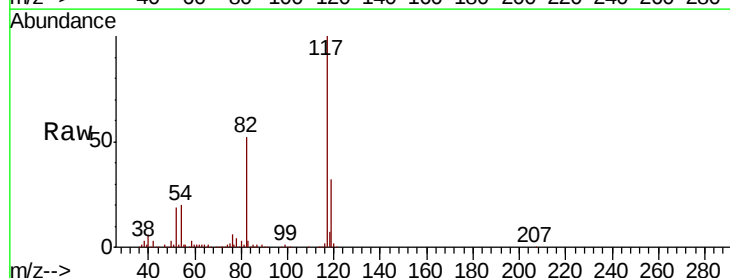
Instrument :
MSVOA_W
ClientSampleId :

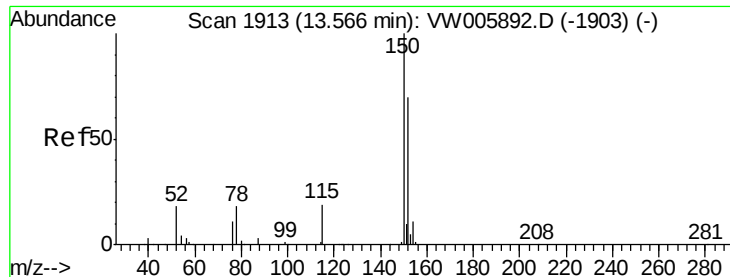
Tot Ion: 95 Resp: 104231
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.4
176 89.6 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005930.D
Acq: 09 Oct 2018 08:21

Tgt Ion: 117 Resp: 350527
Ion Ratio Lower Upper
117 100
82 51.9 43.5 65.3
119 31.9 25.4 38.2



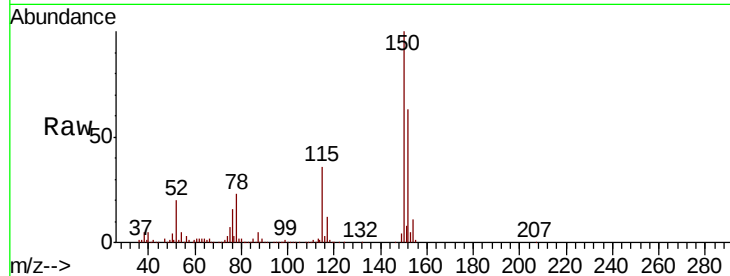


#72

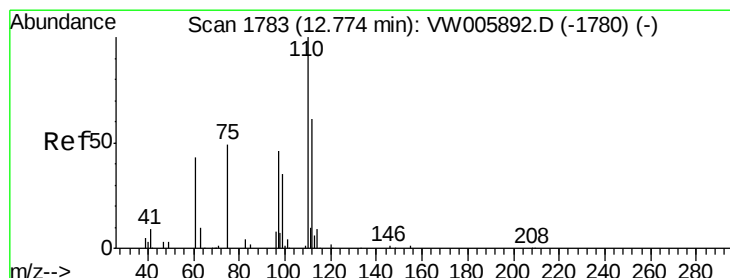
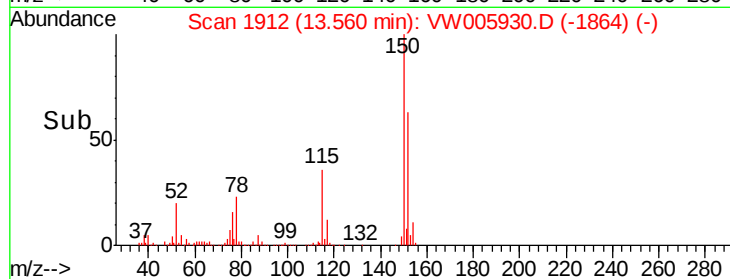
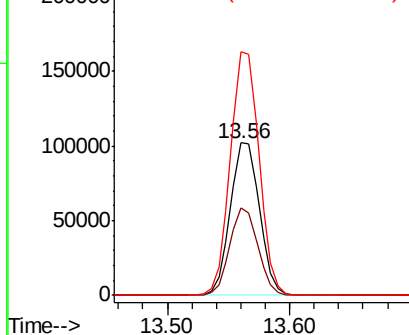
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005930.D
Acq: 09 Oct 2018 08:21

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.3	85.0
150	157.6	0.0	349.2



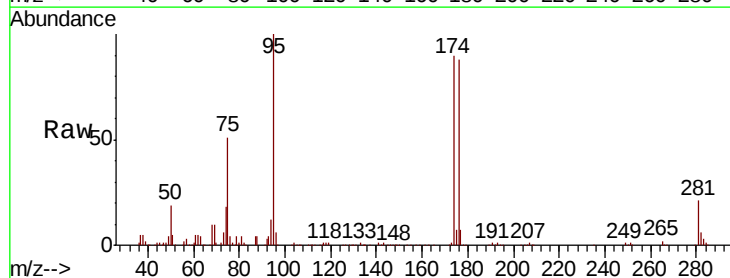
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



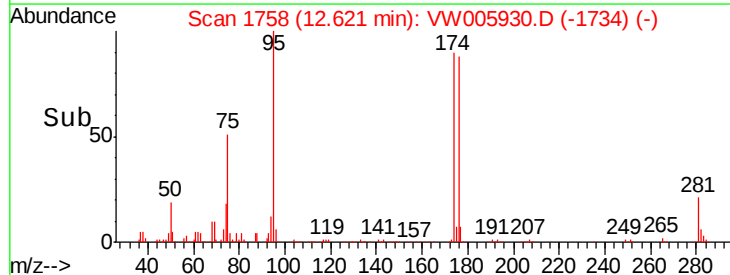
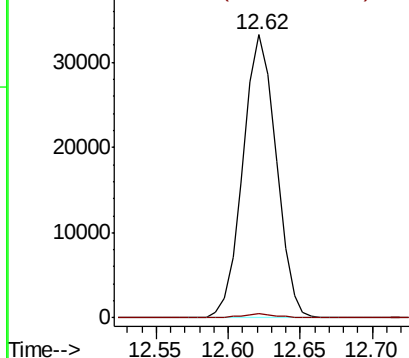
#76

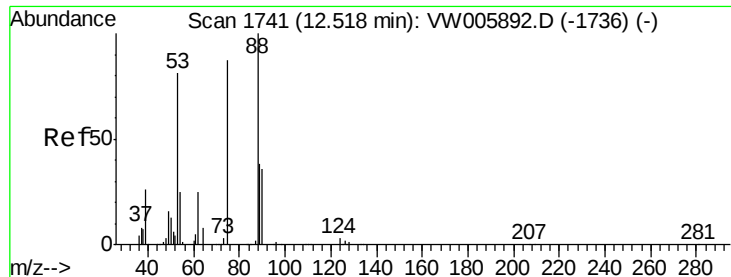
1,2,3-Trichloropropane
Concen: 35.536 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005930.D
Acq: 09 Oct 2018 08:21

Tgt 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: 75.021 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005930.D

Acq: 09 Oct 2018 08:21

Instrument :

MSVOA_W

ClientSampleId :

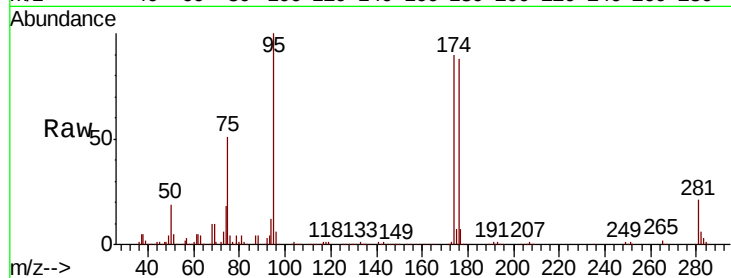
Tot Ion: 75 Resp: 53274

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.1 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

