

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005994.D
 Acq On : 10 Oct 2018 17:46
 Operator : SY/AP
 Sample : J5306-09RE
 Misc : 5.46G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-30-V

Quant Time: Oct 11 04:54:24 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

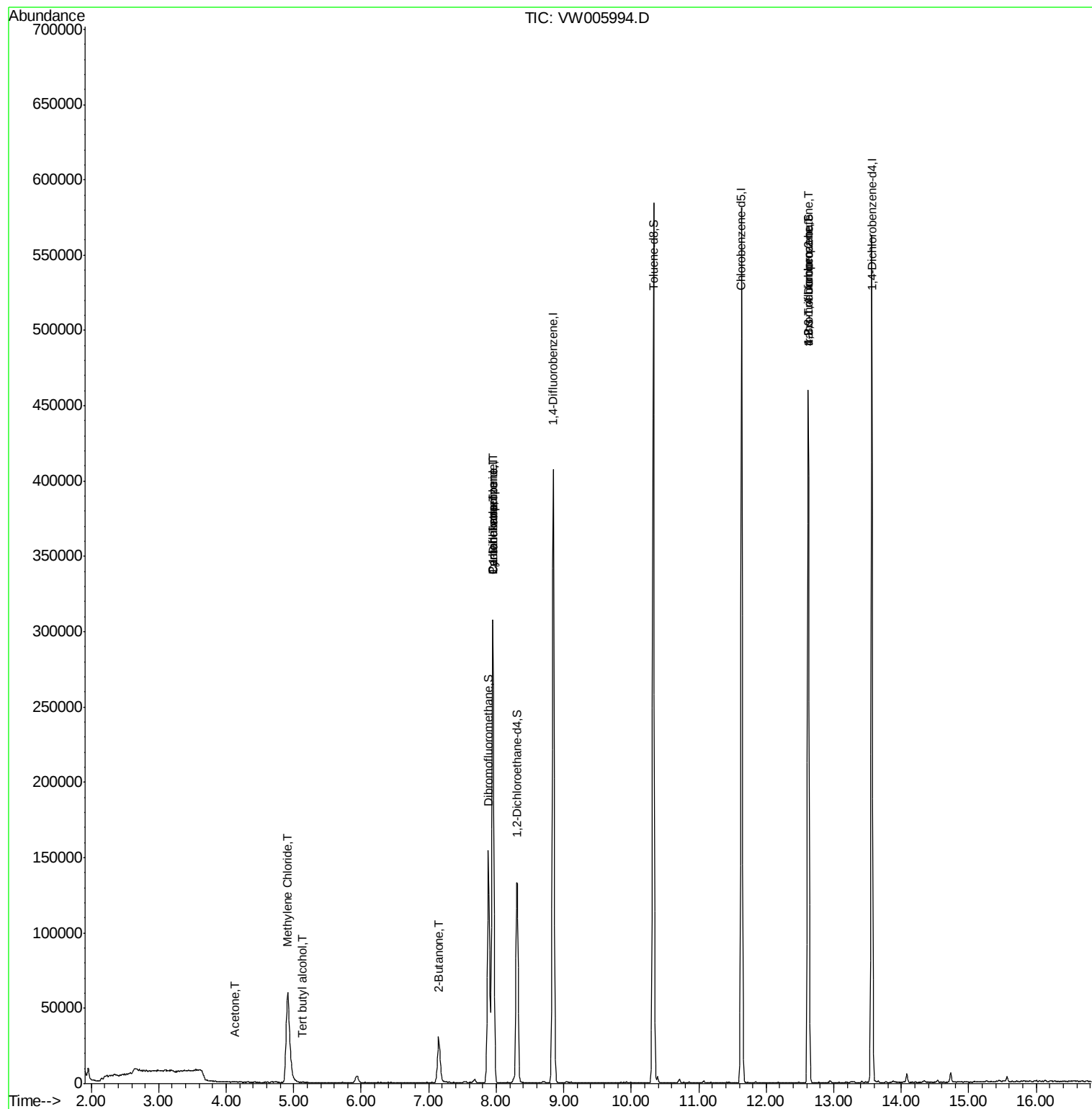
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107012	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
35) Dibromofluoromethane	7.88	113	109180	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
50) Toluene-d8	10.33	98	403699	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
62) 4-Bromofluorobenzene	12.62	95	139909	40.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.64%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.14	59	213	1.209	ug/l #	74
16) Acetone	4.13	43	1026	2.138	ug/l #	80
20) Methylene Chloride	4.92	84	57250	23.807	ug/l	91
25) 2-Butanone	7.15	43	1818	2.663	ug/l #	75
31) Cyclohexane	7.95	56	4726	1.123	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16546	4.708	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22640	5.996	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	69147	50.156	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69147	105.886	ug/l #	11

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

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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: VW005994.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampled :

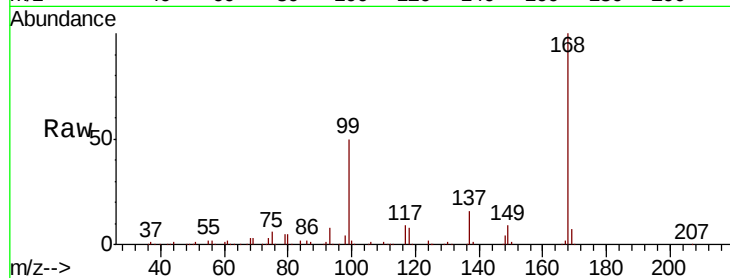
S-30-V

Tot Ion:168 Resp: 247528

Ion Ratio Lower Upper

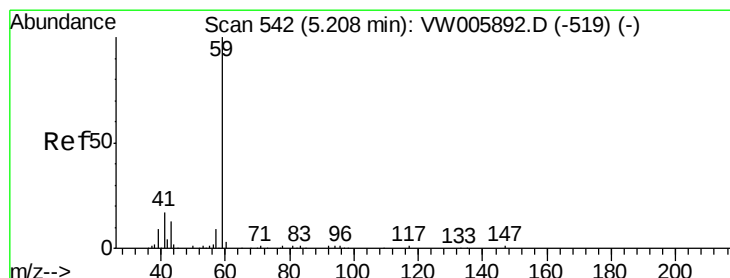
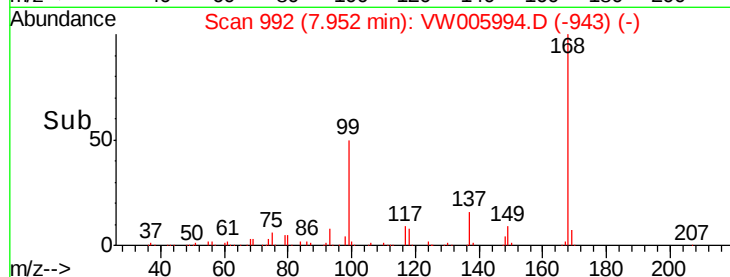
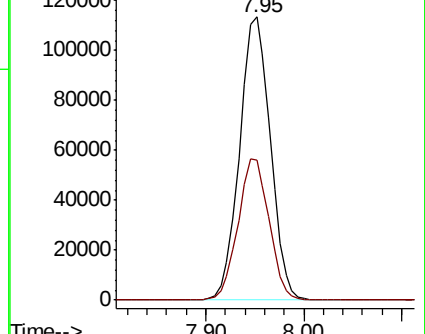
168 100

99 49.6 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.209 ug/l

RT: 5.14 min Scan# 530

Delta R.T. -0.07 min

Lab File: VW005994.D

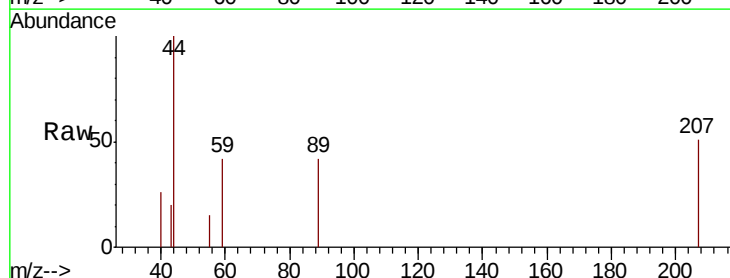
Acq: 10 Oct 2018 17:46

Tgt Ion: 59 Resp: 213

Ion Ratio Lower Upper

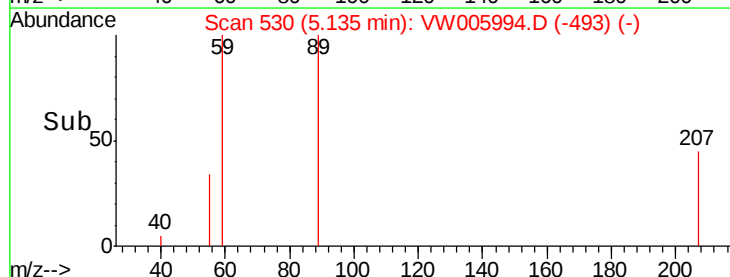
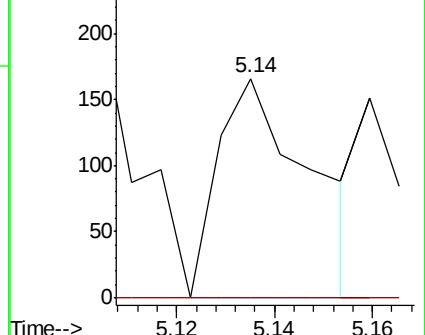
59 100

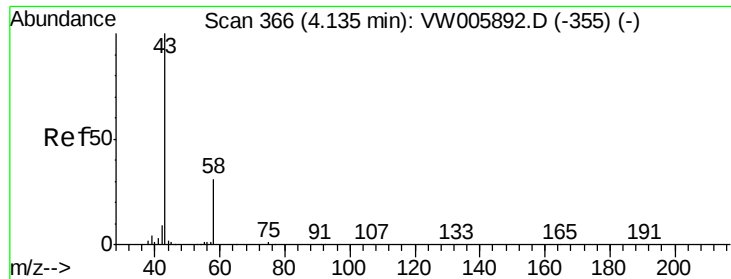
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 2.138 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

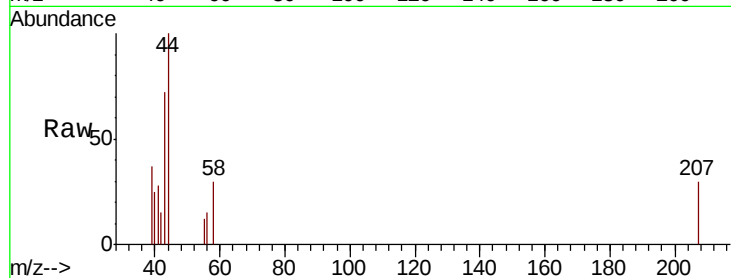
S-30-V

Tot Ion: 43 Resp: 1026

Ion Ratio Lower Upper

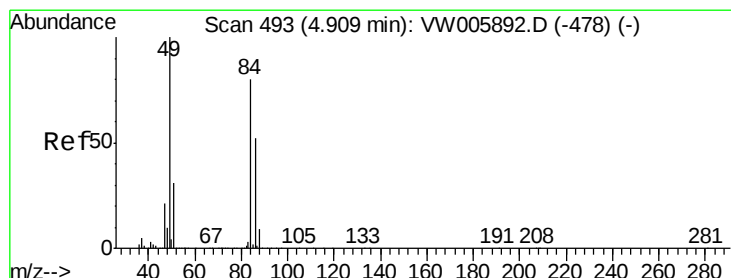
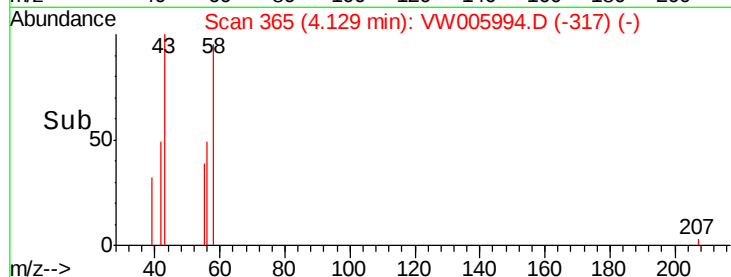
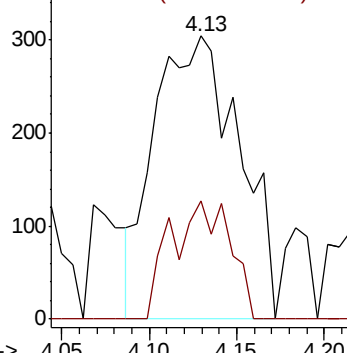
43 100

58 41.8 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 23.807 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

Tgt Ion: 84 Resp: 57250

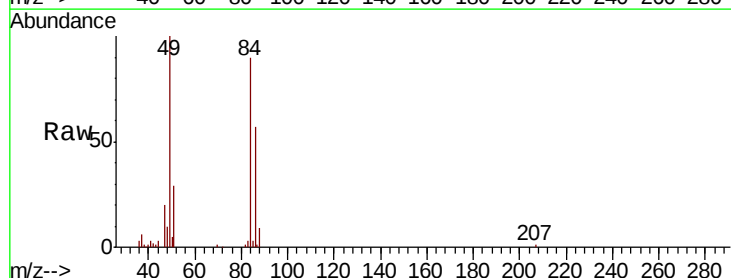
Ion Ratio Lower Upper

84 100

49 111.5 99.9 149.9

51 32.5 31.1 46.7

86 63.8 51.8 77.6

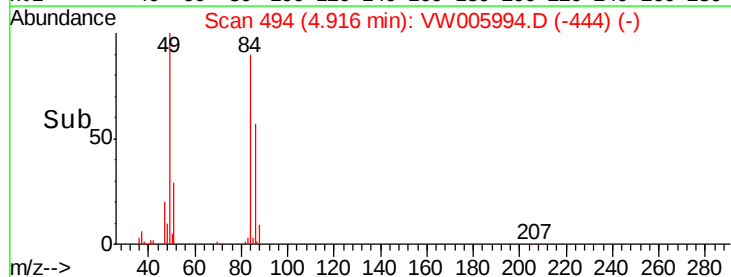
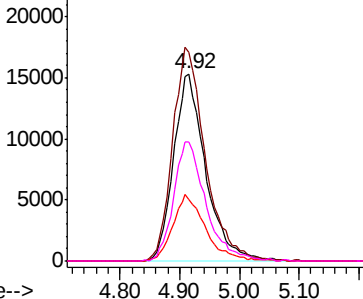


Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 2.663 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

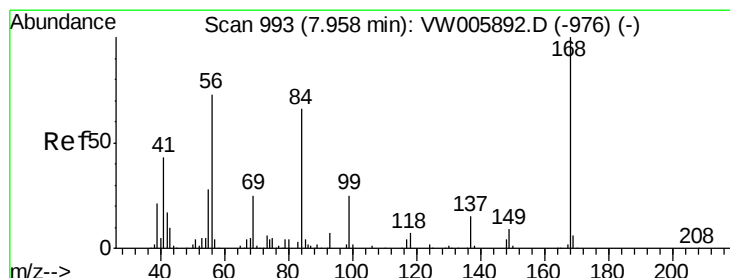
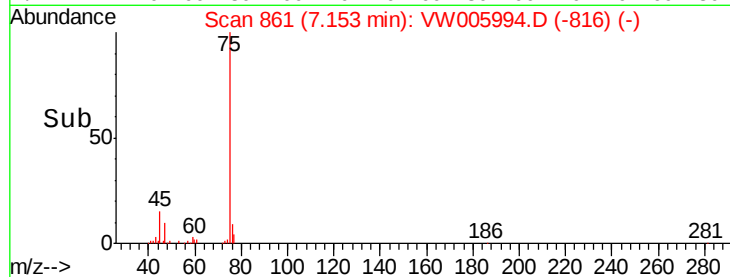
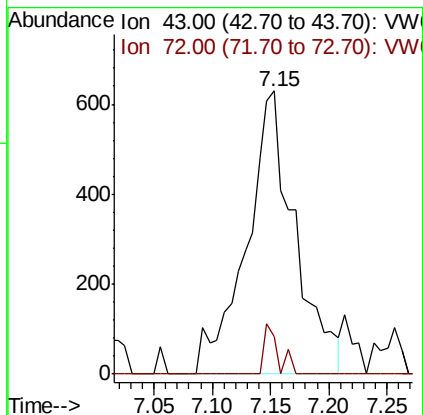
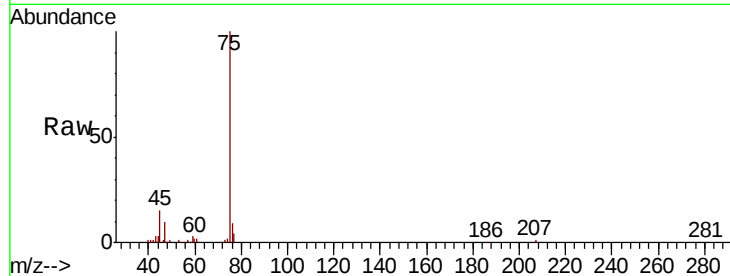
S-30-V

Tot Ion: 43 Resp: 1818

Ion Ratio Lower Upper

43 100

72 13.2 21.0 31.4#



#31

Cyclohexane

Concen: 1.123 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

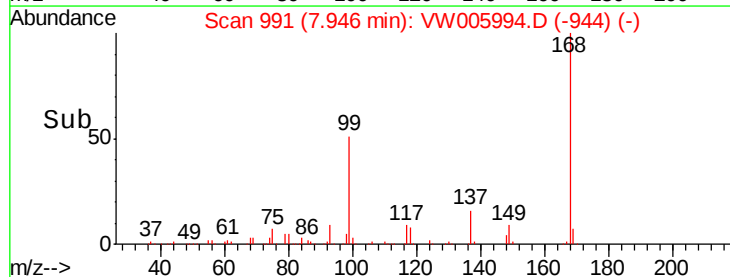
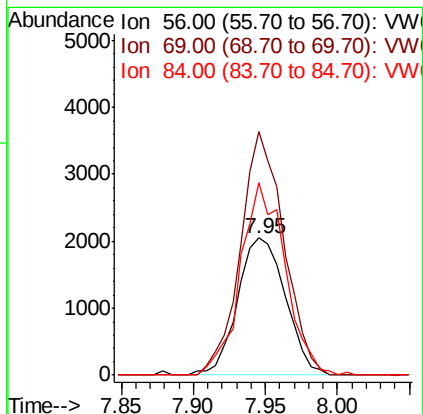
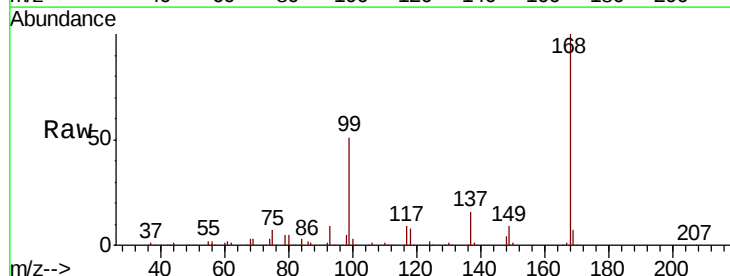
Tgt Ion: 56 Resp: 4726

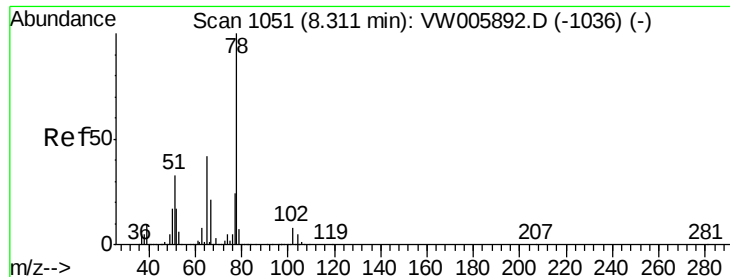
Ion Ratio Lower Upper

56 100

69 177.4 27.9 41.9#

84 140.3 72.3 108.5#





#33

1,2-Dichloroethane-d4

Concen: 44.534 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampled :

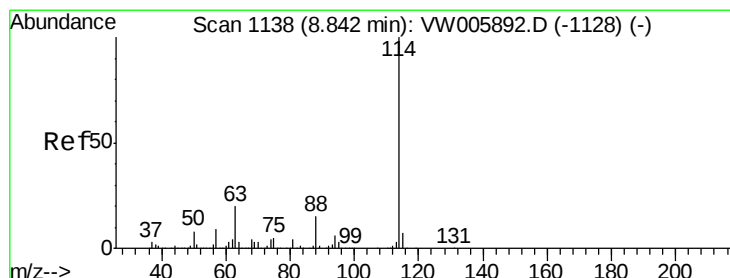
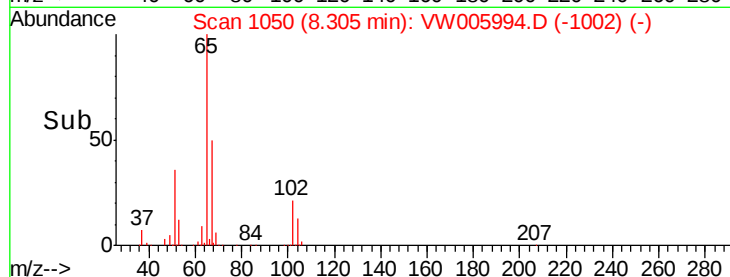
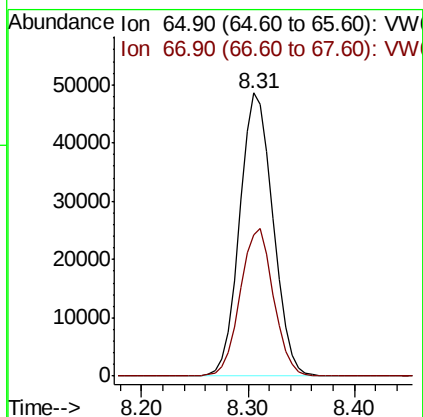
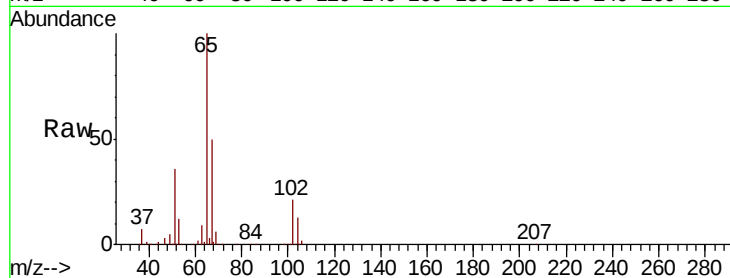
S-30-V

Tot Ion: 65 Resp: 107012

Ion Ratio Lower Upper

65 100

67 51.9 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: VW005994.D

Acq: 10 Oct 2018 17:46

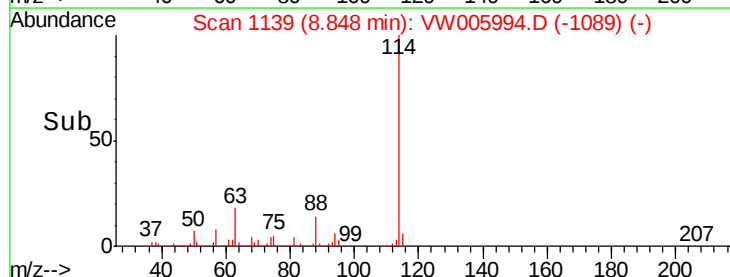
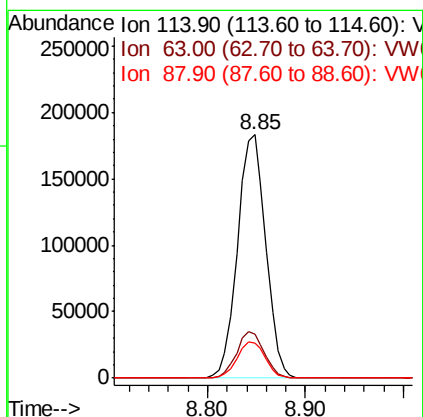
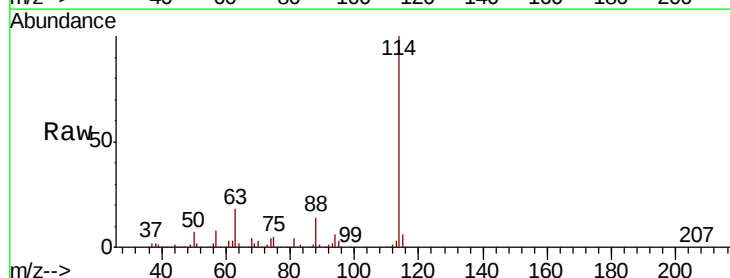
Tgt Ion: 114 Resp: 366775

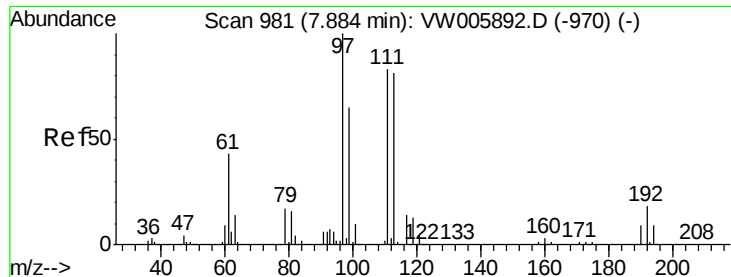
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.2

88 14.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.624 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

S-30-V

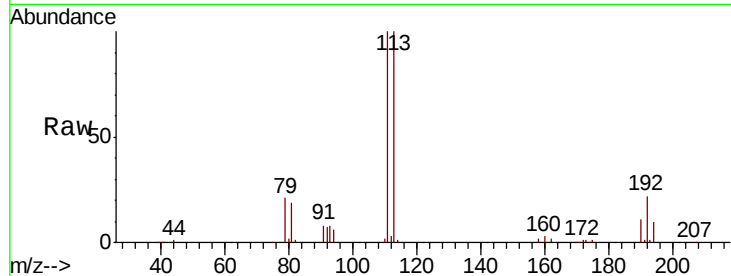
Tot Ion:113 Resp: 109180

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

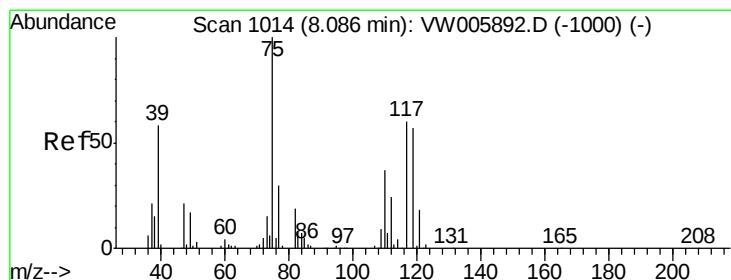
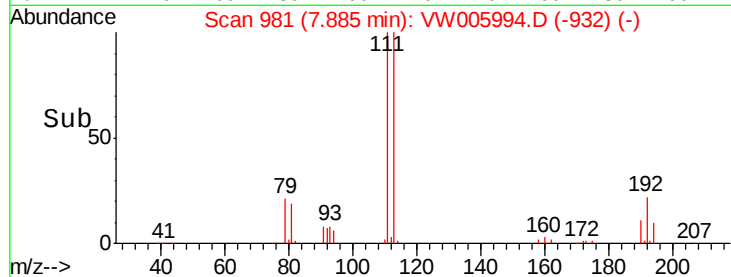
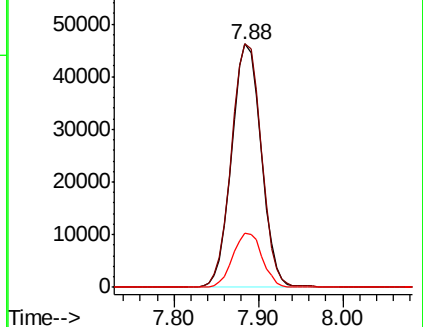
192 22.2 18.3 27.5



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: 4.708 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

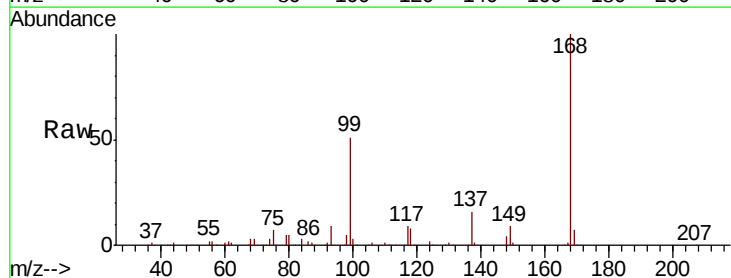
Tgt Ion: 75 Resp: 16546

Ion Ratio Lower Upper

75 100

110 9.4 18.6 56.0#

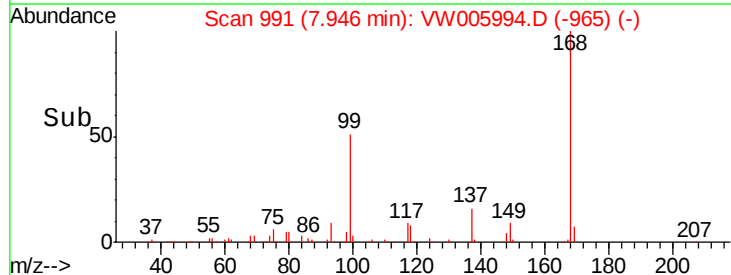
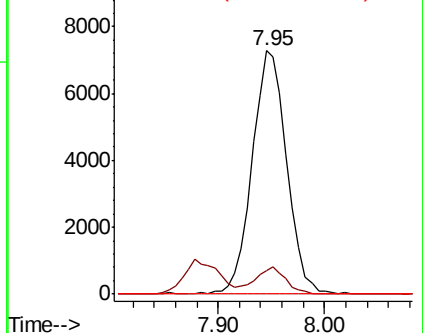
77 0.0 24.7 37.1#

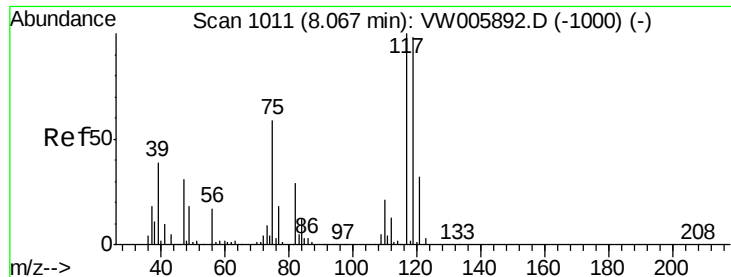


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.996 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampled :

S-30-V

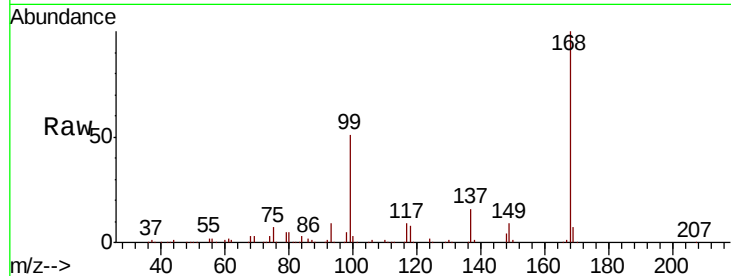
Tot Ion:117 Resp: 22640

Ion Ratio Lower Upper

117 100

119 4.6 78.6 117.8#

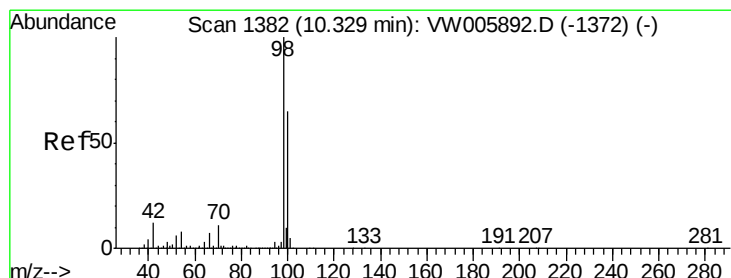
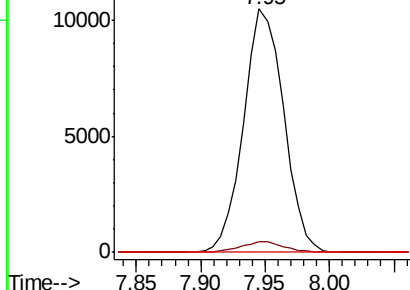
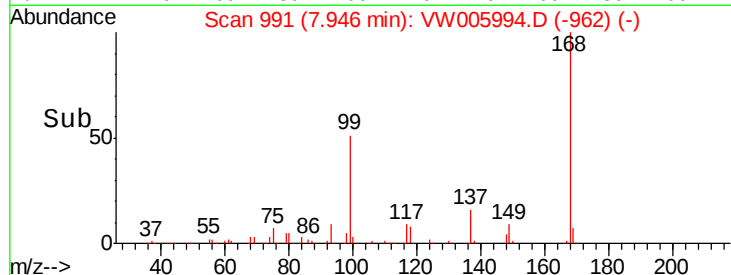
121 0.0 25.3 37.9#



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: 44.808 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005994.D

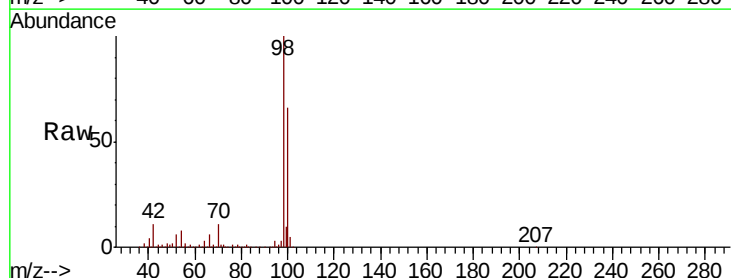
Acq: 10 Oct 2018 17:46

Tgt Ion: 98 Resp: 403699

Ion Ratio Lower Upper

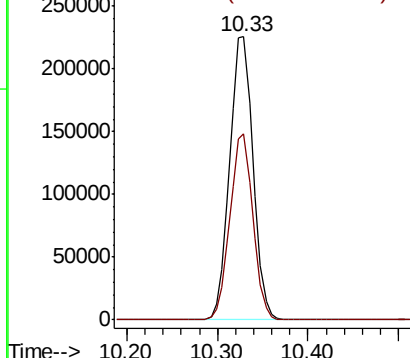
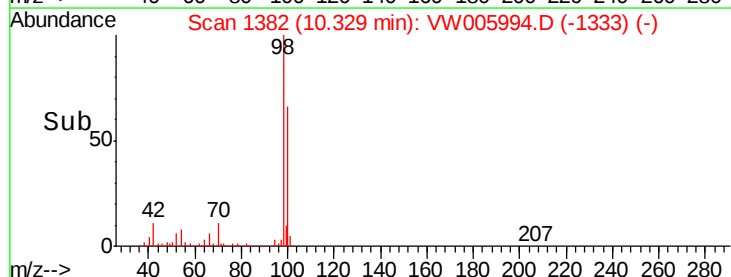
98 100

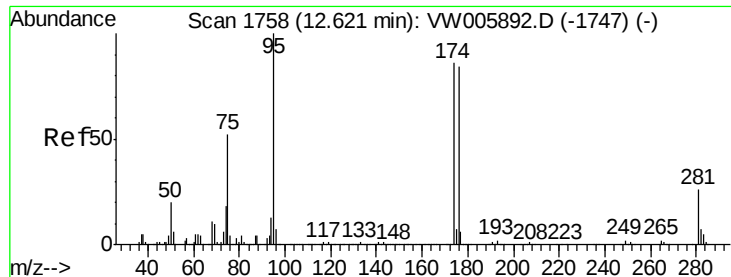
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.816 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

S-30-V

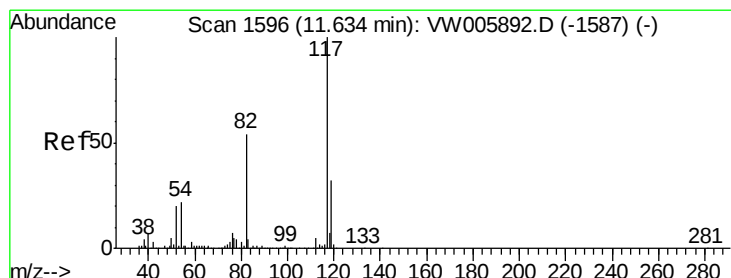
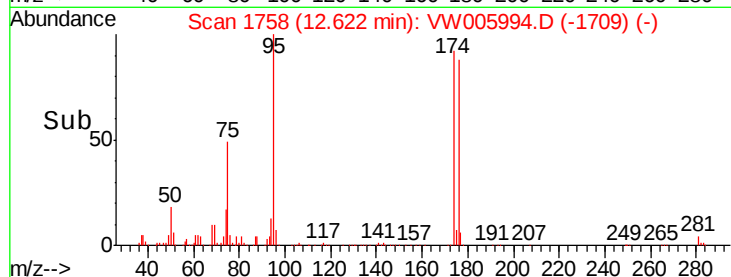
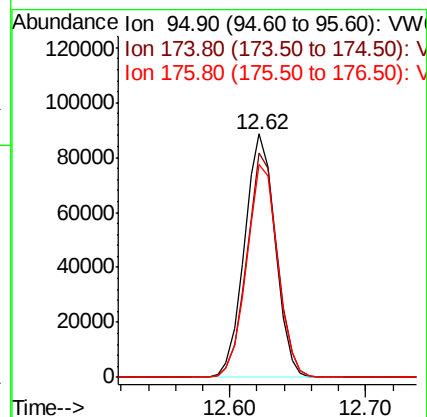
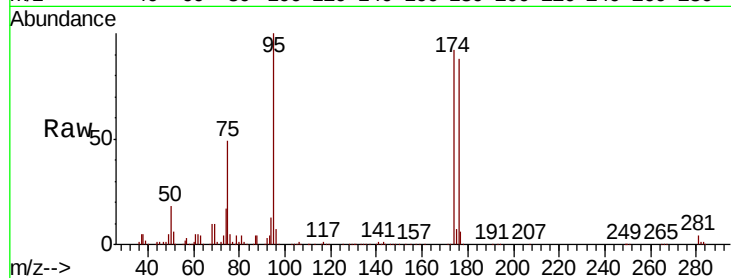
Tot Ion: 95 Resp: 139909

Ion Ratio Lower Upper

95 100

174 91.5 0.0 176.4

176 88.6 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: VW005994.D

Acq: 10 Oct 2018 17:46

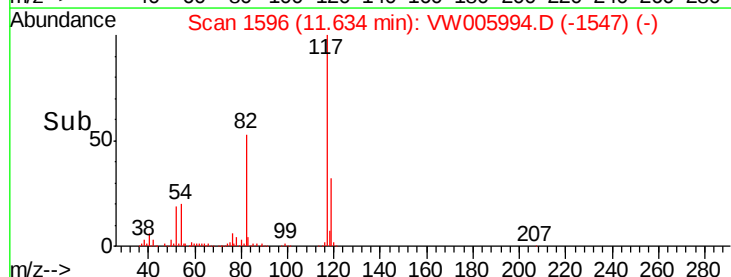
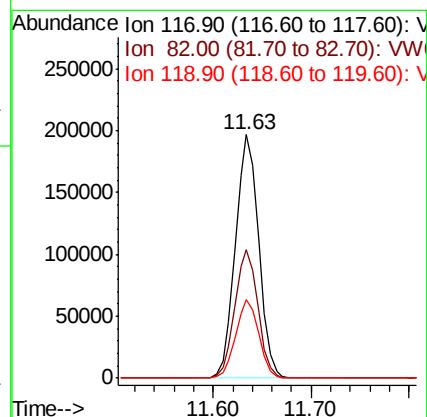
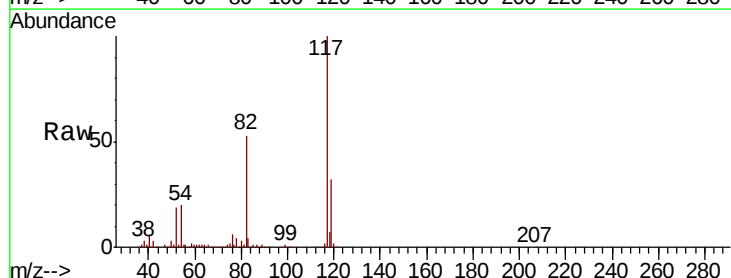
Tgt Ion: 117 Resp: 323967

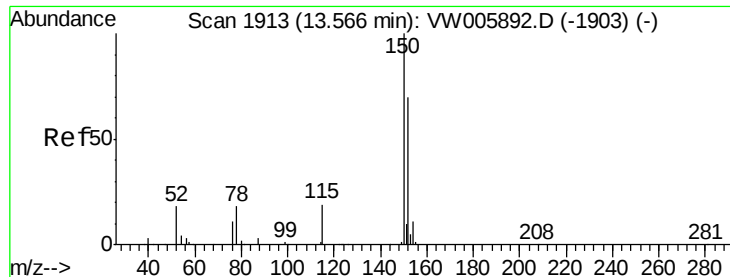
Ion Ratio Lower Upper

117 100

82 52.7 43.5 65.3

119 32.0 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: VW005994.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

S-30-V

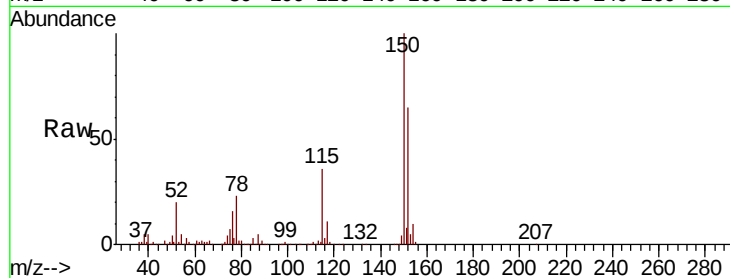
Tot Ion:152 Resp: 154334

Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

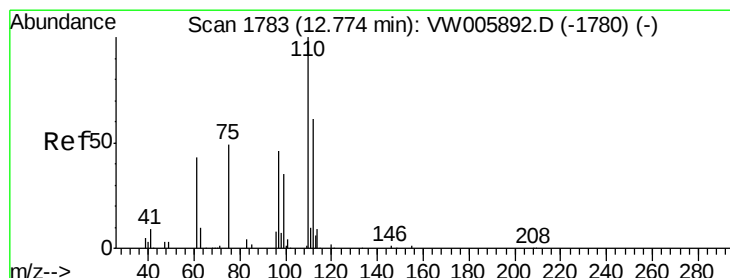
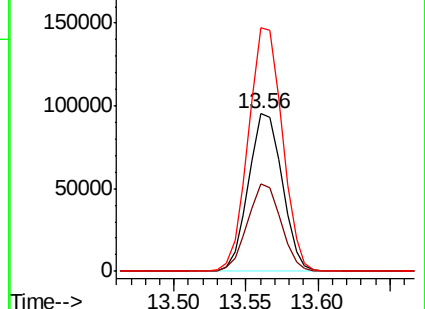
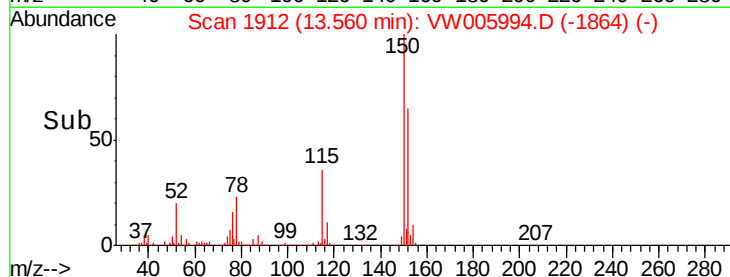
150 155.7 0.0 349.2



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: 50.156 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005994.D

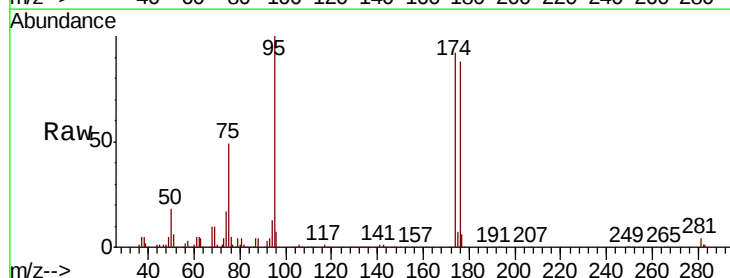
Acq: 10 Oct 2018 17:46

Tgt Ion: 75 Resp: 69147

Ion Ratio Lower Upper

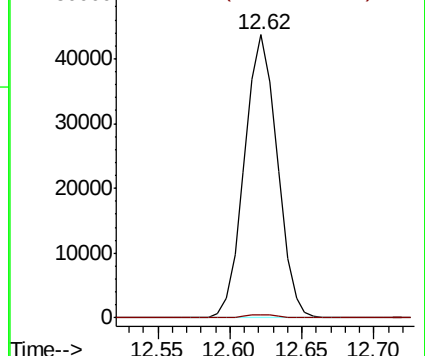
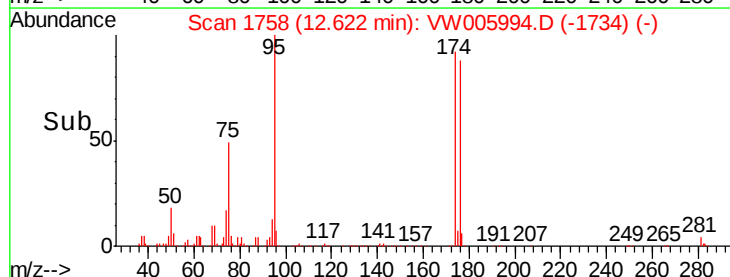
75 100

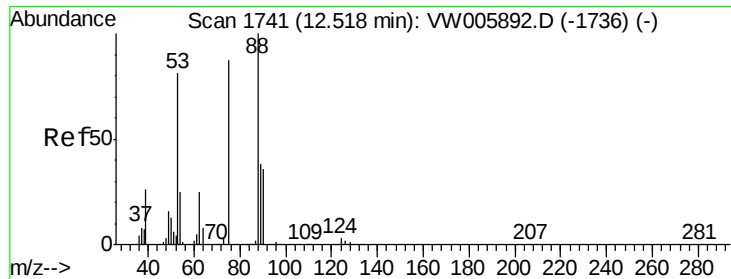
77 1.2 0.0 0.0#



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: 105.886 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005994.D

Acq: 10 Oct 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

S-30-V

Tot Ion: 75 Resp: 69147

Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

