

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
 Data File : VW005986.D
 Acq On : 10 Oct 2018 14:19
 Operator : SY/AP
 Sample : J5306-01RE
 Misc : 5.59G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-10-V

Quant Time: Oct 10 16:50:07 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	218511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	320371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	274673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	126485	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	106159	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
35) Dibromofluoromethane	7.88	113	101756	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.33	98	368210	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
62) 4-Bromofluorobenzene	12.62	95	120977	40.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.80%	

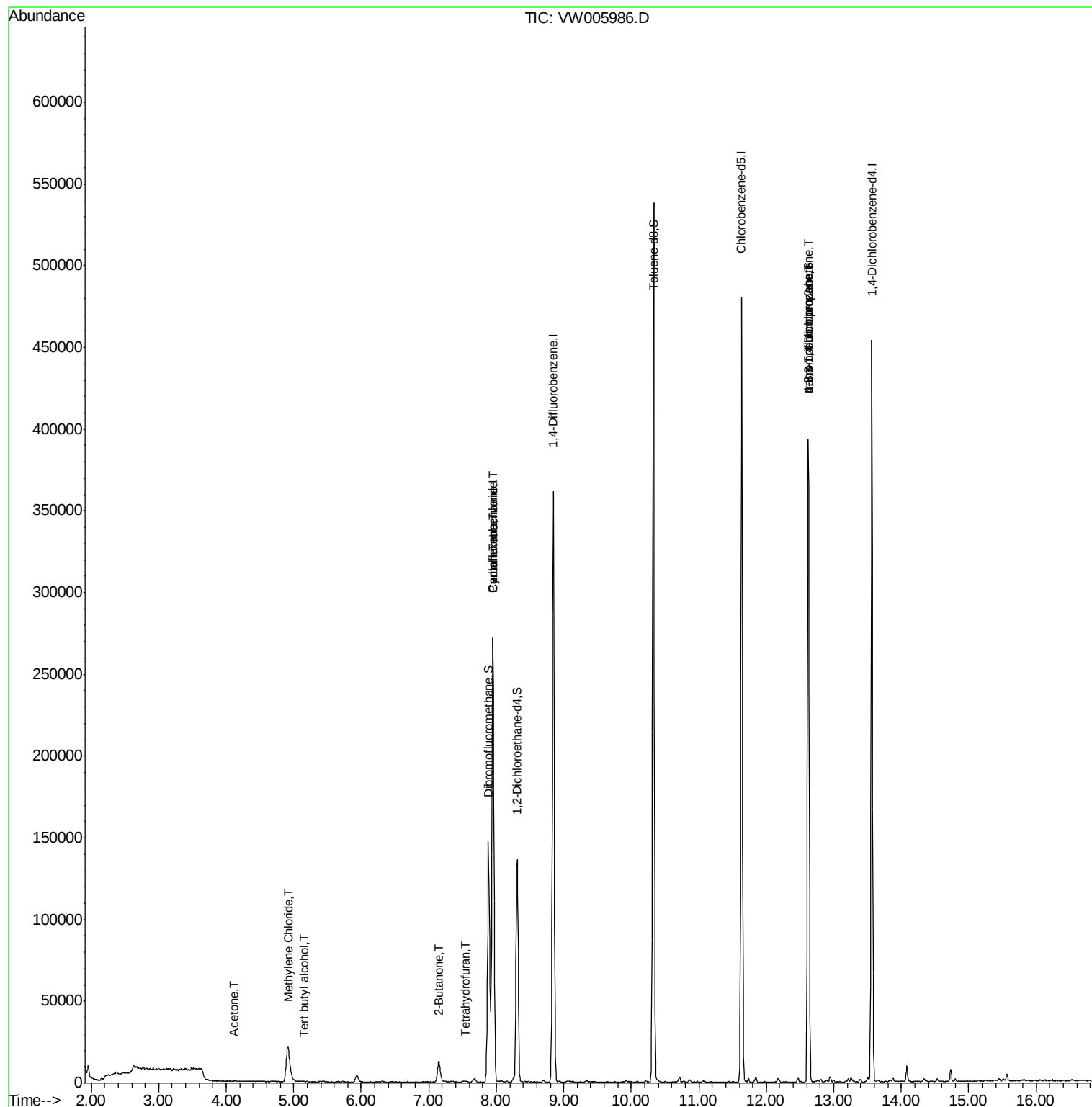
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	580	3.73	ug/l #	74
16) Acetone	4.12	43	758	1.79	ug/l #	81
20) Methylene Chloride	4.92	84	21080	9.93	ug/l	95
25) 2-Butanone	7.15	43	1207	2.00	ug/l #	49
29) Tetrahydrofuran	7.53	42	563	1.48	ug/l #	55
31) Cyclohexane	7.95	56	4683	1.26	ug/l #	17
38) Carbon Tetrachloride	7.95	117	19936	6.04	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	62184	55.04	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62184	116.19	ug/l #	11

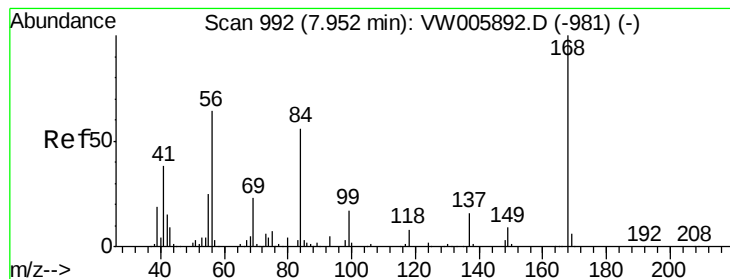
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101018\
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Quant Time: Oct 10 16:50:07 2018
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QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

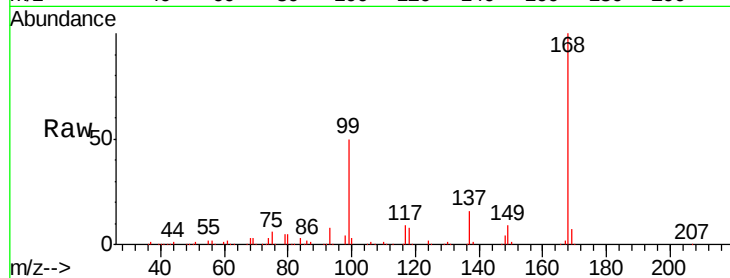
Instrument :
MSVOA_W
ClientSampled :
S-10-V

Tgt Ion: 168 Resp: 218511

Ion Ratio Lower Upper

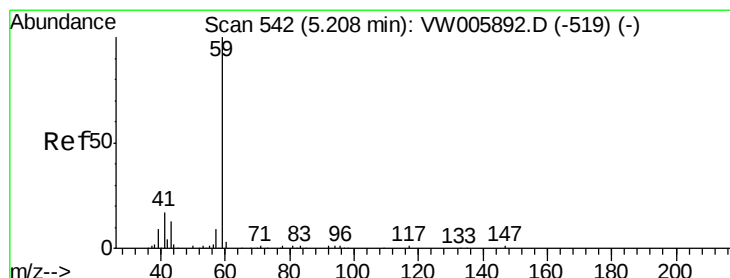
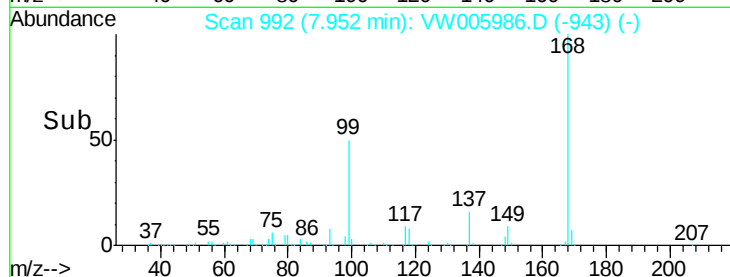
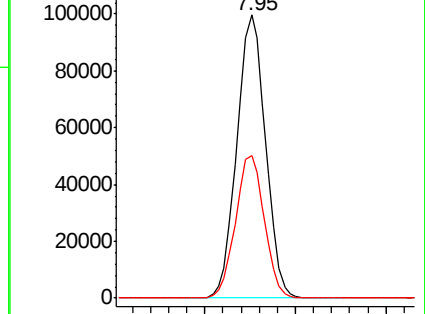
168 100

99 50.3 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: 3.73 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.05 min

Lab File: VW005986.D

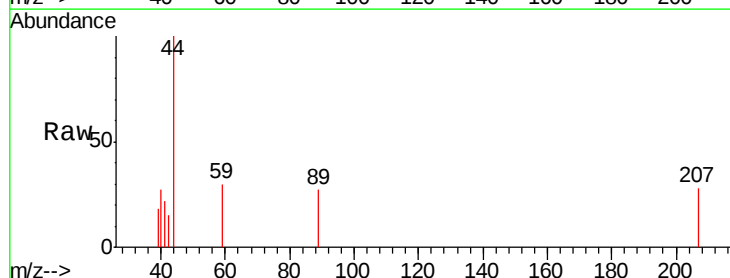
Acq: 10 Oct 2018 14:19

Tgt Ion: 59 Resp: 580

Ion Ratio Lower Upper

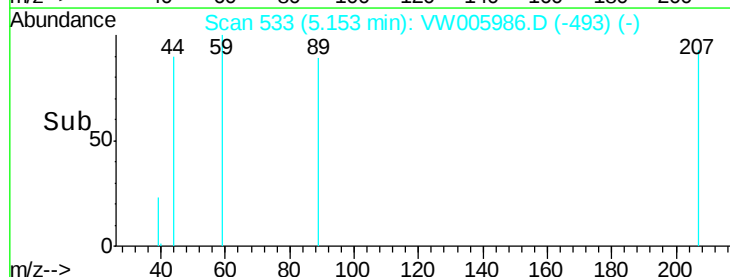
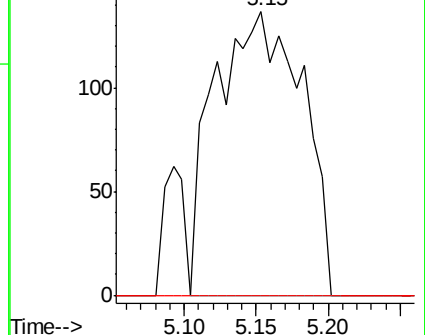
59 100

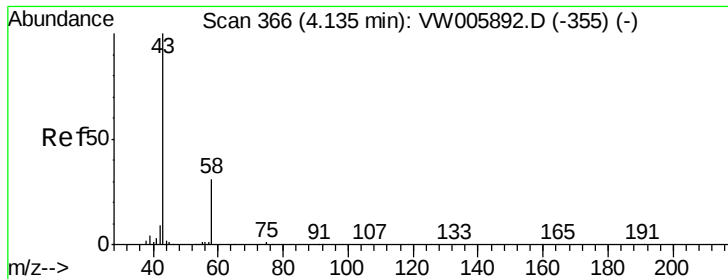
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 1.79 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampled :

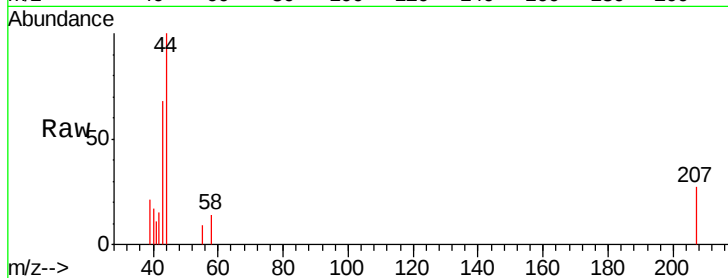
S-10-V

Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

58 20.7 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

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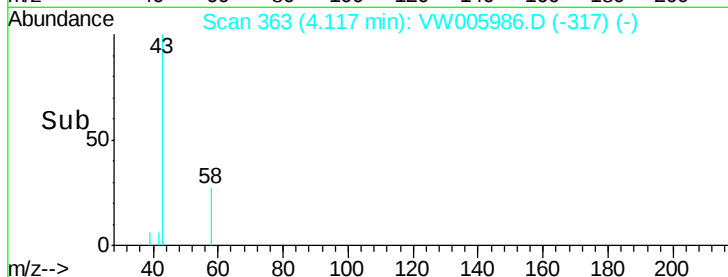
4.12

4.12

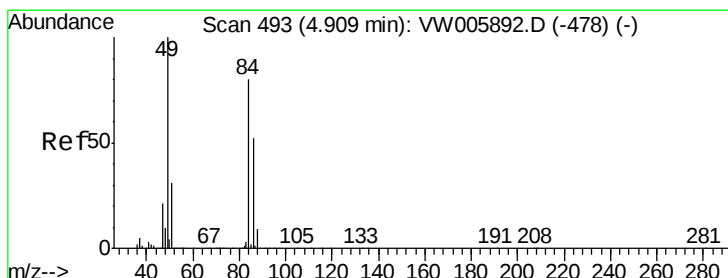
4.12

4.12

4.12



Time-->



#20

Methylene Chloride

Concen: 9.93 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Tgt Ion: 84 Resp: 21080

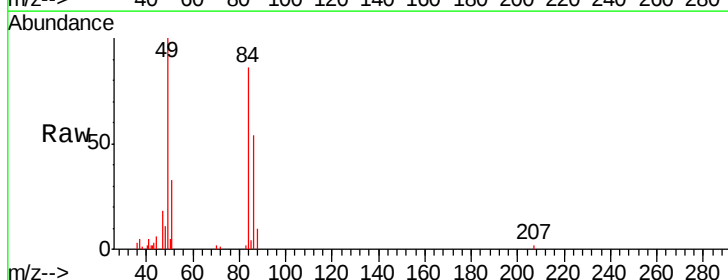
Ion Ratio Lower Upper

84 100

49 116.4 99.9 149.9

51 38.0 31.1 46.7

86 63.2 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

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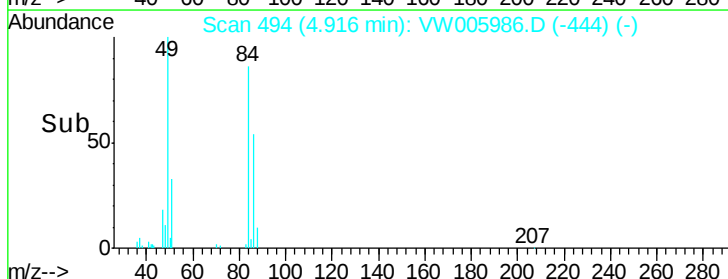
4.92

4.92

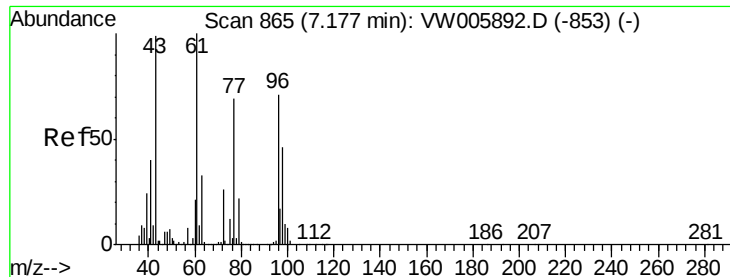
4.92

4.92

4.92



Time-->



#25

2-Butanone

Concen: 2.00 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampled :

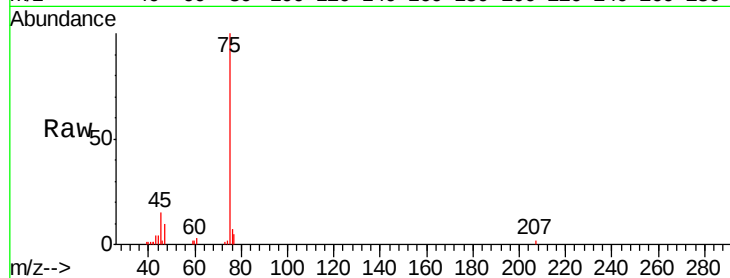
S-10-V

Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

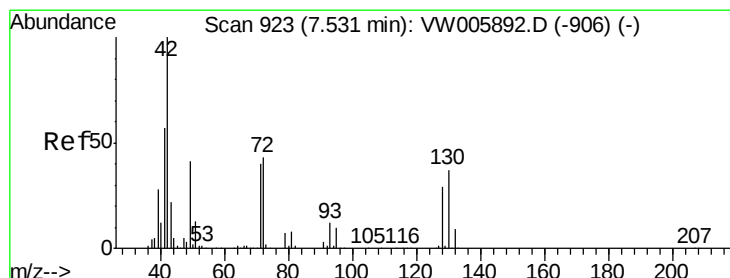
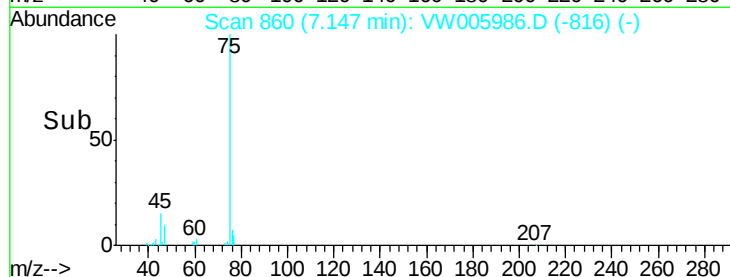
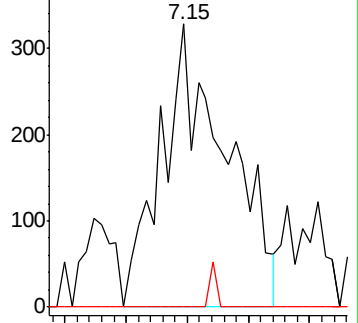
43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.48 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

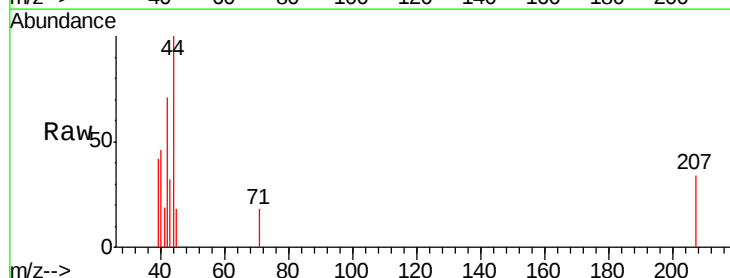
Tgt Ion: 42 Resp: 563

Ion Ratio Lower Upper

42 100

72 9.9 34.6 51.8#

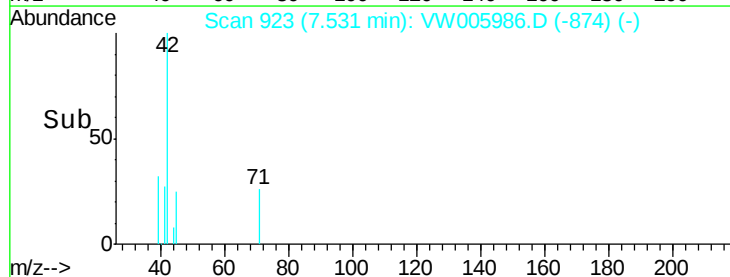
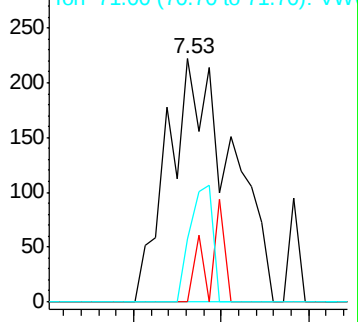
71 17.2 32.6 49.0#

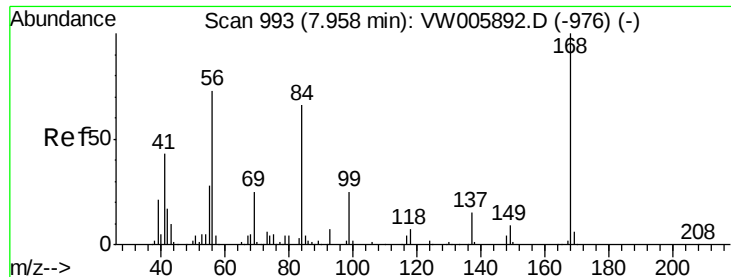


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

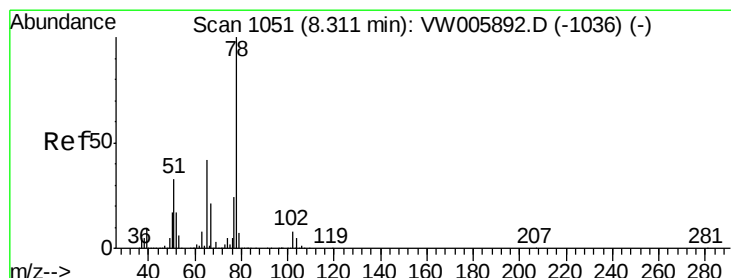
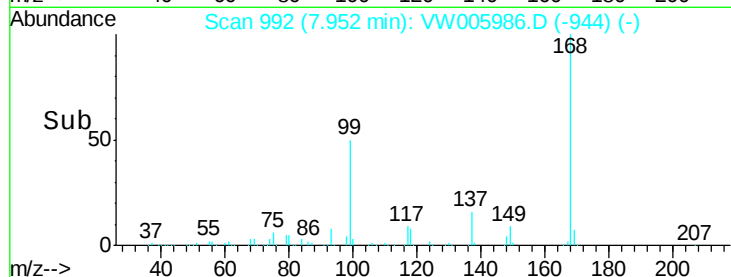
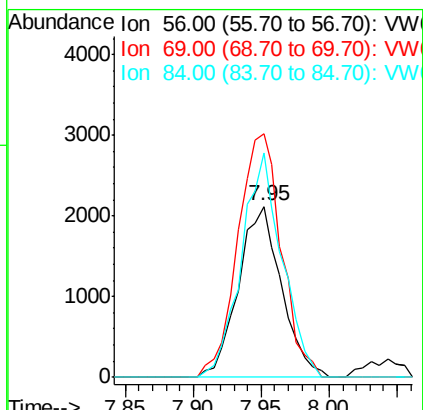
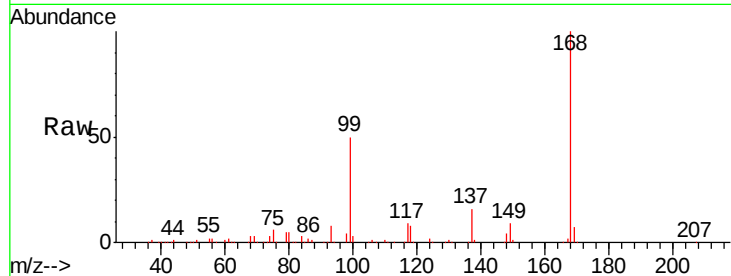




#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005986.D
Acq: 10 Oct 2018 14:19

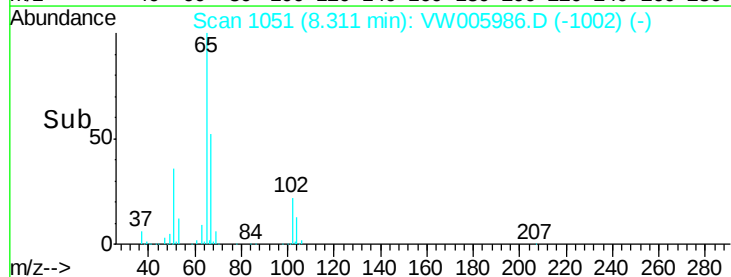
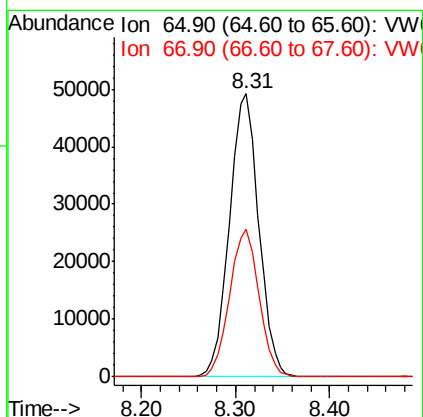
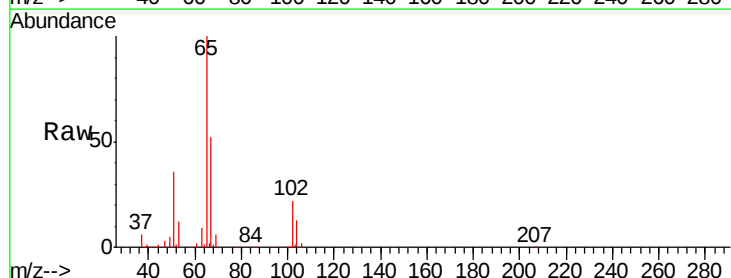
Instrument :
MSVOA_W
ClientSampled :
S-10-V

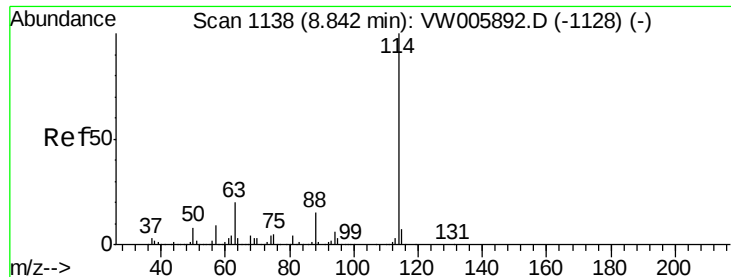
Tgt Ion: 56 Resp: 4683
Ion Ratio Lower Upper
56 100
69 142.7 27.9 41.9#
84 131.8 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 50.05 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005986.D
Acq: 10 Oct 2018 14:19

Tgt Ion: 65 Resp: 106159
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6

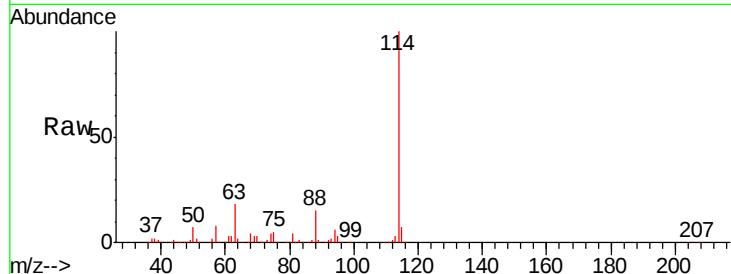




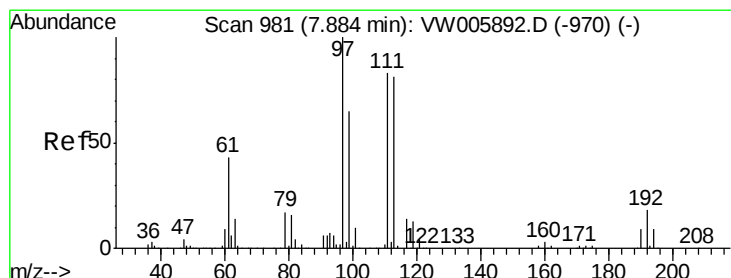
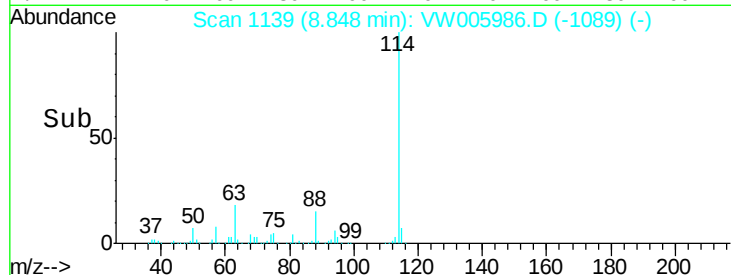
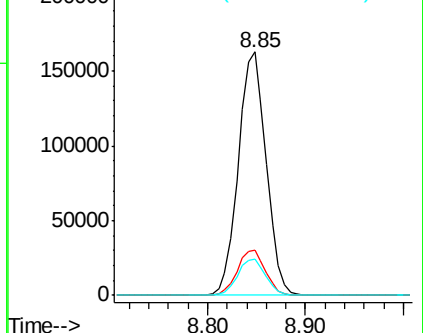
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005986.D
 Acq: 10 Oct 2018 14:19

Instrument :
 MSVOA_W
 ClientSampleId :
 S-10-V

Tgt Ion:114 Resp: 320371
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 15.0 0.0 30.8

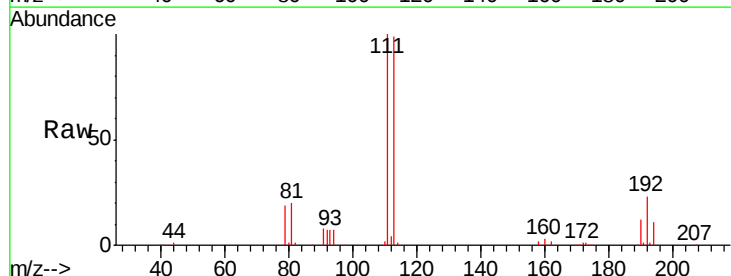


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

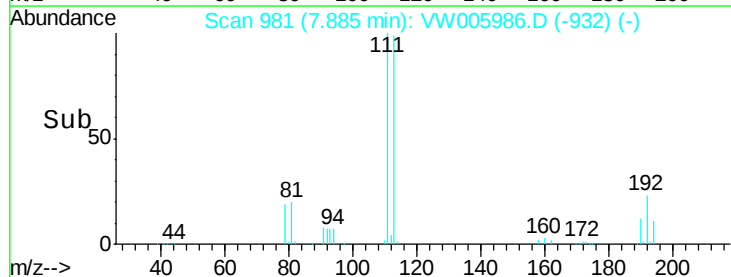
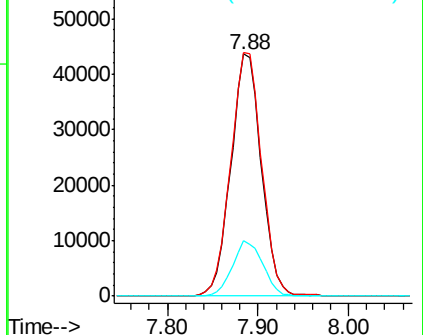


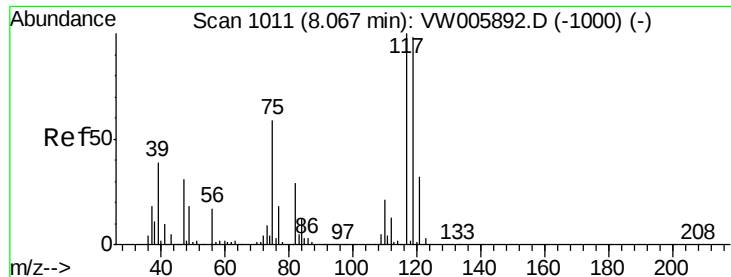
#35
 Dibromofluoromethane
 Concen: 49.75 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005986.D
 Acq: 10 Oct 2018 14:19

Tgt Ion:113 Resp: 101756
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 22.6 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





#38

Carbon Tetrachloride

Concen: 6.04 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

S-10-V

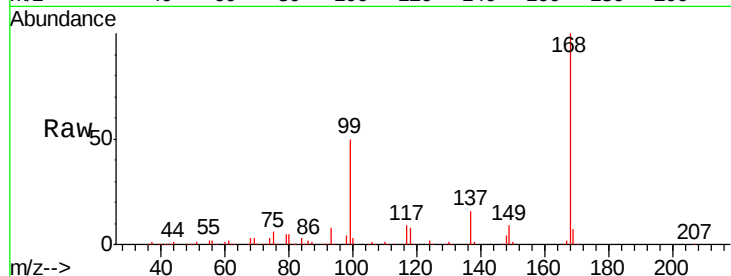
Tgt Ion:117 Resp: 19936

Ion Ratio Lower Upper

117 100

119 4.4 78.6 117.8#

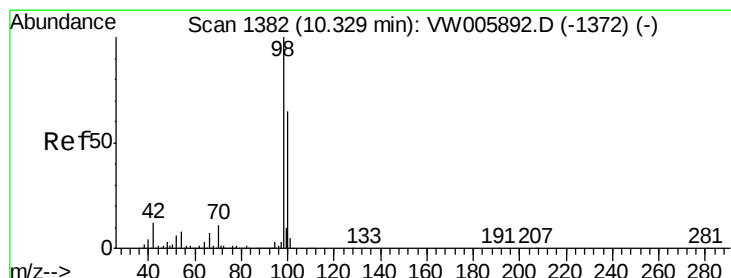
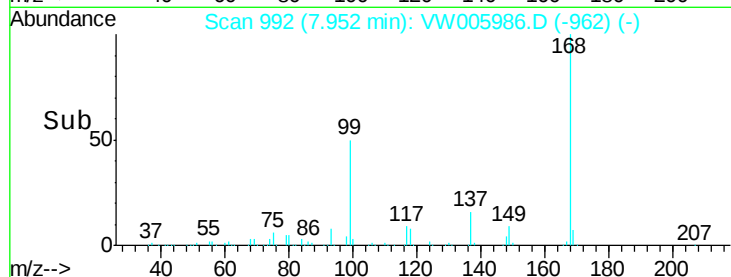
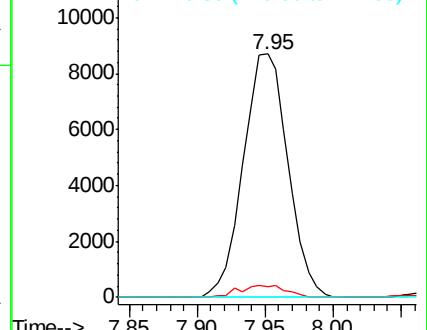
121 0.0 25.3 37.9#



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: 46.79 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005986.D

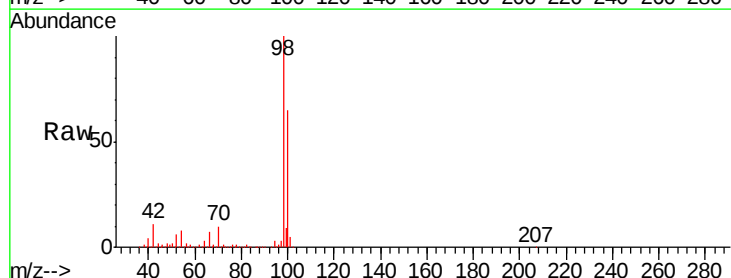
Acq: 10 Oct 2018 14:19

Tgt Ion: 98 Resp: 368210

Ion Ratio Lower Upper

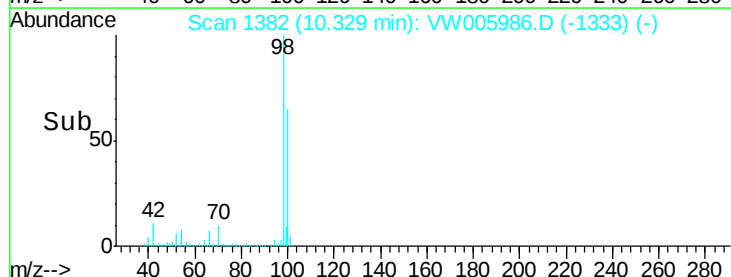
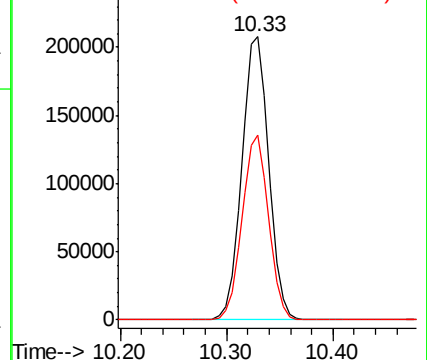
98 100

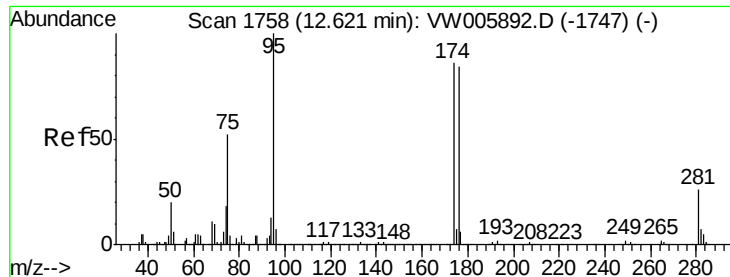
100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

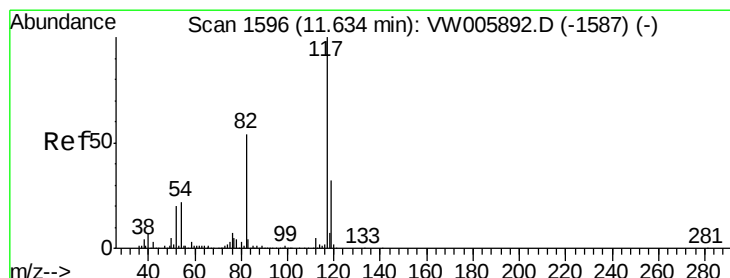
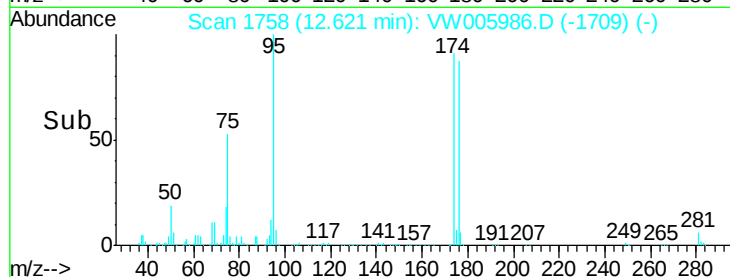
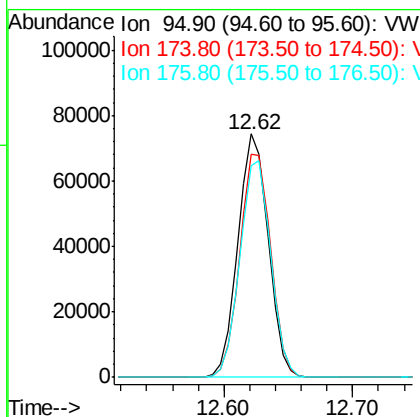
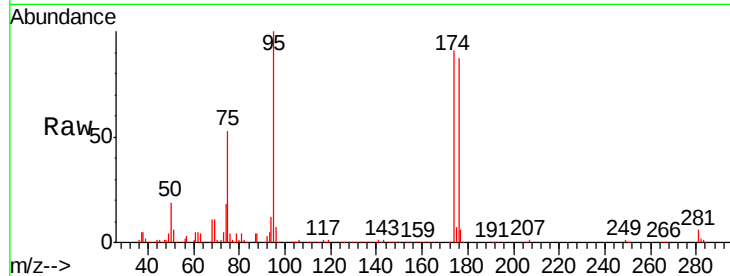




#62
4-Bromofluorobenzene
Concen: 40.40 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005986.D
Acq: 10 Oct 2018 14:19

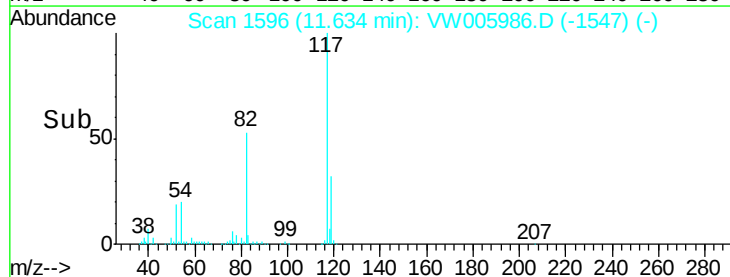
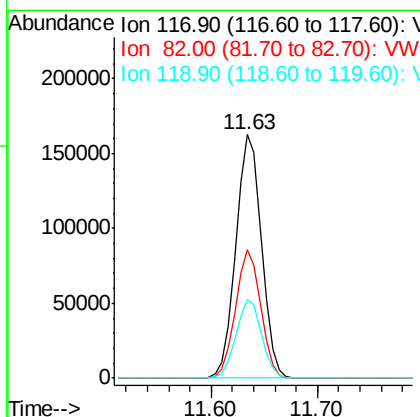
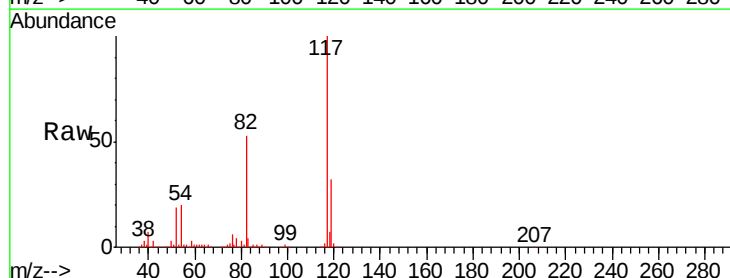
Instrument :
MSVOA_W
ClientSampleId :
S-10-V

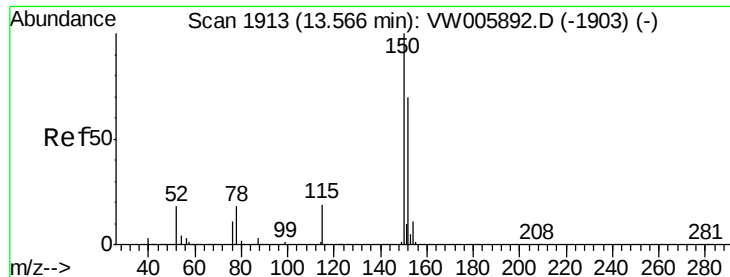
Tgt Ion: 95 Resp: 120977
Ion Ratio Lower Upper
95 100
174 93.2 0.0 176.4
176 90.1 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005986.D
Acq: 10 Oct 2018 14:19

Tgt Ion: 117 Resp: 274673
Ion Ratio Lower Upper
117 100
82 52.6 43.5 65.3
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

S-10-V

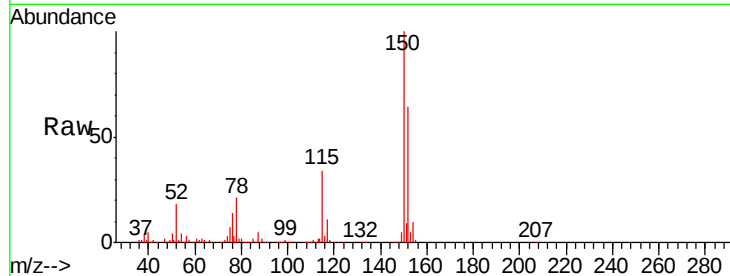
Tgt Ion: 152 Resp: 126485

Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

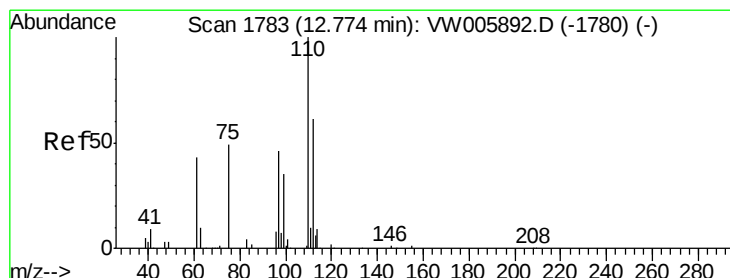
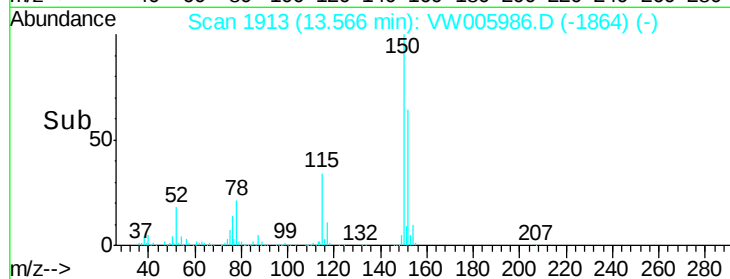
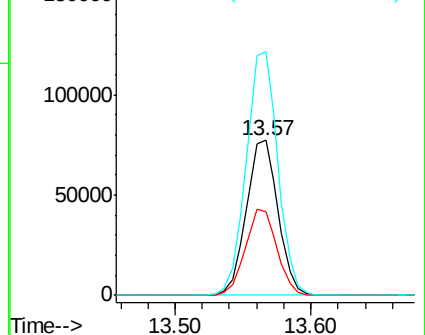
150 156.6 0.0 349.2



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: 55.04 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005986.D

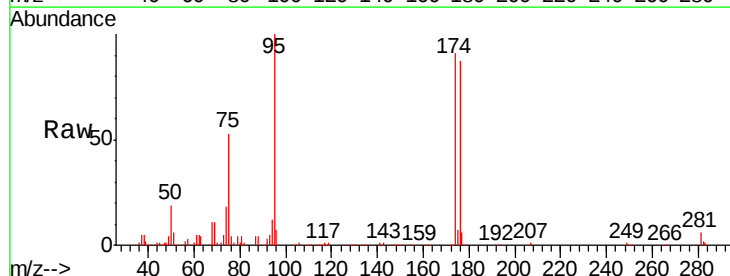
Acq: 10 Oct 2018 14:19

Tgt Ion: 75 Resp: 62184

Ion Ratio Lower Upper

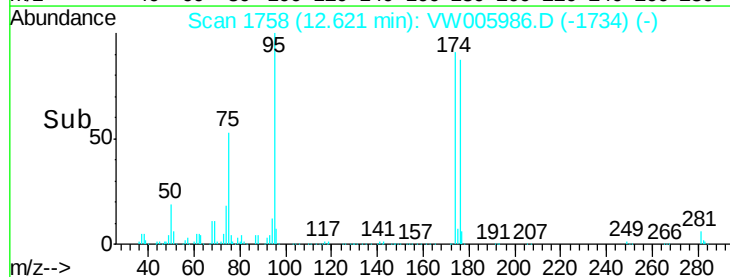
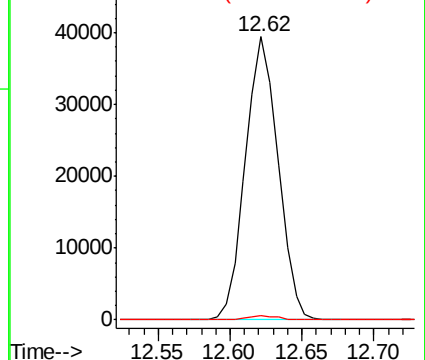
75 100

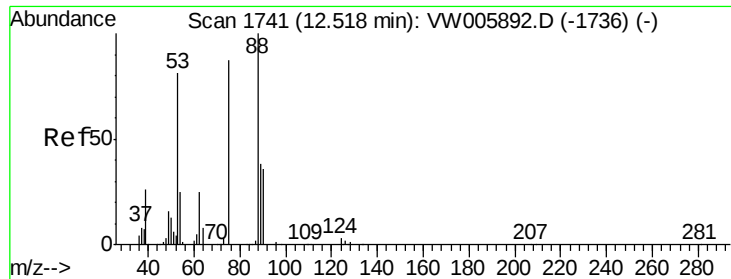
77 1.3 0.0 0.0#



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: 116.19 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005986.D

Acq: 10 Oct 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

S-10-V

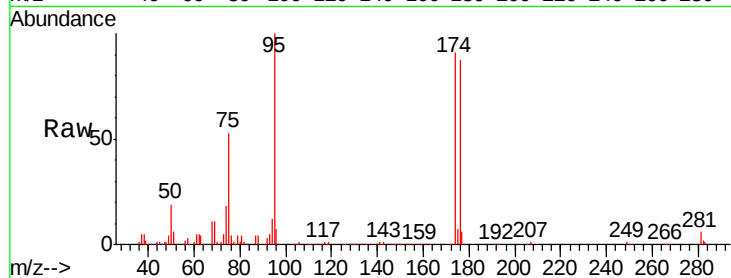
Tgt Ion: 75 Resp: 62184

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

