

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006617.D
 Acq On : 02 Nov 2018 22:09
 Operator : SY/AP
 Sample : J5741-47
 Misc : 6.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-12

Quant Time: Nov 03 00:28:16 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	246353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	362869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123299	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	95661	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
35) Dibromofluoromethane	7.88	113	95109	41.76	ug/l	0.00
Spiked Amount			Recovery	=	83.52%	
50) Toluene-d8	10.33	98	330230	38.09	ug/l	0.00
Spiked Amount			Recovery	=	76.18%	
62) 4-Bromofluorobenzene	12.62	95	95552	30.40	ug/l	0.00
Spiked Amount			Recovery	=	60.80%	

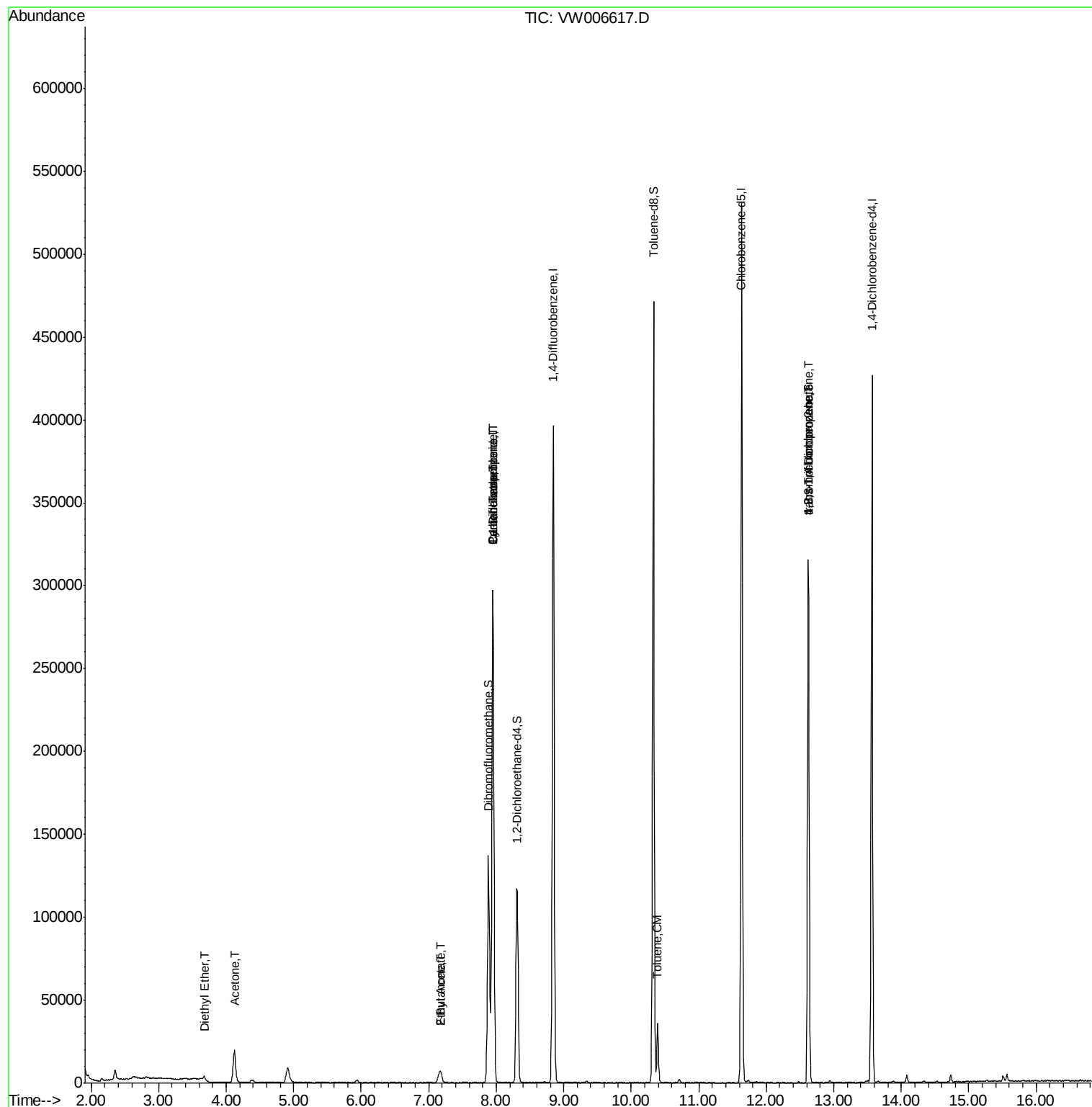
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1774	1.666	ug/l	93
16) Acetone	4.12	43	32771	95.852	ug/l	100
20) Methylene Chloride	4.91	84	8073	Below Cal		98
25) 2-Butanone	7.18	43	9122	18.698	ug/l	93
31) Cyclohexane	7.95	56	4159	1.233	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	15339	4.807	ug/l #	48
37) Ethyl Acetate	7.18	43	9122	8.249	ug/l #	66
38) Carbon Tetrachloride	7.95	117	21398	6.417	ug/l #	16
52) Toluene	10.39	92	15531	2.555	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	47177	49.040	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	47177	122.902	ug/l #	11

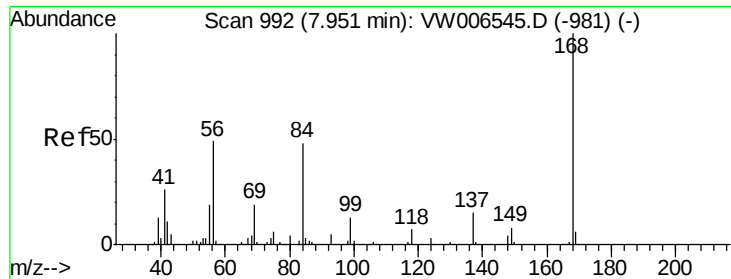
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
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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: VW006617.D

Acq: 02 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

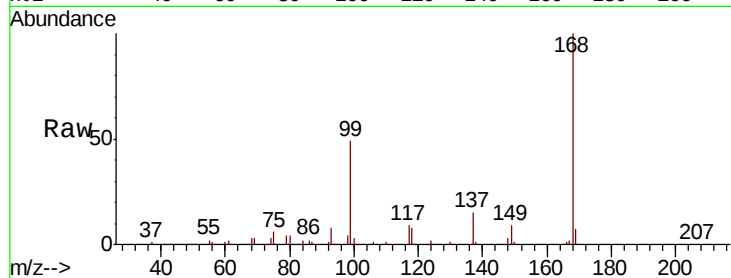
TP-12

Tgt Ion:168 Resp: 246353

Ion Ratio Lower Upper

168 100

99 48.7 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

120000

100000

80000

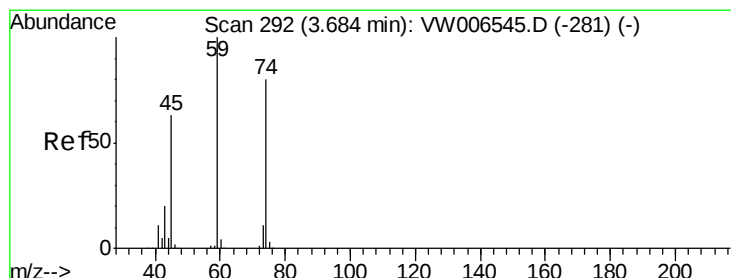
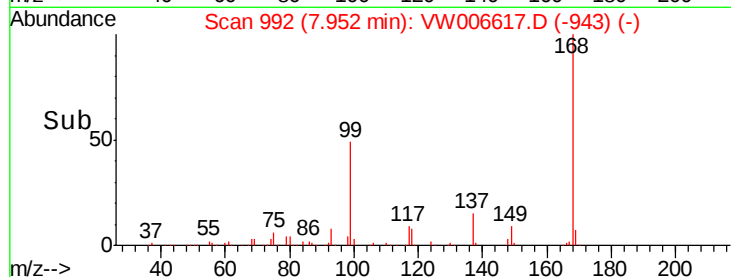
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.666 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006617.D

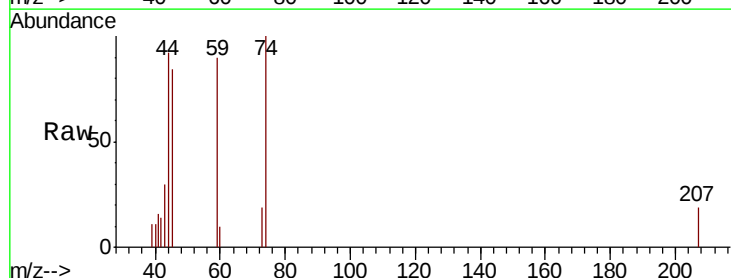
Acq: 02 Nov 2018 22:09

Tgt Ion: 74 Resp: 1774

Ion Ratio Lower Upper

74 100

45 88.3 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

800

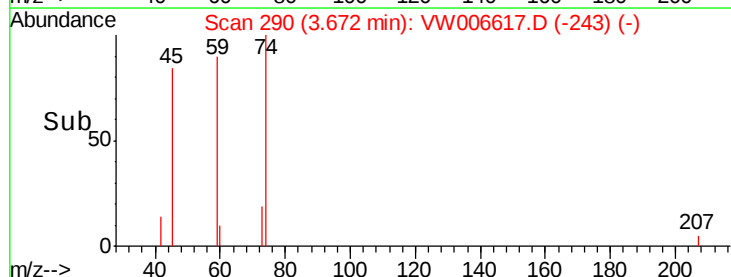
600

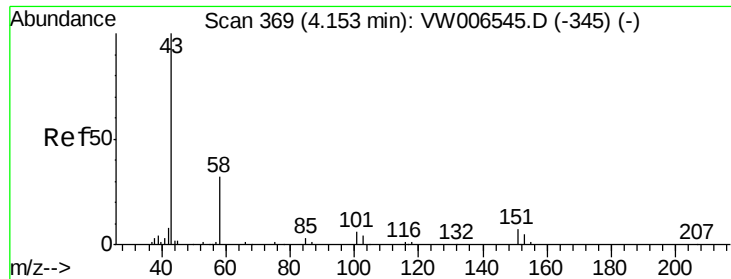
400

200

0

Time--> 3.60 3.65 3.70 3.75

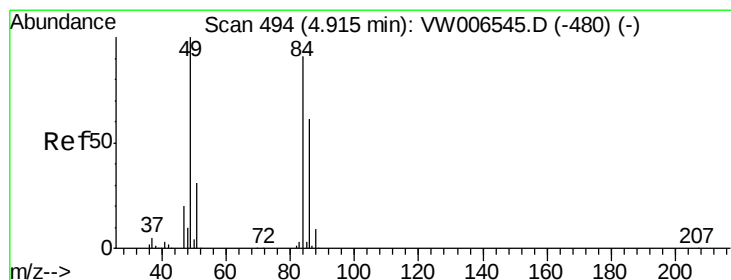
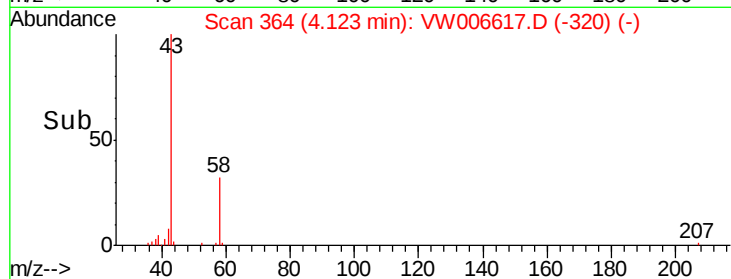
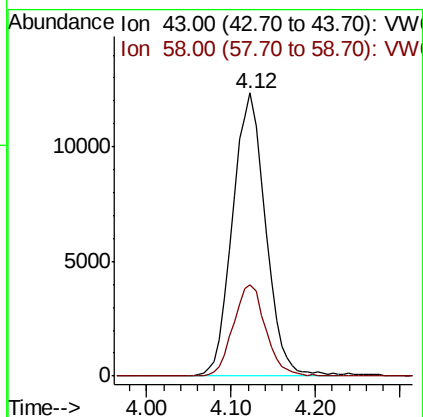
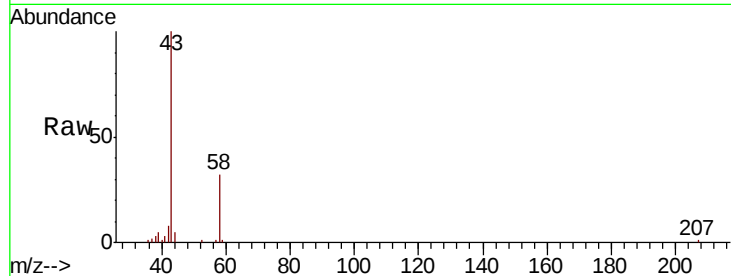




#16
Acetone
Concen: 95.852 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006617.D
Acq: 02 Nov 2018 22:09

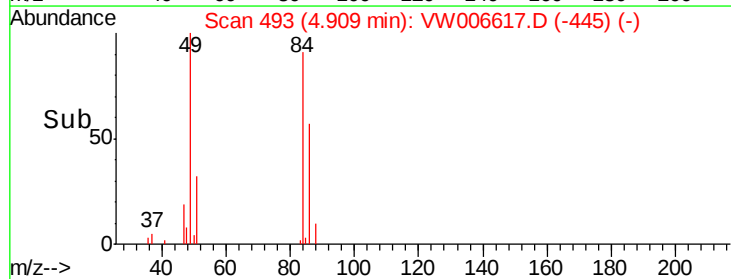
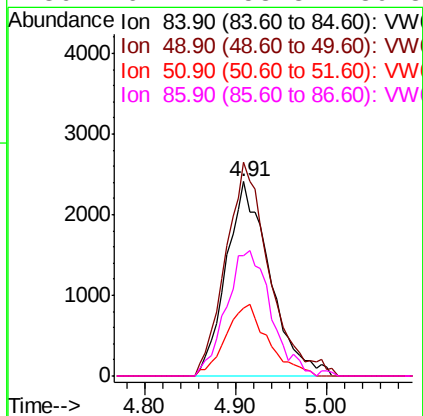
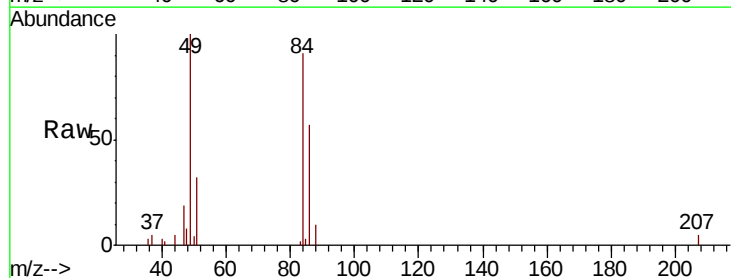
Instrument :
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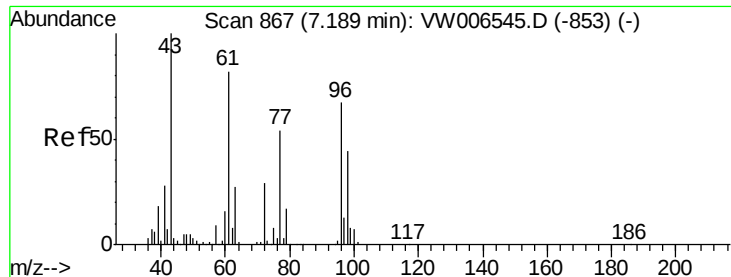
Tgt Ion: 43 Resp: 32771
Ion Ratio Lower Upper
43 100
58 32.1 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006617.D
Acq: 02 Nov 2018 22:09

Tgt Ion: 84 Resp: 8073
Ion Ratio Lower Upper
84 100
49 109.9 88.2 132.4
51 34.8 27.0 40.6
86 62.2 53.8 80.8





#25

2-Butanone

Concen: 18.698 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006617.D

Acq: 02 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

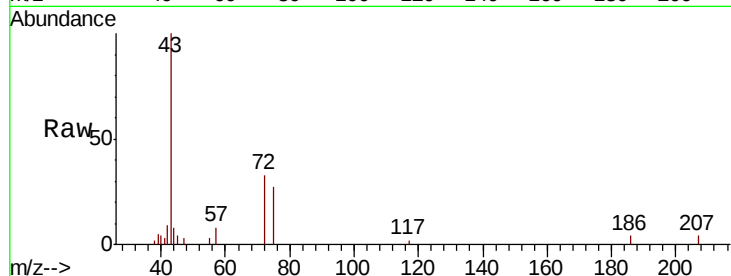
TP-12

Tgt Ion: 43 Resp: 9122

Ion Ratio Lower Upper

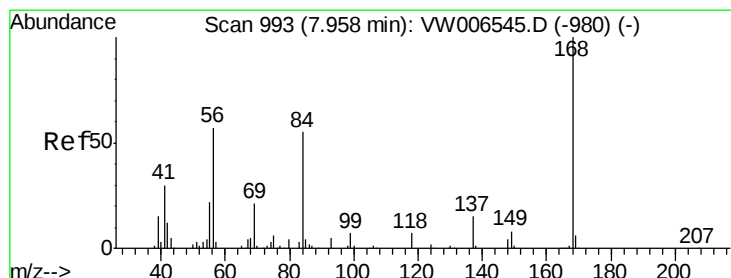
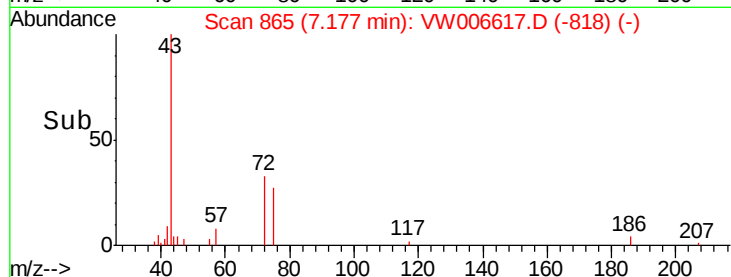
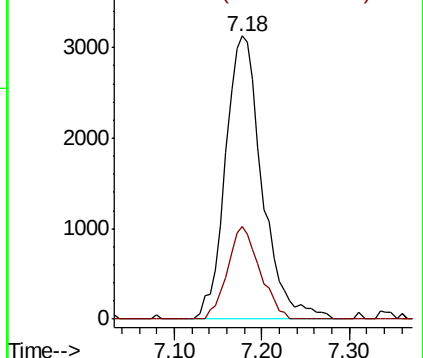
43 100

72 32.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.233 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006617.D

Acq: 02 Nov 2018 22:09

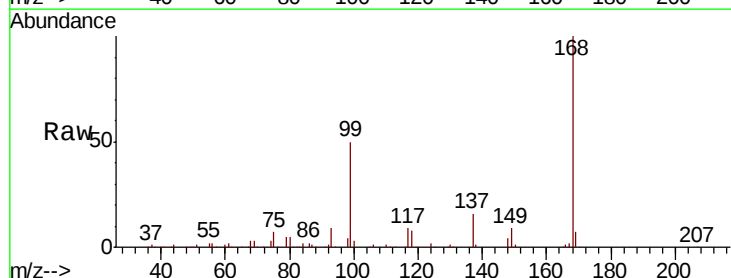
Tgt Ion: 56 Resp: 4159

Ion Ratio Lower Upper

56 100

69 162.7 29.0 43.4#

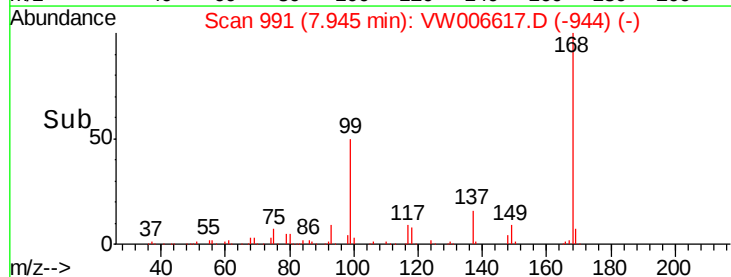
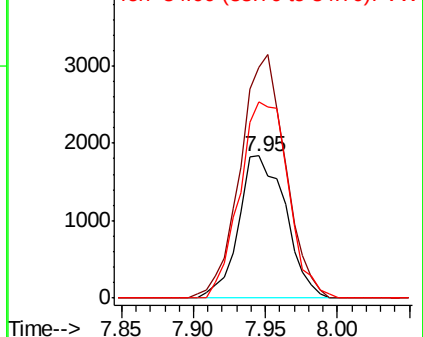
84 137.9 77.8 116.6#

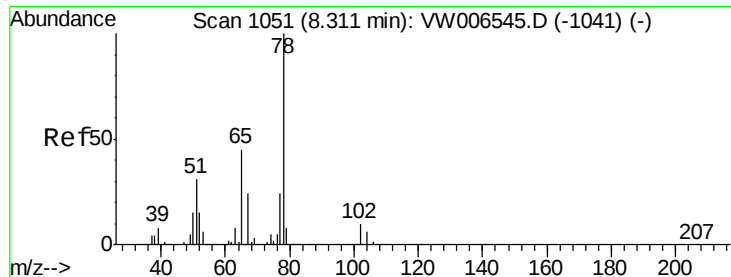


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

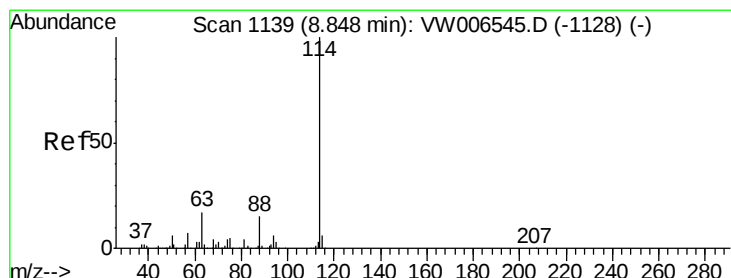
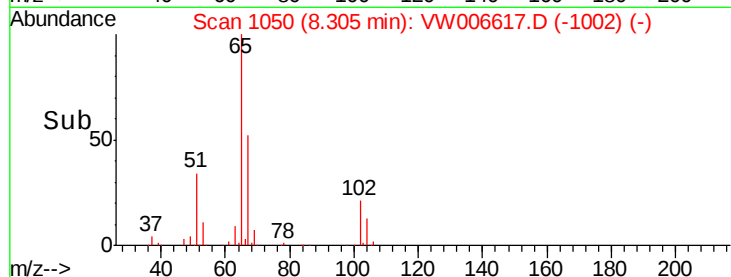
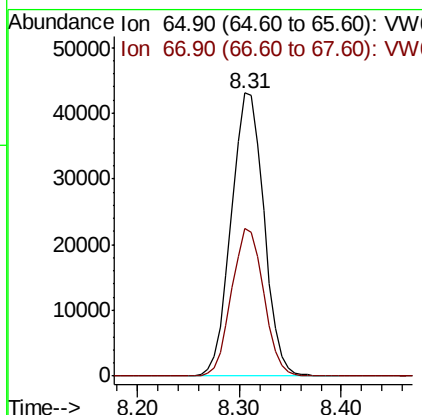
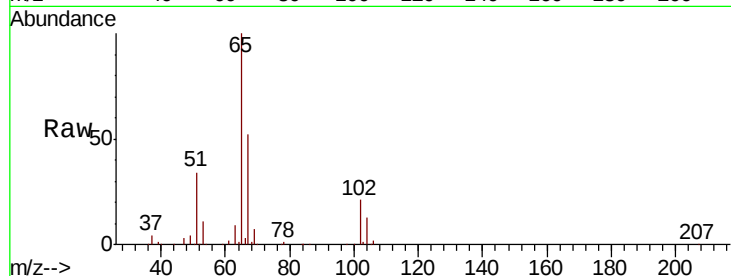




#33
 1,2-Dichloroethane-d4
 Concen: 45.173 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006617.D
 Acq: 02 Nov 2018 22:09

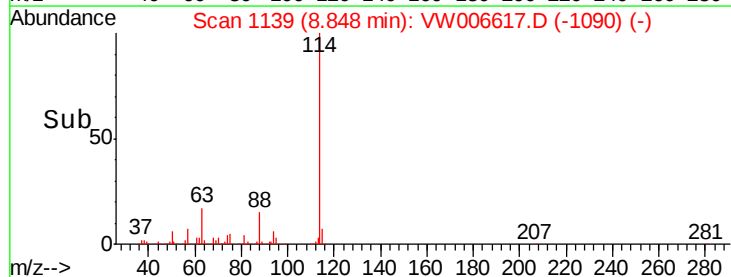
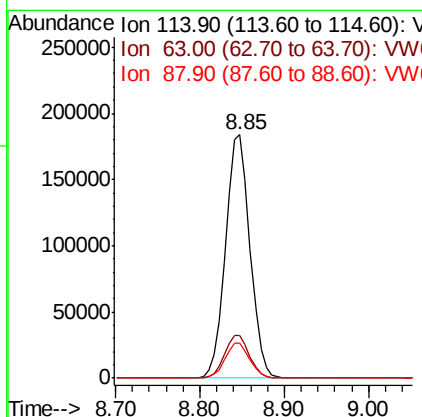
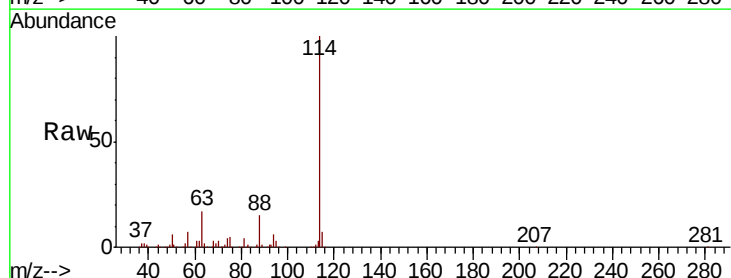
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-12

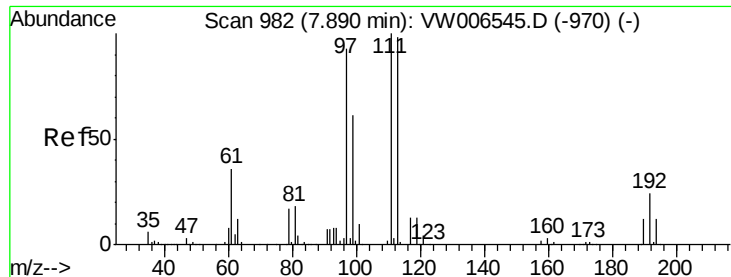
Tgt Ion: 65 Resp: 95661
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006617.D
 Acq: 02 Nov 2018 22:09

Tgt Ion: 114 Resp: 362869
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 41.764 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006617.D

Acq: 02 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampled :

TP-12

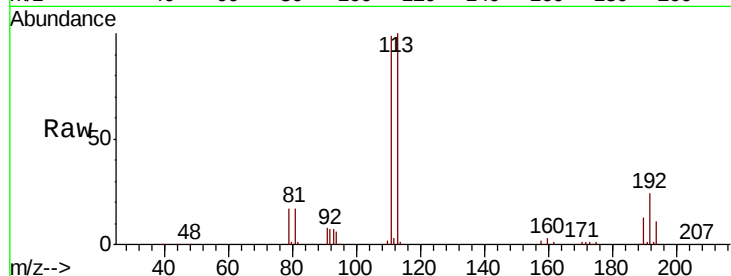
Tgt Ion:113 Resp: 95109

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

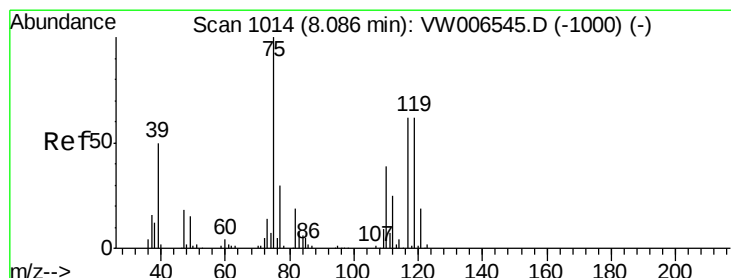
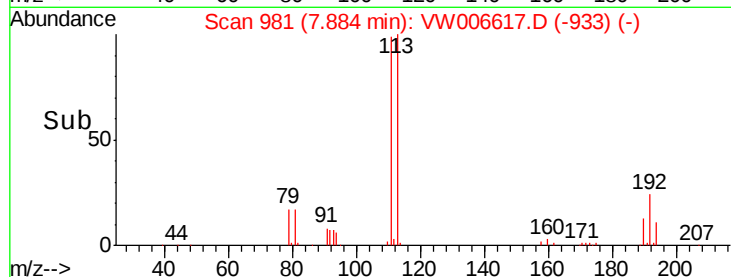
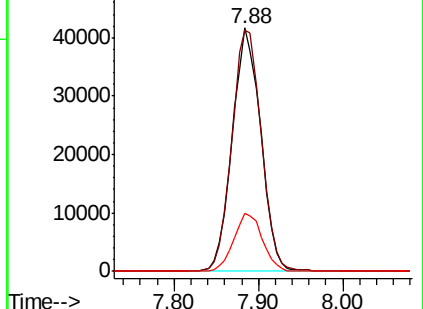
192 23.7 19.0 28.6



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: 4.807 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006617.D

Acq: 02 Nov 2018 22:09

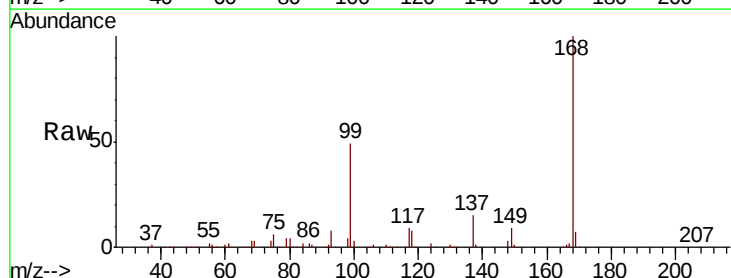
Tgt Ion: 75 Resp: 15339

Ion Ratio Lower Upper

75 100

110 9.6 19.5 58.5#

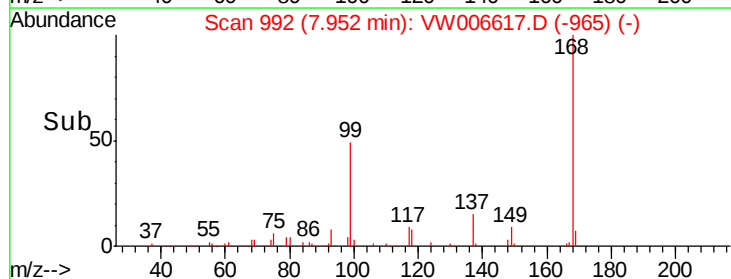
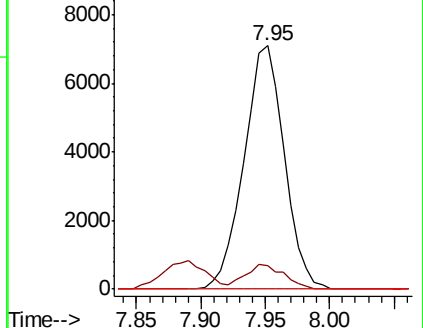
77 0.0 24.6 37.0#

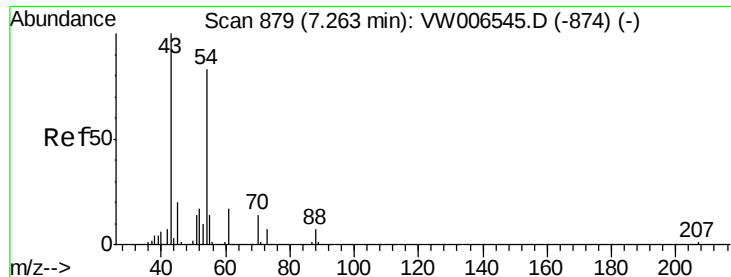


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

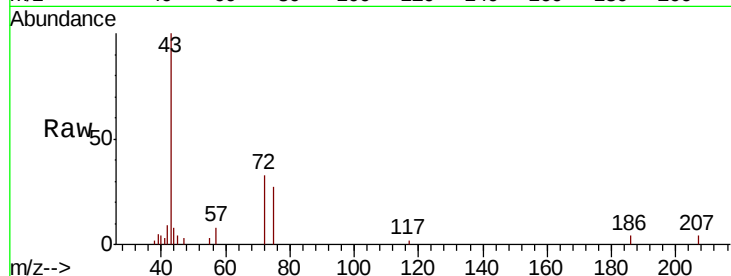




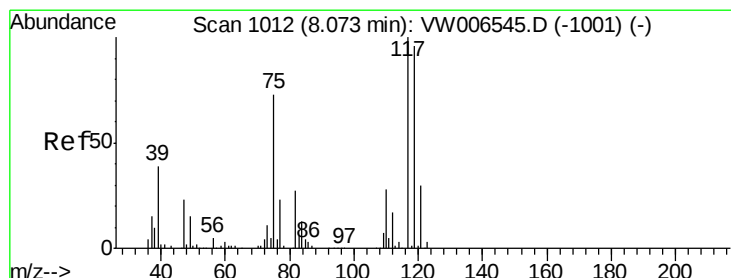
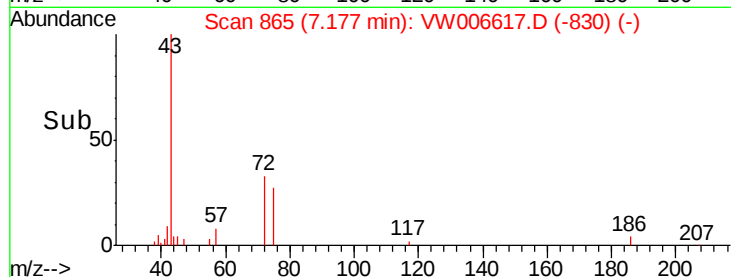
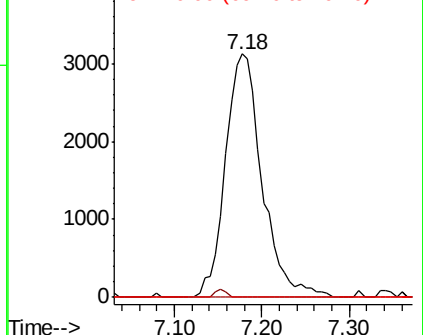
#37
Ethyl Acetate
Concen: 8.249 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.09 min
Lab File: VW006617.D
Acq: 02 Nov 2018 22:09

Instrument :
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ClientSampleId :
TP-12

Tgt Ion: 43 Resp: 9122
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 9.8 14.6#

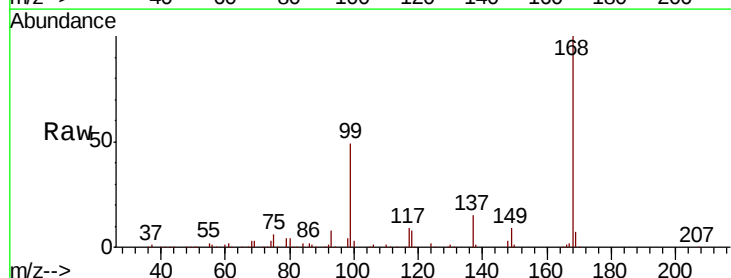


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

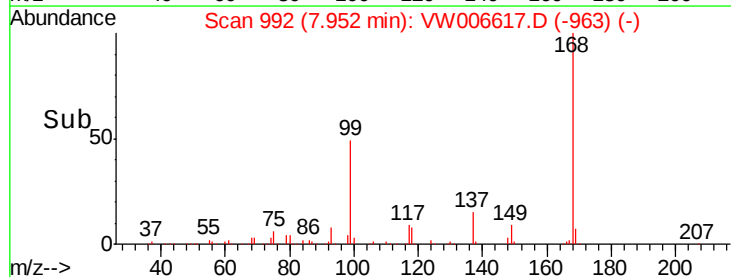
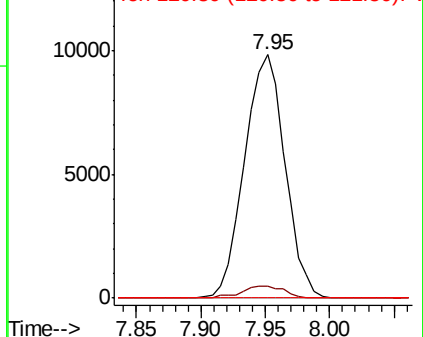


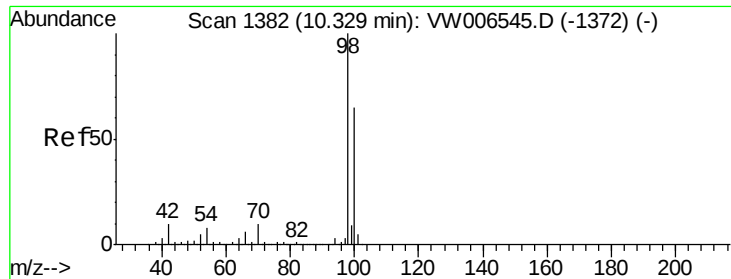
#38
Carbon Tetrachloride
Concen: 6.417 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006617.D
Acq: 02 Nov 2018 22:09

Tgt Ion: 117 Resp: 21398
Ion Ratio Lower Upper
117 100
119 4.8 76.3 114.5#
121 0.0 24.1 36.1#



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

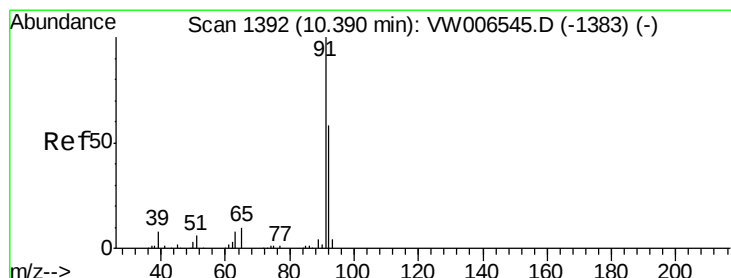
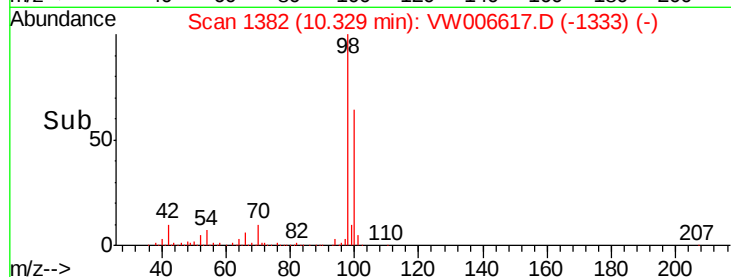
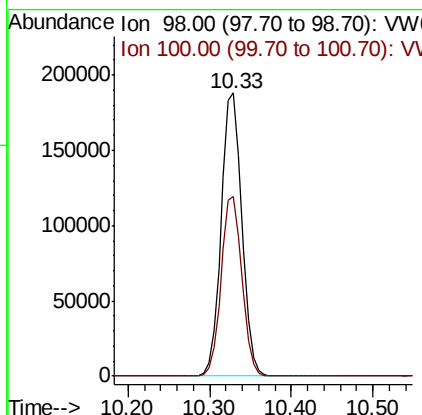
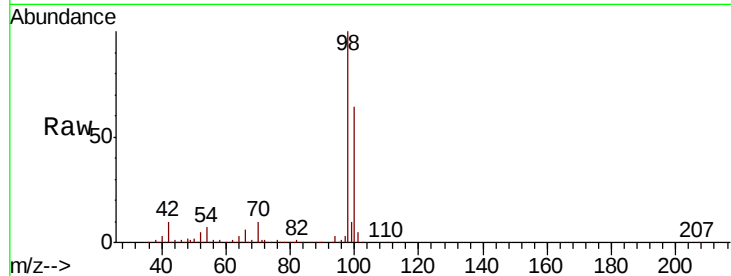




#50
Toluene-d8
Concen: 38.092 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006617.D
Acq: 02 Nov 2018 22:09

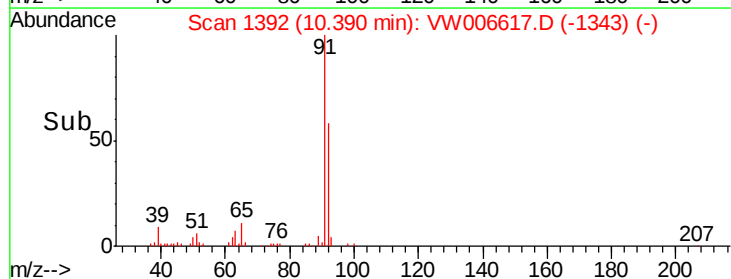
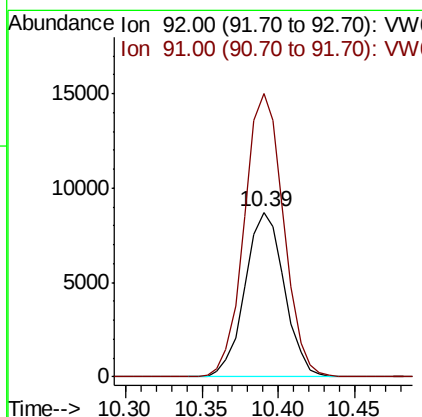
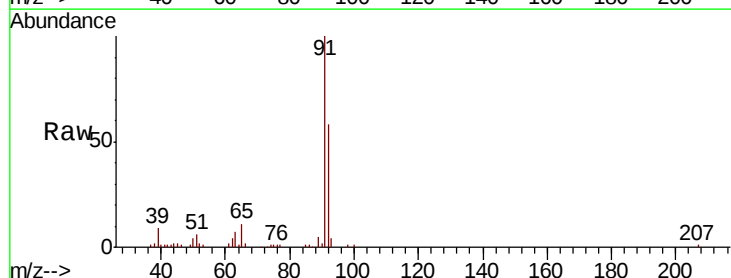
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MSVOA_W
ClientSampled :
TP-12

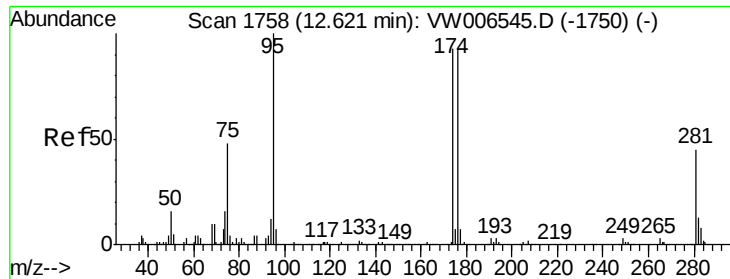
Tgt Ion: 98 Resp: 330230
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#52
Toluene
Concen: 2.555 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006617.D
Acq: 02 Nov 2018 22:09

Tgt Ion: 92 Resp: 15531
Ion Ratio Lower Upper
92 100
91 171.9 138.6 208.0

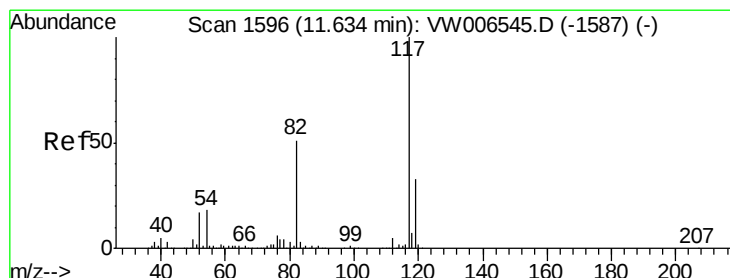
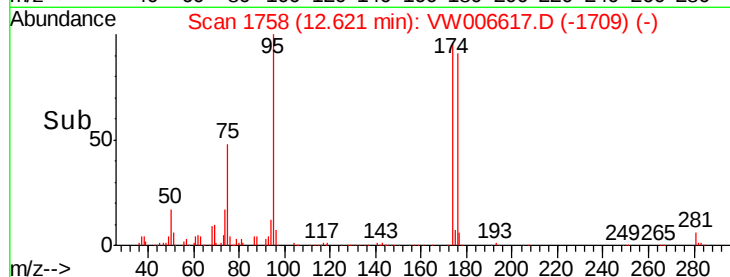
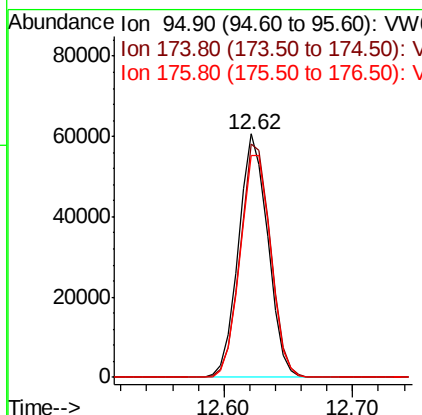
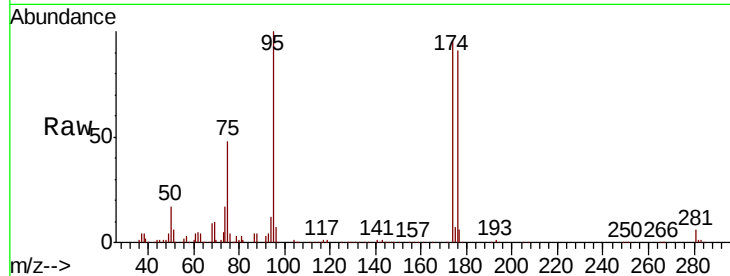




#62
4-Bromofluorobenzene
Concen: 30.402 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006617.D
Acq: 02 Nov 2018 22:09

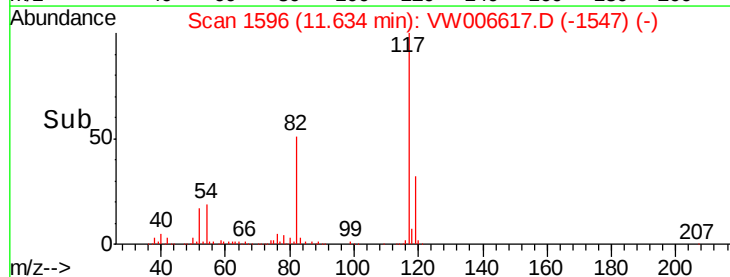
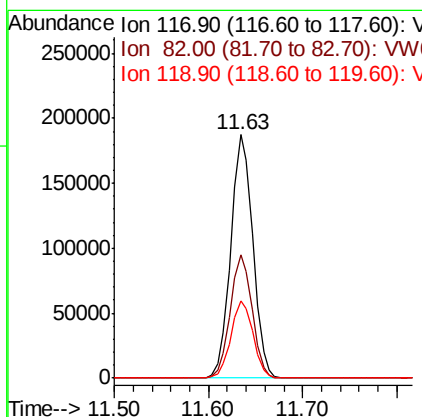
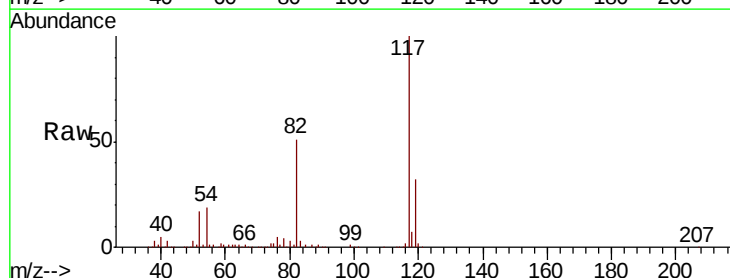
Instrument :
MSVOA_W
ClientSampleId :
TP-12

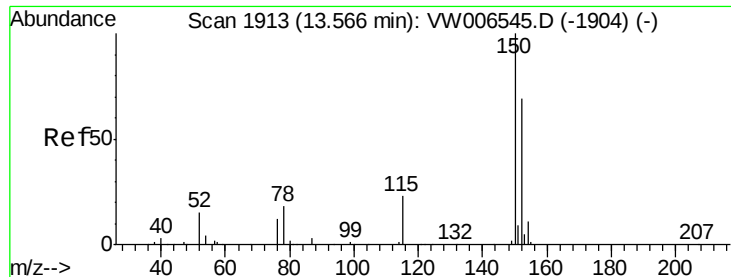
Tgt Ion: 95 Resp: 95552
Ion Ratio Lower Upper
95 100
174 98.4 0.0 192.4
176 95.2 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006617.D
Acq: 02 Nov 2018 22:09

Tgt Ion: 117 Resp: 303691
Ion Ratio Lower Upper
117 100
82 50.6 40.8 61.2
119 31.7 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: VW006617.D

Acq: 02 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampled :

TP-12

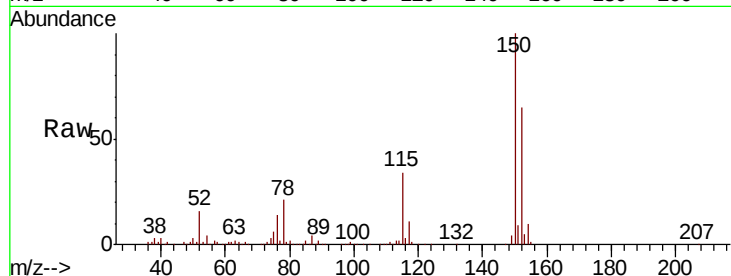
Tgt Ion:152 Resp: 123299

Ion Ratio Lower Upper

152 100

115 53.2 26.6 79.8

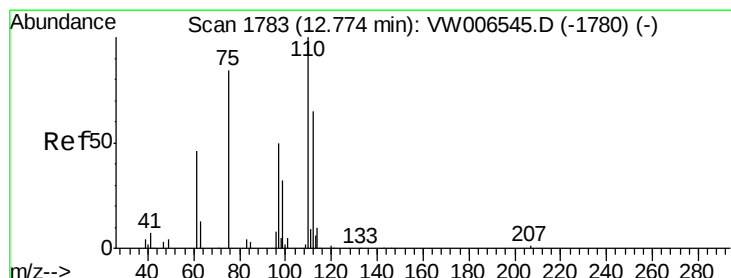
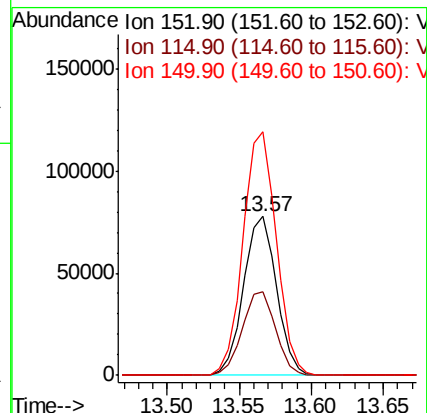
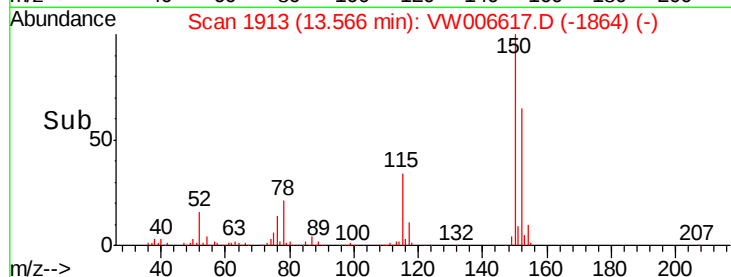
150 154.6 0.0 344.6



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: 49.040 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006617.D

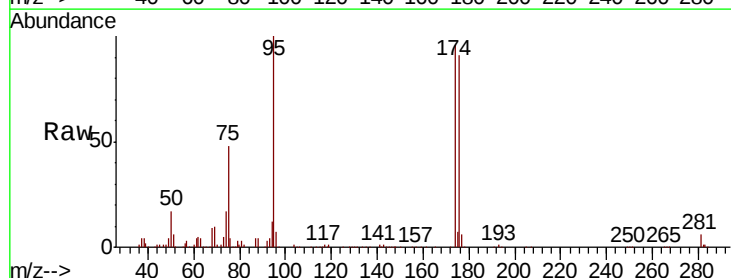
Acq: 02 Nov 2018 22:09

Tgt Ion: 75 Resp: 47177

Ion Ratio Lower Upper

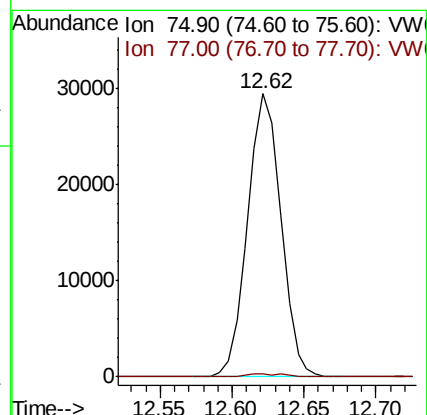
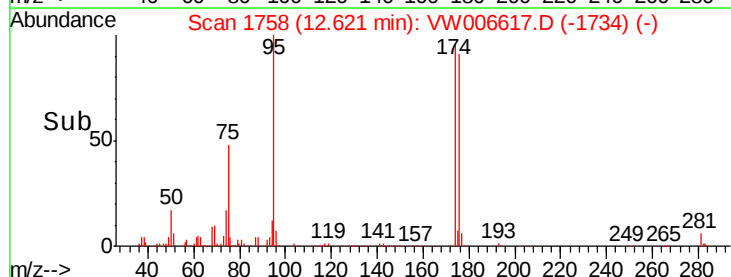
75 100

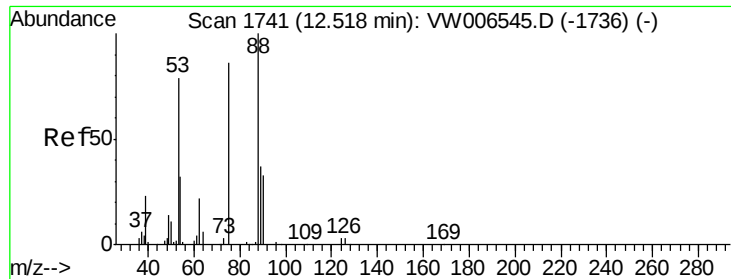
77 1.2 0.0 0.0#



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: 122.902 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006617.D

Acq: 02 Nov 2018 22:09

Instrument :

MSVOA_W

ClientSampleId :

TP-12

Tgt Ion: 75 Resp: 47177

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

