

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
 Data File : VW006532.D
 Acq On : 31 Oct 2018 17:53
 Operator : SY/AP
 Sample : J5675-05RE
 Misc : 5.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-13

Quant Time: Oct 31 18:17:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	369961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	133619	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	88517	41.11	ug/l	0.00
Spiked Amount			Recovery	=	82.22%	
35) Dibromofluoromethane	7.89	113	89186	40.80	ug/l	0.00
Spiked Amount			Recovery	=	81.60%	
50) Toluene-d8	10.33	98	336498	40.46	ug/l	0.00
Spiked Amount			Recovery	=	80.92%	
62) 4-Bromofluorobenzene	12.62	95	105196	33.68	ug/l	0.00
Spiked Amount			Recovery	=	67.36%	

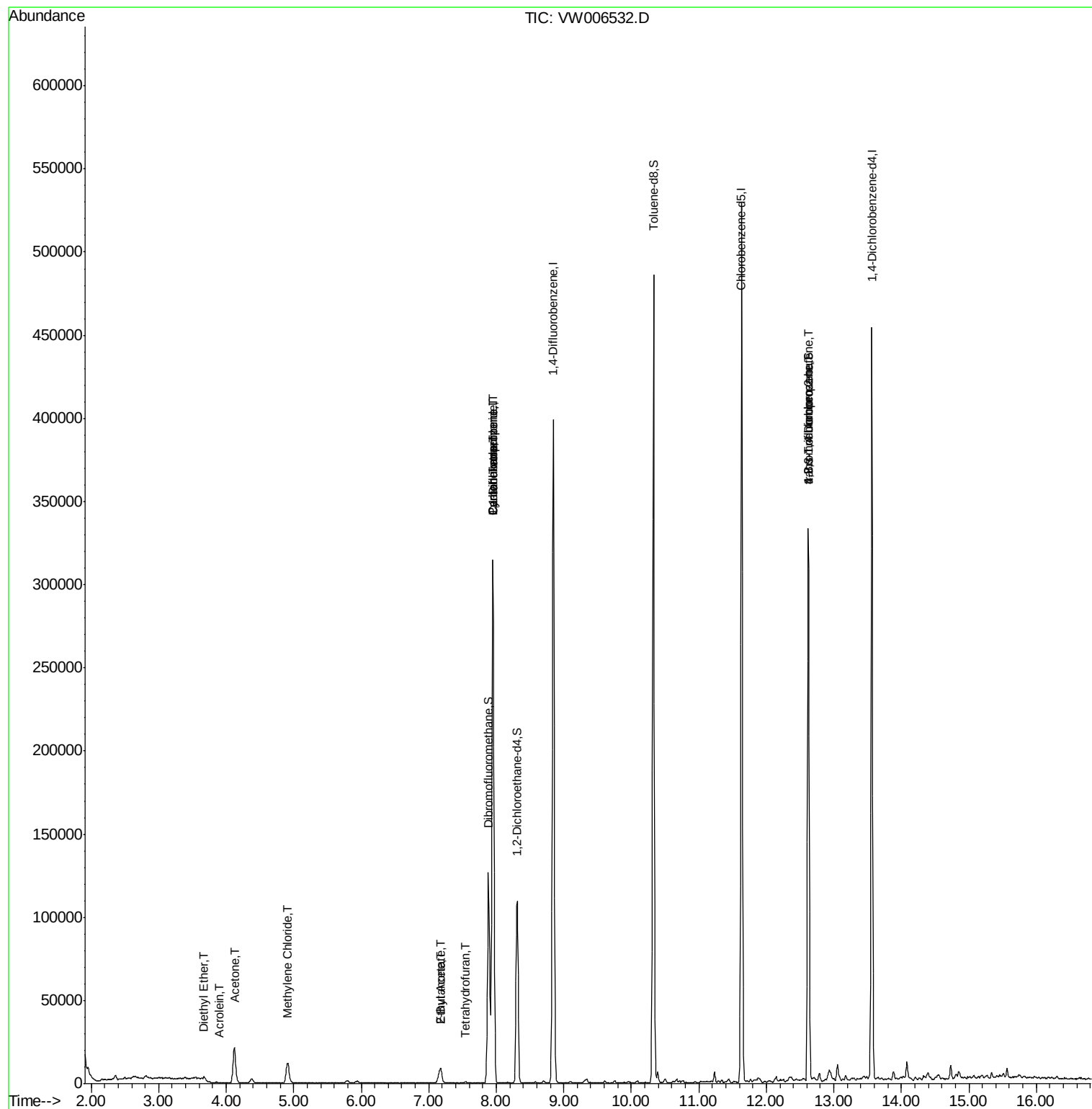
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1824	1.56	ug/l #	51
13) Acrolein	3.90	56	203	1.45	ug/l	95
16) Acetone	4.12	43	37599	83.20	ug/l	97
20) Methylene Chloride	4.90	84	9790	2.76	ug/l	93
25) 2-Butanone	7.18	43	11824	20.33	ug/l	96
29) Tetrahydrofuran	7.53	42	438	1.22	ug/l #	40
31) Cyclohexane	7.95	56	4153	1.05	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15812	4.64	ug/l #	48
37) Ethyl Acetate	7.18	43	11824	9.33	ug/l #	69
38) Carbon Tetrachloride	7.95	117	22819	6.10	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	49834	48.83	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49834	116.72	ug/l #	10

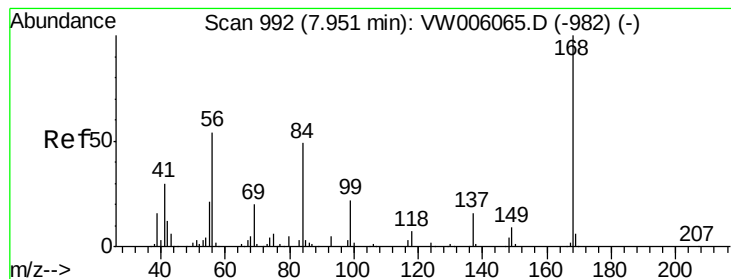
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006532.D

Acq: 31 Oct 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

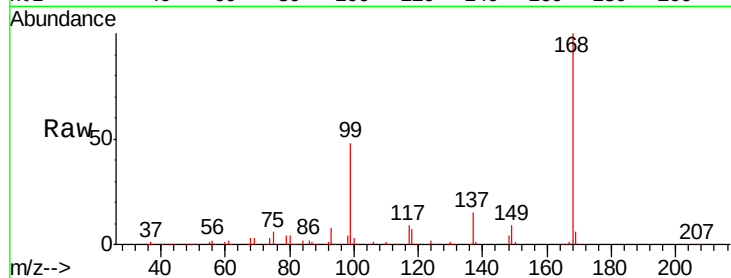
TP-13

Tgt Ion:168 Resp: 259720

Ion Ratio Lower Upper

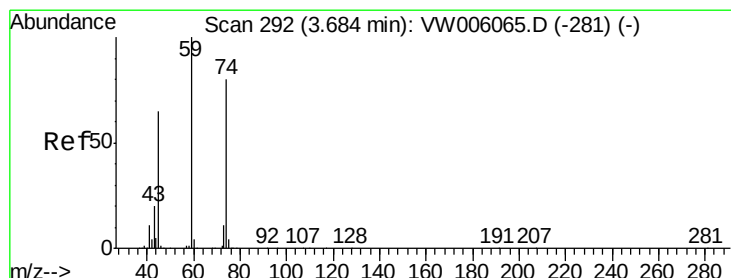
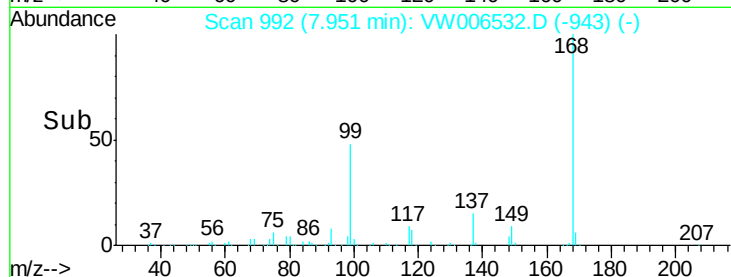
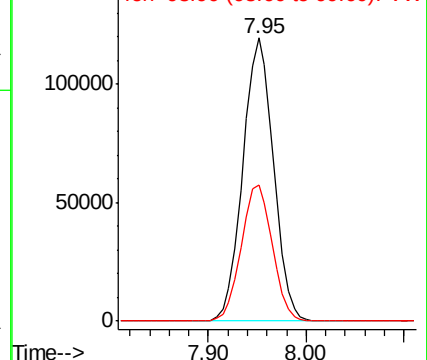
168 100

99 48.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.56 ug/l

RT: 3.67 min Scan# 289

Delta R.T. -0.02 min

Lab File: VW006532.D

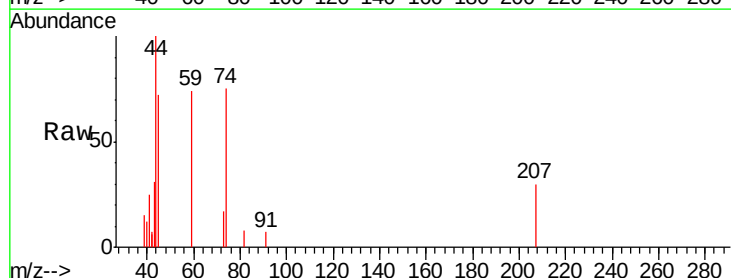
Acq: 31 Oct 2018 17:53

Tgt Ion: 74 Resp: 1824

Ion Ratio Lower Upper

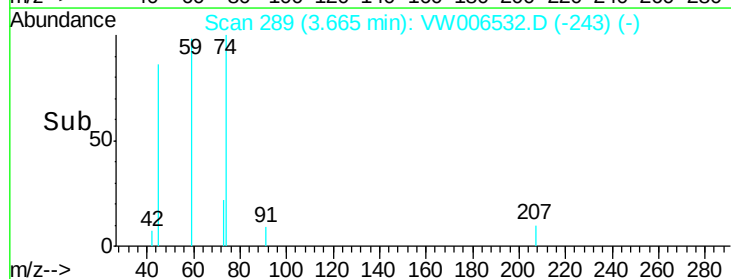
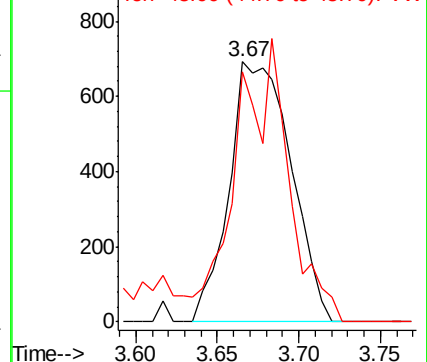
74 100

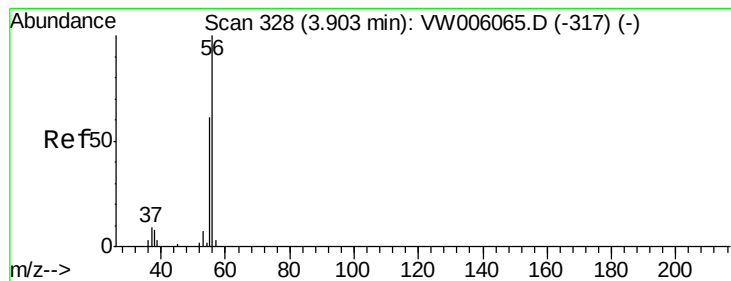
45 40.6 42.8 128.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#13

Acrolein

Concen: 1.45 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006532.D

Acq: 31 Oct 2018 17:53

Instrument :

MSVOA_W

ClientSampled :

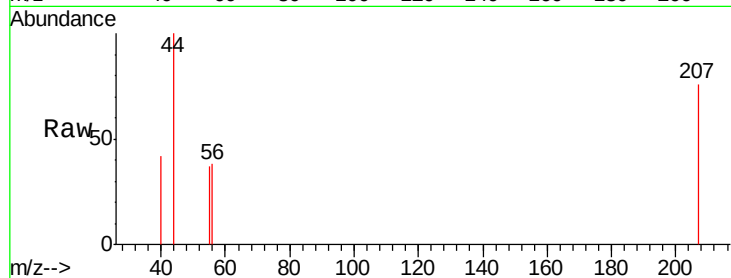
TP-13

Tgt Ion: 56 Resp: 203

Ion Ratio Lower Upper

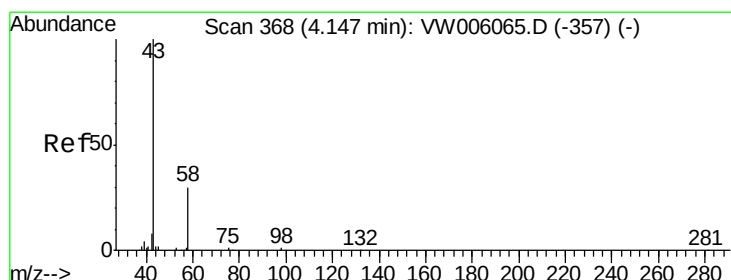
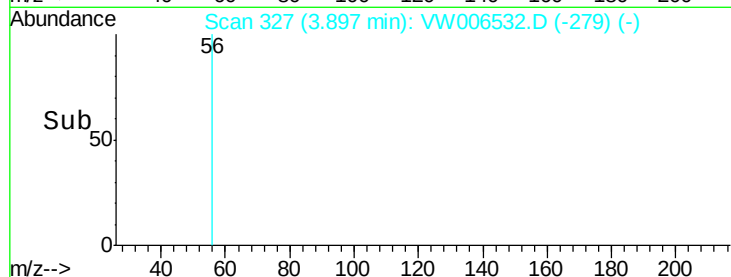
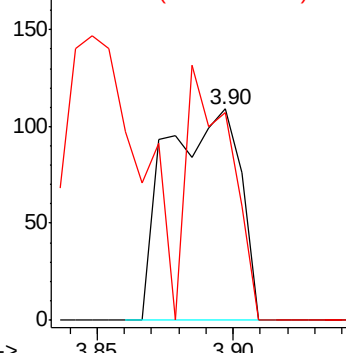
56 100

55 71.9 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 83.20 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW006532.D

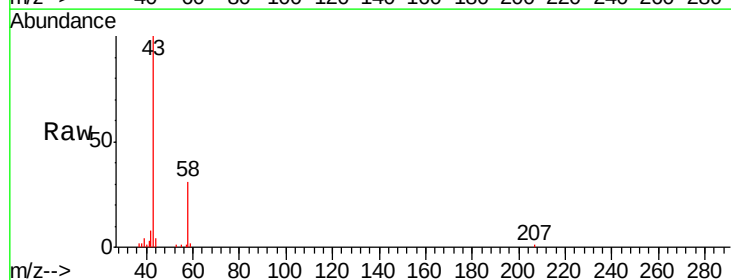
Acq: 31 Oct 2018 17:53

Tgt Ion: 43 Resp: 37599

Ion Ratio Lower Upper

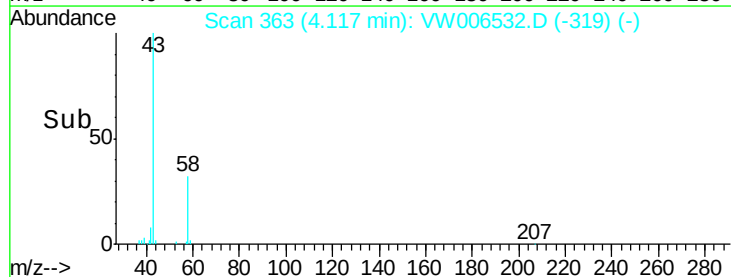
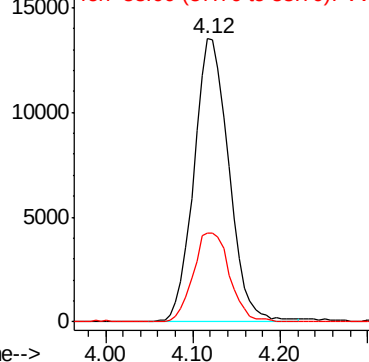
43 100

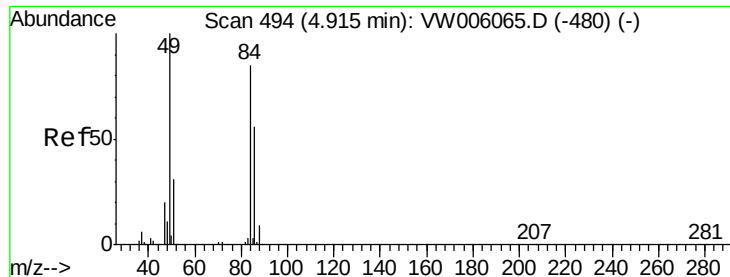
58 31.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

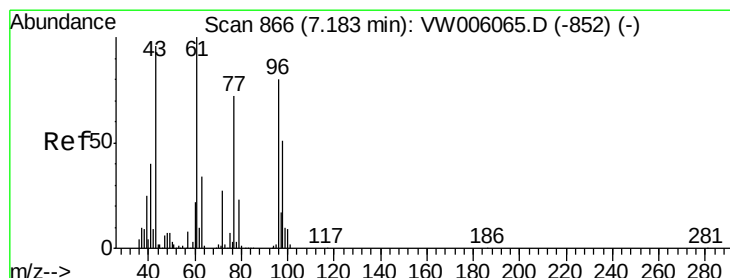
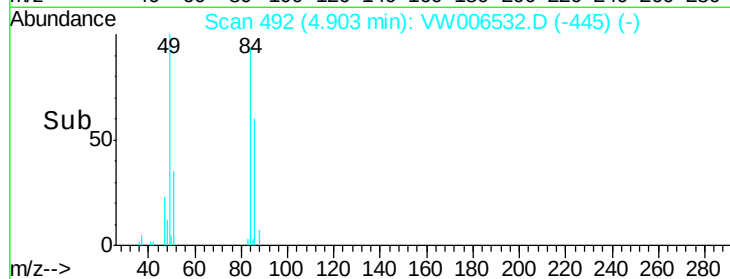
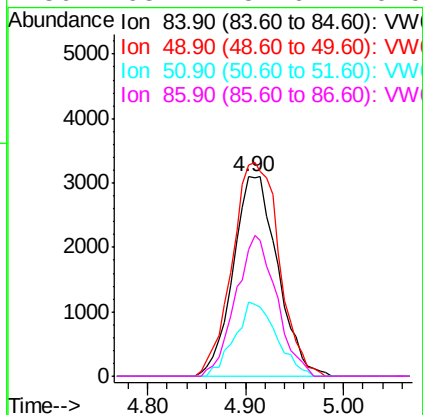
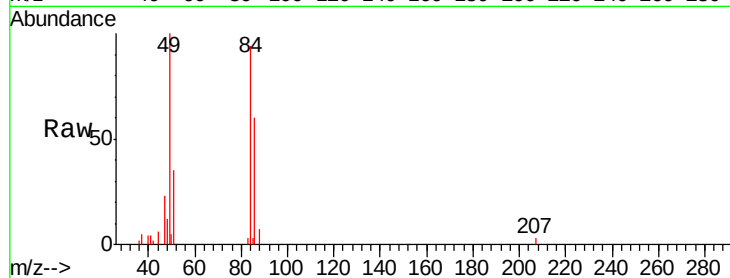




#20
Methylene Chloride
Concen: 2.76 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006532.D
Acq: 31 Oct 2018 17:53

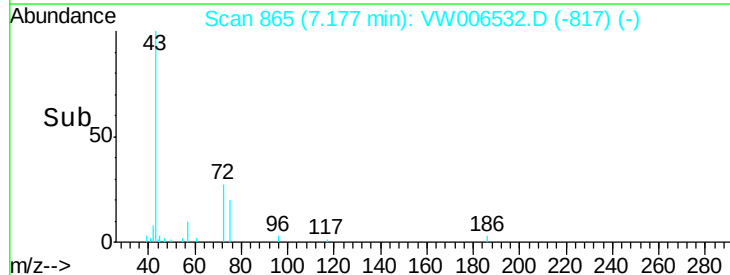
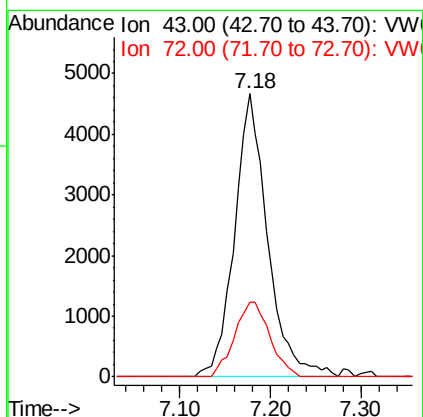
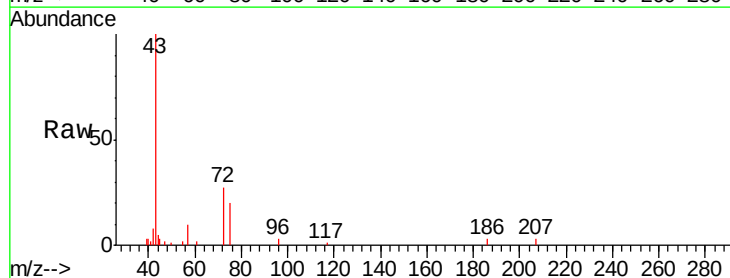
Instrument :
MSVOA_W
ClientSampled :
TP-13

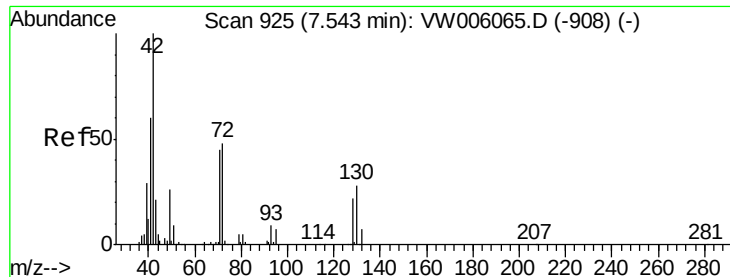
Tgt Ion:	84	Resp:	9790
Ion	Ratio	Lower	Upper
84	100		
49	105.9	93.6	140.4
51	37.3	29.0	43.4
86	63.7	52.6	79.0



#25
2-Butanone
Concen: 20.33 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006532.D
Acq: 31 Oct 2018 17:53

Tgt Ion:	43	Resp:	11824
Ion	Ratio	Lower	Upper
43	100		
72	26.5	22.8	34.2

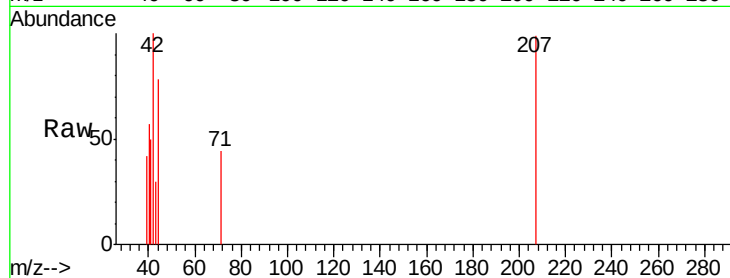




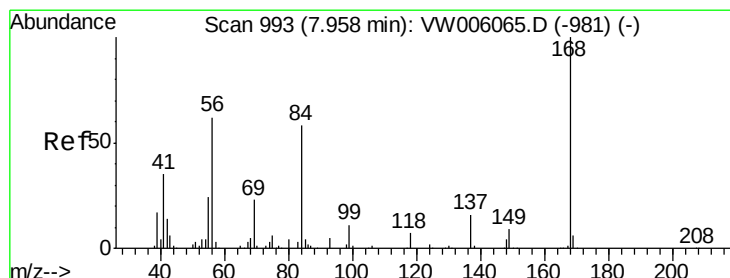
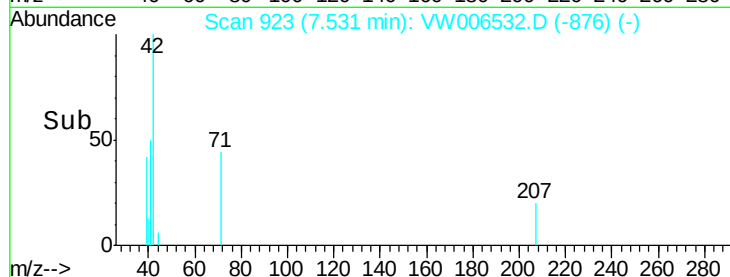
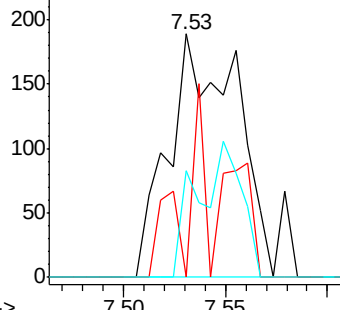
#29
Tetrahydrofuran
Concen: 1.22 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006532.D
Acq: 31 Oct 2018 17:53

Instrument :
MSVOA_W
ClientSampled :
TP-13

Tgt Ion: 42 Resp: 438
Ion Ratio Lower Upper
42 100
72 12.6 38.0 57.0#
71 0.0 35.3 52.9#

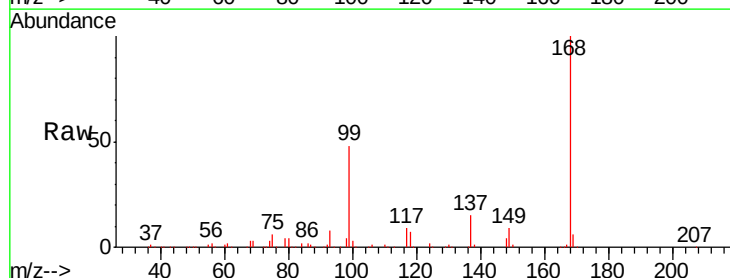


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

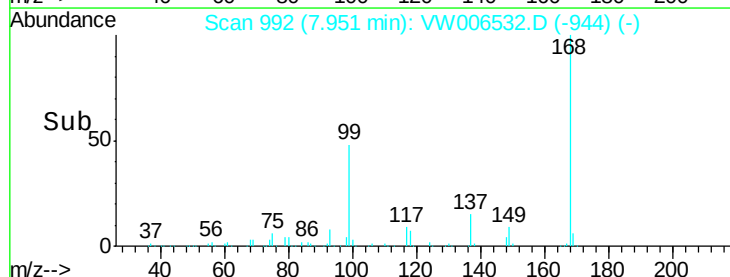
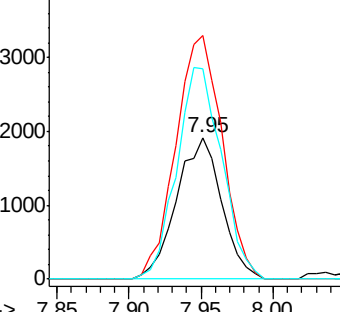


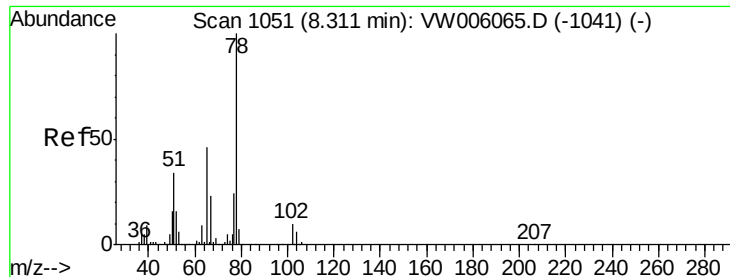
#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006532.D
Acq: 31 Oct 2018 17:53

Tgt Ion: 56 Resp: 4153
Ion Ratio Lower Upper
56 100
69 171.7 29.4 44.0#
84 148.5 74.0 111.0#



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

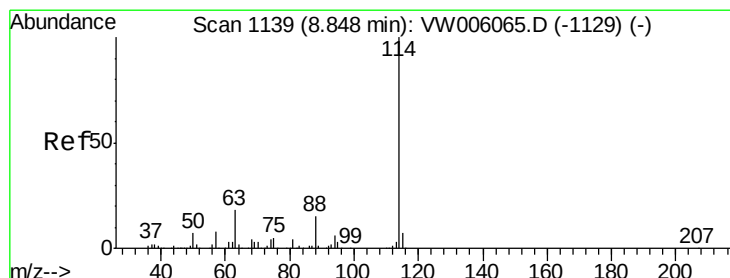
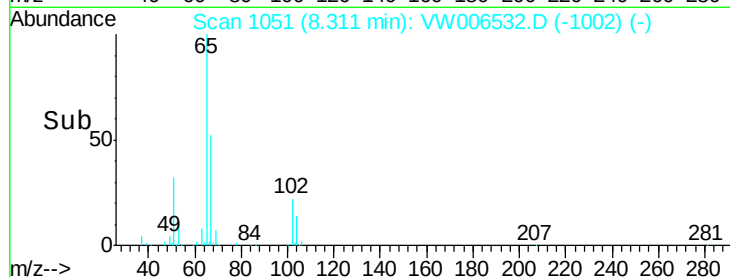
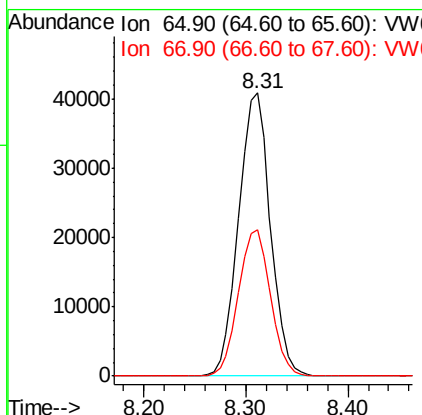
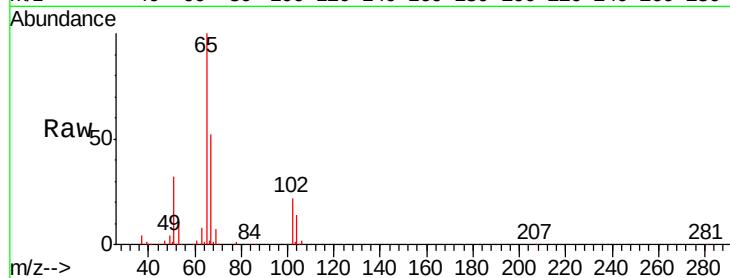




#33
 1,2-Dichloroethane-d4
 Concen: 41.11 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006532.D
 Acq: 31 Oct 2018 17:53

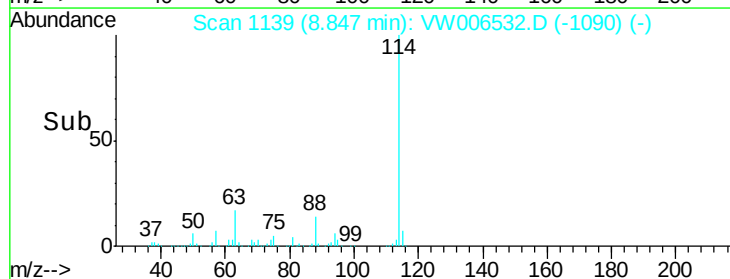
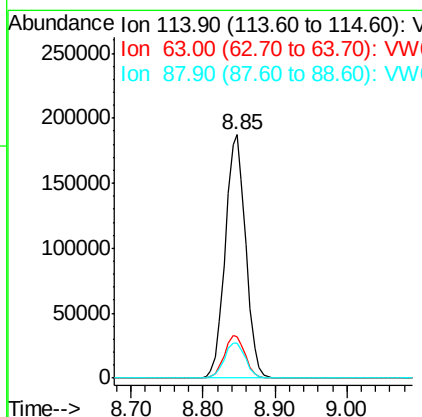
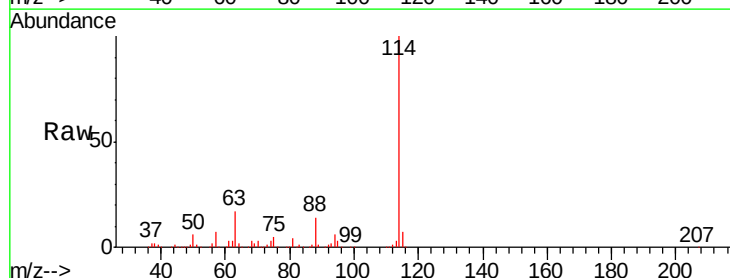
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 ClientSampleId :
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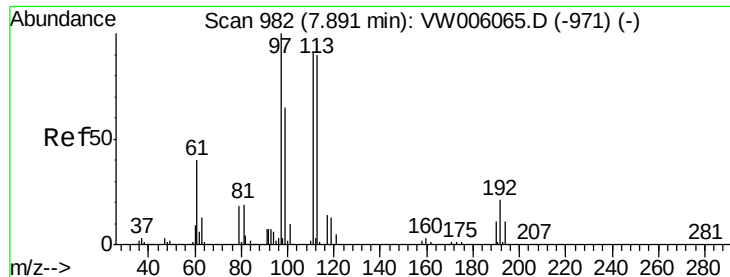
Tgt Ion: 65 Resp: 88517
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006532.D
 Acq: 31 Oct 2018 17:53

Tgt Ion: 114 Resp: 369961
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 36.8
 88 14.1 0.0 29.0

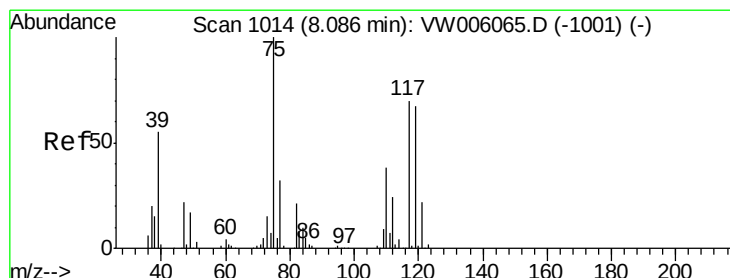
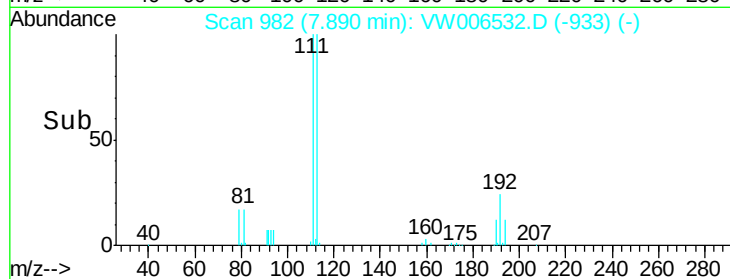
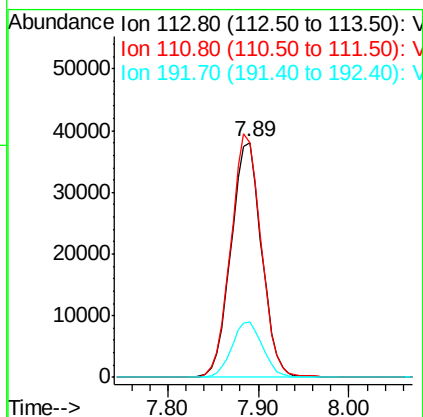
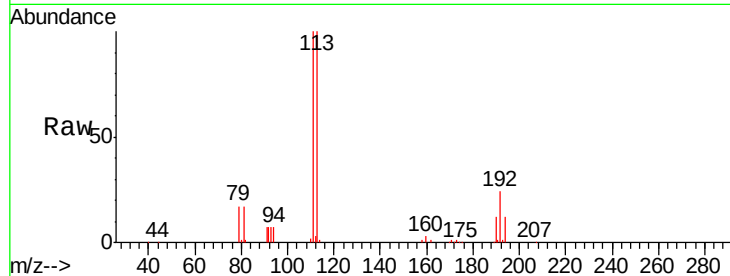




#35
 Dibromofluoromethane
 Concen: 40.80 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006532.D
 Acq: 31 Oct 2018 17:53

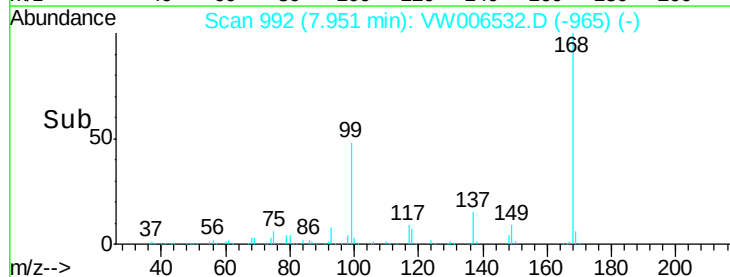
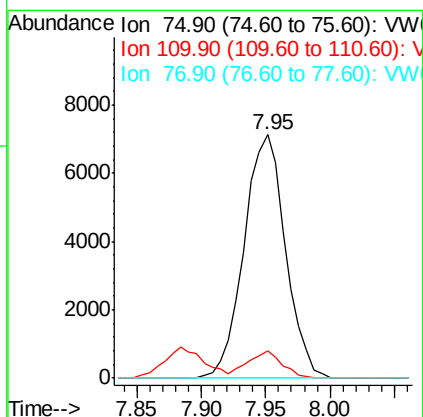
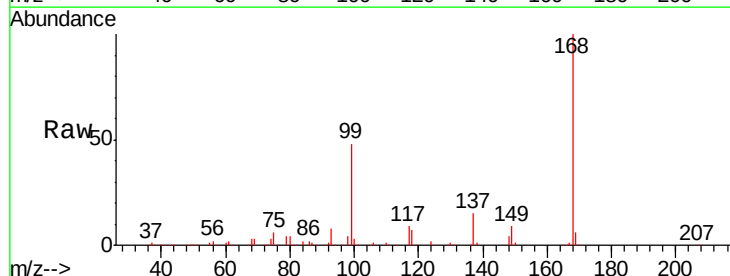
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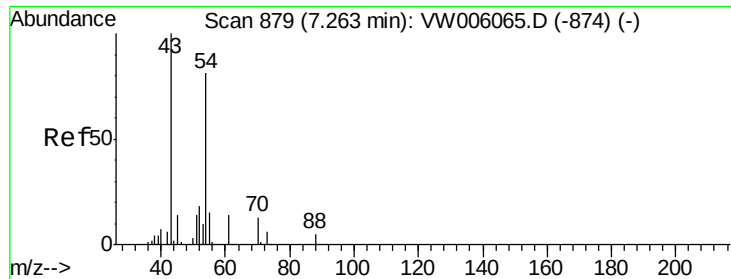
Tgt Ion:113 Resp: 89186
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.0
 192 23.7 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.64 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006532.D
 Acq: 31 Oct 2018 17:53

Tgt Ion: 75 Resp: 15812
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.1#
 77 0.0 25.0 37.4#

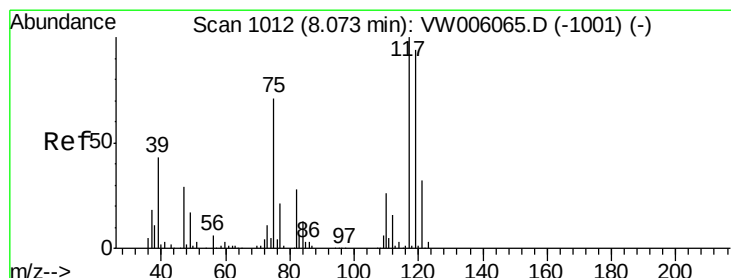
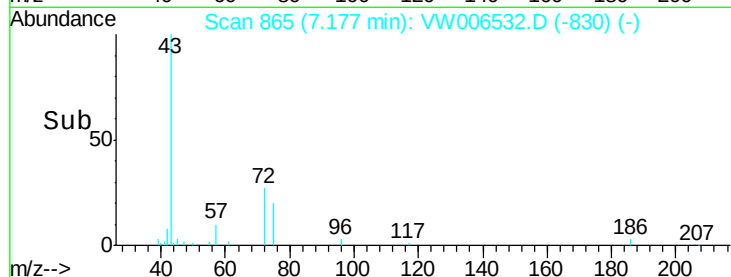
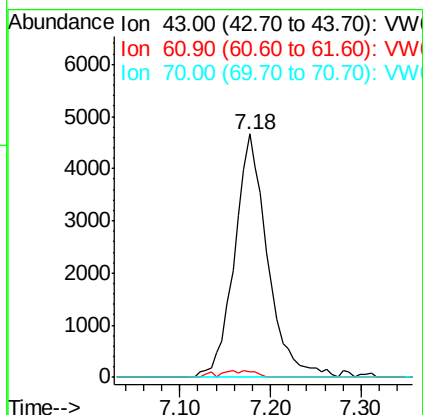
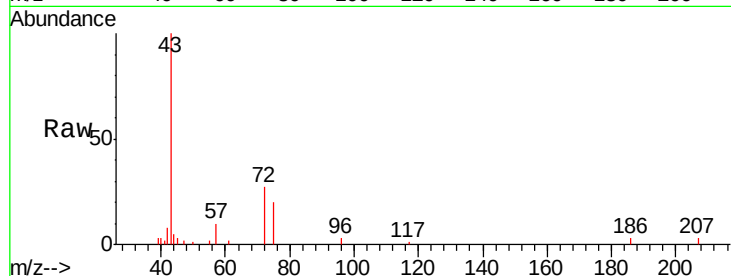




#37
Ethyl Acetate
Concen: 9.33 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.09 min
Lab File: VW006532.D
Acq: 31 Oct 2018 17:53

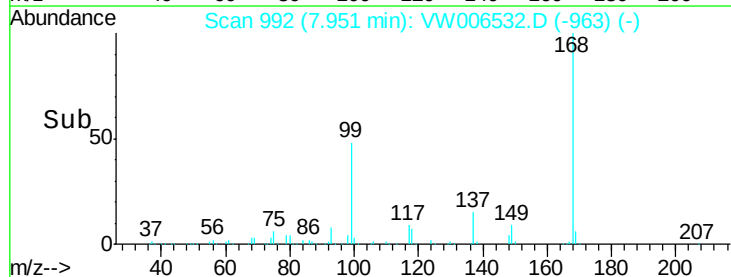
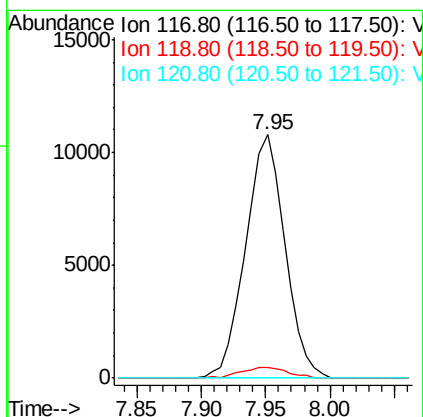
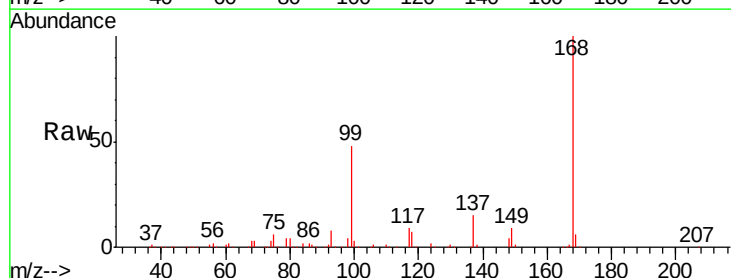
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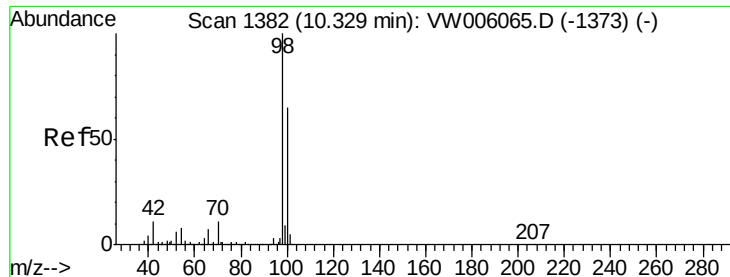
Tgt Ion: 43 Resp: 11824
Ion Ratio Lower Upper
43 100
61 1.3 11.5 17.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006532.D
Acq: 31 Oct 2018 17:53

Tgt Ion: 117 Resp: 22819
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 40.46 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006532.D

Acq: 31 Oct 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

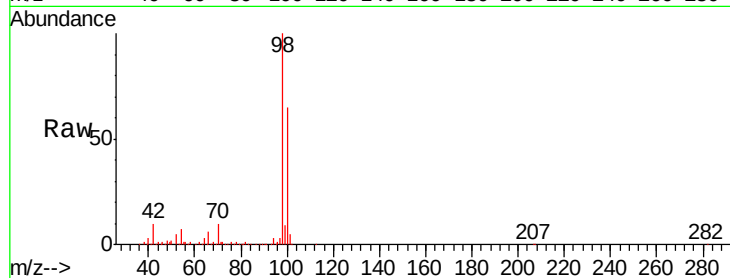
TP-13

Tgt Ion: 98 Resp: 336498

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

200000

150000

100000

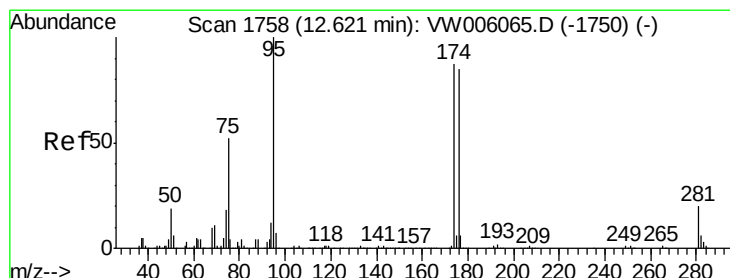
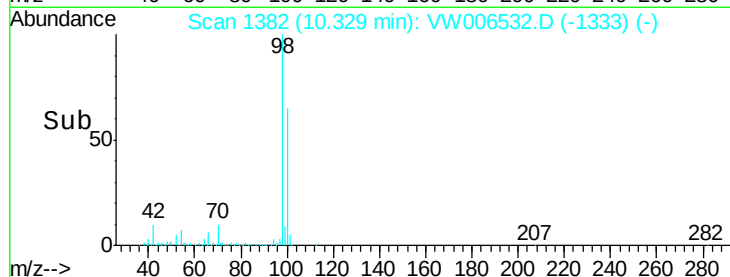
50000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 33.68 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006532.D

Acq: 31 Oct 2018 17:53

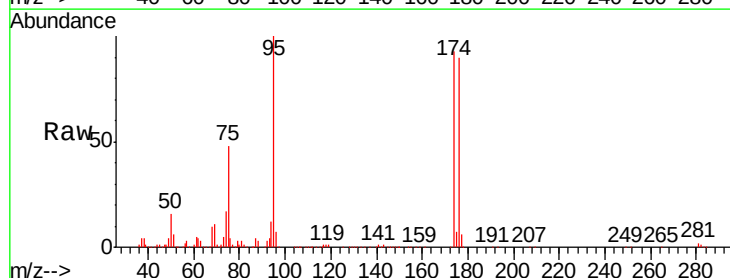
Tgt Ion: 95 Resp: 105196

Ion Ratio Lower Upper

95 100

174 96.5 0.0 186.0

176 92.9 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

80000

60000

40000

20000

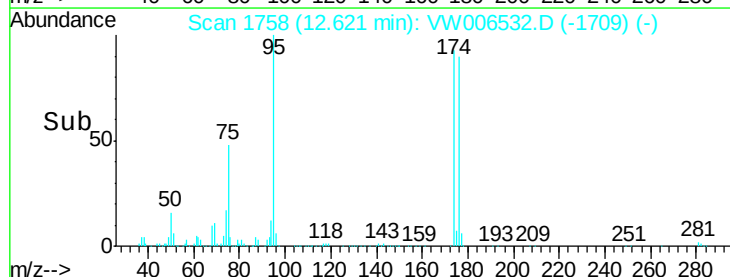
0

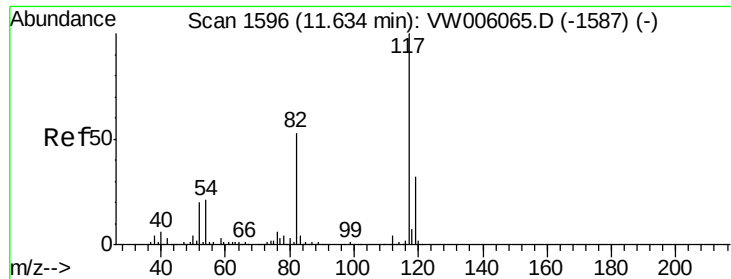
12.50

12.60

12.70

Time-->

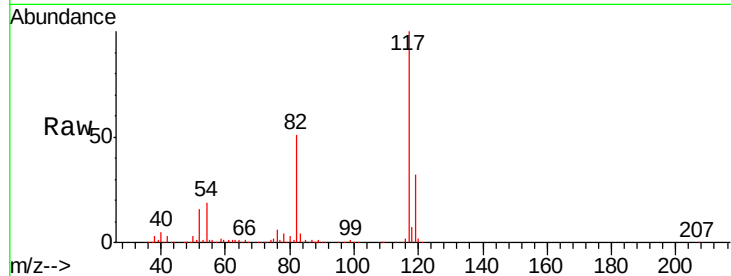




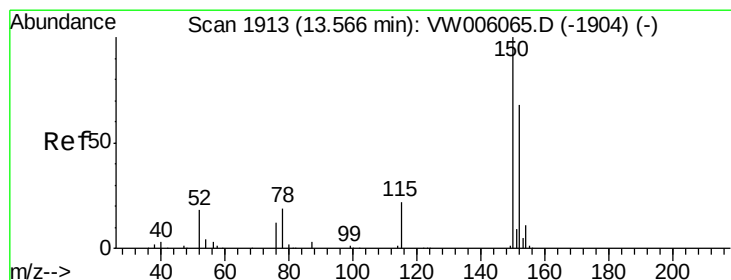
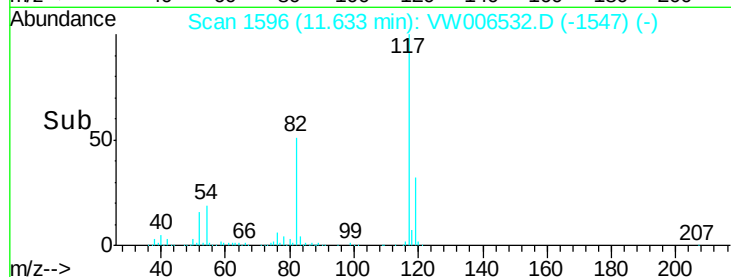
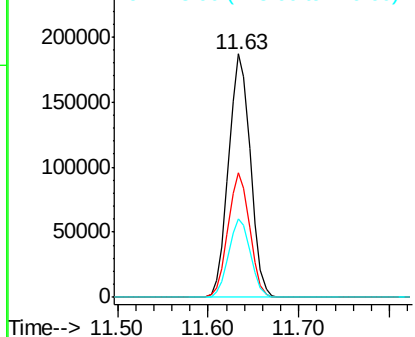
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006532.D
Acq: 31 Oct 2018 17:53

Instrument :
MSVOA_W
ClientSampled :
TP-13

Tgt Ion:117 Resp: 311978
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 32.4 25.8 38.6

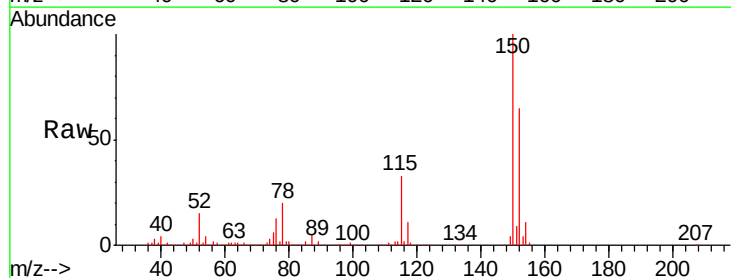


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

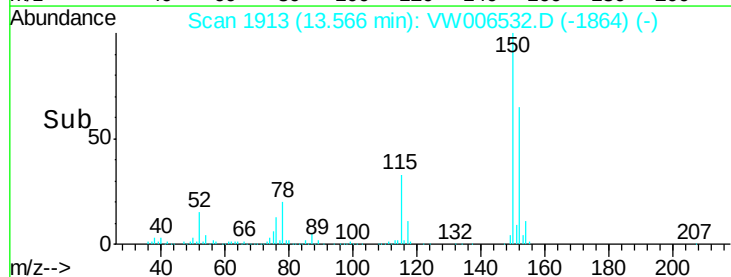
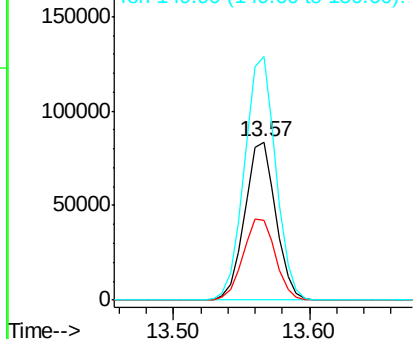


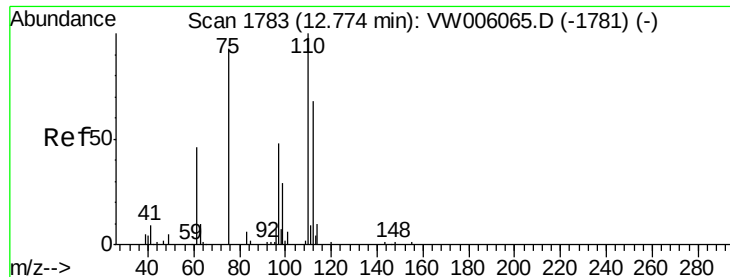
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006532.D
Acq: 31 Oct 2018 17:53

Tgt Ion:152 Resp: 133619
Ion Ratio Lower Upper
152 100
115 53.4 27.8 83.3
150 155.3 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: 48.83 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006532.D

Acq: 31 Oct 2018 17:53

Instrument :

MSVOA_W

ClientSampled :

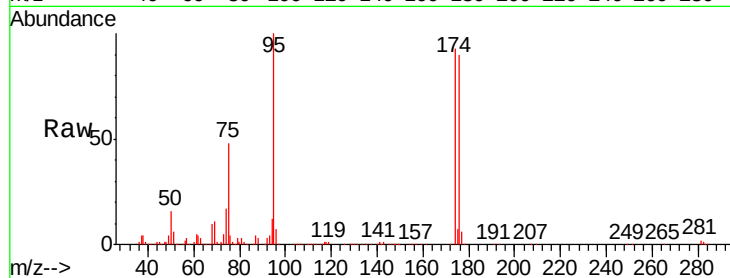
TP-13

Tgt Ion: 75 Resp: 49834

Ion Ratio Lower Upper

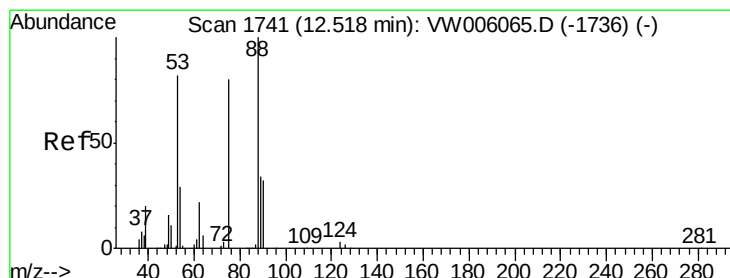
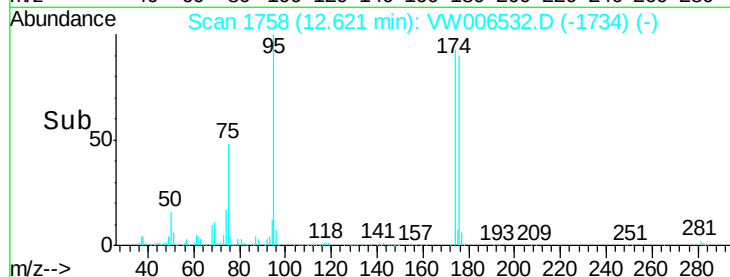
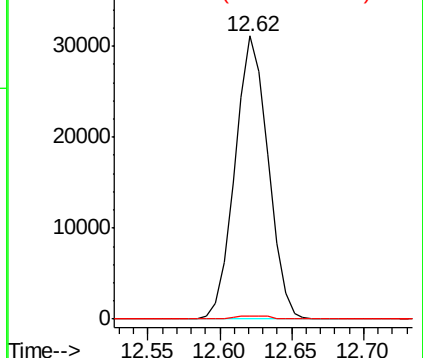
75 100

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: 116.72 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006532.D

Acq: 31 Oct 2018 17:53

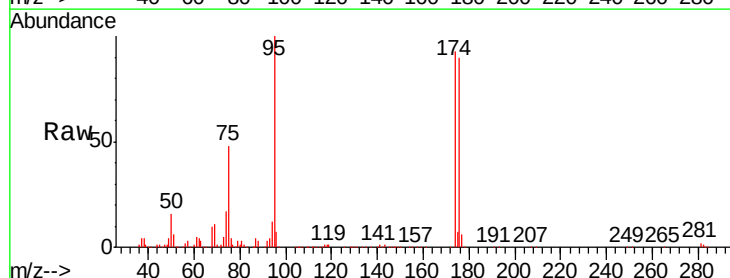
Tgt Ion: 75 Resp: 49834

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

89 0.0 37.5 56.3#



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

