

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007588.D
 Acq On : 15 Dec 2018 17:53
 Operator : SY/AP
 Sample : J6378-02
 Misc : 4.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD008-0006-01

Quant Time: Dec 15 20:25:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	65627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	102904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	63938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14761	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	45401	62.36	ug/l	0.00
Spiked Amount			Recovery	=	124.72%	
35) Dibromofluoromethane	7.88	113	38897	62.44	ug/l	0.00
Spiked Amount			Recovery	=	124.88%	
50) Toluene-d8	10.32	98	113918	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.62	95	23676	27.57	ug/l	0.00
Spiked Amount			Recovery	=	55.14%	

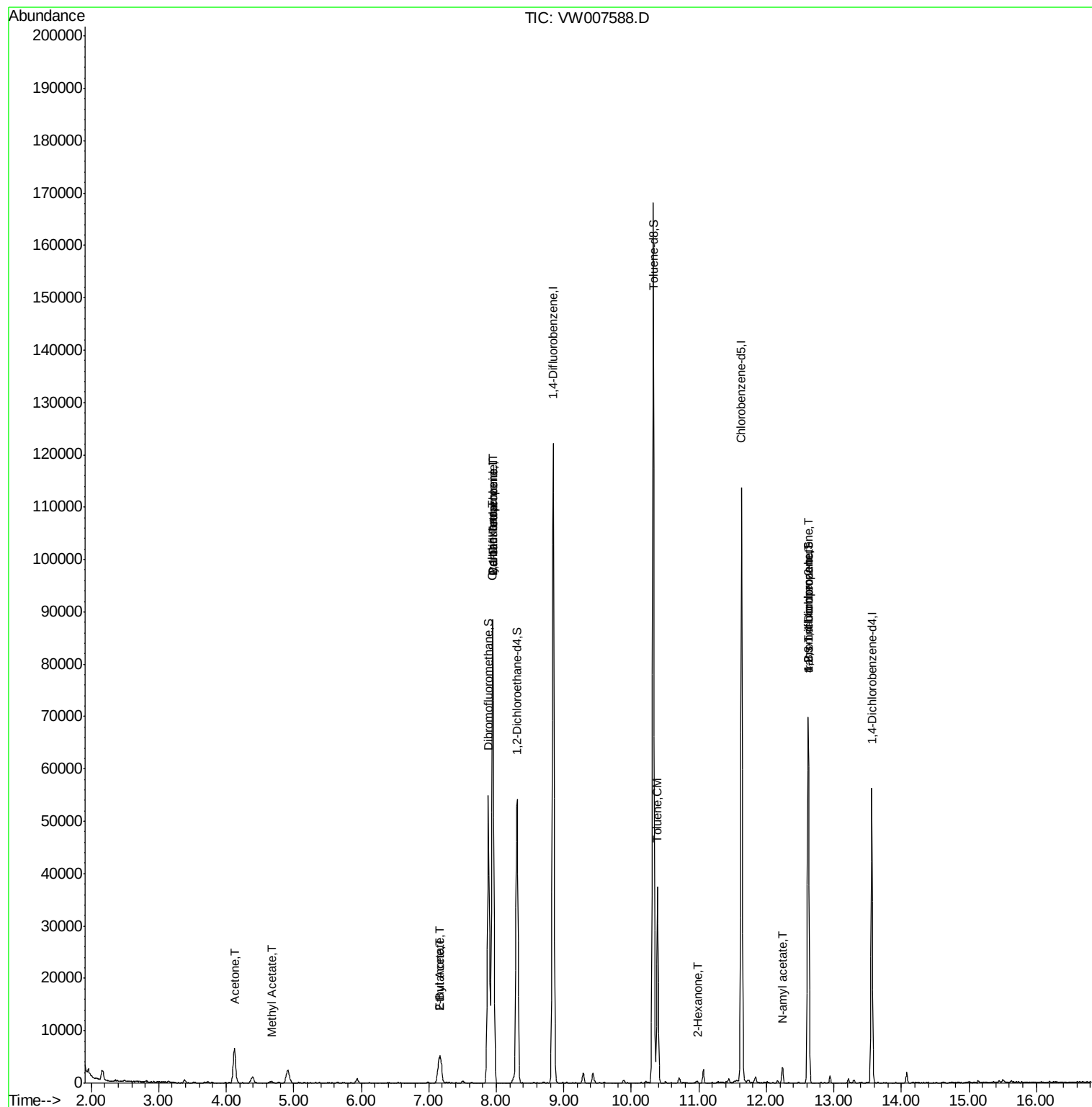
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	11202	88.084	ug/l	97
18) Methyl Acetate	4.67	43	746	2.161	ug/l #	66
20) Methylene Chloride	4.92	84	2380	Below Cal	#	84
25) 2-Butanone	7.17	43	6947	41.843	ug/l	94
31) Cyclohexane	7.94	56	1372	1.213	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	5069	5.400	ug/l #	51
37) Ethyl Acetate	7.17	43	6947	19.897	ug/l #	67
38) Carbon Tetrachloride	7.95	117	7143	6.993	ug/l #	17
52) Toluene	10.39	92	15112	8.964	ug/l	94
59) 2-Hexanone	10.98	43	413	1.901	ug/l	67
74) N-amyl acetate	12.24	43	1969	9.579	ug/l #	44
76) 1,2,3-Trichloropropane	12.62	75	12100	99.418	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	12100	219.615	ug/l #	7

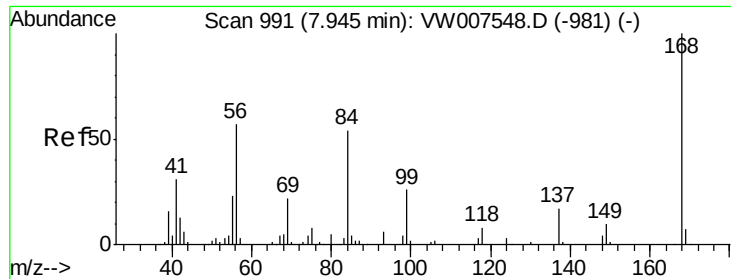
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007588.D

Acq: 15 Dec 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

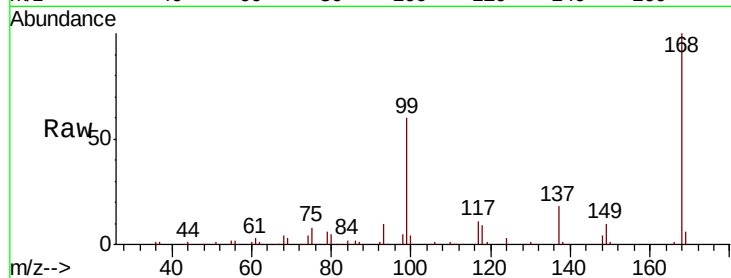
P001-SD008-0006-01

Tgt Ion: 168 Resp: 65627

Ion Ratio Lower Upper

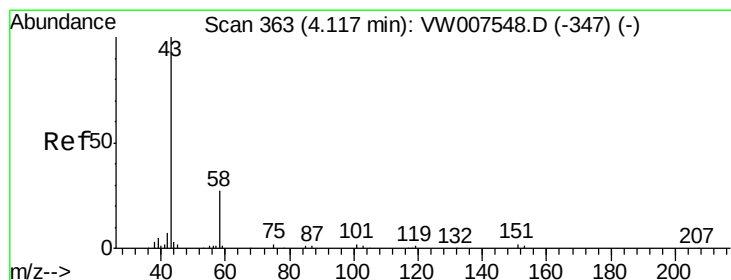
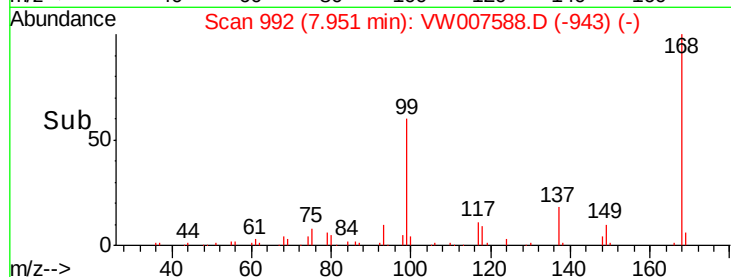
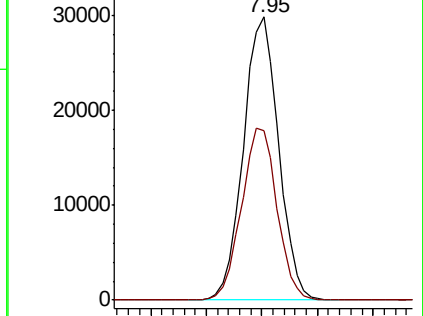
168 100

99 60.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 88.084 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007588.D

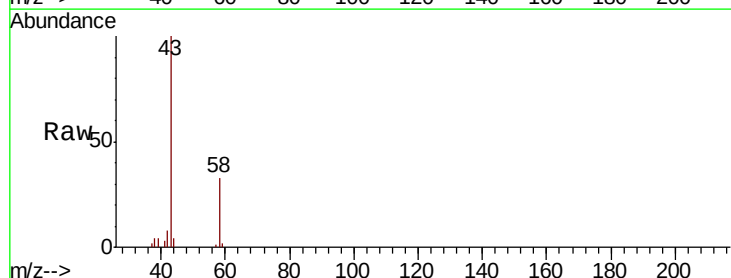
Acq: 15 Dec 2018 17:53

Tgt Ion: 43 Resp: 11202

Ion Ratio Lower Upper

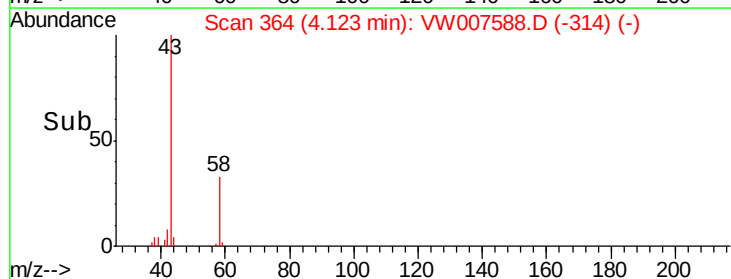
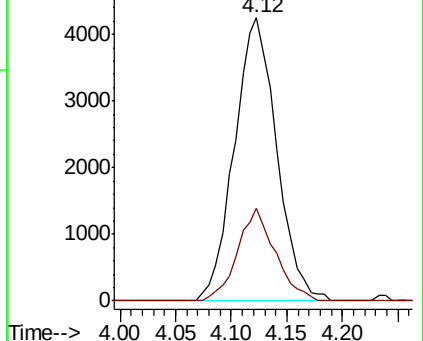
43 100

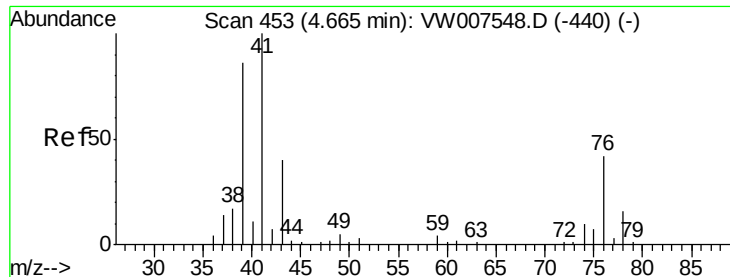
58 32.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

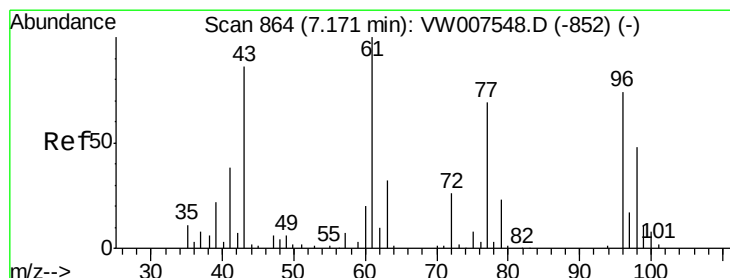
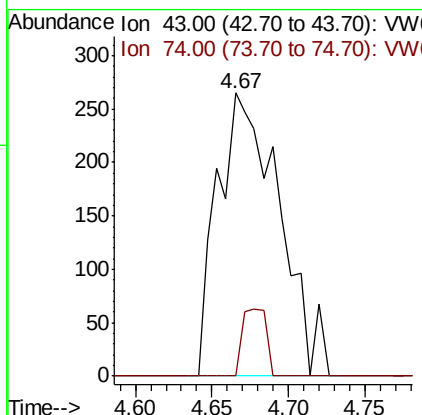
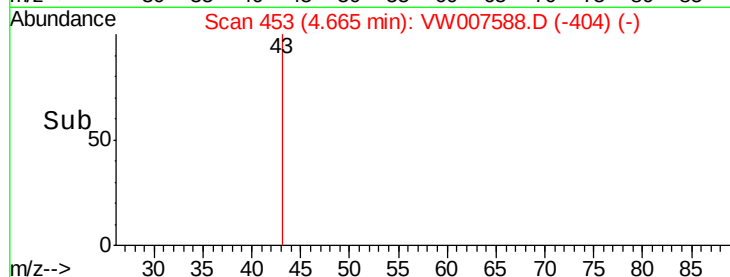
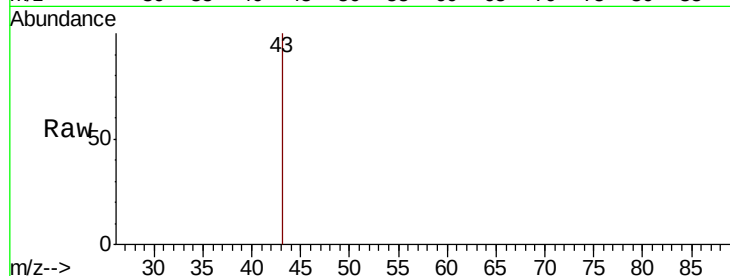




#18
Methyl Acetate
Concen: 2.161 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007588.D
Acq: 15 Dec 2018 17:53

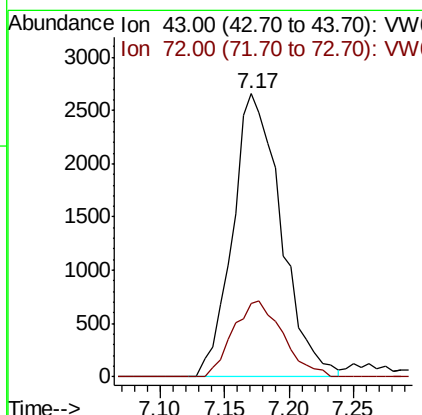
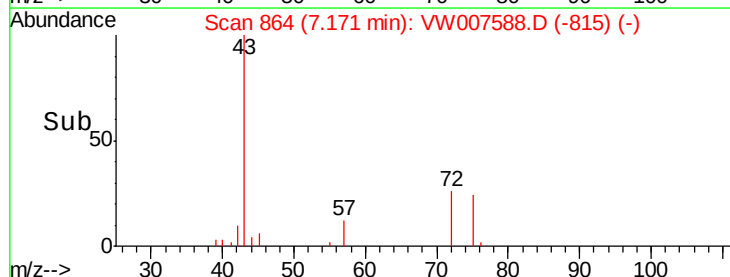
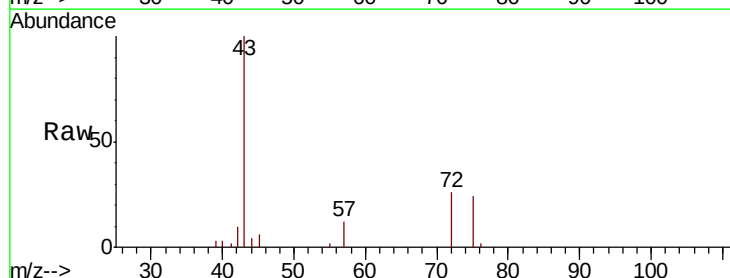
Instrument :
MSVOA_W
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P001-SD008-0006-01

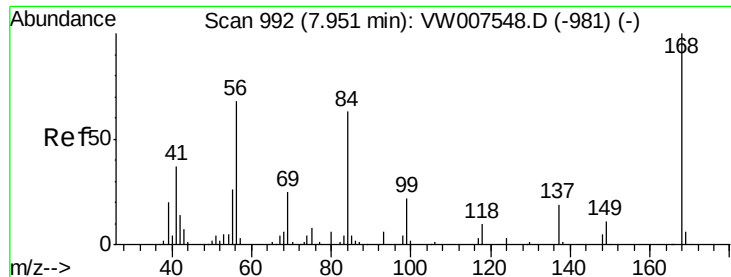
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
74 9.1 21.1 31.7#



#25
2-Butanone
Concen: 41.843 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007588.D
Acq: 15 Dec 2018 17:53

Tgt Ion: 43 Resp: 6947
Ion Ratio Lower Upper
43 100
72 26.0 23.4 35.2

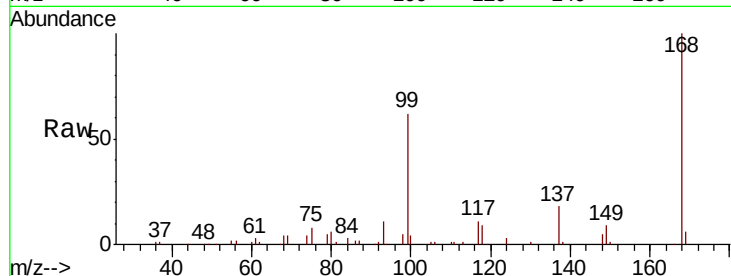




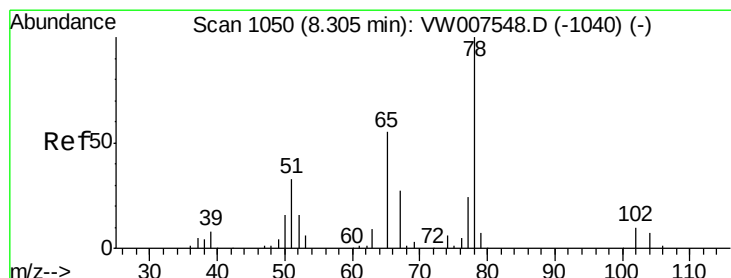
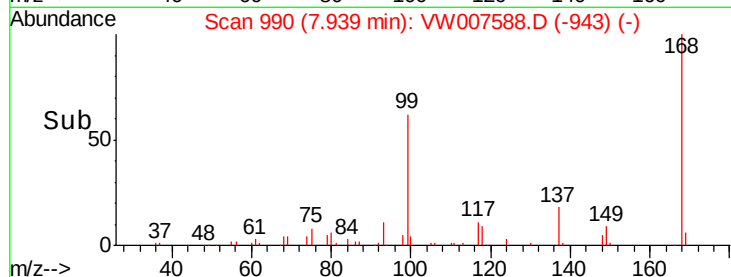
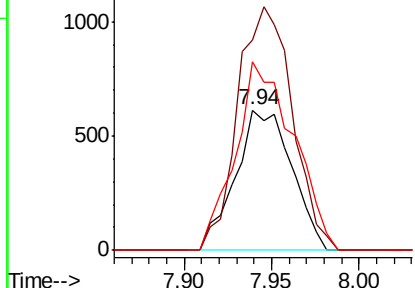
#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007588.D
Acq: 15 Dec 2018 17:53

Instrument :
MSVOA_W
ClientSampleId :
P001-SD008-0006-01

Tgt Ion: 56 Resp: 1372
Ion Ratio Lower Upper
56 100
69 149.7 28.9 43.3#
84 134.4 71.8 107.6#

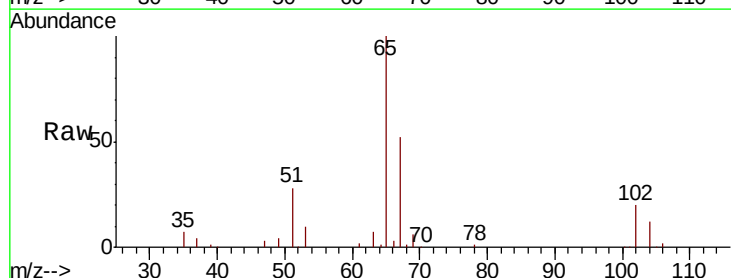


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

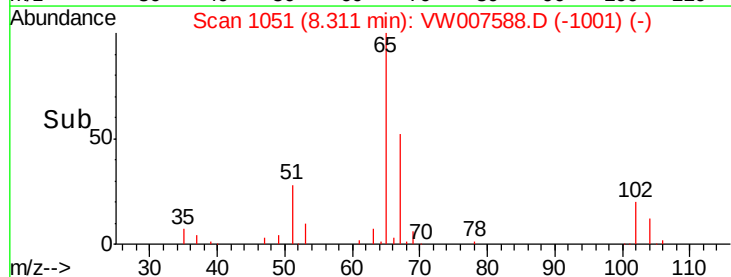
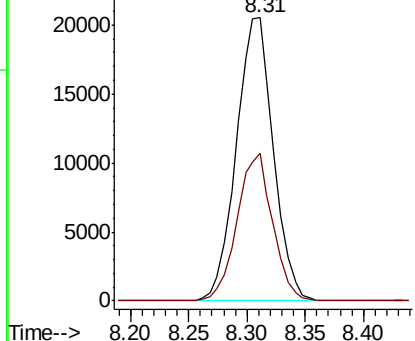


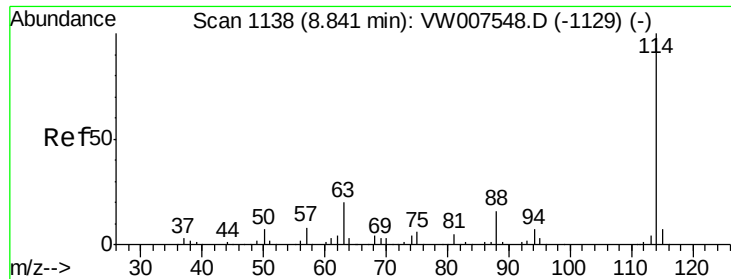
#33
1,2-Dichloroethane-d4
Concen: 62.357 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW007588.D
Acq: 15 Dec 2018 17:53

Tgt Ion: 65 Resp: 45401
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

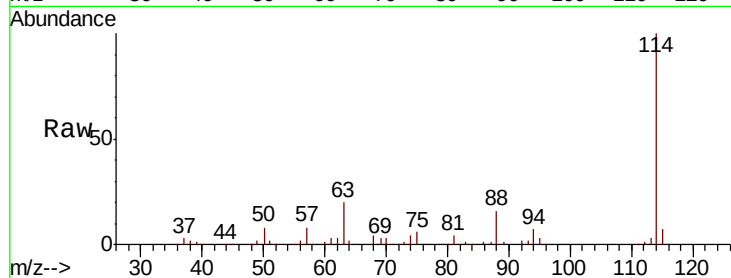




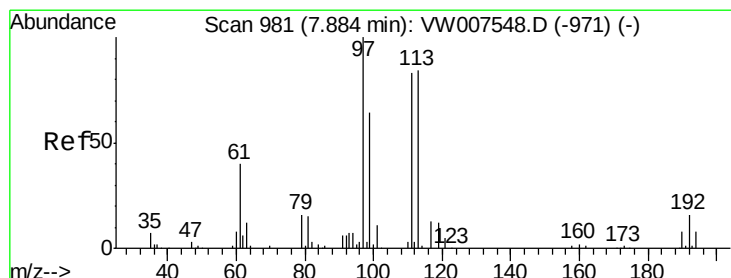
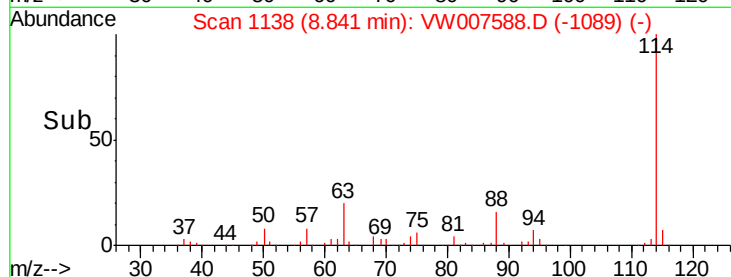
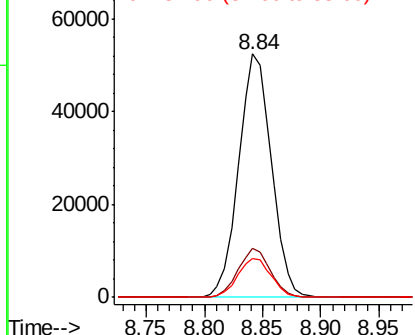
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007588.D
 Acq: 15 Dec 2018 17:53

Instrument :
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 P001-SD008-0006-01

Tgt Ion:114 Resp: 102904
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.8 0.0 31.4

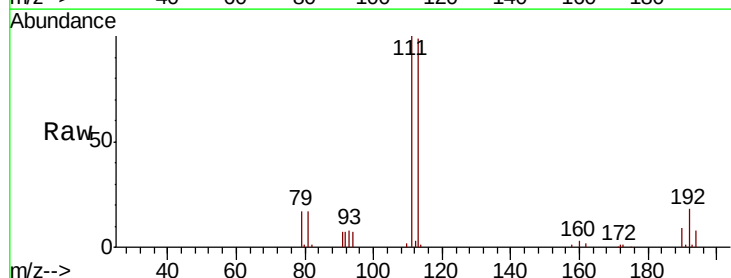


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

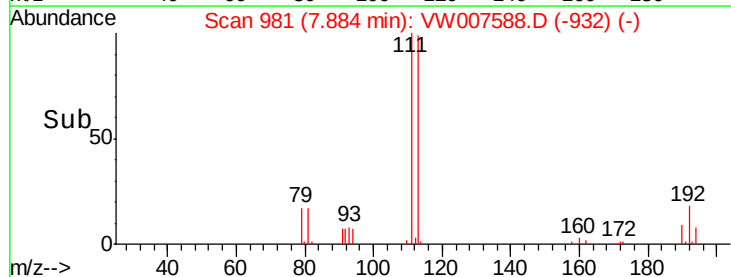
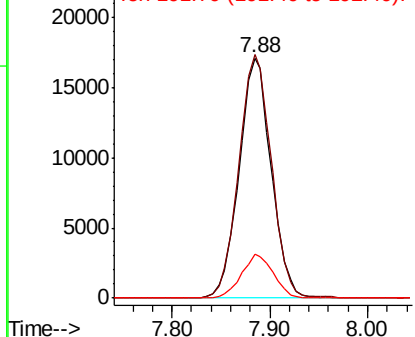


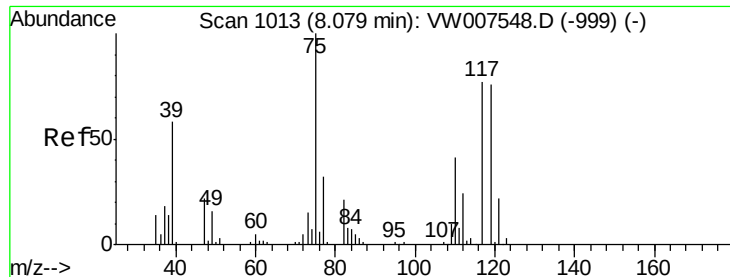
#35
 Dibromofluoromethane
 Concen: 62.443 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007588.D
 Acq: 15 Dec 2018 17:53

Tgt Ion:113 Resp: 38897
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 18.1 14.6 21.8



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

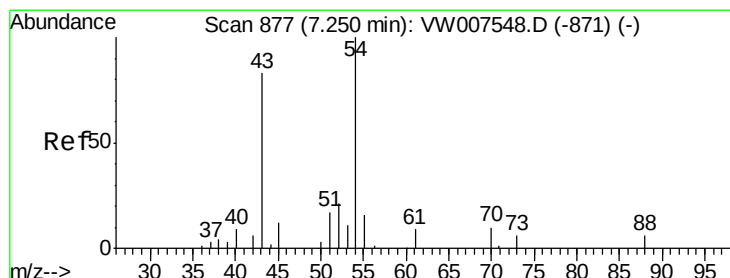
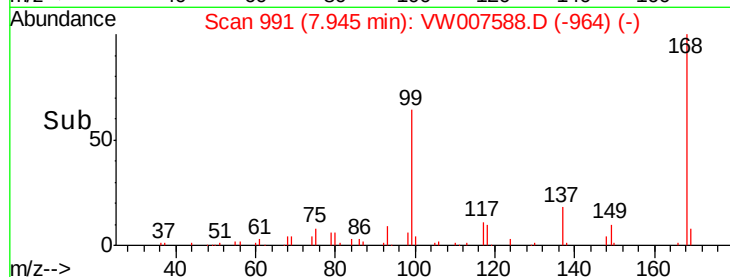
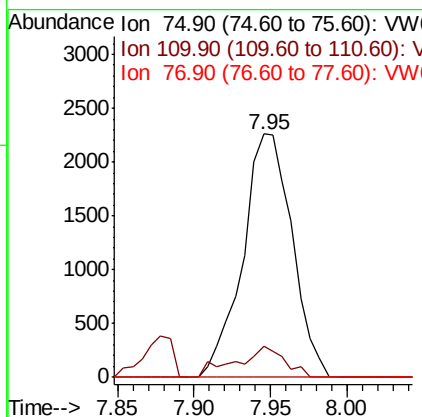
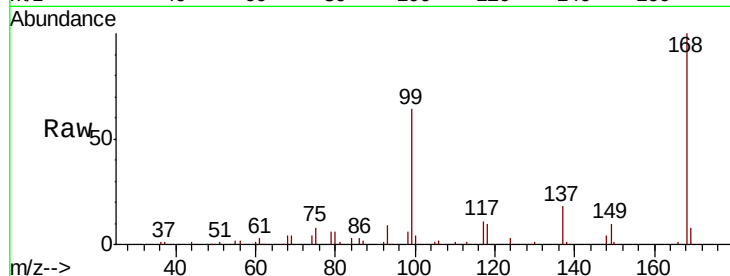




#36
 1,1-Dichloropropene
 Concen: 5.400 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007588.D
 Acq: 15 Dec 2018 17:53

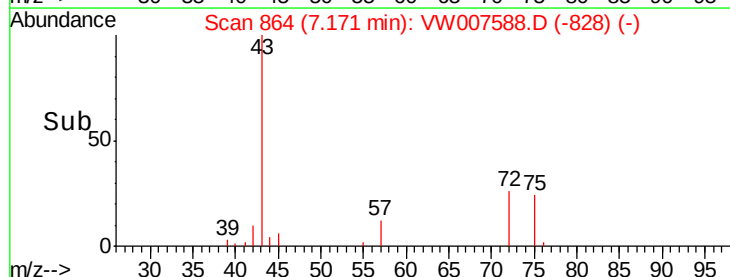
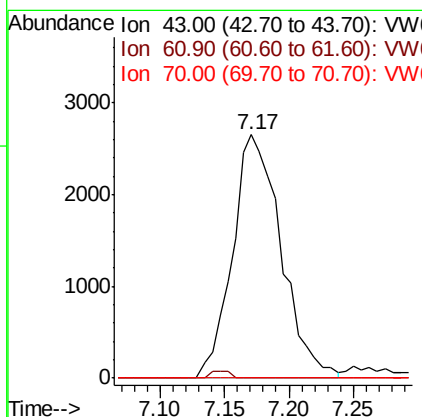
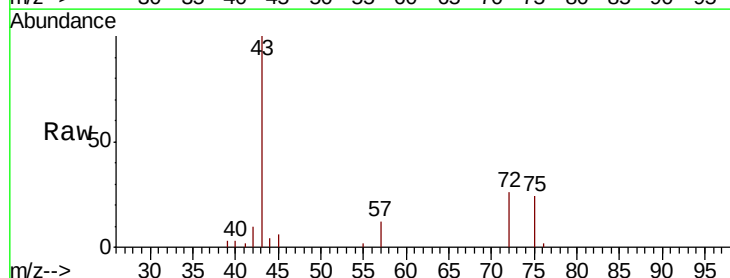
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 ClientSampleId :
 P001-SD008-0006-01

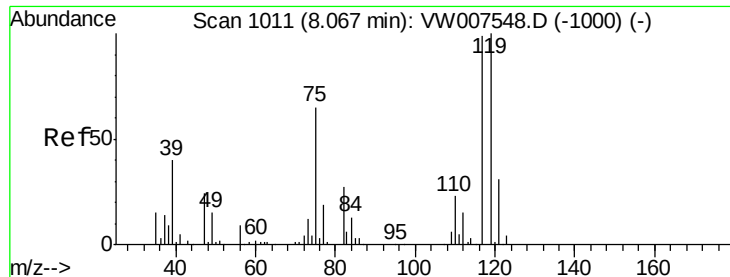
Tgt Ion: 75 Resp: 5069
 Ion Ratio Lower Upper
 75 100
 110 12.5 18.5 55.5#
 77 0.0 25.6 38.4#



#37
 Ethyl Acetate
 Concen: 19.897 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: VW007588.D
 Acq: 15 Dec 2018 17:53

Tgt Ion: 43 Resp: 6947
 Ion Ratio Lower Upper
 43 100
 61 1.2 12.1 18.1#
 70 0.0 10.0 15.0#

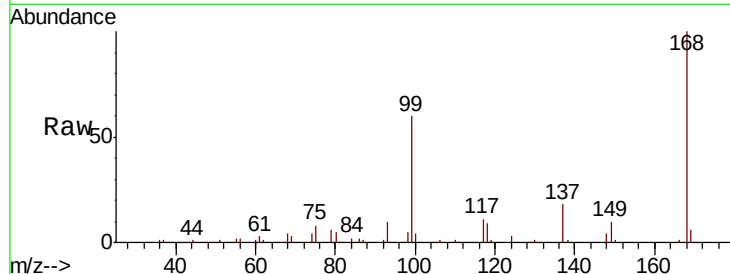




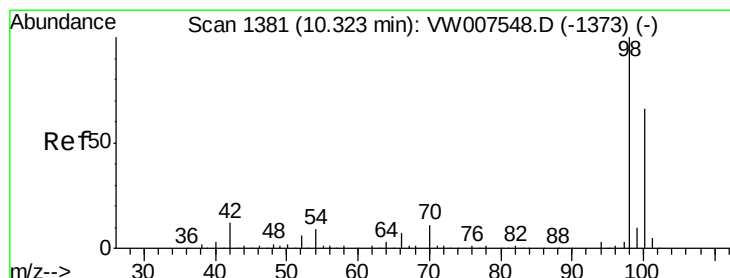
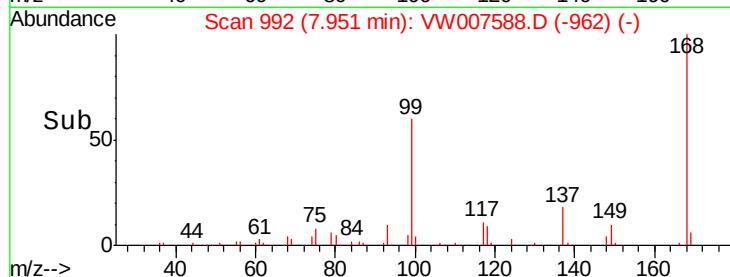
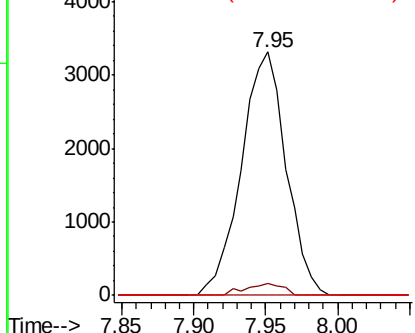
#38
Carbon Tetrachloride
Concen: 6.993 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007588.D
Acq: 15 Dec 2018 17:53

Instrument :
MSVOA_W
ClientSampleId :
P001-SD008-0006-01

Tgt Ion: 117 Resp: 7143
Ion Ratio Lower Upper
117 100
119 4.9 74.3 111.5#
121 0.0 24.3 36.5#

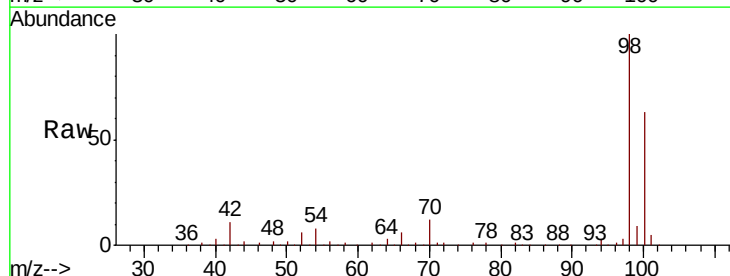


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

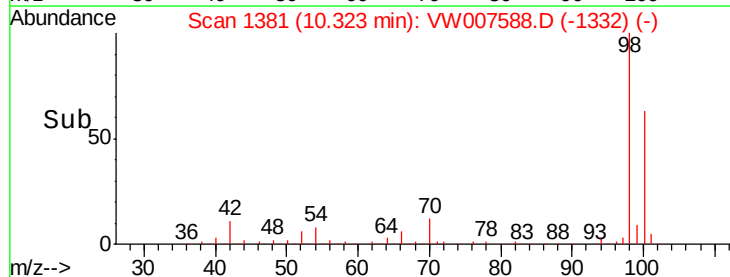
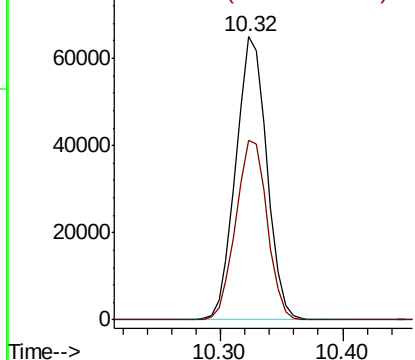


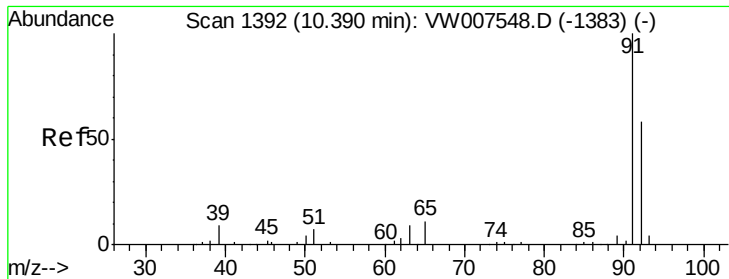
#50
Toluene-d8
Concen: 48.775 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007588.D
Acq: 15 Dec 2018 17:53

Tgt Ion: 98 Resp: 113918
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 8.964 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007588.D

Acq: 15 Dec 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

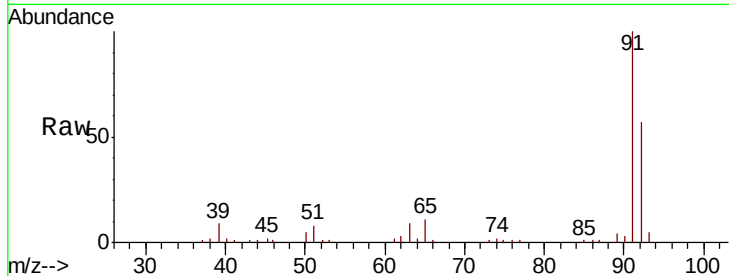
P001-SD008-0006-01

Tgt Ion: 92 Resp: 15112

Ion Ratio Lower Upper

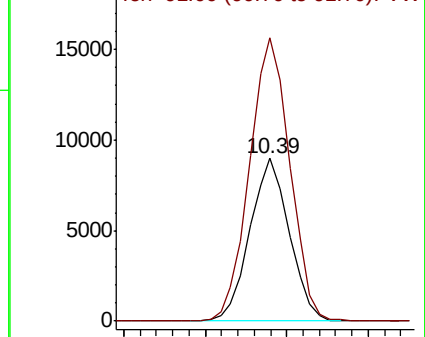
92 100

91 178.2 136.2 204.2

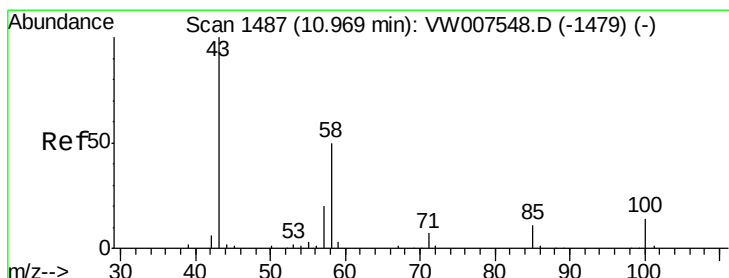
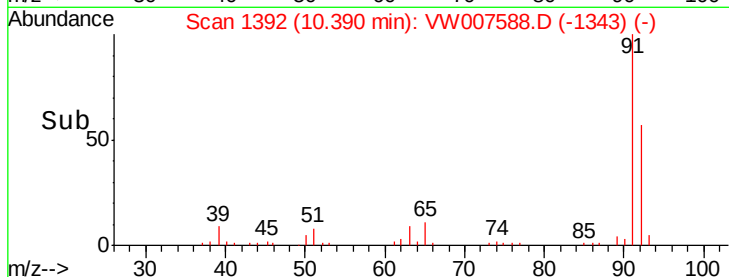


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->



#59

2-Hexanone

Concen: 1.901 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW007588.D

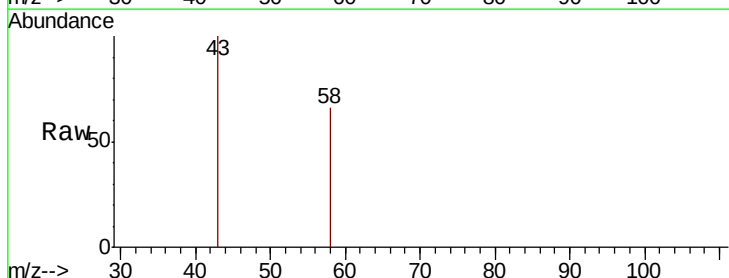
Acq: 15 Dec 2018 17:53

Tgt Ion: 43 Resp: 413

Ion Ratio Lower Upper

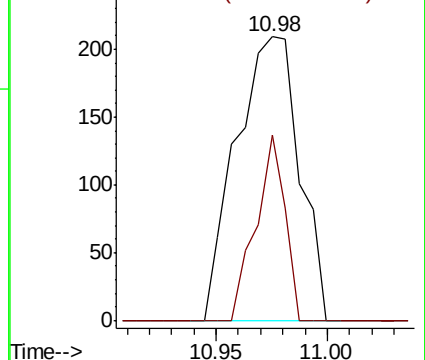
43 100

58 30.3 27.1 81.3

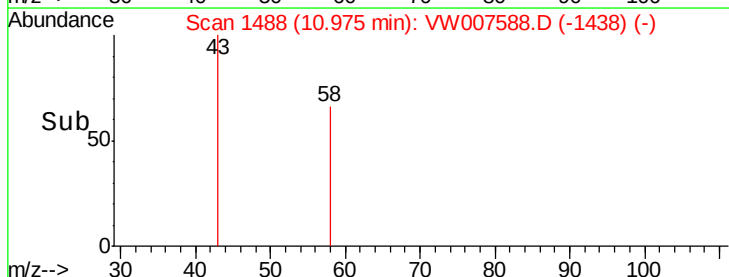


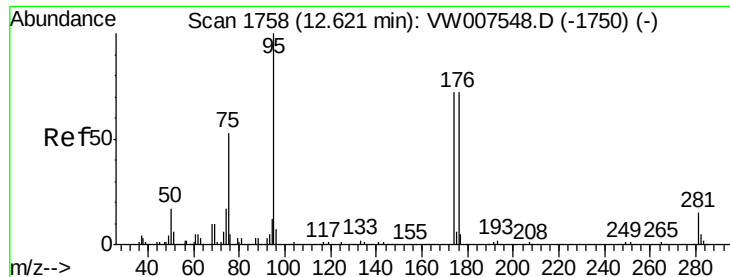
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

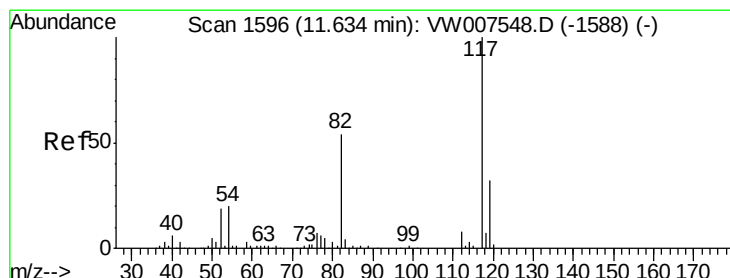
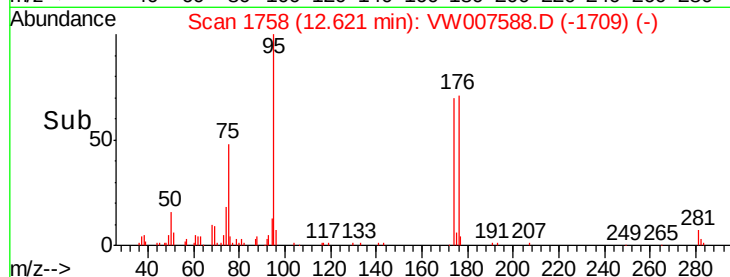
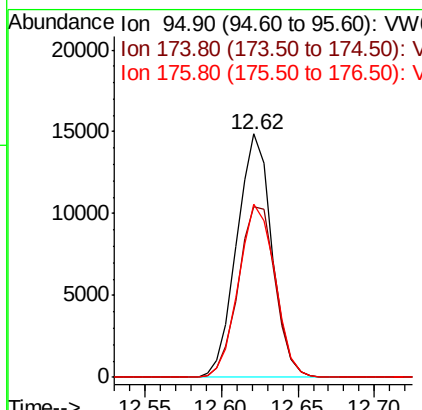
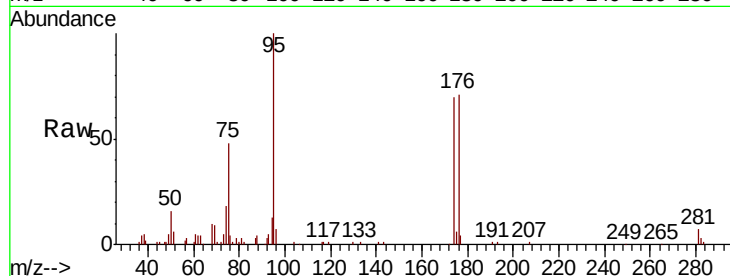




#62
4-Bromofluorobenzene
Concen: 27.571 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007588.D
Acq: 15 Dec 2018 17:53

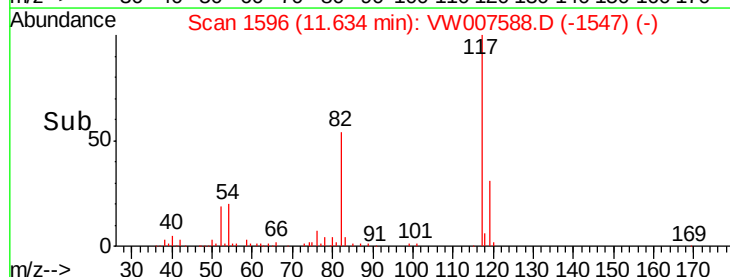
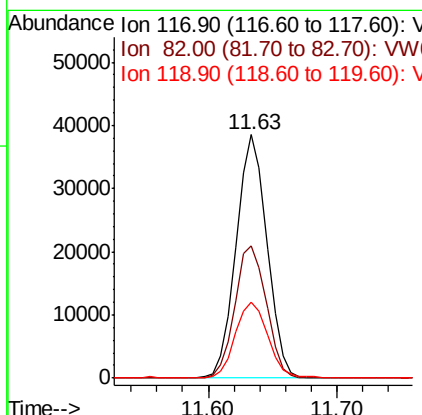
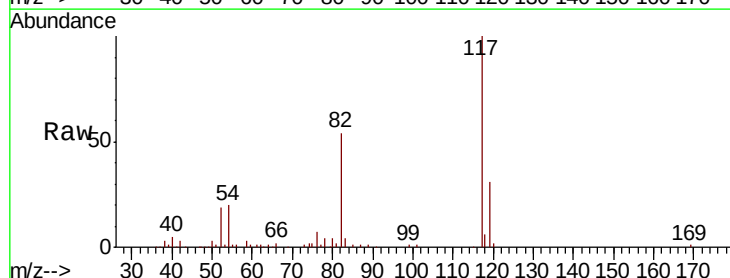
Instrument :
MSVOA_W
ClientSampleId :
P001-SD008-0006-01

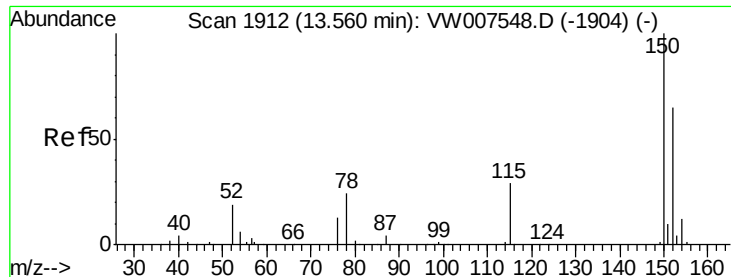
Tgt Ion: 95 Resp: 23676
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.2
176 74.0 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007588.D
Acq: 15 Dec 2018 17:53

Tgt Ion: 117 Resp: 63938
Ion Ratio Lower Upper
117 100
82 54.5 42.3 63.5
119 31.0 23.0 34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007588.D

Acq: 15 Dec 2018 17:53

Instrument :

MSVOA_W

ClientSampleId :

P001-SD008-0006-01

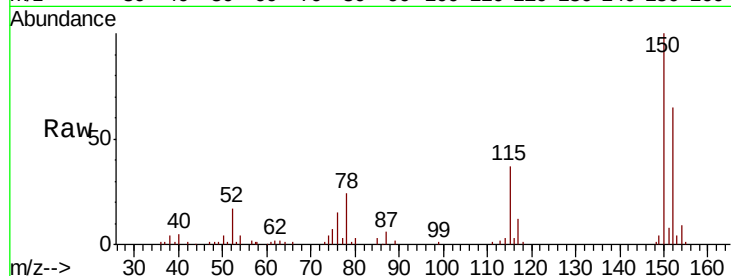
Tgt Ion: 152 Resp: 14761

Ion Ratio Lower Upper

152 100

115 62.4 31.4 94.2

150 157.5 0.0 358.4

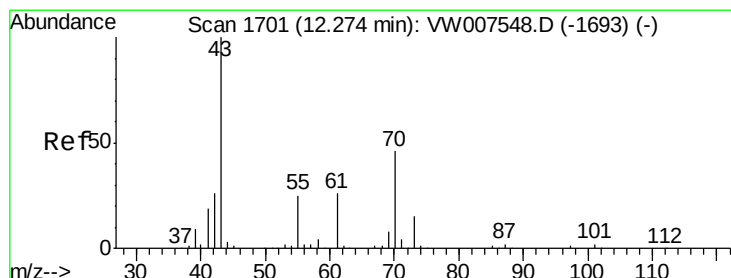
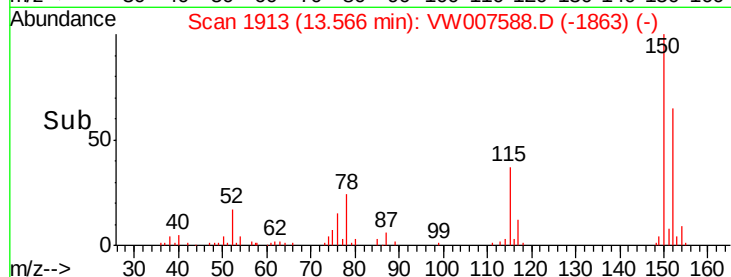
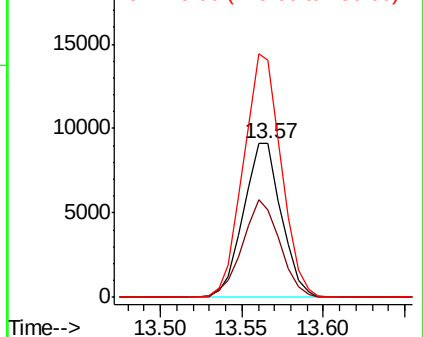


Abundance

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



#74

N-ethyl acetate

Concen: 9.579 ug/l

RT: 12.24 min Scan# 1695

Delta R.T. -0.04 min

Lab File: VW007588.D

Acq: 15 Dec 2018 17:53

Tgt Ion: 43 Resp: 1969

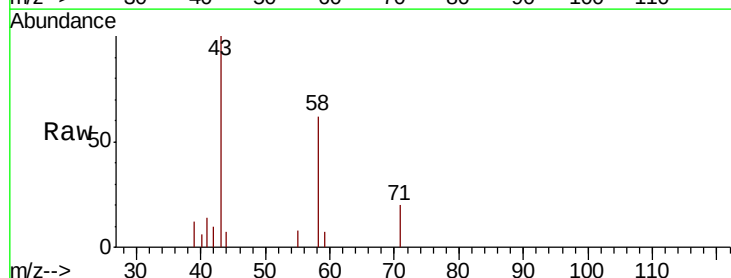
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 5.7 20.1 30.1#

61 0.0 19.3 28.9#



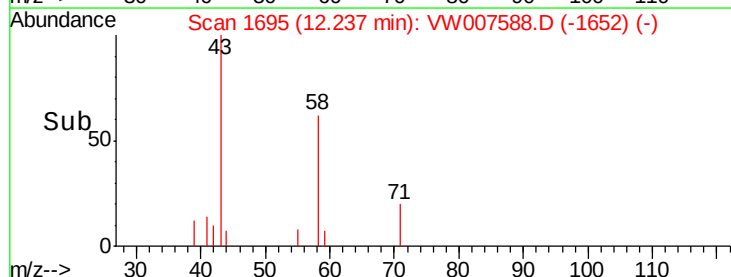
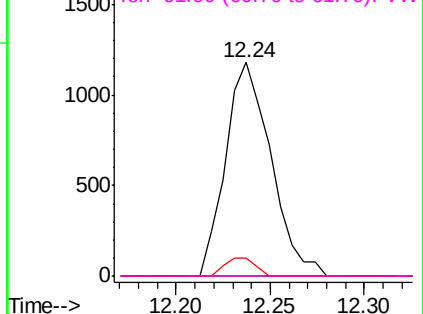
Abundance

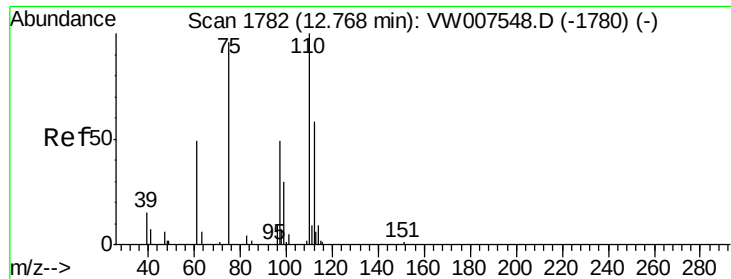
Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

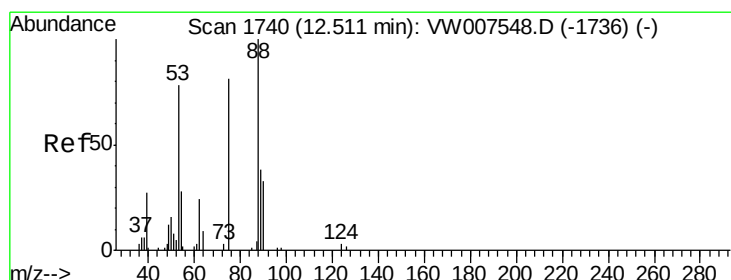
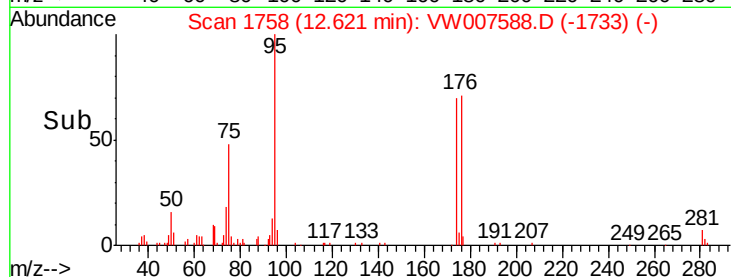
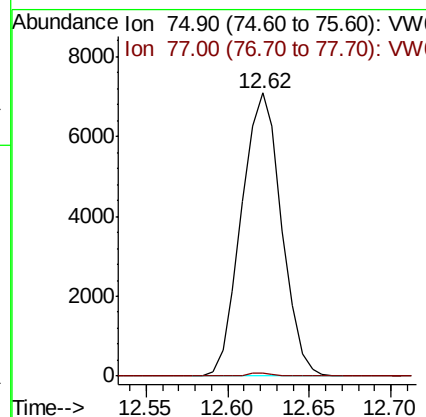
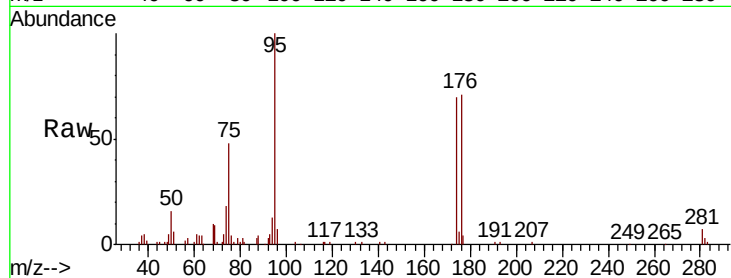




#76
 1,2,3-Trichloropropane
 Concen: 99.418 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007588.D
 Acq: 15 Dec 2018 17:53

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD008-0006-01

Tgt Ion: 75 Resp: 12100
 Ion Ratio Lower Upper
 75 100
 77 0.7 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 219.615 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007588.D
 Acq: 15 Dec 2018 17:53

Tgt Ion: 75 Resp: 12100
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

