

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003893.D
 Acq On : 12 Jul 2018 04:19
 Operator : SY/AP
 Sample : J3930-01
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 04:45:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	153194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	261014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61451	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111120	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
35) Dibromofluoromethane	7.88	113	92916	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.33	98	244524	34.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.98%	
62) 4-Bromofluorobenzene	12.62	95	67503	26.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.40%	

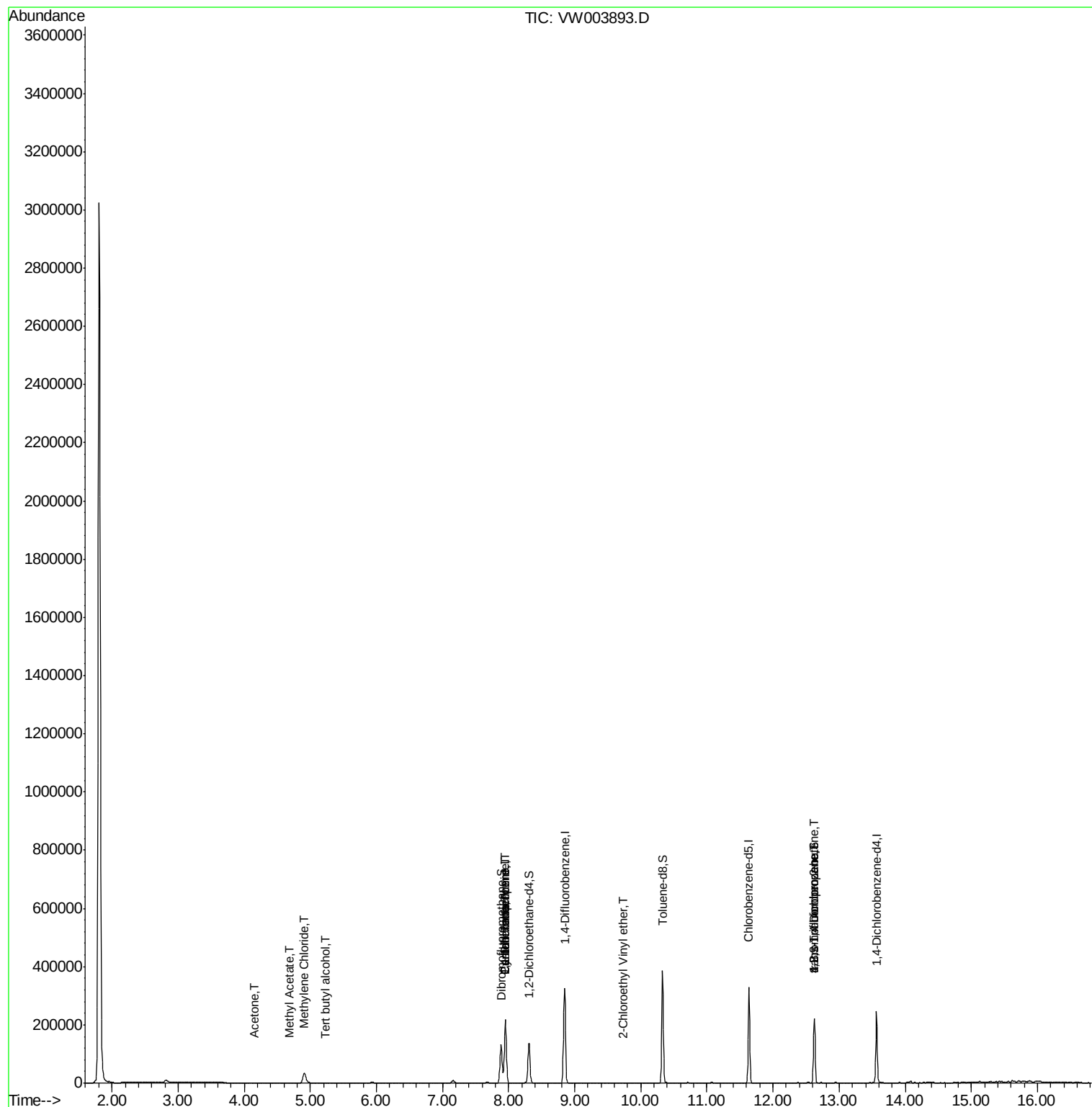
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.22	59	187	1.722	ug/l #	70
16) Acetone	4.15	43	2187	6.292	ug/l #	70
18) Methyl Acetate	4.68	43	2430	2.480	ug/l #	74
20) Methylene Chloride	4.90	84	26782	12.525	ug/l	93
31) Cyclohexane	7.95	56	4103	1.404	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	12999	4.694	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15617	5.931	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.74	63	41	13.208	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	36912	61.169	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36912	149.635	ug/l #	8

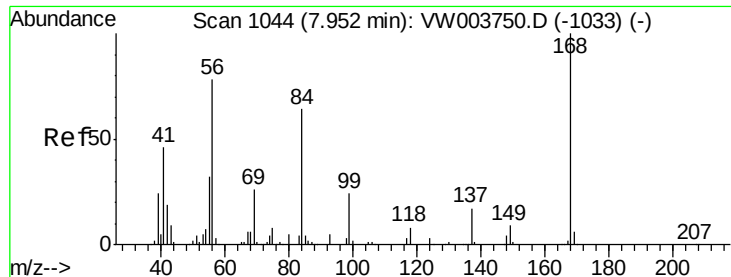
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003893.D

Acq: 12 Jul 2018 04:19

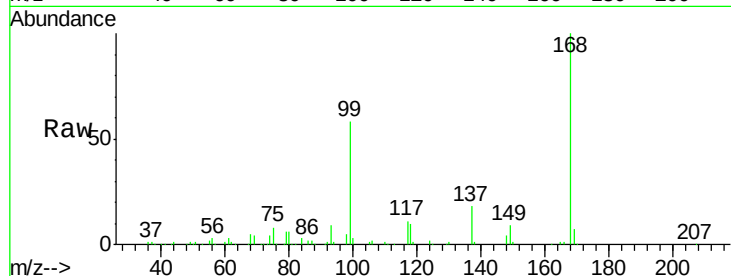
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 153194

Ion Ratio Lower Upper

168 100

99 58.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

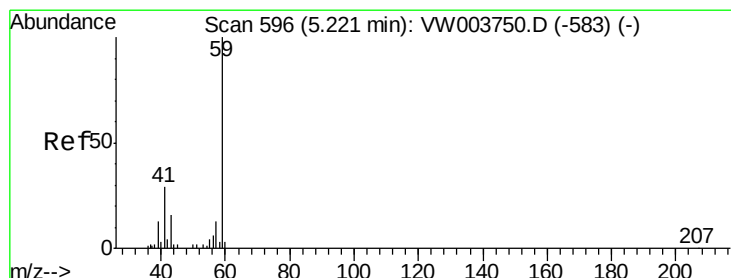
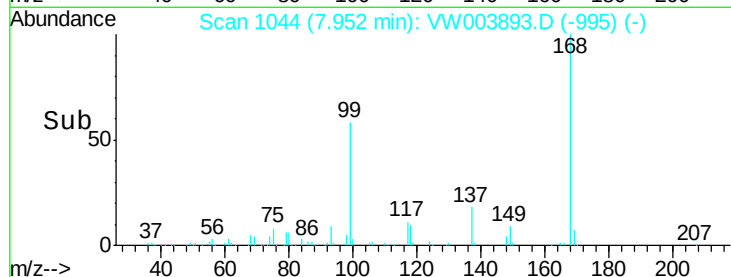
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.722 ug/l

RT: 5.22 min Scan# 596

Delta R.T. -0.00 min

Lab File: VW003893.D

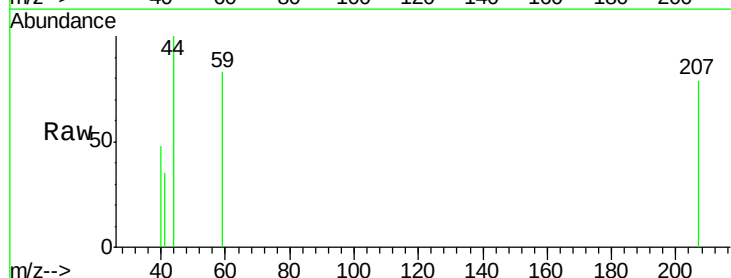
Acq: 12 Jul 2018 04:19

Tgt Ion: 59 Resp: 187

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

200

150

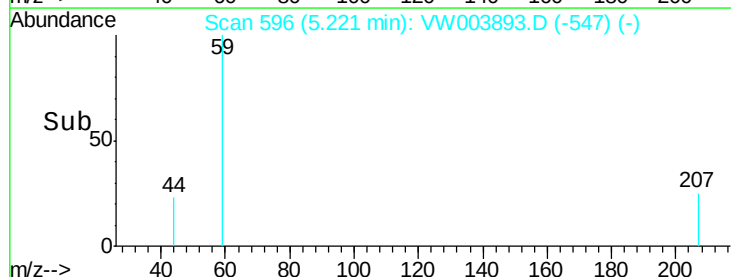
100

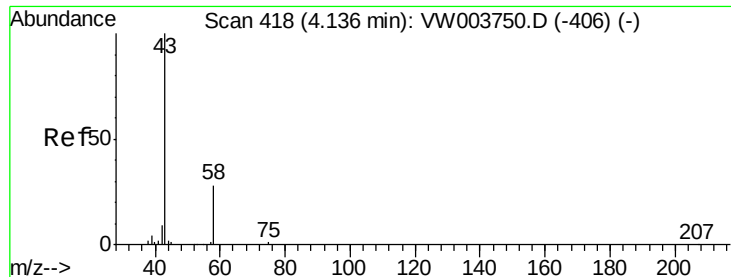
50

0

5.20 5.22 5.24

Time-->

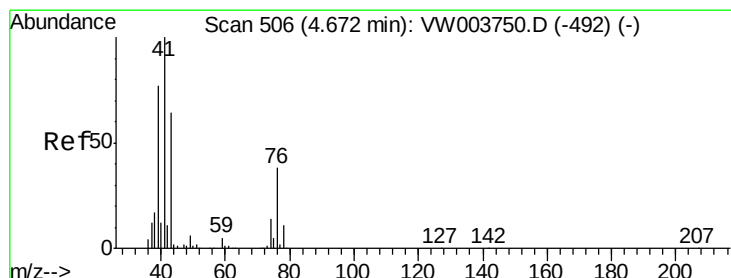
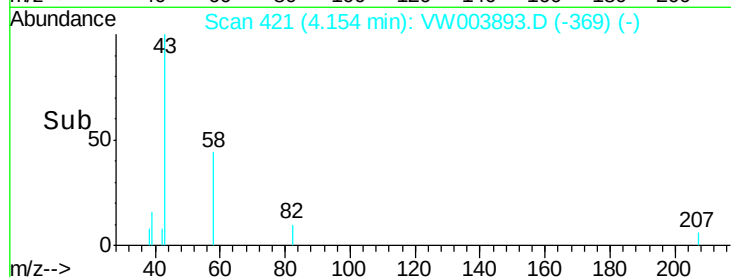
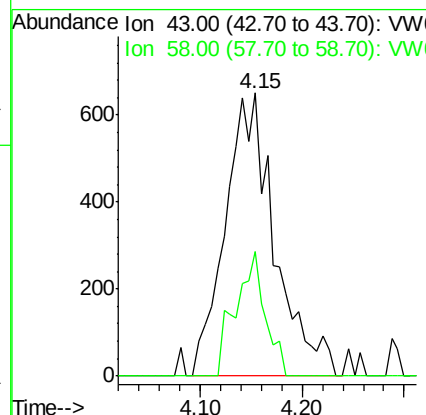
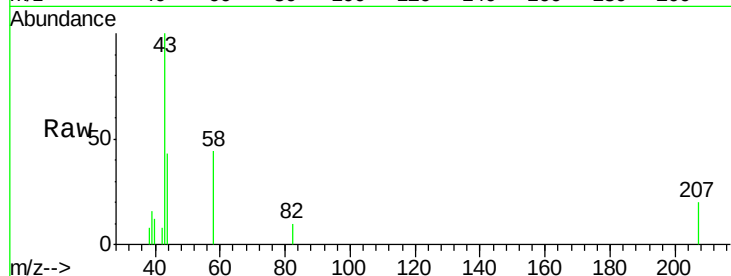




#16
Acetone
Concen: 6.292 ug/l
RT: 4.15 min Scan# 421
Delta R.T. 0.02 min
Lab File: VW003893.D
Acq: 12 Jul 2018 04:19

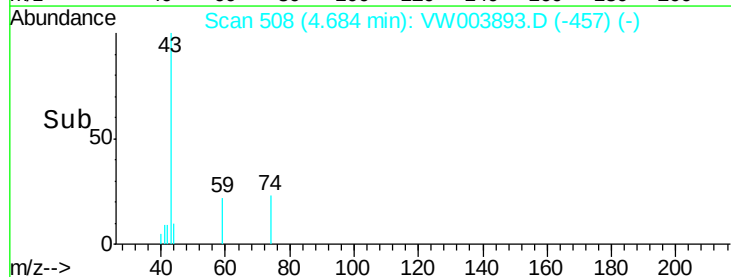
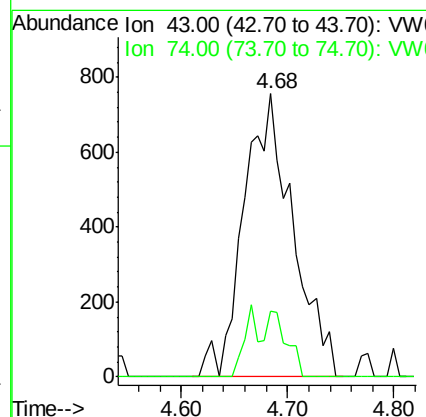
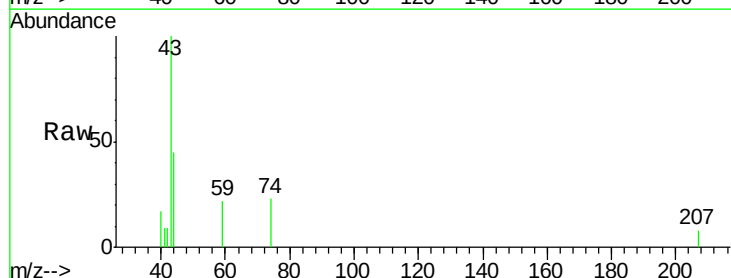
Instrument :
MSVOA_W
ClientSampled :

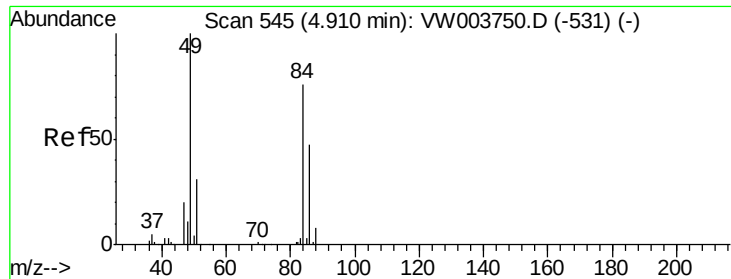
Tot Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
58 44.1 22.6 34.0#



#18
Methyl Acetate
Concen: 2.480 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.01 min
Lab File: VW003893.D
Acq: 12 Jul 2018 04:19

Tgt Ion: 43 Resp: 2430
Ion Ratio Lower Upper
43 100
74 9.1 17.3 25.9#

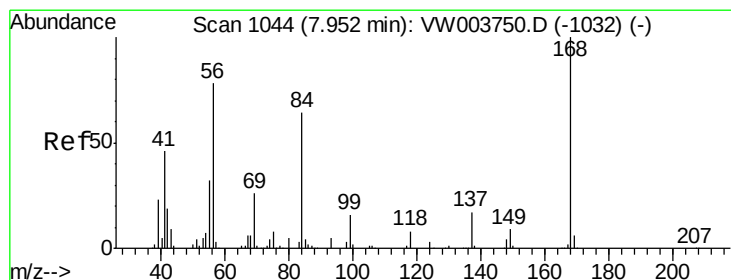
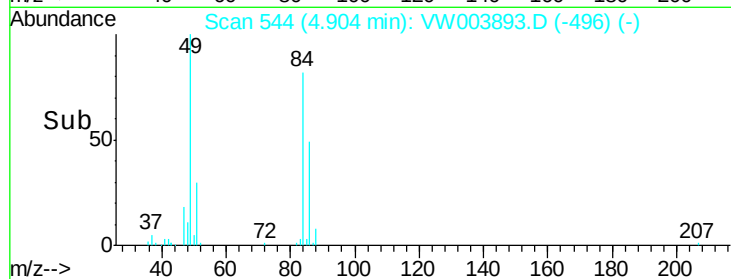
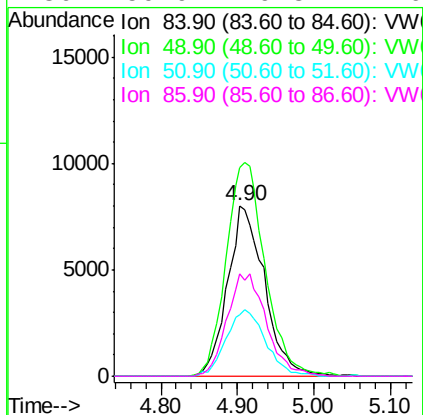
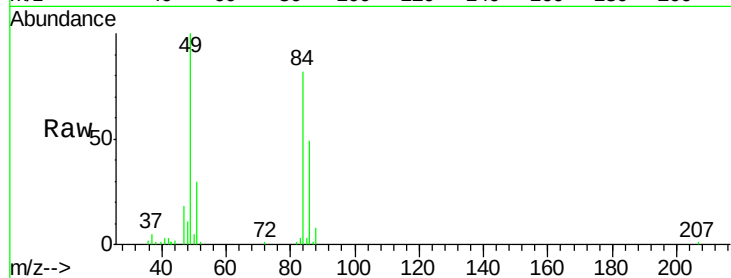




#20
Methvlene Chloride
Concen: 12.525 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003893.D
Acq: 12 Jul 2018 04:19

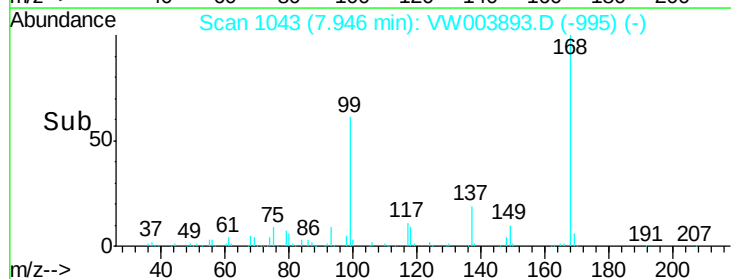
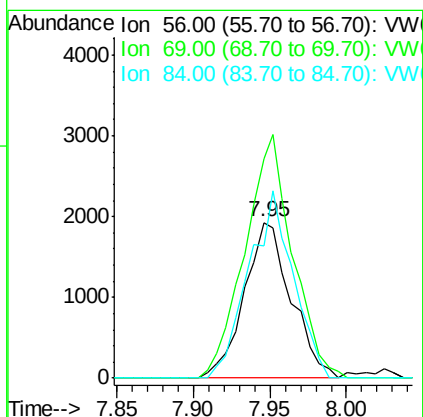
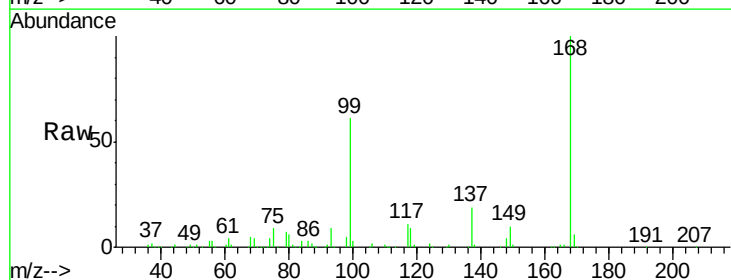
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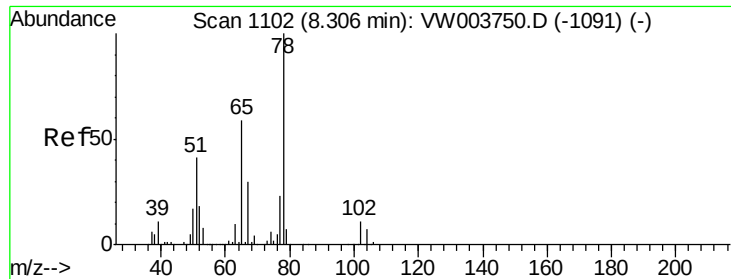
Tot Ion:	84	Resp:	26782
Ion	Ratio	Lower	Upper
84	100		
49	121.9	105.1	157.7
51	36.3	32.5	48.7
86	59.9	49.8	74.6



#31
Cyclohexane
Concen: 1.404 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003893.D
Acq: 12 Jul 2018 04:19

Tgt Ion:	56	Resp:	4103
Ion	Ratio	Lower	Upper
56	100		
69	140.7	26.2	39.4#
84	85.1	65.5	98.3

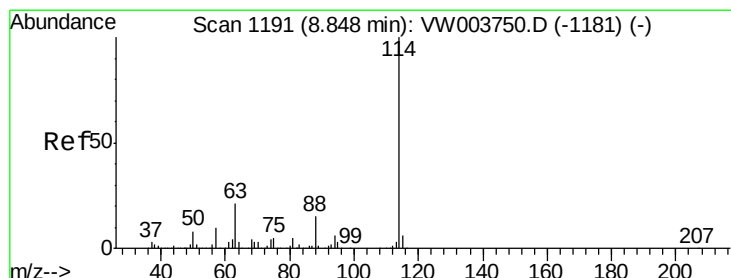
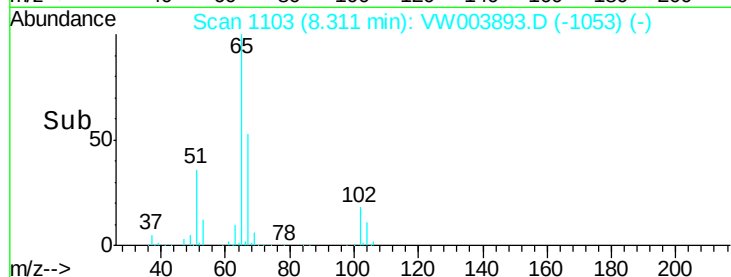
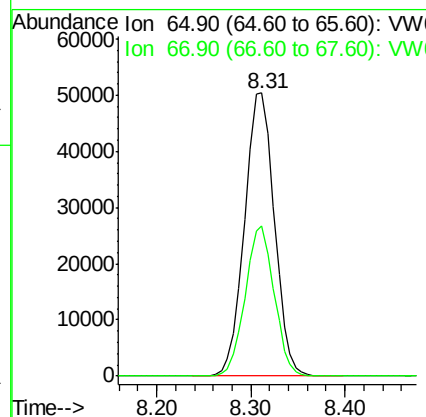
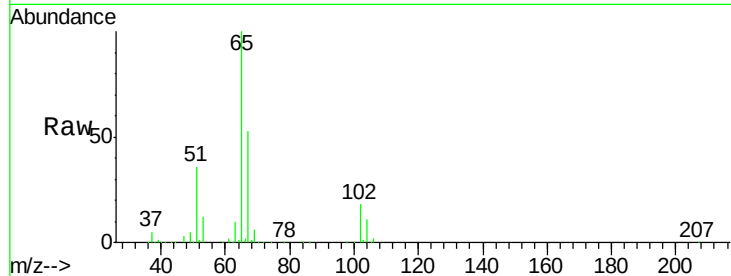




#33
 1,2-Dichloroethane-d4
 Concen: 55.467 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003893.D
 Acq: 12 Jul 2018 04:19

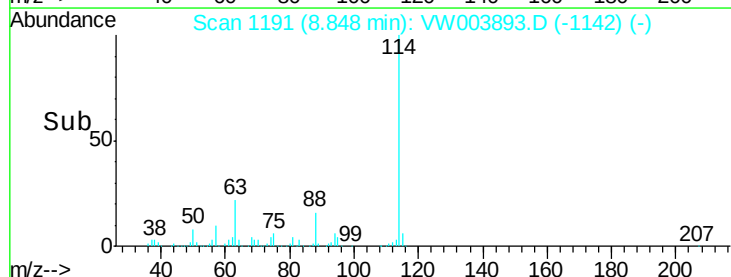
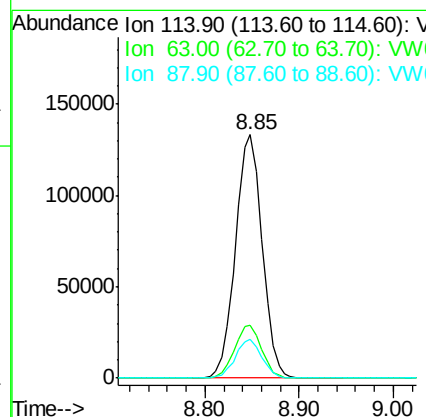
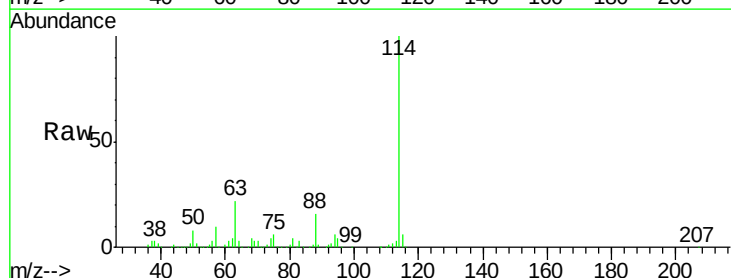
Instrument :
 MSVOA_W
 ClientSampled :

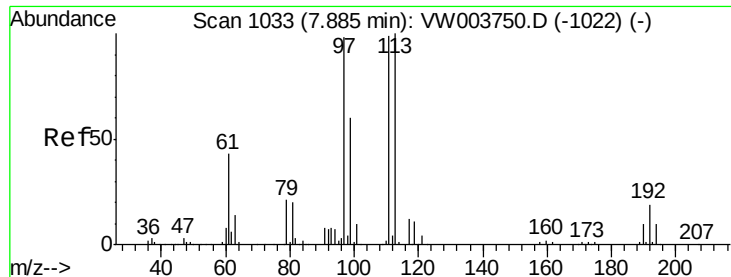
Tot Ion: 65 Resp: 111120
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003893.D
 Acq: 12 Jul 2018 04:19

Tgt Ion: 114 Resp: 261014
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 15.9 0.0 30.2

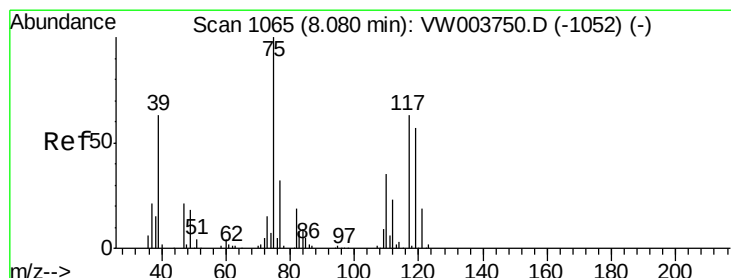
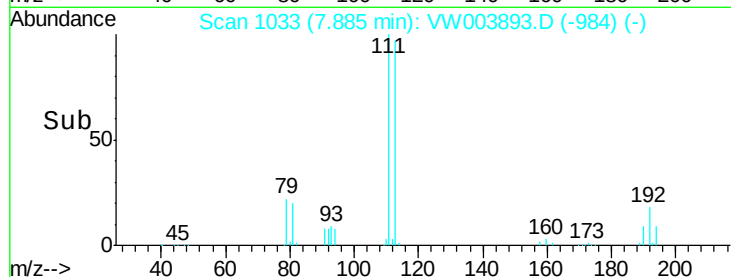
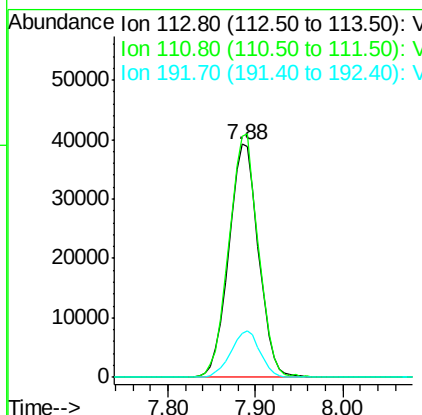
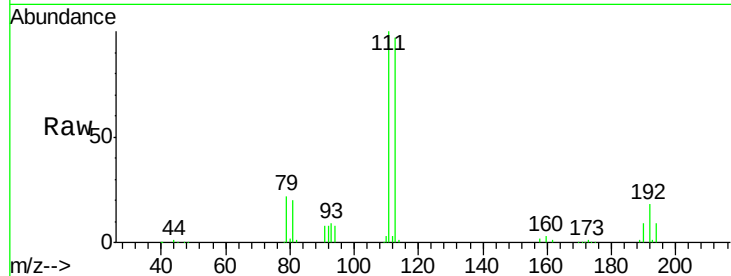




#35
 Dibromofluoromethane
 Concen: 50.863 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003893.D
 Acq: 12 Jul 2018 04:19

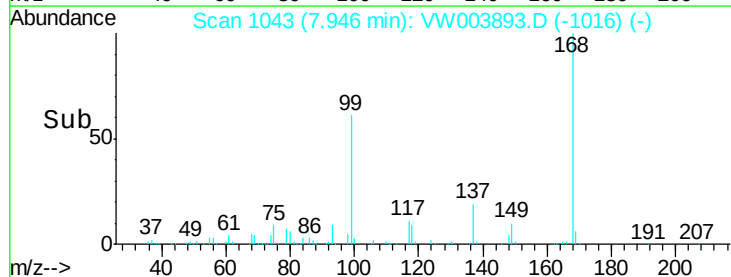
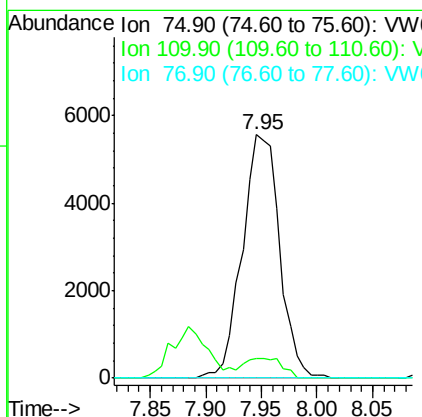
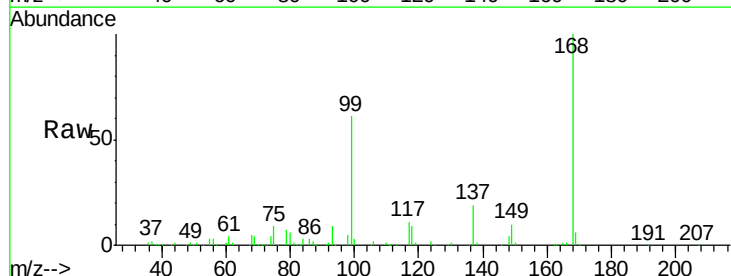
Instrument :
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 ClientSampled :

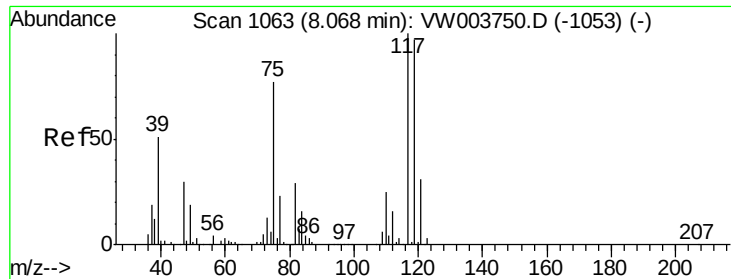
Tot Ion:113 Resp: 92916
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 19.6 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.694 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003893.D
 Acq: 12 Jul 2018 04:19

Tgt Ion: 75 Resp: 12999
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.9 50.6#
 77 0.0 24.8 37.2#

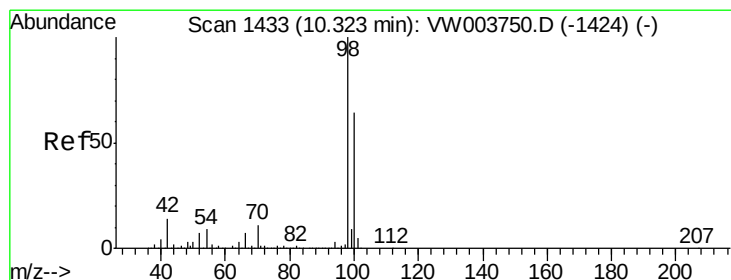
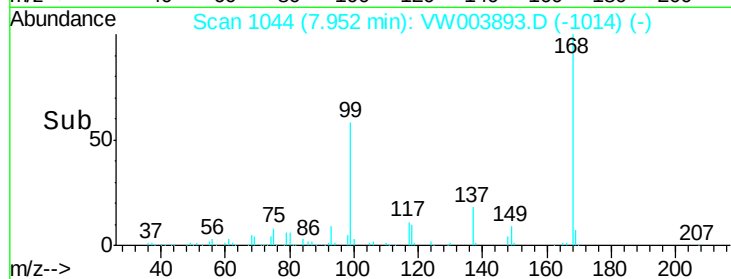
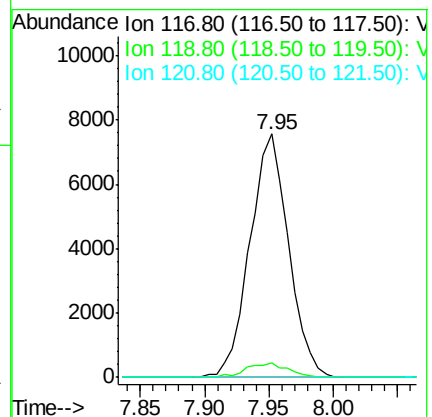
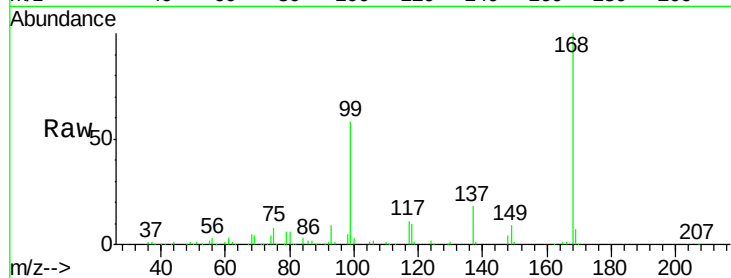




#38
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003893.D
Acq: 12 Jul 2018 04:19

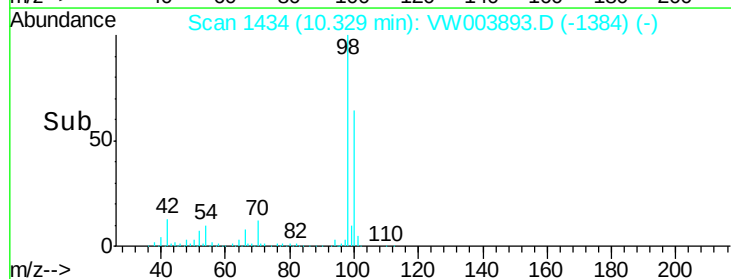
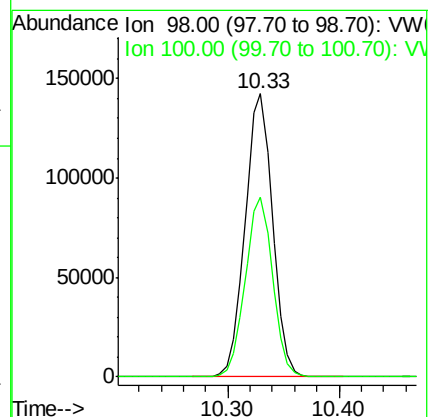
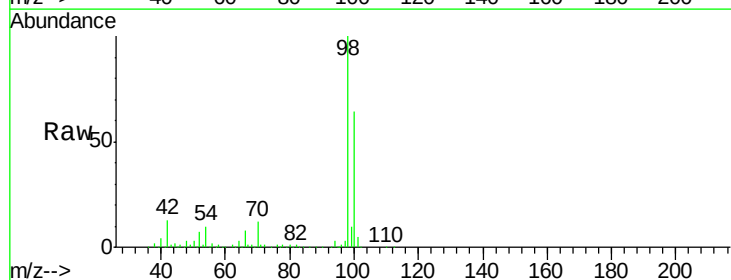
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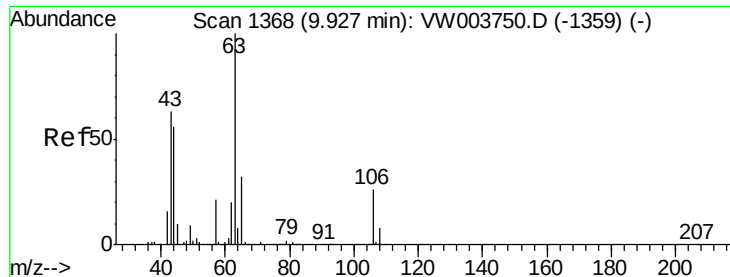
Tot Ion:117 Resp: 15617
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 34.992 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003893.D
Acq: 12 Jul 2018 04:19

Tgt Ion: 98 Resp: 244524
Ion Ratio Lower Upper
98 100
100 63.0 50.8 76.2

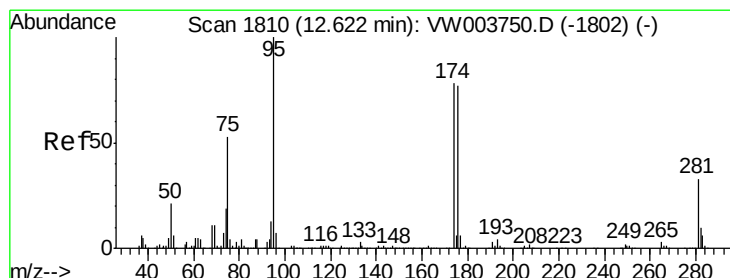
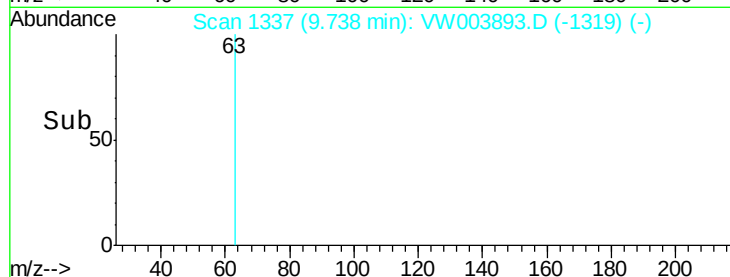
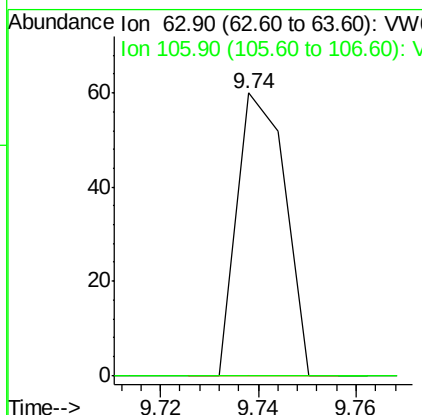
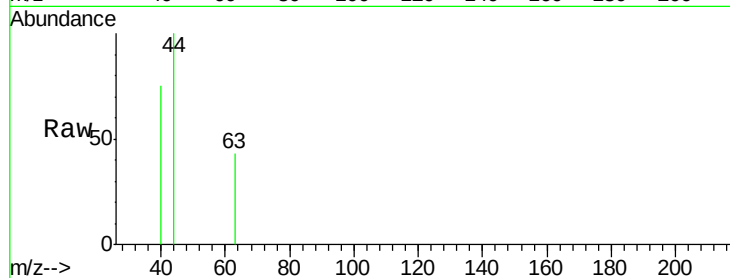




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.208 ug/l
 RT: 9.74 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: VW003893.D
 Acq: 12 Jul 2018 04:19

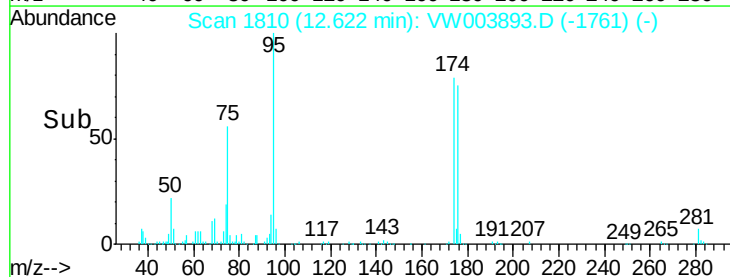
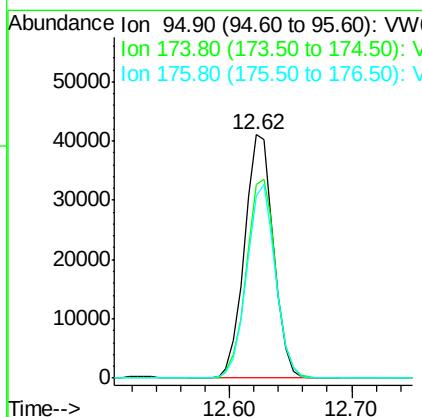
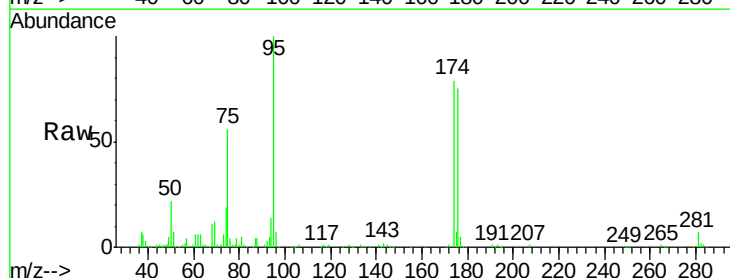
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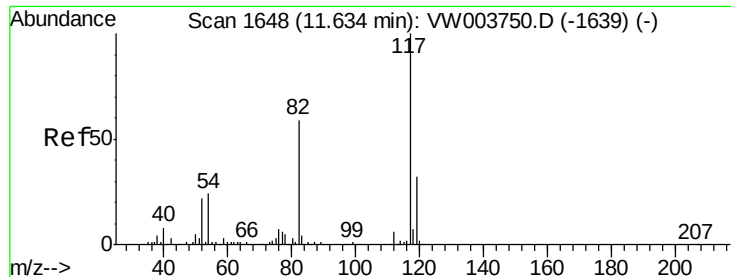
Tot Ion: 63 Resp: 41
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 26.698 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003893.D
 Acq: 12 Jul 2018 04:19

Tgt Ion: 95 Resp: 67503
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 163.4
 176 78.5 0.0 156.8

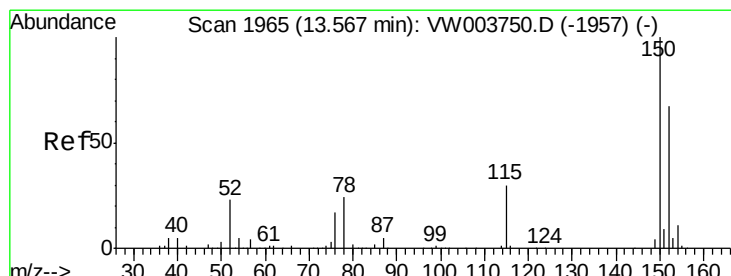
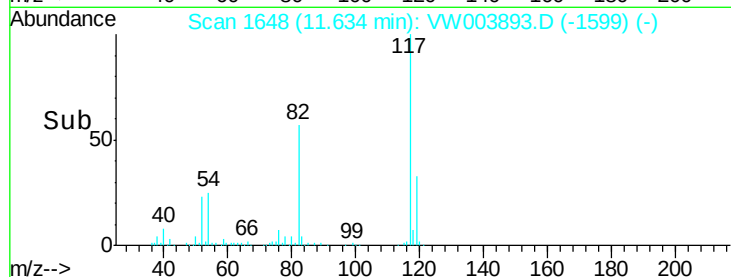
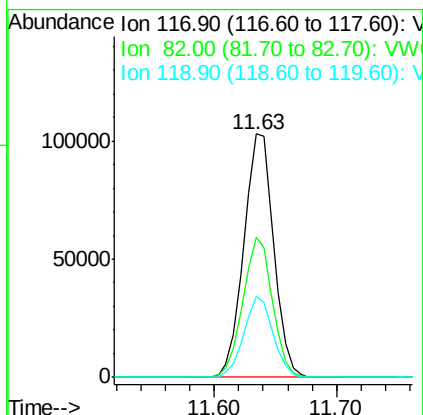
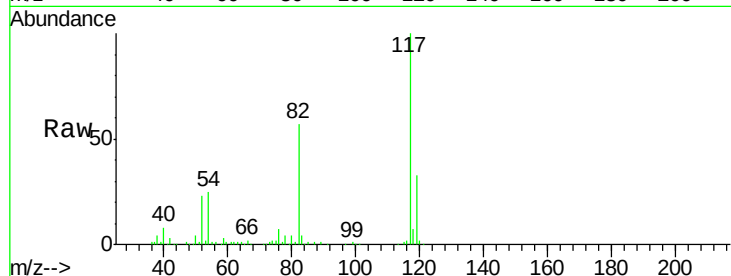




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003893.D
Acq: 12 Jul 2018 04:19

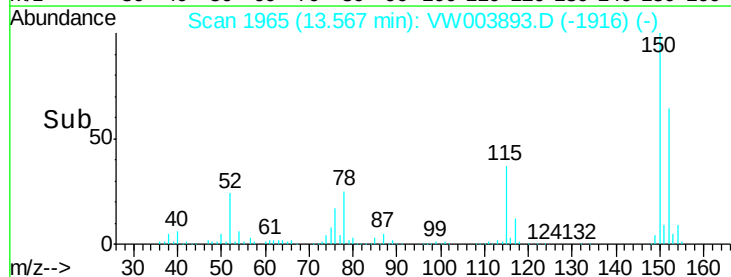
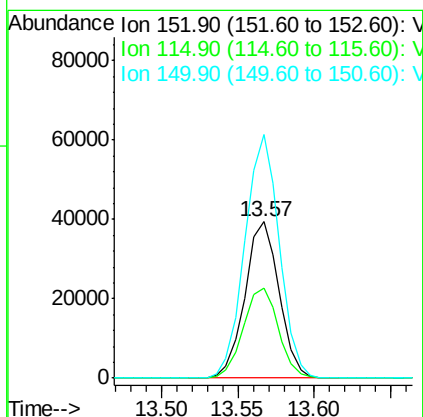
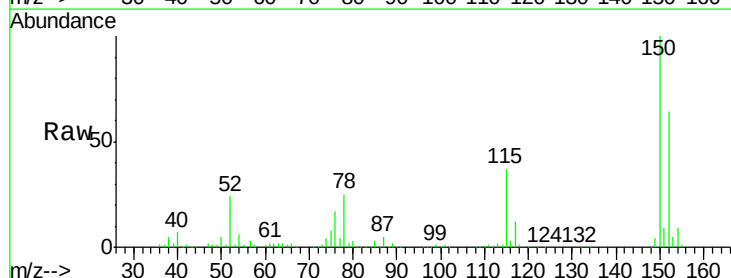
Instrument :
MSVOA_W
ClientSampleId :

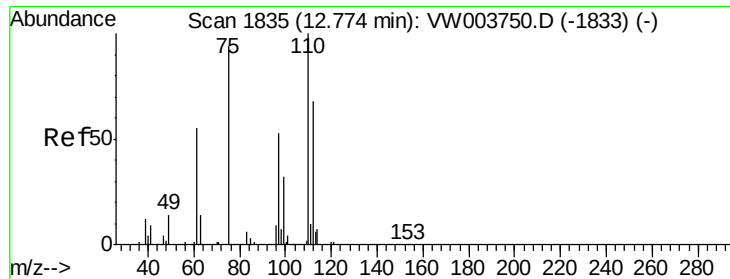
Tot Ion:117 Resp: 175022
Ion Ratio Lower Upper
117 100
82 57.3 46.9 70.3
119 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003893.D
Acq: 12 Jul 2018 04:19

Tgt Ion:152 Resp: 61451
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 156.5 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 61.169 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003893.D

Acq: 12 Jul 2018 04:19

Instrument :

MSVOA_W

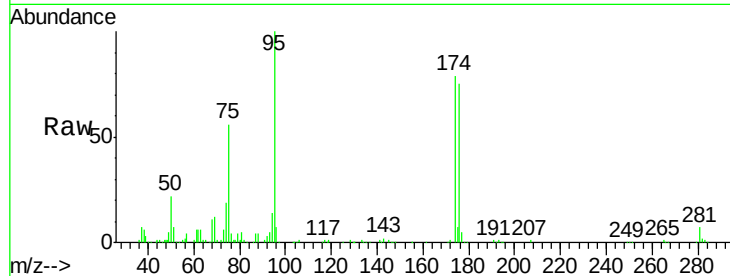
ClientSampled :

Tot Ion: 75 Resp: 36912

Ion Ratio Lower Upper

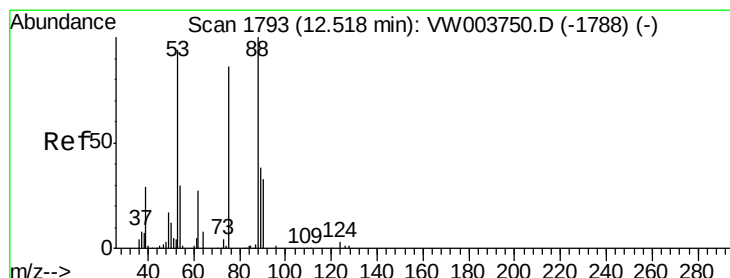
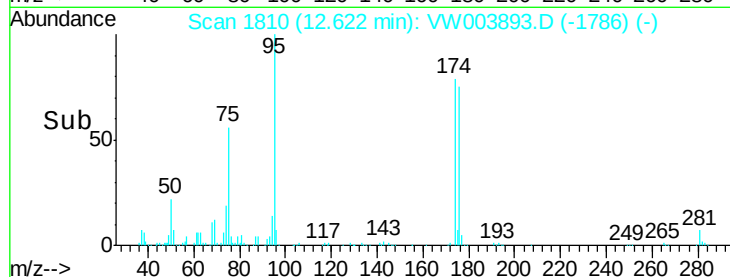
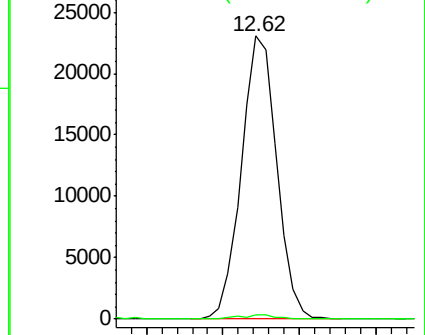
75 100

77 1.6 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: 149.635 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003893.D

Acq: 12 Jul 2018 04:19

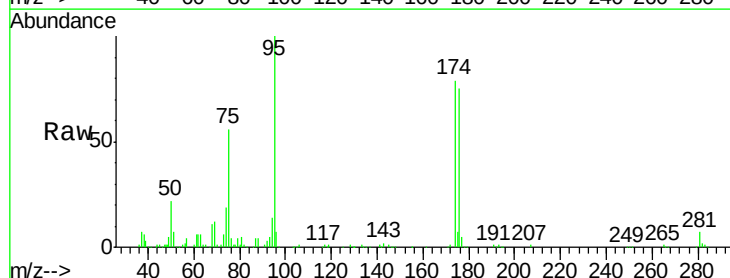
Tgt Ion: 75 Resp: 36912

Ion Ratio Lower Upper

75 100

53 0.6 85.0 127.6#

89 0.1 36.3 54.5#



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

