

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003610.D
 Acq On : 27 Jun 2018 13:48
 Operator : SY/AP
 Sample : J3241-17RE
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 27 14:21:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	282090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	117331	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	78419	43.09	ug/l	0.00
Spiked Amount			Recovery	=	86.18%	
35) Dibromofluoromethane	7.89	113	69580	39.70	ug/l	0.00
Spiked Amount			Recovery	=	79.40%	
50) Toluene-d8	10.33	98	218831	31.49	ug/l	0.00
Spiked Amount			Recovery	=	62.98%	
62) 4-Bromofluorobenzene	12.63	95	81452	33.12	ug/l	0.00
Spiked Amount			Recovery	=	66.24%	

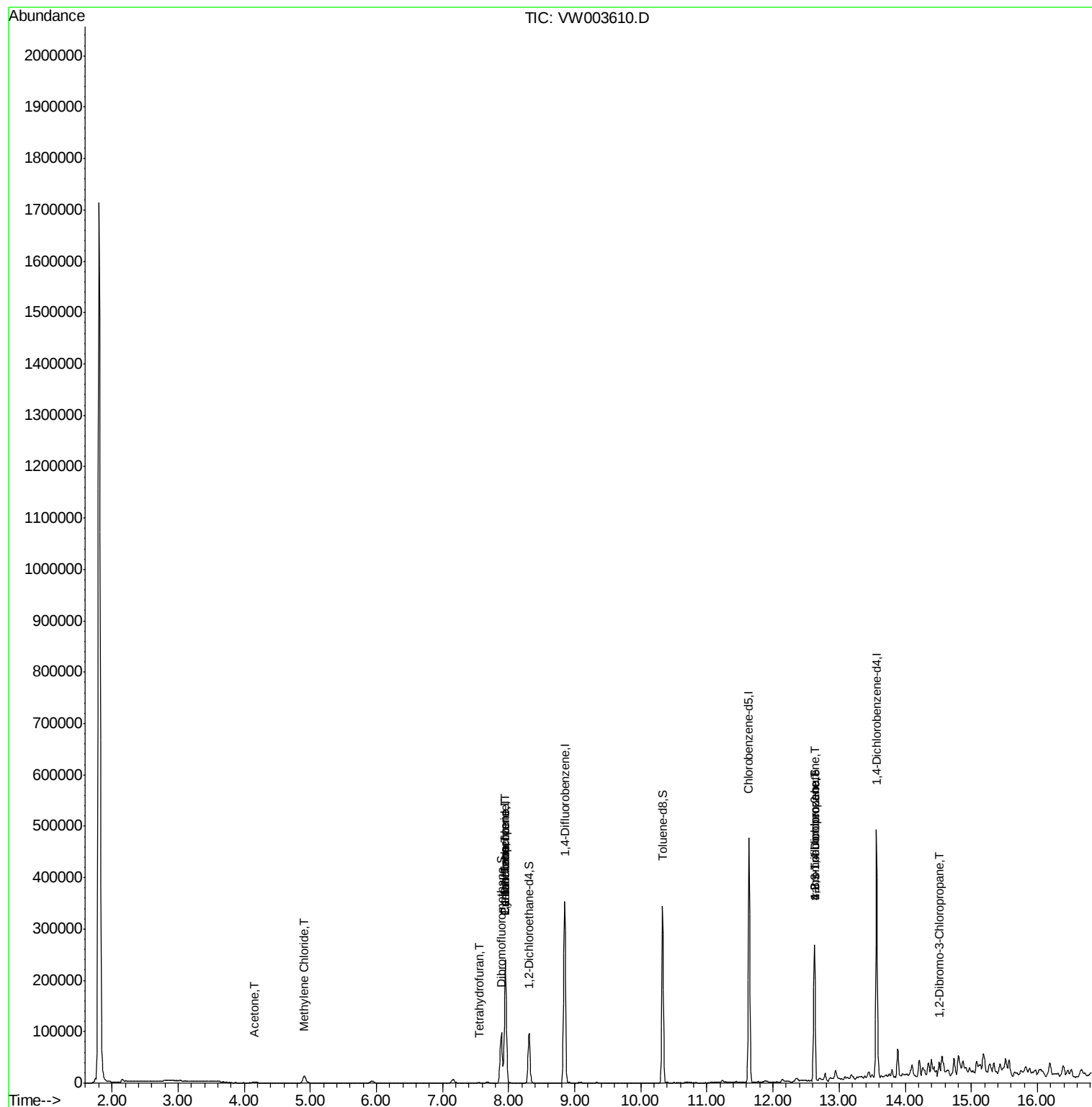
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	3784	9.91	ug/l #	88
20) Methylene Chloride	4.91	84	10218	2.84	ug/l	92
29) Tetrahydrofuran	7.56	42	444	1.53	ug/l #	65
31) Cyclohexane	7.95	56	4409	1.50	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	14178	5.20	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17302	6.47	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	45408	45.27	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	45408	104.17	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.51	75	312	1.34	ug/l #	4

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003610.D

Acq: 27 Jun 2018 13:48

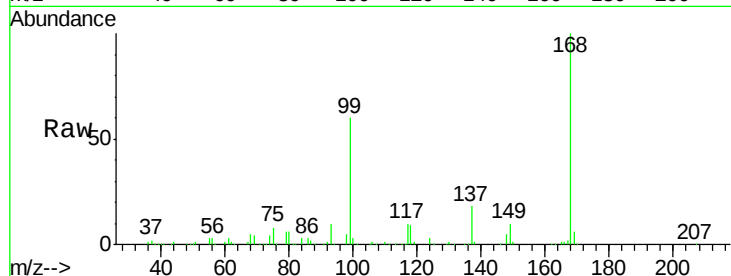
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 168004

Ion Ratio Lower Upper

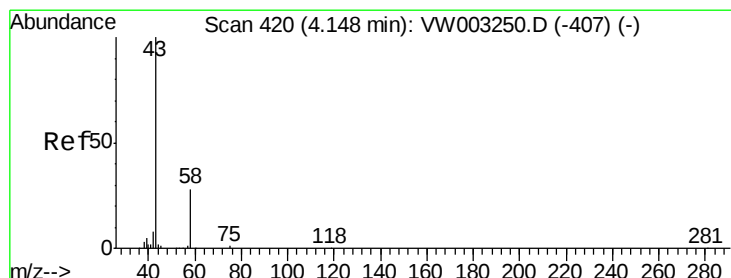
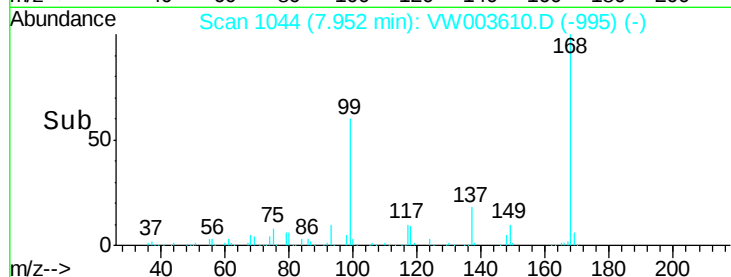
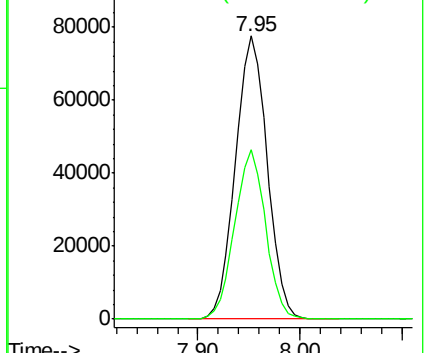
168 100

99 60.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 9.91 ug/l

RT: 4.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VW003610.D

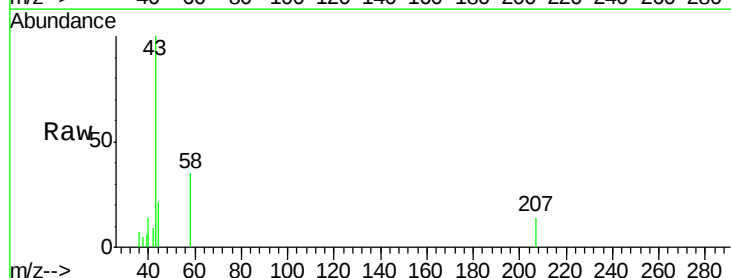
Acq: 27 Jun 2018 13:48

Tgt Ion: 43 Resp: 3784

Ion Ratio Lower Upper

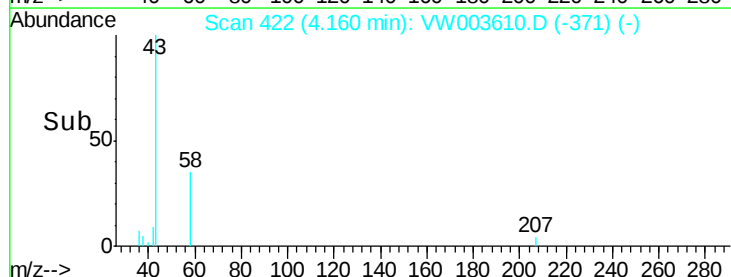
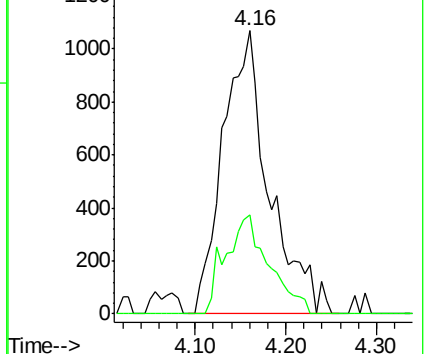
43 100

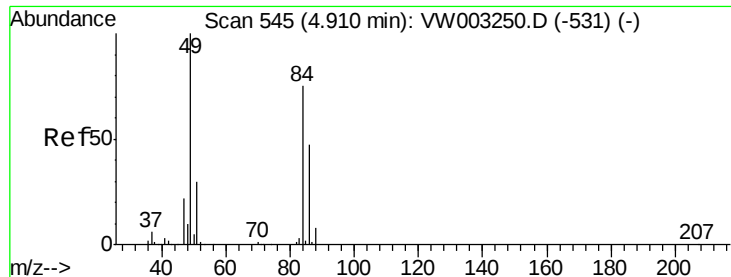
58 34.8 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

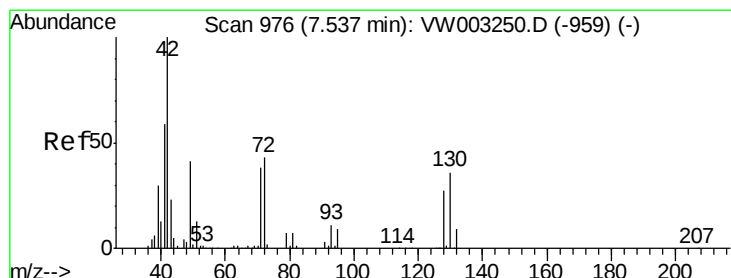
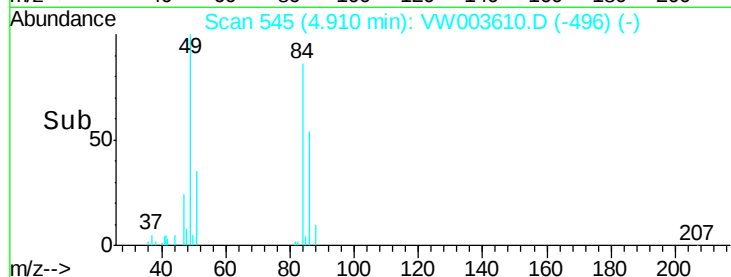
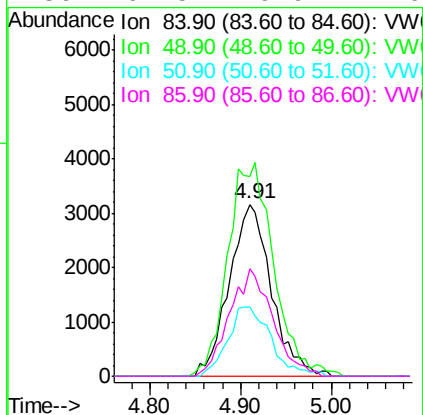
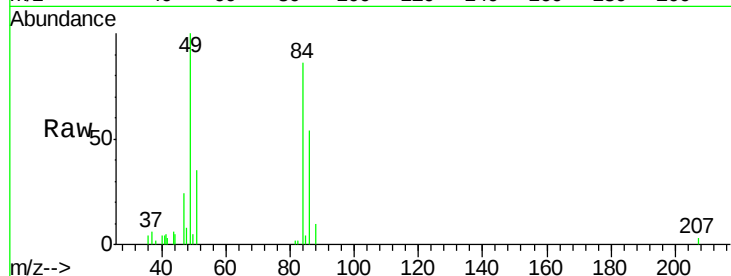




#20
Methvlene Chloride
Concen: 2.84 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

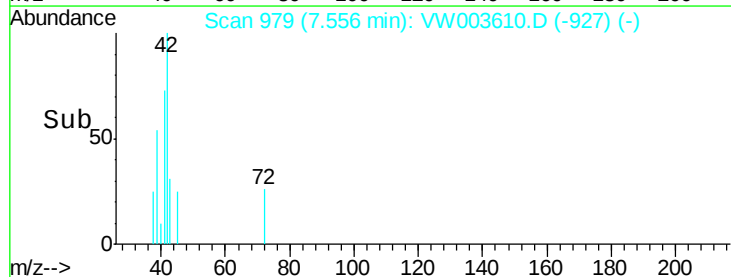
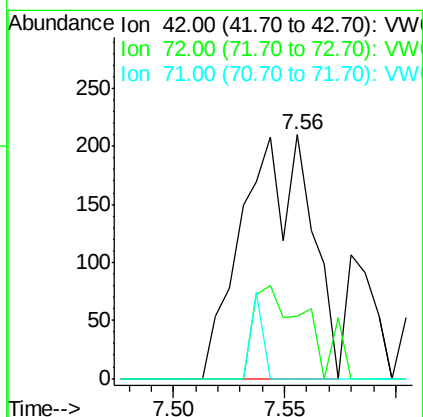
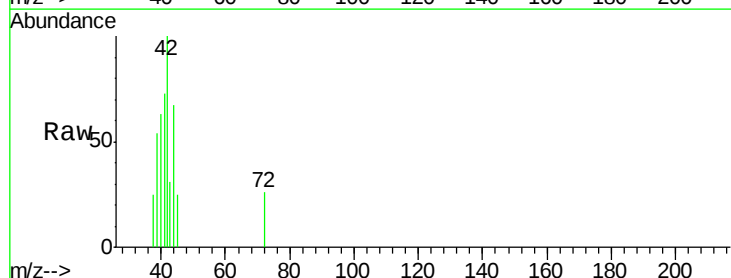
Instrument :
MSVOA_W
ClientSampled :

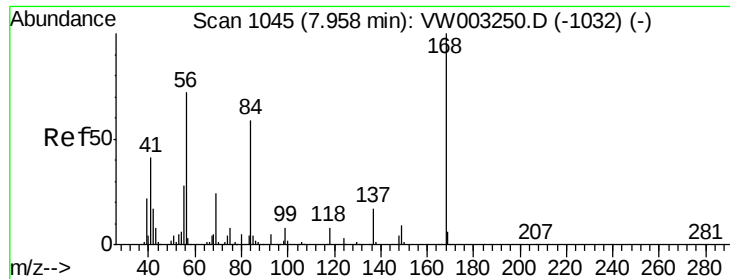
Tot Ion: 84 Resp: 10218
Ion Ratio Lower Upper
84 100
49 116.0 106.3 159.5
51 40.4 32.0 48.0
86 62.5 49.9 74.9



#29
Tetrahydrofuran
Concen: 1.53 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.02 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

Tgt Ion: 42 Resp: 444
Ion Ratio Lower Upper
42 100
72 30.6 32.4 48.6#
71 6.1 31.2 46.8#

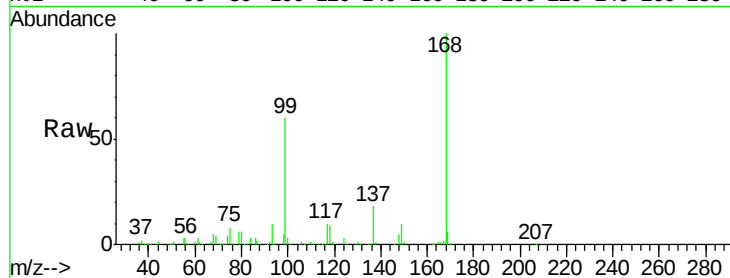




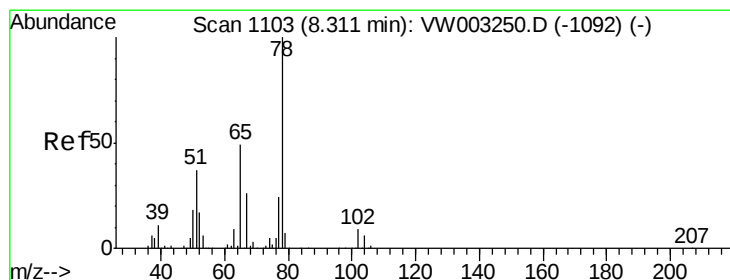
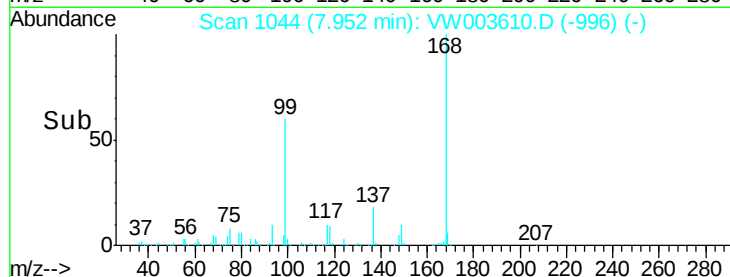
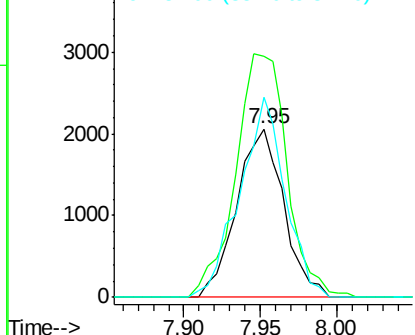
#31
Cyclohexane
Concen: 1.50 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 4409
Ion Ratio Lower Upper
56 100
69 143.5 26.3 39.5#
84 118.9 65.7 98.5#

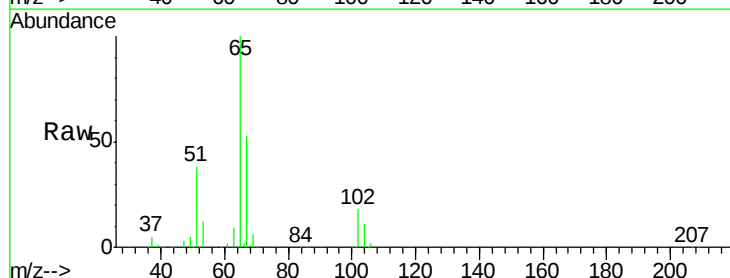


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

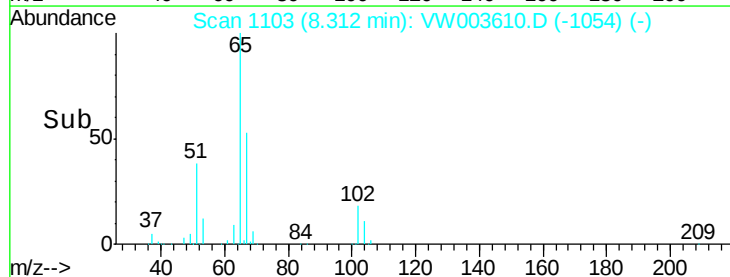
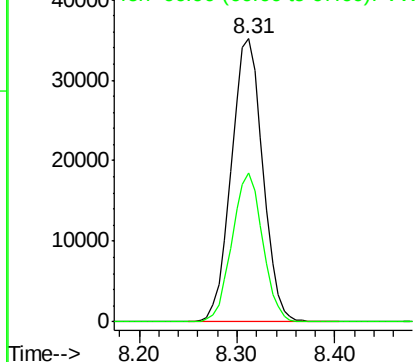


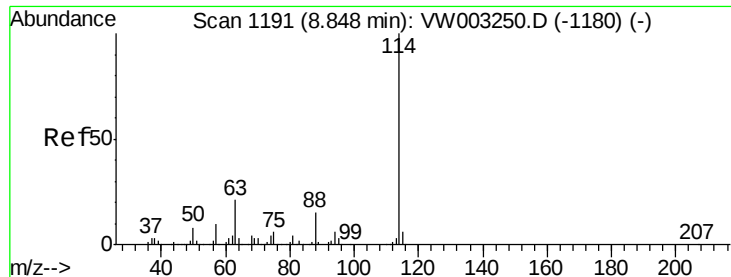
#33
1,2-Dichloroethane-d4
Concen: 43.09 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

Tgt Ion: 65 Resp: 78419
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.2



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

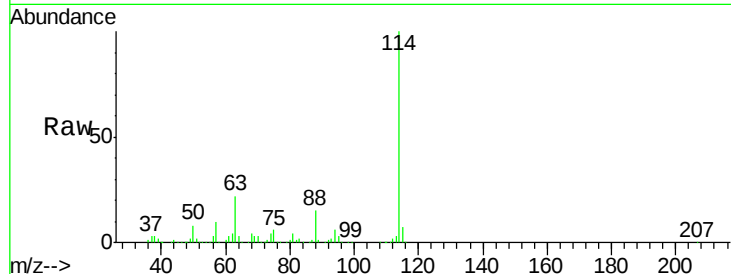




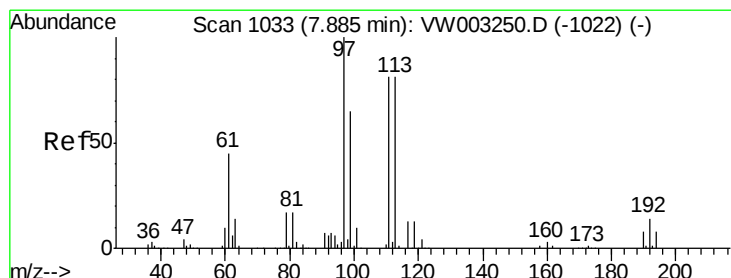
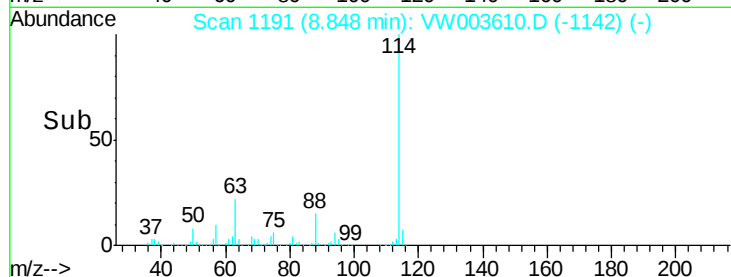
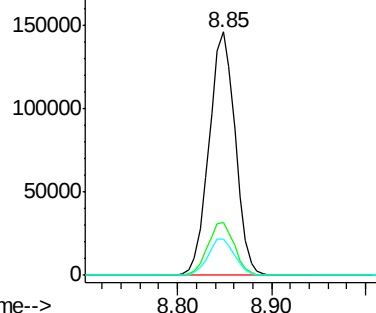
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003610.D
 Acq: 27 Jun 2018 13:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	15.0	0.0	29.6

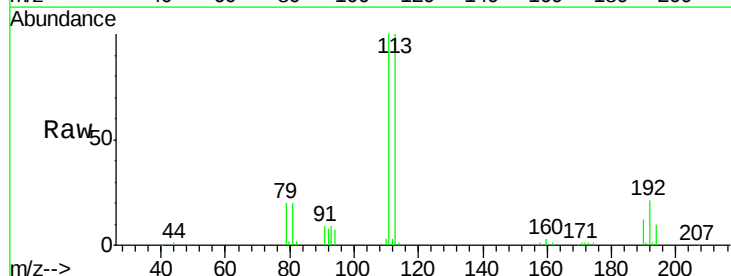


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

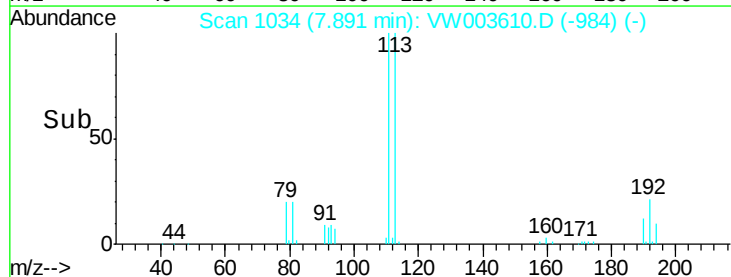
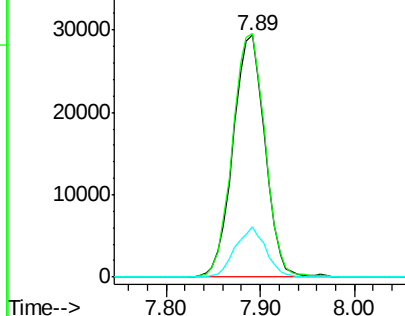


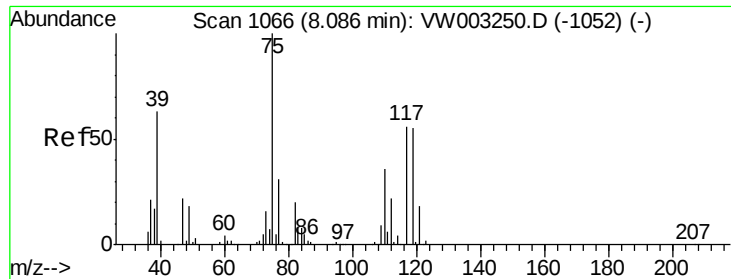
#35
 Dibromofluoromethane
 Concen: 39.70 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003610.D
 Acq: 27 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	19.9	16.2	24.2



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

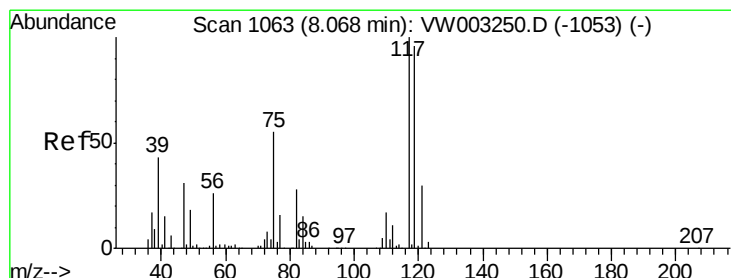
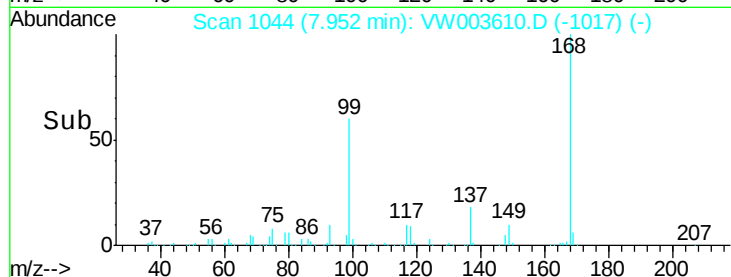
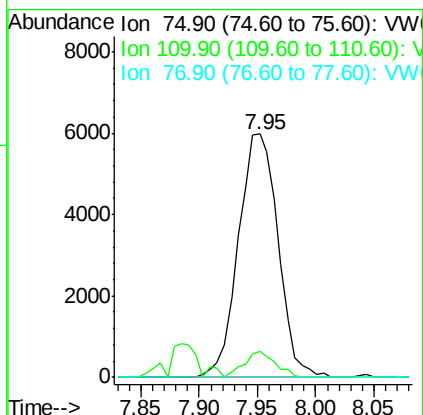
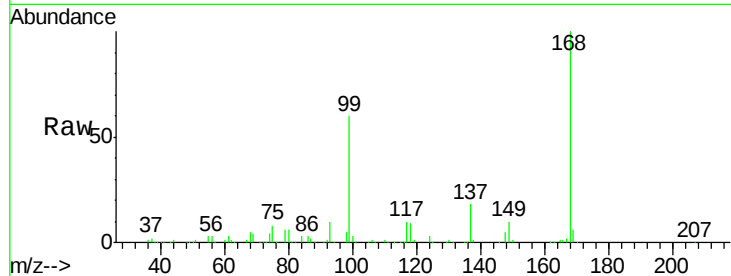




#36
 1,1-Dichloropropene
 Concen: 5.20 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003610.D
 Acq: 27 Jun 2018 13:48

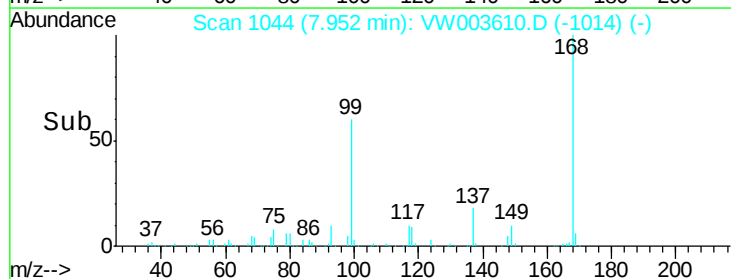
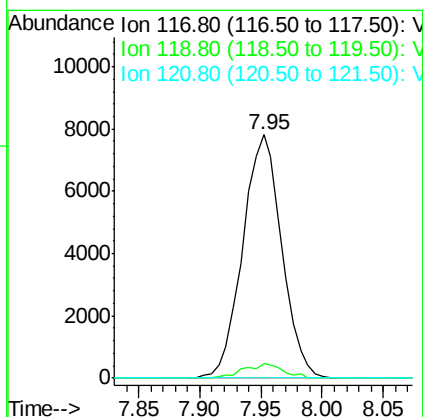
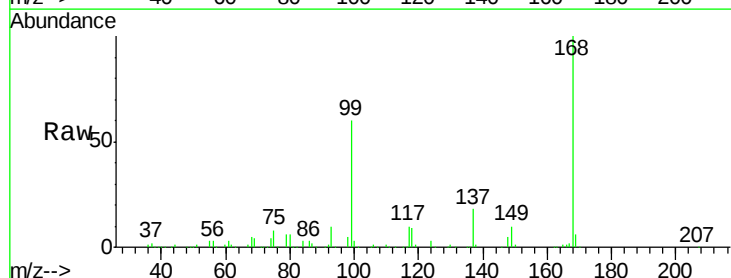
Instrument :
 MSVOA_W
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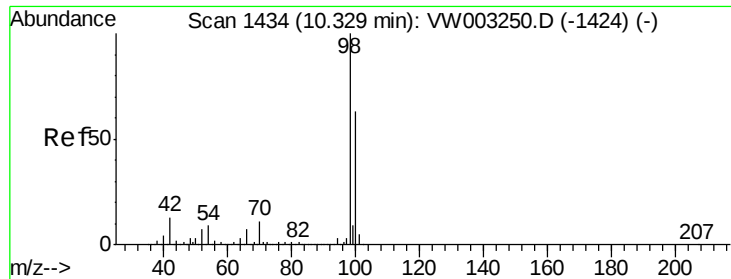
Tot Ion: 75 Resp: 14178
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.47 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003610.D
 Acq: 27 Jun 2018 13:48

Tgt Ion: 117 Resp: 17302
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.6 115.0#
 121 0.0 23.9 35.9#

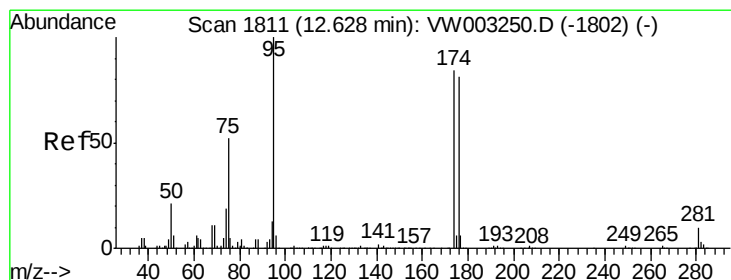
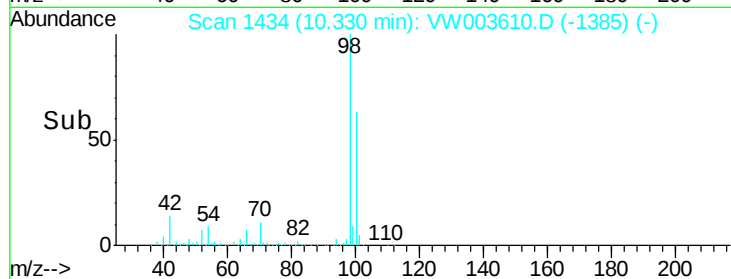
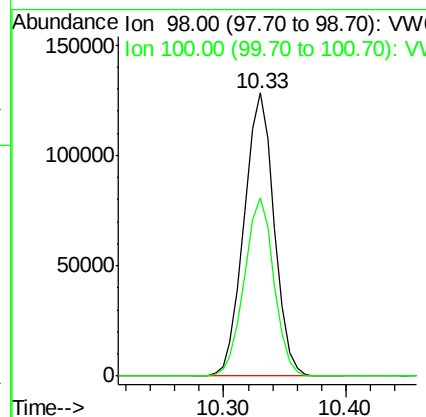
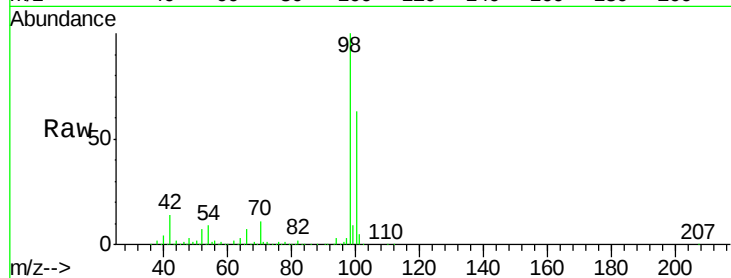




#50
Toluene-d8
Concen: 31.49 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

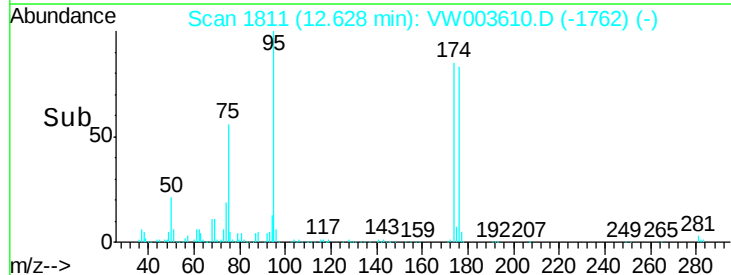
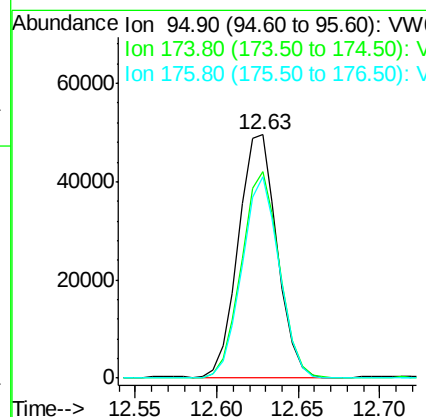
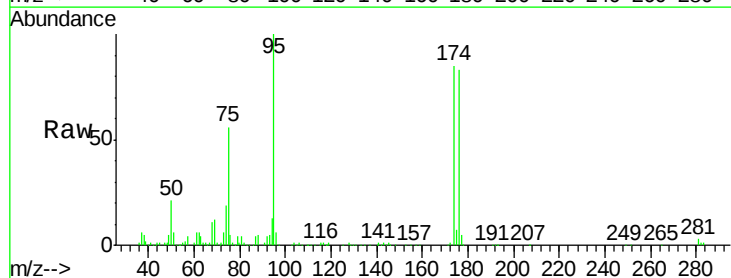
Instrument :
MSVOA_W
ClientSampled :

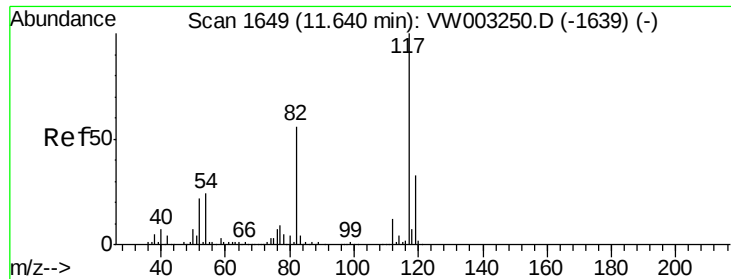
Tot Ion: 98 Resp: 218831
Ion Ratio Lower Upper
98 100
100 62.1 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 33.12 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

Tgt Ion: 95 Resp: 81452
Ion Ratio Lower Upper
95 100
174 83.4 0.0 166.4
176 80.0 0.0 162.0

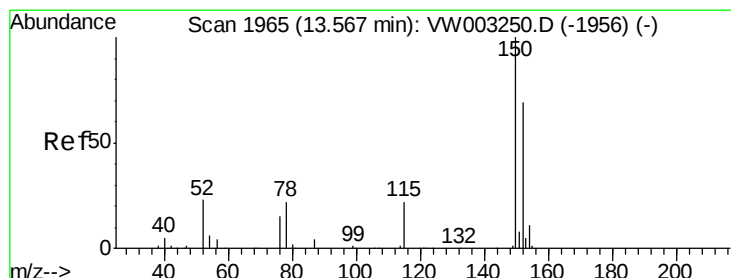
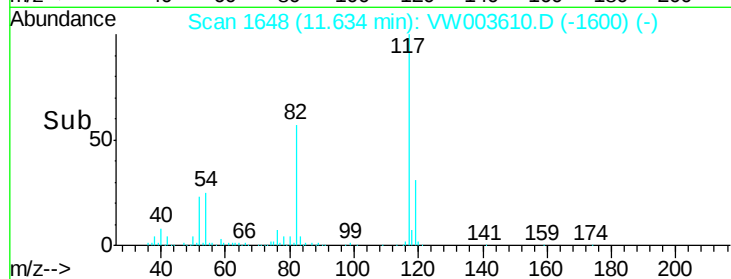
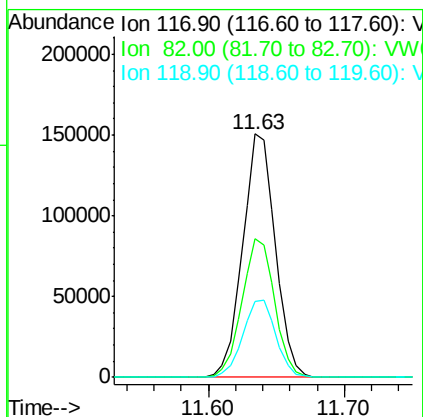
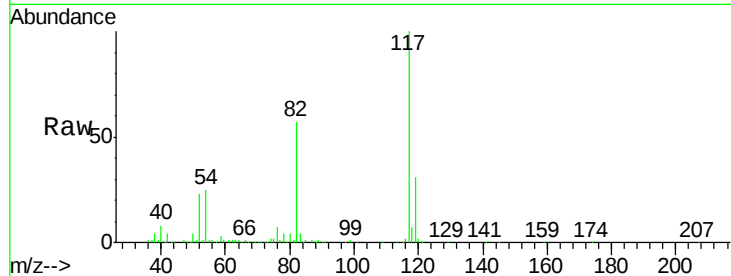




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

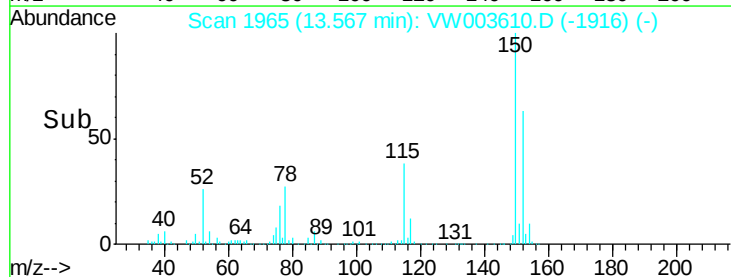
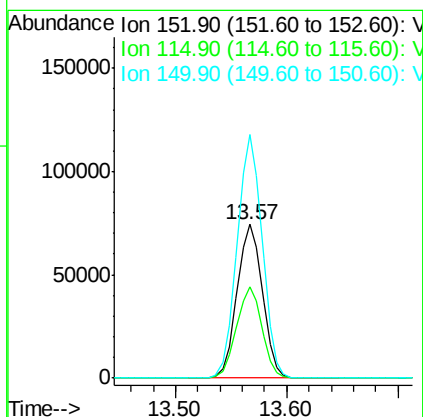
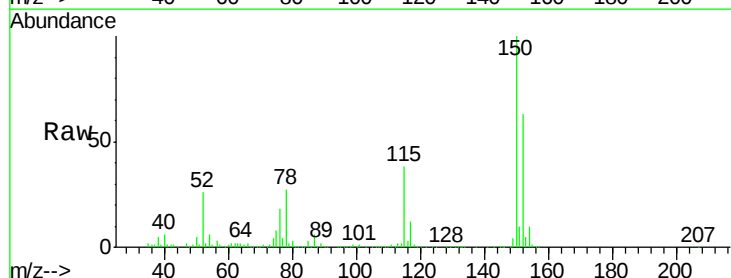
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MSVOA_W
ClientSampleId :

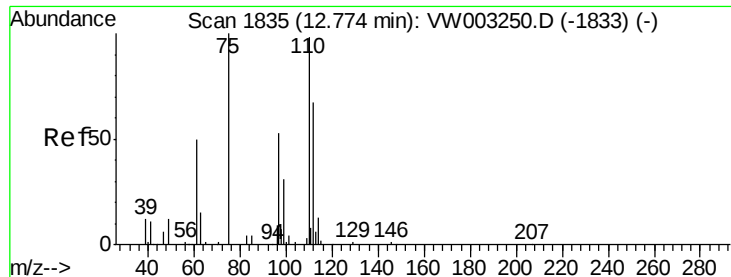
Tot Ion:117 Resp: 252703
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 31.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

Tgt Ion:152 Resp: 117331
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 156.4 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 45.27 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003610.D

Acq: 27 Jun 2018 13:48

Instrument :

MSVOA_W

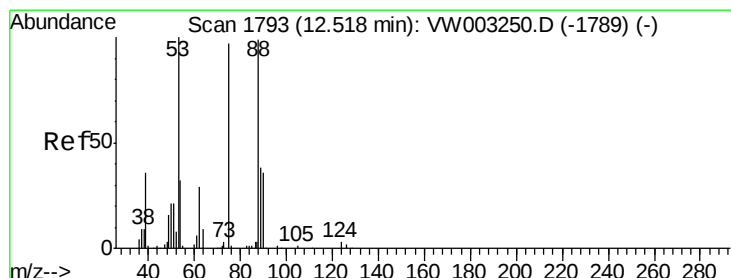
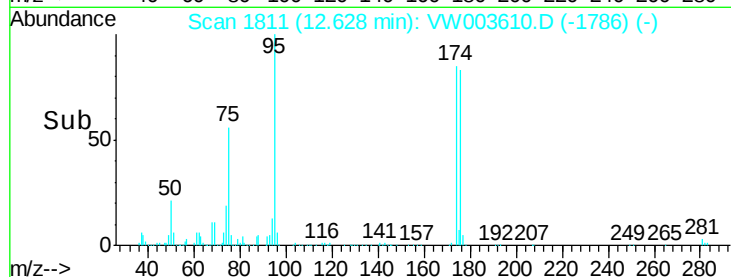
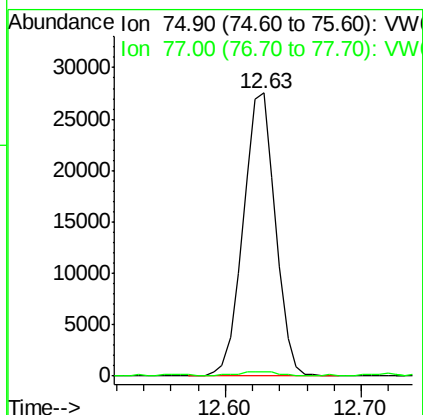
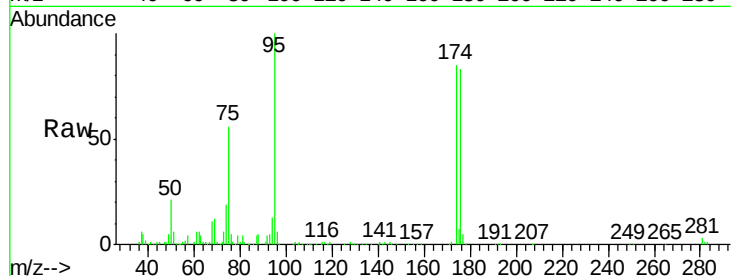
ClientSampled :

Tot Ion: 75 Resp: 45408

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.17 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003610.D

Acq: 27 Jun 2018 13:48

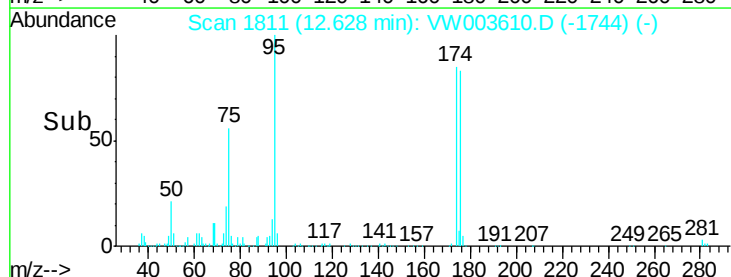
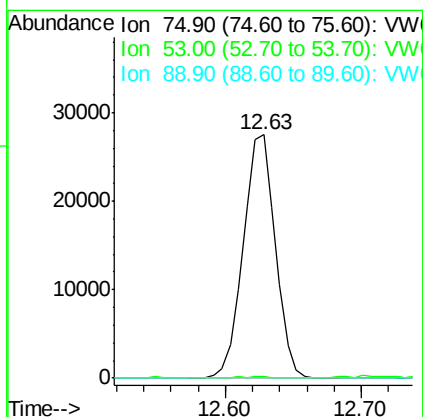
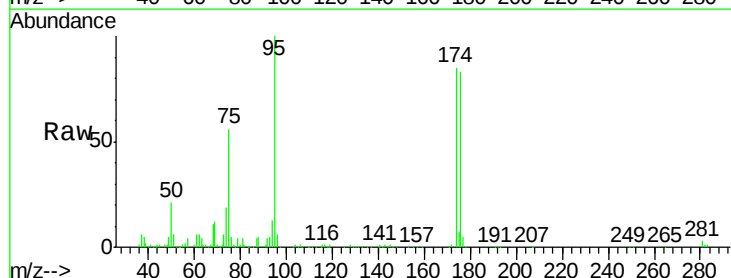
Tgt Ion: 75 Resp: 45408

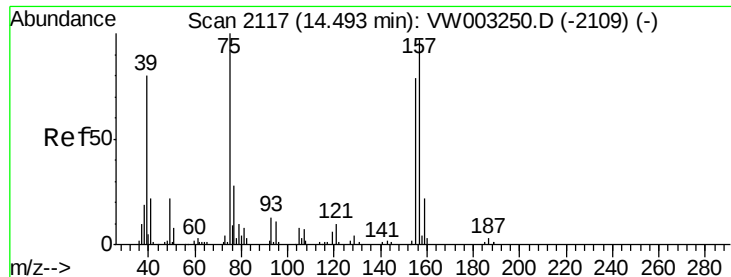
Ion Ratio Lower Upper

75 100

53 0.7 82.9 124.3#

89 0.0 36.7 55.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.34 ug/l

RT: 14.51 min Scan# 2120

Delta R.T. 0.02 min

Lab File: VW003610.D

Acq: 27 Jun 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 312

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.2#

157 0.0 51.5 154.5#

