

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003675.D
 Acq On : 29 Jun 2018 21:35
 Operator : SY/AP
 Sample : J3774-06RE
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:43:50 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	113994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	191265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85846	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	101543	82.24	ug/l	0.00
Spiked Amount			Recovery	=	164.48%	
35) Dibromofluoromethane	7.88	113	83397	70.17	ug/l	0.00
Spiked Amount			Recovery	=	140.34%	
50) Toluene-d8	10.33	98	260034	55.18	ug/l	0.00
Spiked Amount			Recovery	=	110.36%	
62) 4-Bromofluorobenzene	12.62	95	91077	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	

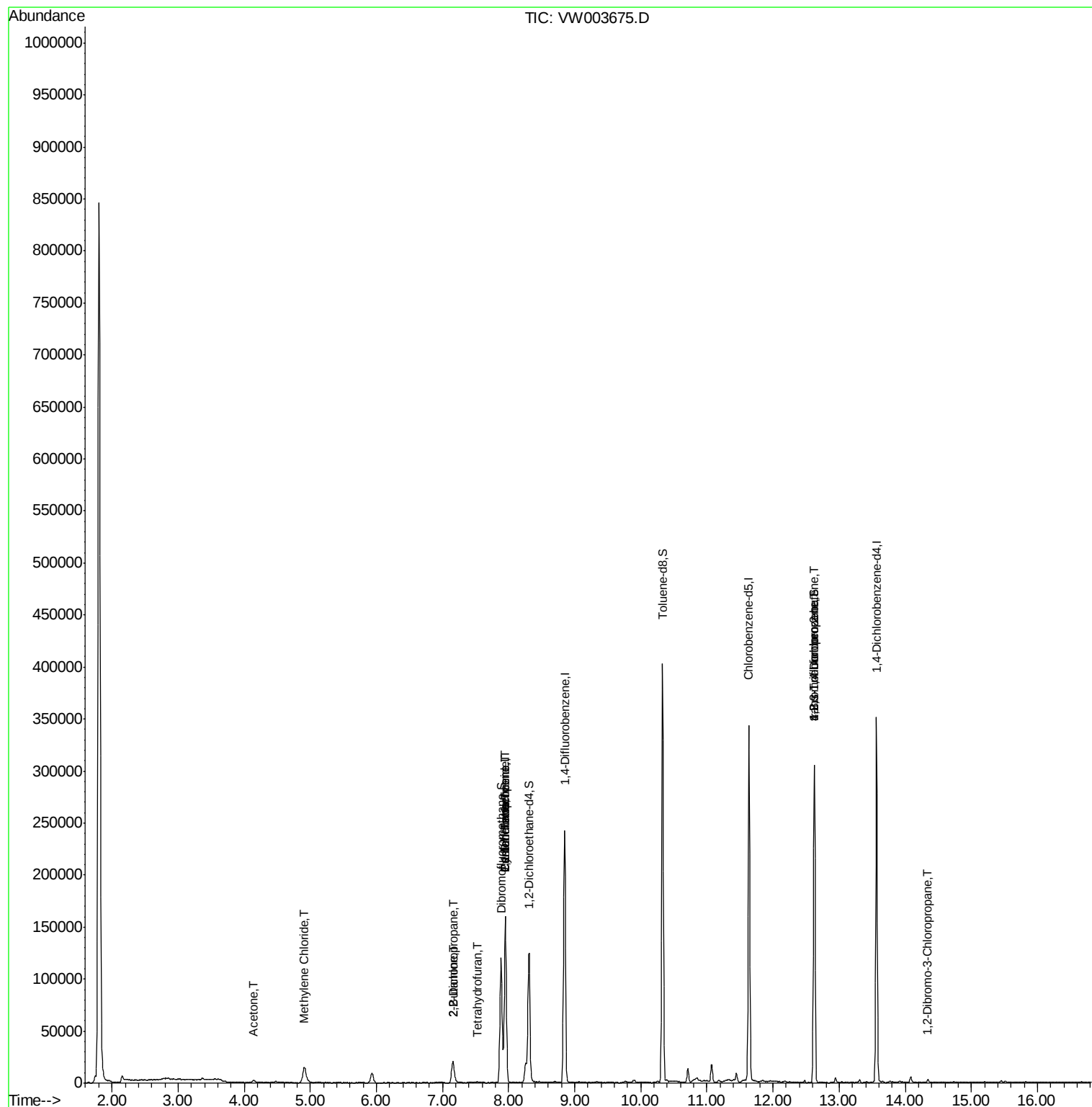
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	4005	15.466	ug/l	94
20) Methylene Chloride	4.92	84	12619	8.419	ug/l	92
25) 2-Butanone	7.16	43	1563	4.854	ug/l #	50
26) 2,2-Dichloropropane	7.15	77	1549	1.087	ug/l #	53
29) Tetrahydrofuran	7.53	42	325	1.651	ug/l #	51
31) Cyclohexane	7.95	56	2972	1.490	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	9637	5.217	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11585	6.394	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	48985	66.748	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	48985	153.590	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.35	75	189	1.112	ug/l #	4

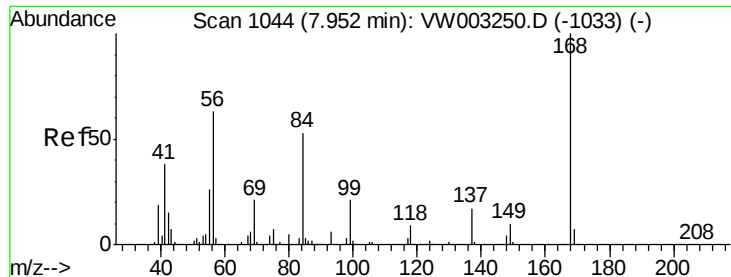
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 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: VW003675.D

Acq: 29 Jun 2018 21:35

Instrument :

MSVOA_W

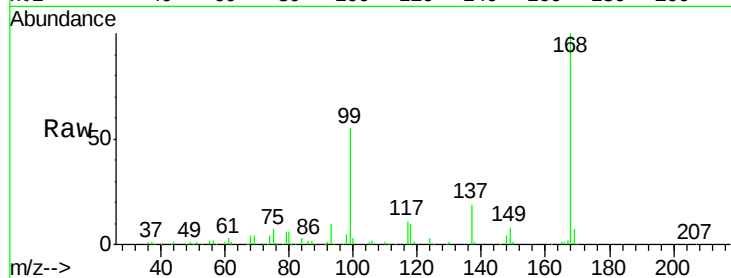
ClientSampled :

Tot Ion:168 Resp: 113994

Ion Ratio Lower Upper

168 100

99 55.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

20000

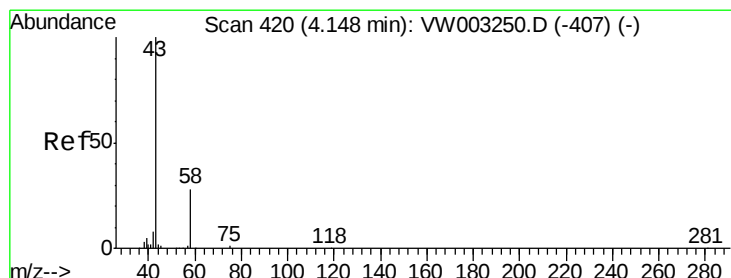
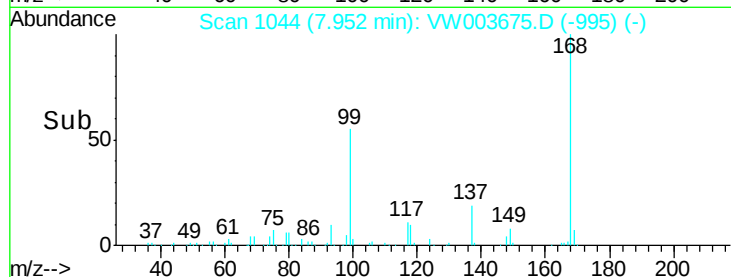
10000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 15.466 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003675.D

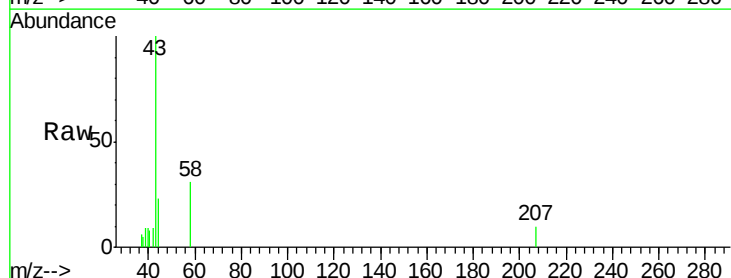
Acq: 29 Jun 2018 21:35

Tgt Ion: 43 Resp: 4005

Ion Ratio Lower Upper

43 100

58 31.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1000

500

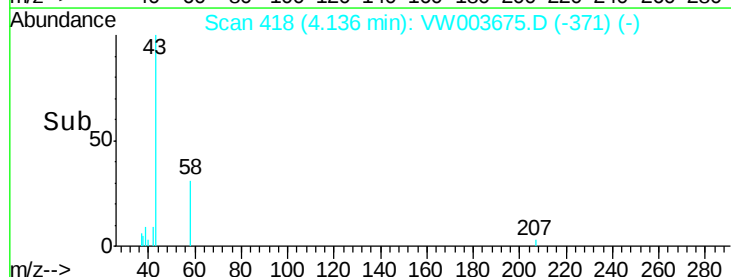
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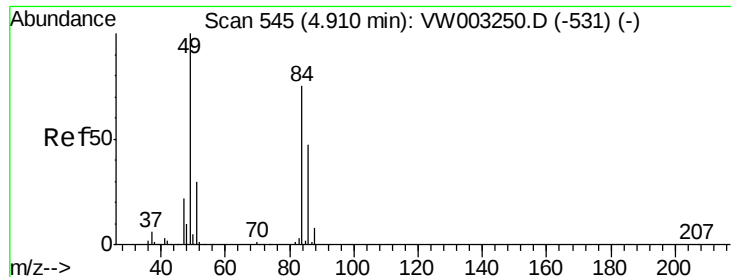
Time-->

4.00

4.10

4.20

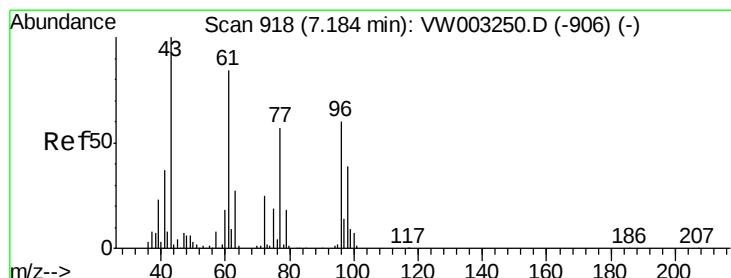
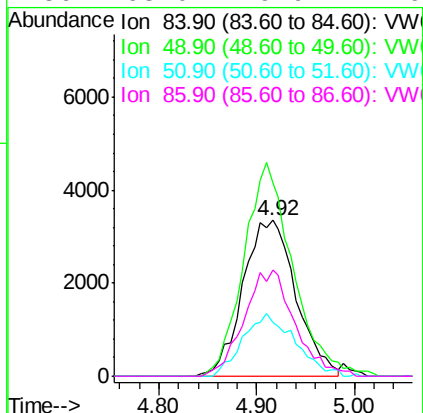
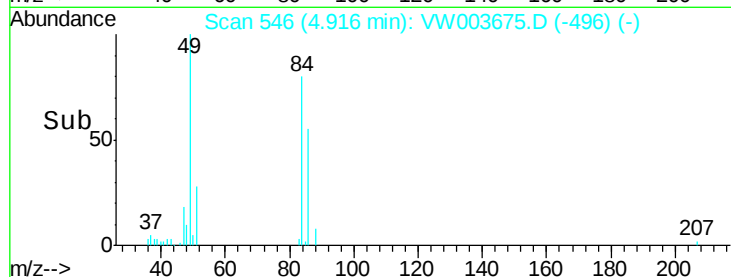
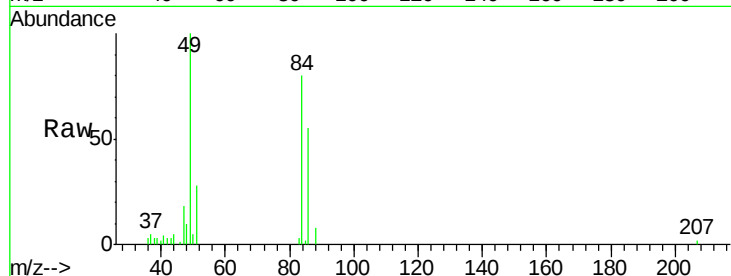




#20
Methvlene Chloride
Concen: 8.419 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003675.D
Acq: 29 Jun 2018 21:35

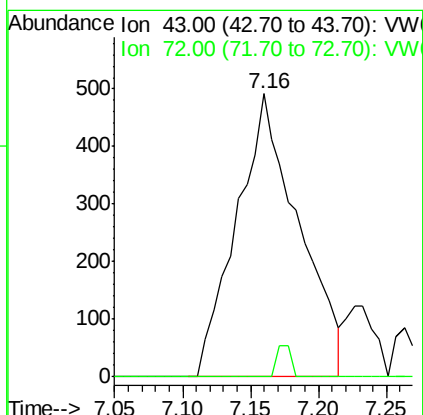
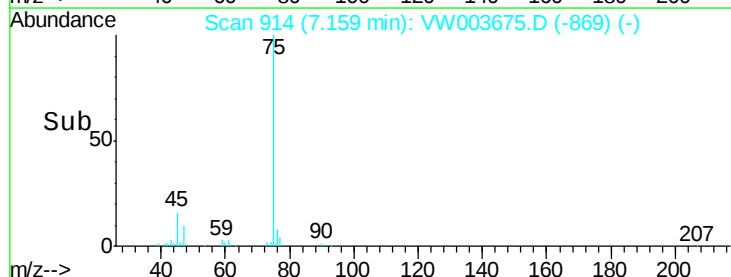
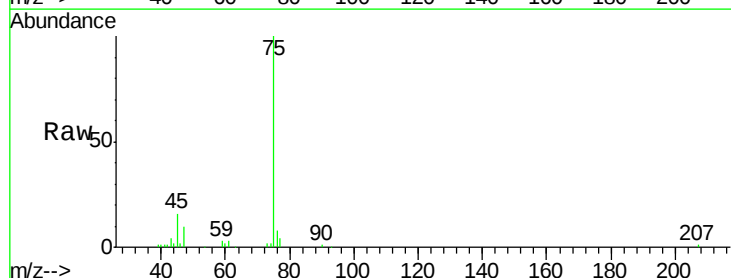
Instrument :
MSVOA_W
ClientSampleId :

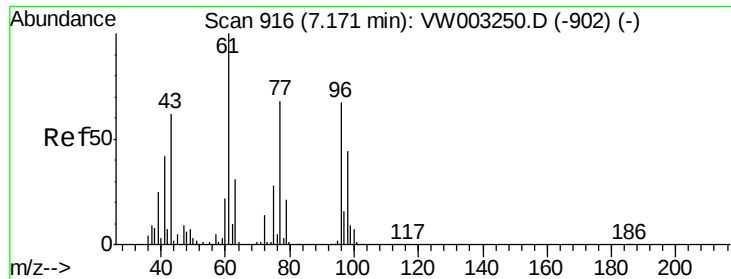
Tot Ion	84	Resp	12619
Ion	Ratio	Lower	Upper
84	100		
49	124.3	106.3	159.5
51	34.3	32.0	48.0
86	68.0	49.9	74.9



#25
2-Butanone
Concen: 4.854 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW003675.D
Acq: 29 Jun 2018 21:35

Tgt Ion	43	Resp	1563
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5#





#26

2,2-Dichloropropane

Concen: 1.087 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW003675.D

Acq: 29 Jun 2018 21:35

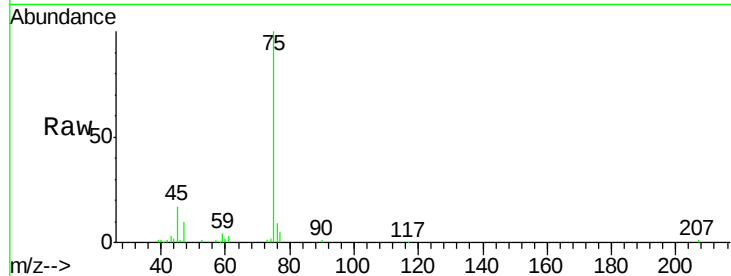
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 77 Resp: 1549

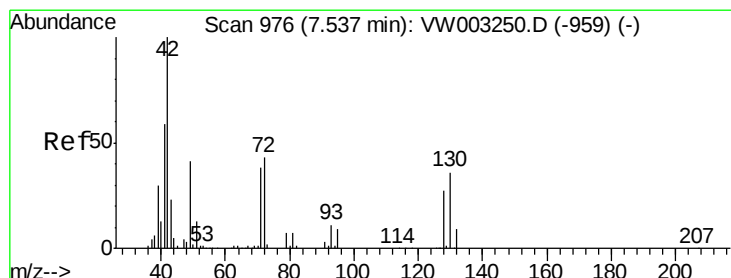
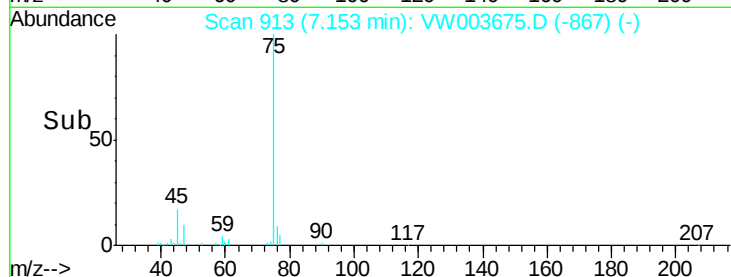
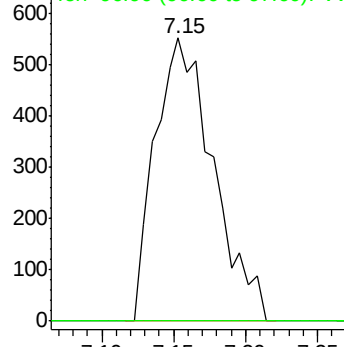
Ion Ratio Lower Upper

77 100

97 0.0 11.3 33.9#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



#29

Tetrahydrofuran

Concen: 1.651 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.01 min

Lab File: VW003675.D

Acq: 29 Jun 2018 21:35

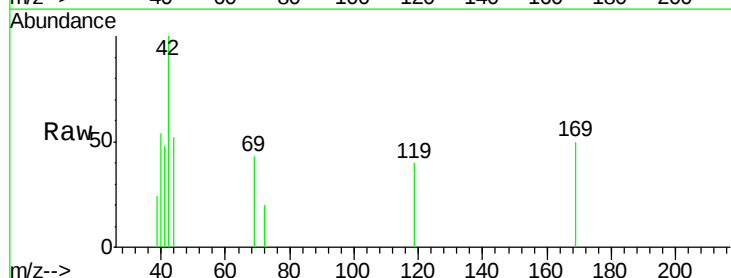
Tgt Ion: 42 Resp: 325

Ion Ratio Lower Upper

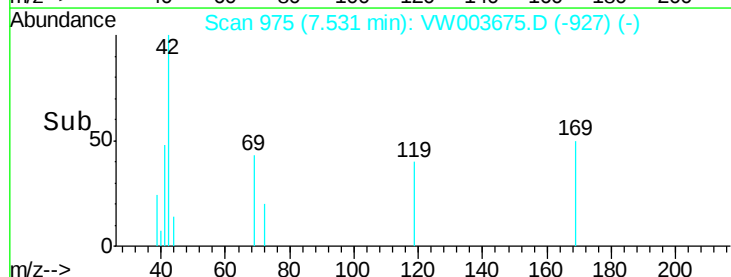
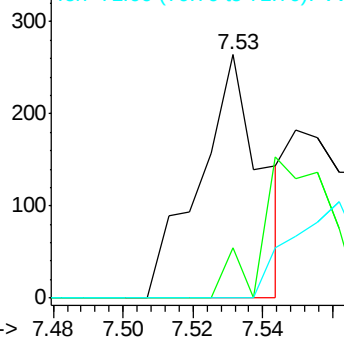
42 100

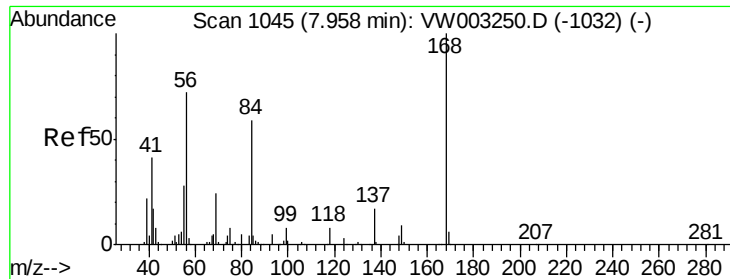
72 61.8 32.4 48.6#

71 0.0 31.2 46.8#



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

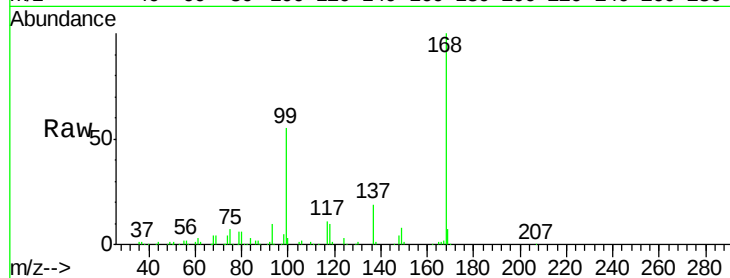




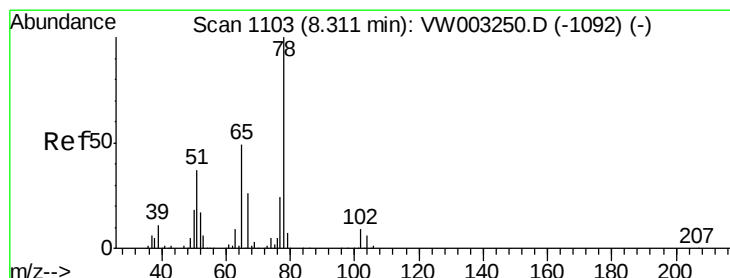
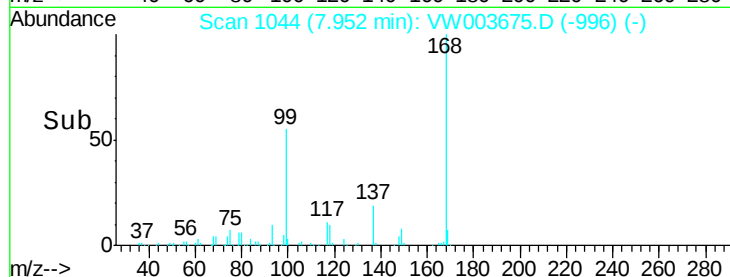
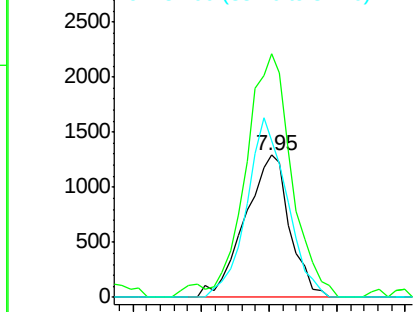
#31
Cyclohexane
Concen: 1.490 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003675.D
Acq: 29 Jun 2018 21:35

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2972
Ion Ratio Lower Upper
56 100
69 171.3 26.3 39.5#
84 110.4 65.7 98.5#

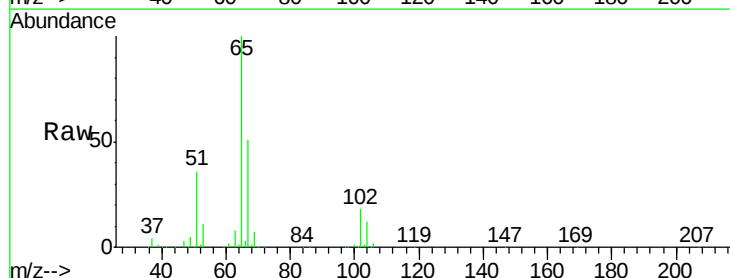


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

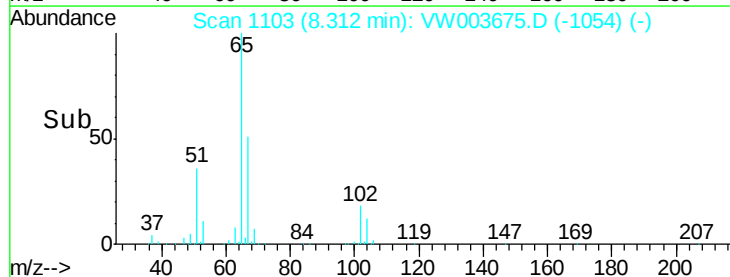
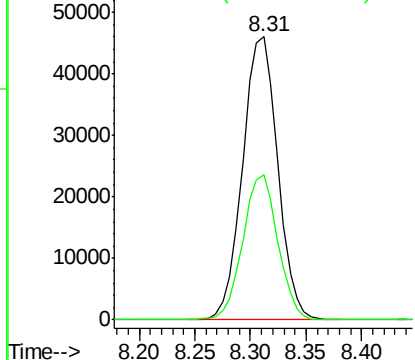


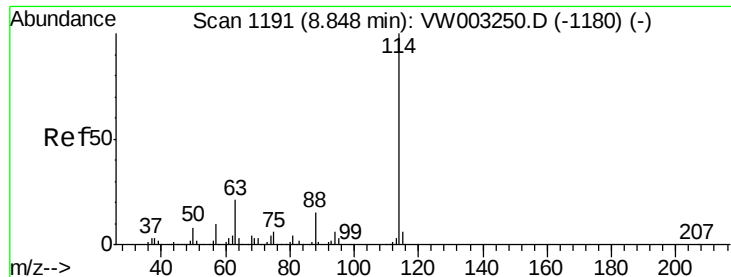
#33
1,2-Dichloroethane-d4
Concen: 82.239 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003675.D
Acq: 29 Jun 2018 21:35

Tgt Ion: 65 Resp: 101543
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.2



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

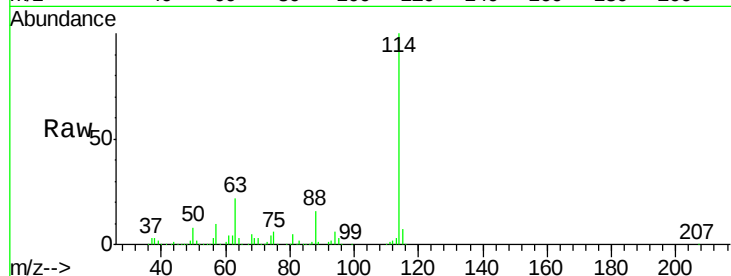




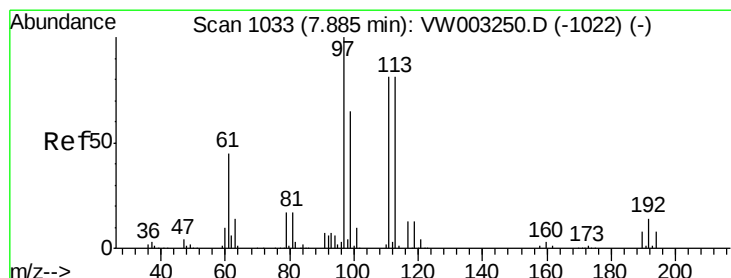
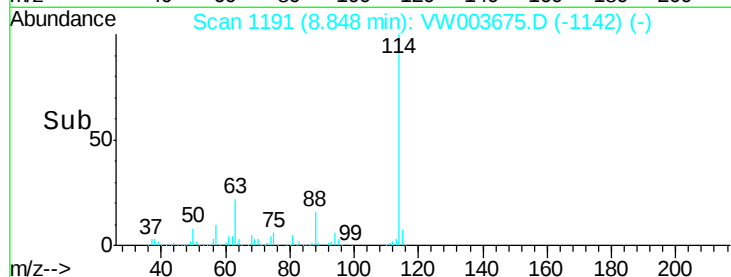
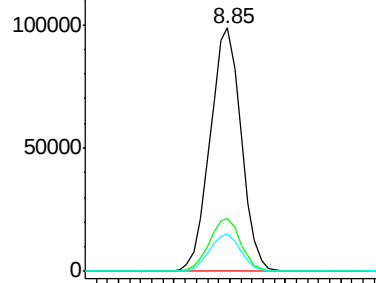
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003675.D
 Acq: 29 Jun 2018 21:35

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	15.6	0.0	29.6

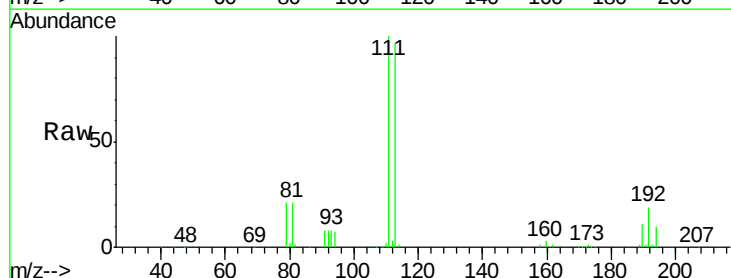


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

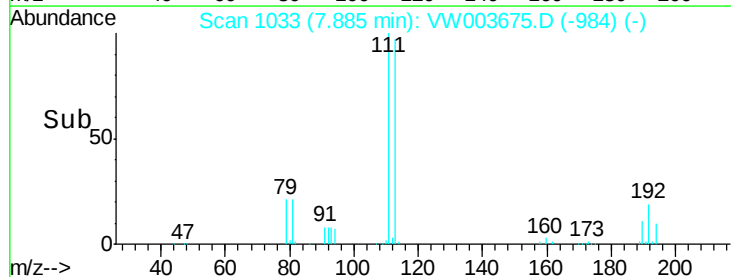
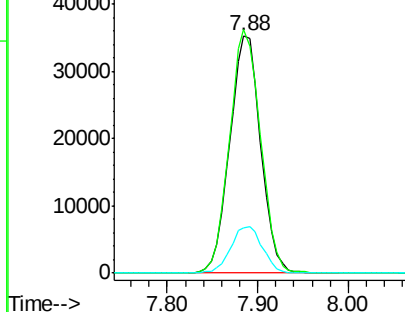


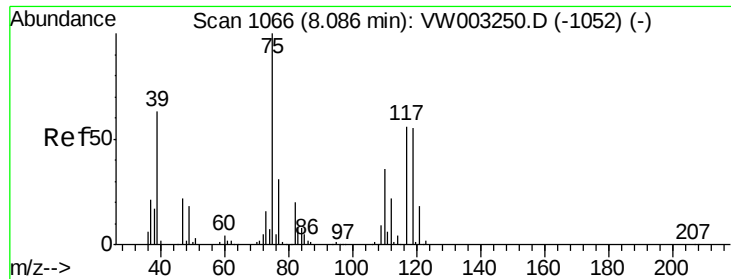
#35
 Dibromofluoromethane
 Concen: 70.172 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003675.D
 Acq: 29 Jun 2018 21:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	20.1	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: 5.217 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.14 min

Lab File: VW003675.D

Acq: 29 Jun 2018 21:35

Instrument :
MSVOA_W
ClientSampled :

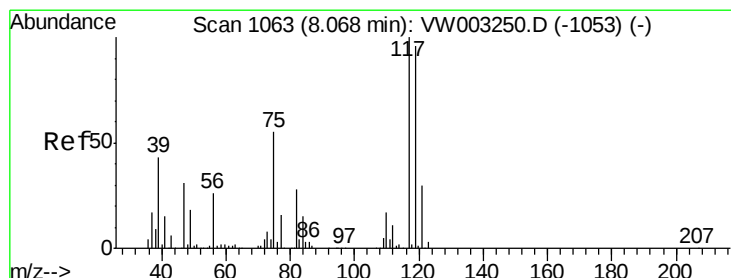
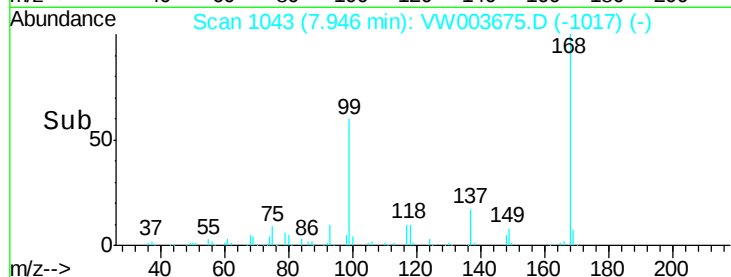
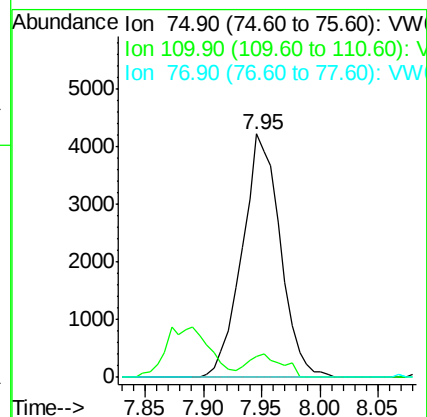
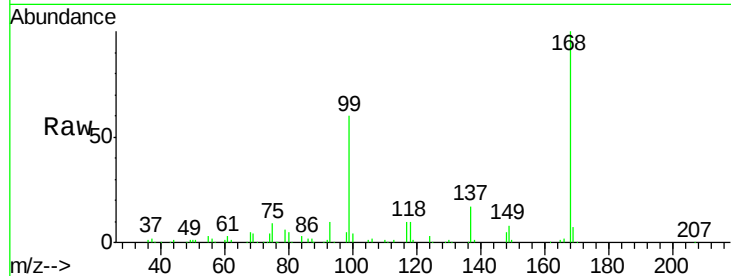
Tot Ion: 75 Resp: 9637

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.394 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003675.D

Acq: 29 Jun 2018 21:35

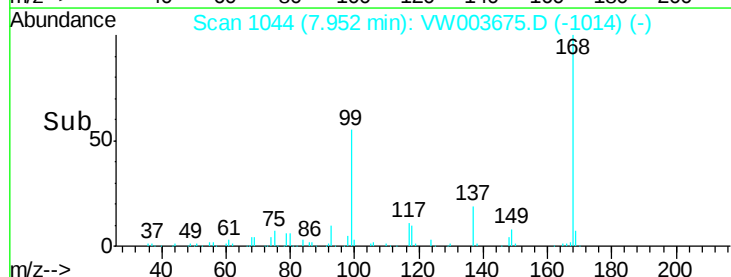
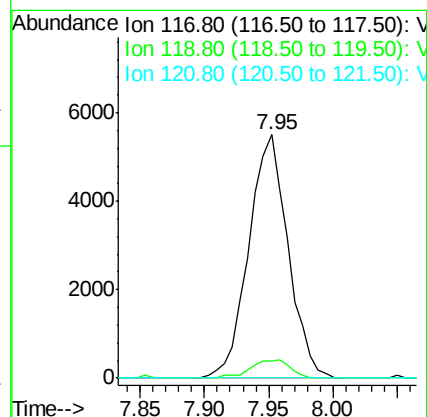
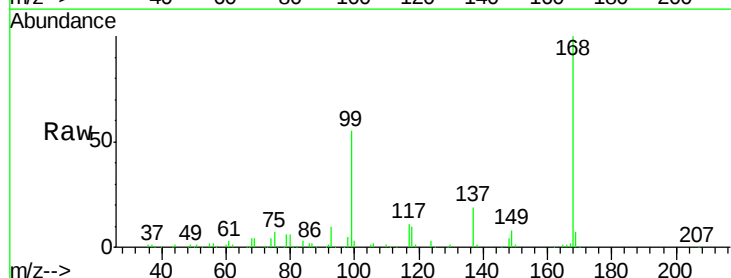
Tgt Ion: 117 Resp: 11585

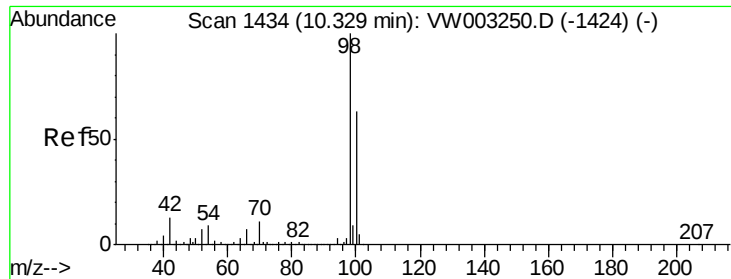
Ion Ratio Lower Upper

117 100

119 7.0 76.6 115.0#

121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 55.179 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003675.D

Acq: 29 Jun 2018 21:35

Instrument :

MSVOA_W

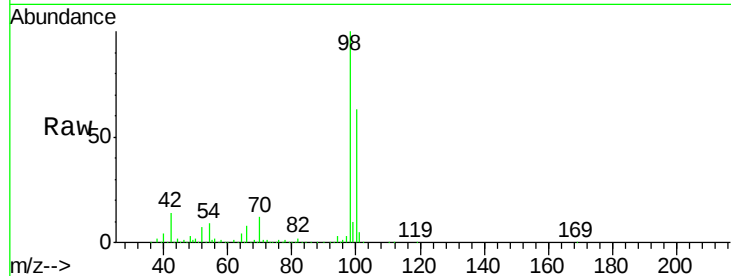
ClientSampleId :

Tot Ion: 98 Resp: 260034

Ion Ratio Lower Upper

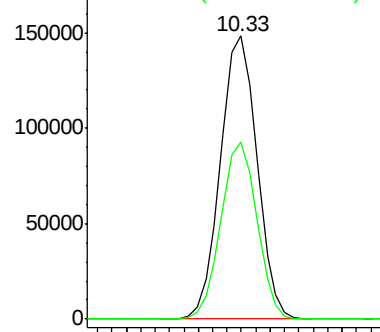
98 100

100 61.8 50.8 76.2

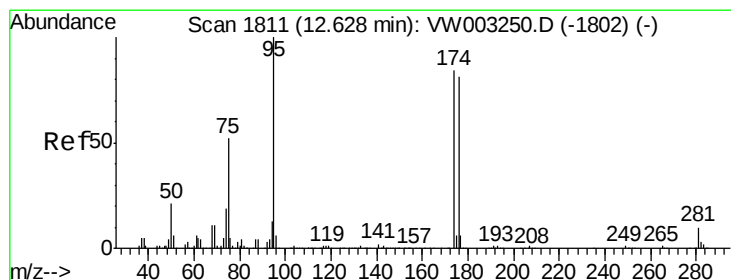
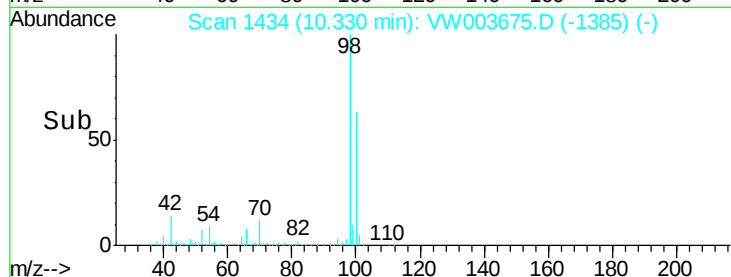


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 54.612 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003675.D

Acq: 29 Jun 2018 21:35

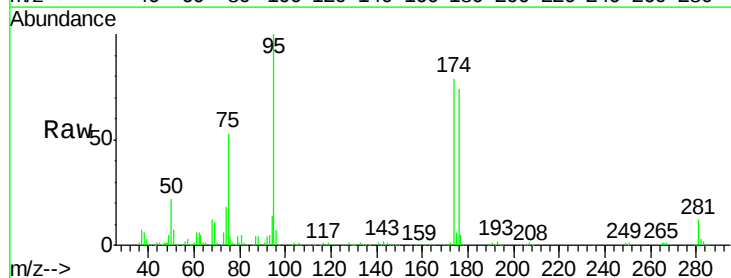
Tgt Ion: 95 Resp: 91077

Ion Ratio Lower Upper

95 100

174 84.1 0.0 166.4

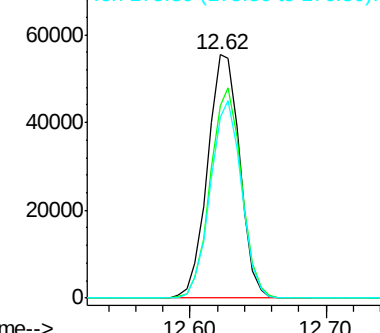
176 78.9 0.0 162.0



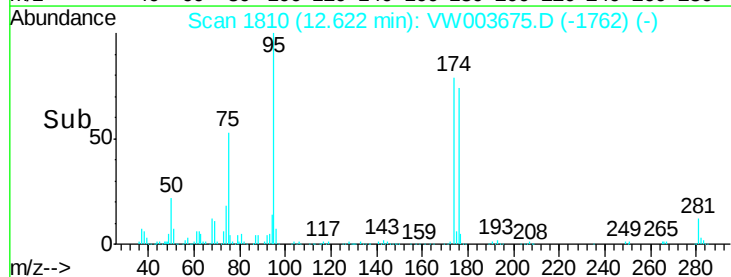
Abundance Ion 94.90 (94.60 to 95.60): VW

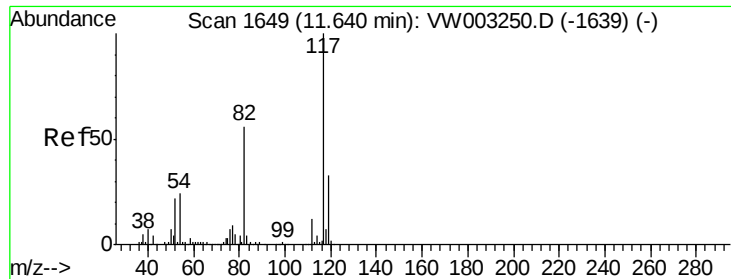
Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



Time-->

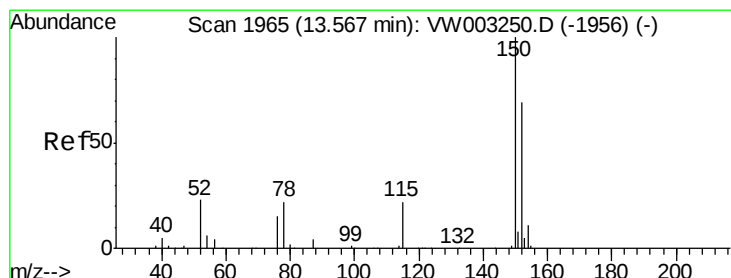
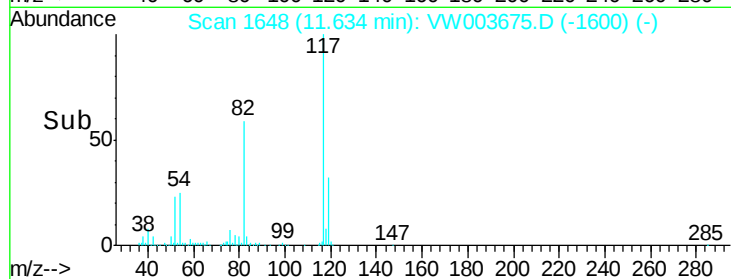
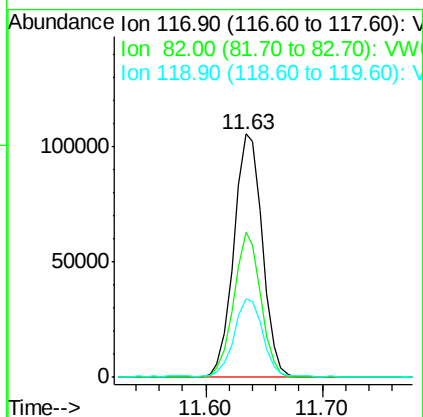
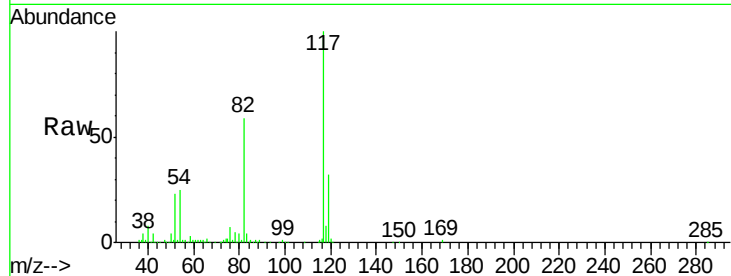




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003675.D
Acq: 29 Jun 2018 21:35

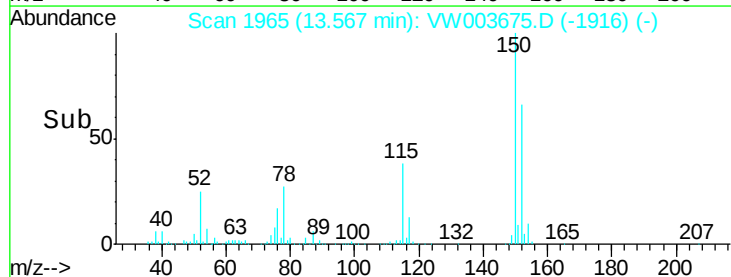
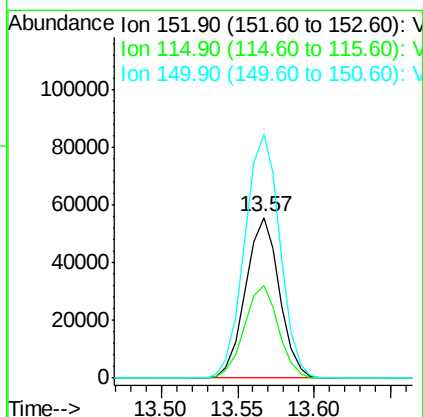
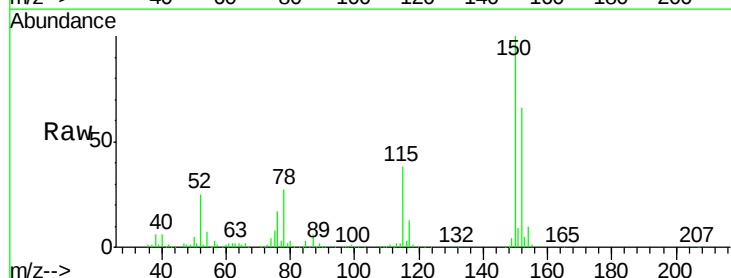
Instrument :
MSVOA_W
ClientSampleId :

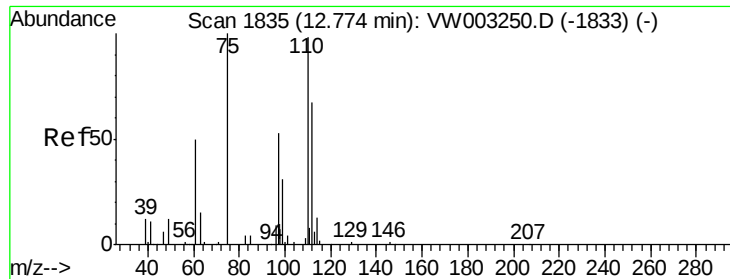
Tot Ion:117 Resp: 179838
Ion Ratio Lower Upper
117 100
82 59.4 44.6 67.0
119 31.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003675.D
Acq: 29 Jun 2018 21:35

Tgt Ion:152 Resp: 85846
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 158.1 0.0 349.6

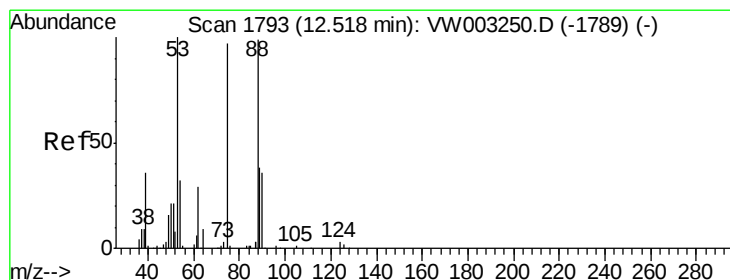
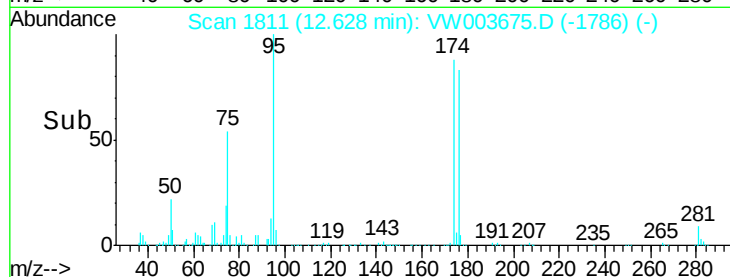
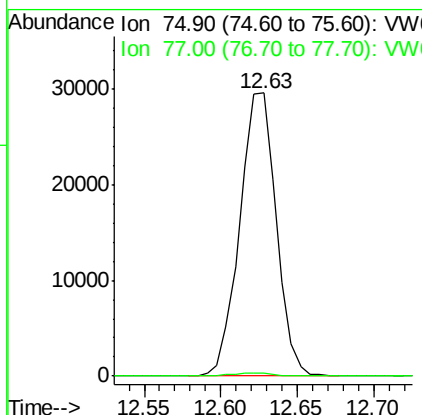
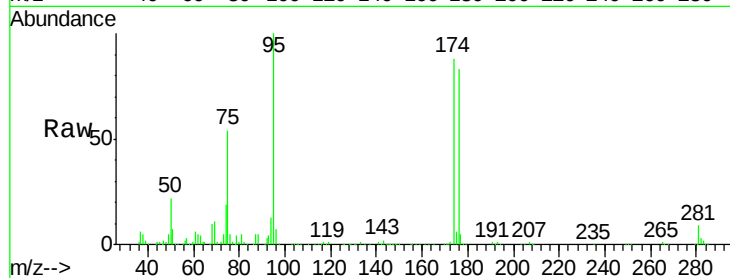




#76
 1,2,3-Trichloropropane
 Concen: 66.748 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW003675.D
 Acq: 29 Jun 2018 21:35

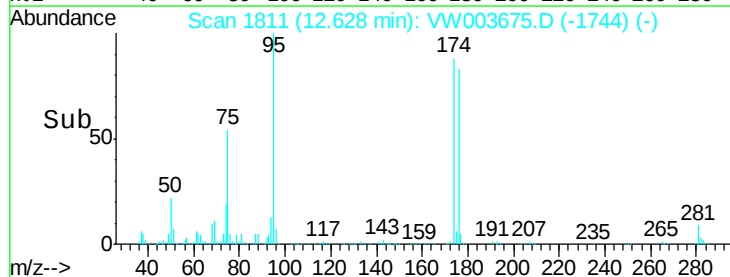
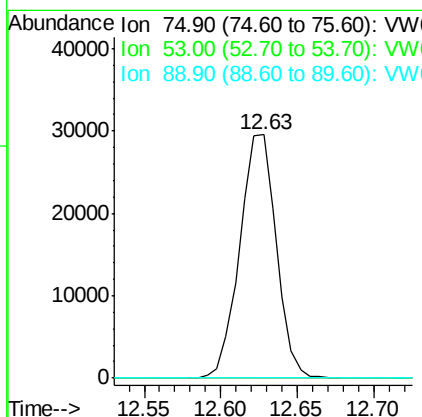
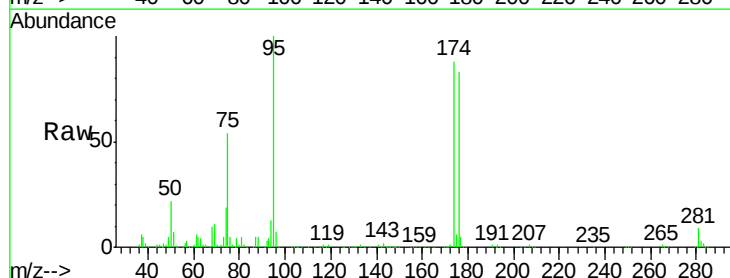
Instrument :
 MSVOA_W
 ClientSampleId :

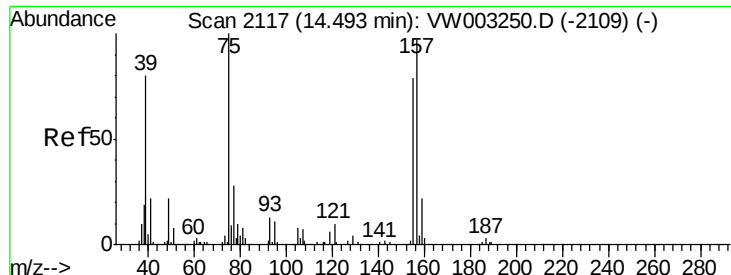
Tot Ion: 75 Resp: 48985
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.590 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW003675.D
 Acq: 29 Jun 2018 21:35

Tgt Ion: 75 Resp: 48985
 Ion Ratio Lower Upper
 75 100
 53 0.4 82.9 124.3#
 89 0.0 36.7 55.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.112 ug/l

RT: 14.35 min Scan# 2093

Delta R.T. -0.15 min

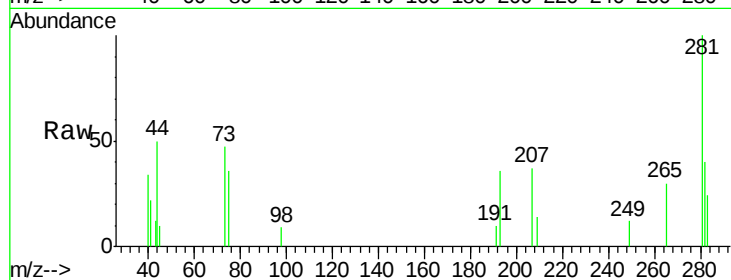
Lab File: VW003675.D

Acq: 29 Jun 2018 21:35

Instrument :

MSVOA_W

ClientSampleId :



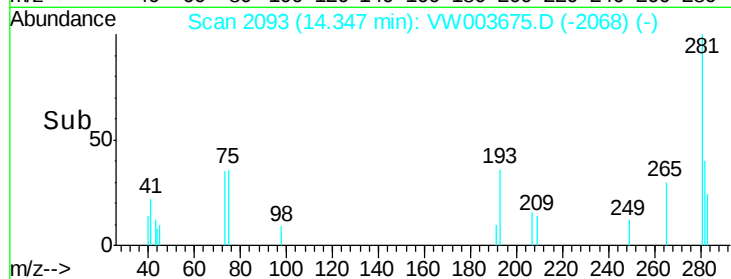
Tot Ion: 75 Resp: 189

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.2#

157 0.0 51.5 154.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

