

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003600.D
 Acq On : 27 Jun 2018 05:41
 Operator : SY/AP
 Sample : J3629-01
 Misc : 6.54G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C2-01

Quant Time: Jun 27 07:58:39 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	62245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	107554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35692	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	7.88	113	30357	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
50) Toluene-d8	10.33	98	84871	32.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.06%	
62) 4-Bromofluorobenzene	12.63	95	28431	30.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.64%	

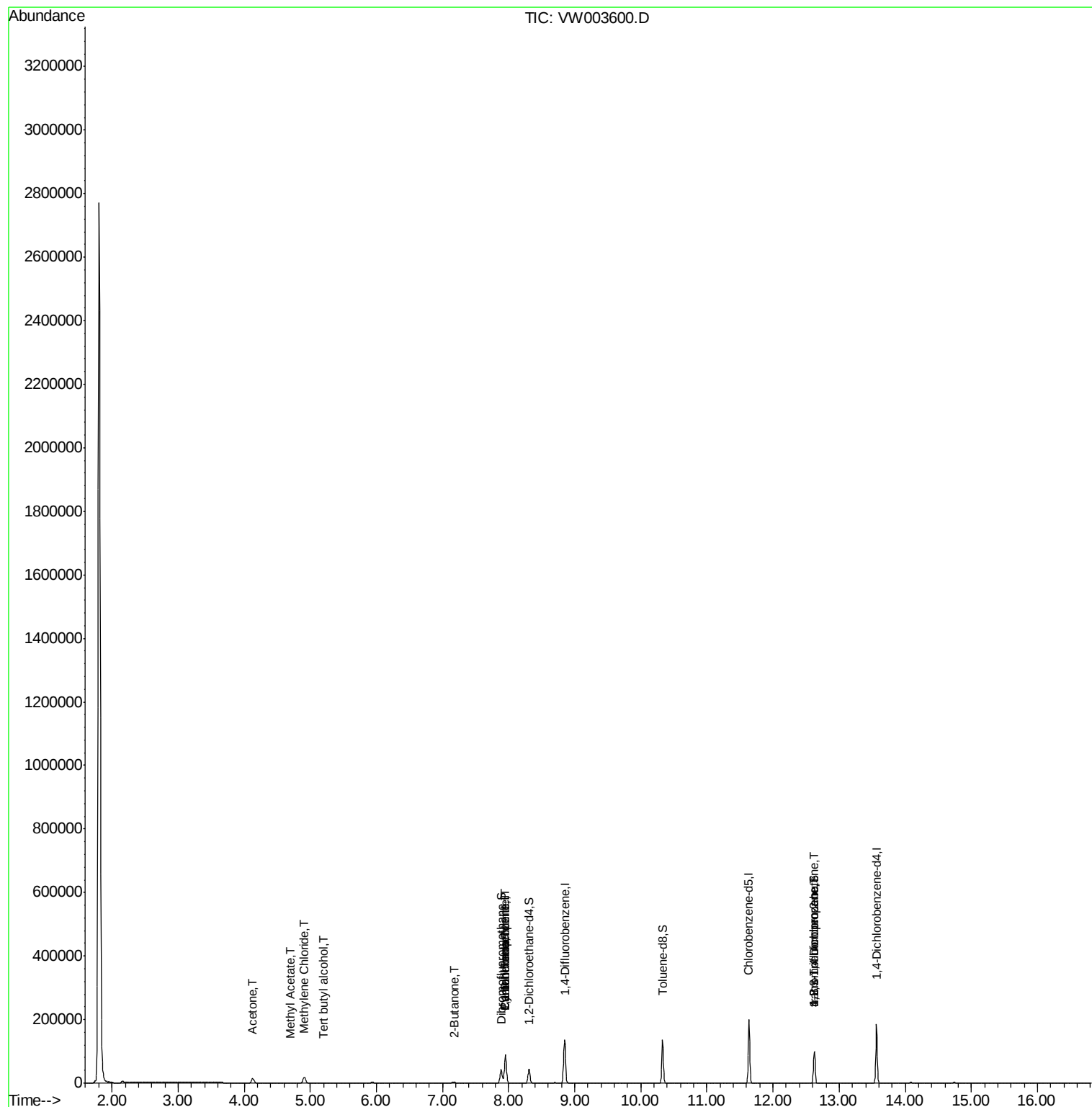
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	146	4.038	ug/l #	84
16) Acetone	4.12	43	22917	162.070	ug/l	98
18) Methyl Acetate	4.69	43	367	1.094	ug/l #	52
20) Methylene Chloride	4.91	84	12470	18.444	ug/l	95
25) 2-Butanone	7.18	43	2470	14.048	ug/l	93
31) Cyclohexane	7.95	56	1717	1.576	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5419	5.217	ug/l #	51
38) Carbon Tetrachloride	7.95	117	6260	6.144	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	15967	40.866	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	15967	94.035	ug/l #	8

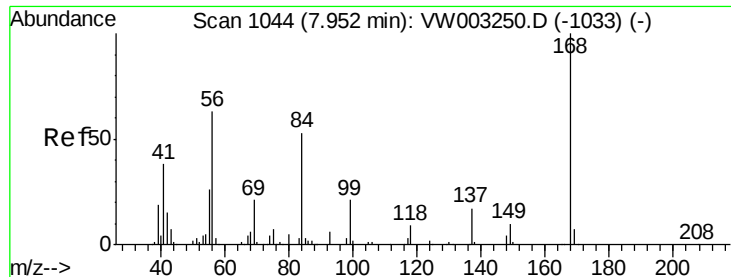
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003600.D

Acq: 27 Jun 2018 05:41

Instrument :

MSVOA_W

ClientSampled :

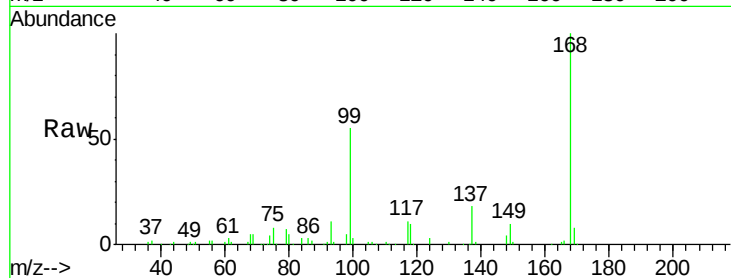
A0C2-01

Tgt Ion:168 Resp: 62245

Ion Ratio Lower Upper

168 100

99 54.7 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

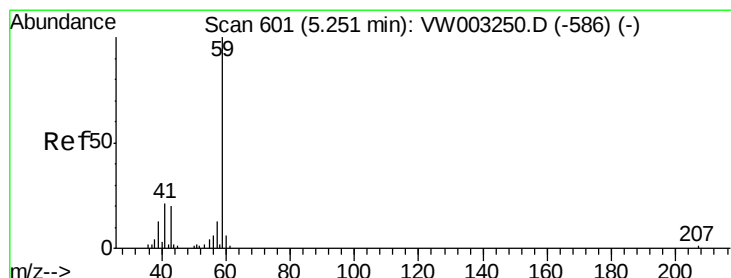
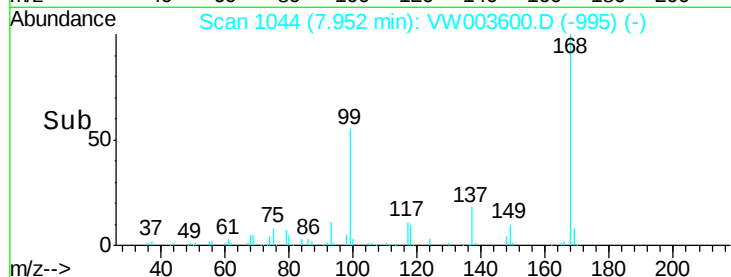
30000

20000

10000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 4.038 ug/l

RT: 5.20 min Scan# 592

Delta R.T. -0.05 min

Lab File: VW003600.D

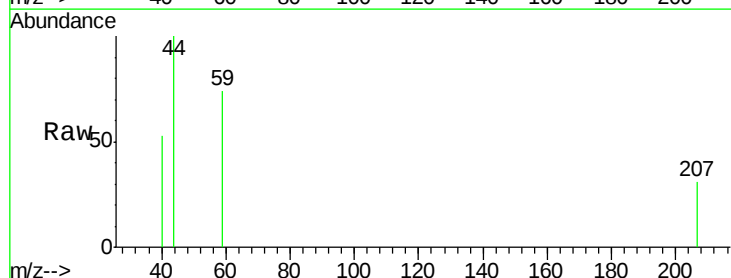
Acq: 27 Jun 2018 05:41

Tgt Ion: 59 Resp: 146

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

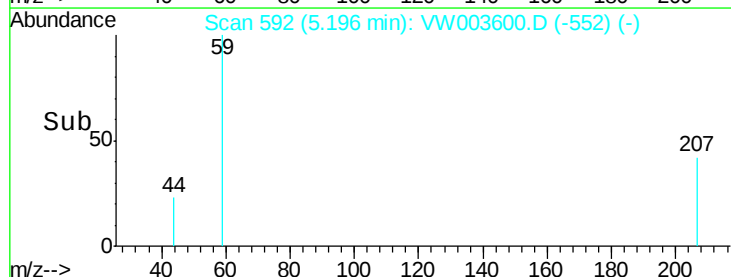
5.20

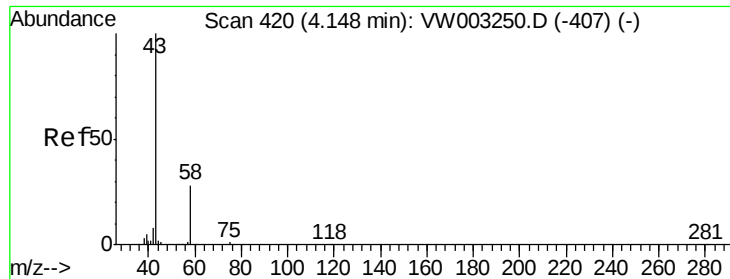
100

50

0

Time--> 5.16 5.18 5.20 5.22





#16

Acetone

Concen: 162.070 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.02 min

Lab File: VW003600.D

Acq: 27 Jun 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

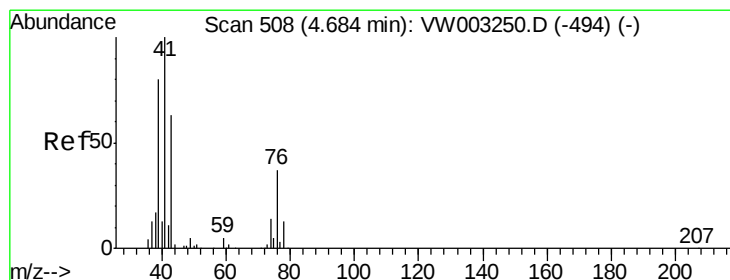
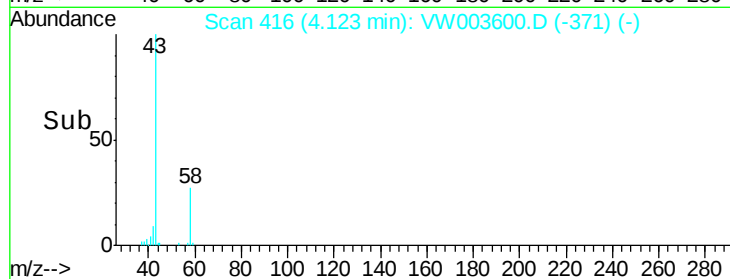
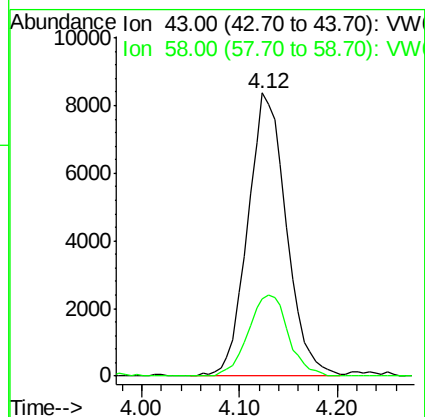
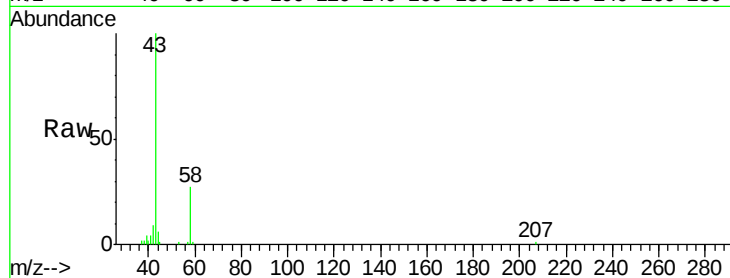
A0C2-01

Tgt Ion: 43 Resp: 22917

Ion Ratio Lower Upper

43 100

58 27.3 22.6 34.0



#18

Methyl Acetate

Concen: 1.094 ug/l

RT: 4.69 min Scan# 509

Delta R.T. 0.01 min

Lab File: VW003600.D

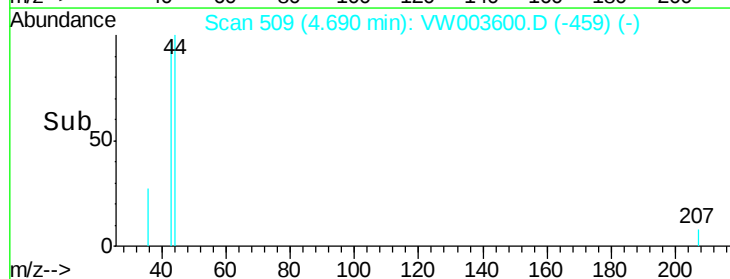
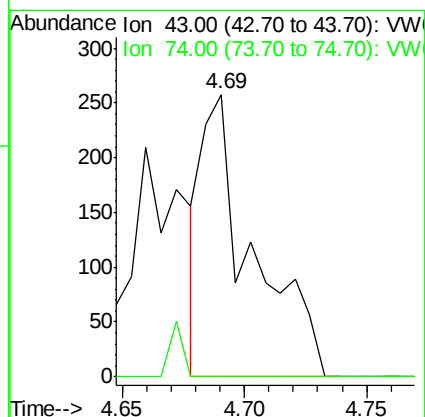
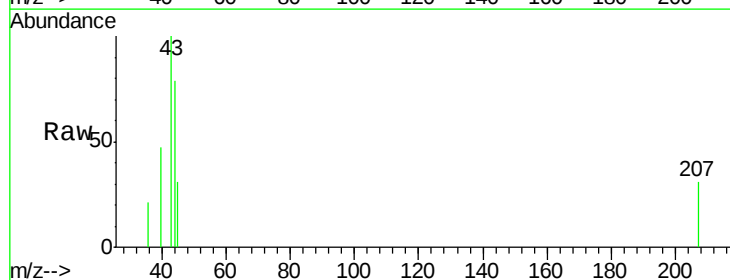
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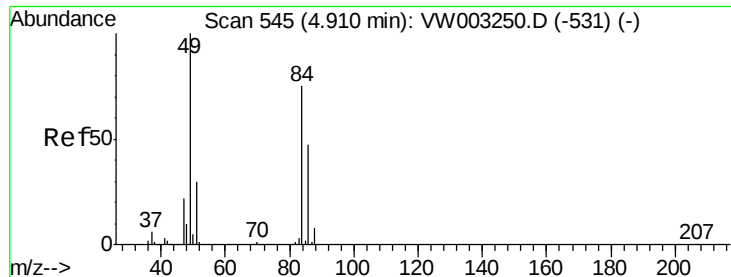
Tgt Ion: 43 Resp: 367

Ion Ratio Lower Upper

43 100

74 0.0 18.7 28.1#

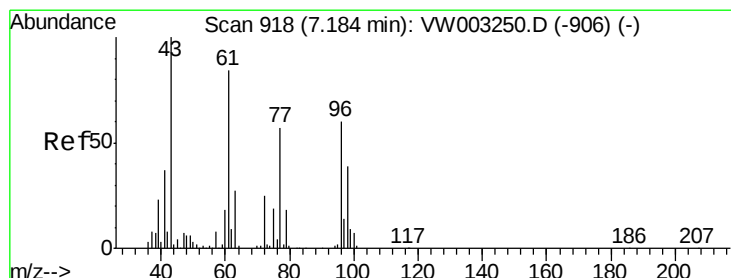
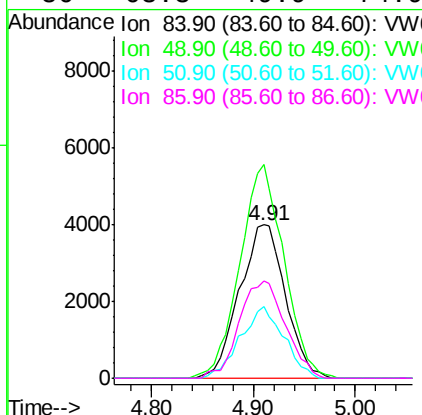
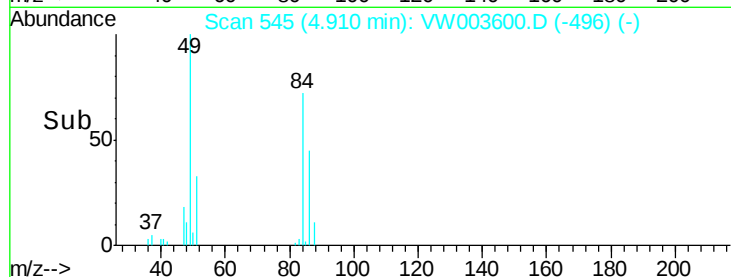
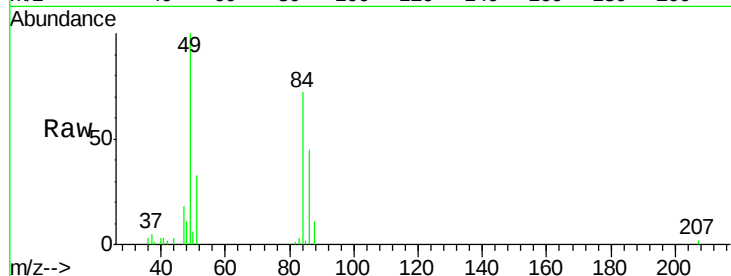




#20
Methylene Chloride
Concen: 18.444 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

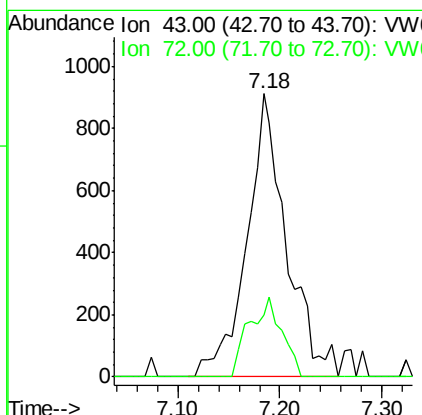
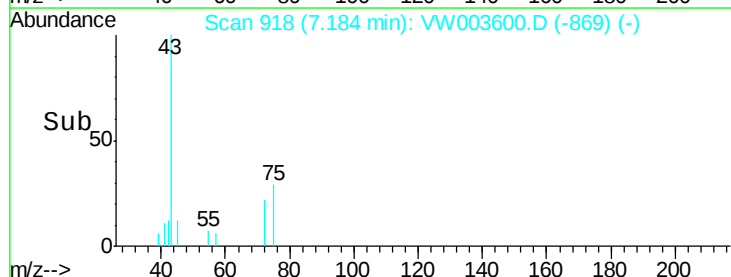
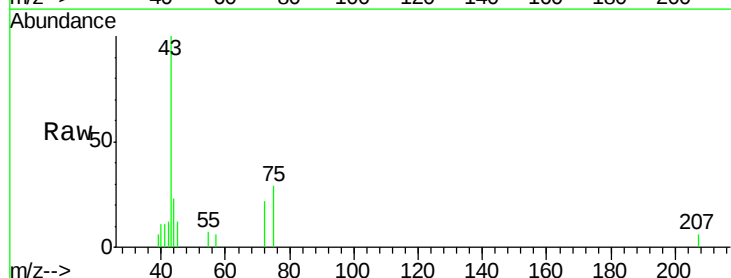
Instrument :
MSVOA_W
ClientSampleId :
A0C2-01

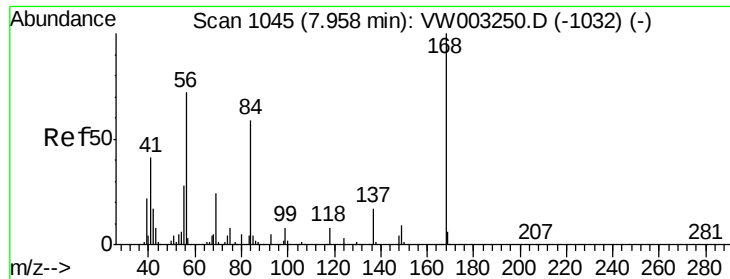
Tgt Ion: 84 Resp: 12470
Ion Ratio Lower Upper
84 100
49 139.6 106.3 159.5
51 46.5 32.0 48.0
86 63.3 49.9 74.9



#25
2-Butanone
Concen: 14.048 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

Tgt Ion: 43 Resp: 2470
Ion Ratio Lower Upper
43 100
72 22.0 20.3 30.5

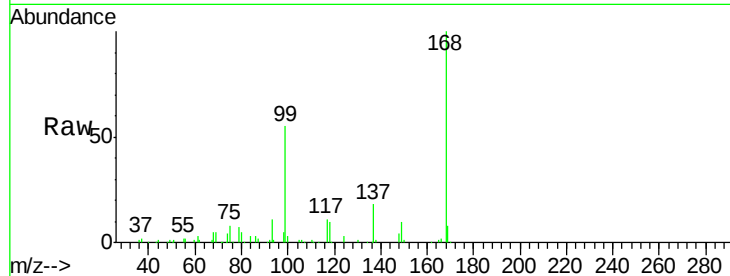




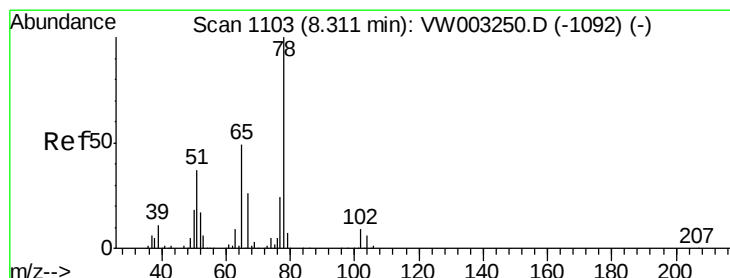
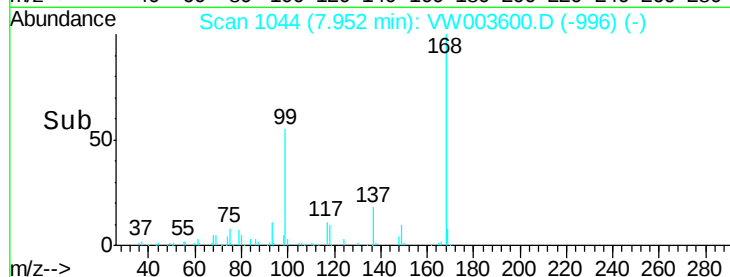
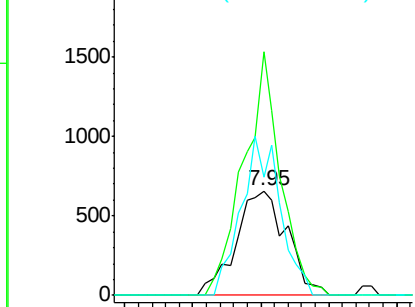
#31
Cyclohexane
Concen: 1.576 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

Instrument :
MSVOA_W
ClientSampleId :
A0C2-01

Tgt Ion: 56 Resp: 1717
Ion Ratio Lower Upper
56 100
69 232.6 26.3 39.5#
84 113.2 65.7 98.5#

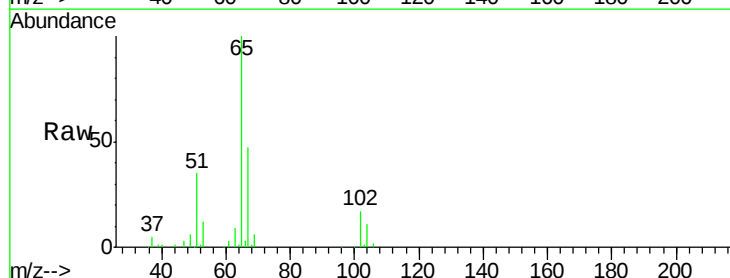


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

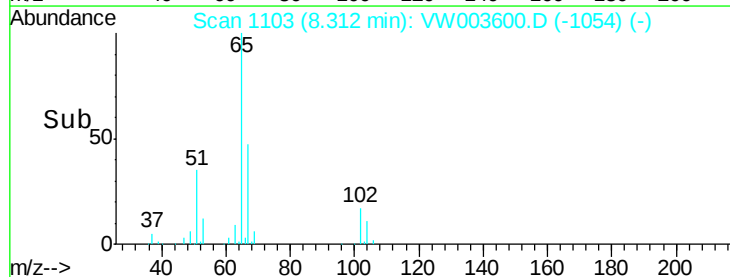
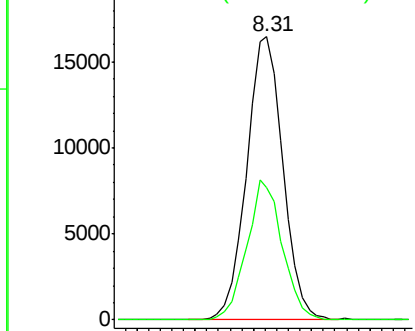


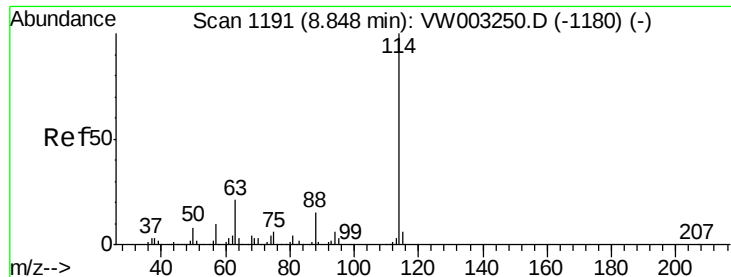
#33
1,2-Dichloroethane-d4
Concen: 52.939 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

Tgt Ion: 65 Resp: 35692
Ion Ratio Lower Upper
65 100
67 48.3 0.0 104.2



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

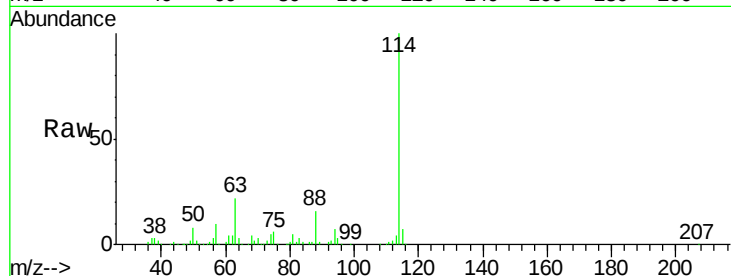




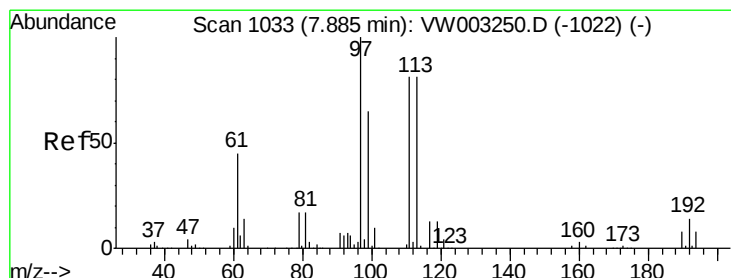
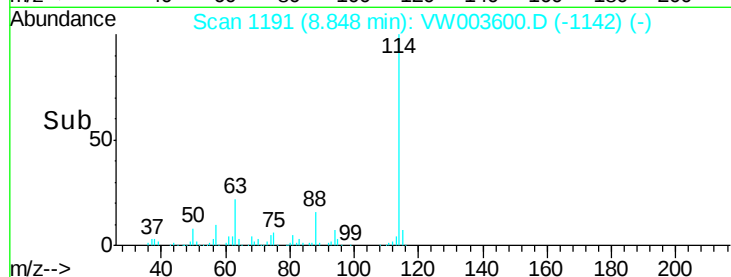
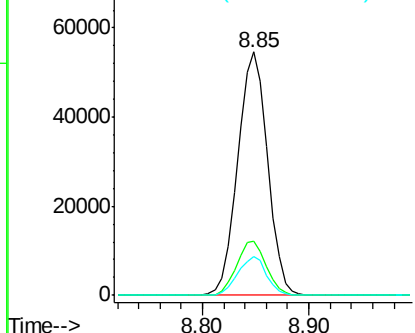
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003600.D
 Acq: 27 Jun 2018 05:41

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C2-01

Tgt Ion:114 Resp: 107554
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.0
 88 15.7 0.0 29.6

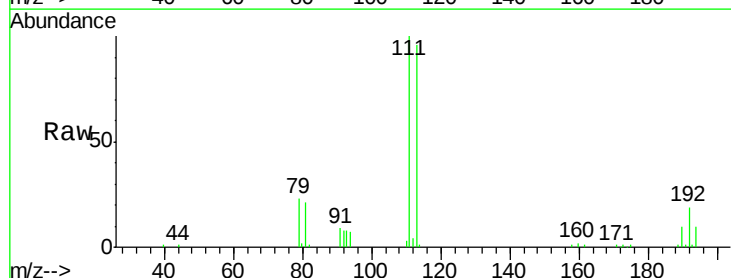


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

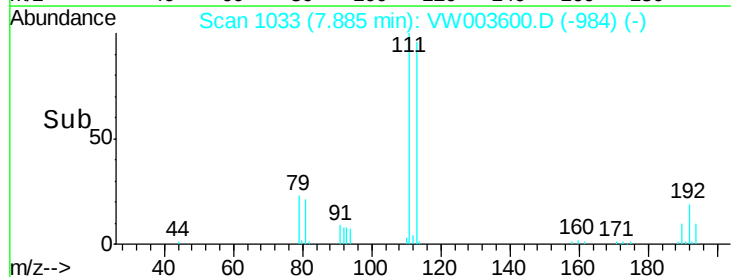
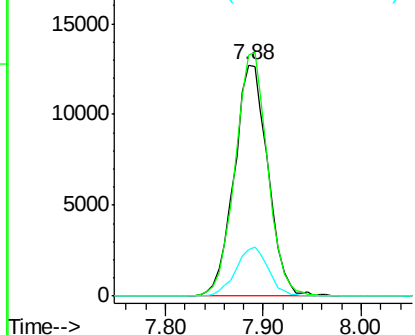


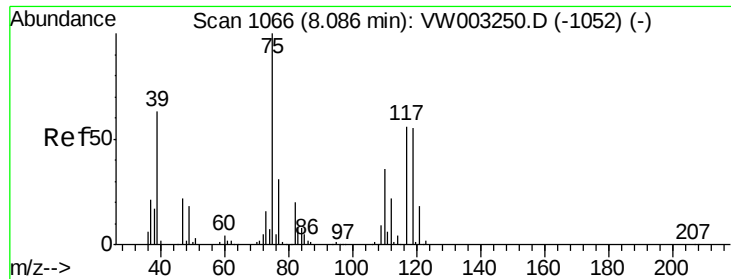
#35
 Dibromofluoromethane
 Concen: 45.424 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003600.D
 Acq: 27 Jun 2018 05:41

Tgt Ion:113 Resp: 30357
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 20.3 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# 1044

Delta R.T. -0.13 min

Lab File: VW003600.D

Acq: 27 Jun 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

A0C2-01

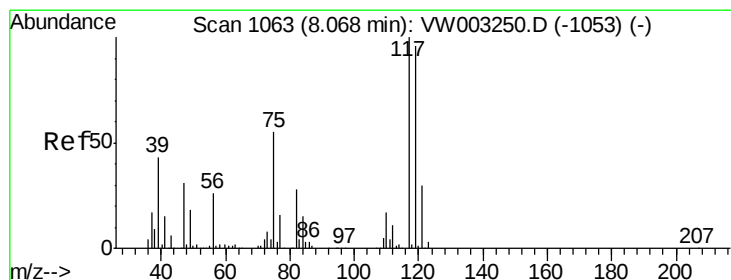
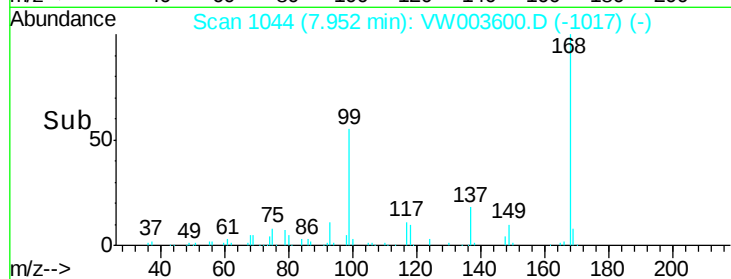
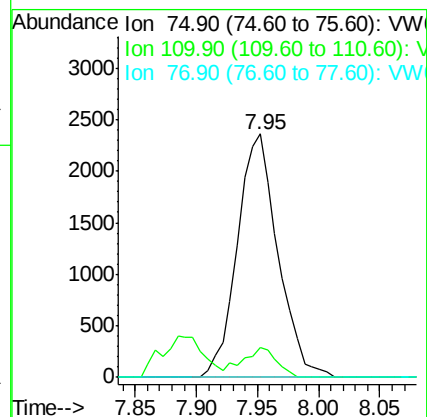
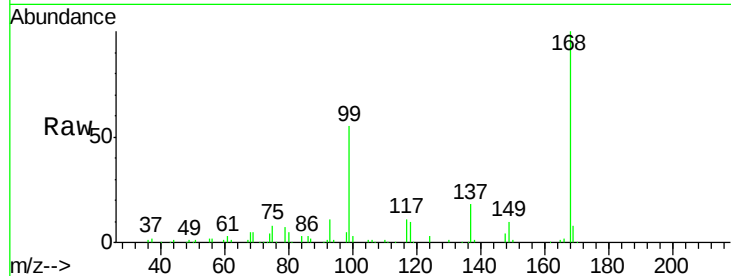
Tgt Ion: 75 Resp: 5419

Ion Ratio Lower Upper

75 100

110 10.3 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.144 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003600.D

Acq: 27 Jun 2018 05:41

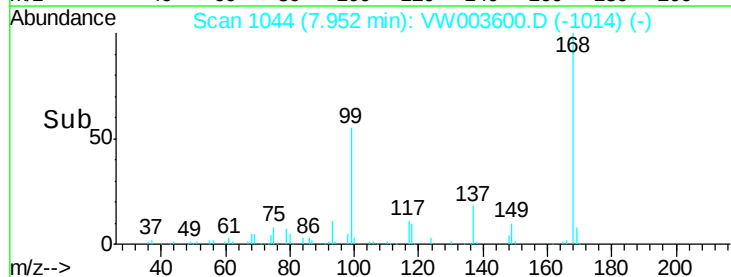
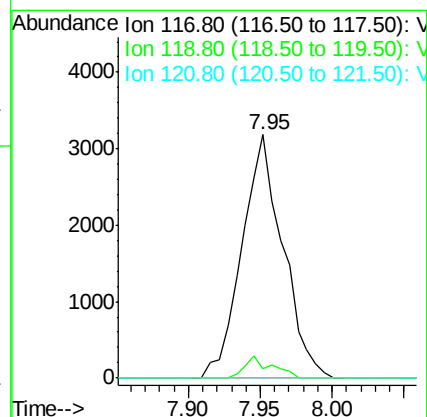
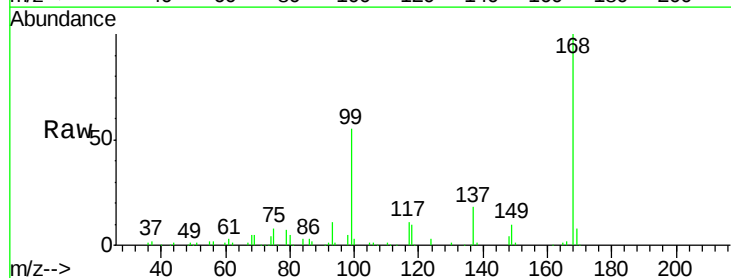
Tgt Ion: 117 Resp: 6260

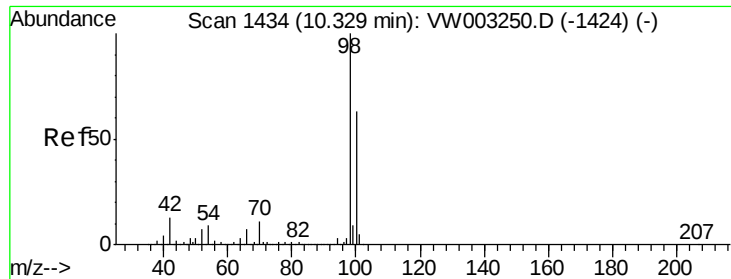
Ion Ratio Lower Upper

117 100

119 3.9 76.6 115.0#

121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 32.027 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003600.D

Acq: 27 Jun 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

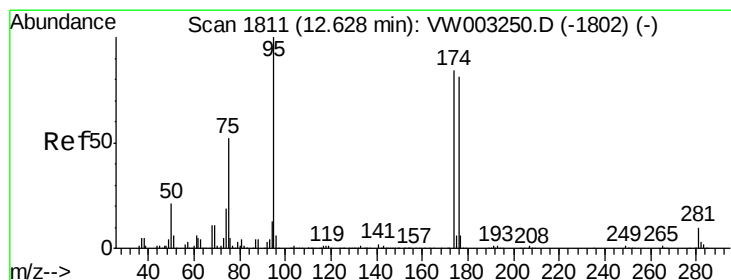
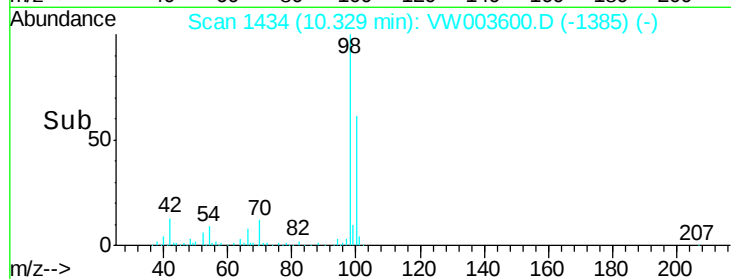
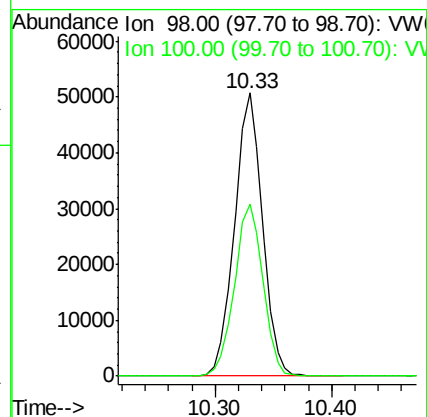
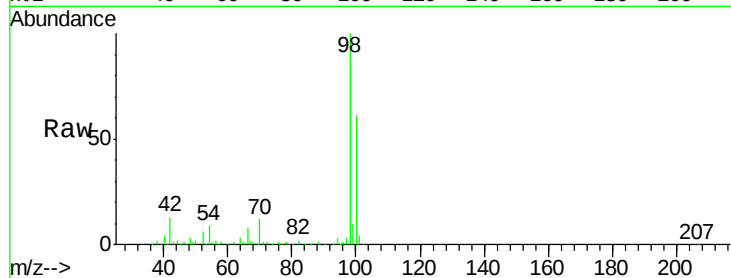
A0C2-01

Tgt Ion: 98 Resp: 84871

Ion Ratio Lower Upper

98 100

100 61.7 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 30.316 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003600.D

Acq: 27 Jun 2018 05:41

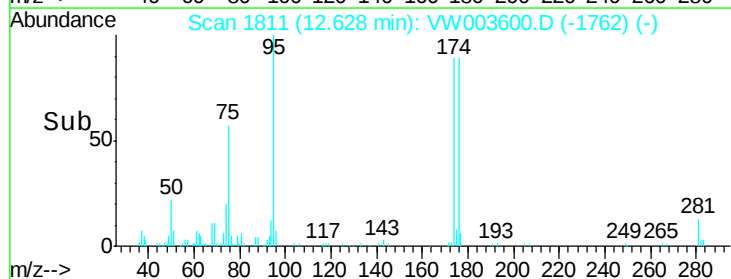
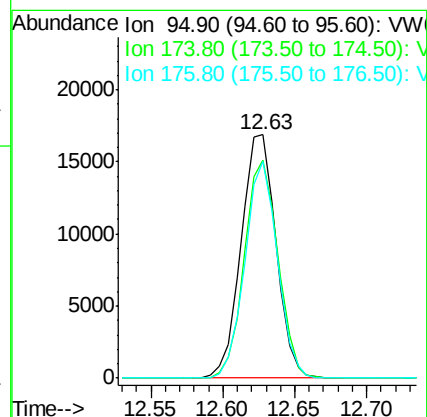
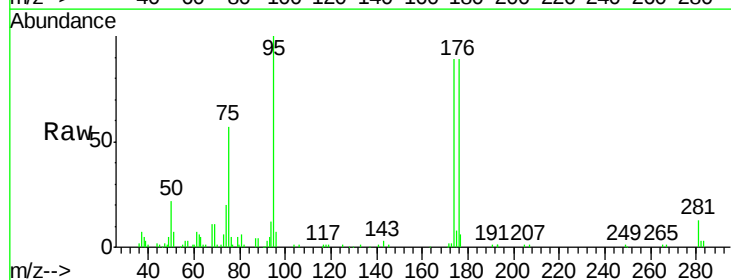
Tgt Ion: 95 Resp: 28431

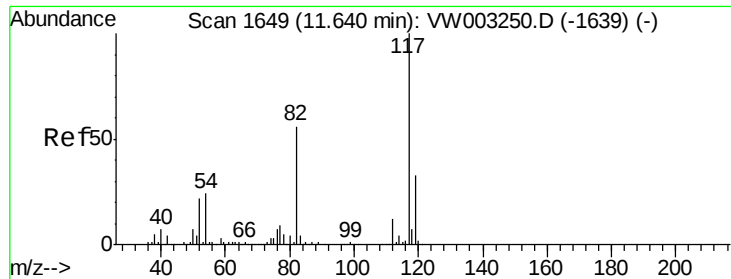
Ion Ratio Lower Upper

95 100

174 85.9 0.0 166.4

176 82.5 0.0 162.0

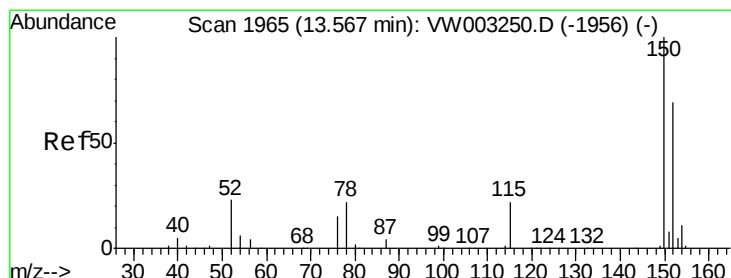
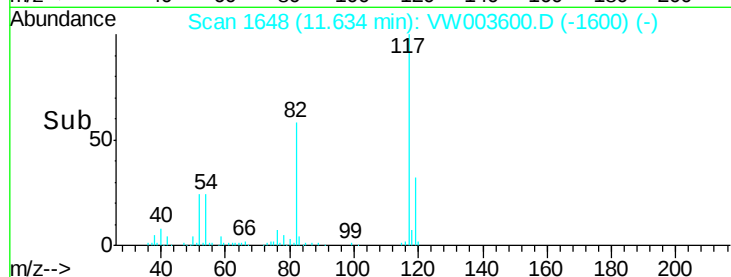
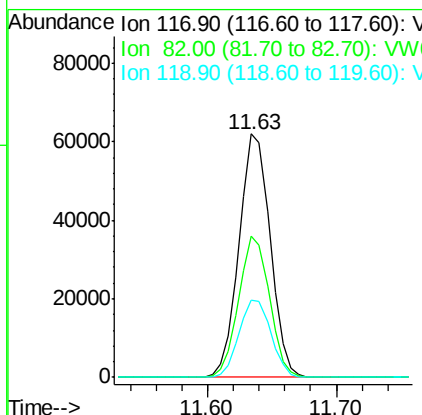
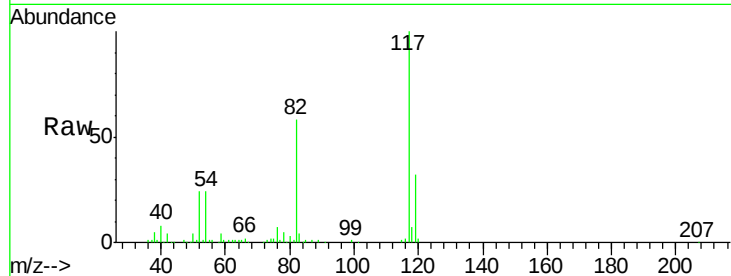




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

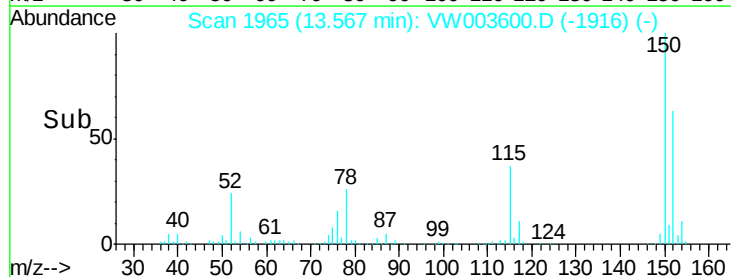
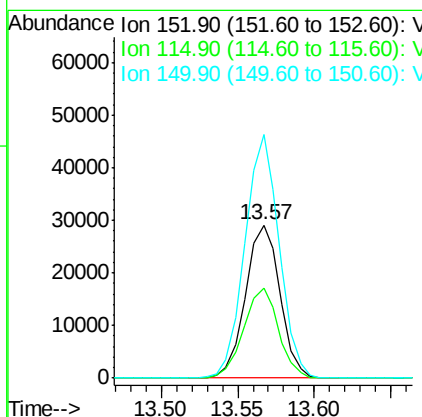
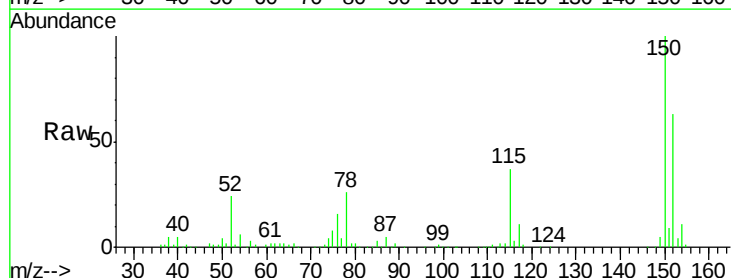
Instrument :
MSVOA_W
ClientSampleId :
A0C2-01

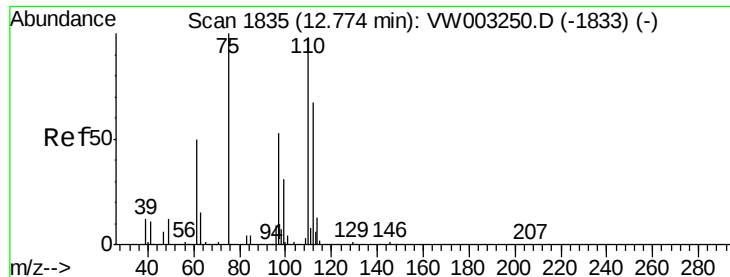
Tgt Ion:117 Resp: 103819
Ion Ratio Lower Upper
117 100
82 57.9 44.6 67.0
119 31.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

Tgt Ion:152 Resp: 45704
Ion Ratio Lower Upper
152 100
115 59.4 29.3 88.0
150 157.5 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 40.866 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003600.D

Acq: 27 Jun 2018 05:41

Instrument :

MSVOA_W

ClientSampled :

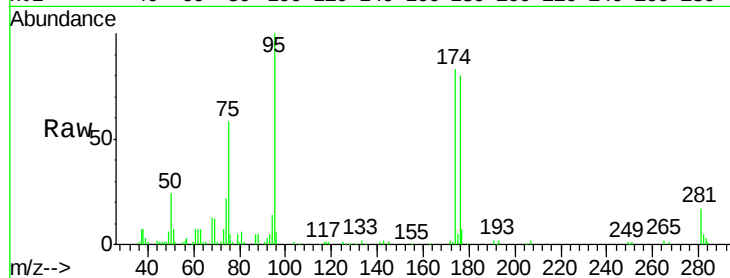
A0C2-01

Tgt Ion: 75 Resp: 15967

Ion Ratio Lower Upper

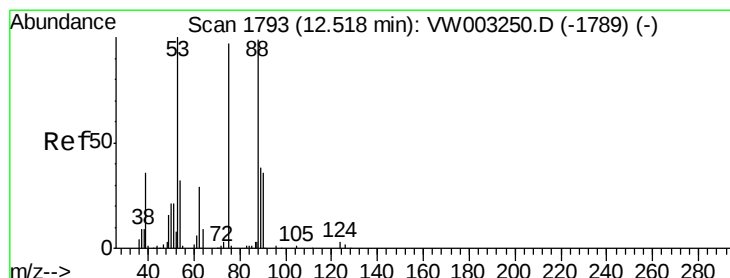
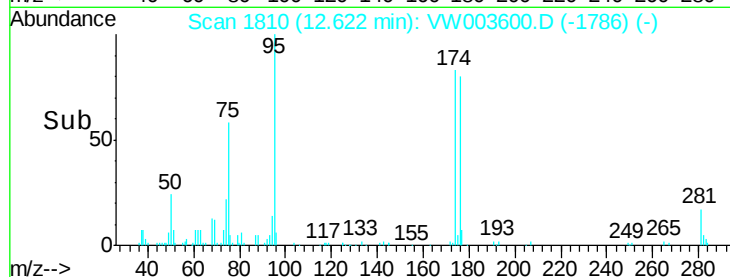
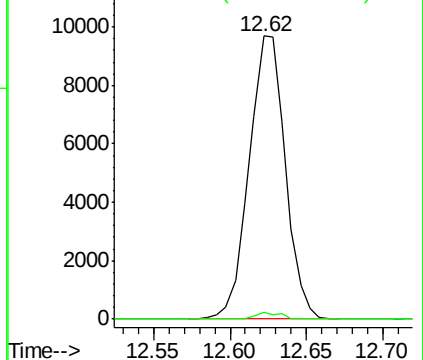
75 100

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: 94.035 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003600.D

Acq: 27 Jun 2018 05:41

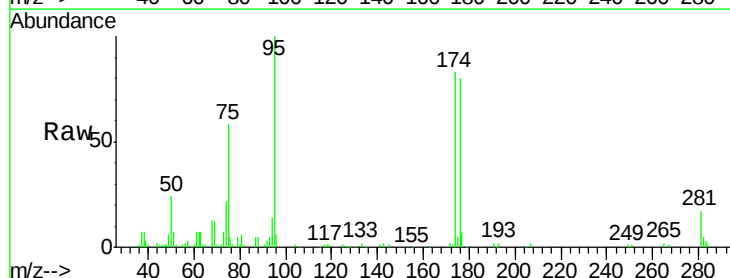
Tgt Ion: 75 Resp: 15967

Ion Ratio Lower Upper

75 100

53 0.1 82.9 124.3#

89 0.0 36.7 55.1#



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

