

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003604.D
 Acq On : 27 Jun 2018 11:03
 Operator : SY/AP
 Sample : VW0627SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 27 14:04:28 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	188371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	307688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	140575	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	119430	58.53	ug/l	0.00
Spiked Amount						
			Recovery	=	117.06%	
35) Dibromofluoromethane	7.88	113	106249	55.57	ug/l	0.00
Spiked Amount						
			Recovery	=	111.14%	
50) Toluene-d8	10.33	98	393628	51.92	ug/l	0.00
Spiked Amount						
			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.63	95	128349	47.84	ug/l	0.00
Spiked Amount						
			Recovery	=	95.68%	

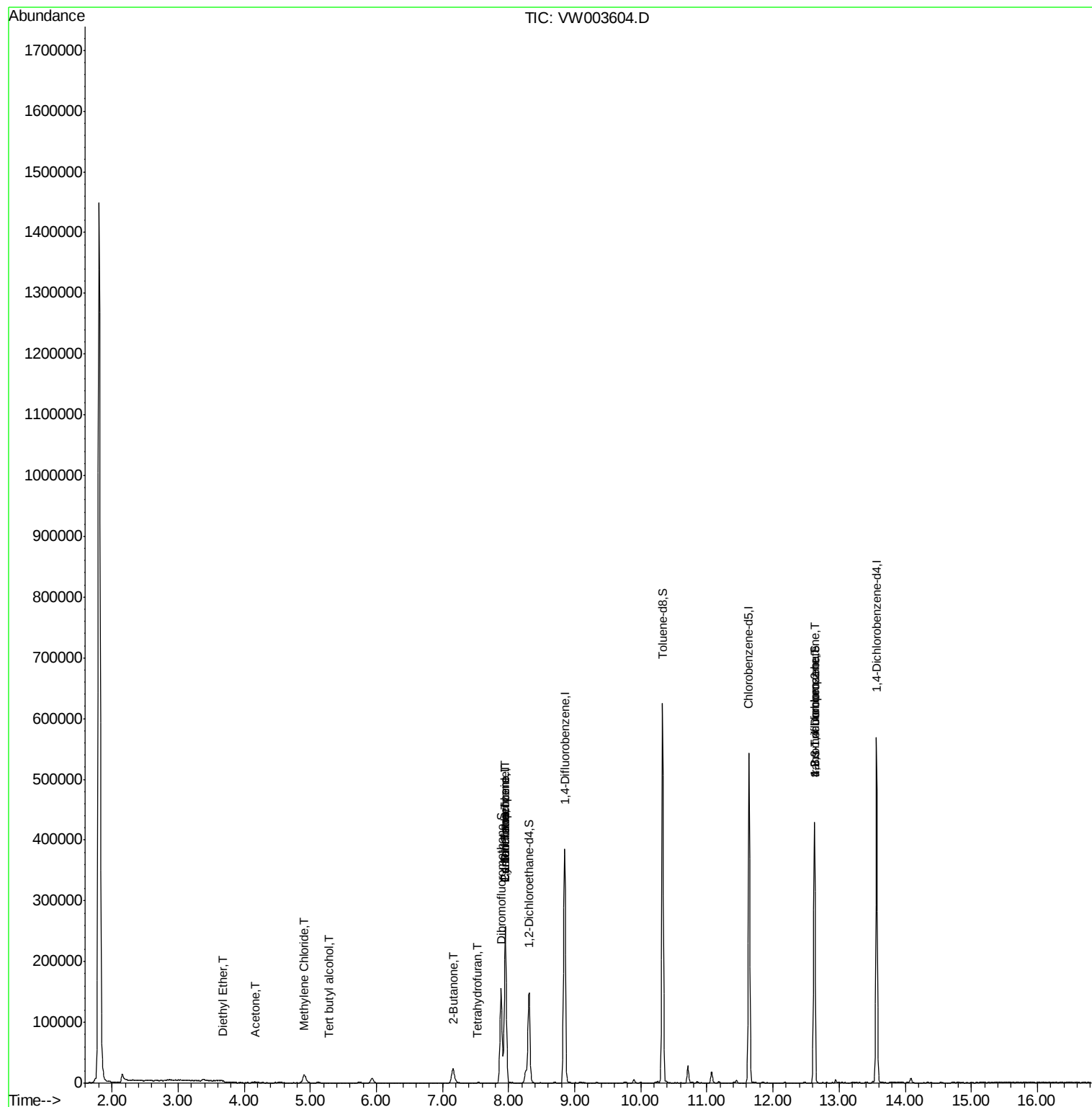
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1117	1.21	ug/l	60
11) Tert butyl alcohol	5.28	59	259	2.37	ug/l #	84
16) Acetone	4.15	43	4653	10.87	ug/l #	84
20) Methylene Chloride	4.91	84	9417	1.63	ug/l	98
25) 2-Butanone	7.17	43	1755	3.30	ug/l #	50
29) Tetrahydrofuran	7.53	42	625	1.92	ug/l #	35
31) Cyclohexane	7.95	56	4938	1.50	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	15728	5.29	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19297	6.62	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	71241	59.28	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	71241	136.41	ug/l #	8

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

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Data File : VW003604.D
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Sample : VW0627SBL02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 27 14:04:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
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: VW003604.D

Acq: 27 Jun 2018 11:03

Instrument :

MSVOA_W

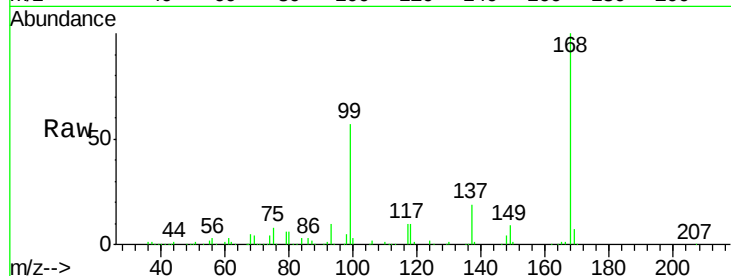
ClientSampleId :

Tot Ion:168 Resp: 188371

Ion Ratio Lower Upper

168 100

99 57.4 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

80000

60000

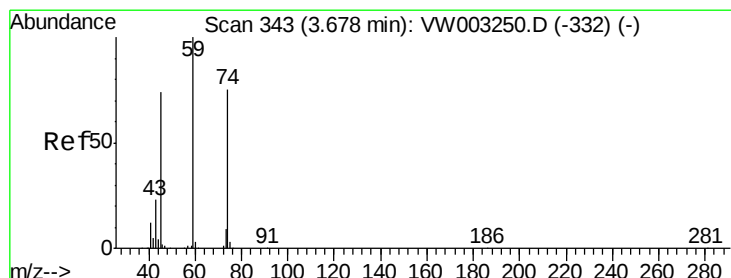
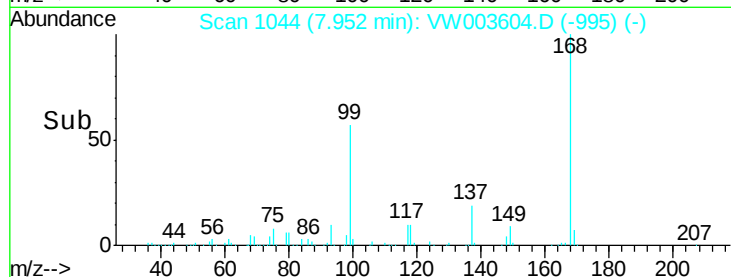
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#8

Diethyl Ether

Concen: 1.21 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003604.D

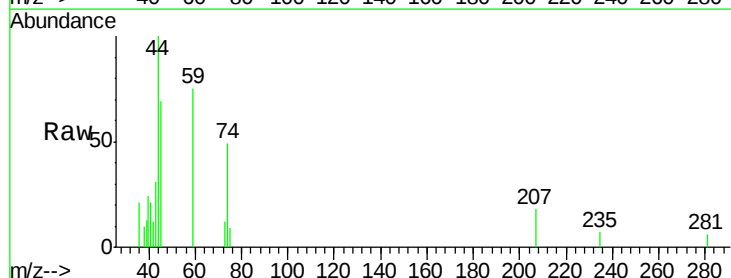
Acq: 27 Jun 2018 11:03

Tgt Ion: 74 Resp: 1117

Ion Ratio Lower Upper

74 100

45 143.6 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

600

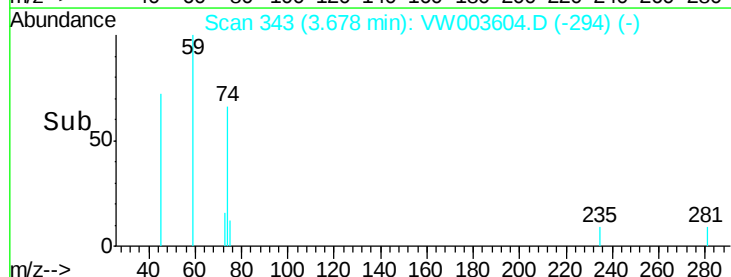
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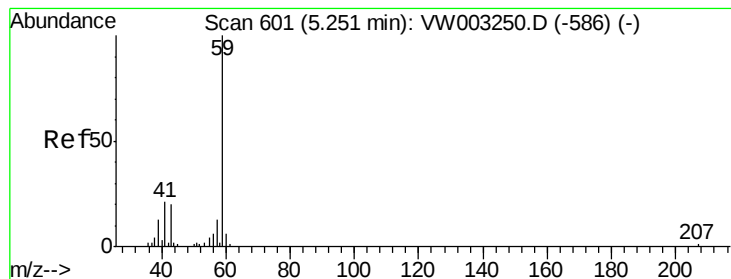
200

0

3.60 3.65 3.70 3.75

Time-->



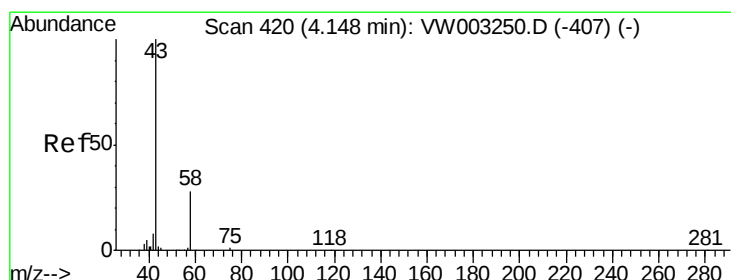
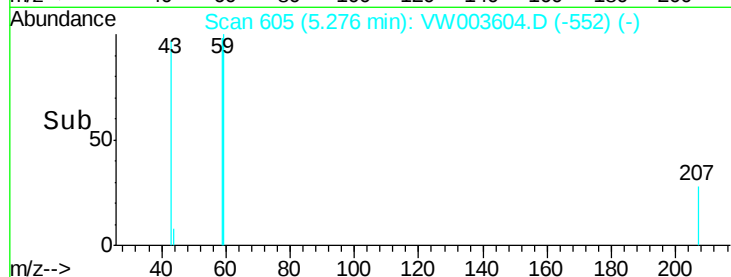
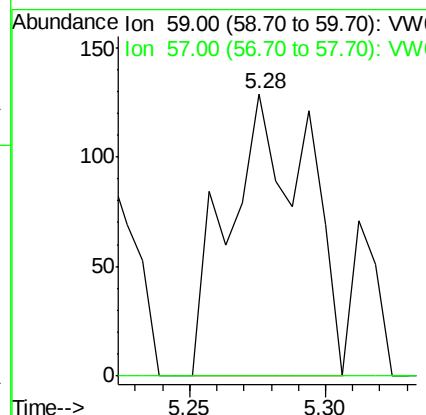
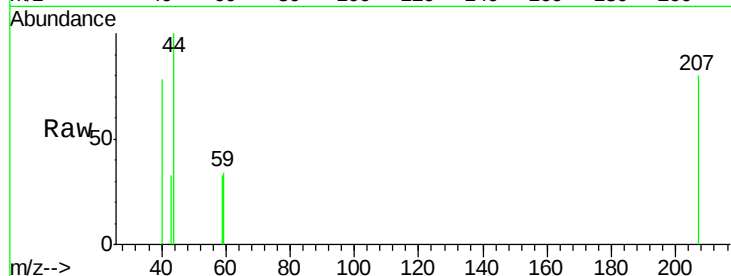


#11

Tert butyl alcohol
 Concen: 2.37 ug/l
 RT: 5.28 min Scan# 605
 Delta R.T. 0.02 min
 Lab File: VW003604.D
 Acq: 27 Jun 2018 11:03

Instrument :
 MSVOA_W
 ClientSampled :

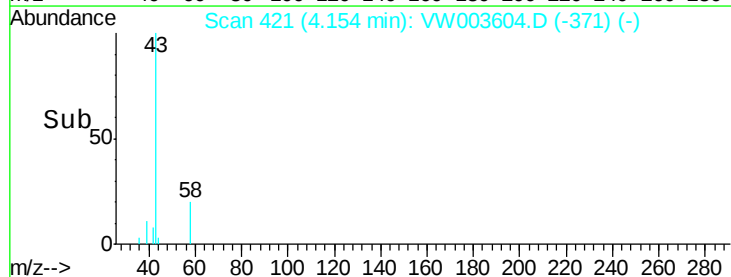
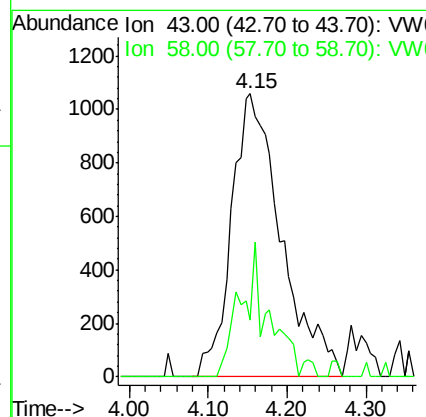
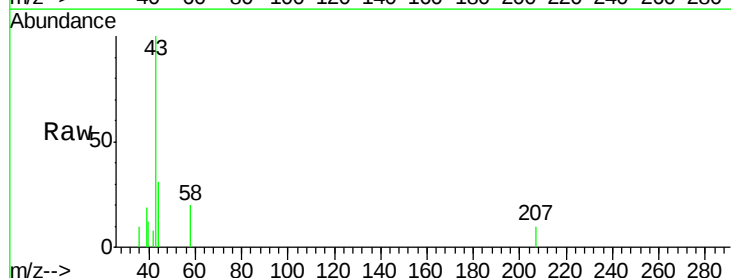
Tot Ion: 59 Resp: 259
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

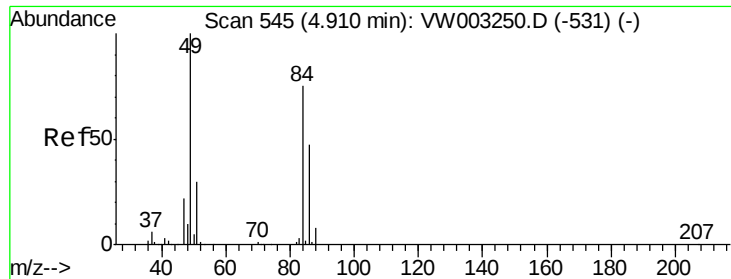


#16

Acetone
 Concen: 10.87 ug/l
 RT: 4.15 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: VW003604.D
 Acq: 27 Jun 2018 11:03

Tgt Ion: 43 Resp: 4653
 Ion Ratio Lower Upper
 43 100
 58 19.9 22.6 34.0#

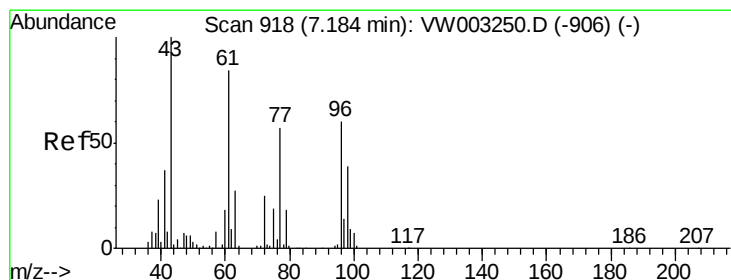
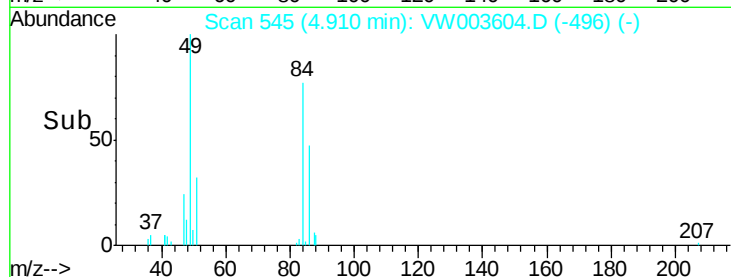
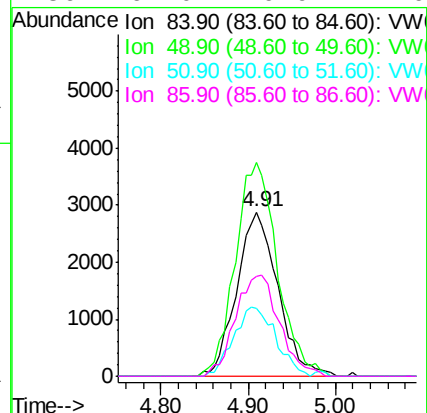
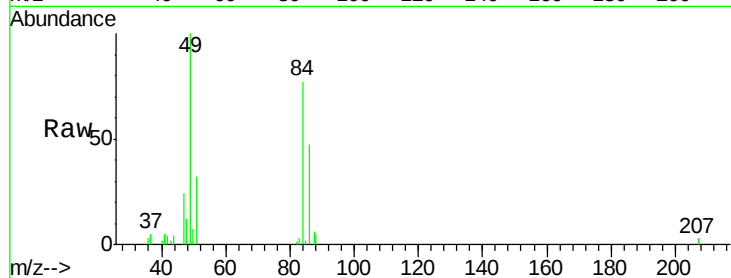




#20
Methylene Chloride
Concen: 1.63 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003604.D
Acq: 27 Jun 2018 11:03

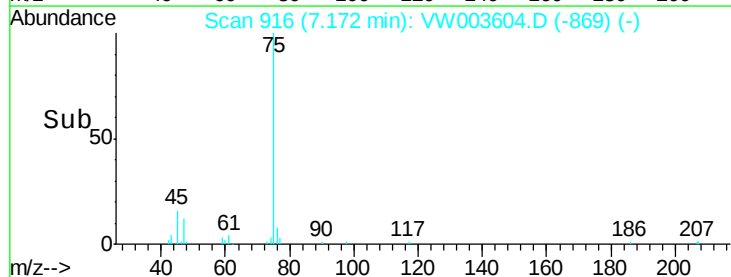
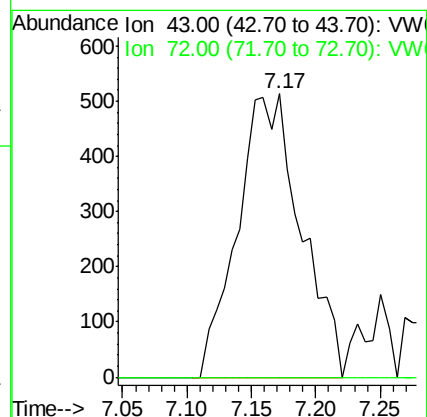
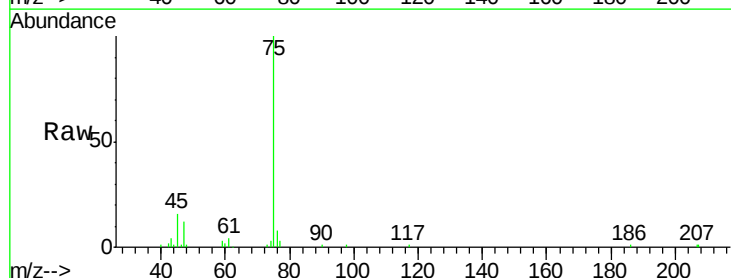
Instrument :
MSVOA_W
ClientSampleId :

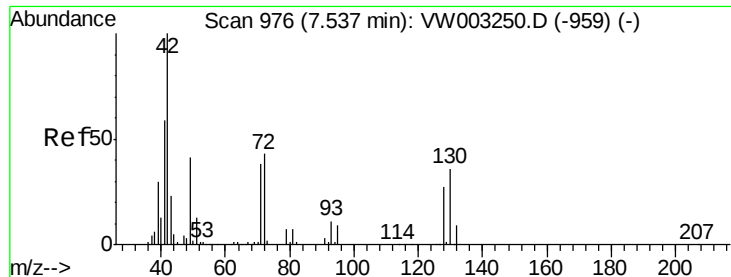
Tot Ion: 84 Resp: 9417
Ion Ratio Lower Upper
84 100
49 129.8 106.3 159.5
51 41.1 32.0 48.0
86 61.0 49.9 74.9



#25
2-Butanone
Concen: 3.30 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW003604.D
Acq: 27 Jun 2018 11:03

Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

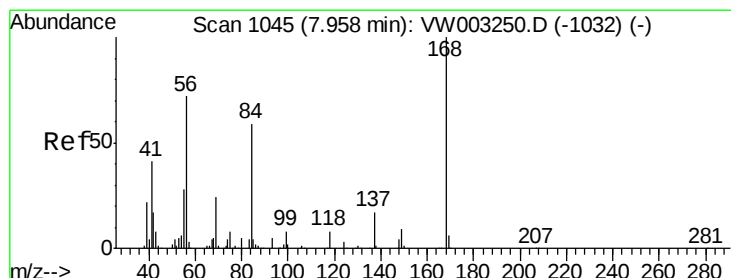
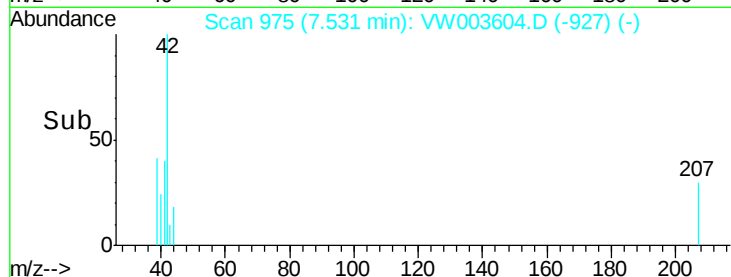
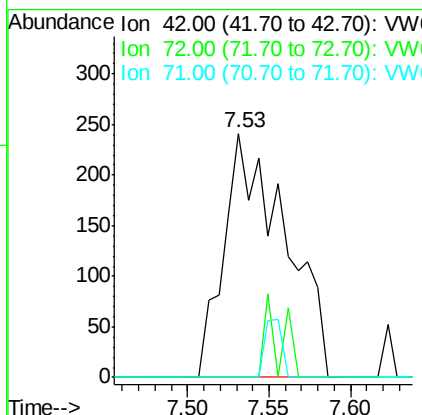
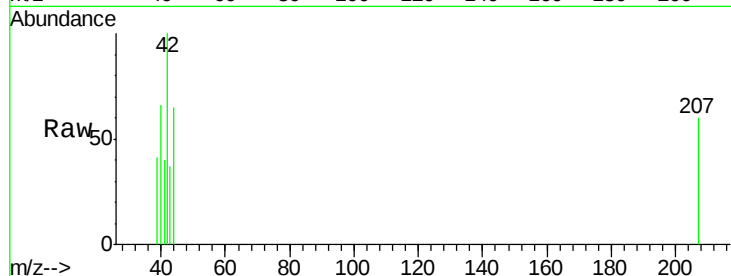




#29
Tetrahydrofuran
Concen: 1.92 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003604.D
Acq: 27 Jun 2018 11:03

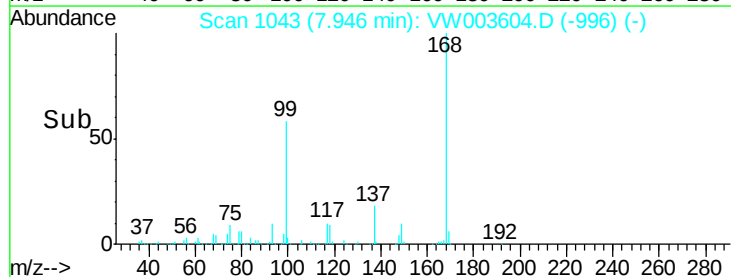
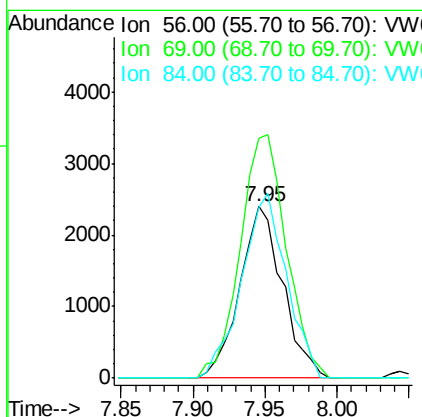
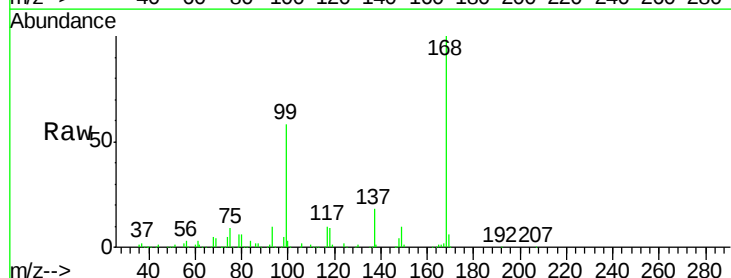
Instrument :
MSVOA_W
ClientSampleId :

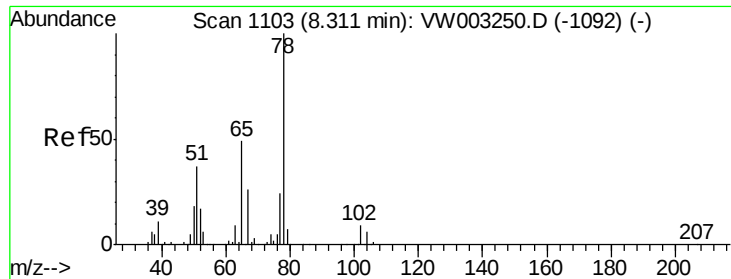
Tot Ion: 42 Resp: 625
Ion Ratio Lower Upper
42 100
72 0.0 32.4 48.6#
71 0.0 31.2 46.8#



#31
Cyclohexane
Concen: 1.50 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003604.D
Acq: 27 Jun 2018 11:03

Tgt Ion: 56 Resp: 4938
Ion Ratio Lower Upper
56 100
69 140.3 26.3 39.5#
84 99.3 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 58.53 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003604.D

Acq: 27 Jun 2018 11:03

Instrument :

MSVOA_W

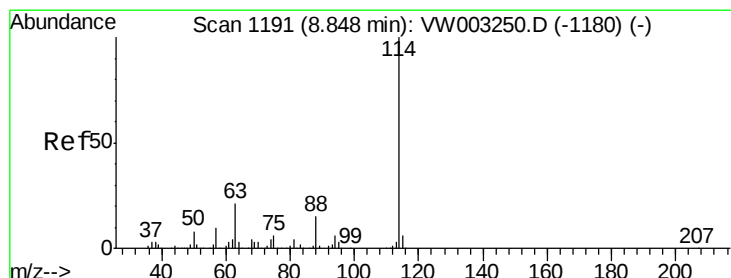
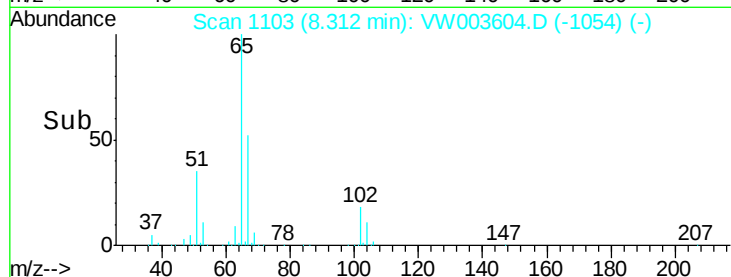
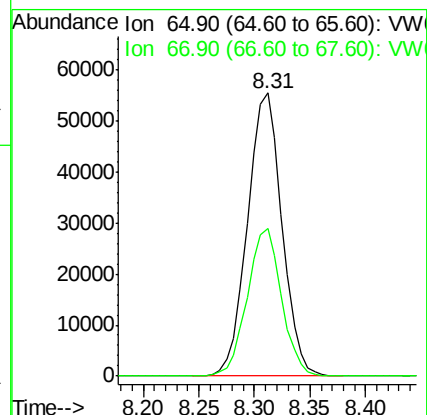
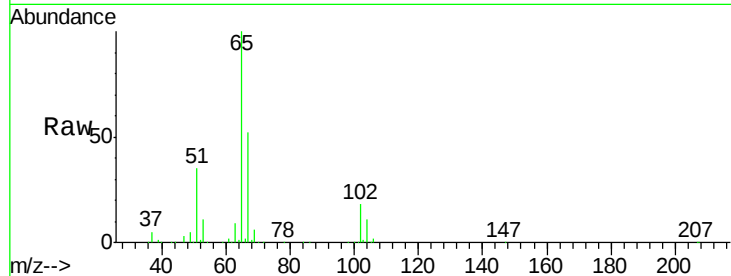
ClientSampleId :

Tot Ion: 65 Resp: 119430

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003604.D

Acq: 27 Jun 2018 11:03

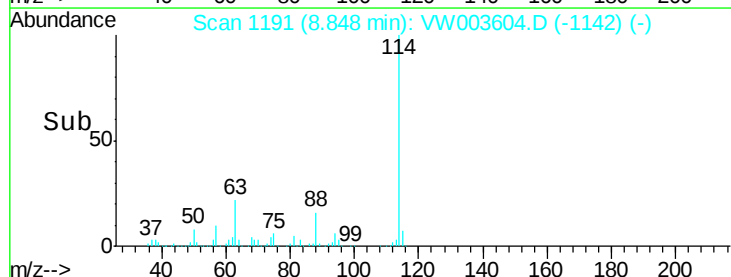
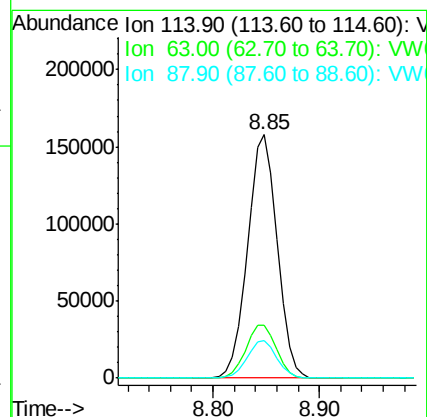
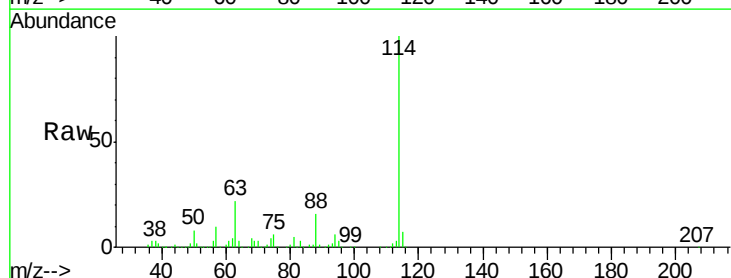
Tgt Ion: 114 Resp: 307688

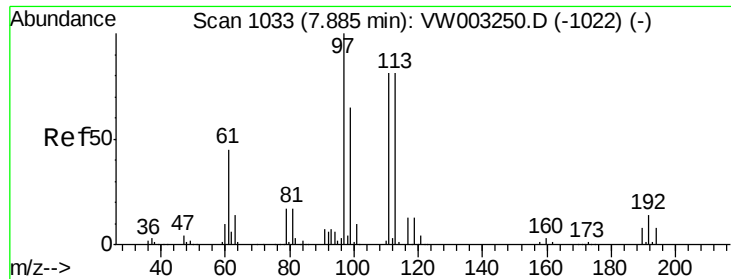
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 15.6 0.0 29.6

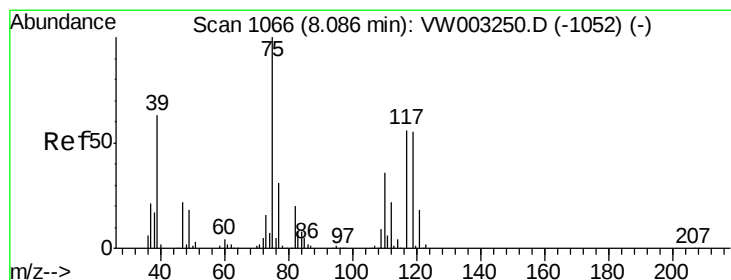
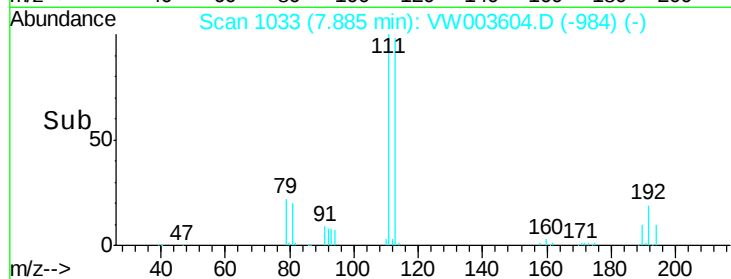
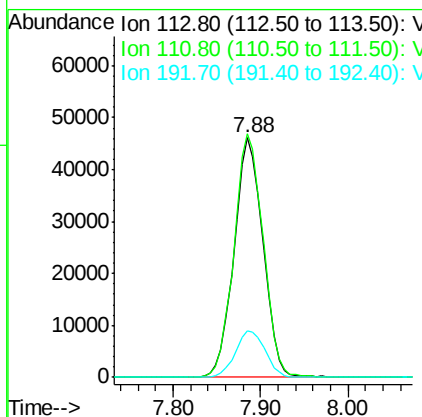
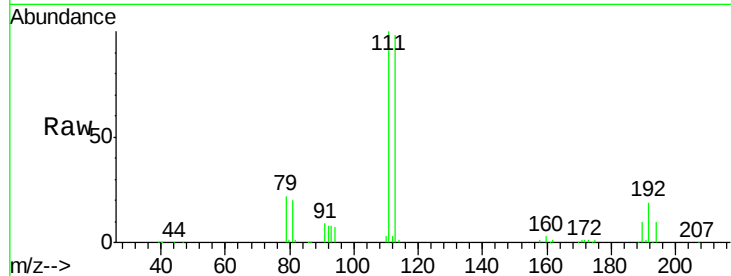




#35
 Dibromofluoromethane
 Concen: 55.57 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003604.D
 Acq: 27 Jun 2018 11:03

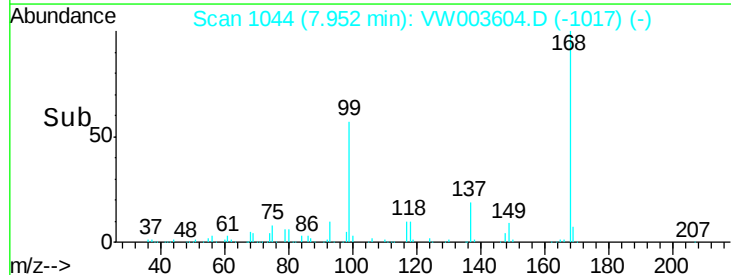
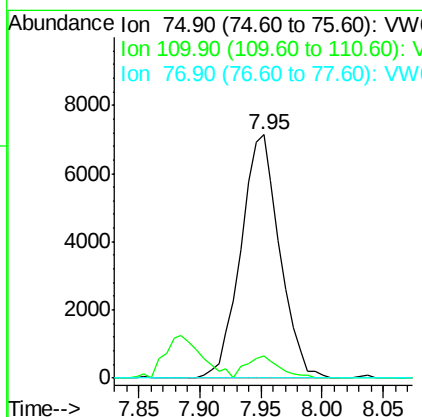
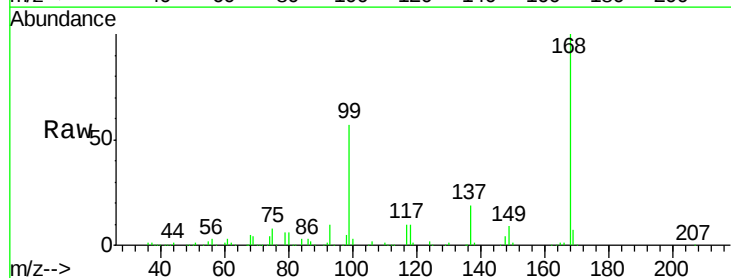
Instrument :
 MSVOA_W
 ClientSampleId :

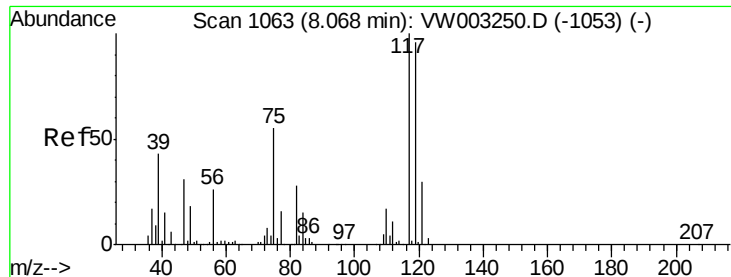
Tot Ion:113 Resp: 106249
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 20.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.29 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003604.D
 Acq: 27 Jun 2018 11:03

Tgt Ion: 75 Resp: 15728
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.1 51.3#
 77 0.0 24.9 37.3#

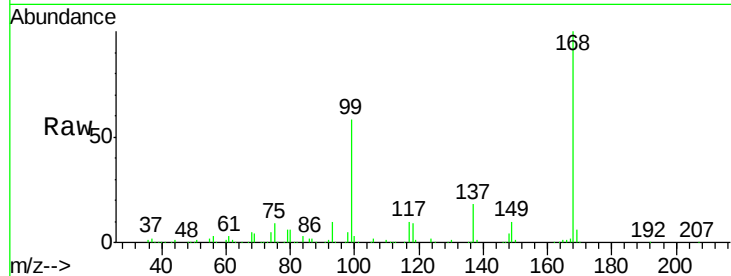




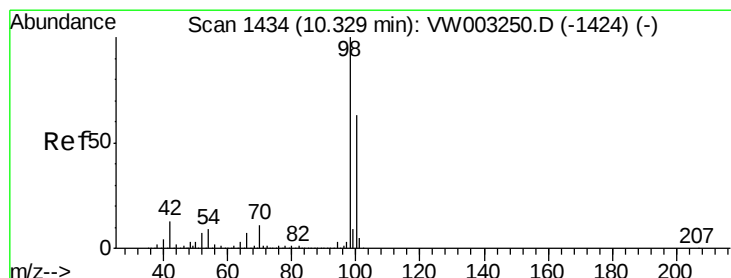
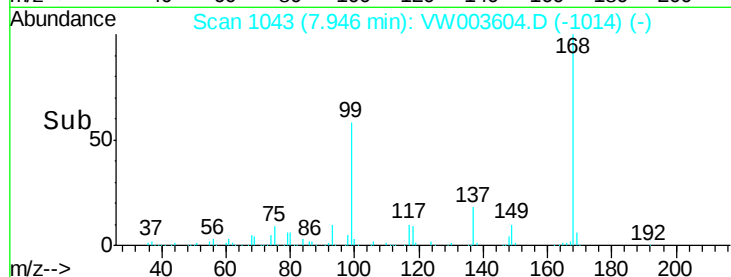
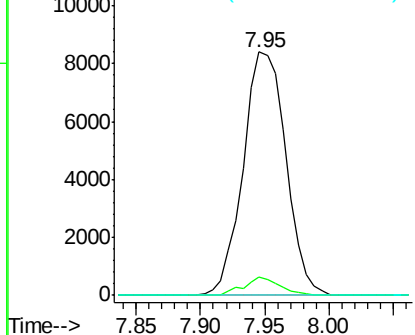
#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003604.D
Acq: 27 Jun 2018 11:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 19297
Ion Ratio Lower Upper
117 100
119 7.5 76.6 115.0#
121 0.0 23.9 35.9#

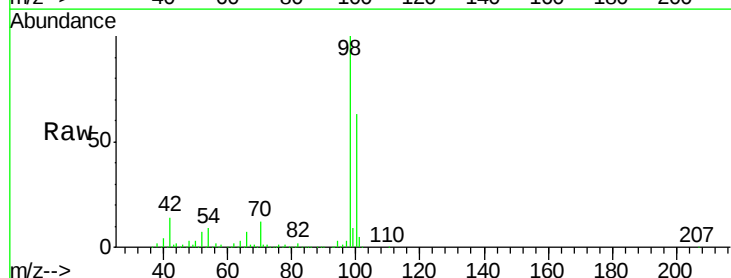


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

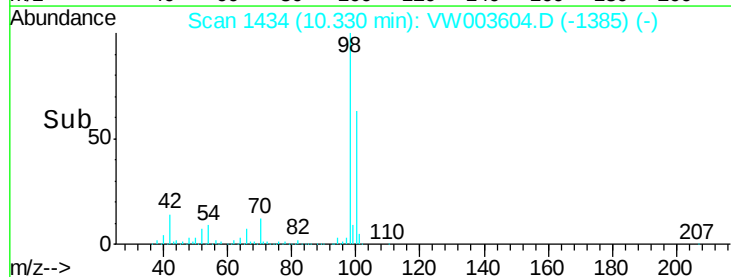
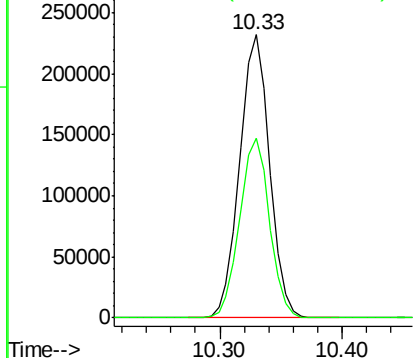


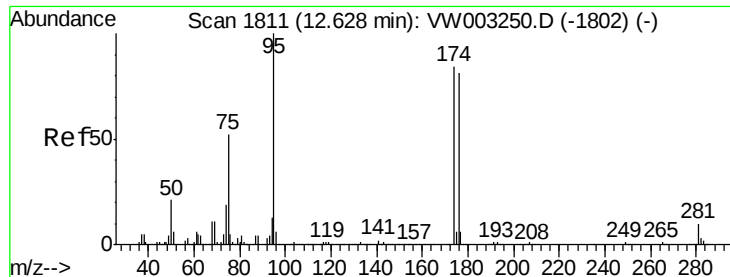
#50
Toluene-d8
Concen: 51.92 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003604.D
Acq: 27 Jun 2018 11:03

Tgt Ion: 98 Resp: 393628
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2



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

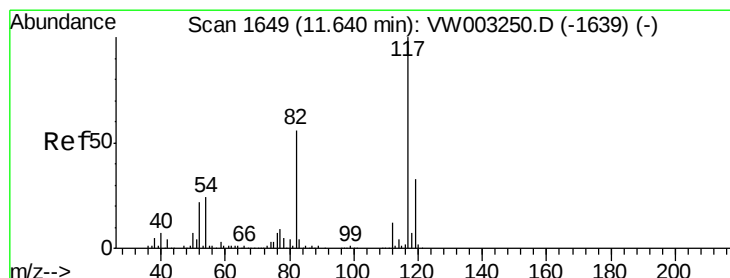
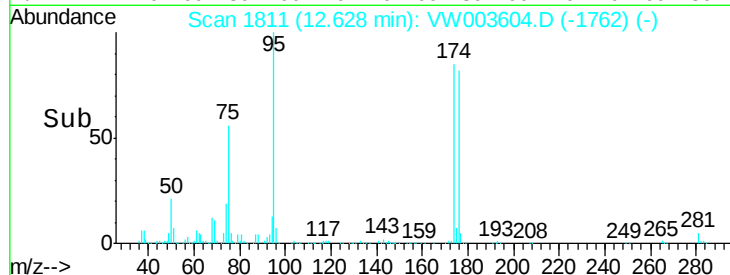
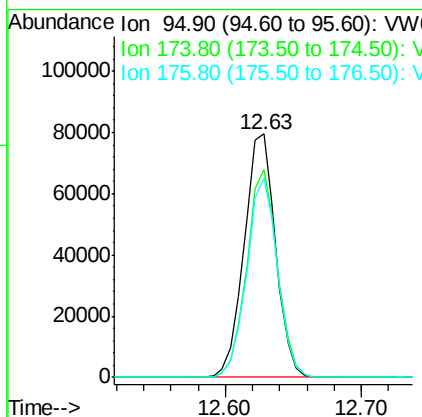
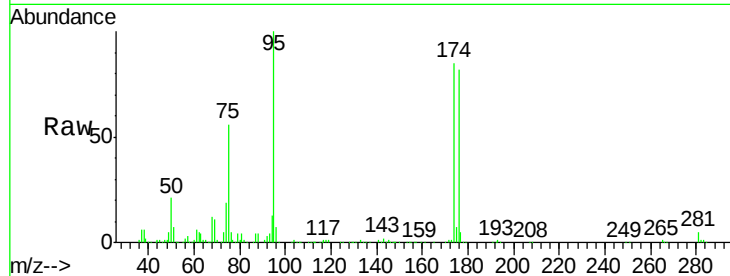




#62
4-Bromofluorobenzene
Concen: 47.84 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003604.D
Acq: 27 Jun 2018 11:03

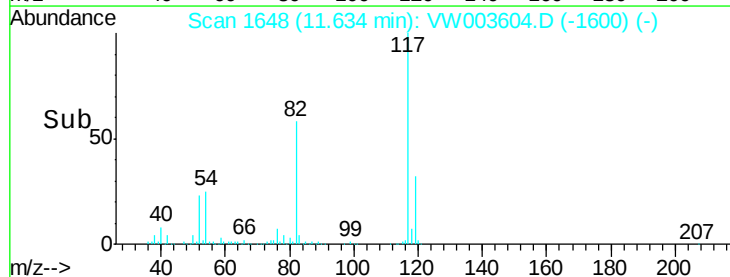
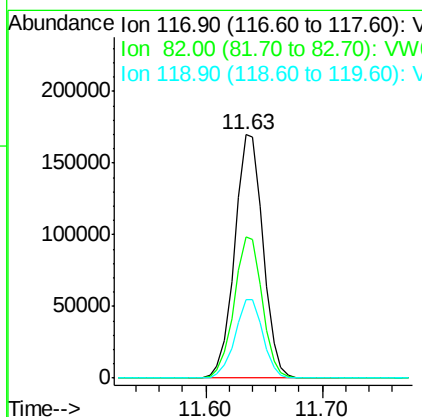
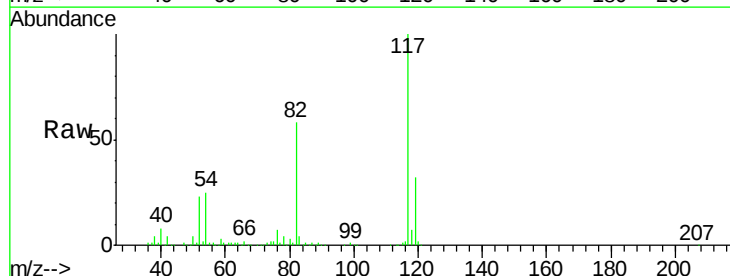
Instrument :
MSVOA_W
ClientSampleId :

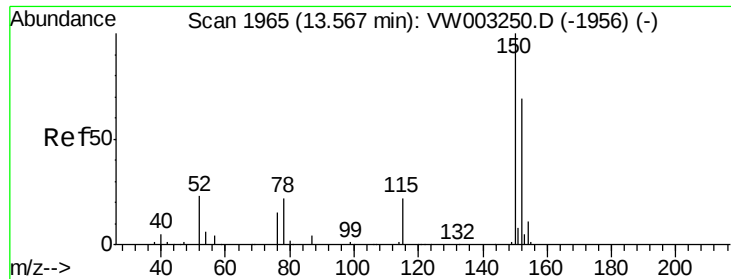
Tot Ion: 95 Resp: 128349
Ion Ratio Lower Upper
95 100
174 83.6 0.0 166.4
176 80.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003604.D
Acq: 27 Jun 2018 11:03

Tgt Ion: 117 Resp: 287520
Ion Ratio Lower Upper
117 100
82 58.0 44.6 67.0
119 32.3 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: VW003604.D

Acq: 27 Jun 2018 11:03

Instrument :

MSVOA_W

ClientSampleId :

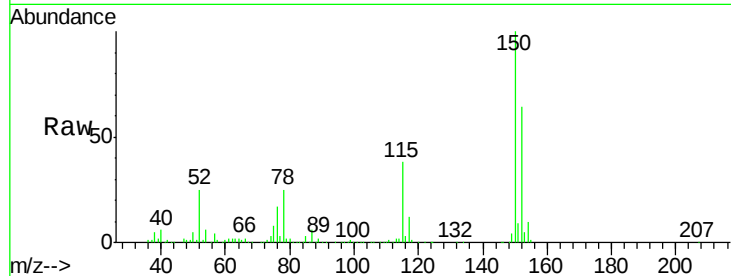
Tot Ion:152 Resp: 140575

Ion Ratio Lower Upper

152 100

115 57.6 29.3 88.0

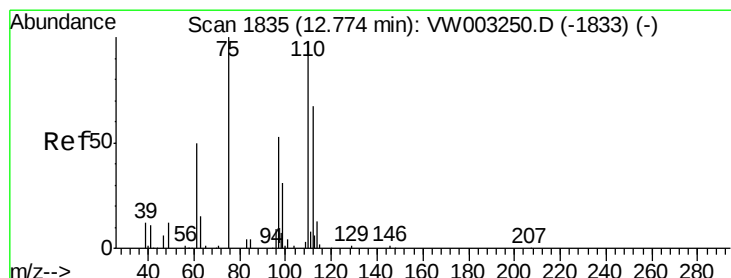
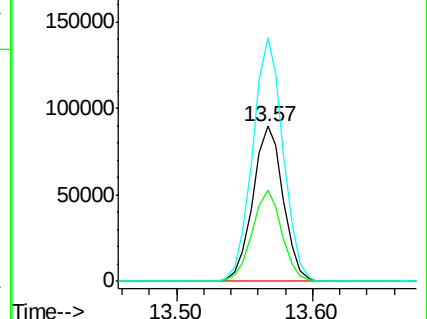
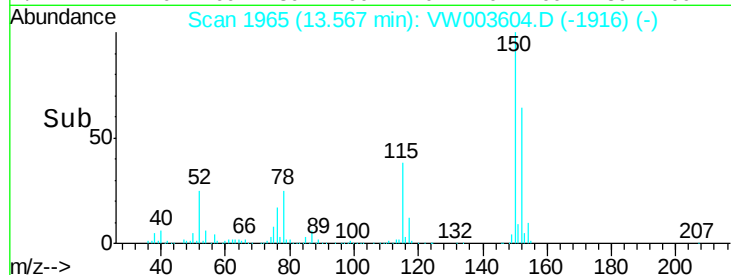
150 157.1 0.0 349.6



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



#76

1,2,3-Trichloropropane

Concen: 59.28 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003604.D

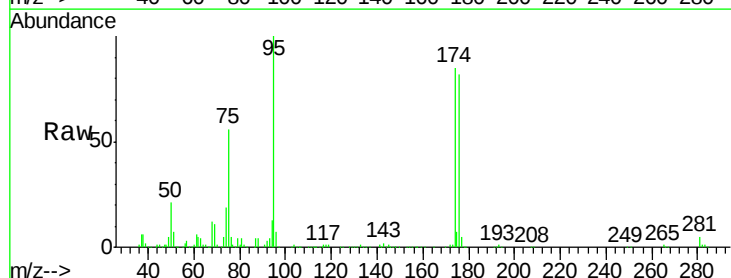
Acq: 27 Jun 2018 11:03

Tgt Ion: 75 Resp: 71241

Ion Ratio Lower Upper

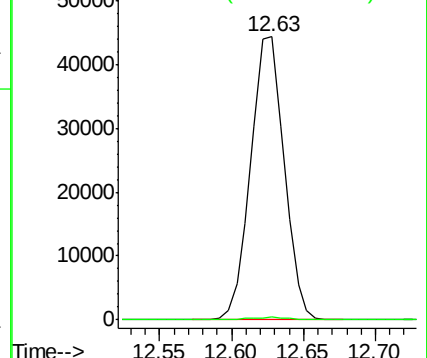
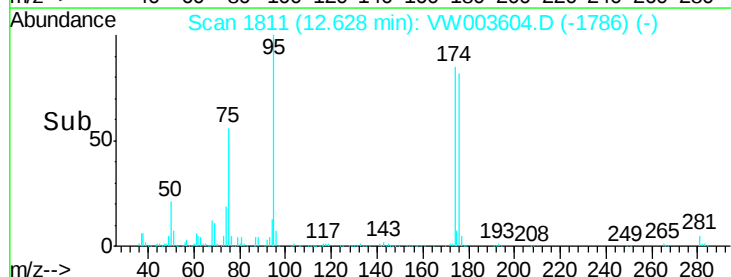
75 100

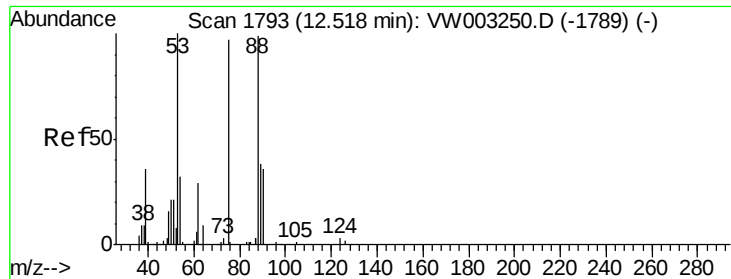
77 1.1 0.0 0.0#



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: 136.41 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003604.D

Acq: 27 Jun 2018 11:03

Instrument :

MSVOA_W

ClientSampleId :

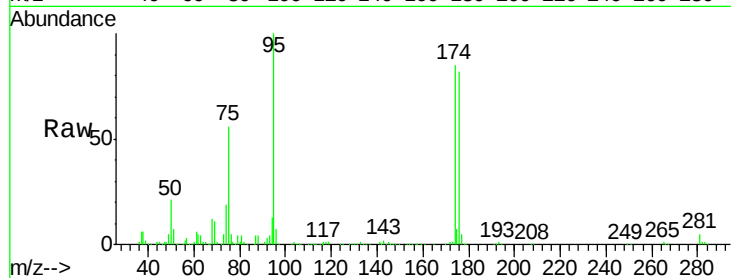
Tot Ion: 75 Resp: 71241

Ion Ratio Lower Upper

75 100

53 0.2 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

