

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003655.D
 Acq On : 29 Jun 2018 12:47
 Operator : SY/AP
 Sample : VW0629SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:37:53 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	204366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	333682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148416	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128360	57.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.98%	
35) Dibromofluoromethane	7.88	113	112241	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
50) Toluene-d8	10.33	98	427286	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	143510	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

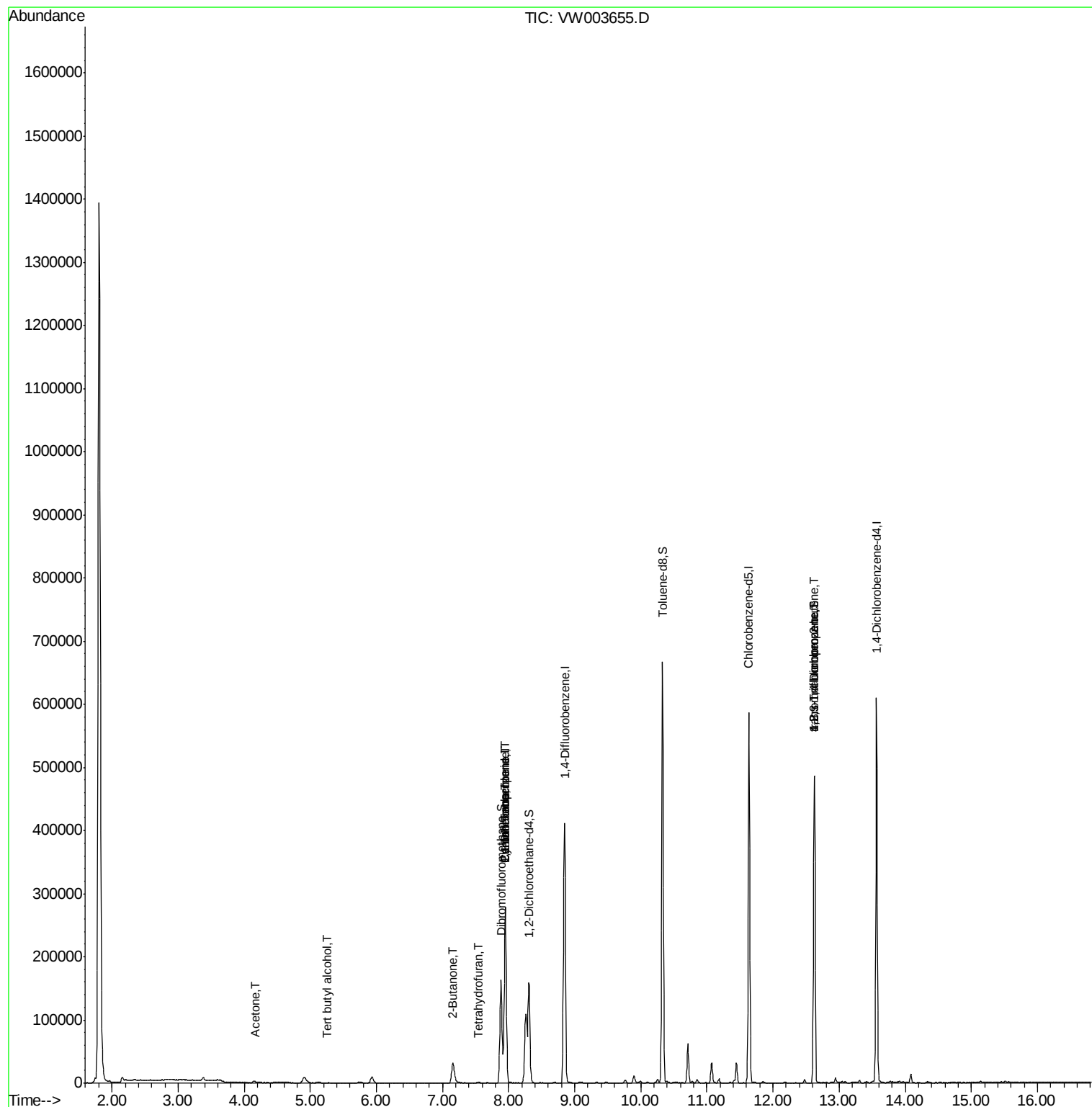
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	359	3.024	ug/l #	84
16) Acetone	4.17	43	4949	10.660	ug/l	96
20) Methylene Chloride	4.91	84	6472	Below Cal		88
25) 2-Butanone	7.15	43	2304	3.991	ug/l #	81
29) Tetrahydrofuran	7.55	42	472	1.338	ug/l #	44
31) Cyclohexane	7.95	56	5224	1.460	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	17873	5.546	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20869	6.602	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	78859	62.153	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78859	143.018	ug/l #	9

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

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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: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003655.D

Acq: 29 Jun 2018 12:47

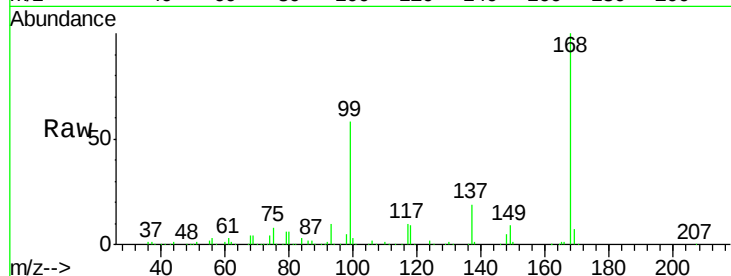
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 204366

Ion Ratio Lower Upper

168 100

99 57.9 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

100000

80000

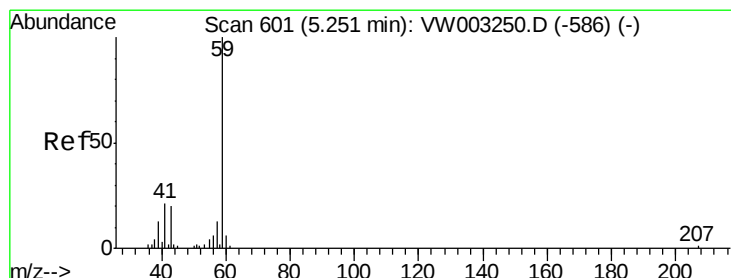
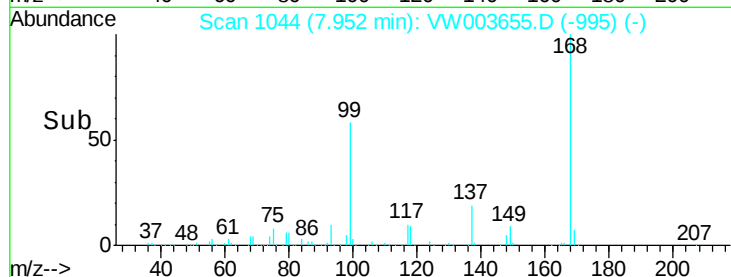
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.024 ug/l

RT: 5.26 min Scan# 602

Delta R.T. 0.01 min

Lab File: VW003655.D

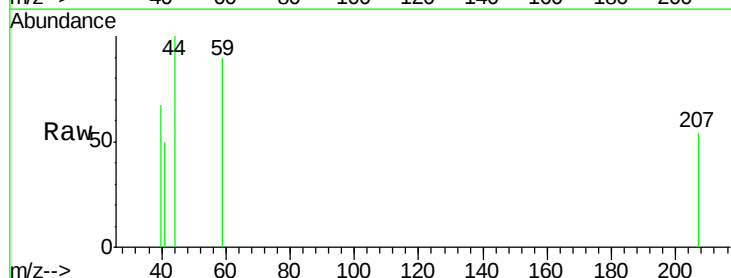
Acq: 29 Jun 2018 12:47

Tgt Ion: 59 Resp: 359

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

5.26

200

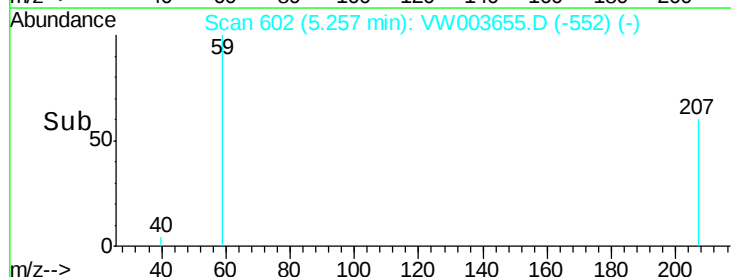
150

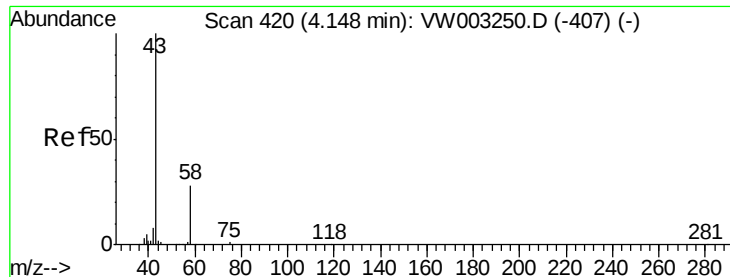
100

50

0

Time-->

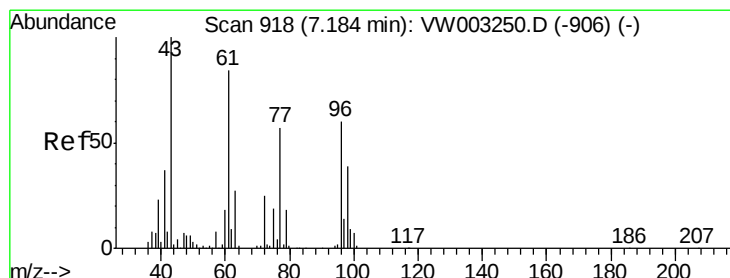
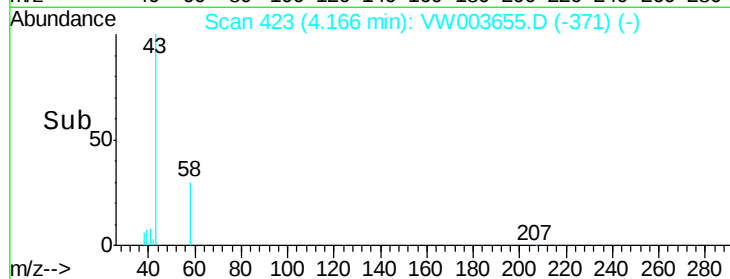
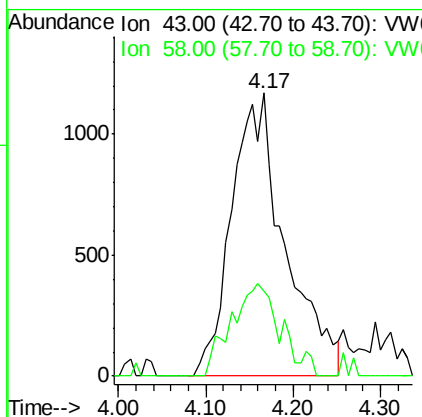
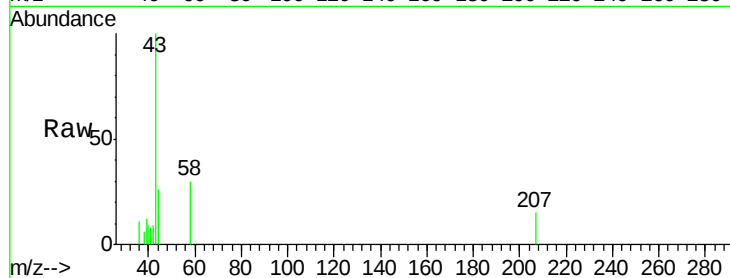




#16
Acetone
Concen: 10.660 ug/l
RT: 4.17 min Scan# 423
Delta R.T. 0.02 min
Lab File: VW003655.D
Acq: 29 Jun 2018 12:47

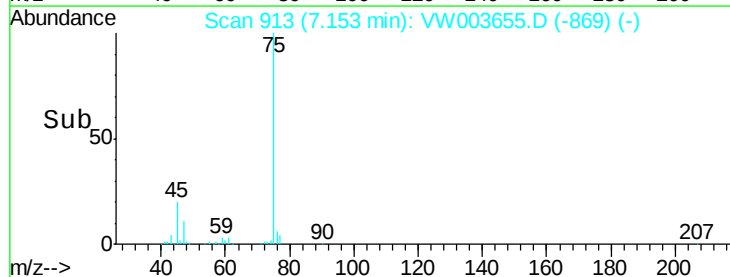
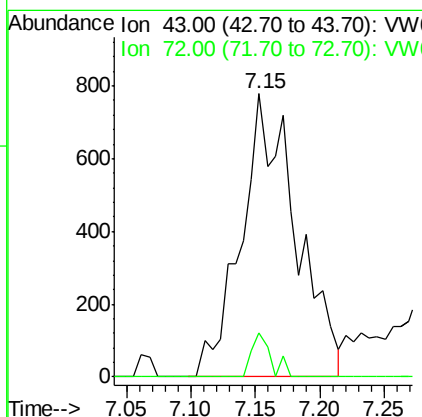
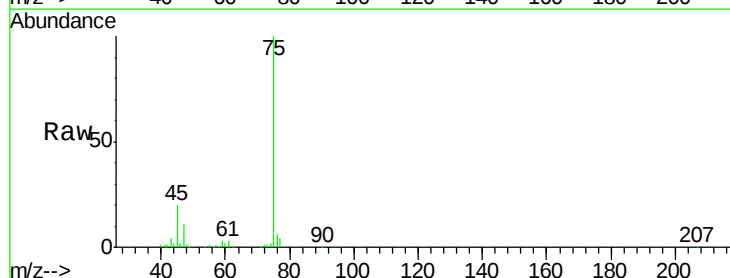
Instrument :
MSVOA_W
ClientSampled :

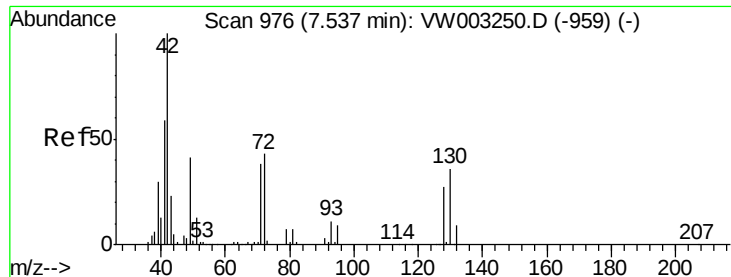
Tot Ion: 43 Resp: 4949
Ion Ratio Lower Upper
43 100
58 30.2 22.6 34.0



#25
2-Butanone
Concen: 3.991 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW003655.D
Acq: 29 Jun 2018 12:47

Tgt Ion: 43 Resp: 2304
Ion Ratio Lower Upper
43 100
72 15.7 20.3 30.5#

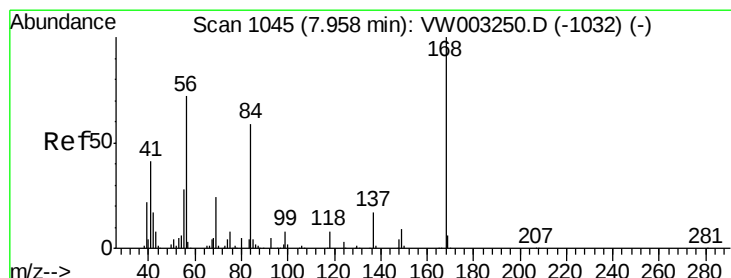
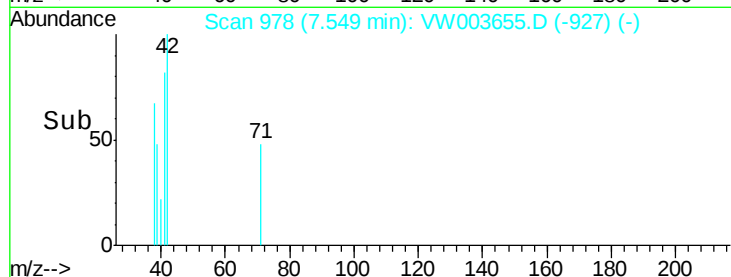
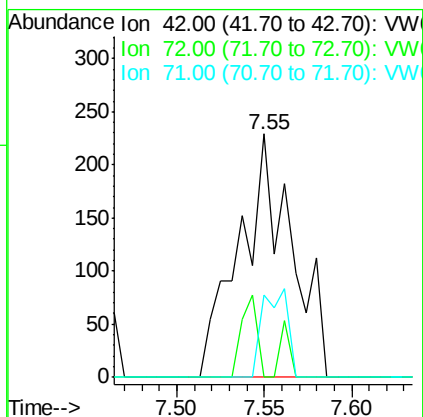
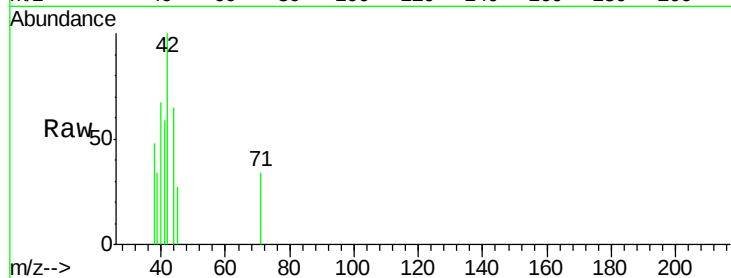




#29
Tetrahydrofuran
Concen: 1.338 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003655.D
Acq: 29 Jun 2018 12:47

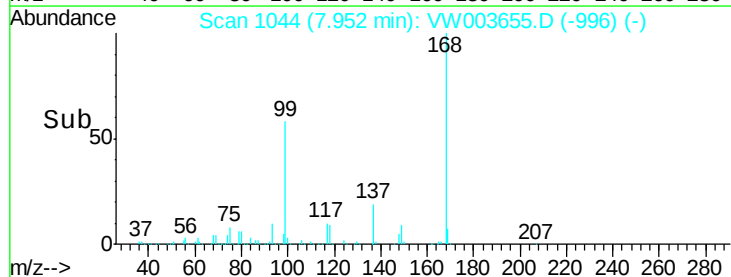
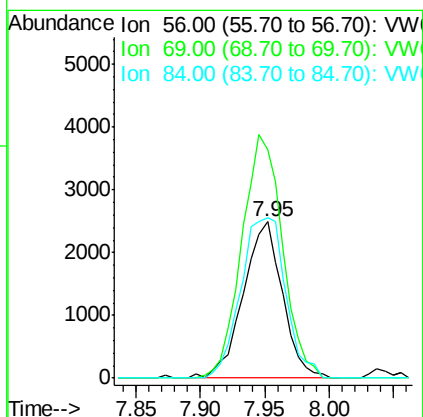
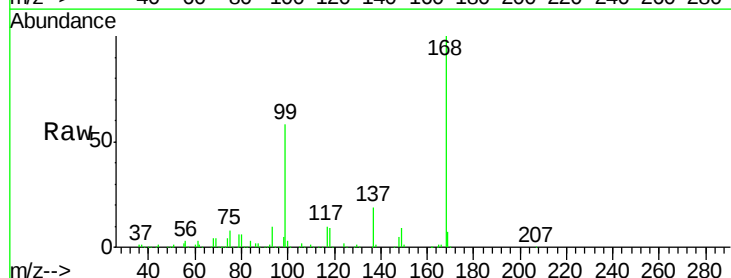
Instrument :
MSVOA_W
ClientSampleId :

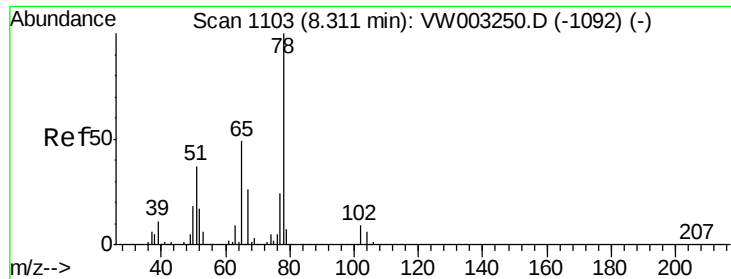
Tot Ion: 42 Resp: 472
Ion Ratio Lower Upper
42 100
72 10.4 32.4 48.6#
71 0.0 31.2 46.8#



#31
Cyclohexane
Concen: 1.460 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003655.D
Acq: 29 Jun 2018 12:47

Tgt Ion: 56 Resp: 5224
Ion Ratio Lower Upper
56 100
69 146.4 26.3 39.5#
84 102.6 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 57.987 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW003655.D

Acq: 29 Jun 2018 12:47

Instrument :

MSVOA_W

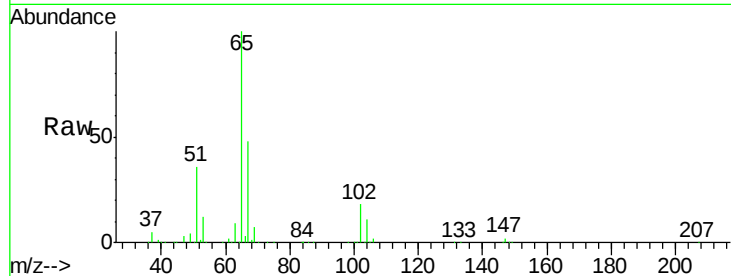
ClientSampleId :

Tot Ion: 65 Resp: 128360

Ion Ratio Lower Upper

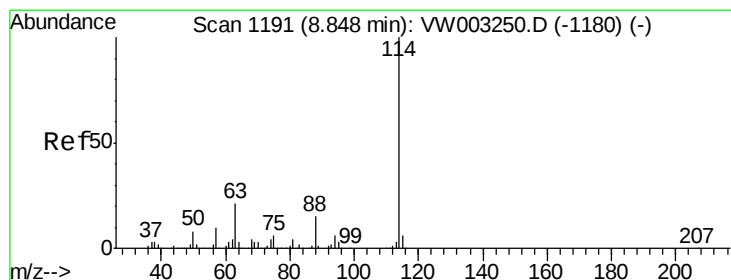
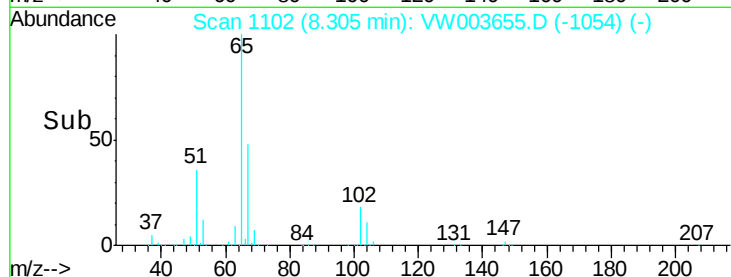
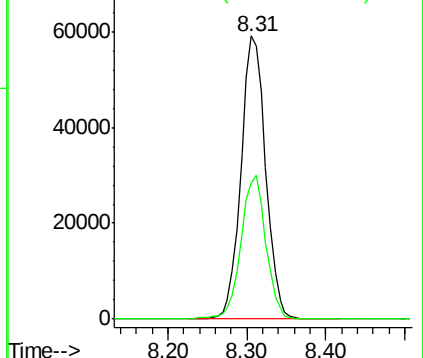
65 100

67 51.6 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: VW003655.D

Acq: 29 Jun 2018 12:47

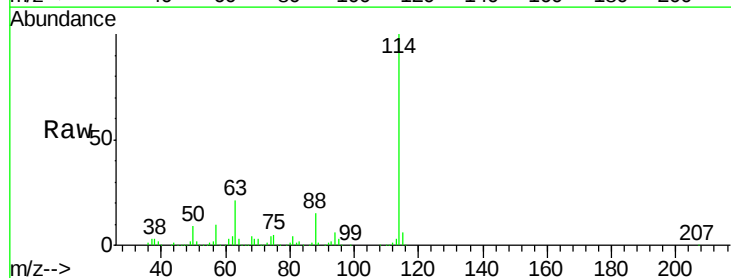
Tgt Ion: 114 Resp: 333682

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

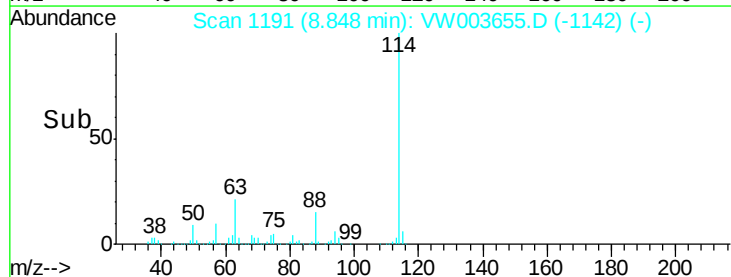
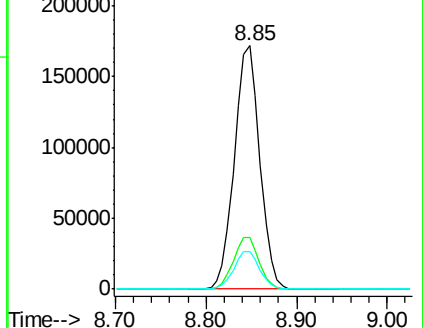
88 15.4 0.0 29.6

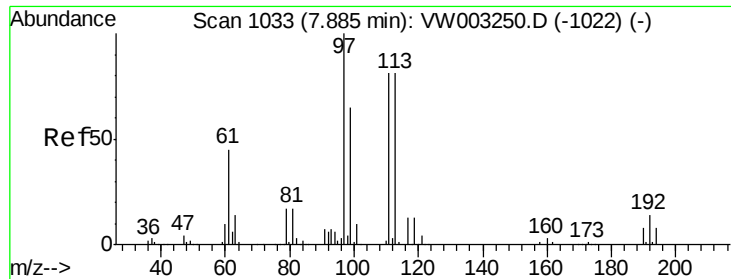


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

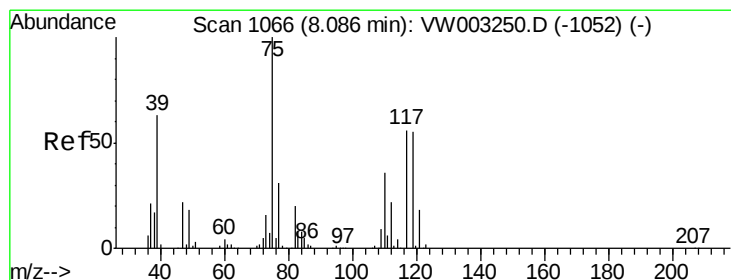
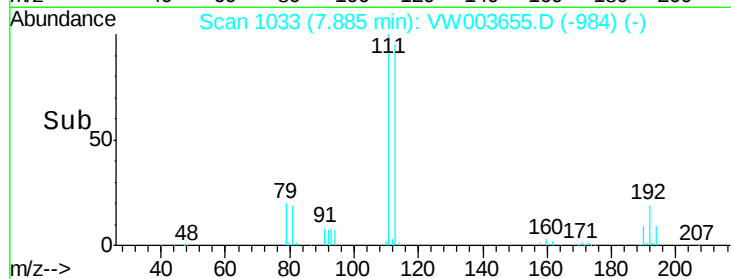
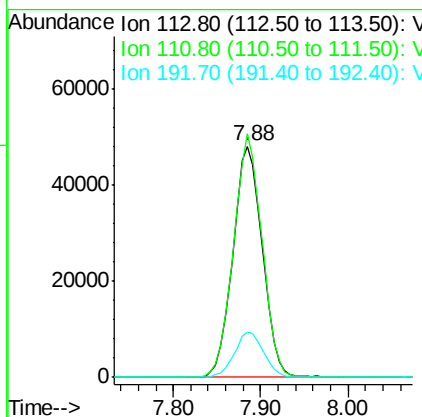
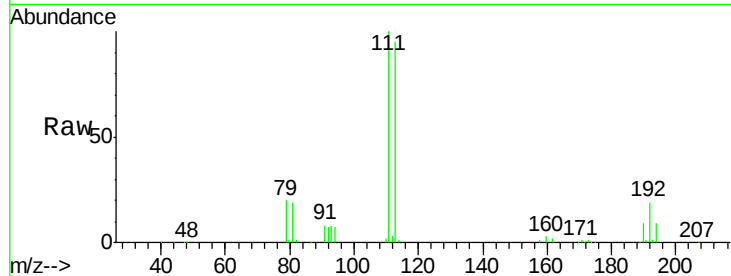




#35
 Dibromofluoromethane
 Concen: 54.134 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003655.D
 Acq: 29 Jun 2018 12:47

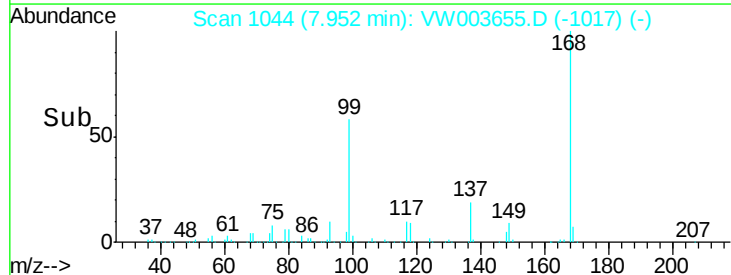
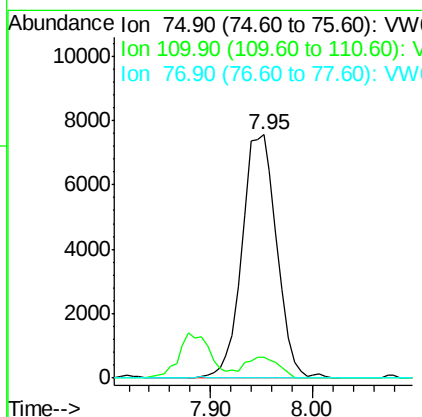
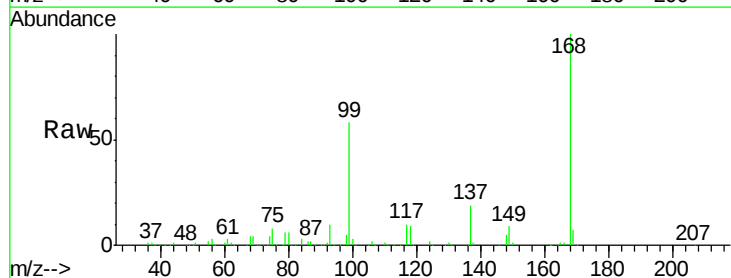
Instrument :
 MSVOA_W
 ClientSampleId :

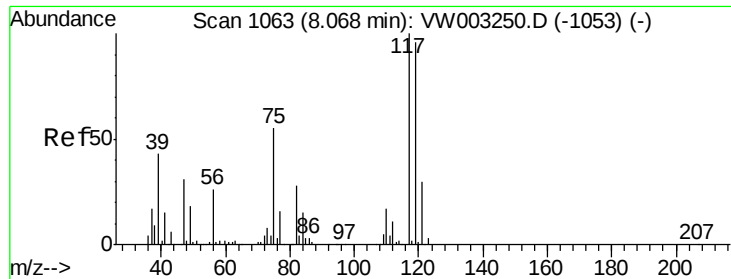
Tot Ion:113 Resp: 112241
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.546 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003655.D
 Acq: 29 Jun 2018 12:47

Tgt Ion: 75 Resp: 17873
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.1 51.3#
 77 0.0 24.9 37.3#

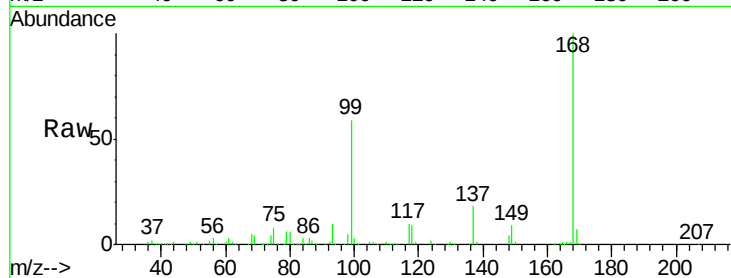




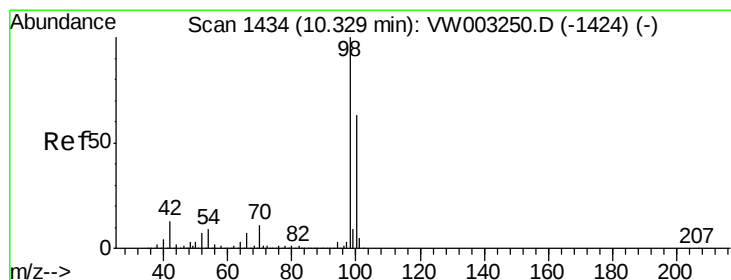
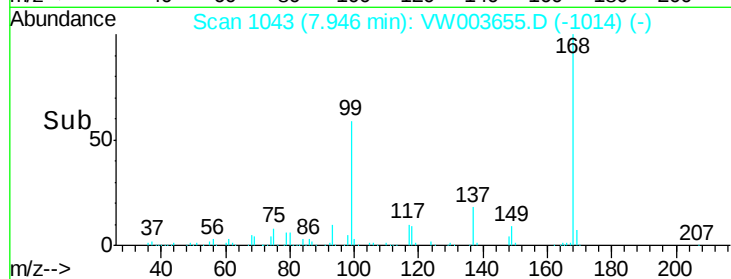
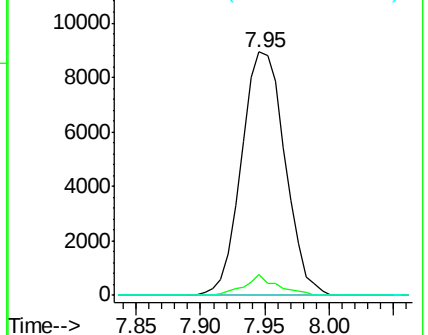
#38
Carbon Tetrachloride
Concen: 6.602 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003655.D
Acq: 29 Jun 2018 12:47

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 20869
Ion Ratio Lower Upper
117 100
119 8.7 76.6 115.0#
121 0.0 23.9 35.9#

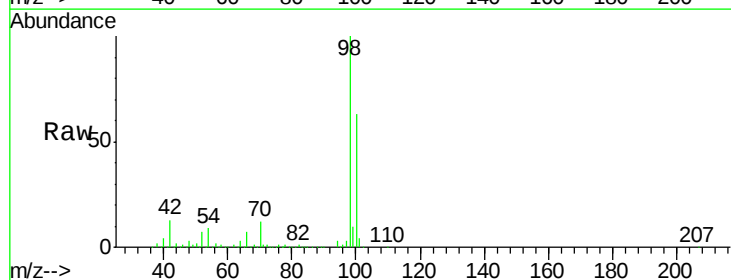


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

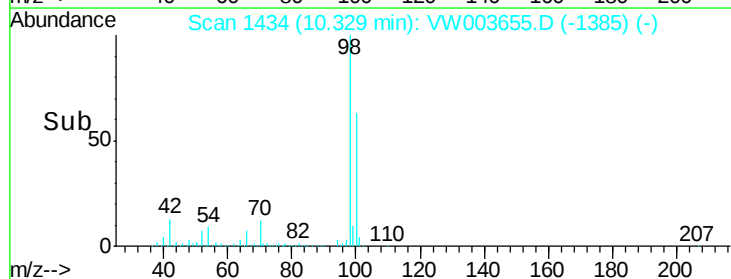
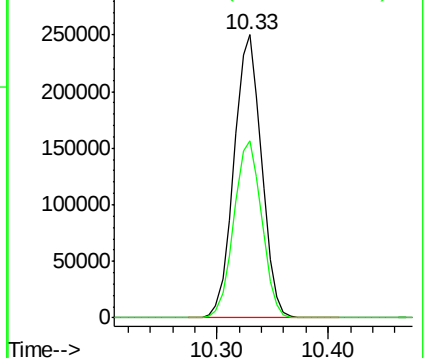


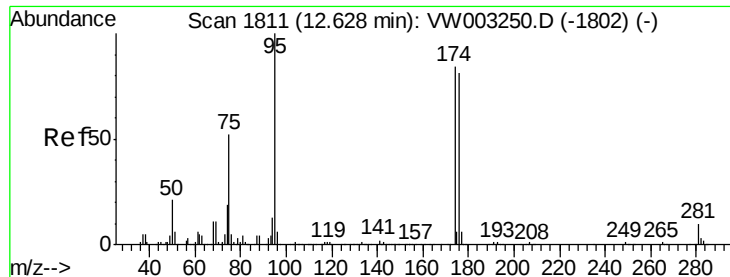
#50
Toluene-d8
Concen: 51.972 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003655.D
Acq: 29 Jun 2018 12:47

Tgt Ion: 98 Resp: 427286
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

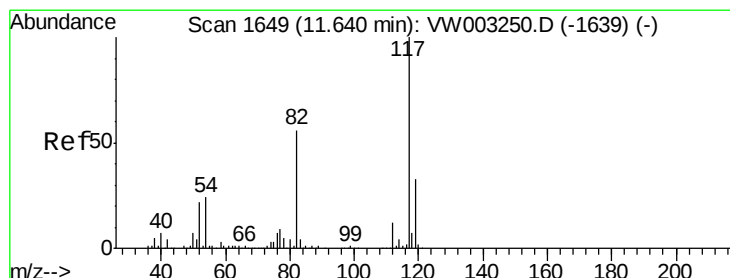
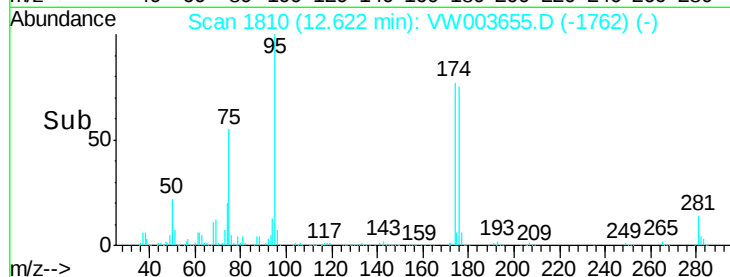
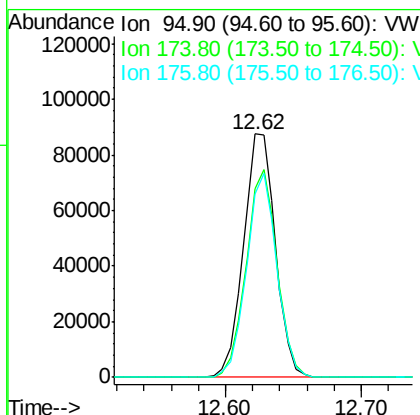
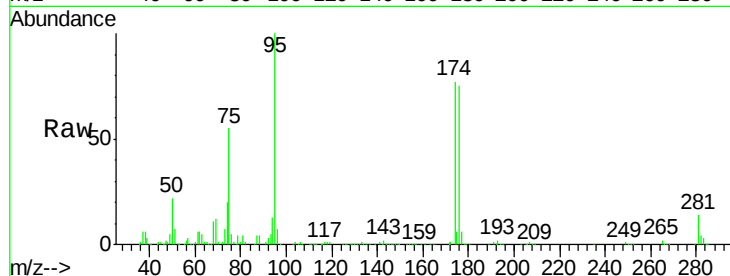




#62
4-Bromofluorobenzene
Concen: 49.324 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003655.D
Acq: 29 Jun 2018 12:47

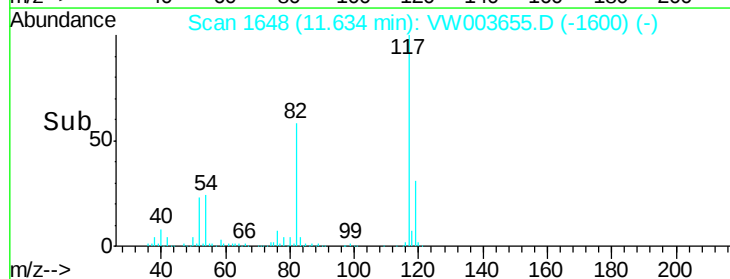
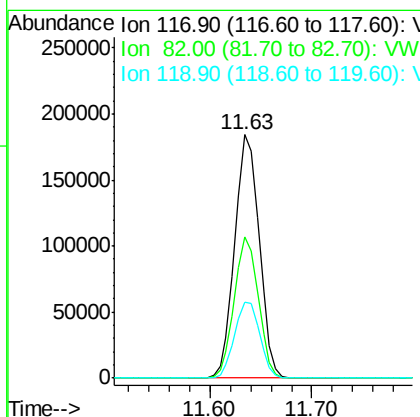
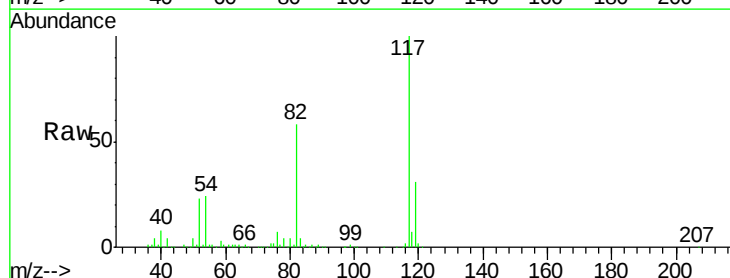
Instrument :
MSVOA_W
ClientSampleId :

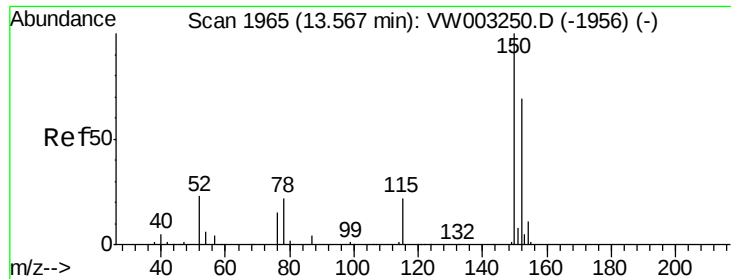
Tot Ion	95	Resp	143510
Ion Ratio	Lower	Upper	
95	100		
174	82.7	0.0	166.4
176	79.6	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003655.D
Acq: 29 Jun 2018 12:47

Tgt Ion	117	Resp	305928
Ion Ratio	Lower	Upper	
117	100		
82	58.1	44.6	67.0
119	31.5	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: VW003655.D

Acq: 29 Jun 2018 12:47

Instrument :

MSVOA_W

ClientSampleId :

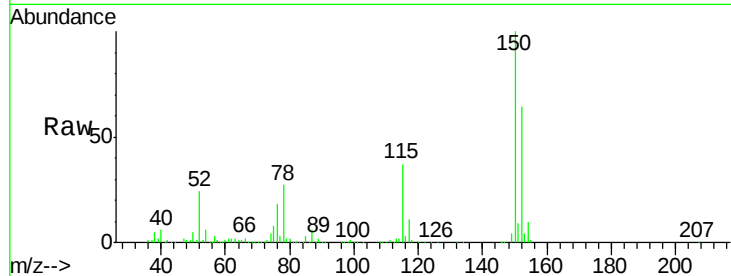
Tot Ion:152 Resp: 148416

Ion Ratio Lower Upper

152 100

115 58.6 29.3 88.0

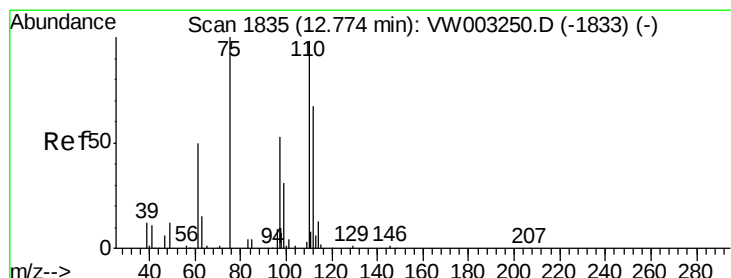
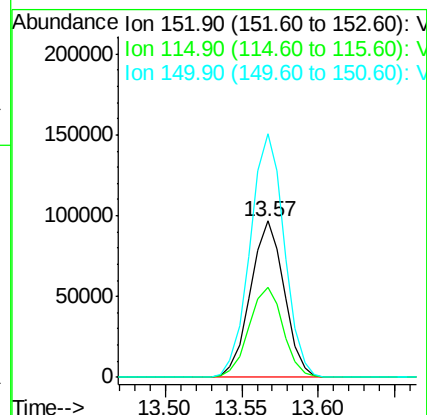
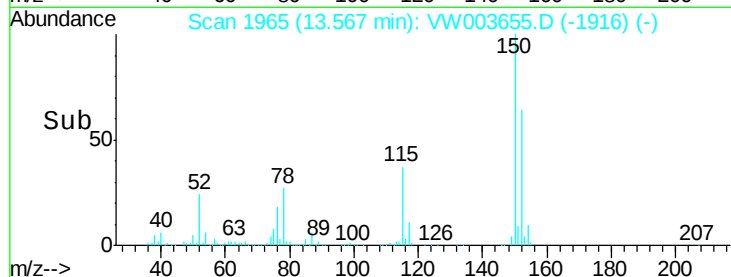
150 157.7 0.0 349.6



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: 62.153 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003655.D

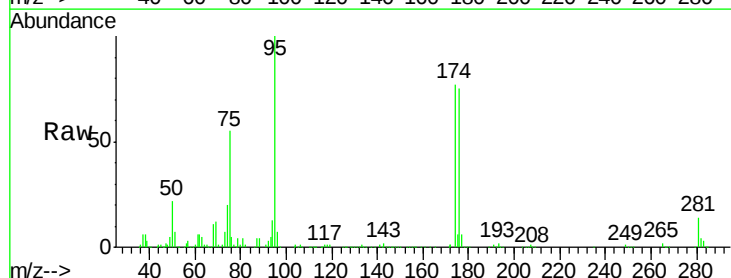
Acq: 29 Jun 2018 12:47

Tgt Ion: 75 Resp: 78859

Ion Ratio Lower Upper

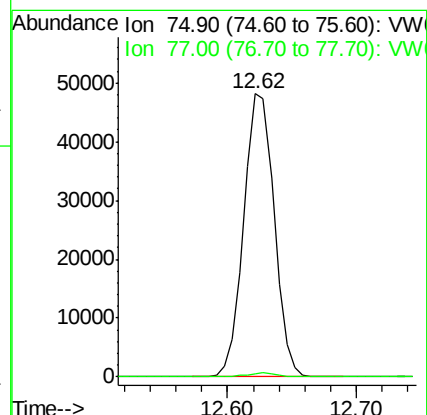
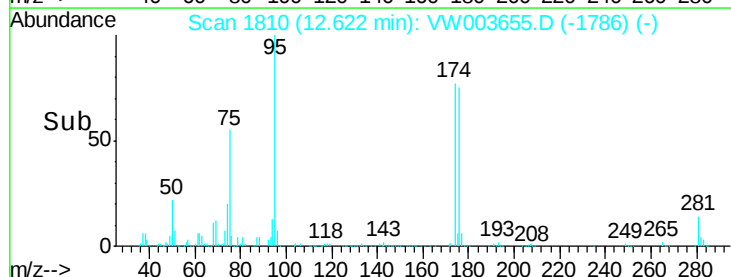
75 100

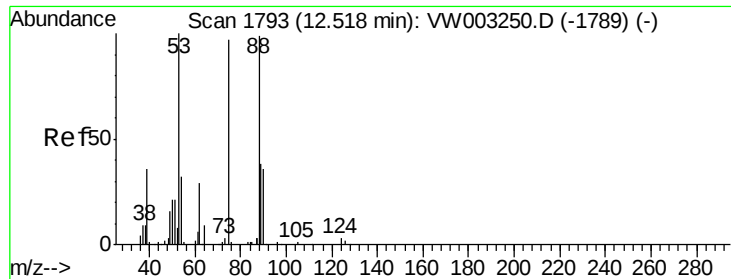
77 1.3 0.0 0.0#



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: 143.018 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003655.D

Acq: 29 Jun 2018 12:47

Instrument :

MSVOA_W

ClientSampleId :

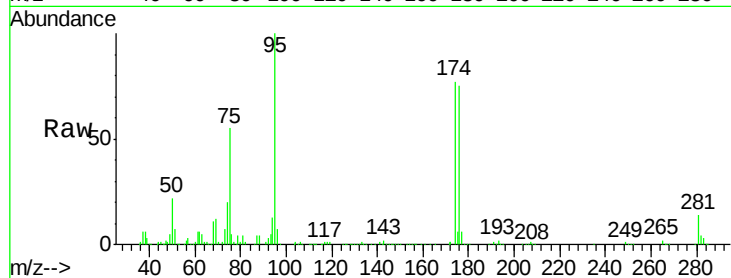
Tot Ion: 75 Resp: 78859

Ion Ratio Lower Upper

75 100

53 0.2 82.9 124.3#

89 0.2 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

