

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003615.D
 Acq On : 27 Jun 2018 15:57
 Operator : SY/AP
 Sample : J3712-02RE
 Misc : 9.92G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 05:33:10 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	119692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	199713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	172807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	62397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	62198	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.89	113	51498	41.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.00%	
50) Toluene-d8	10.33	98	147985	30.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.14%	
62) 4-Bromofluorobenzene	12.63	95	45001	25.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.68%	

Target Compounds

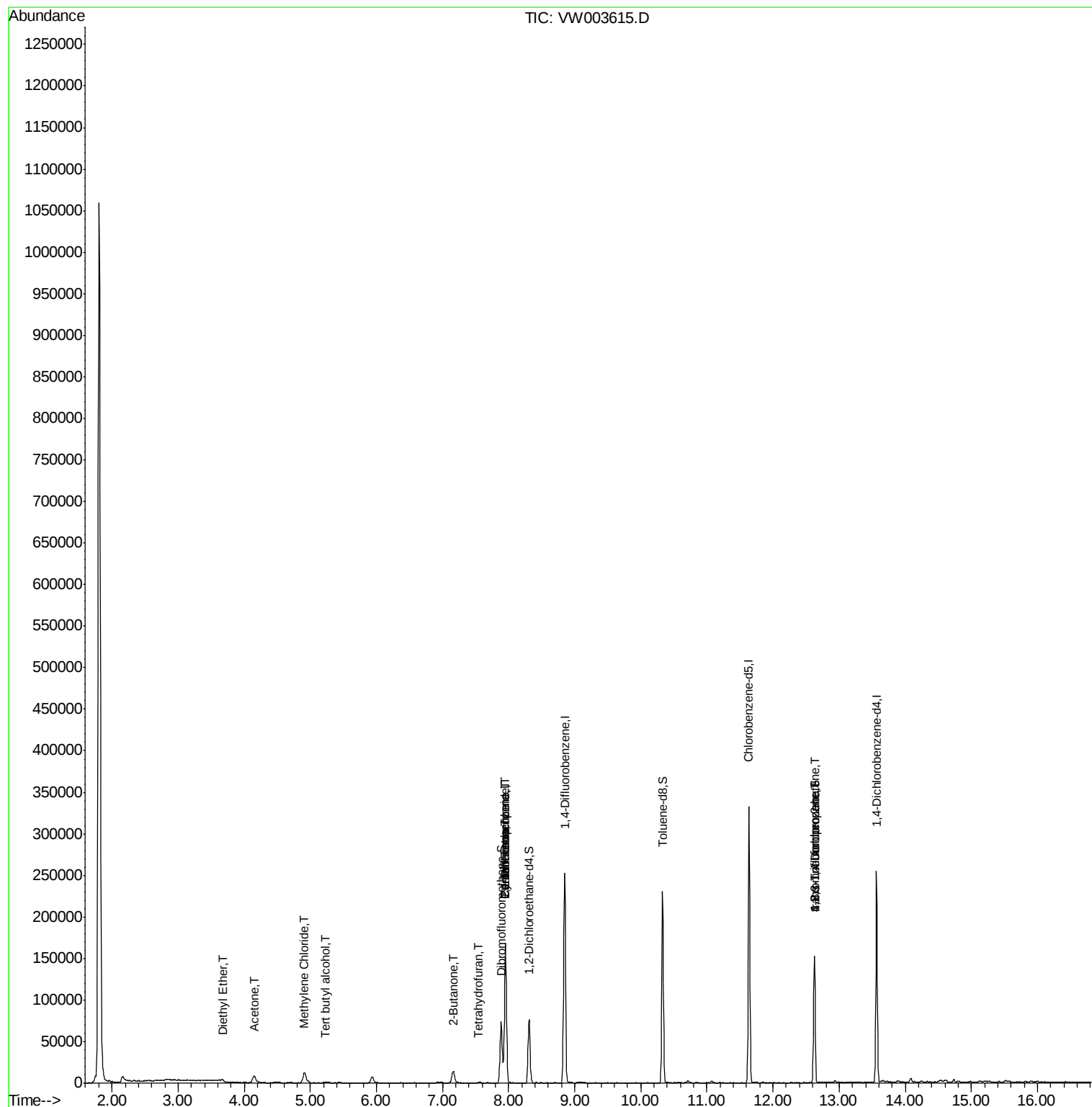
						Qvalue
8) Diethyl Ether	3.68	74	867	1.478	ug/l #	1
11) Tert butyl alcohol	5.23	59	397	5.710	ug/l #	84
16) Acetone	4.15	43	17602	64.736	ug/l	96
20) Methylene Chloride	4.91	84	8935	4.387	ug/l	91
25) 2-Butanone	7.16	43	1110	3.283	ug/l #	50
29) Tetrahydrofuran	7.55	42	523	2.531	ug/l #	63
31) Cyclohexane	7.95	56	3145	1.501	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	9806	5.084	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12636	6.679	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	25458	47.726	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	25458	109.820	ug/l #	9

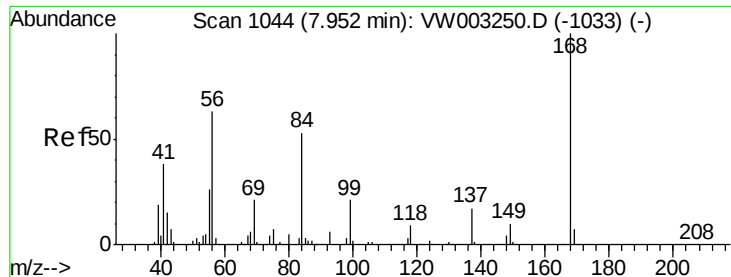
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
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ClientSampleId :

Quant Time: Jun 28 05:33:10 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: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Instrument :

MSVOA_W

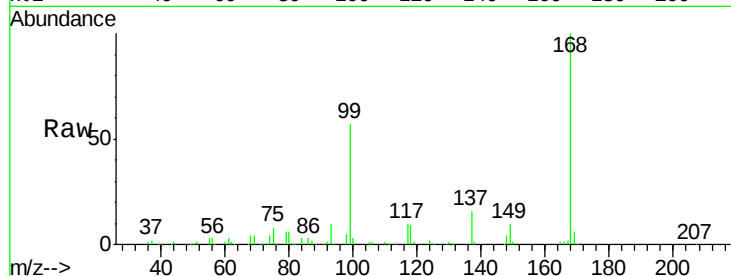
ClientSampled :

Tot Ion:168 Resp: 119692

Ion Ratio Lower Upper

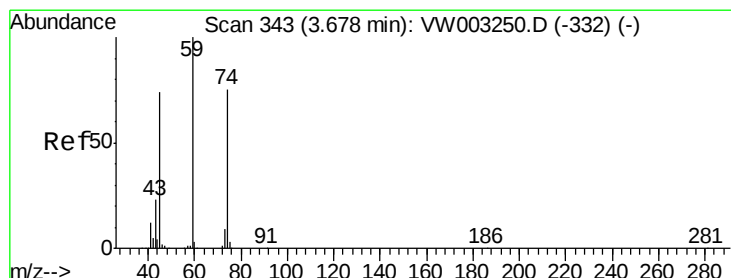
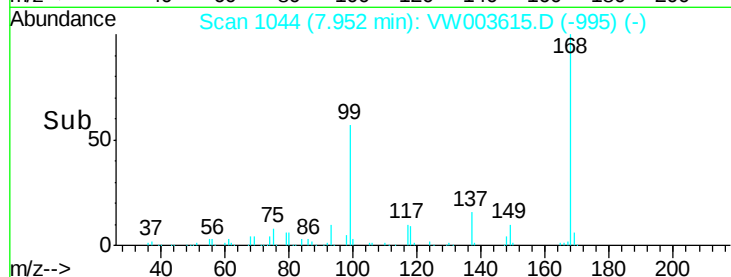
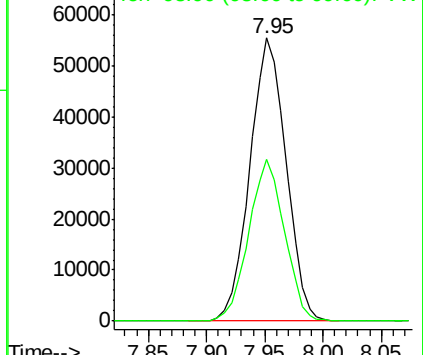
168 100

99 57.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.478 ug/l

RT: 3.68 min Scan# 344

Delta R.T. 0.01 min

Lab File: VW003615.D

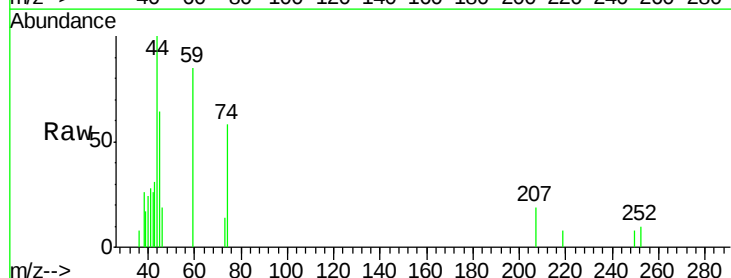
Acq: 27 Jun 2018 15:57

Tgt Ion: 74 Resp: 867

Ion Ratio Lower Upper

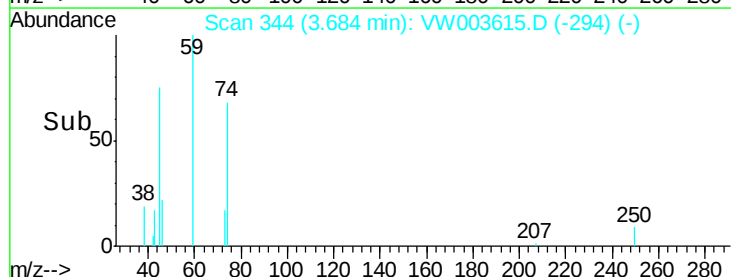
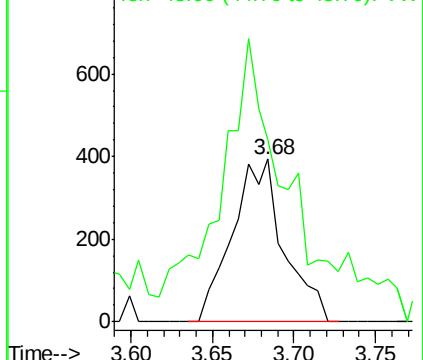
74 100

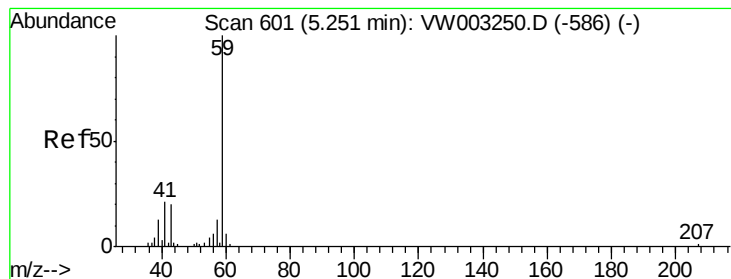
45 246.6 51.4 154.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



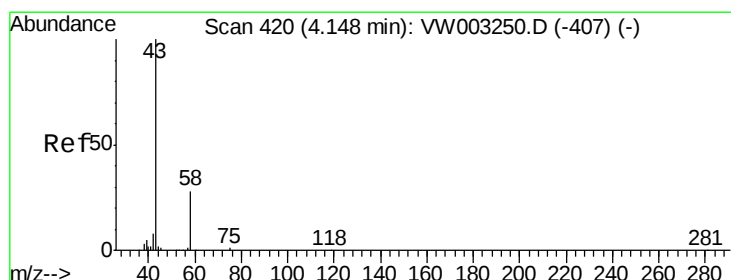
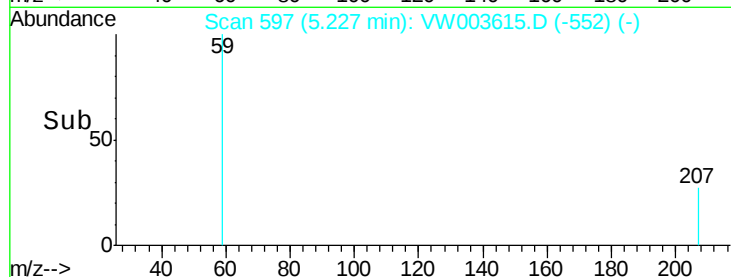
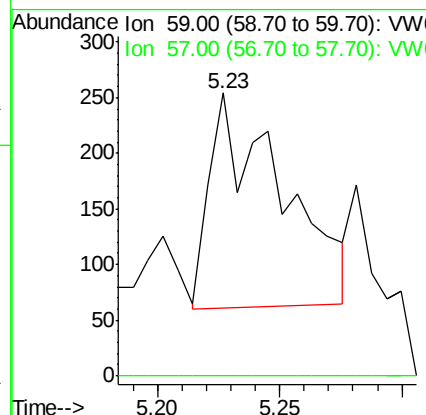
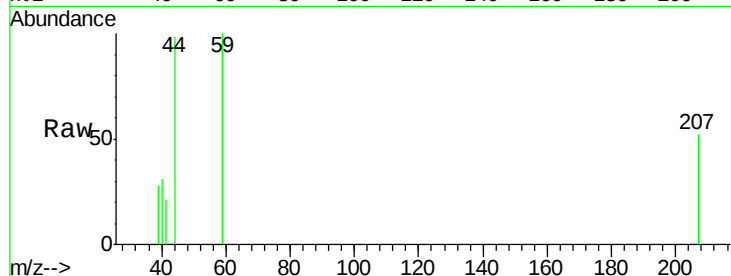


#11

Tert butvl alcohol
 Concen: 5.710 ug/l
 RT: 5.23 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: VW003615.D
 Acq: 27 Jun 2018 15:57

Instrument :
 MSVOA_W
 ClientSampled :

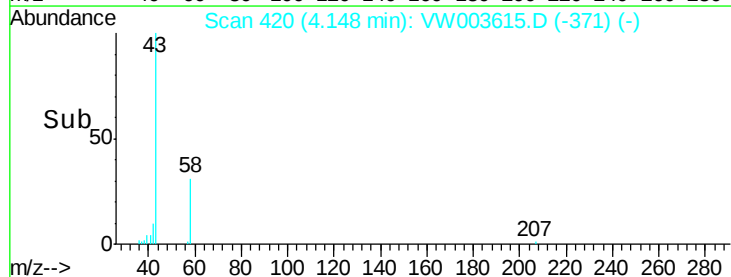
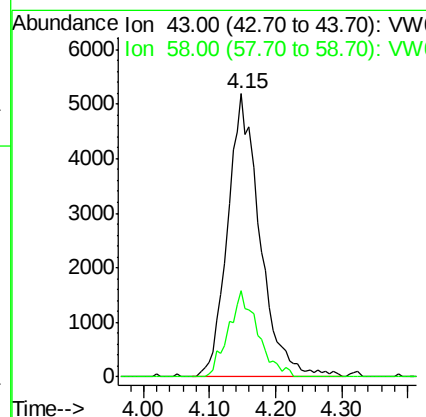
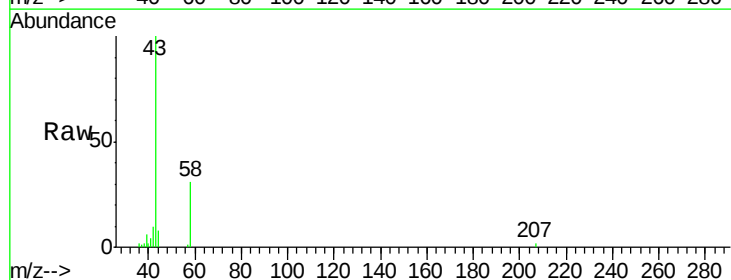
Tot Ion: 59 Resp: 397
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

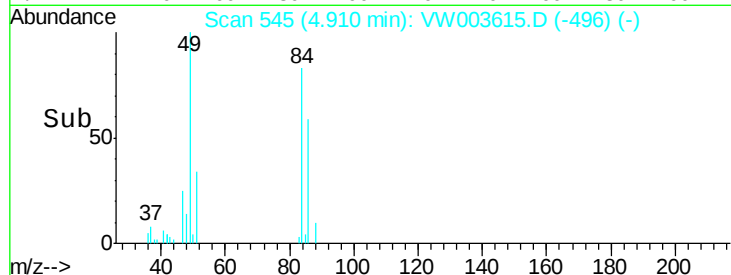
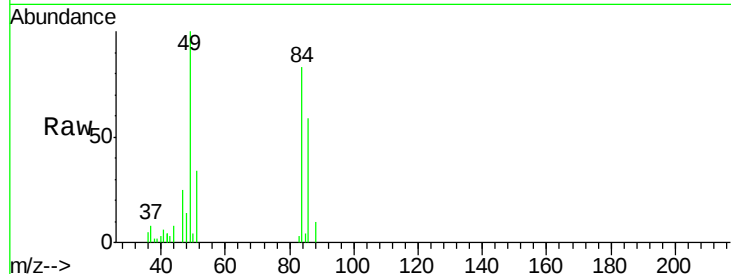
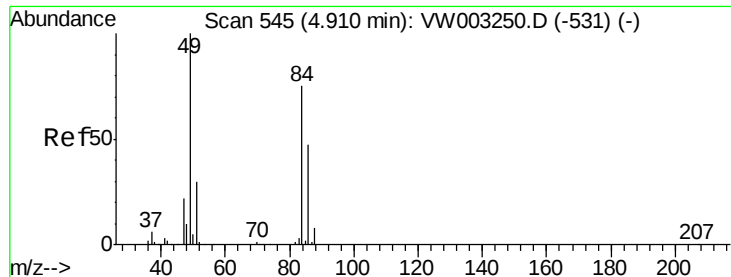


#16

Acetone
 Concen: 64.736 ug/l
 RT: 4.15 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: VW003615.D
 Acq: 27 Jun 2018 15:57

Tgt Ion: 43 Resp: 17602
 Ion Ratio Lower Upper
 43 100
 58 30.5 22.6 34.0

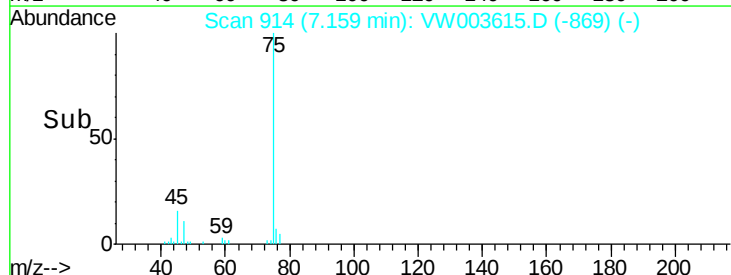
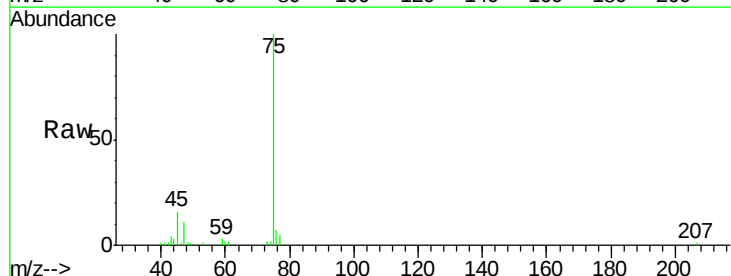
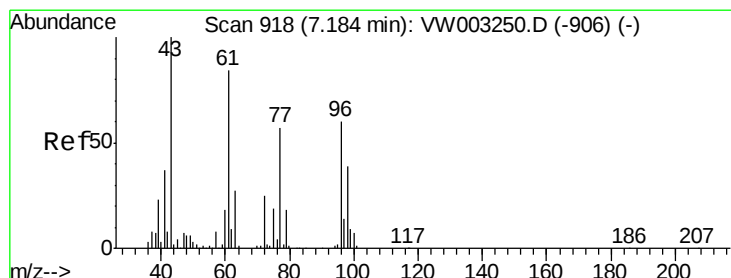
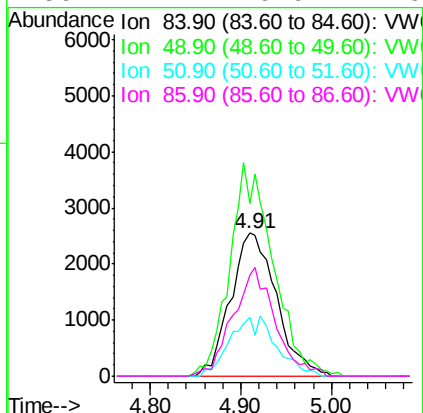




#20
Methvlene Chloride
Concen: 4.387 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003615.D
Acq: 27 Jun 2018 15:57

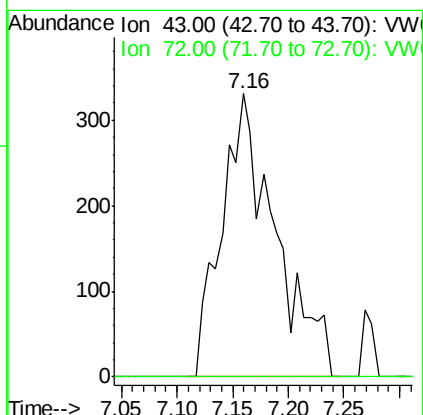
Instrument :
MSVOA_W
ClientSampleId :

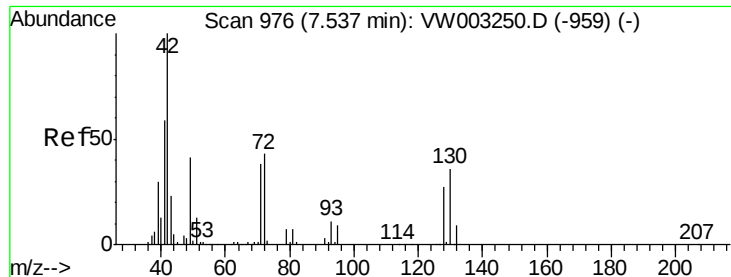
Tot Ion	84	Resp	8935
Ion	Ratio	Lower	Upper
84	100		
49	121.2	106.3	159.5
51	41.3	32.0	48.0
86	71.2	49.9	74.9



#25
2-Butanone
Concen: 3.283 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW003615.D
Acq: 27 Jun 2018 15:57

Tgt Ion	43	Resp	1110
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5#





#29

Tetrahydrofuran

Concen: 2.531 ug/l

RT: 7.55 min Scan# 978

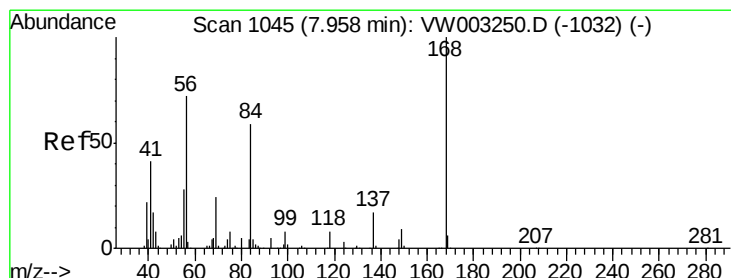
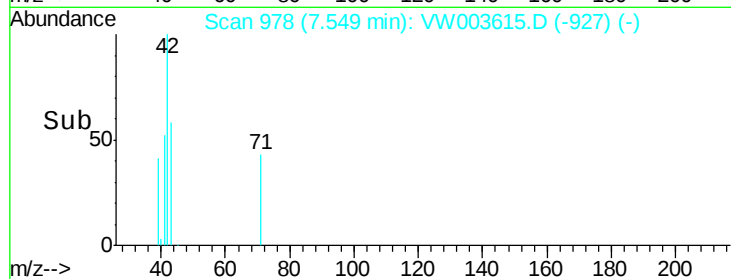
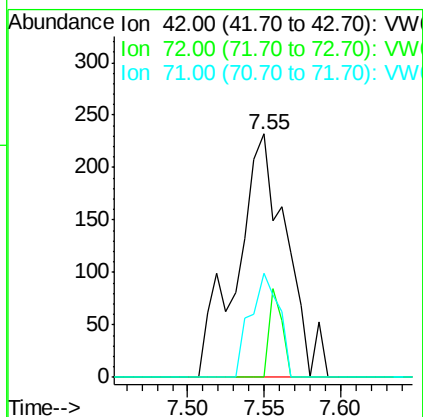
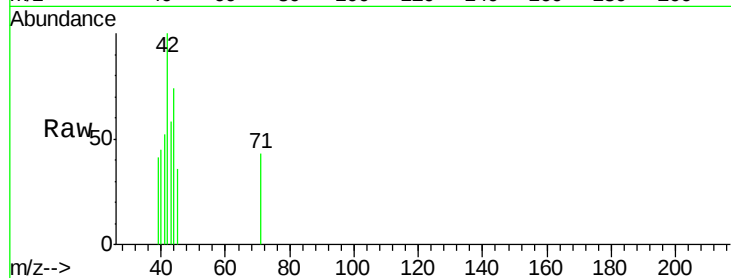
Delta R.T. 0.01 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	42	Resp:	523
Ion	Ratio	Lower	Upper
42	100		
72	9.6	32.4	48.6#
71	24.9	31.2	46.8#



#31

Cyclohexane

Concen: 1.501 ug/l

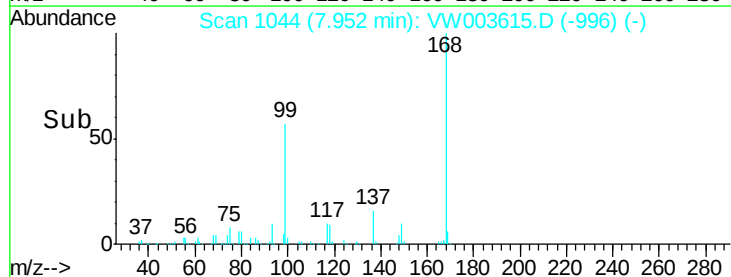
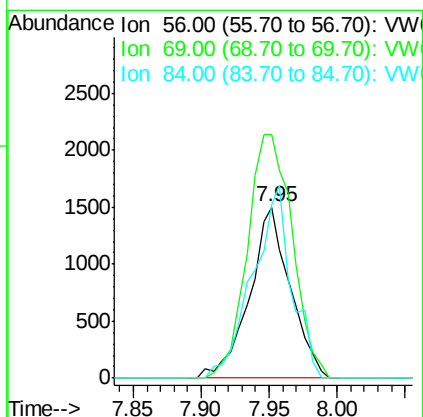
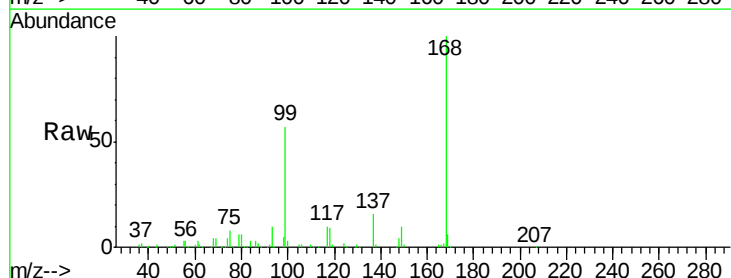
RT: 7.95 min Scan# 1044

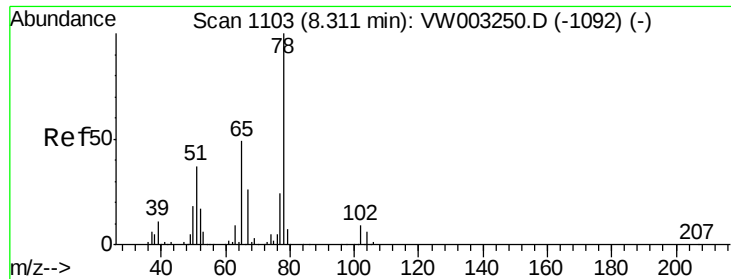
Delta R.T. -0.01 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Tgt Ion:	56	Resp:	3145
Ion	Ratio	Lower	Upper
56	100		
69	142.4	26.3	39.5#
84	101.6	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 47.976 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Instrument :

MSVOA_W

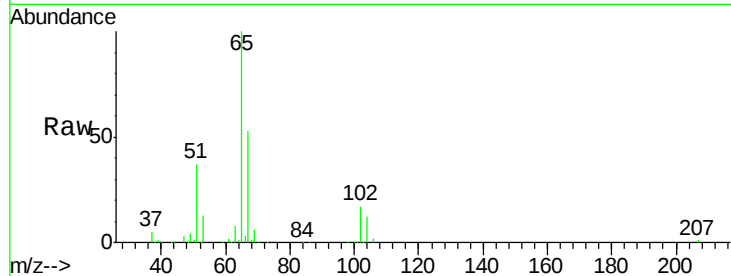
ClientSampleId :

Tot Ion: 65 Resp: 62198

Ion Ratio Lower Upper

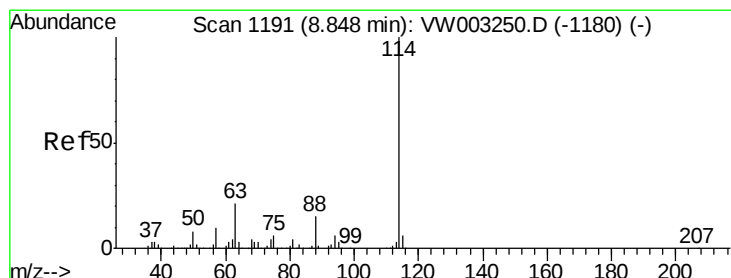
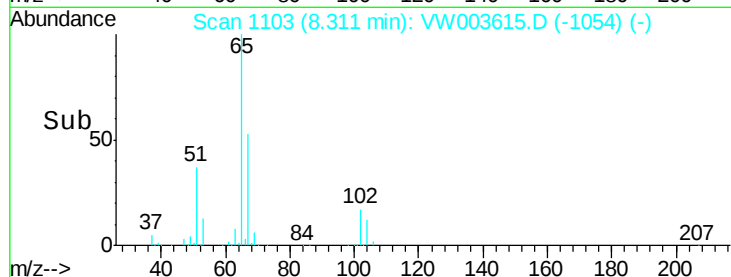
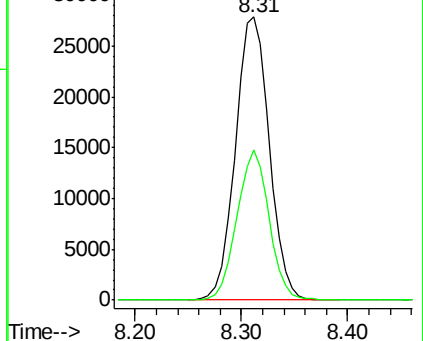
65 100

67 50.3 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: VW003615.D

Acq: 27 Jun 2018 15:57

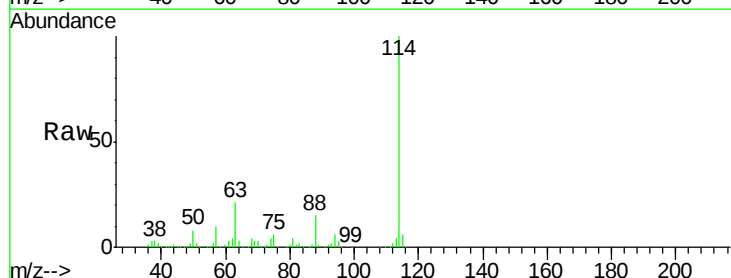
Tgt Ion: 114 Resp: 199713

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

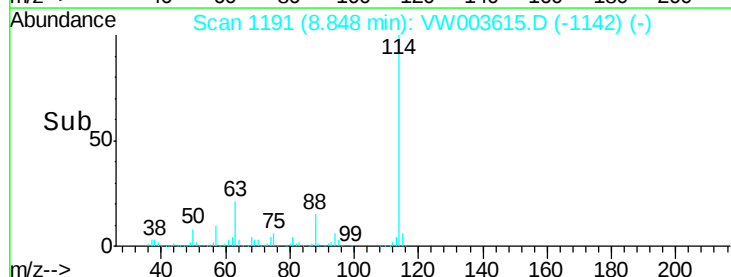
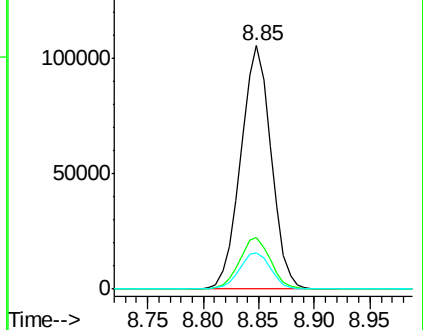
88 15.1 0.0 29.6

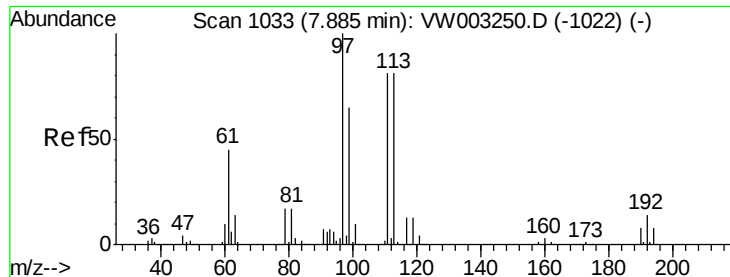


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

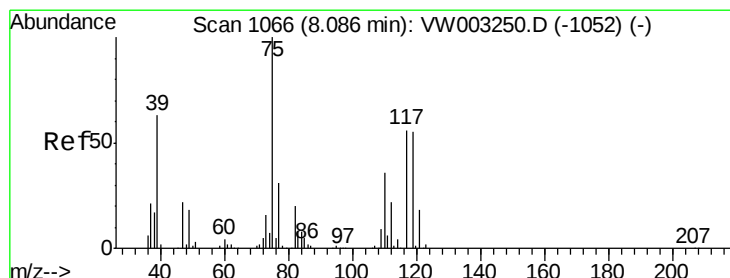
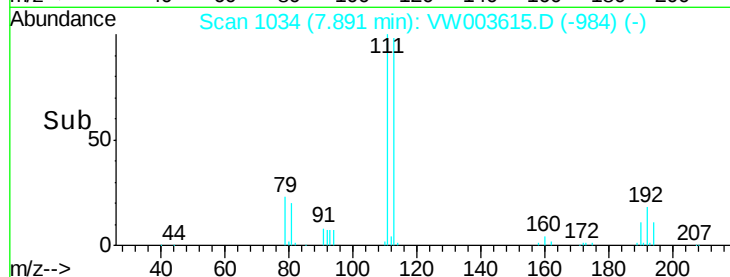
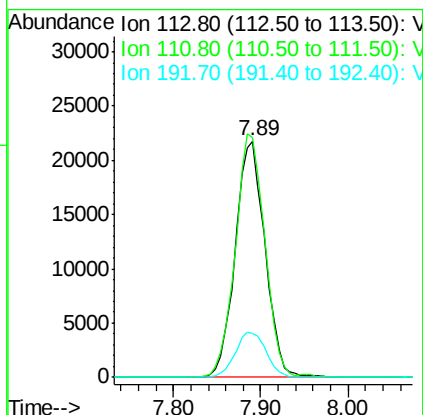
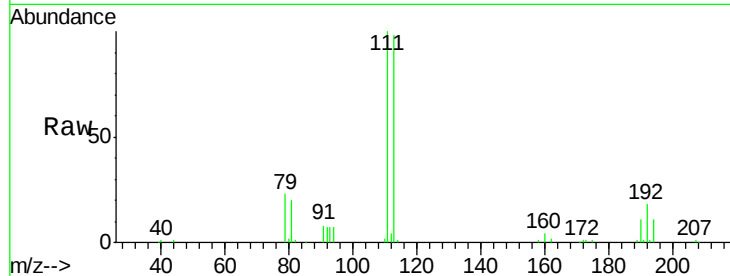




#35
 Dibromofluoromethane
 Concen: 41.499 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003615.D
 Acq: 27 Jun 2018 15:57

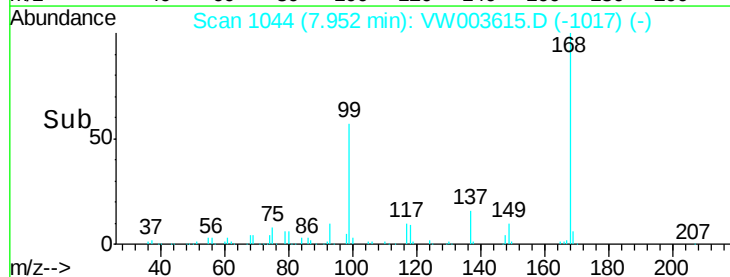
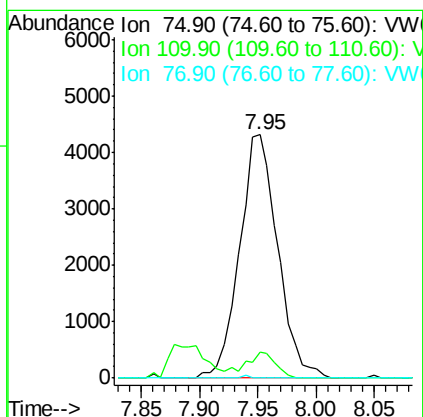
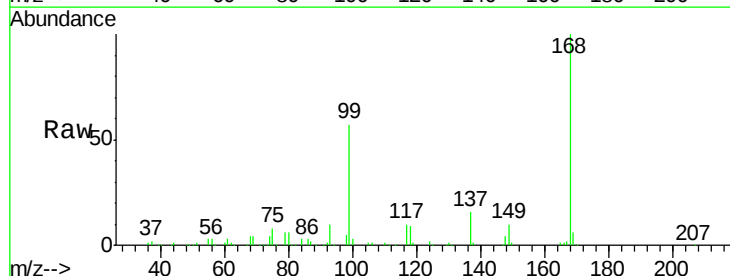
Instrument :
 MSVOA_W
 ClientSampleId :

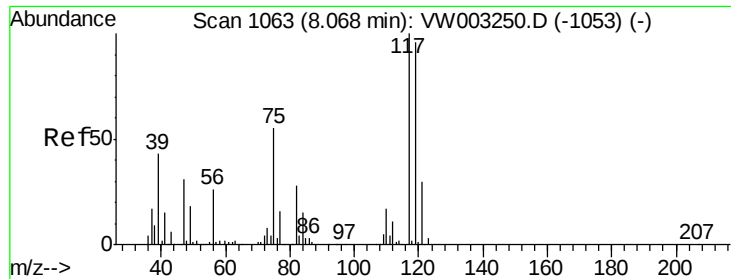
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	19.7	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.084 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003615.D
 Acq: 27 Jun 2018 15:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.3#
77	0.2	24.9	37.3#

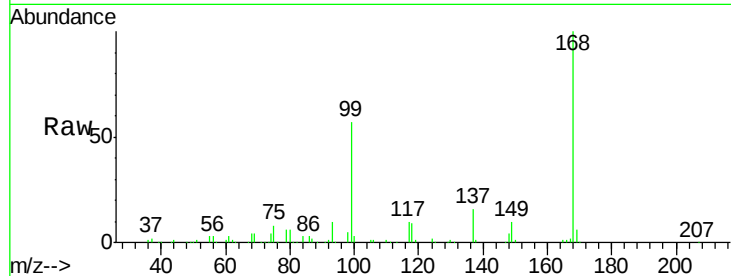




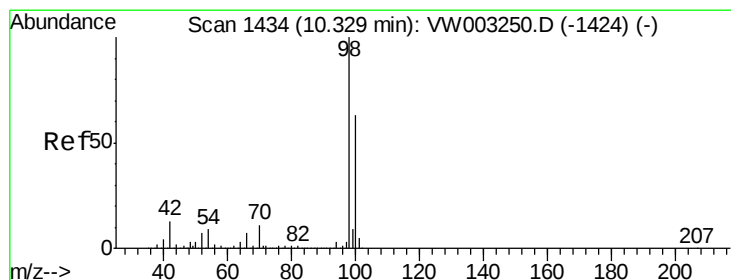
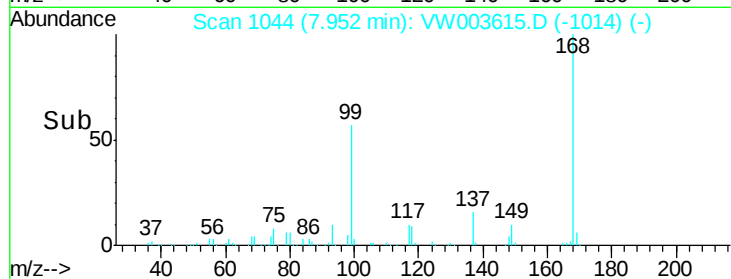
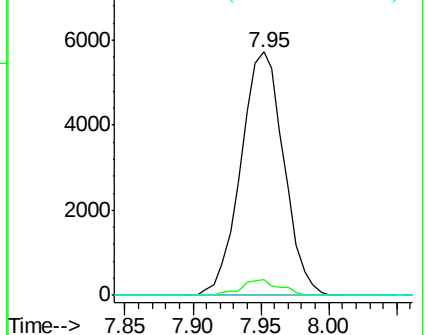
#38
Carbon Tetrachloride
Concen: 6.679 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003615.D
Acq: 27 Jun 2018 15:57

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 12636
Ion Ratio Lower Upper
117 100
119 6.7 76.6 115.0#
121 0.0 23.9 35.9#

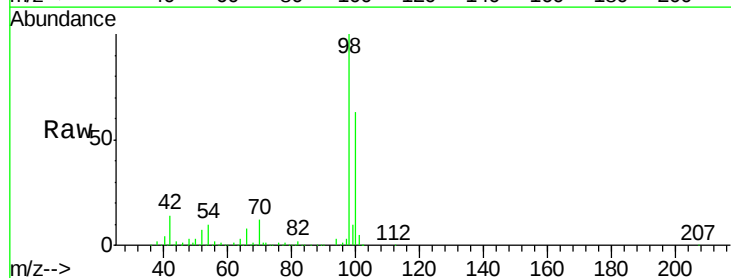


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

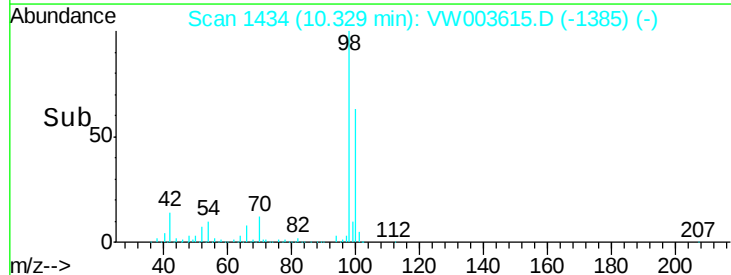
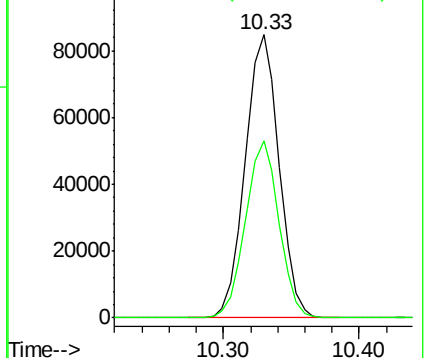


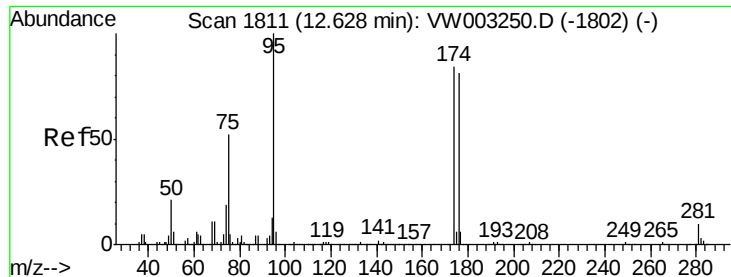
#50
Toluene-d8
Concen: 30.074 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003615.D
Acq: 27 Jun 2018 15:57

Tgt Ion: 98 Resp: 147985
Ion Ratio Lower Upper
98 100
100 61.9 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: 25.842 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Instrument :

MSVOA_W

ClientSampleId :

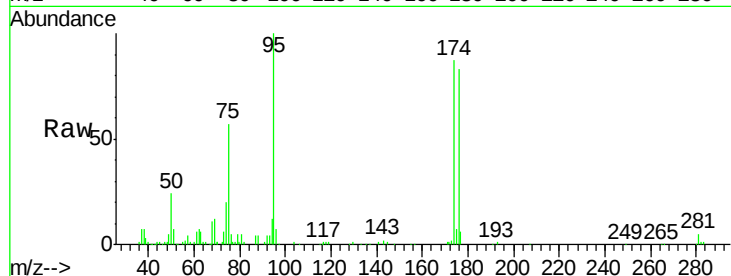
Tot Ion: 95 Resp: 45001

Ion Ratio Lower Upper

95 100

174 84.3 0.0 166.4

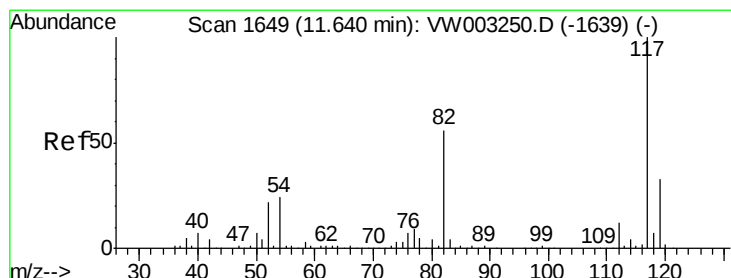
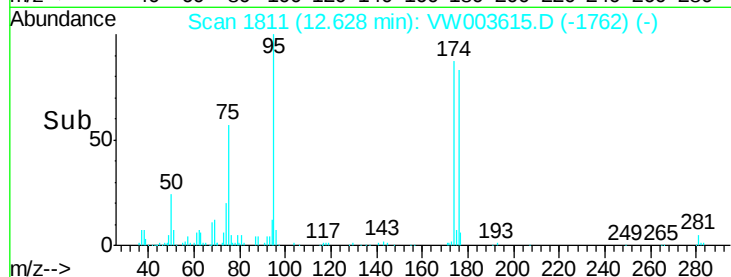
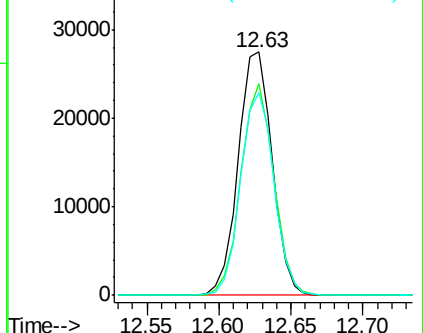
176 81.4 0.0 162.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

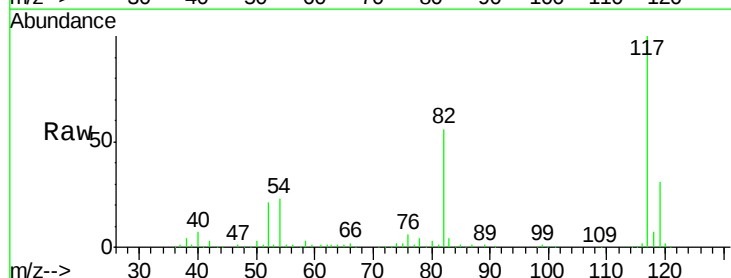
Tgt Ion: 117 Resp: 172807

Ion Ratio Lower Upper

117 100

82 56.2 44.6 67.0

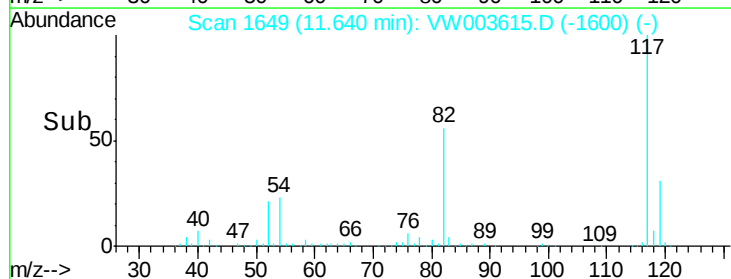
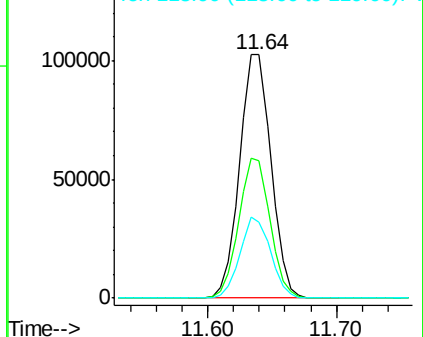
119 31.3 26.7 40.1

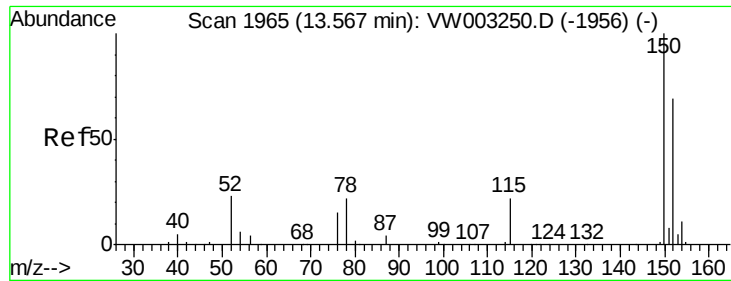


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Instrument :

MSVOA_W

ClientSampled :

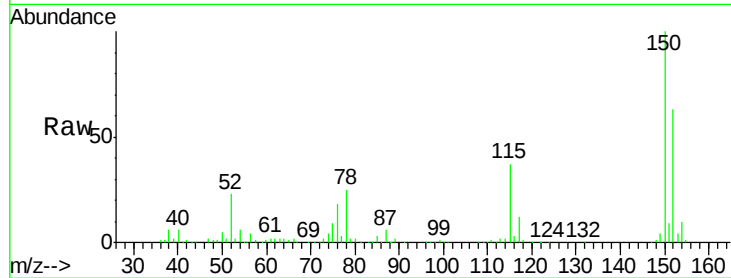
Tot Ion:152 Resp: 62397

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

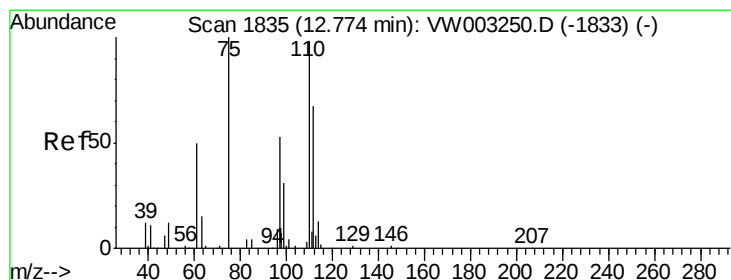
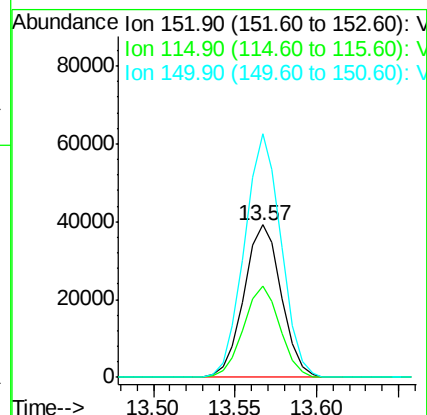
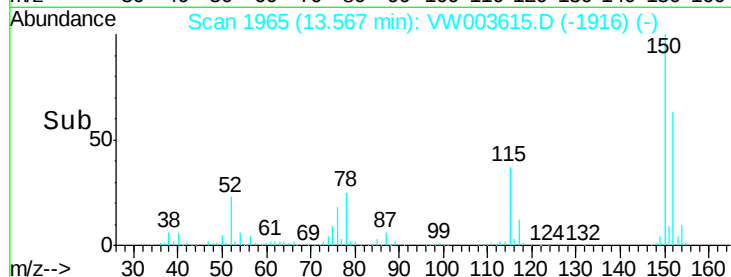
150 156.8 0.0 349.6



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: 47.726 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003615.D

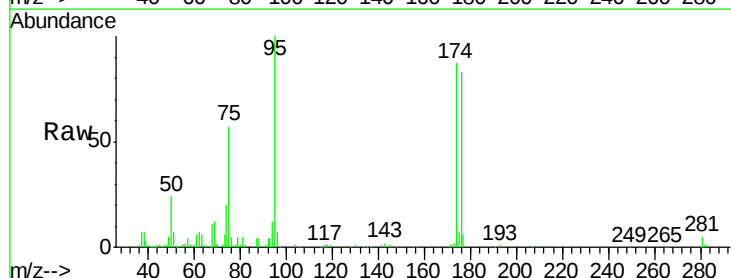
Acq: 27 Jun 2018 15:57

Tgt Ion: 75 Resp: 25458

Ion Ratio Lower Upper

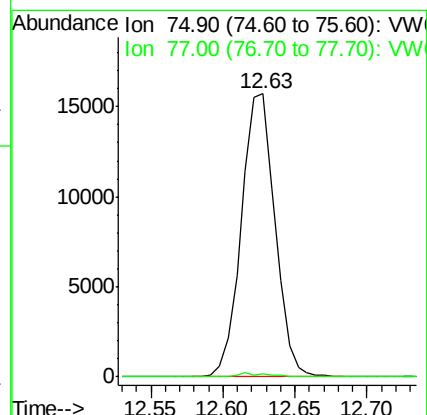
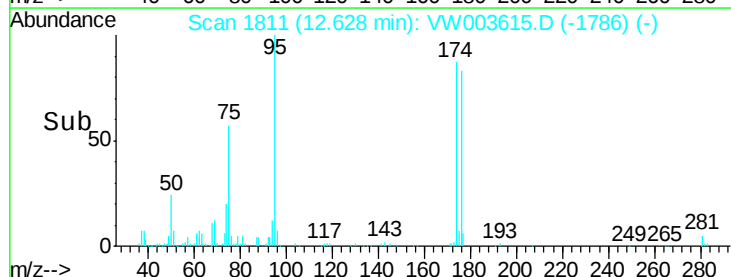
75 100

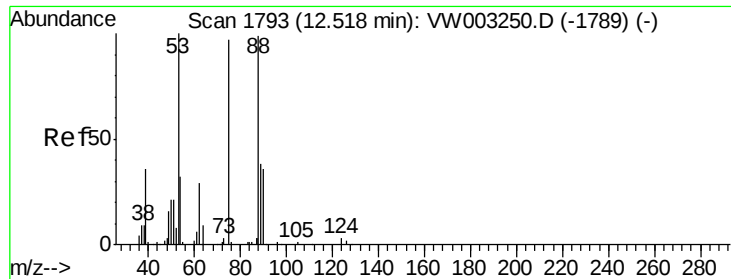
77 1.3 0.0 0.0#



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: 109.820 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 25458

Ion Ratio Lower Upper

75 100

53 0.4 82.9 124.3#

89 0.0 36.7 55.1#

