

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062718\
 Data File : VW003601.D
 Acq On : 27 Jun 2018 06:07
 Operator : SY/AP
 Sample : J3629-02
 Misc : 7.46G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C2-02

Quant Time: Jun 27 07:58:51 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	99347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	167967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	157125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	70677	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	56586	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
35) Dibromofluoromethane	7.89	113	47661	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	10.33	98	145157	35.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.14%	
62) 4-Bromofluorobenzene	12.62	95	49916	34.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.16%	

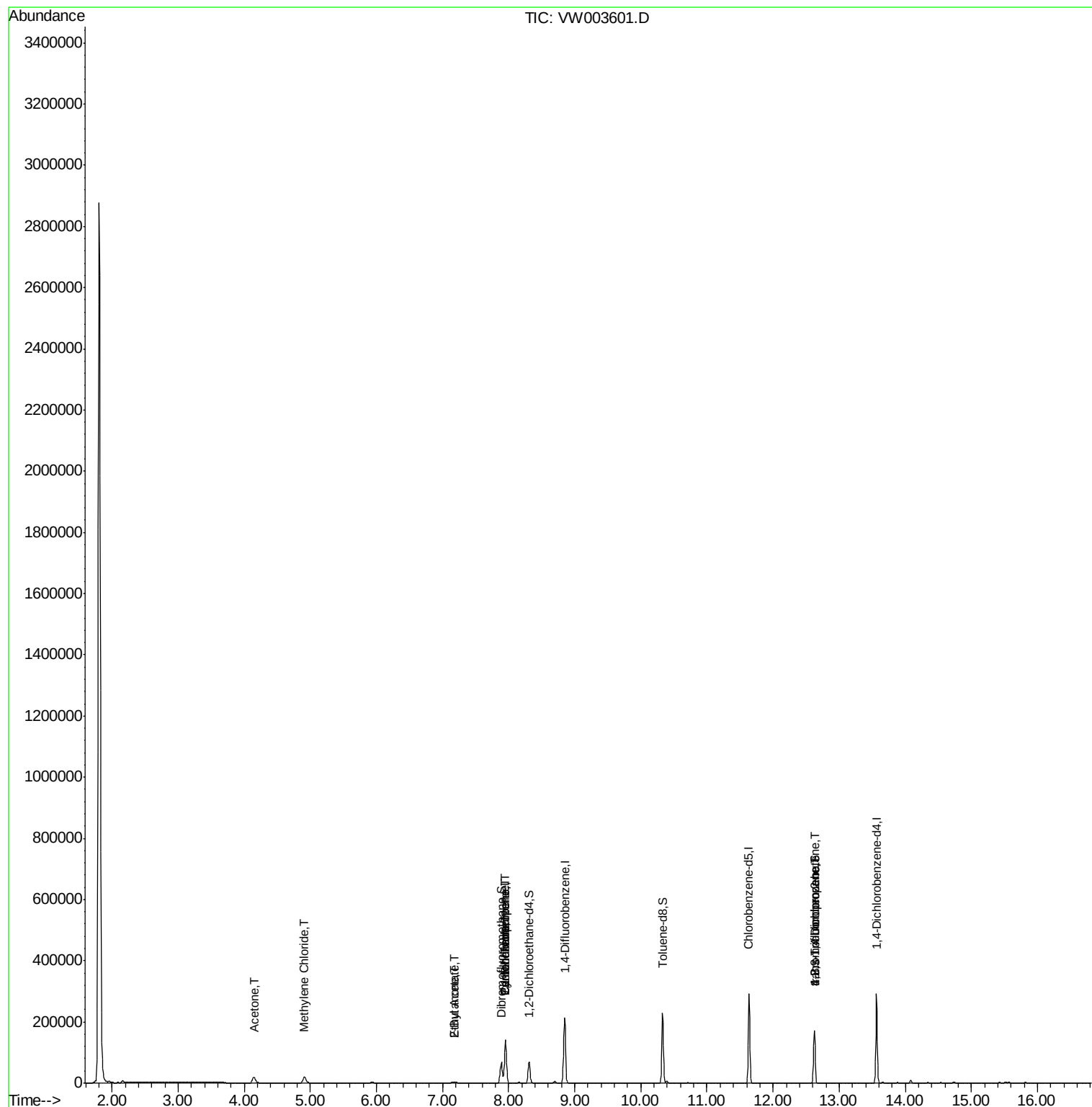
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	39590	175.420	ug/l	96
20) Methylene Chloride	4.91	84	15485	13.470	ug/l	95
25) 2-Butanone	7.19	43	3856	13.740	ug/l #	89
31) Cyclohexane	7.95	56	2558	1.471	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	8533	5.260	ug/l #	51
37) Ethyl Acetate	7.19	43	3856	5.738	ug/l #	70
38) Carbon Tetrachloride	7.95	117	10166	6.389	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	27635	45.738	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	27635	105.245	ug/l #	9

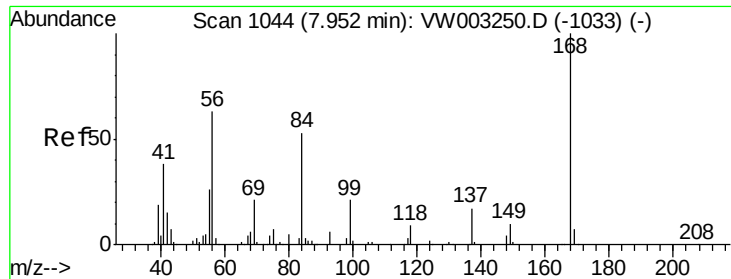
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003601.D

Acq: 27 Jun 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

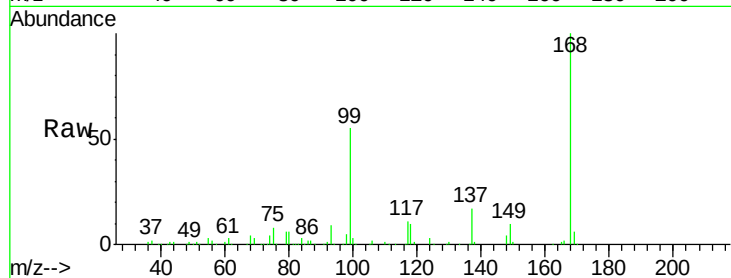
A0C2-02

Tgt Ion:168 Resp: 99347

Ion Ratio Lower Upper

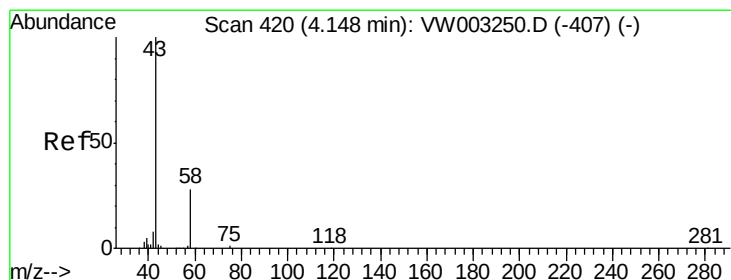
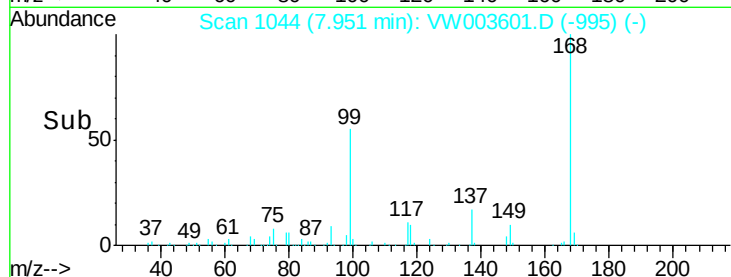
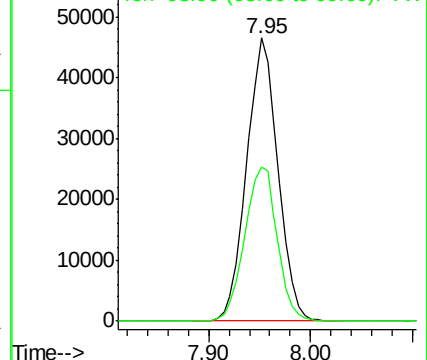
168 100

99 54.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 175.420 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW003601.D

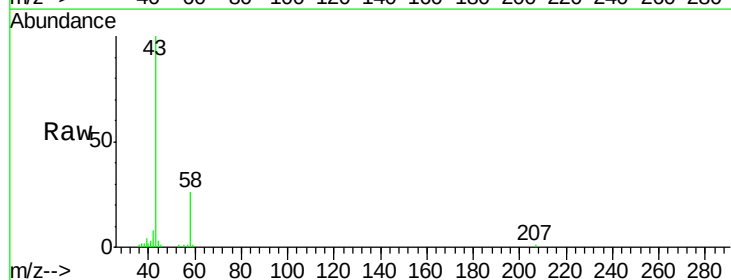
Acq: 27 Jun 2018 06:07

Tgt Ion: 43 Resp: 39590

Ion Ratio Lower Upper

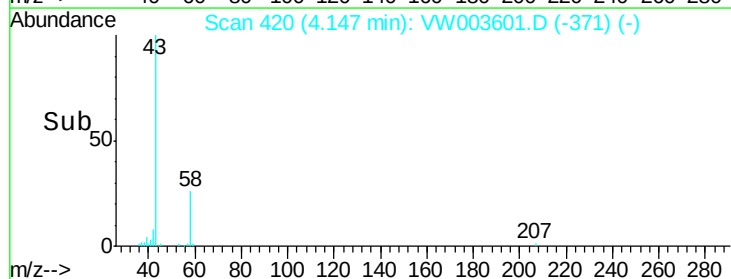
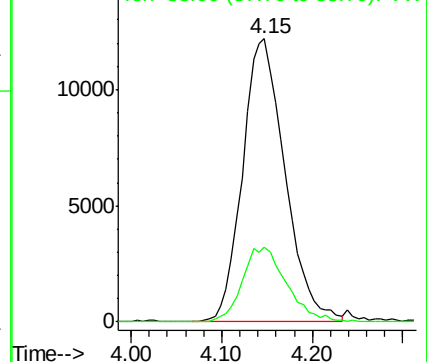
43 100

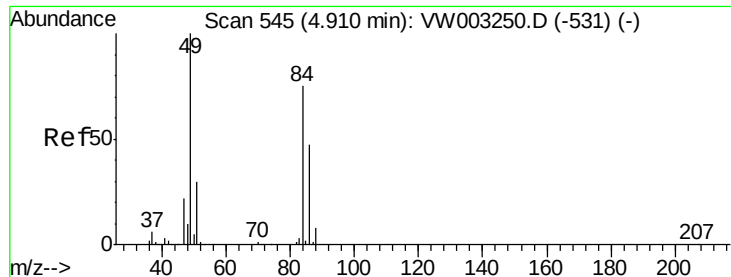
58 26.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

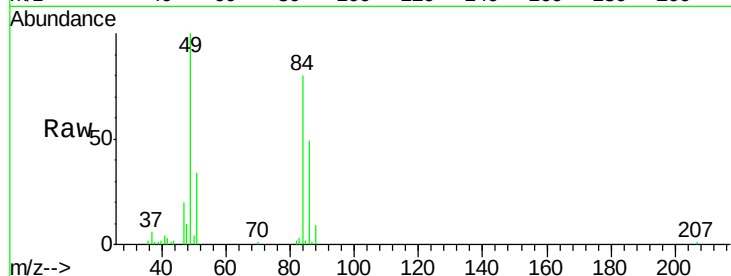




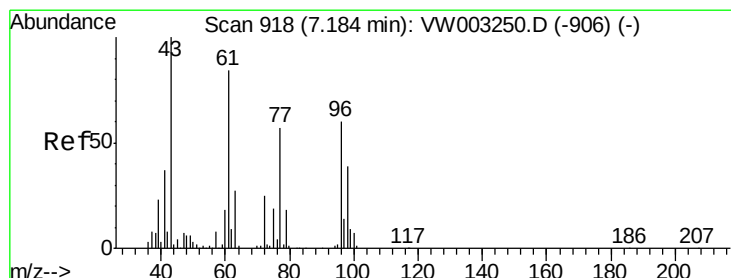
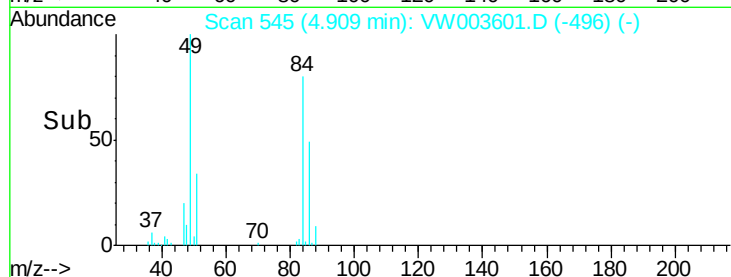
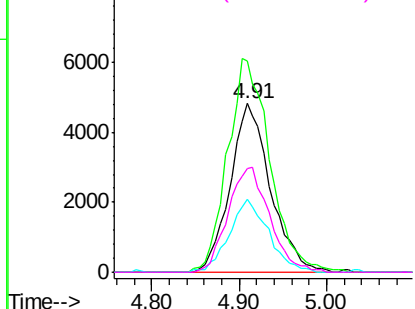
#20
Methylene Chloride
Concen: 13.470 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003601.D
Acq: 27 Jun 2018 06:07

Instrument :
MSVOA_W
ClientSampleId :
A0C2-02

Tgt Ion: 84 Resp: 15485
Ion Ratio Lower Upper
84 100
49 125.1 106.3 159.5
51 43.0 32.0 48.0
86 61.2 49.9 74.9

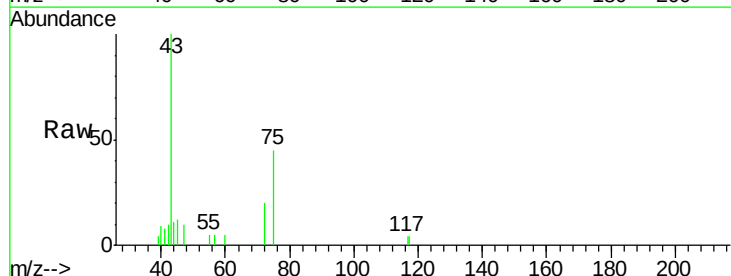


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

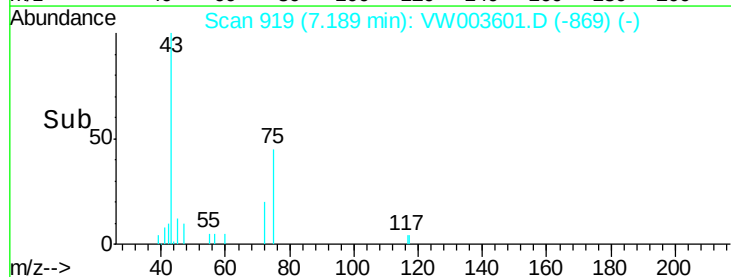
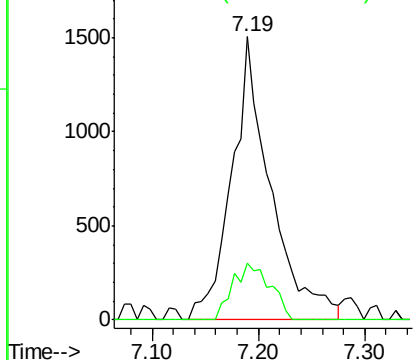


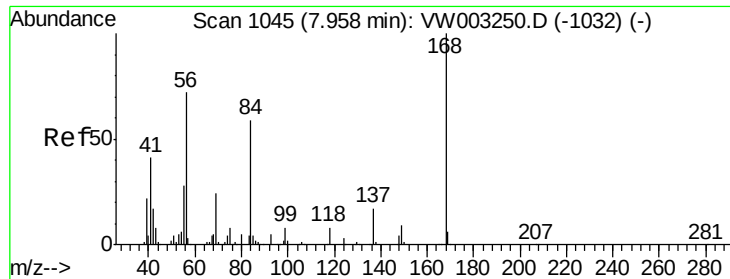
#25
2-Butanone
Concen: 13.740 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003601.D
Acq: 27 Jun 2018 06:07

Tgt Ion: 43 Resp: 3856
Ion Ratio Lower Upper
43 100
72 20.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

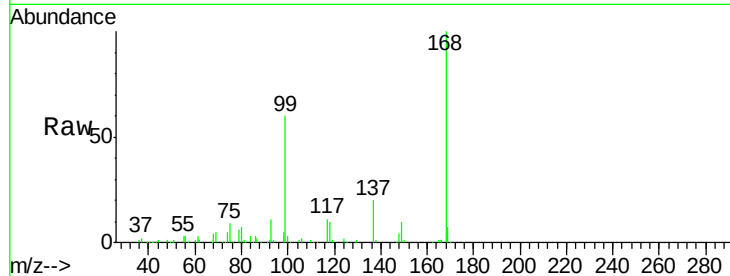




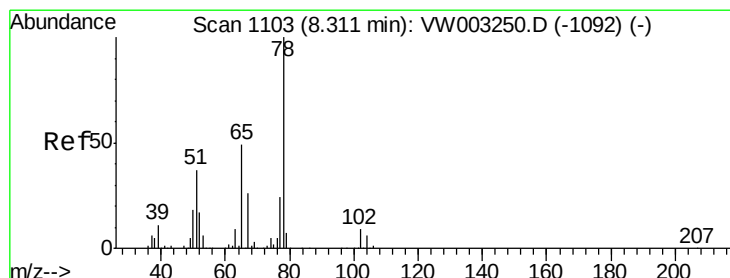
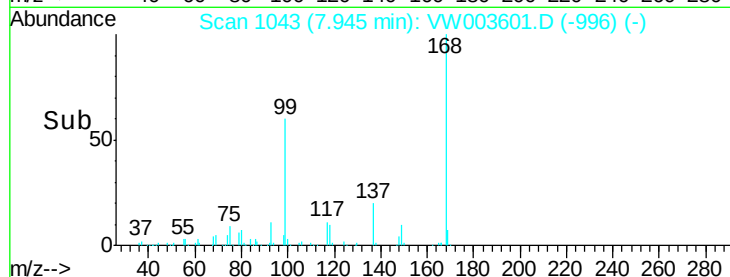
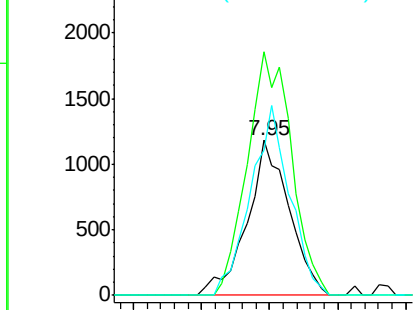
#31
Cyclohexane
Concen: 1.471 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003601.D
Acq: 27 Jun 2018 06:07

Instrument :
MSVOA_W
ClientSampleId :
A0C2-02

Tgt Ion: 56 Resp: 2558
Ion Ratio Lower Upper
56 100
69 157.4 26.3 39.5#
84 93.6 65.7 98.5

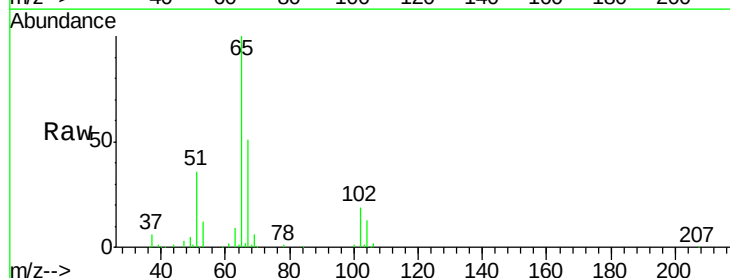


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

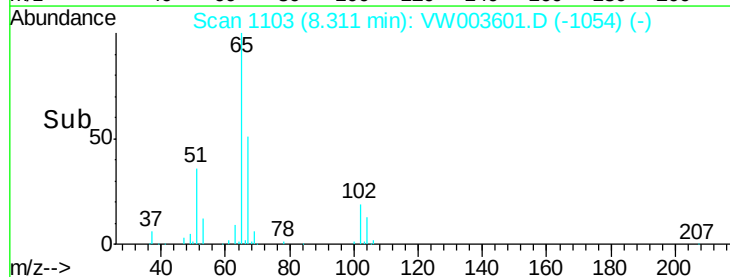
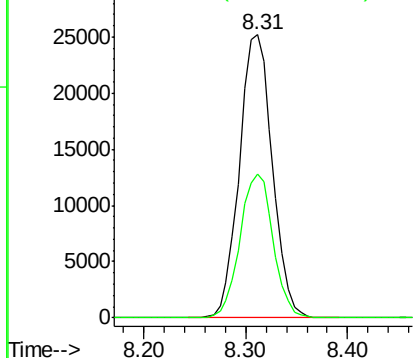


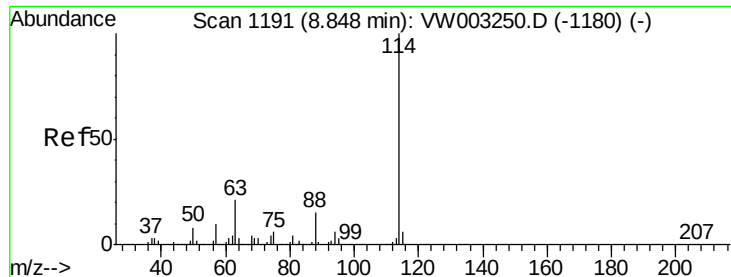
#33
1,2-Dichloroethane-d4
Concen: 52.585 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW003601.D
Acq: 27 Jun 2018 06:07

Tgt Ion: 65 Resp: 56586
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.2



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

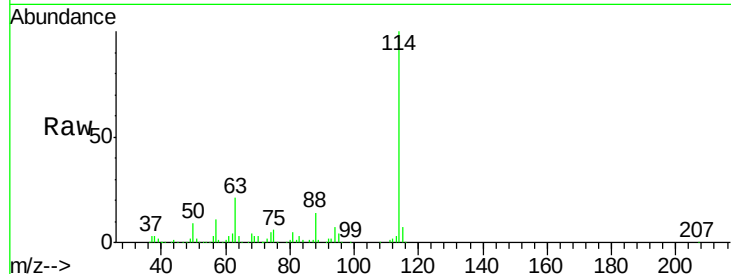




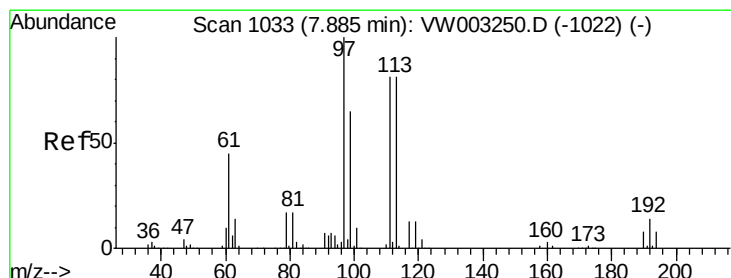
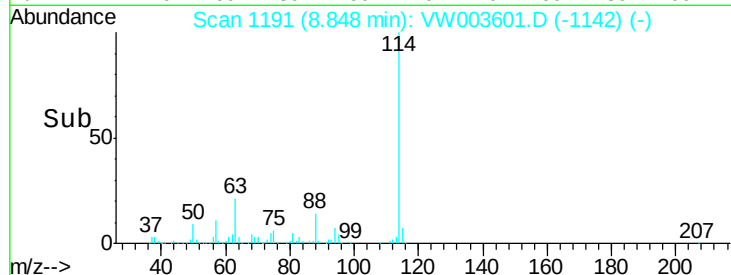
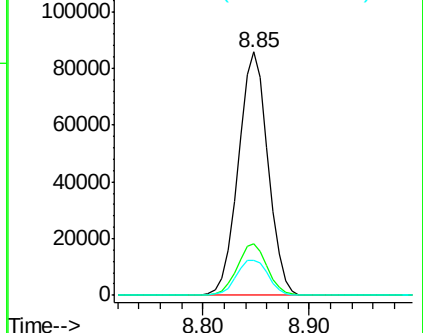
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003601.D
 Acq: 27 Jun 2018 06:07

Instrument :
 MSVOA_W
 ClientSampled :
 A0C2-02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.0
88	14.3	0.0	29.6

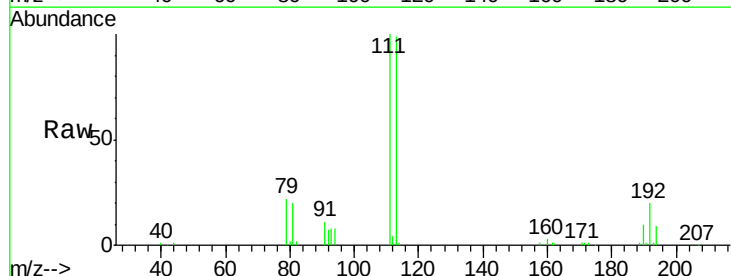


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

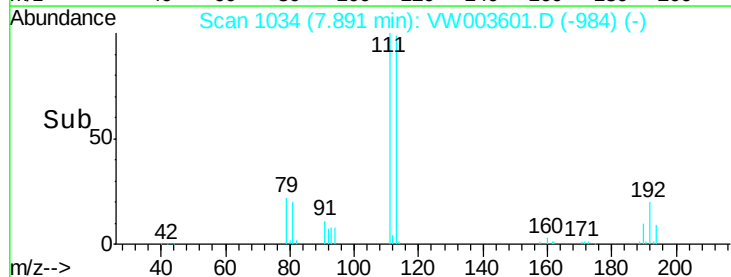
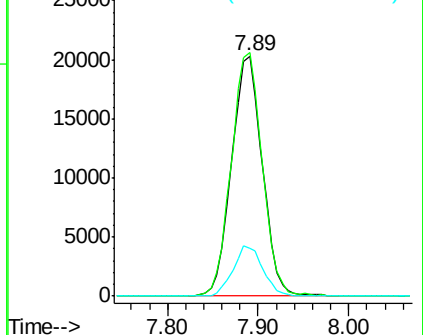


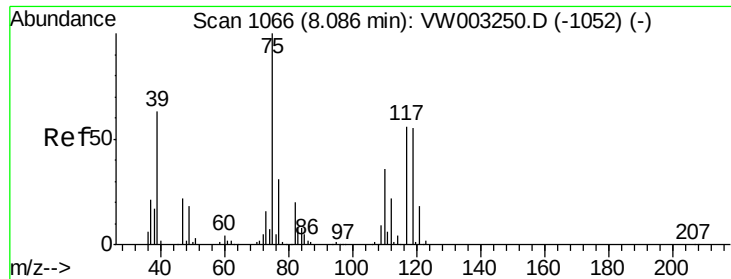
#35
 Dibromofluoromethane
 Concen: 45.665 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003601.D
 Acq: 27 Jun 2018 06:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	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

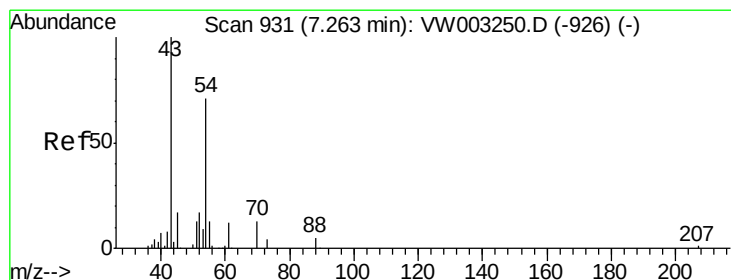
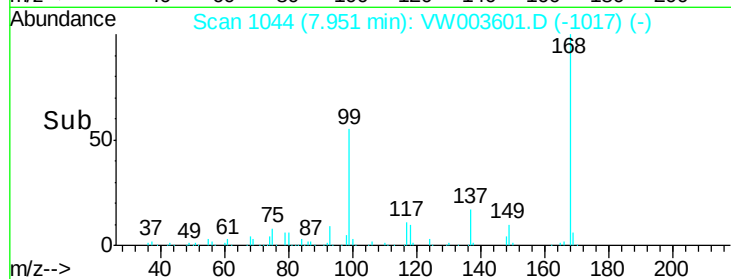
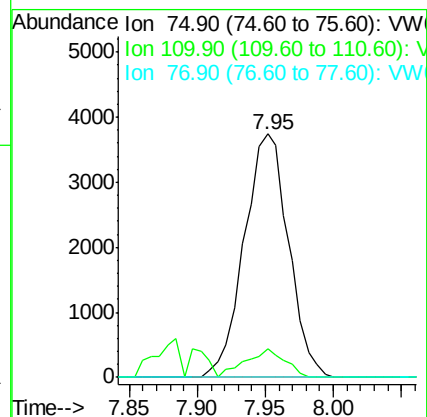
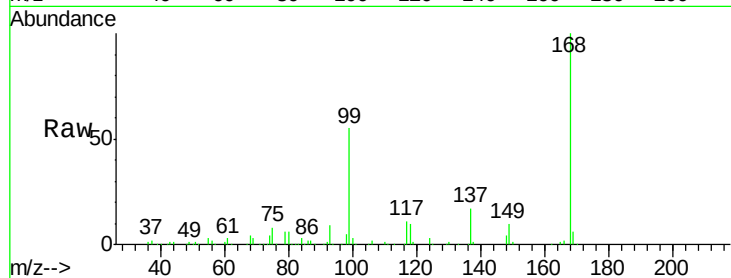




#36
 1,1-Dichloropropene
 Concen: 5.260 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003601.D
 Acq: 27 Jun 2018 06:07

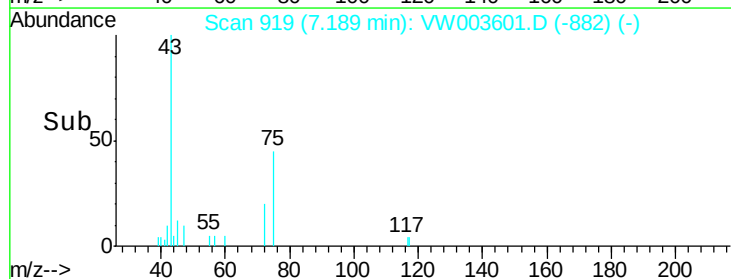
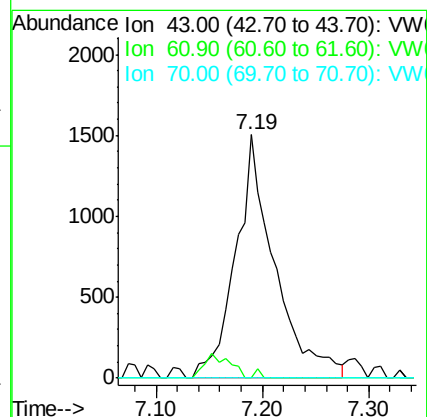
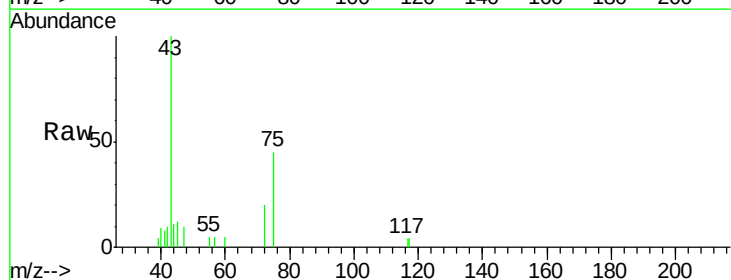
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C2-02

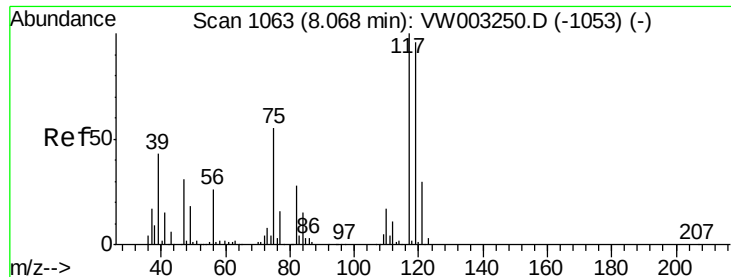
Tgt Ion: 75 Resp: 8533
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.1 51.3#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 5.738 ug/l
 RT: 7.19 min Scan# 919
 Delta R.T. -0.07 min
 Lab File: VW003601.D
 Acq: 27 Jun 2018 06:07

Tgt Ion: 43 Resp: 3856
 Ion Ratio Lower Upper
 43 100
 61 0.5 10.8 16.2#
 70 0.0 7.8 11.6#





#38

Carbon Tetrachloride

Concen: 6.389 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003601.D

Acq: 27 Jun 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

A0C2-02

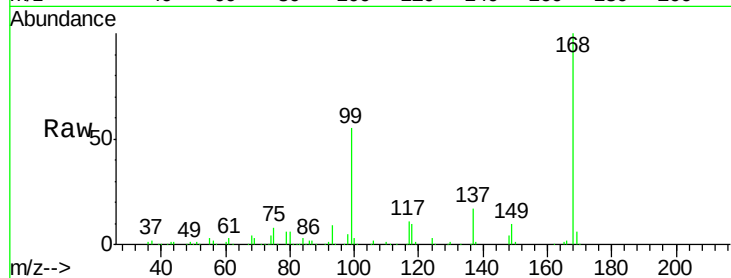
Tgt Ion:117 Resp: 10166

Ion Ratio Lower Upper

117 100

119 5.8 76.6 115.0#

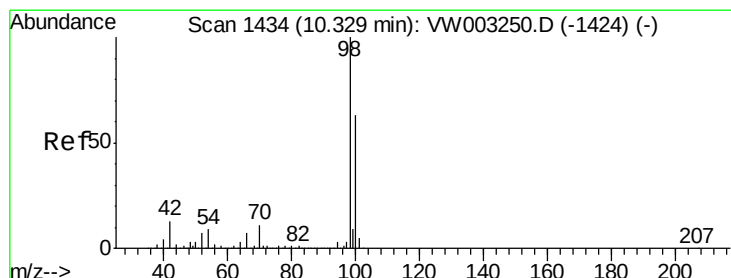
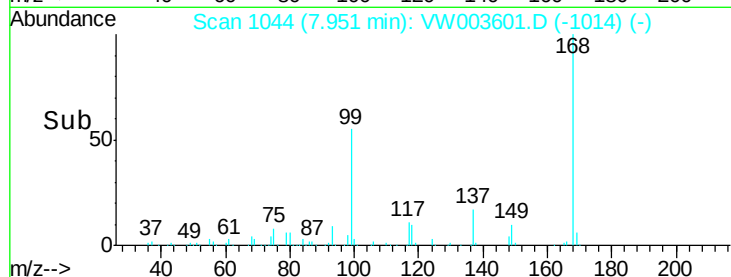
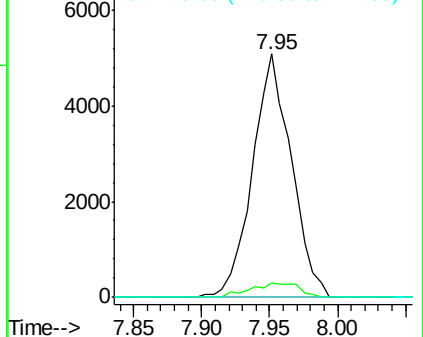
121 0.0 23.9 35.9#



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: 35.075 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003601.D

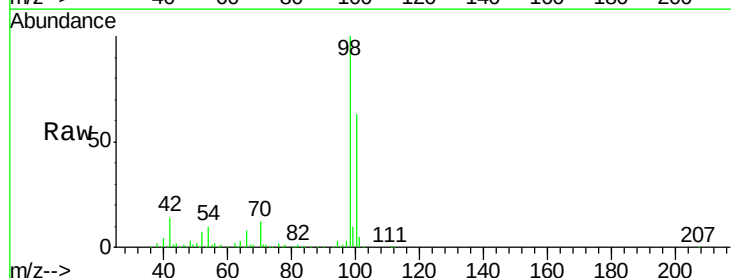
Acq: 27 Jun 2018 06:07

Tgt Ion: 98 Resp: 145157

Ion Ratio Lower Upper

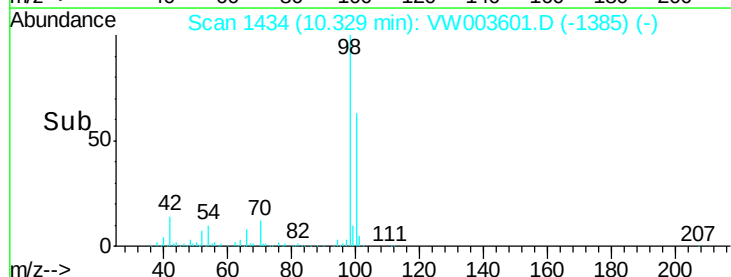
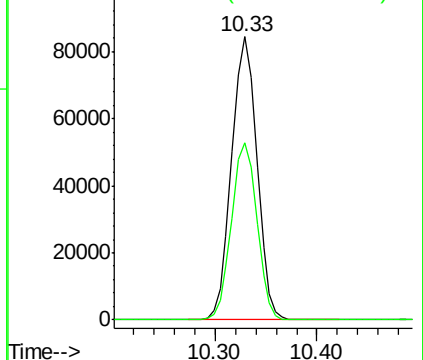
98 100

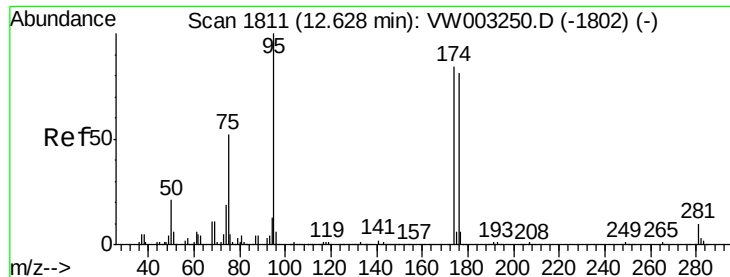
100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 34.082 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003601.D

Acq: 27 Jun 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

A0C2-02

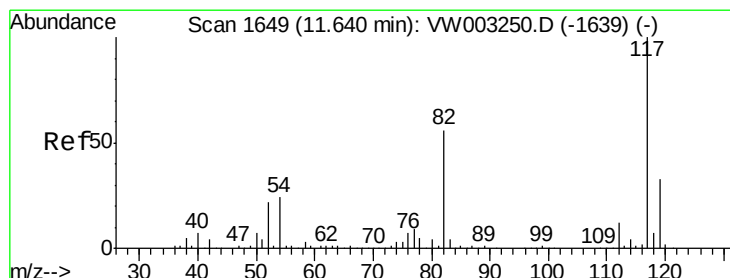
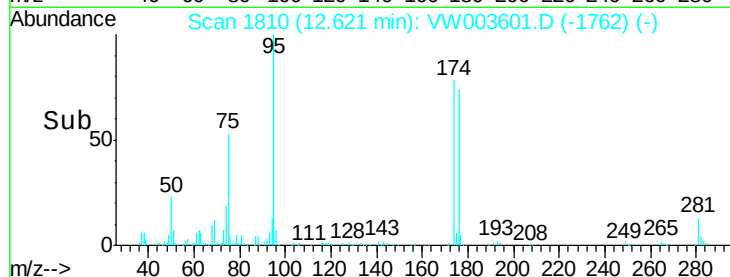
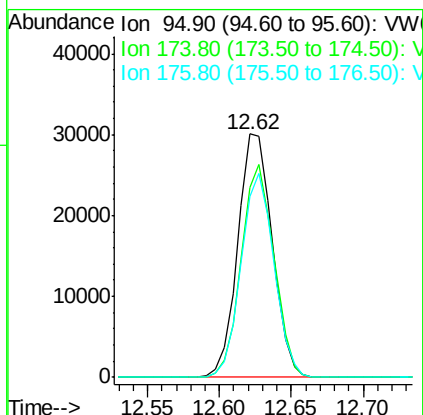
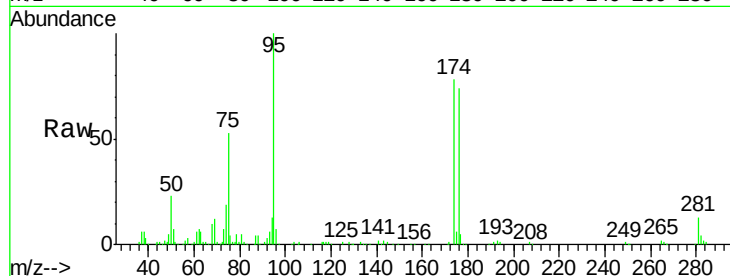
Tgt Ion: 95 Resp: 49916

Ion Ratio Lower Upper

95 100

174 83.2 0.0 166.4

176 79.9 0.0 162.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW003601.D

Acq: 27 Jun 2018 06:07

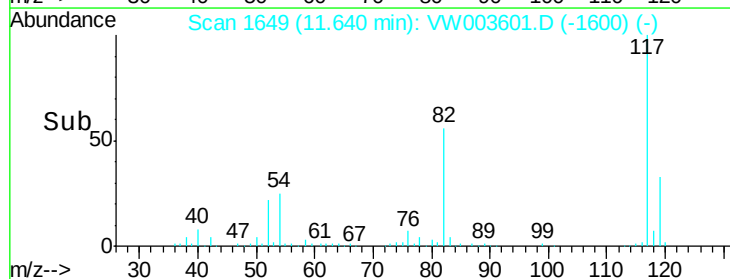
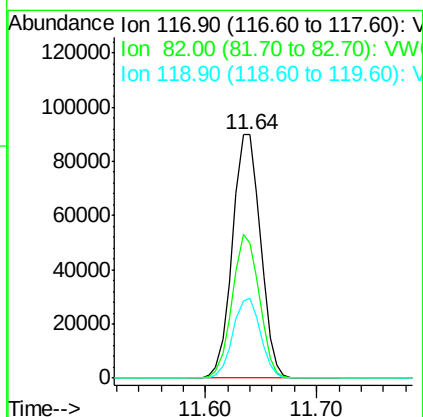
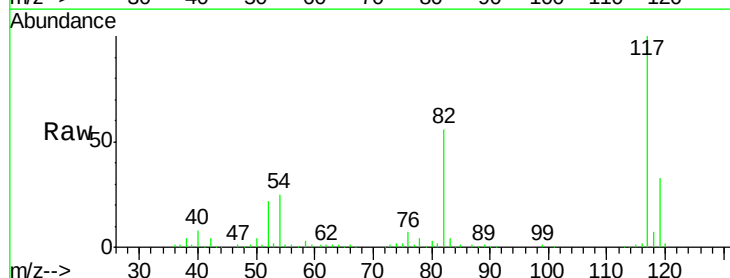
Tgt Ion: 117 Resp: 157125

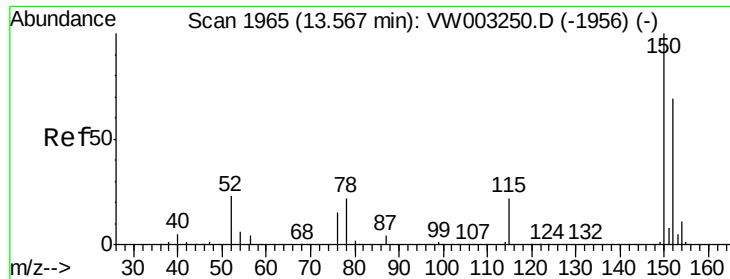
Ion Ratio Lower Upper

117 100

82 55.5 44.6 67.0

119 32.7 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: VW003601.D

Acq: 27 Jun 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

A0C2-02

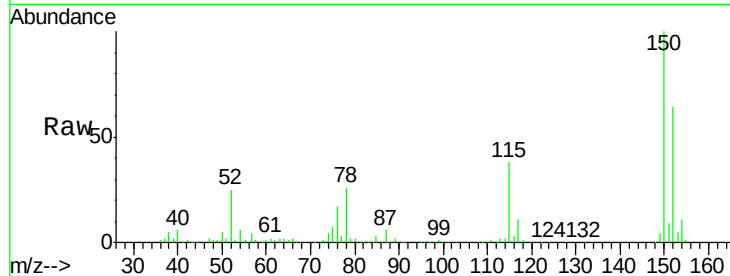
Tgt Ion:152 Resp: 70677

Ion Ratio Lower Upper

152 100

115 60.0 29.3 88.0

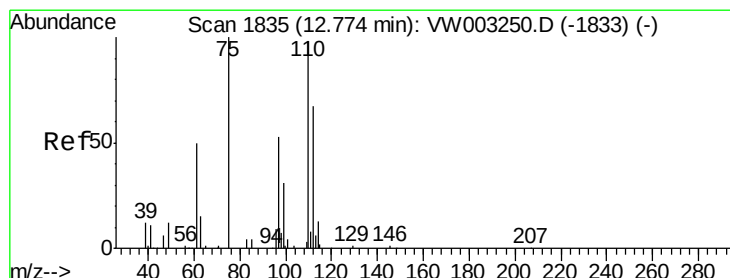
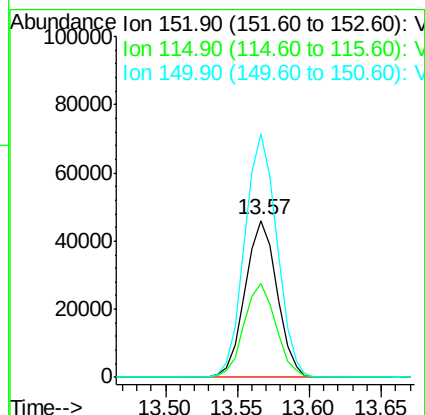
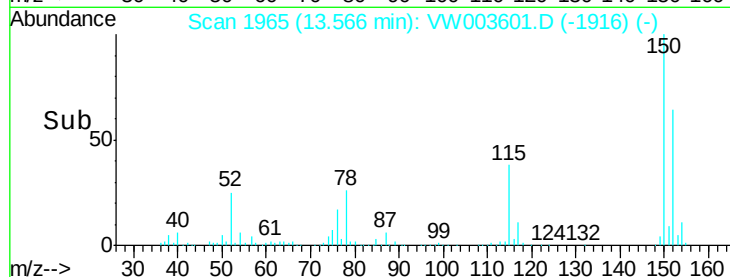
150 157.0 0.0 349.6



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: 45.738 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003601.D

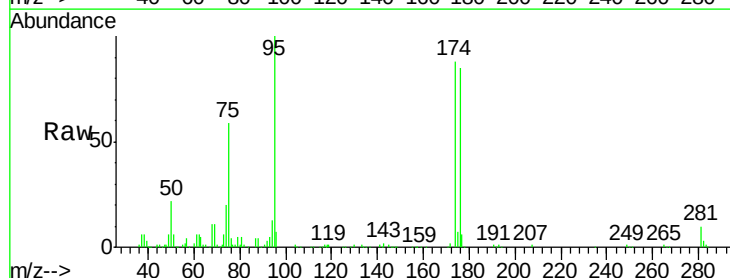
Acq: 27 Jun 2018 06:07

Tgt Ion: 75 Resp: 27635

Ion Ratio Lower Upper

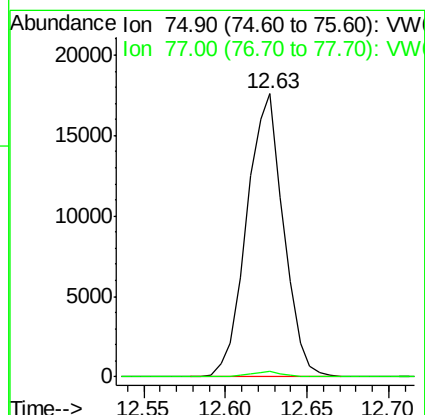
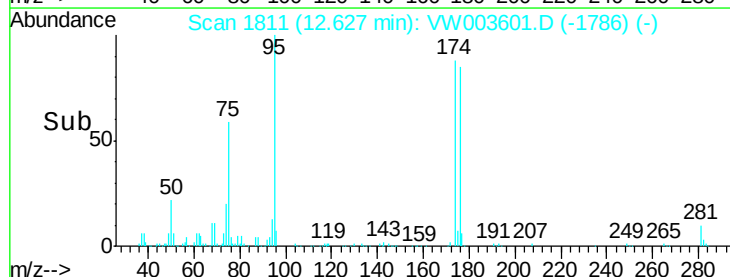
75 100

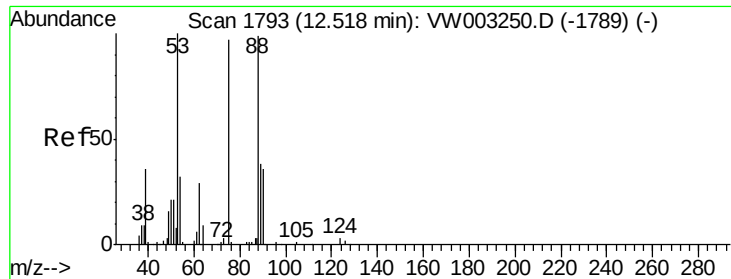
77 1.7 0.0 0.0#



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: 105.245 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003601.D

Acq: 27 Jun 2018 06:07

Instrument :

MSVOA_W

ClientSampleId :

A0C2-02

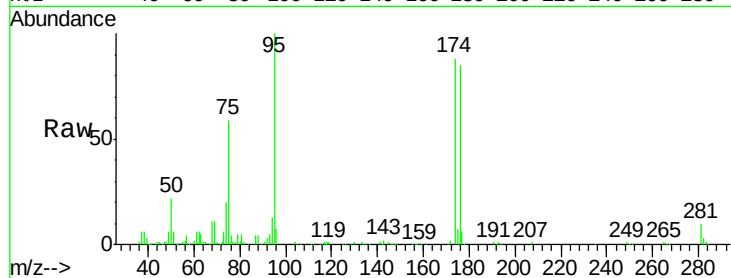
Tgt Ion: 75 Resp: 27635

Ion Ratio Lower Upper

75 100

53 0.4 82.9 124.3#

89 0.4 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

