

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003874.D
 Acq On : 11 Jul 2018 20:07
 Operator : SY/AP
 Sample : J3827-01RE
 Misc : 5.34G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 01:55:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	87953	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	131402	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.26%		
35) Dibromofluoromethane	7.88	113	109907	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.96%		
50) Toluene-d8	10.33	98	331128	37.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	74.78%		
62) 4-Bromofluorobenzene	12.62	95	96123	30.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	60.00%		

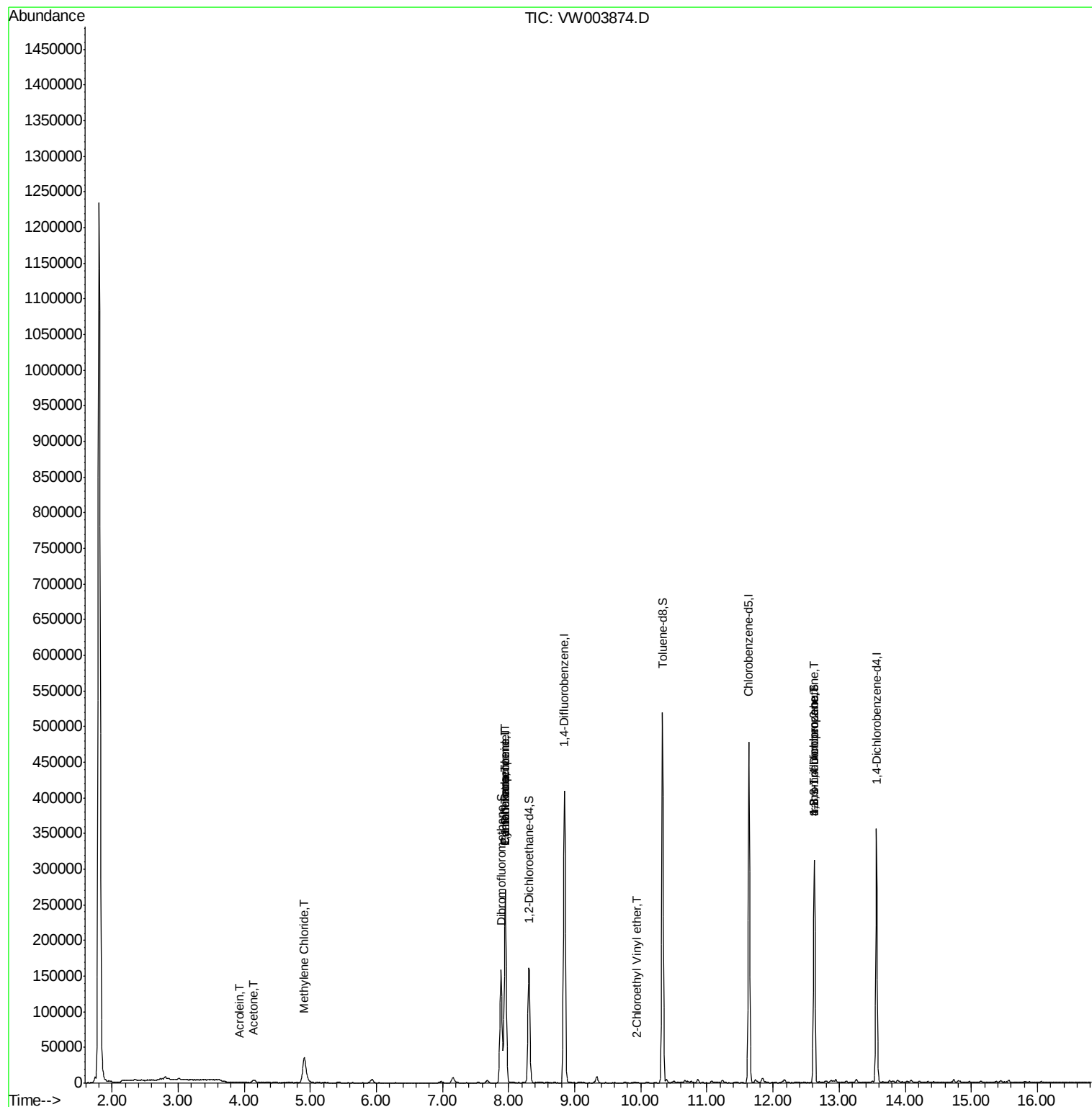
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.93	56	22	4.838	ug/l #	14
16) Acetone	4.14	43	7370	17.013	ug/l	99
20) Methylene Chloride	4.92	84	30883	11.229	ug/l	97
31) Cyclohexane	7.95	56	6901	1.894	ug/l #	45
36) 1,1-Dichloropropene	7.95	75	16184	4.611	ug/l #	42
38) Carbon Tetrachloride	7.95	117	18957	5.681	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	46	13.203	ug/l #	49
76) 1,2,3-Trichloropropane	12.63	75	52415	60.688	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	52415	148.457	ug/l #	8

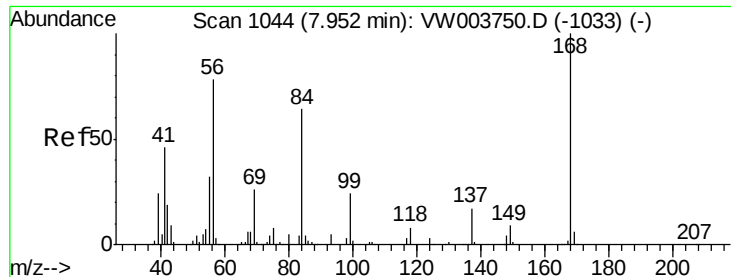
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 07 05:07:25 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: VW003874.D

Acq: 11 Jul 2018 20:07

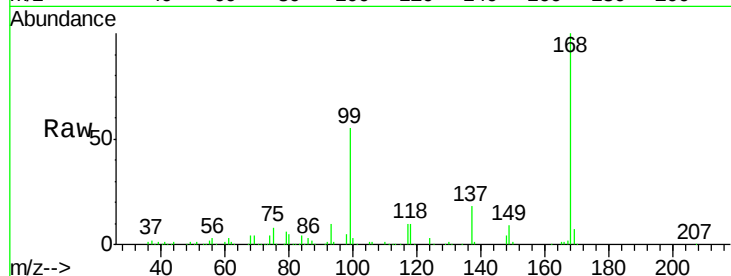
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 190930

Ion Ratio Lower Upper

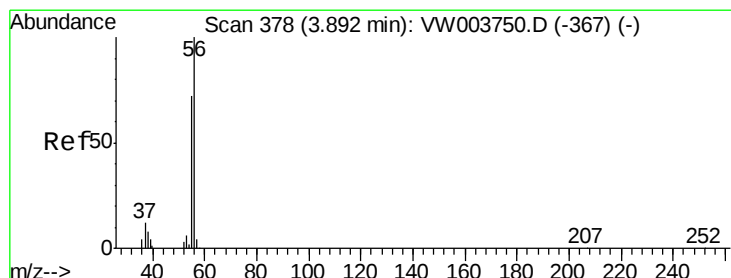
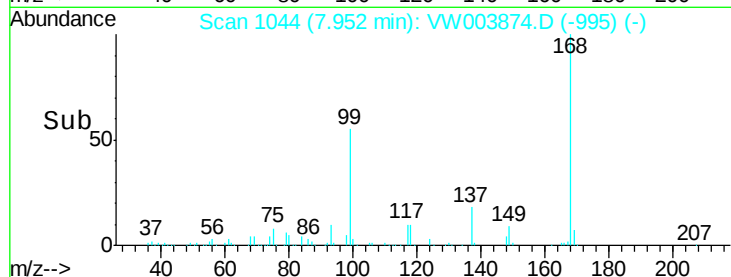
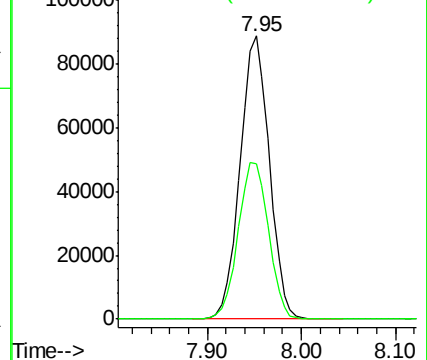
168 100

99 54.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 4.838 ug/l

RT: 3.93 min Scan# 384

Delta R.T. 0.04 min

Lab File: VW003874.D

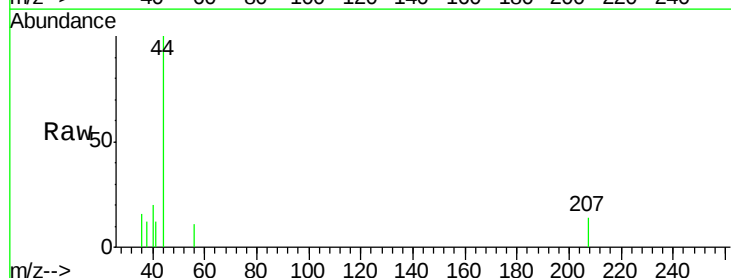
Acq: 11 Jul 2018 20:07

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

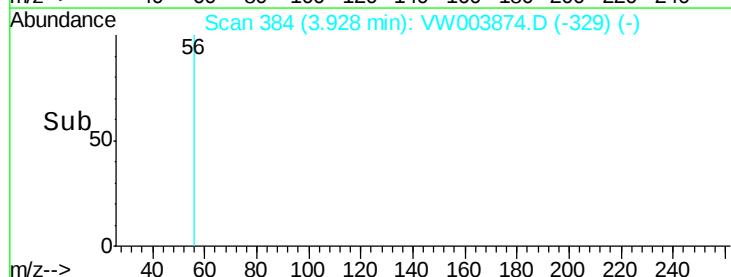
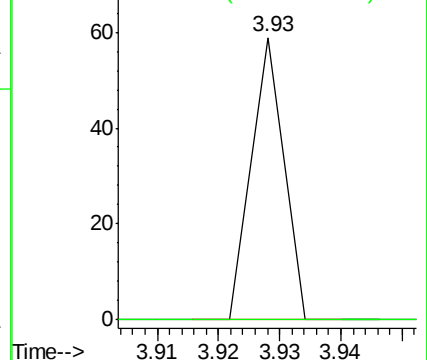
56 100

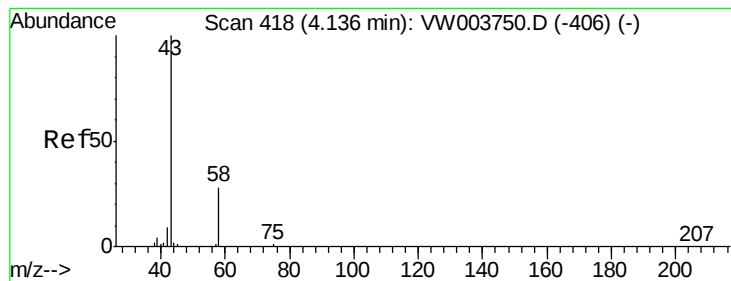
55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 17.013 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Instrument :

MSVOA_W

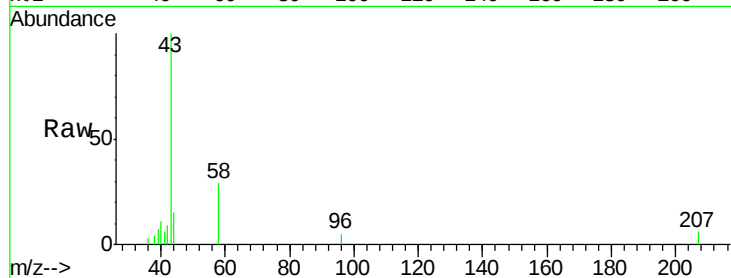
ClientSampleId :

Tot Ion: 43 Resp: 7370

Ion Ratio Lower Upper

43 100

58 29.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

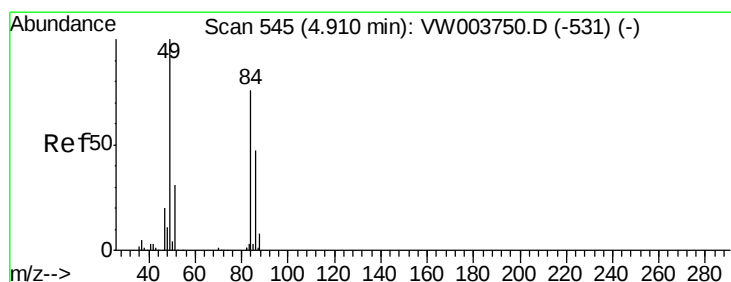
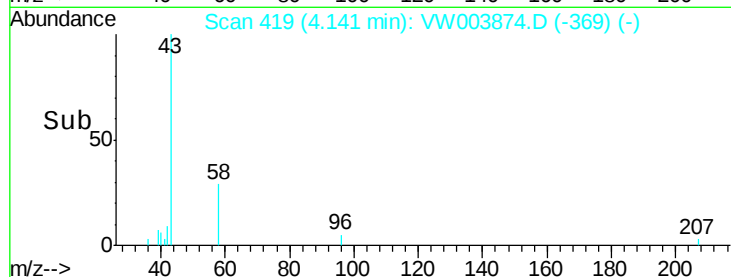
1500

1000

500

0

Time-->



#20

Methylene Chloride

Concen: 11.229 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Tgt Ion: 84 Resp: 30883

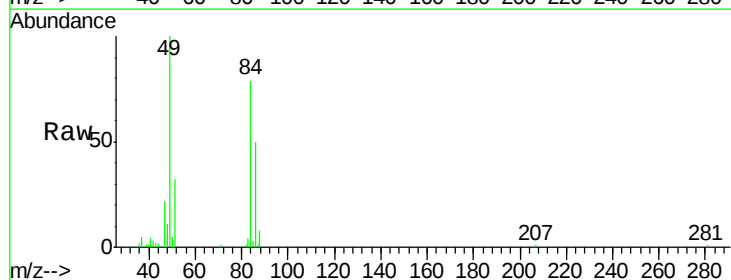
Ion Ratio Lower Upper

84 100

49 126.3 105.1 157.7

51 40.6 32.5 48.7

86 62.8 49.8 74.6



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

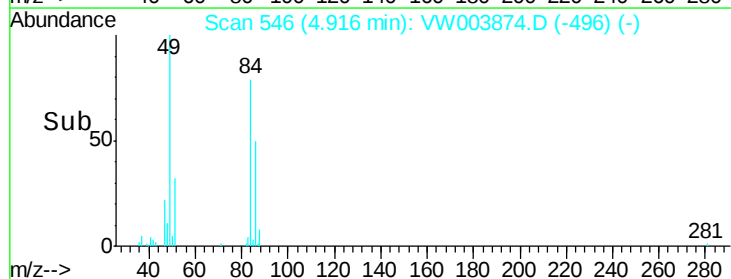
15000

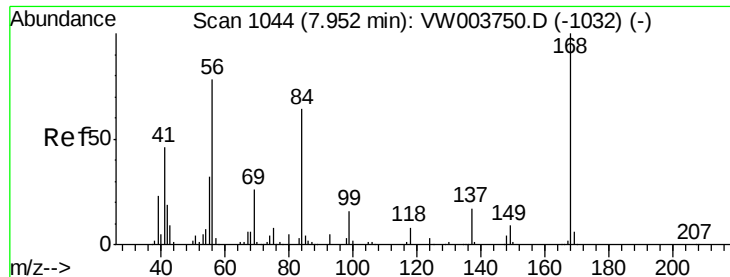
10000

5000

0

Time-->

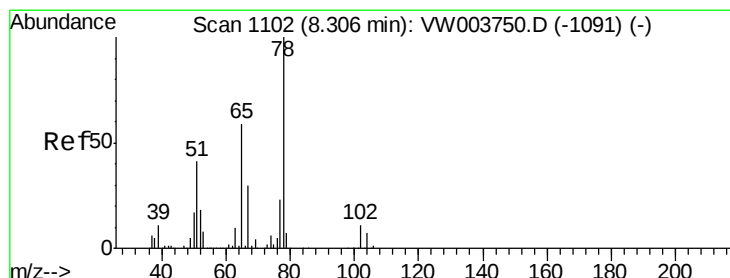
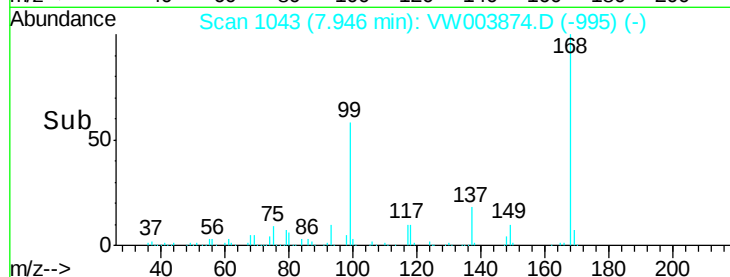
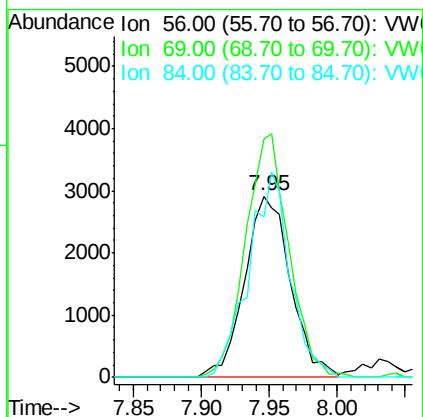
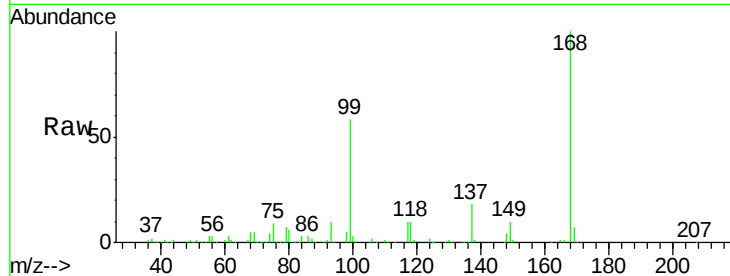




#31
Cyclohexane
Concen: 1.894 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003874.D
Acq: 11 Jul 2018 20:07

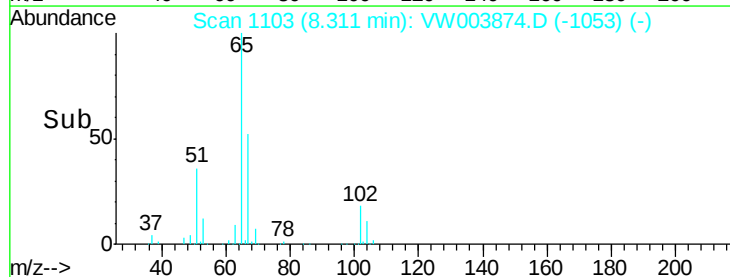
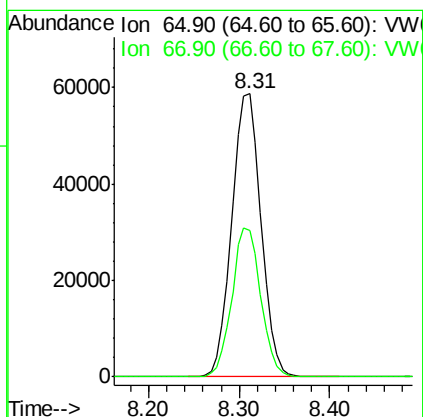
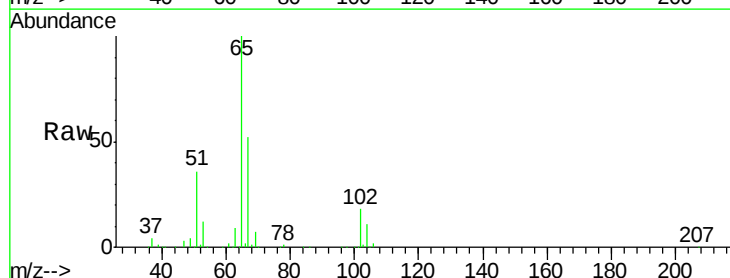
Instrument :
MSVOA_W
ClientSampled :

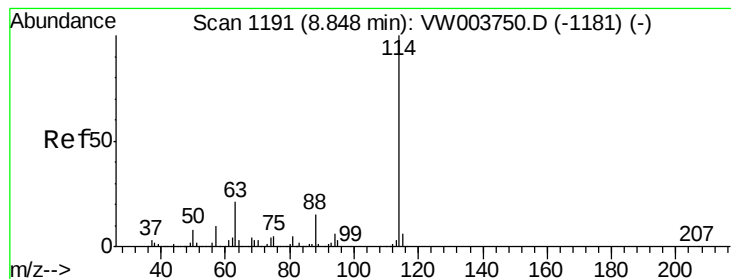
Tot Ion: 56 Resp: 6901
Ion Ratio Lower Upper
56 100
69 131.7 26.2 39.4#
84 88.4 65.5 98.3



#33
1,2-Dichloroethane-d4
Concen: 52.627 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003874.D
Acq: 11 Jul 2018 20:07

Tgt Ion: 65 Resp: 131402
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

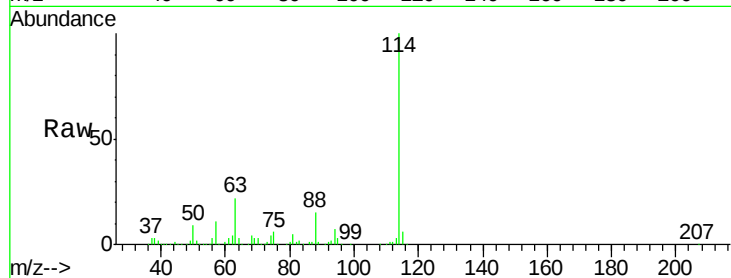
Tot Ion:114 Resp: 330768

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

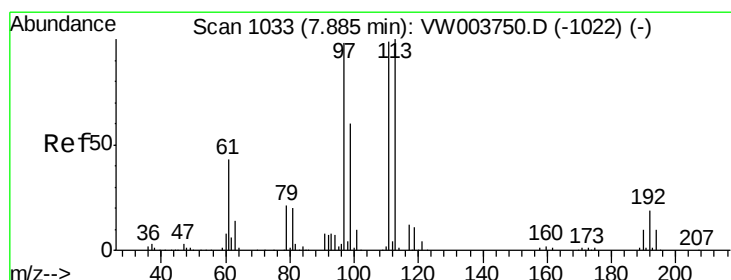
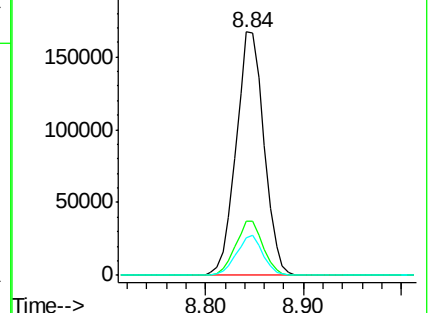
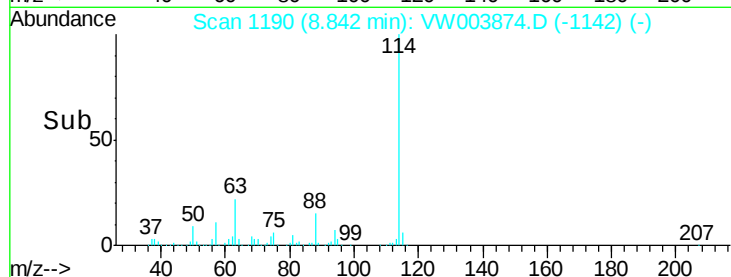
88 15.2 0.0 30.2



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: 47.476 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

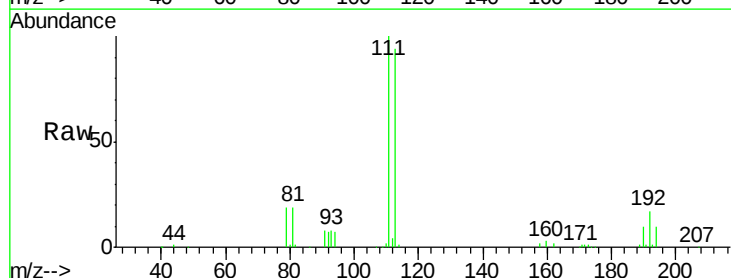
Tgt Ion:113 Resp: 109907

Ion Ratio Lower Upper

113 100

111 104.4 81.7 122.5

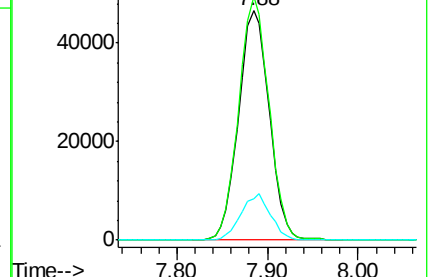
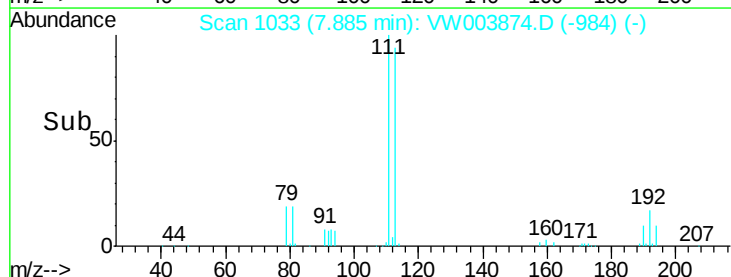
192 19.5 15.8 23.8

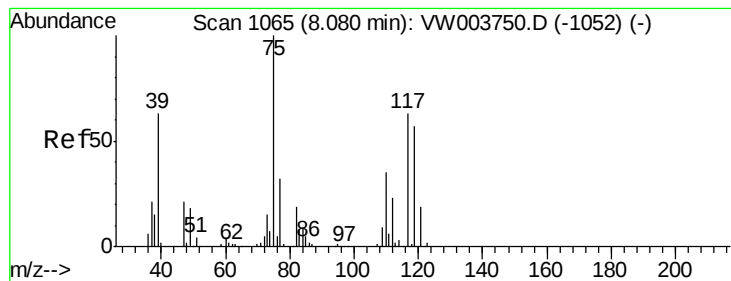


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.611 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

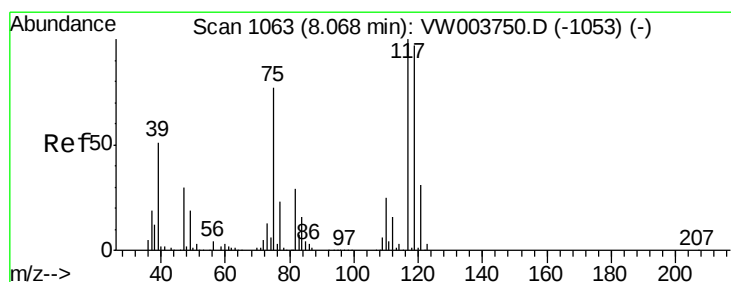
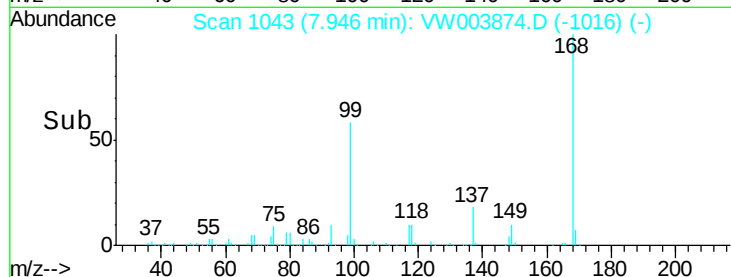
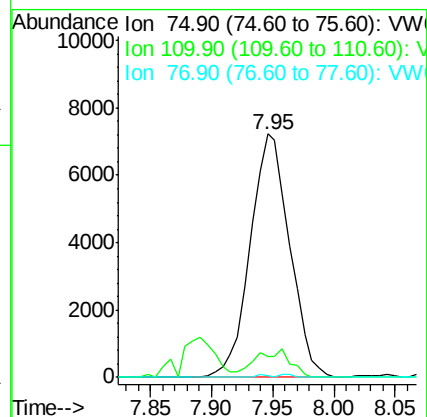
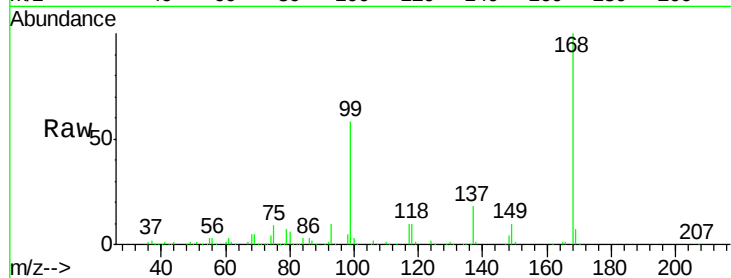
Tot Ion: 75 Resp: 16184

Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.6#

77 0.3 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.681 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

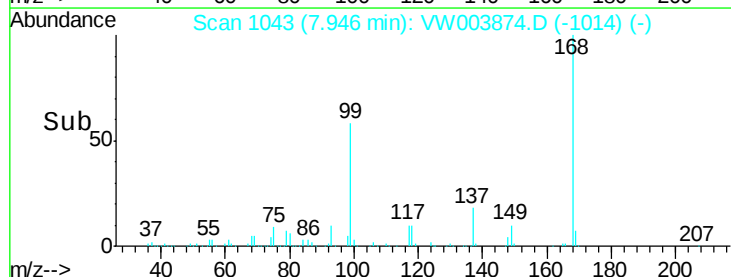
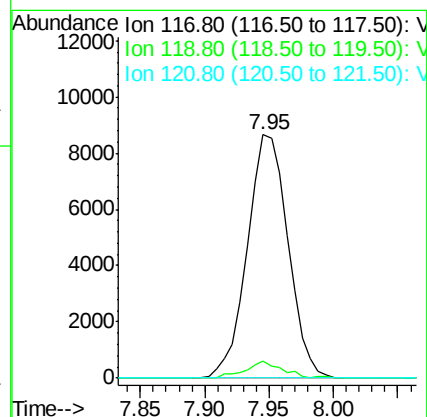
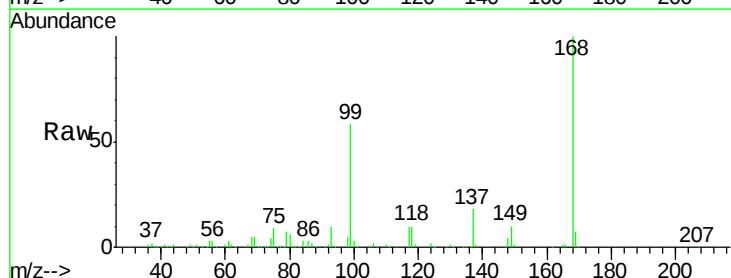
Tgt Ion: 117 Resp: 18957

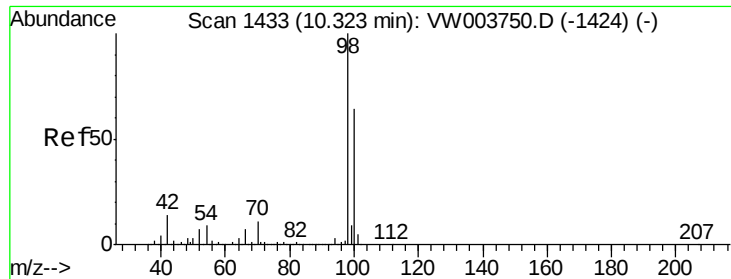
Ion Ratio Lower Upper

117 100

119 7.1 77.4 116.2#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 37.393 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Instrument :

MSVOA_W

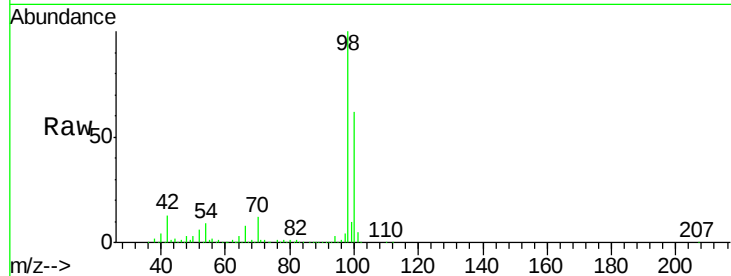
ClientSampled :

Tot Ion: 98 Resp: 331128

Ion Ratio Lower Upper

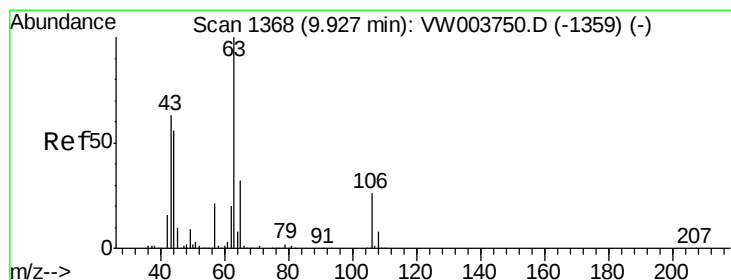
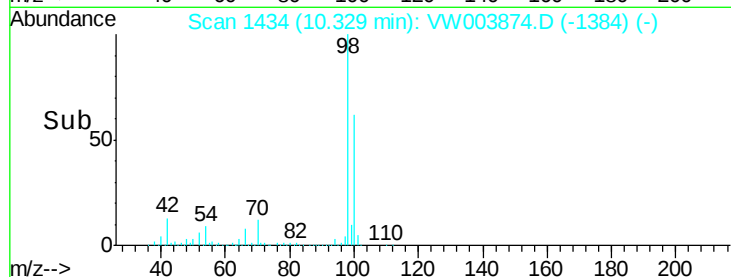
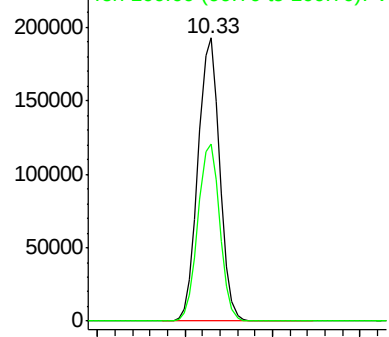
98 100

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



#58

2-Chloroethyl Vinyl ether

Concen: 13.203 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VW003874.D

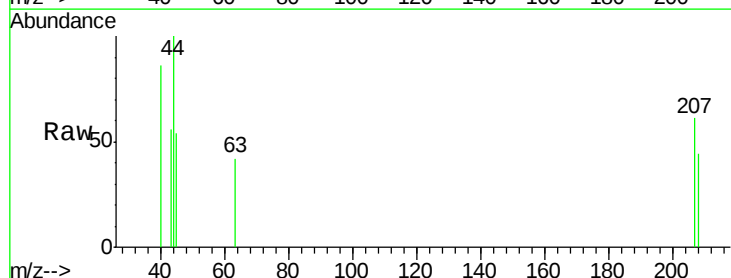
Acq: 11 Jul 2018 20:07

Tgt Ion: 63 Resp: 46

Ion Ratio Lower Upper

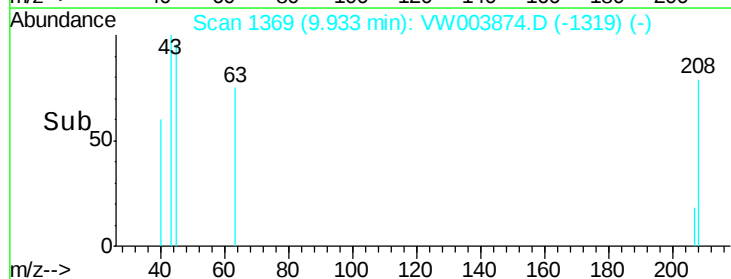
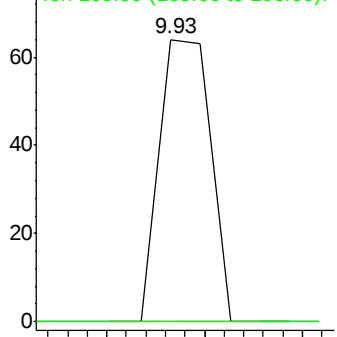
63 100

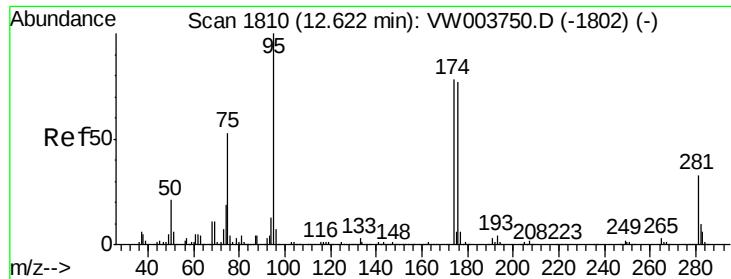
106 0.0 20.9 31.3#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

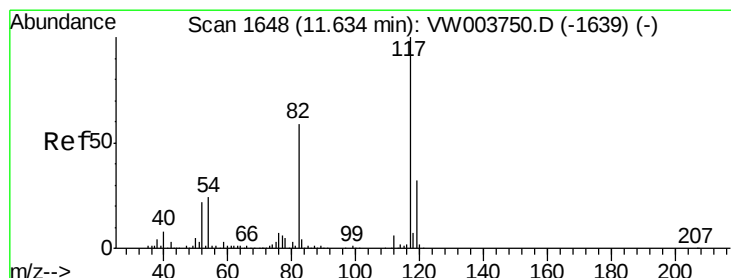
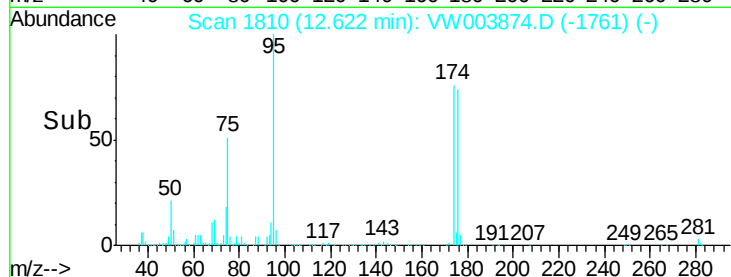
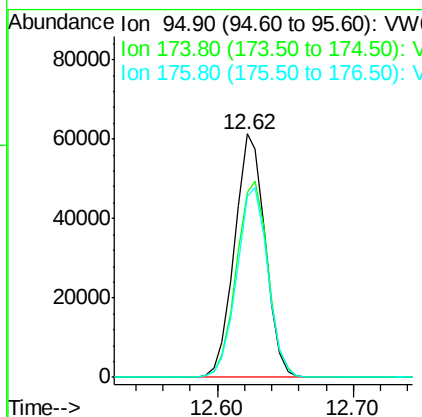
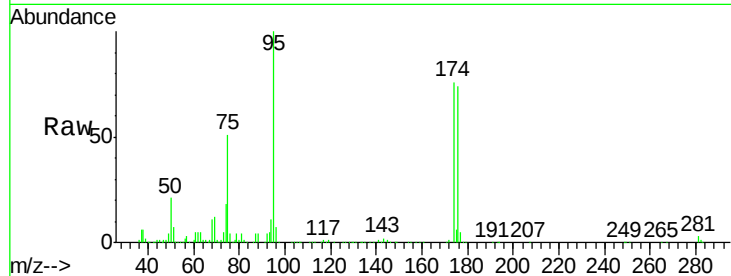




#62
4-Bromofluorobenzene
Concen: 30.001 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003874.D
Acq: 11 Jul 2018 20:07

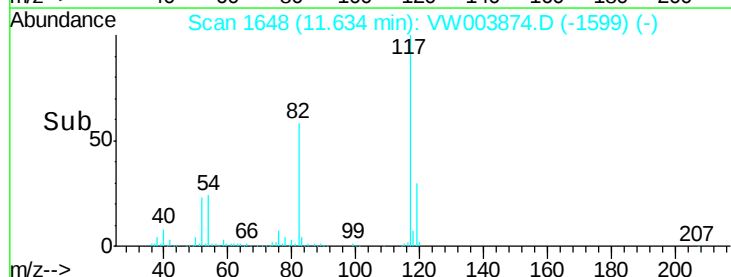
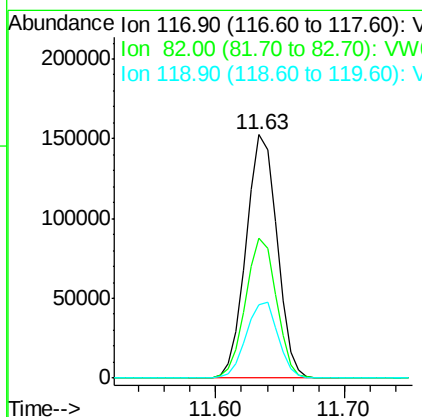
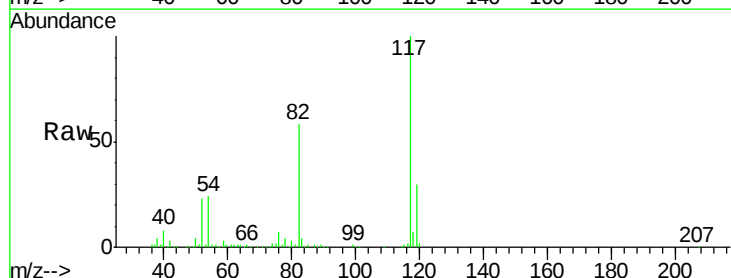
Instrument :
MSVOA_W
ClientSampleId :

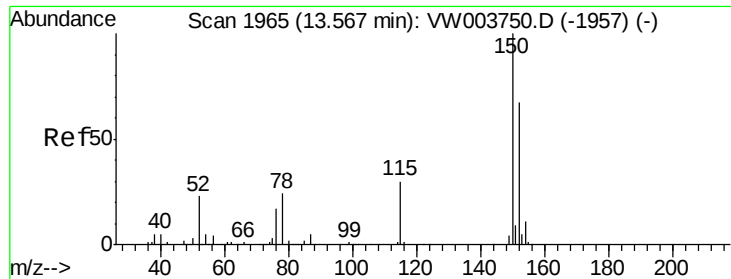
Tot Ion	95	Resp	96123
Ion Ratio	Lower	Upper	
95	100		
174	83.2	0.0	163.4
176	79.3	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003874.D
Acq: 11 Jul 2018 20:07

Tgt Ion	117	Resp	252835
Ion Ratio	Lower	Upper	
117	100		
82	57.6	46.9	70.3
119	30.0	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

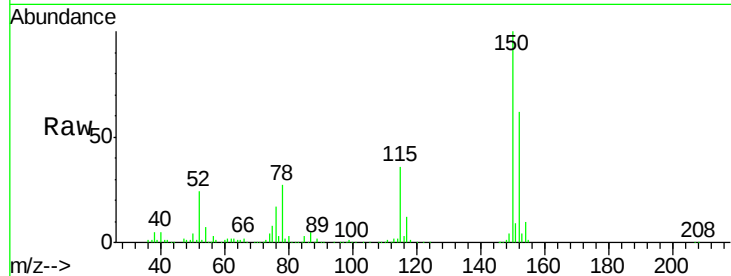
Tot Ion:152 Resp: 87953

Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.8

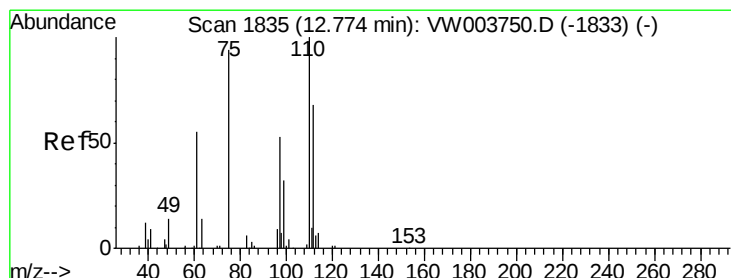
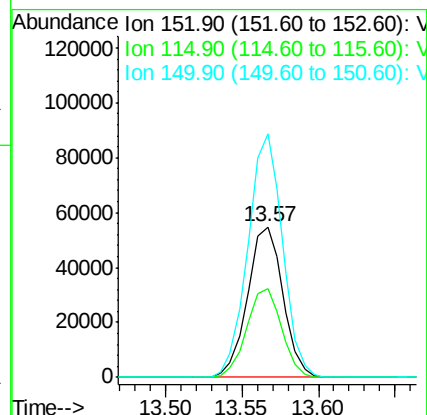
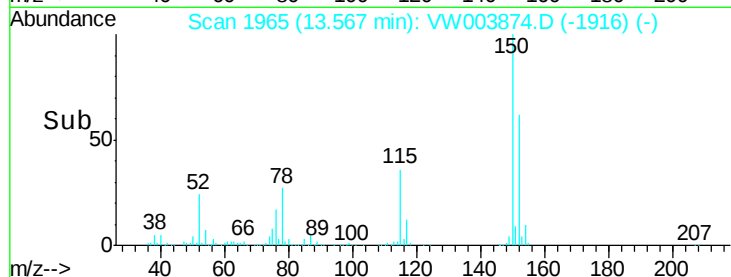
150 158.0 0.0 342.4



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: 60.688 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003874.D

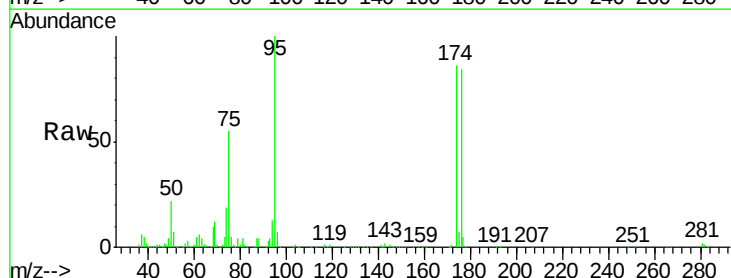
Acq: 11 Jul 2018 20:07

Tgt Ion: 75 Resp: 52415

Ion Ratio Lower Upper

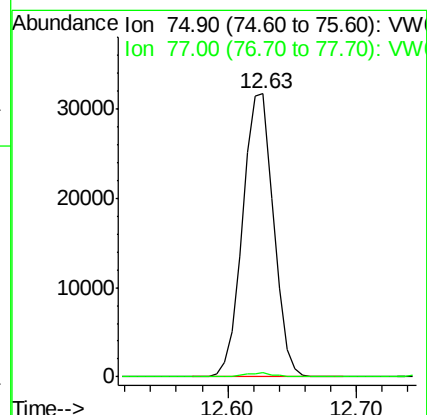
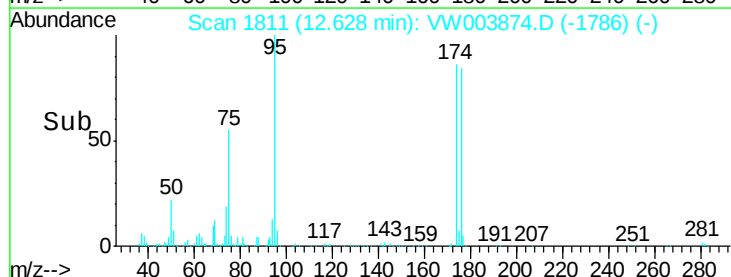
75 100

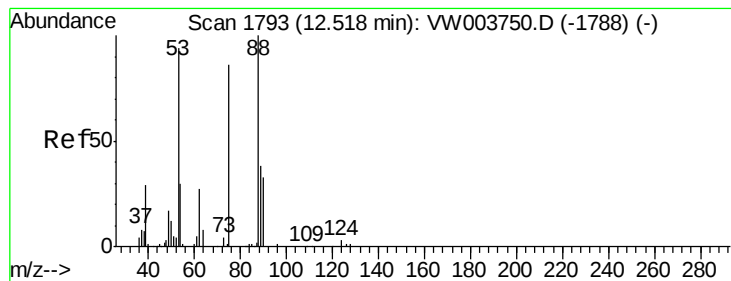
77 1.2 0.0 0.0#



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: 148.457 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

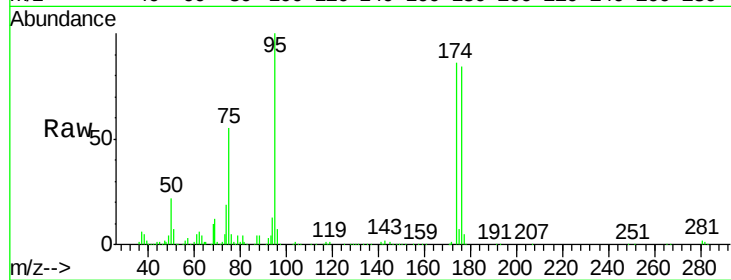
Lab File: VW003874.D

Acq: 11 Jul 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 75 Resp: 52415

Ion Ratio Lower Upper

75 100

53 0.3 85.0 127.6#

89 0.0 36.3 54.5#

