

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003669.D
 Acq On : 29 Jun 2018 18:59
 Operator : SY/AP
 Sample : J3773-03
 Misc : 6.74G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:42:44 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	131373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	222713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	201828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85438	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92919	65.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.60%	
35) Dibromofluoromethane	7.88	113	79673	57.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.14%	
50) Toluene-d8	10.33	98	264899	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.62	95	84854	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	

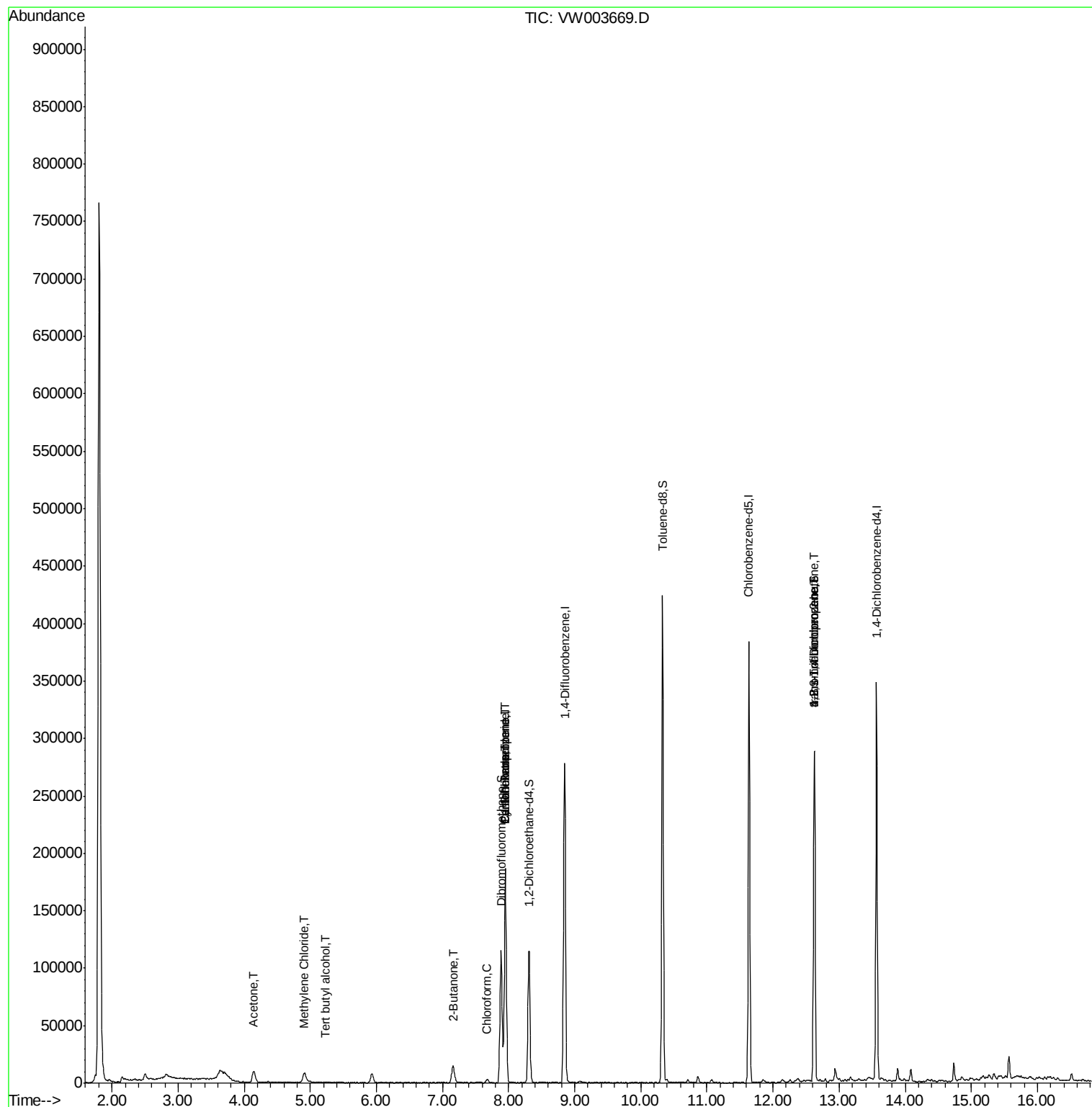
Target Compounds						Qvalue
11) Tert butyl alcohol	5.23	59	135	1.769	ug/l #	64
16) Acetone	4.14	43	20404	68.369	ug/l	91
20) Methylene Chloride	4.90	84	7347	2.293	ug/l	86
25) 2-Butanone	7.16	43	1129	3.042	ug/l #	78
30) Chloroform	7.67	83	3017	1.203	ug/l	85
31) Cyclohexane	7.95	56	3529	1.535	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	11079	5.151	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13548	6.422	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	46668	63.894	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	46668	147.024	ug/l #	9

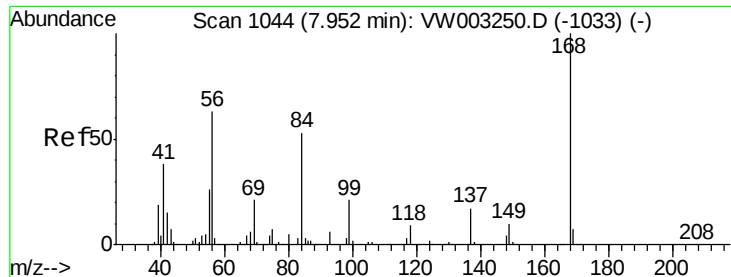
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003669.D

Acq: 29 Jun 2018 18:59

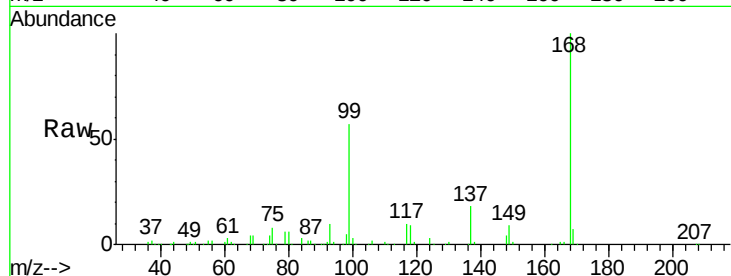
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 131373

Ion Ratio Lower Upper

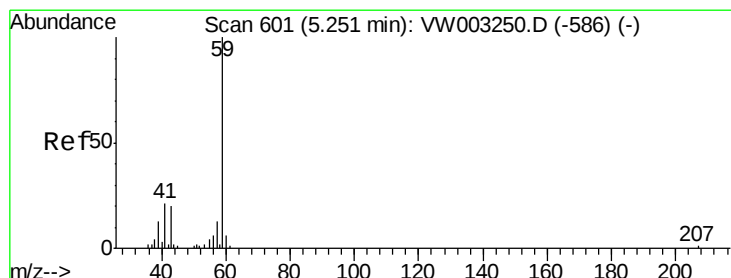
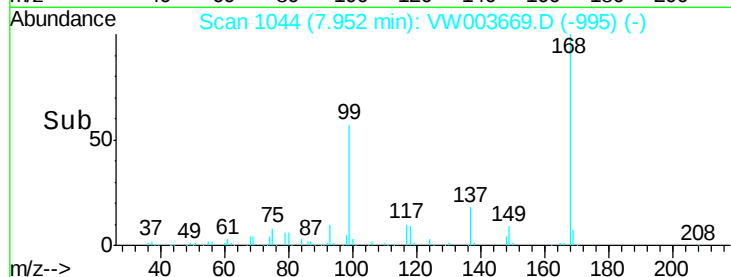
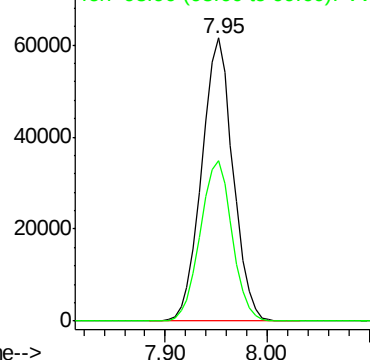
168 100

99 56.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.769 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003669.D

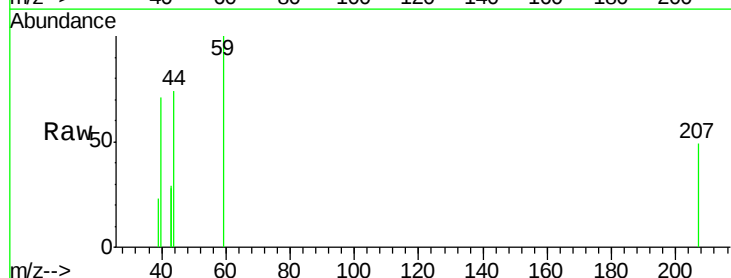
Acq: 29 Jun 2018 18:59

Tgt Ion: 59 Resp: 135

Ion Ratio Lower Upper

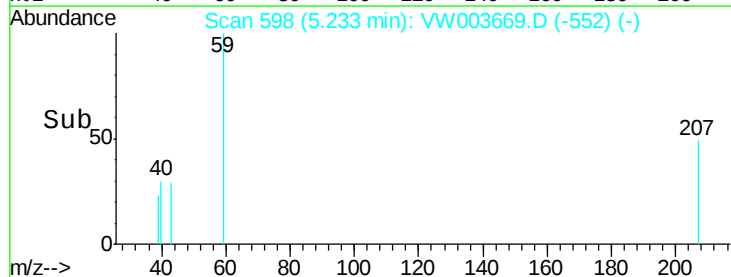
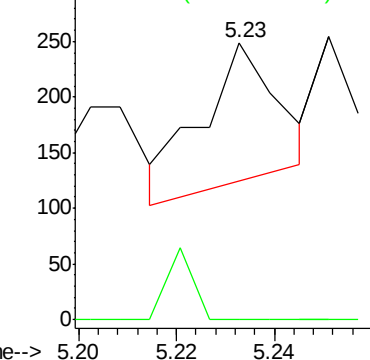
59 100

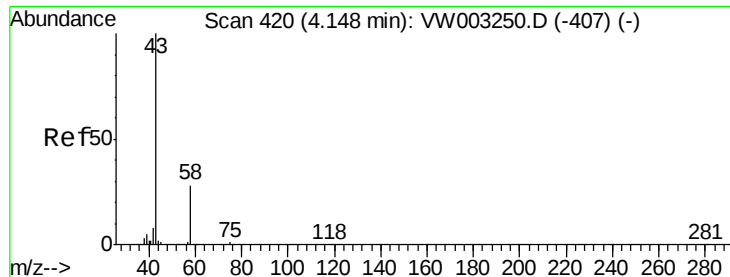
57 17.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 68.369 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003669.D

Acq: 29 Jun 2018 18:59

Instrument :

MSVOA_W

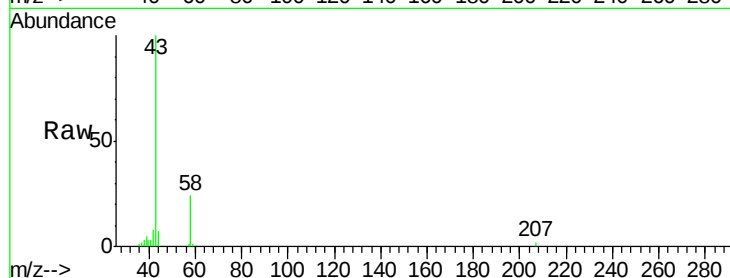
ClientSampleId :

Tot Ion: 43 Resp: 20404

Ion Ratio Lower Upper

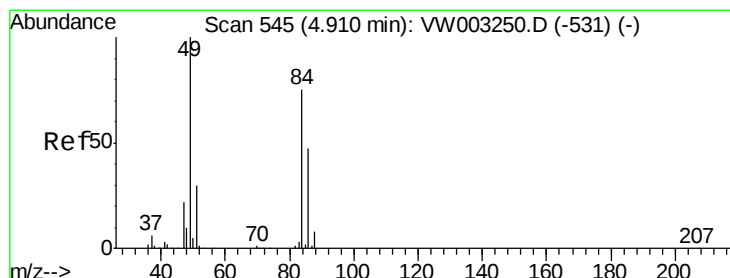
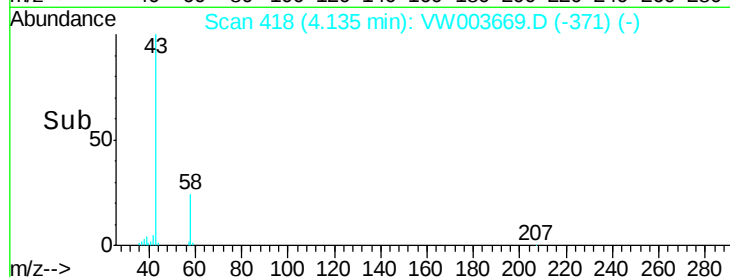
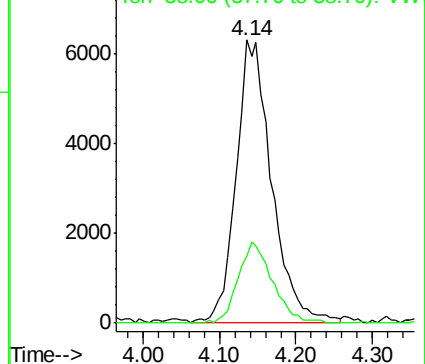
43 100

58 23.5 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: 2.293 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003669.D

Acq: 29 Jun 2018 18:59

Tgt Ion: 84 Resp: 7347

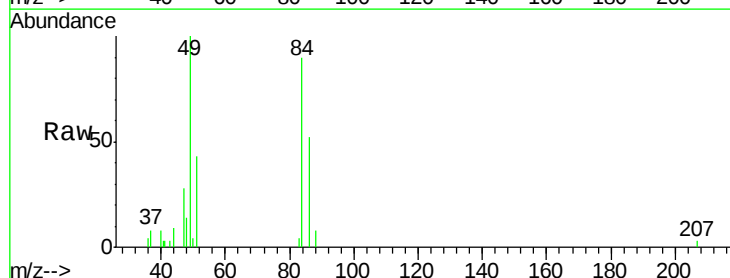
Ion Ratio Lower Upper

84 100

49 111.3 106.3 159.5

51 47.7 32.0 48.0

86 57.5 49.9 74.9

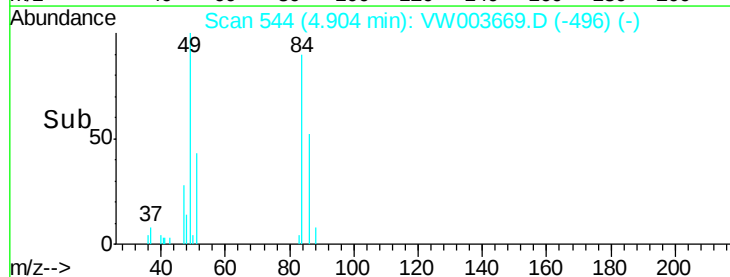
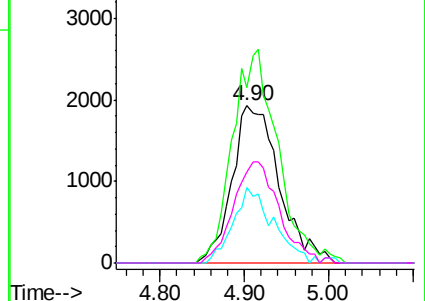


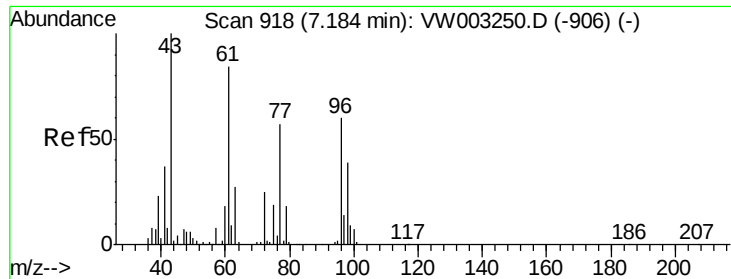
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 3.042 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW003669.D

Acq: 29 Jun 2018 18:59

Instrument :

MSVOA_W

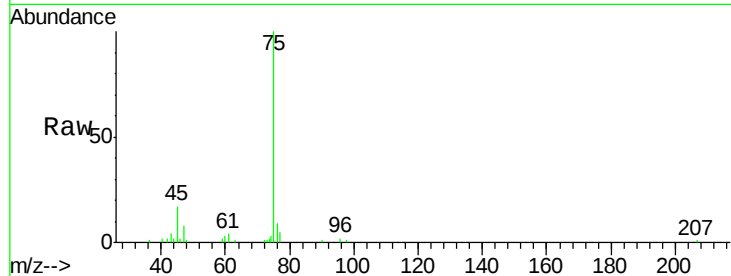
ClientSampleId :

Tot Ion: 43 Resp: 1129

Ion Ratio Lower Upper

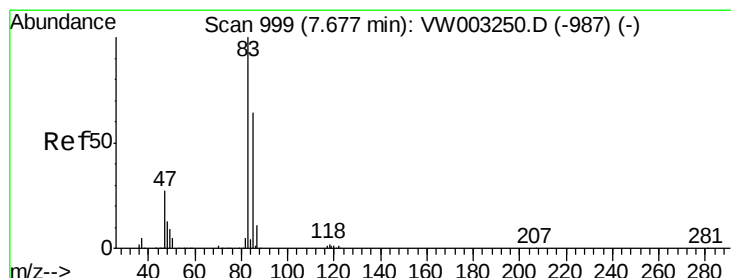
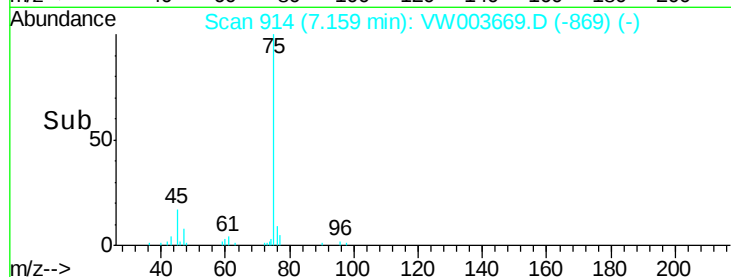
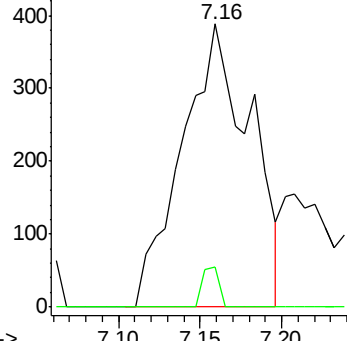
43 100

72 14.2 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#30

Chloroform

Concen: 1.203 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW003669.D

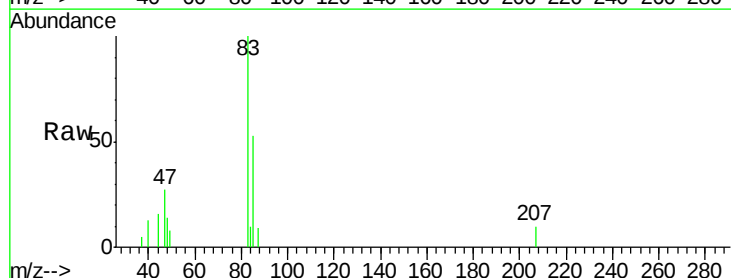
Acq: 29 Jun 2018 18:59

Tgt Ion: 83 Resp: 3017

Ion Ratio Lower Upper

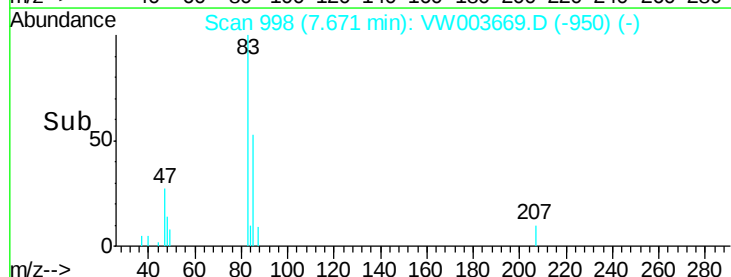
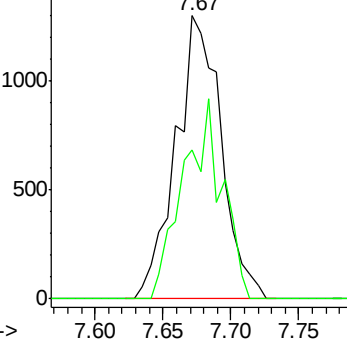
83 100

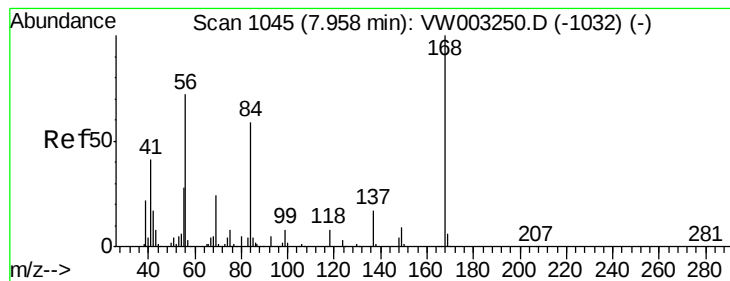
85 52.7 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 1.535 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003669.D

Acq: 29 Jun 2018 18:59

Instrument :
MSVOA_W
ClientSampled :

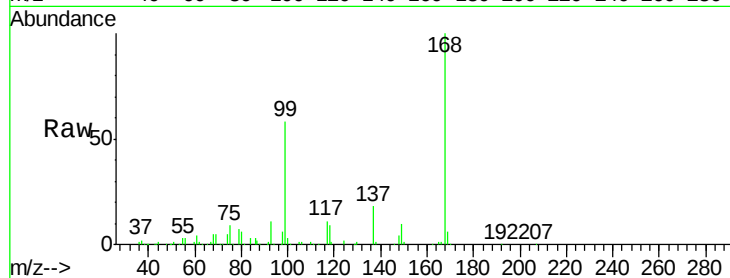
Tot Ion: 56 Resp: 3529

Ion Ratio Lower Upper

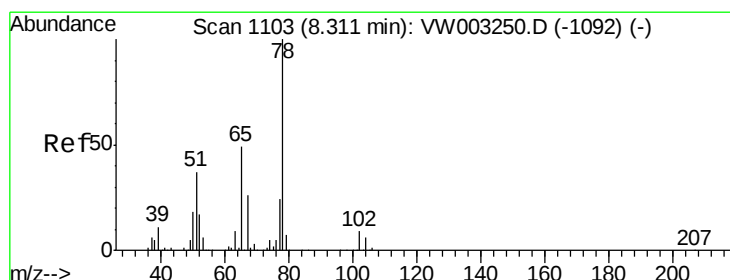
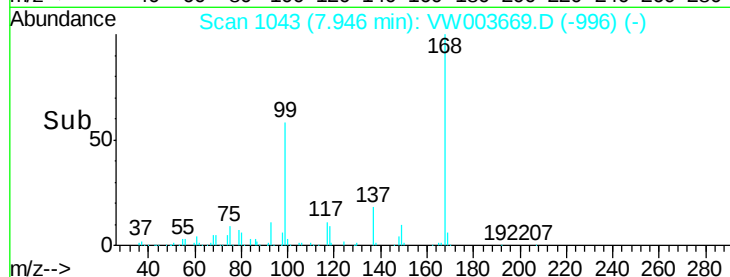
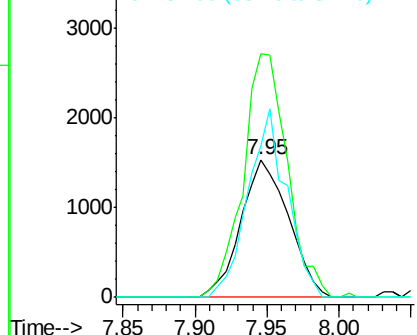
56 100

69 176.7 26.3 39.5#

84 110.0 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: 65.299 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003669.D

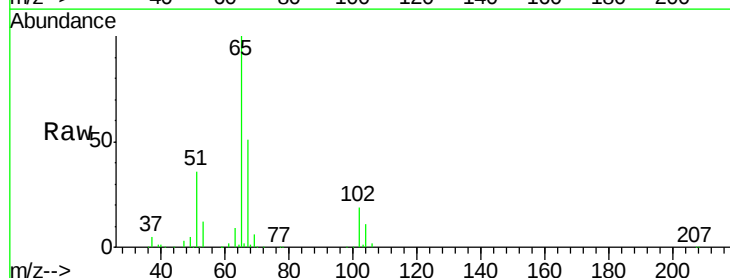
Acq: 29 Jun 2018 18:59

Tgt Ion: 65 Resp: 92919

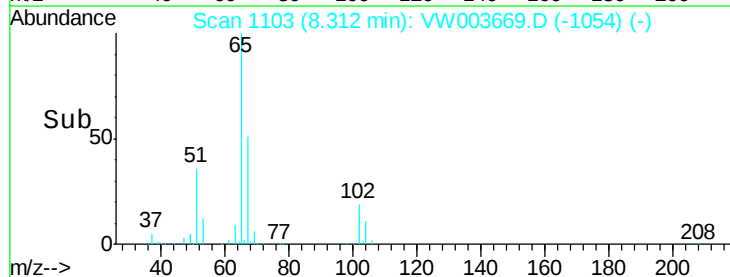
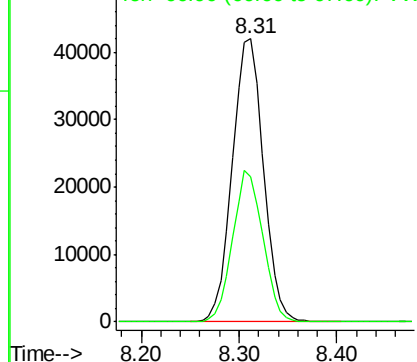
Ion Ratio Lower Upper

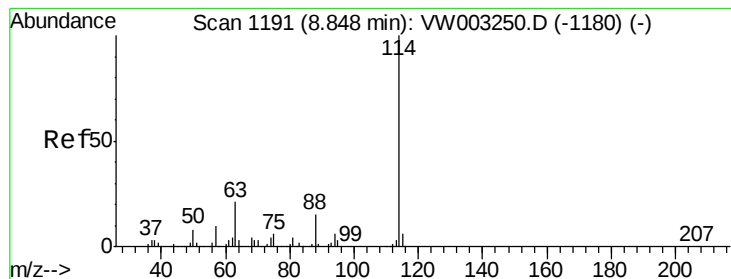
65 100

67 51.9 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: VW003669.D

Acq: 29 Jun 2018 18:59

Instrument :

MSVOA_W

ClientSampleId :

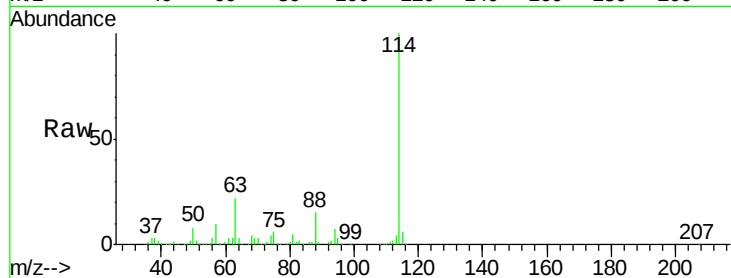
Tot Ion:114 Resp: 222713

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.0

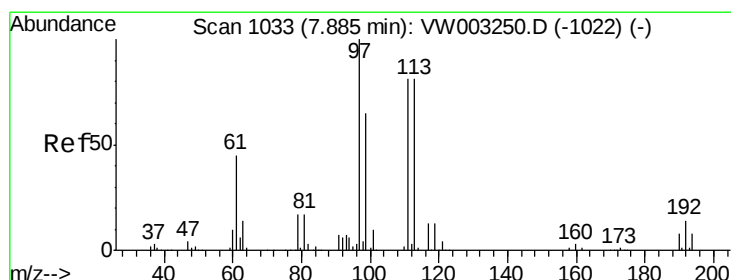
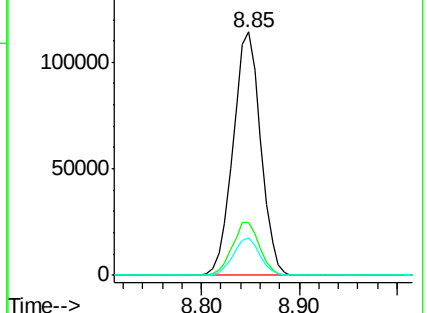
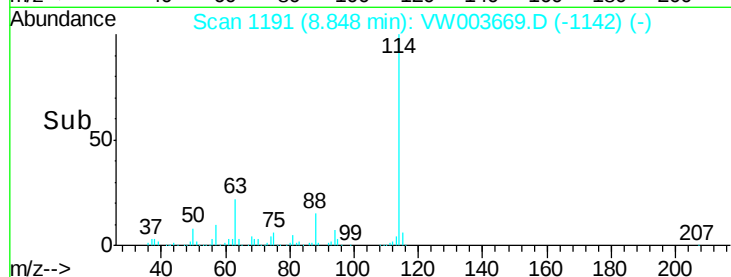
88 15.2 0.0 29.6



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: 57.572 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003669.D

Acq: 29 Jun 2018 18:59

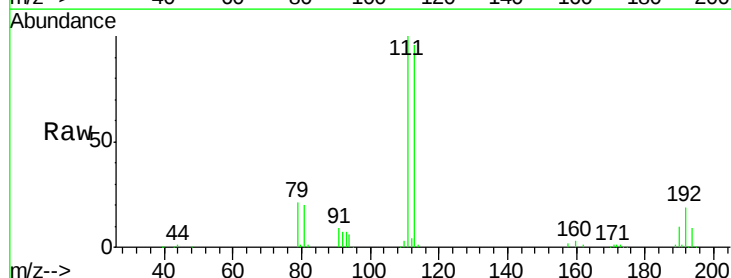
Tgt Ion:113 Resp: 79673

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

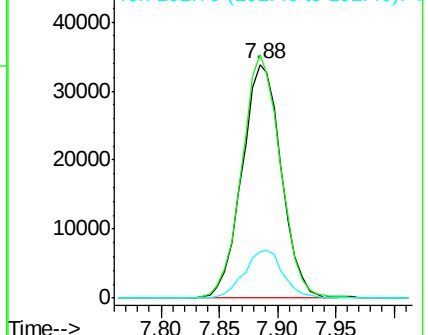
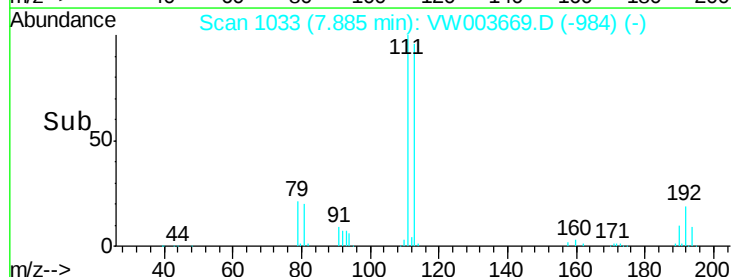
192 20.2 16.2 24.2

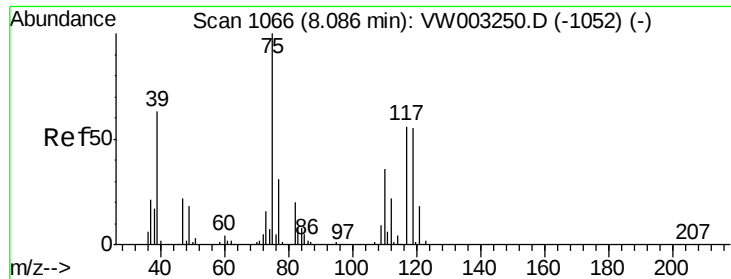


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

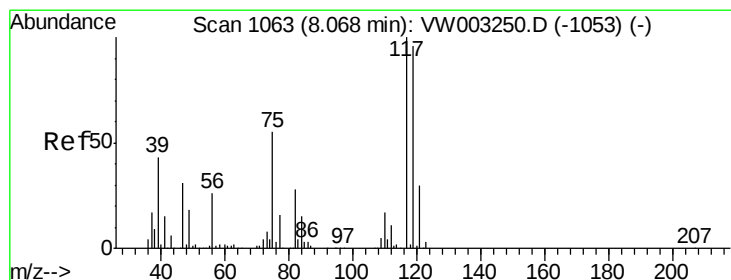
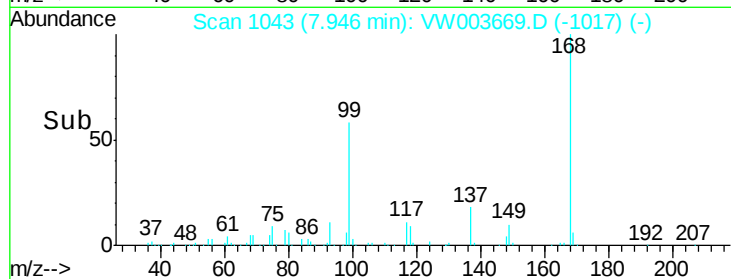
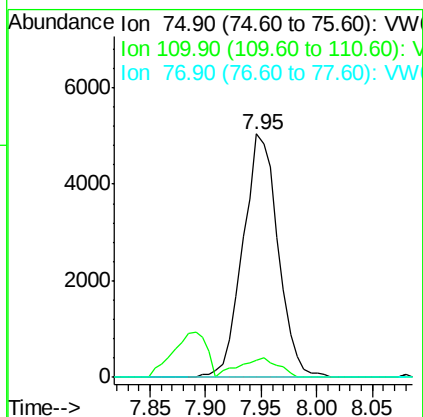
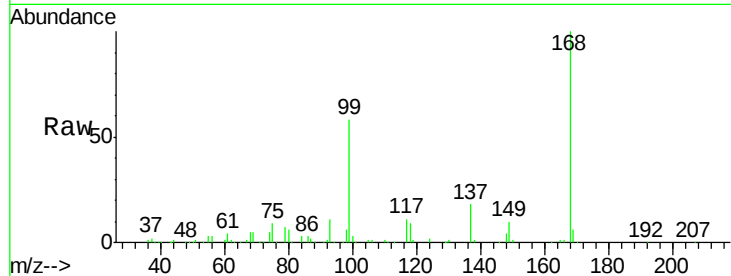




#36
 1,1-Dichloropropene
 Concen: 5.151 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.14 min
 Lab File: VW003669.D
 Acq: 29 Jun 2018 18:59

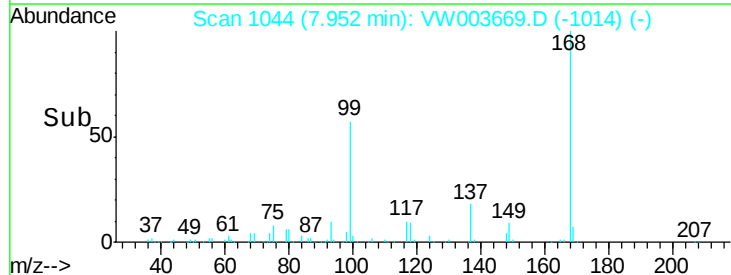
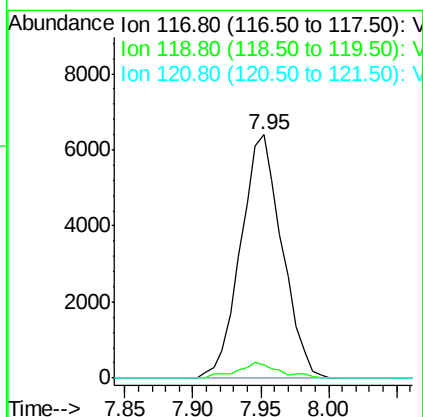
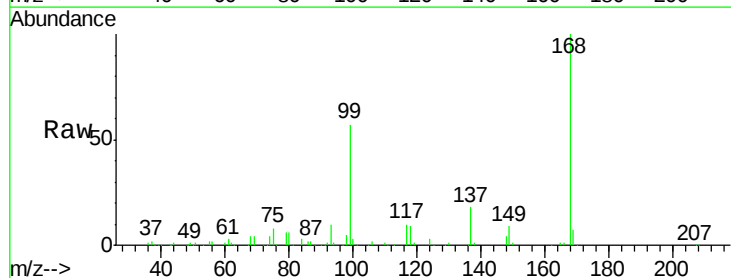
Instrument :
 MSVOA_W
 ClientSampleId :

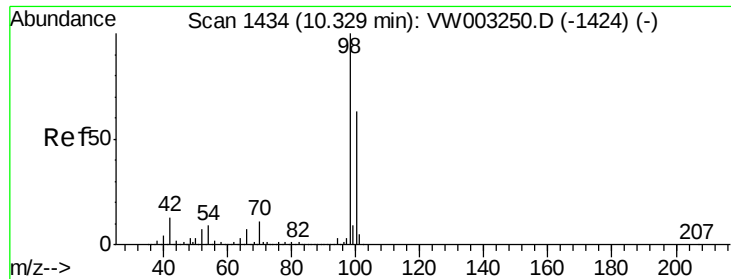
Tot Ion: 75 Resp: 11079
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.422 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003669.D
 Acq: 29 Jun 2018 18:59

Tgt Ion: 117 Resp: 13548
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 48.274 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003669.D

Acq: 29 Jun 2018 18:59

Instrument :

MSVOA_W

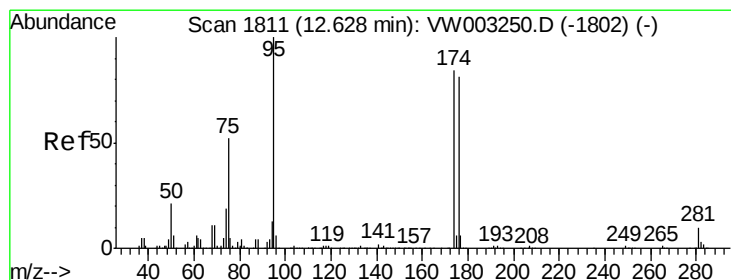
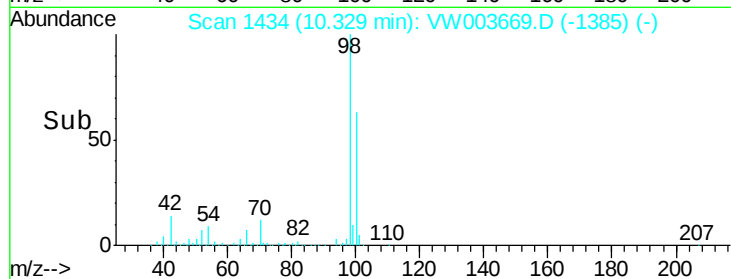
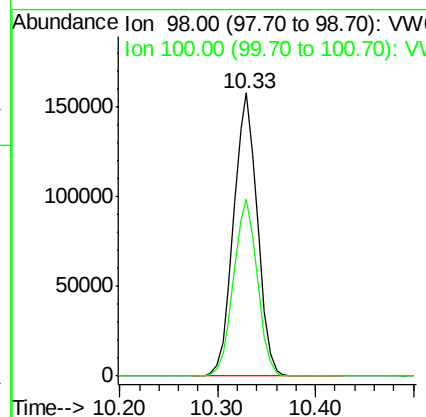
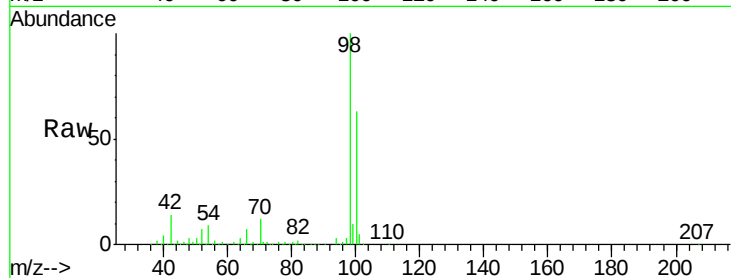
ClientSampleId :

Tot Ion: 98 Resp: 264899

Ion Ratio Lower Upper

98 100

100 62.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 43.696 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003669.D

Acq: 29 Jun 2018 18:59

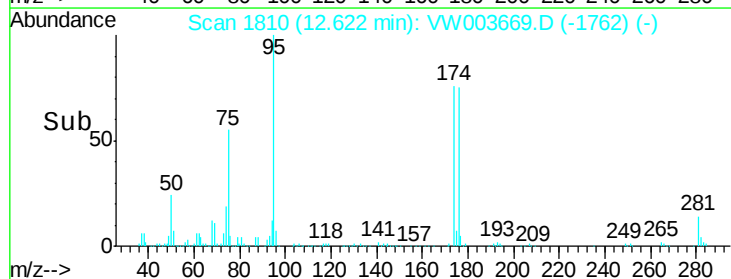
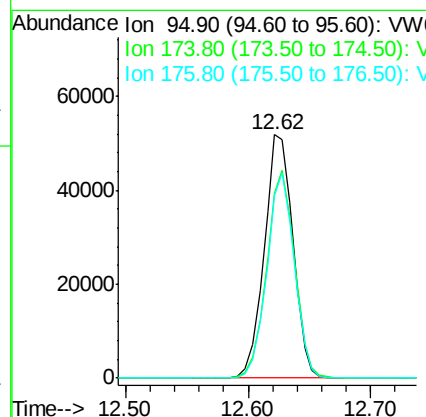
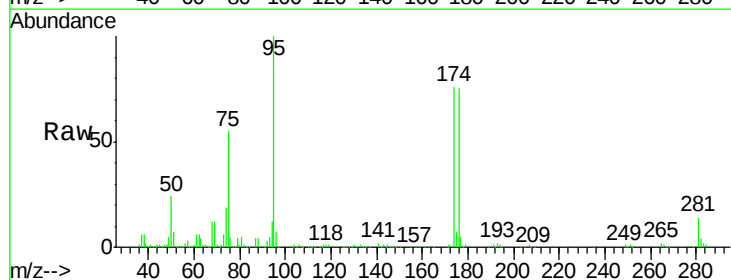
Tgt Ion: 95 Resp: 84854

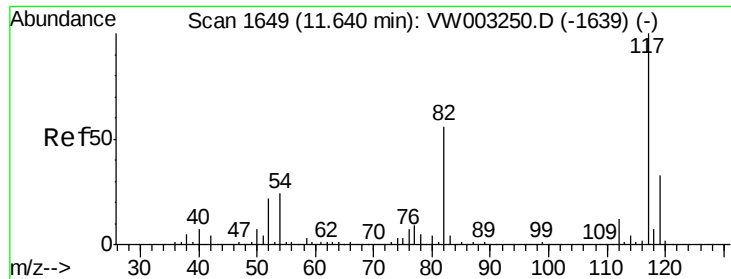
Ion Ratio Lower Upper

95 100

174 82.8 0.0 166.4

176 80.1 0.0 162.0

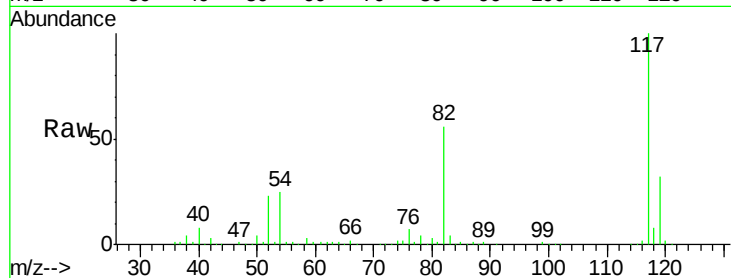




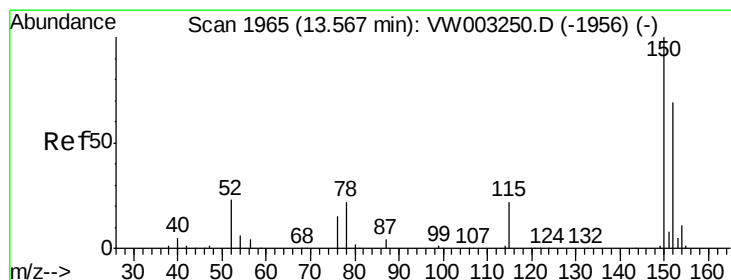
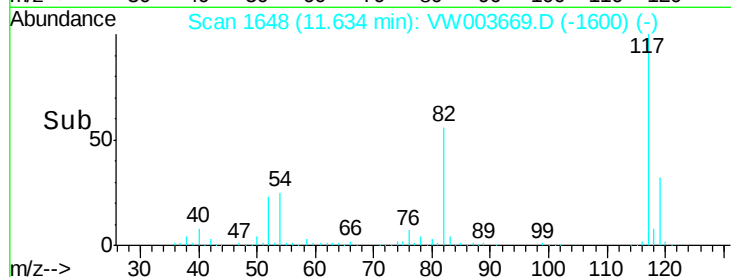
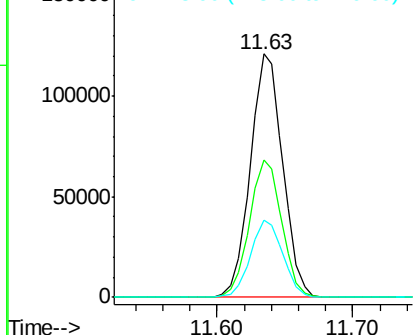
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003669.D
Acq: 29 Jun 2018 18:59

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 201828
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 31.8 26.7 40.1

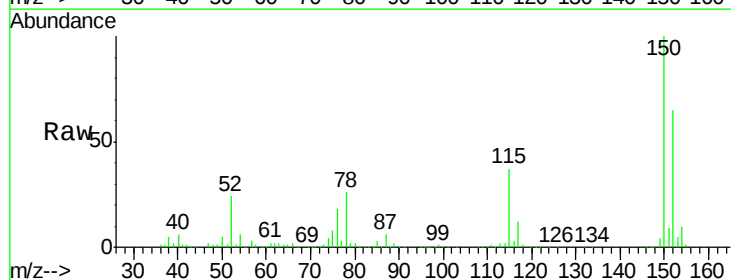


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

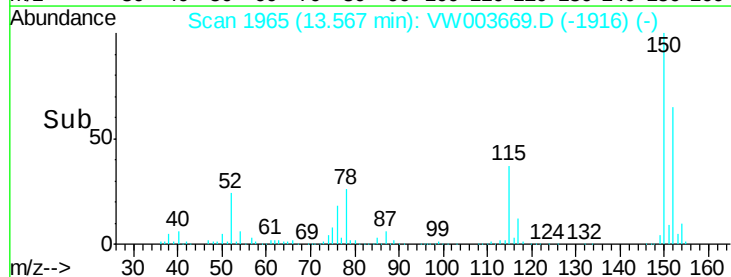
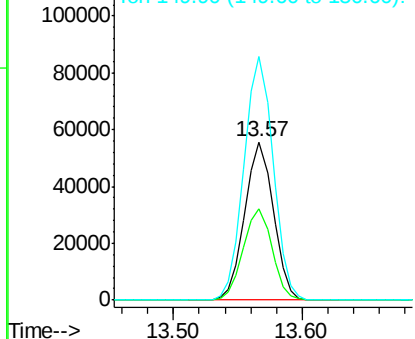


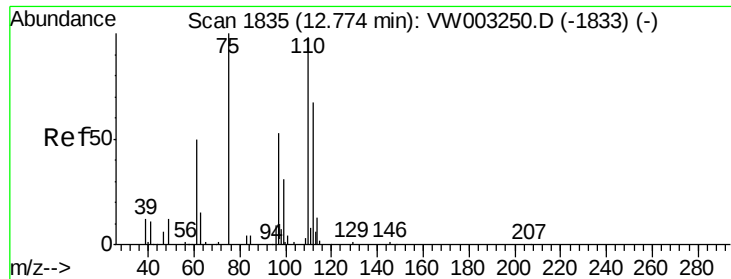
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003669.D
Acq: 29 Jun 2018 18:59

Tgt Ion:152 Resp: 85438
Ion Ratio Lower Upper
152 100
115 58.2 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: 63.894 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003669.D

Acq: 29 Jun 2018 18:59

Instrument :

MSVOA_W

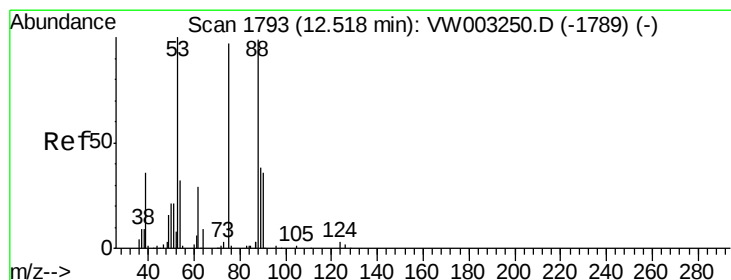
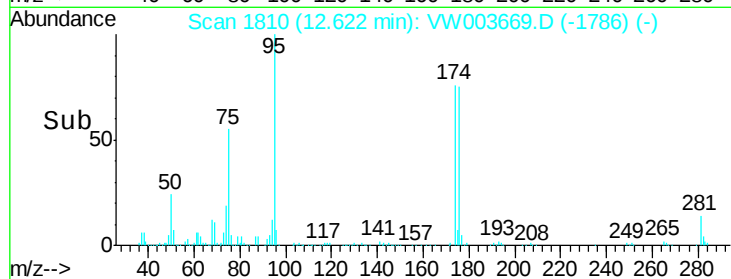
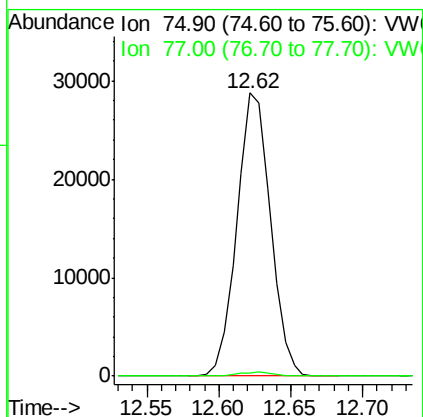
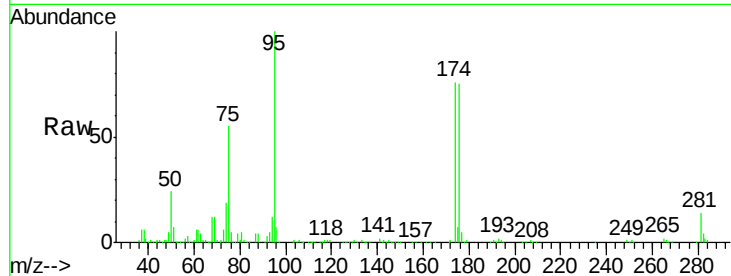
ClientSampleId :

Tot Ion: 75 Resp: 46668

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 147.024 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003669.D

Acq: 29 Jun 2018 18:59

Tgt Ion: 75 Resp: 46668

Ion Ratio Lower Upper

75 100

53 0.5 82.9 124.3#

89 0.1 36.7 55.1#

