

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003263.D
 Acq On : 14 Jun 2018 19:40
 Operator : VA/AP
 Sample : VW0615SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBL01

Quant Time: Jun 15 06:44:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	331188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	161257	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	138790	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
35) Dibromofluoromethane	7.88	113	119491	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	10.33	98	450626	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.63	95	150202	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	

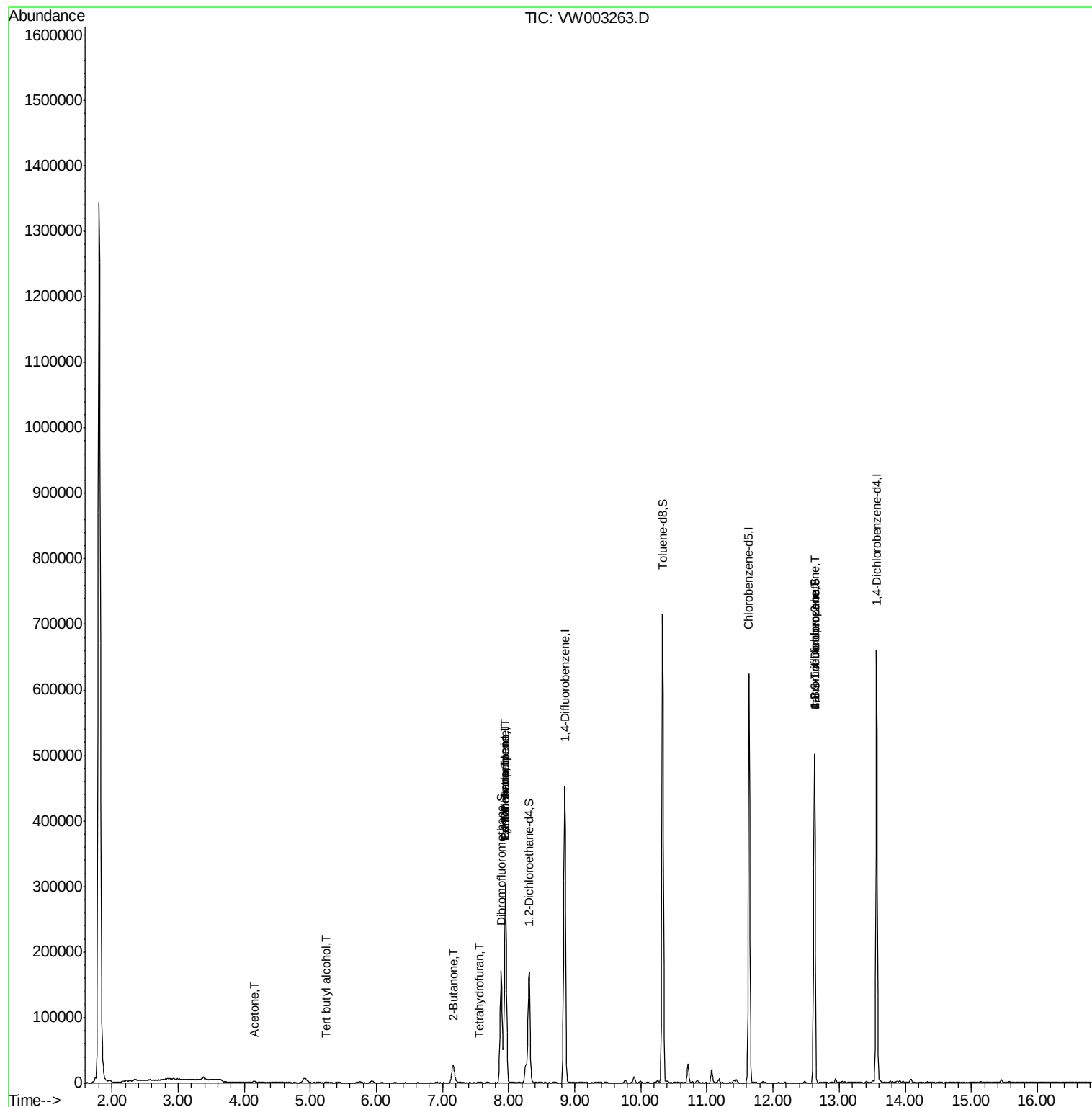
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	139	1.082	ug/l #	33
16) Acetone	4.16	43	4371	8.699	ug/l	96
20) Methylene Chloride	4.90	84	5044	Below Cal		96
25) 2-Butanone	7.16	43	2148	3.438	ug/l #	50
29) Tetrahydrofuran	7.55	42	468	1.226	ug/l #	39
31) Cyclohexane	7.95	56	6009	1.552	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	18246	5.264	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21874	6.434	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	81423	59.064	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	81423	135.909	ug/l #	8

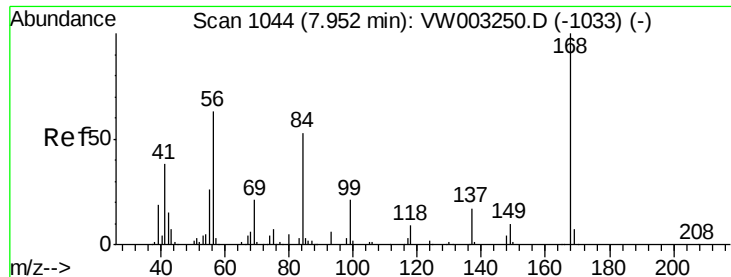
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
Data File : VW003263.D
Acq On : 14 Jun 2018 19:40
Operator : VA/AP
Sample : VW0615SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBL01

Quant Time: Jun 15 06:44:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 08:20:43 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: VW003263.D

Acq: 14 Jun 2018 19:40

Instrument :

MSVOA_W

ClientSampleId :

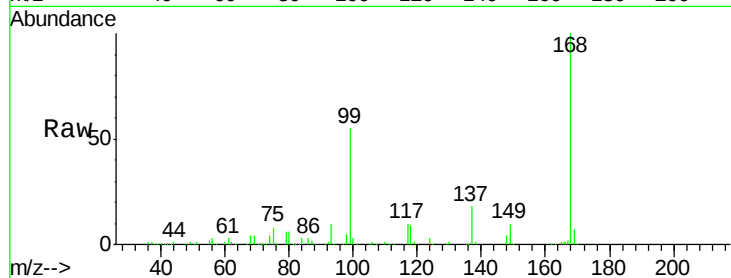
VW0615SBL01

Tgt Ion: 168 Resp: 221175

Ion Ratio Lower Upper

168 100

99 55.2 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

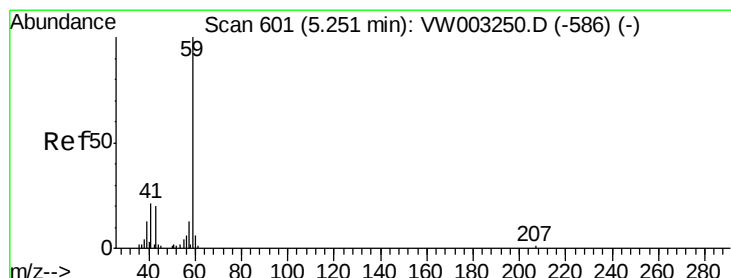
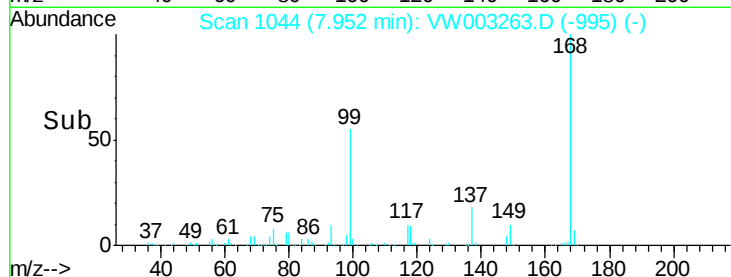
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.082 ug/l

RT: 5.24 min Scan# 599

Delta R.T. -0.01 min

Lab File: VW003263.D

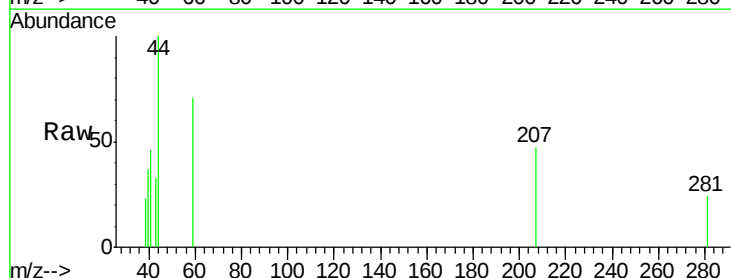
Acq: 14 Jun 2018 19:40

Tgt Ion: 59 Resp: 139

Ion Ratio Lower Upper

59 100

57 27.3 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

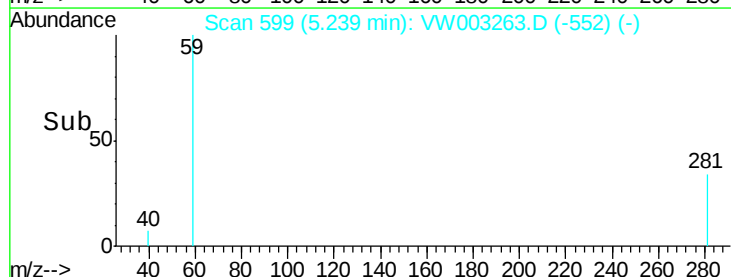
150

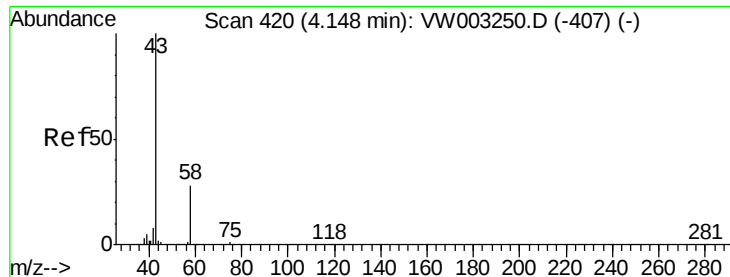
100

50

0

Time--> 5.22 5.23 5.24 5.25





#16

Acetone

Concen: 8.699 ug/l

RT: 4.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

Instrument :

MSVOA_W

ClientSampleId :

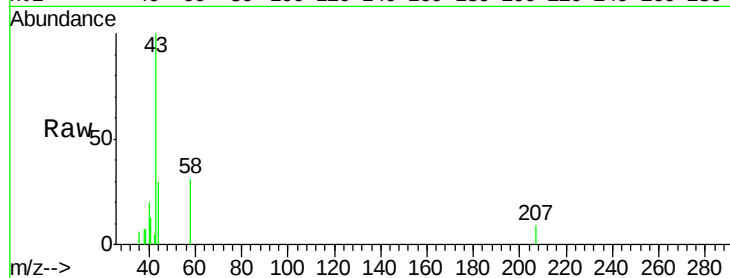
VW0615SBL01

Tgt Ion: 43 Resp: 4371

Ion Ratio Lower Upper

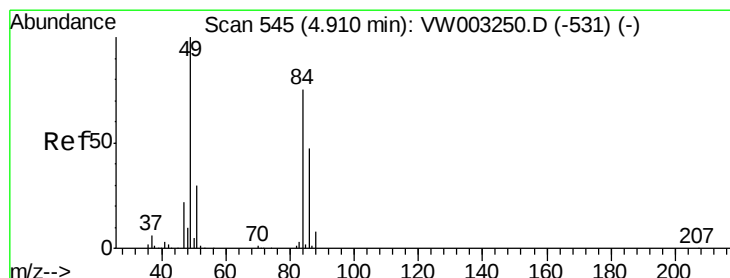
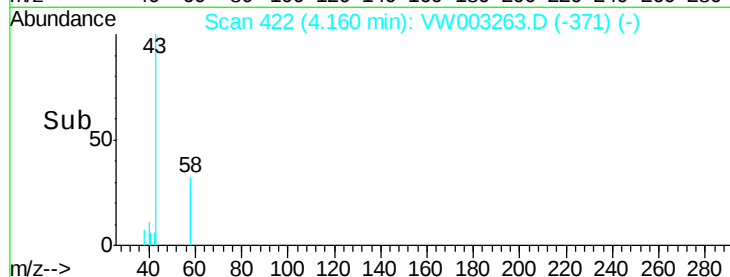
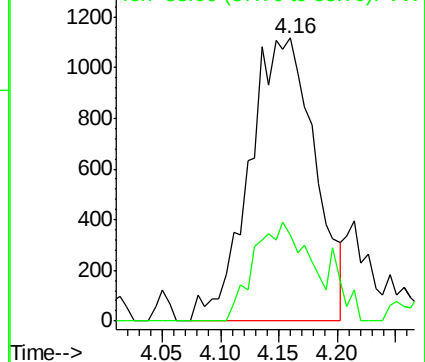
43 100

58 30.5 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: Below Cal

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

Tgt Ion: 84 Resp: 5044

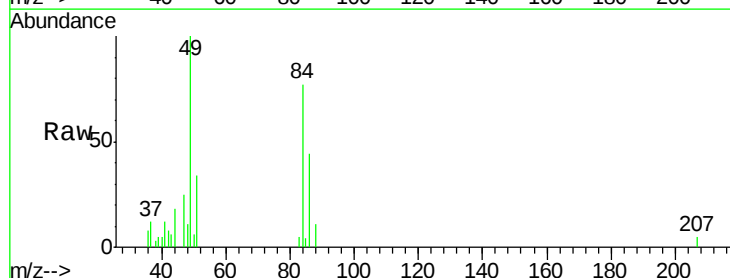
Ion Ratio Lower Upper

84 100

49 130.7 106.3 159.5

51 45.1 32.0 48.0

86 56.9 49.9 74.9

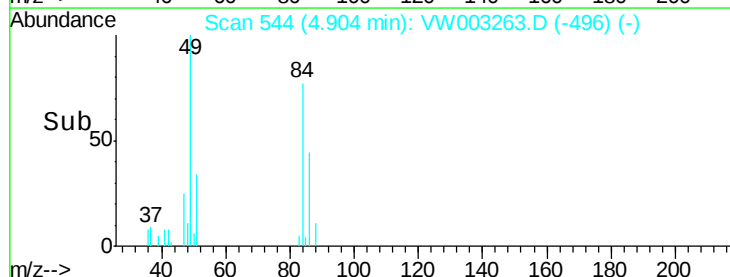
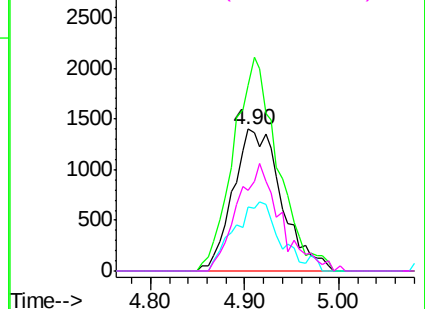


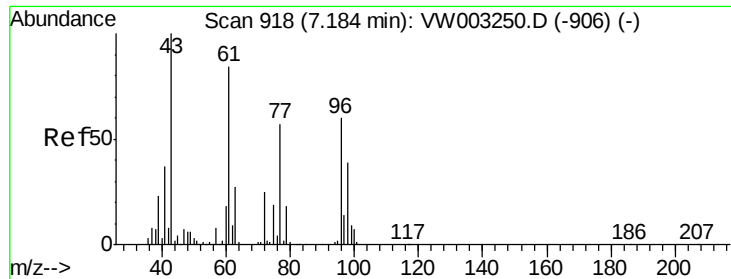
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 3.438 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

Instrument :

MSVOA_W

ClientSampleId :

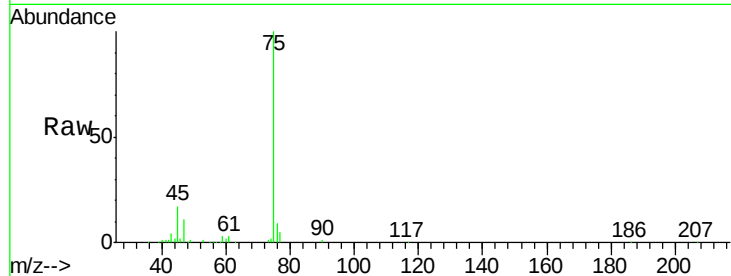
VW0615SBL01

Tgt Ion: 43 Resp: 2148

Ion Ratio Lower Upper

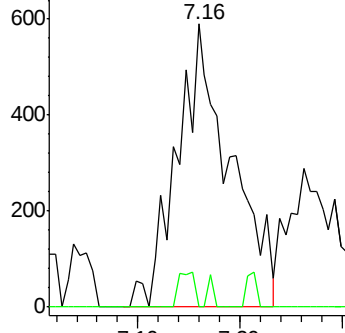
43 100

72 0.0 20.3 30.5#

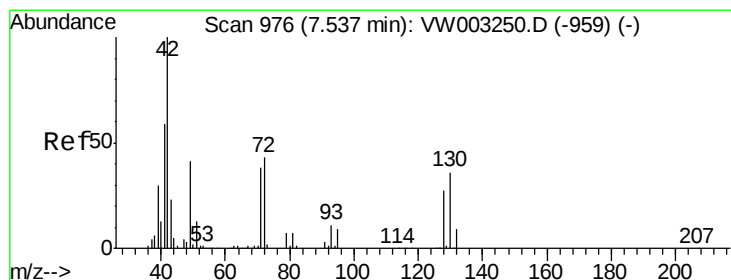
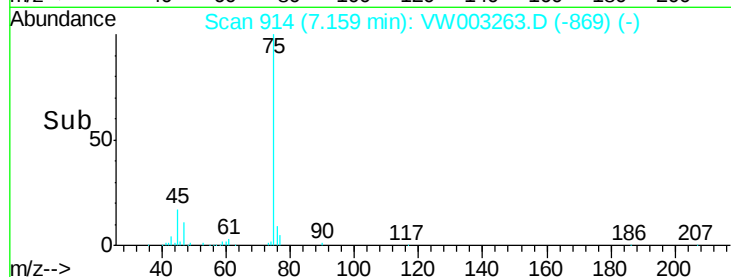


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#29

Tetrahydrofuran

Concen: 1.226 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

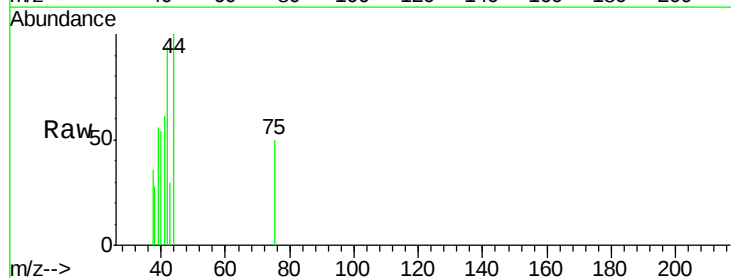
Tgt Ion: 42 Resp: 468

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

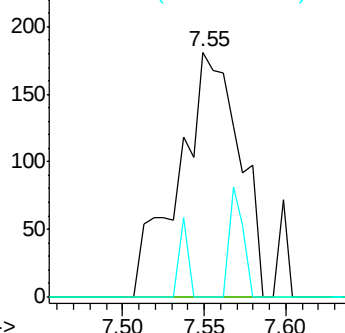
71 4.7 31.2 46.8#



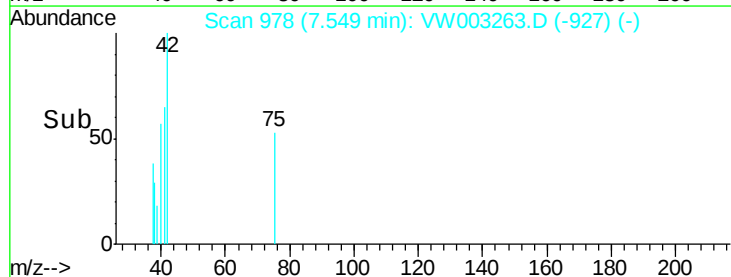
Abundance Ion 42.00 (41.70 to 42.70): VW

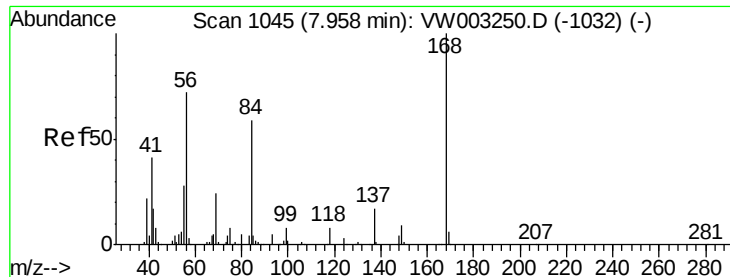
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



Time-->

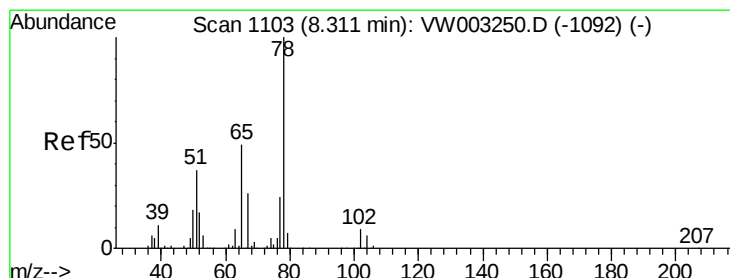
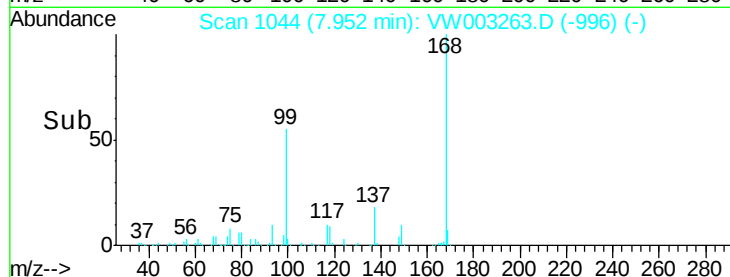
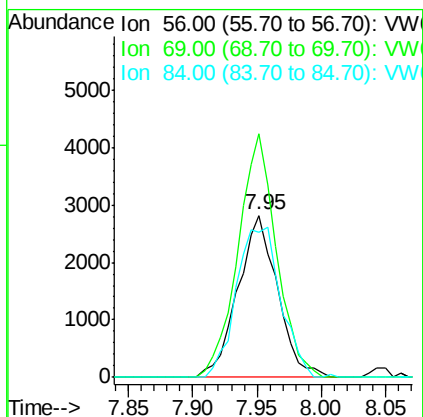
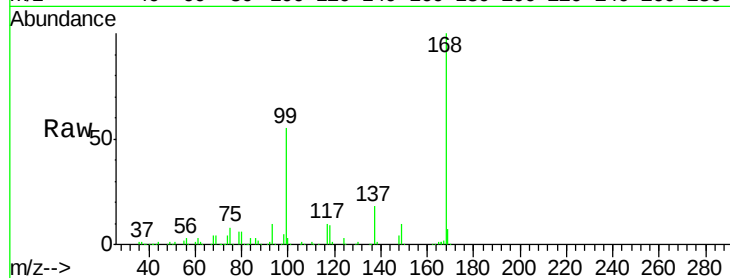




#31
Cyclohexane
Concen: 1.552 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003263.D
Acq: 14 Jun 2018 19:40

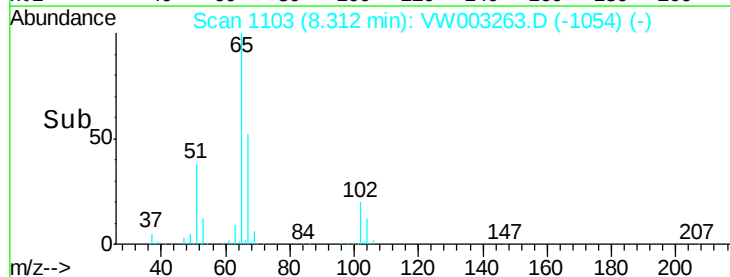
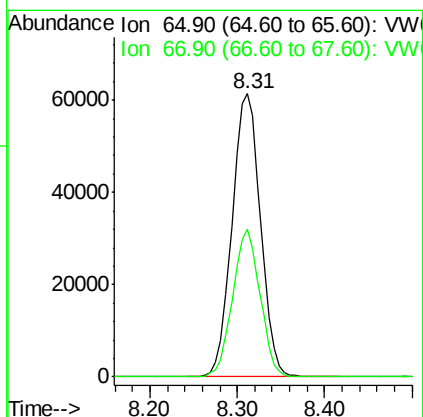
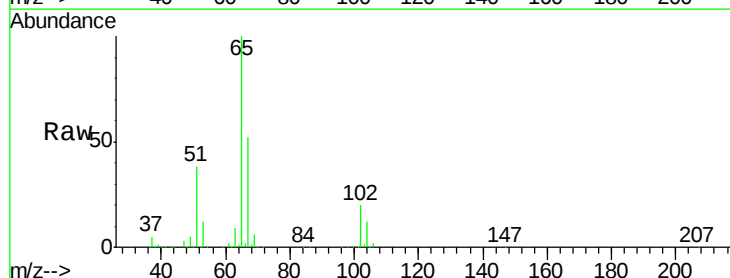
Instrument :
MSVOA_W
ClientSampled :
VW0615SBL01

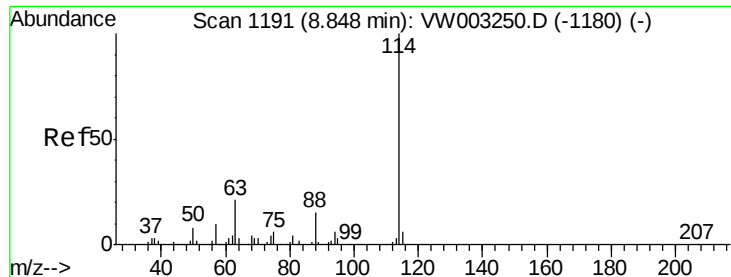
Tgt Ion: 56 Resp: 6009
Ion Ratio Lower Upper
56 100
69 150.2 26.3 39.5#
84 89.8 65.7 98.5



#33
1,2-Dichloroethane-d4
Concen: 57.934 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003263.D
Acq: 14 Jun 2018 19:40

Tgt Ion: 65 Resp: 138790
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.2

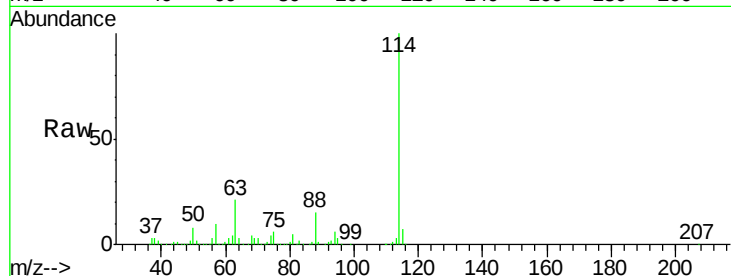




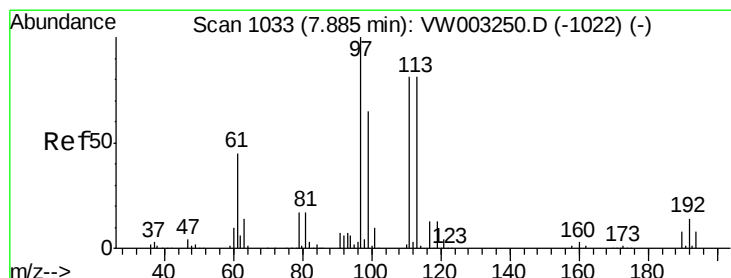
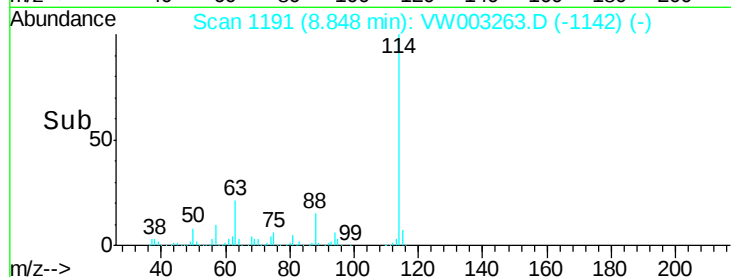
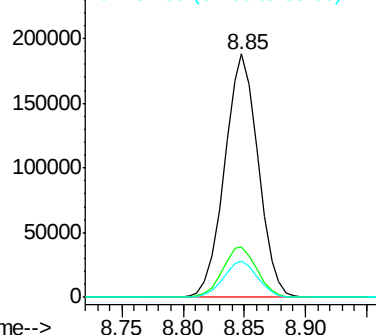
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003263.D
 Acq: 14 Jun 2018 19:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0615SBL01

Tgt Ion:	114	Resp:	358900
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.0
88	14.7	0.0	29.6

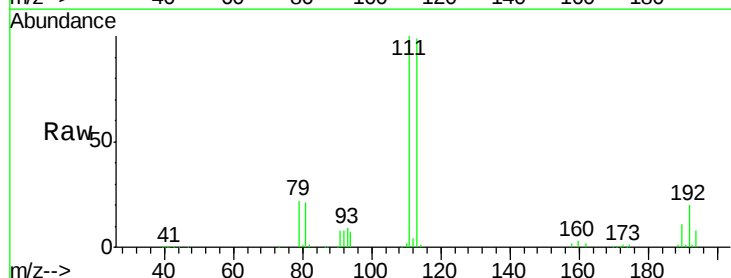


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

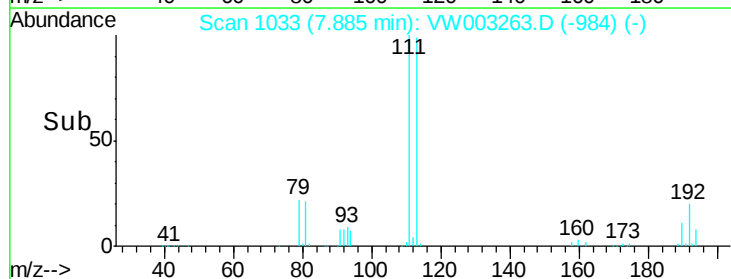
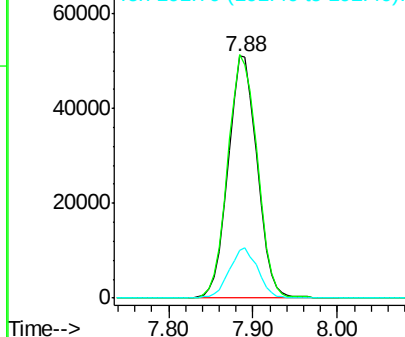


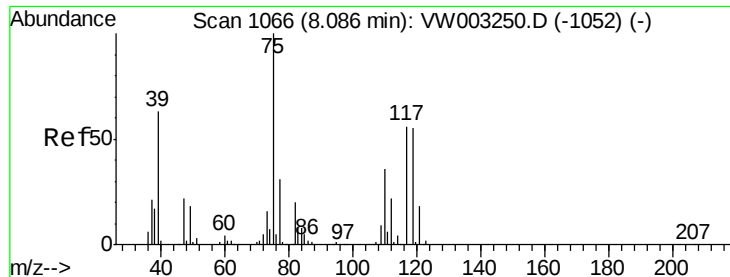
#35
 Dibromofluoromethane
 Concen: 53.581 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003263.D
 Acq: 14 Jun 2018 19:40

Tgt Ion:	113	Resp:	119491
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	20.4	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: 5.264 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

Instrument :

MSVOA_W

ClientSampleId :

VW0615SBL01

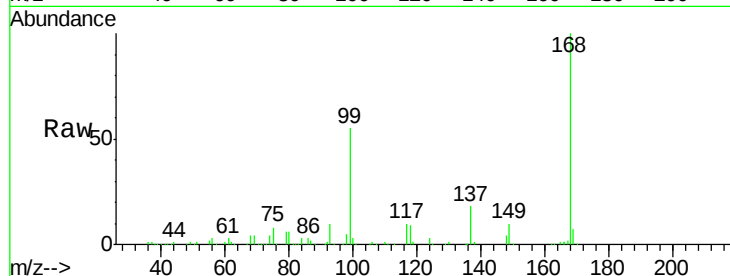
Tgt Ion: 75 Resp: 18246

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.3#

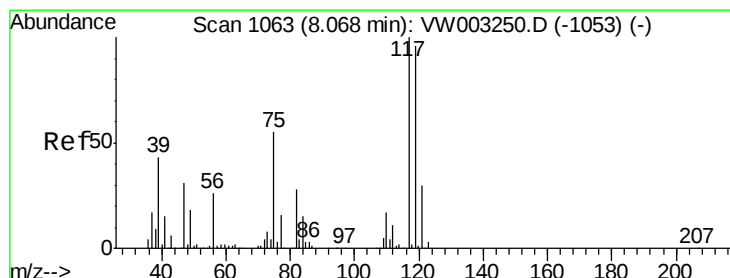
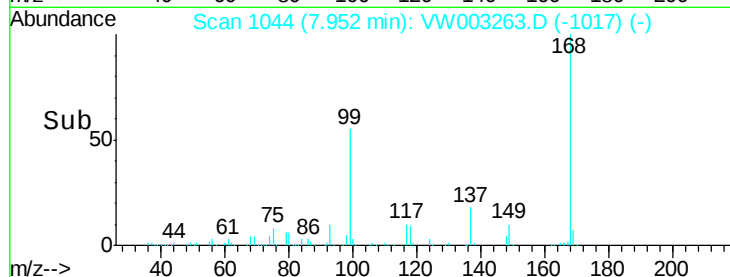
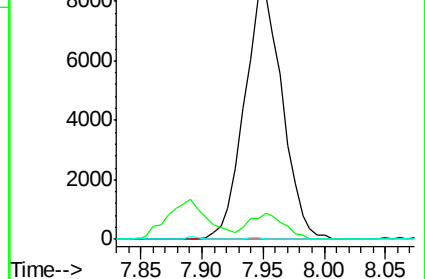
77 0.3 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.434 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

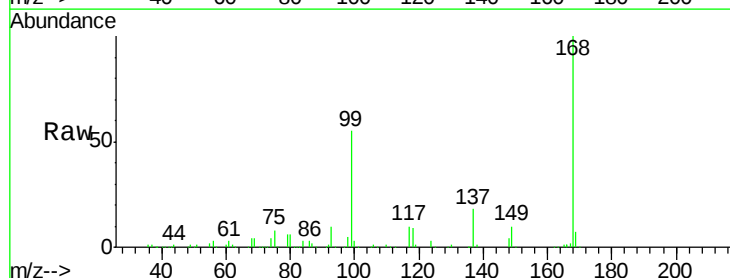
Tgt Ion: 117 Resp: 21874

Ion Ratio Lower Upper

117 100

119 5.3 76.6 115.0#

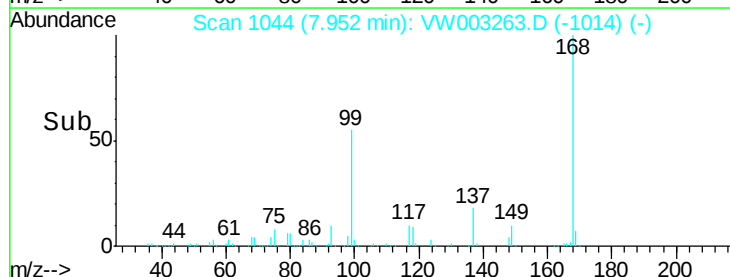
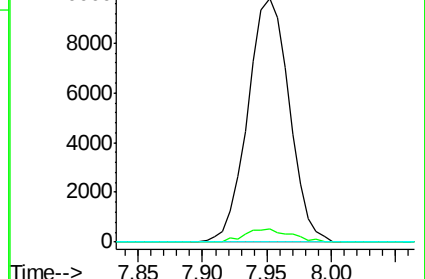
121 0.0 23.9 35.9#

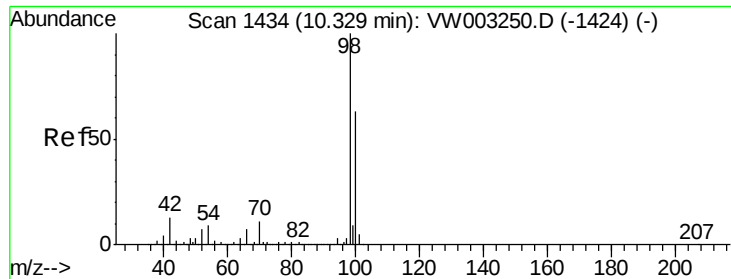


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.960 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

Instrument :

MSVOA_W

ClientSampleId :

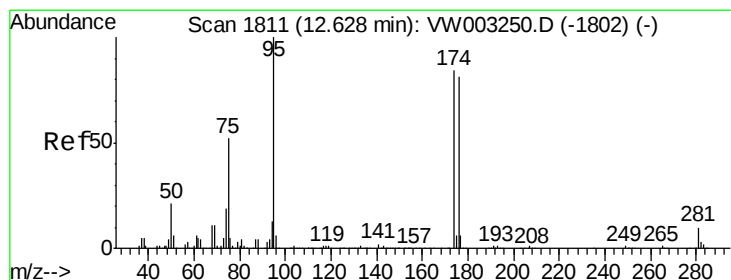
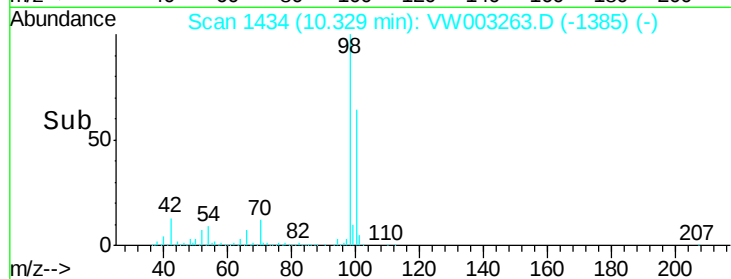
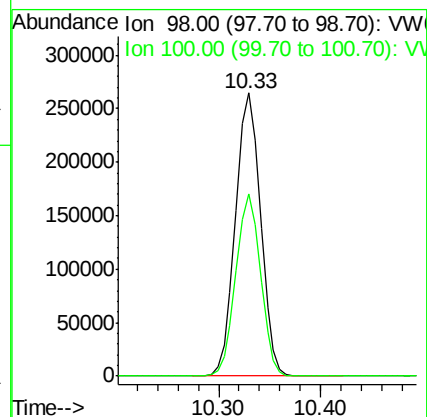
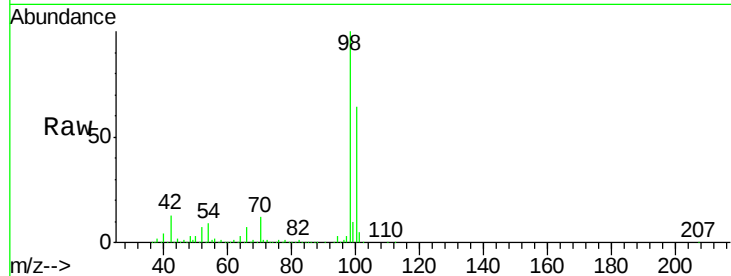
VW0615SBL01

Tgt Ion: 98 Resp: 450626

Ion Ratio Lower Upper

98 100

100 63.3 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 47.997 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

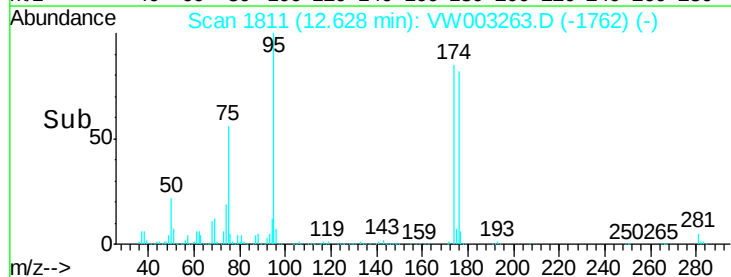
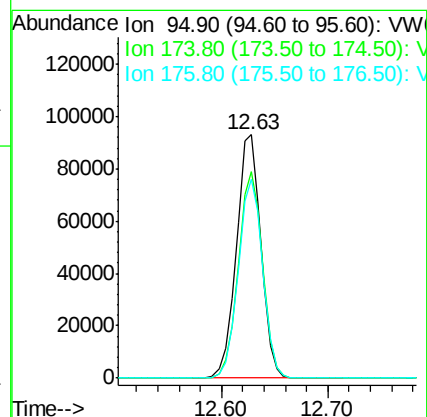
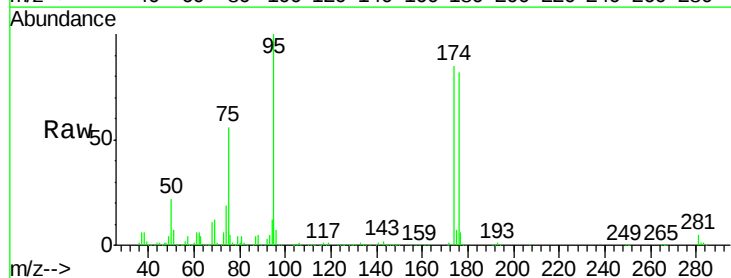
Tgt Ion: 95 Resp: 150202

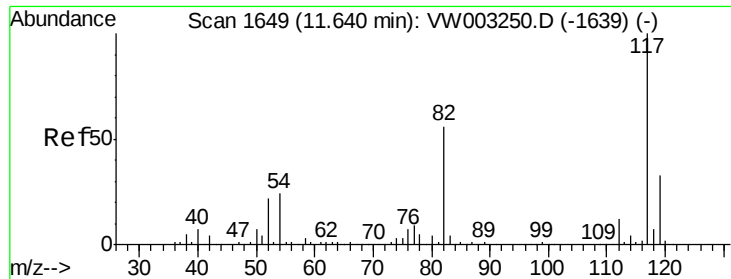
Ion Ratio Lower Upper

95 100

174 83.7 0.0 166.4

176 81.0 0.0 162.0

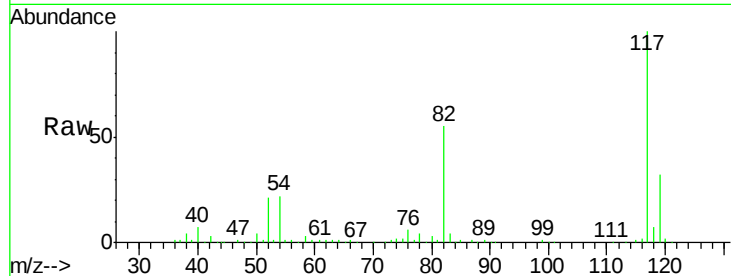




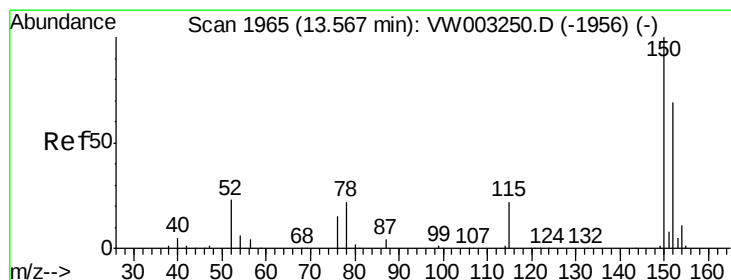
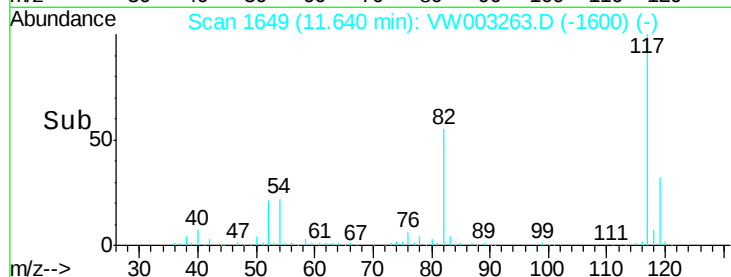
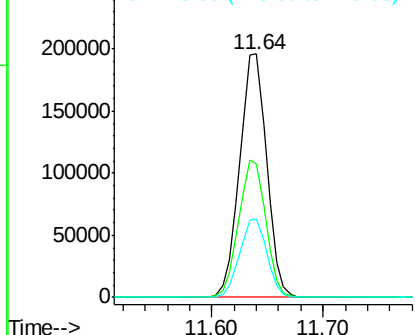
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003263.D
Acq: 14 Jun 2018 19:40

Instrument :
MSVOA_W
ClientSampleId :
VW0615SBL01

Tgt Ion:117 Resp: 331188
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.3 26.7 40.1

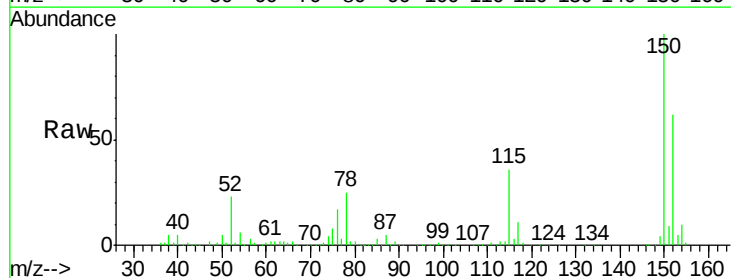


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

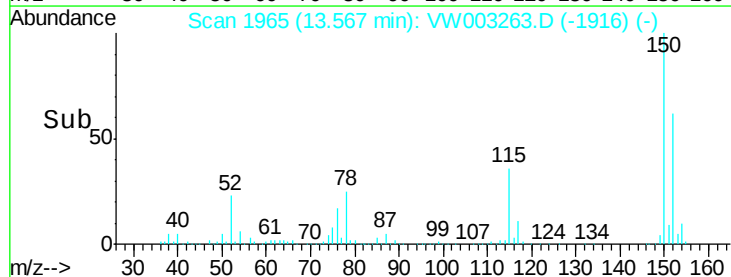
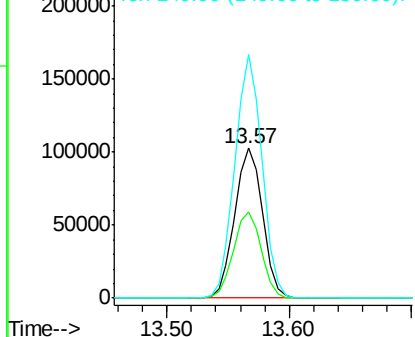


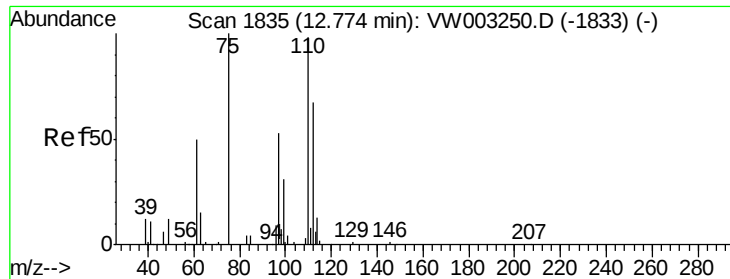
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003263.D
Acq: 14 Jun 2018 19:40

Tgt Ion:152 Resp: 161257
Ion Ratio Lower Upper
152 100
115 57.3 29.3 88.0
150 158.3 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: 59.064 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

Instrument :

MSVOA_W

ClientSampleId :

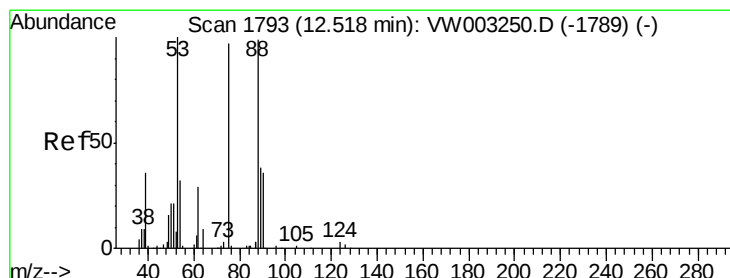
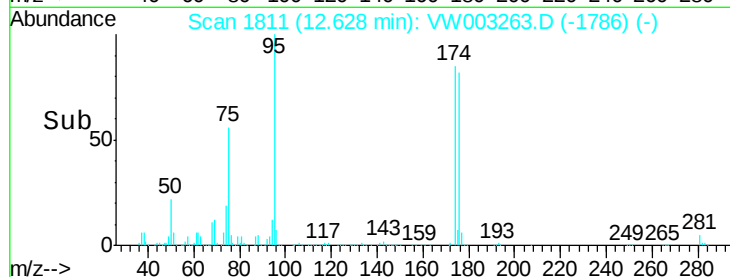
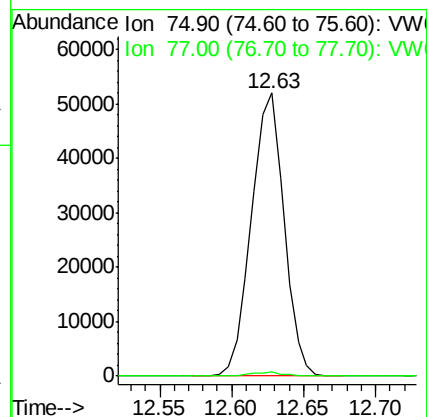
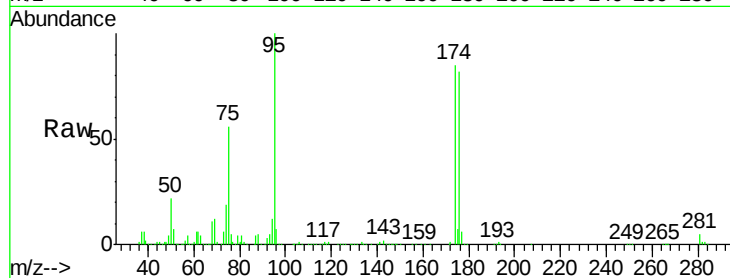
VW0615SBL01

Tgt Ion: 75 Resp: 81423

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.909 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003263.D

Acq: 14 Jun 2018 19:40

Tgt Ion: 75 Resp: 81423

Ion Ratio Lower Upper

75 100

53 0.2 82.9 124.3#

89 0.1 36.7 55.1#

