

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
 Data File : VW004221.D
 Acq On : 26 Jul 2018 04:07
 Operator : SY/AP
 Sample : J4095-09
 Misc : 12.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-09-7-9

Quant Time: Jul 26 05:15:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162563	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	153273	65.43	ug/l	0.00
Spiked Amount			Recovery	=	130.86%	
35) Dibromofluoromethane	7.88	113	127184	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	10.33	98	454236	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.62	95	141893	39.84	ug/l	0.00
Spiked Amount			Recovery	=	79.68%	

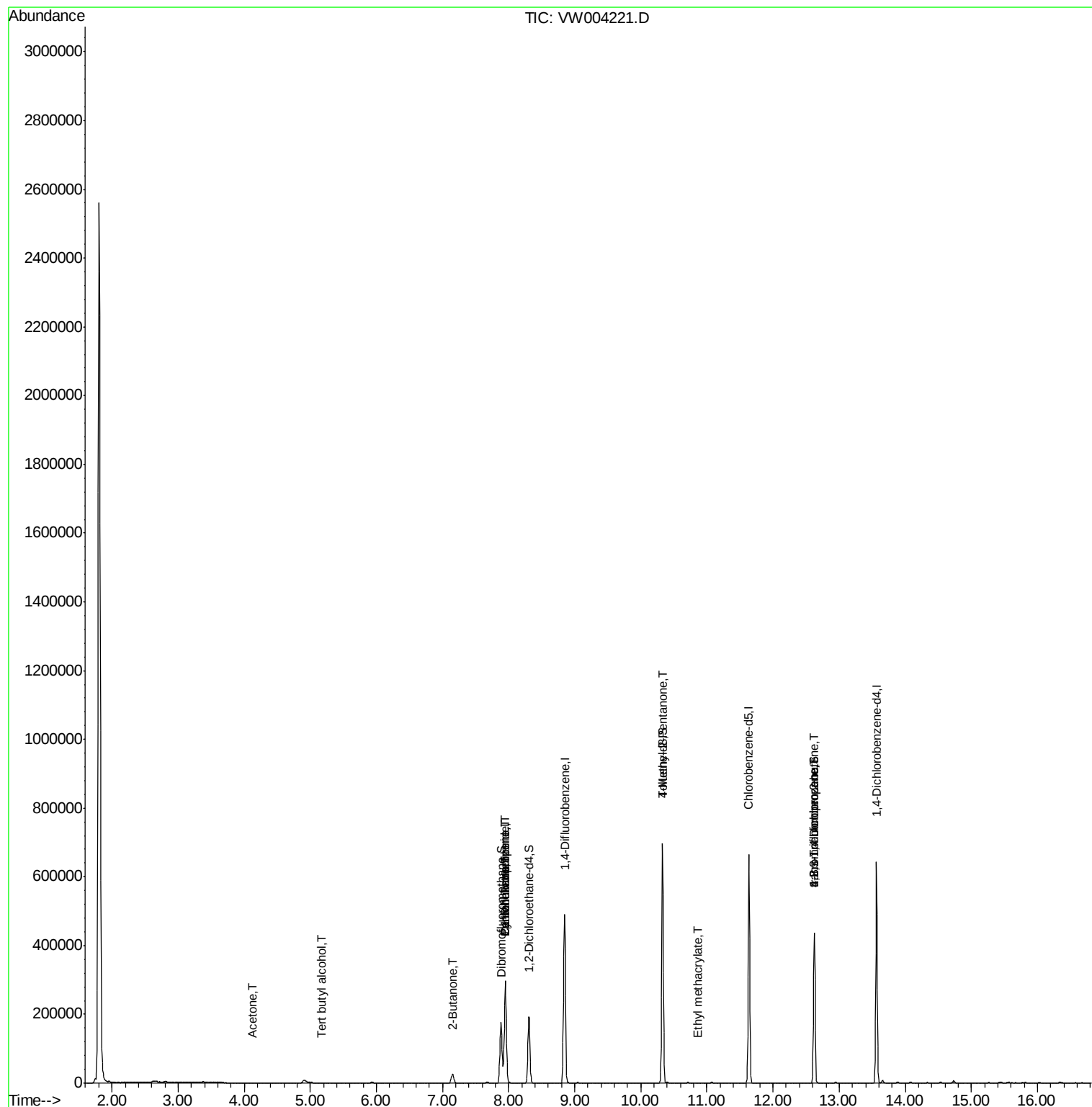
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	419	2.591	ug/l #	72
16) Acetone	4.13	43	1422	2.526	ug/l #	64
20) Methylene Chloride	4.91	84	7190	Below Cal		95
25) 2-Butanone	7.15	43	1634	2.157	ug/l #	83
31) Cyclohexane	7.95	56	5327	1.371	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17884	4.381	ug/l #	50
38) Carbon Tetrachloride	7.95	117	21012	5.509	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	2050	1.045	ug/l #	1
56) Ethyl methacrylate	10.87	69	23	2.953	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	74198	45.975	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74198	101.696	ug/l #	11

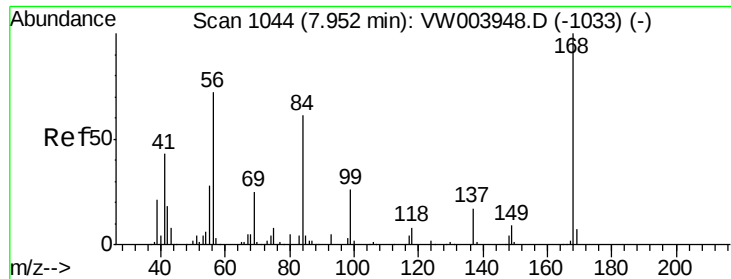
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072618\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

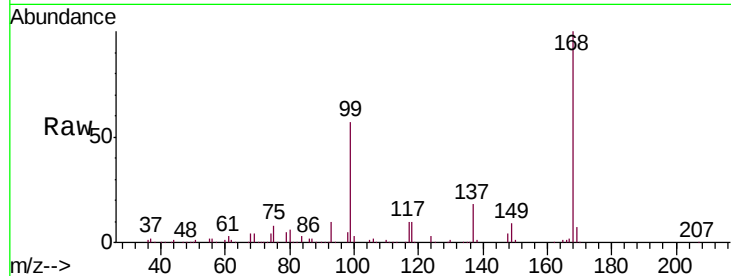
CON-SB-09-7-9

Tgt Ion:168 Resp: 209567

Ion Ratio Lower Upper

168 100

99 57.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

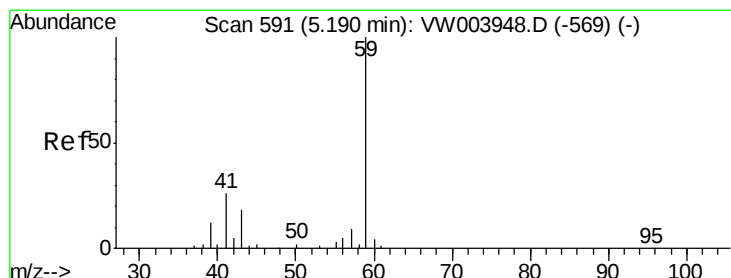
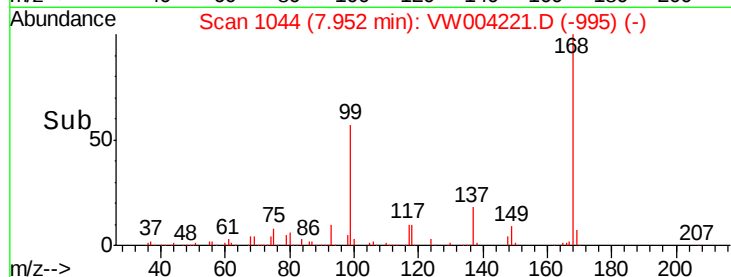
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.591 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW004221.D

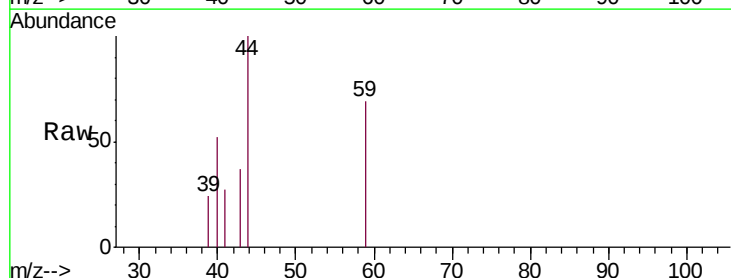
Acq: 26 Jul 2018 04:07

Tgt Ion: 59 Resp: 419

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

200

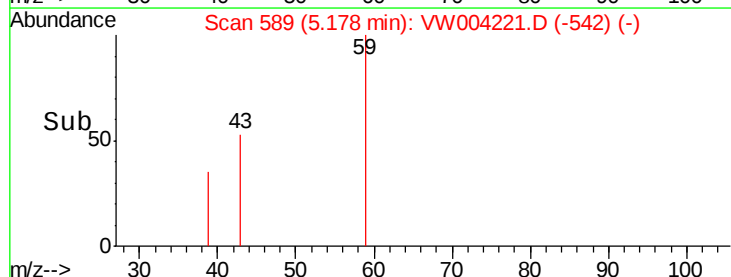
150

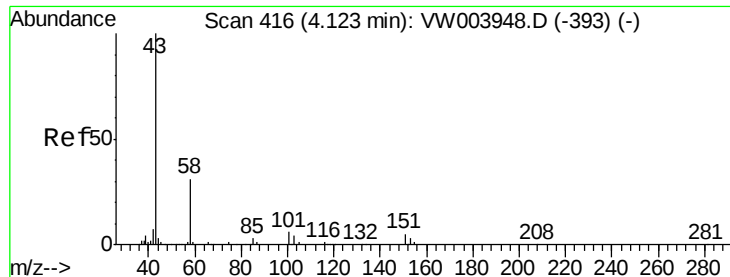
100

50

0

Time--> 5.15 5.20 5.25





#16

Acetone

Concen: 2.526 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

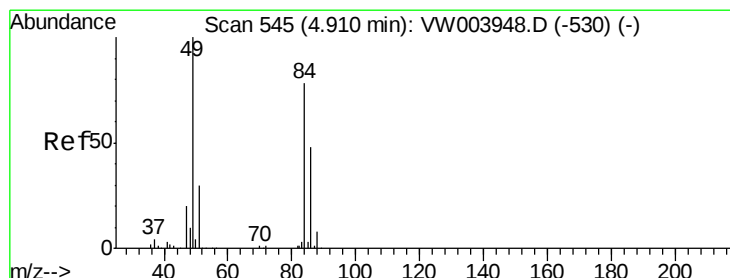
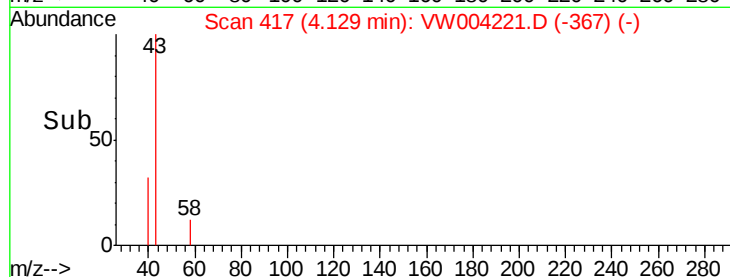
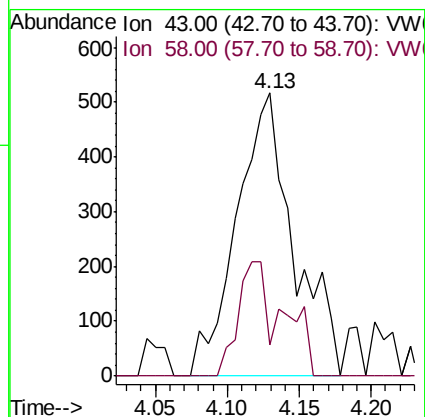
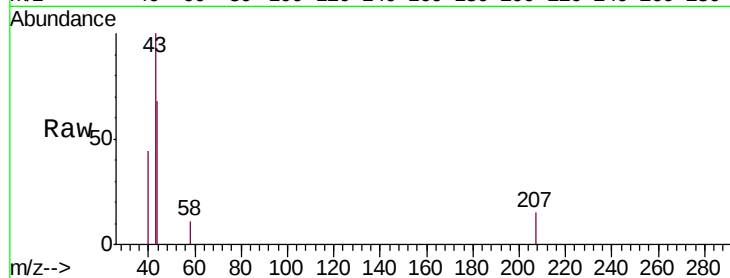
CON-SB-09-7-9

Tgt Ion: 43 Resp: 1422

Ion Ratio Lower Upper

43 100

58 10.8 24.5 36.7#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

Tgt Ion: 84 Resp: 7190

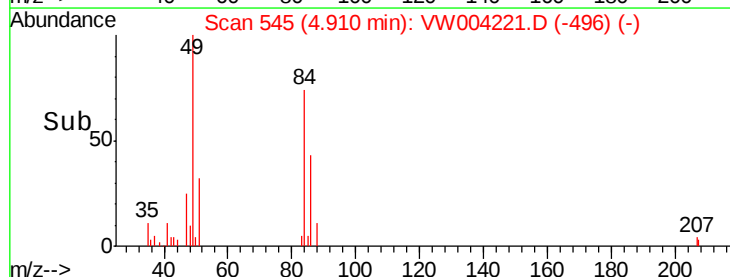
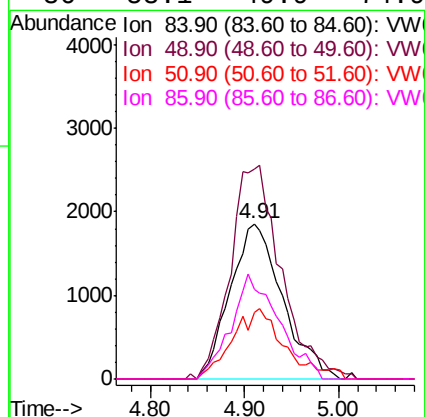
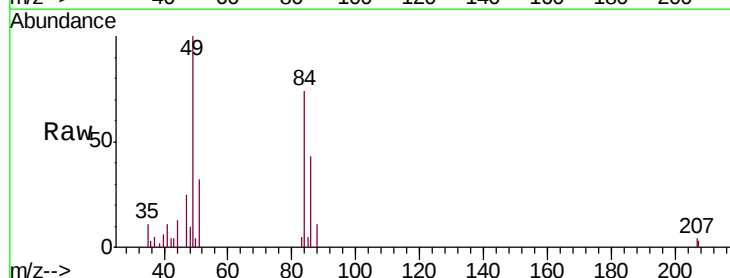
Ion Ratio Lower Upper

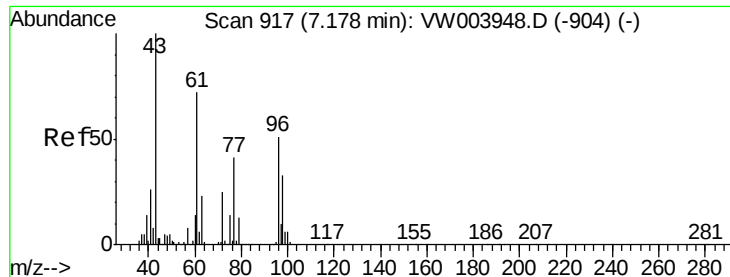
84 100

49 132.7 102.9 154.3

51 43.3 30.9 46.3

86 58.1 49.9 74.9





#25

2-Butanone

Concen: 2.157 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.02 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

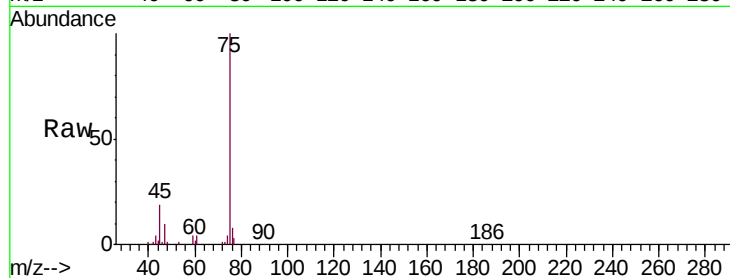
CON-SB-09-7-9

Tgt Ion: 43 Resp: 1634

Ion Ratio Lower Upper

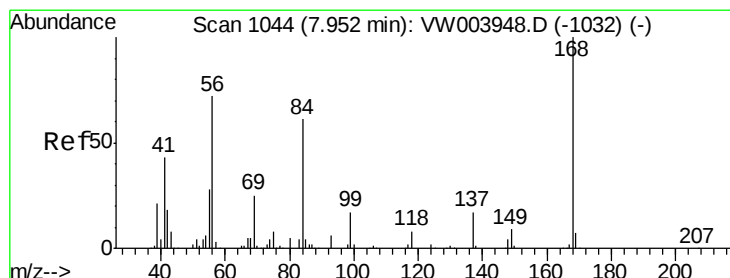
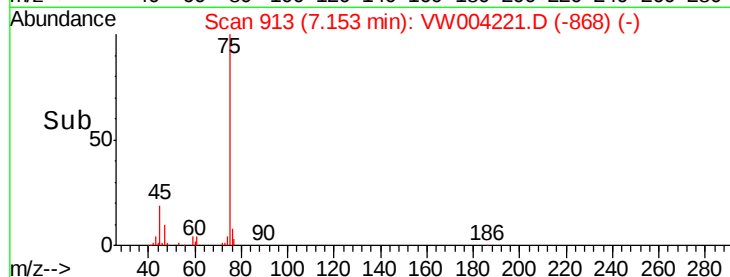
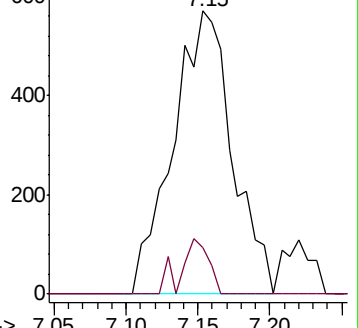
43 100

72 16.5 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.371 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

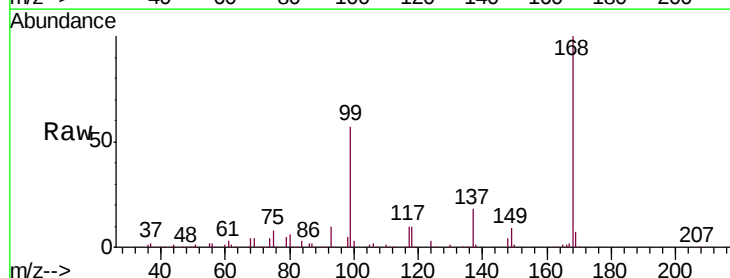
Tgt Ion: 56 Resp: 5327

Ion Ratio Lower Upper

56 100

69 179.5 27.8 41.8#

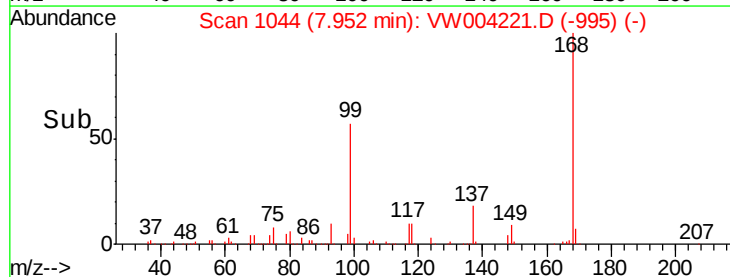
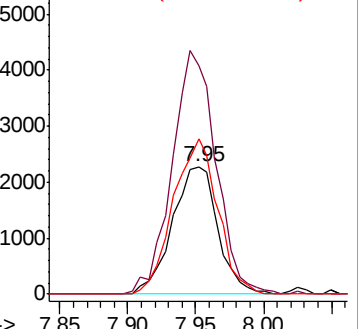
84 122.4 67.2 100.8#

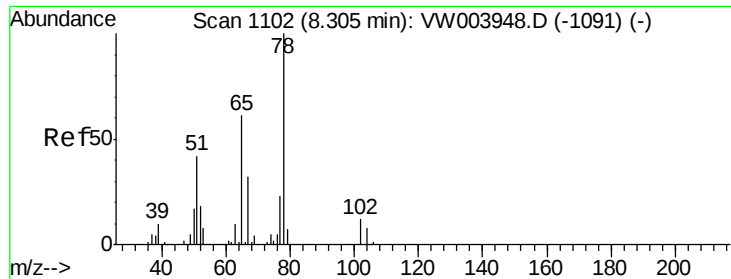


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

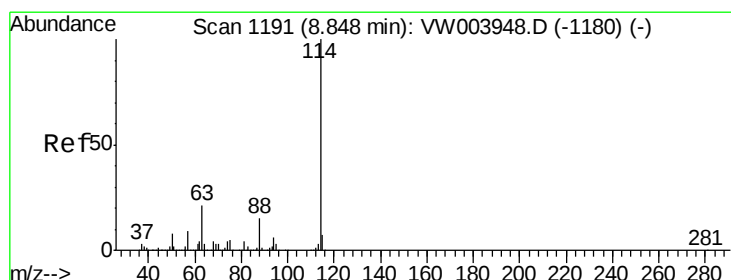
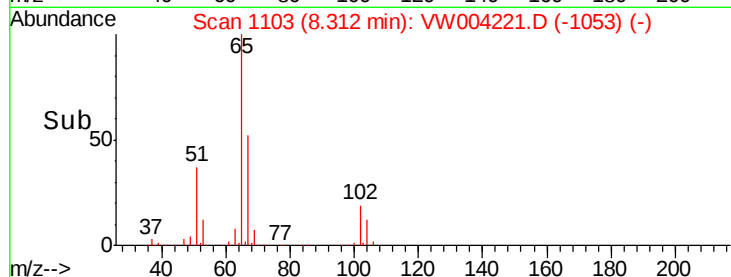
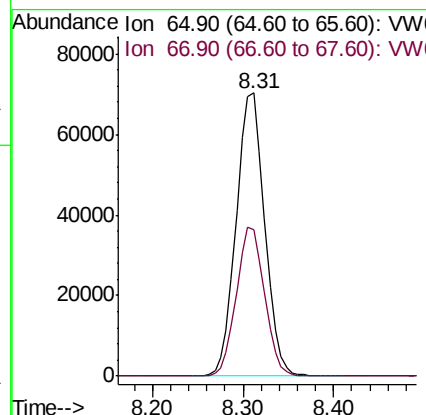
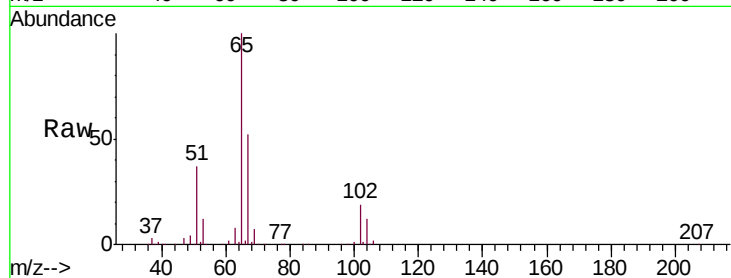




#33
 1,2-Dichloroethane-d4
 Concen: 65.430 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004221.D
 Acq: 26 Jul 2018 04:07

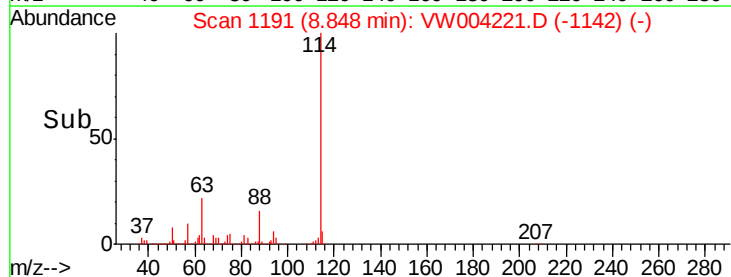
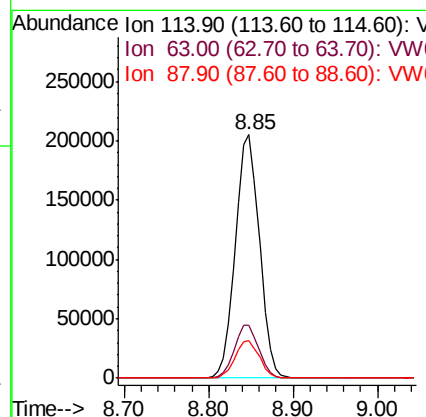
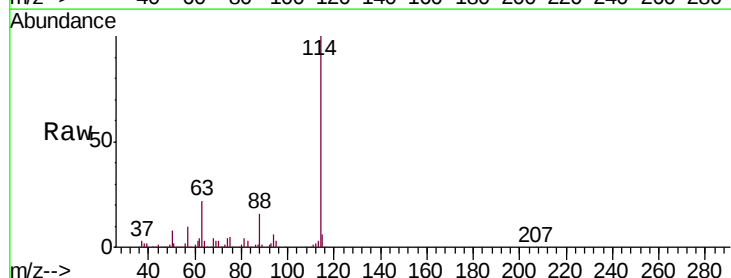
Instrument :
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 ClientSampleId :
 CON-SB-09-7-9

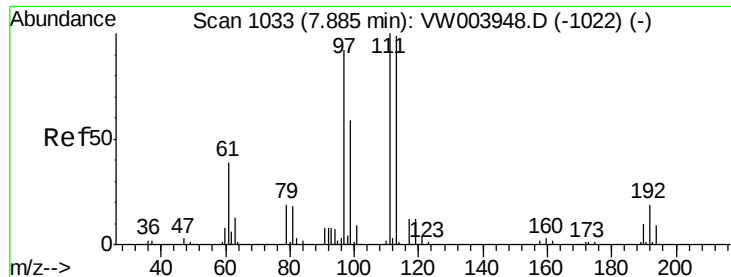
Tgt Ion: 65 Resp: 153273
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004221.D
 Acq: 26 Jul 2018 04:07

Tgt Ion: 114 Resp: 396751
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.8
 88 15.7 0.0 30.4

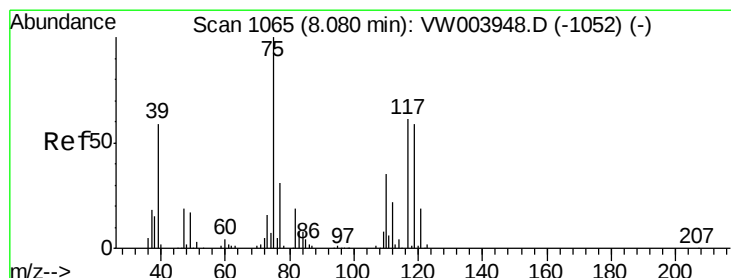
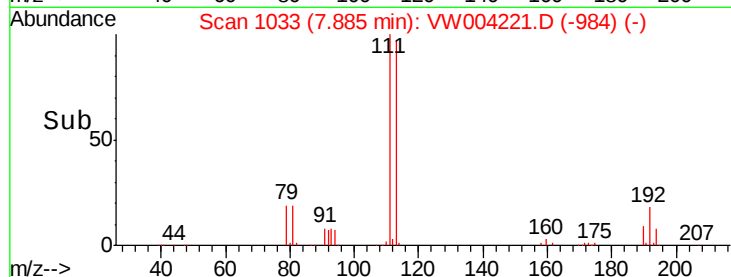
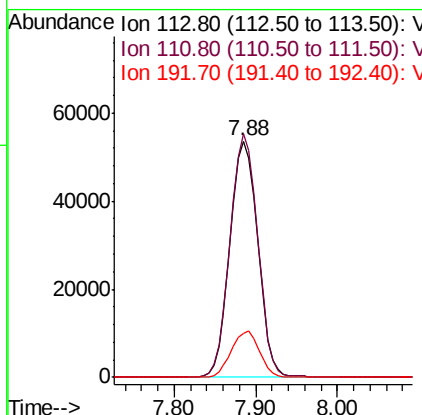
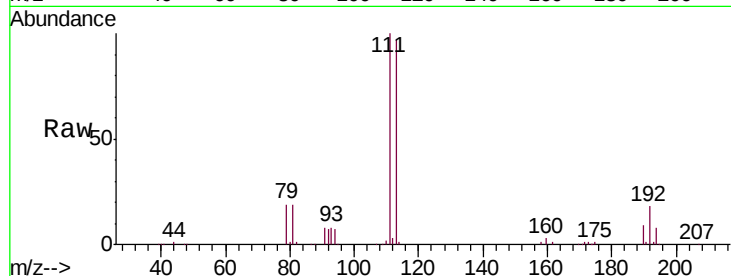




#35
 Dibromofluoromethane
 Concen: 49.961 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004221.D
 Acq: 26 Jul 2018 04:07

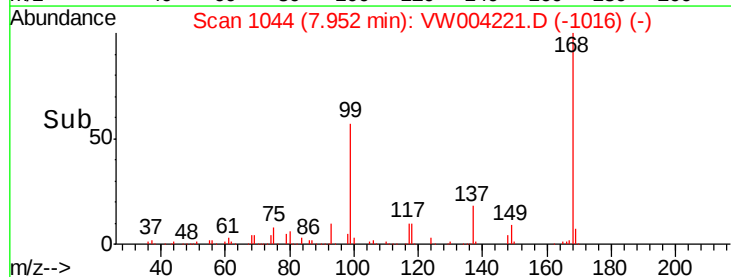
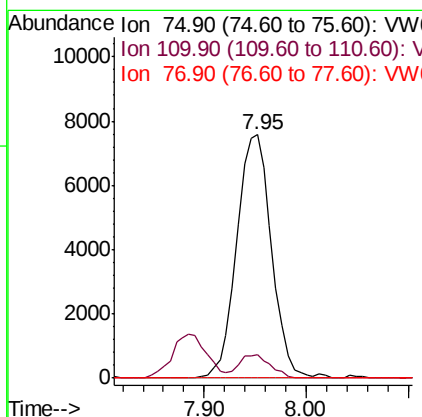
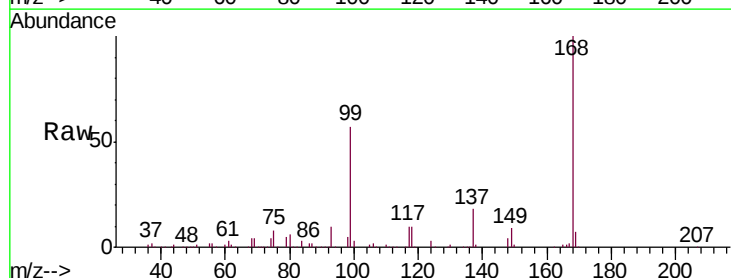
Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-09-7-9

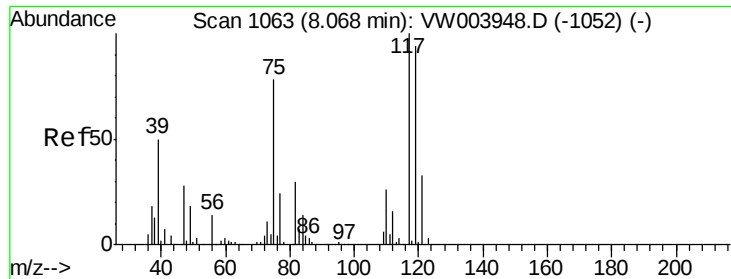
Tgt Ion:113 Resp: 127184
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.3 121.9
 192 19.8 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 4.381 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004221.D
 Acq: 26 Jul 2018 04:07

Tgt Ion: 75 Resp: 17884
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.0 51.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.509 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-09-7-9

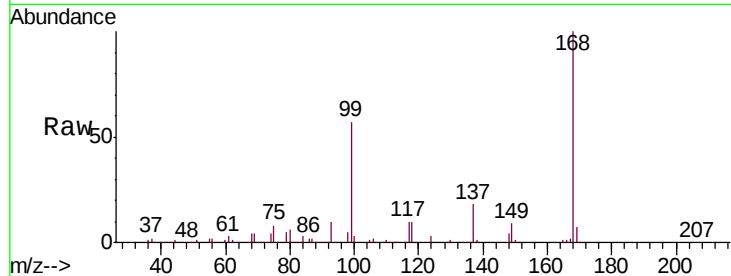
Tgt Ion:117 Resp: 21012

Ion Ratio Lower Upper

117 100

119 4.9 75.3 112.9#

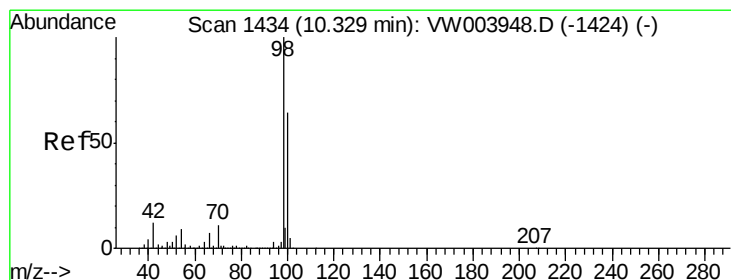
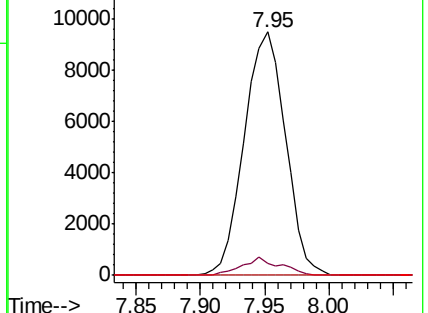
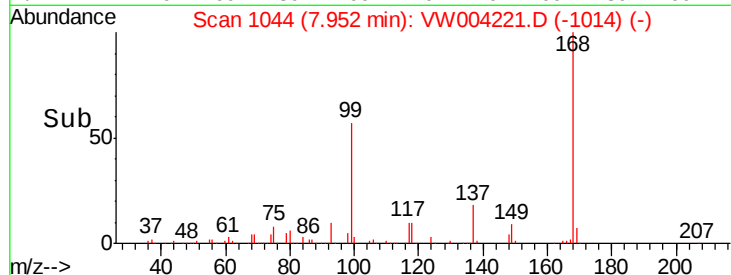
121 0.0 26.0 39.0#



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: 45.986 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004221.D

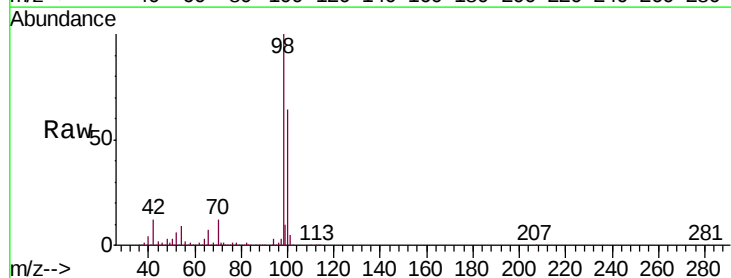
Acq: 26 Jul 2018 04:07

Tgt Ion: 98 Resp: 454236

Ion Ratio Lower Upper

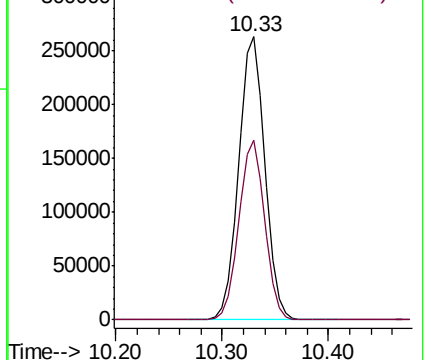
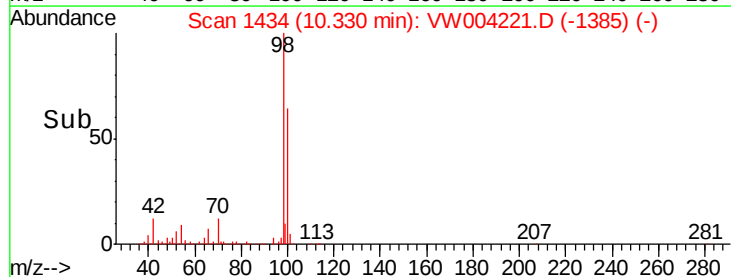
98 100

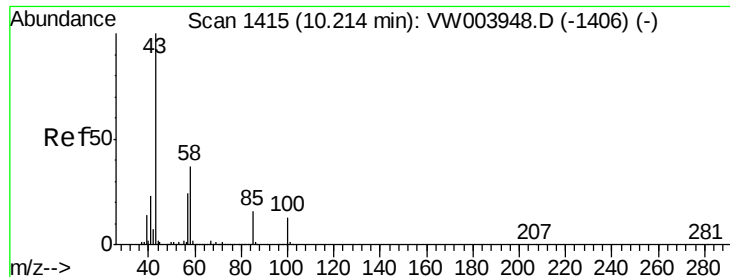
100 62.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.045 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. 0.11 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

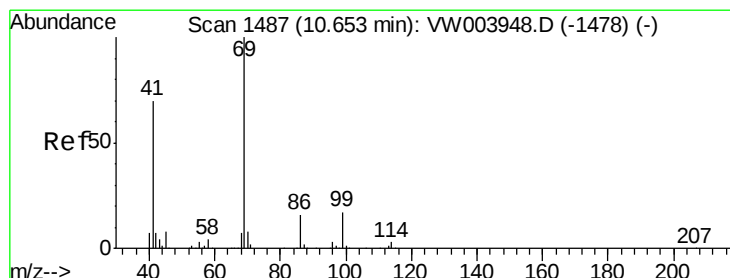
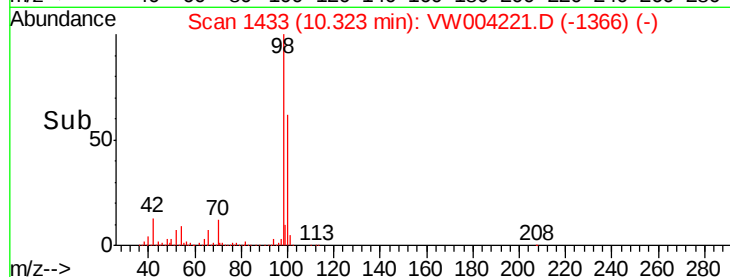
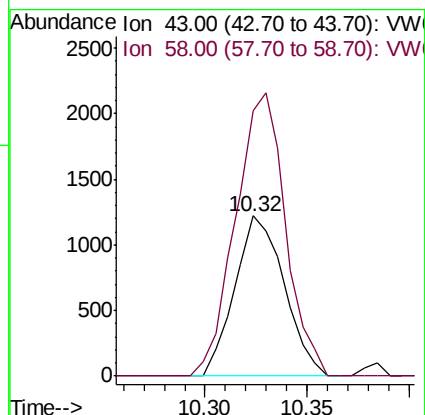
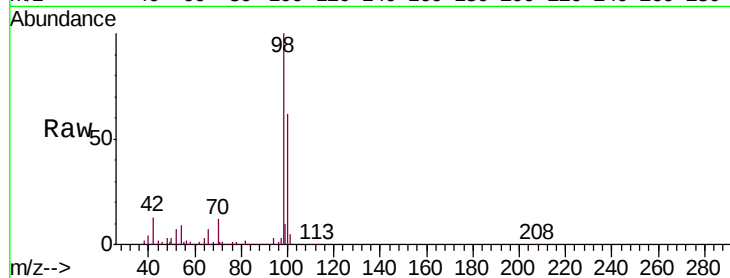
CON-SB-09-7-9

Tgt Ion: 43 Resp: 2050

Ion Ratio Lower Upper

43 100

58 179.2 29.9 44.9#



#56

Ethyl methacrylate

Concen: 2.953 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.21 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

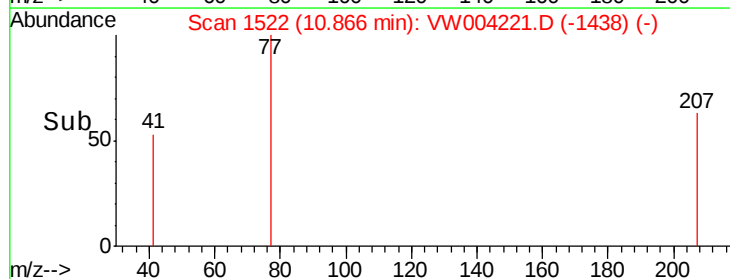
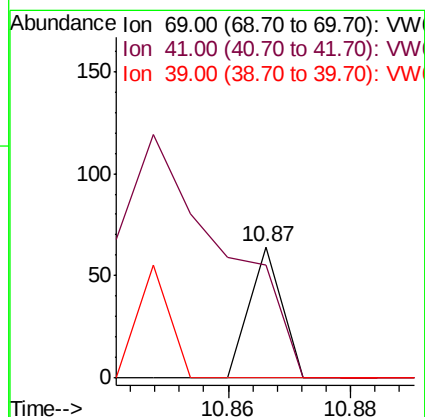
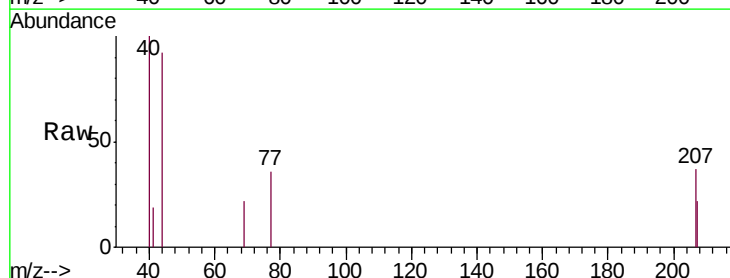
Tgt Ion: 69 Resp: 23

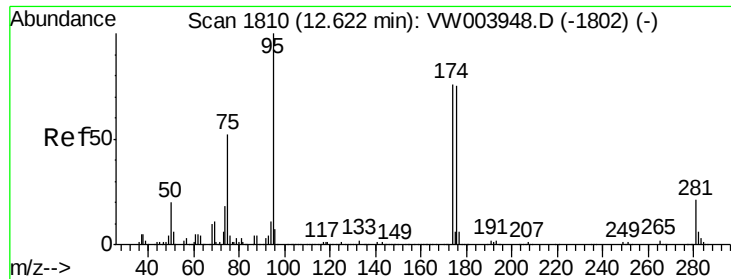
Ion Ratio Lower Upper

69 100

41 0.0 56.5 84.7#

39 0.0 30.2 45.4#

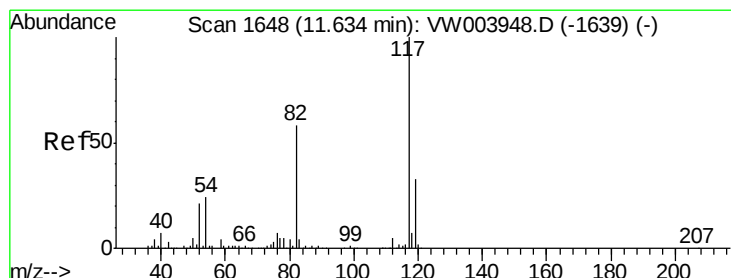
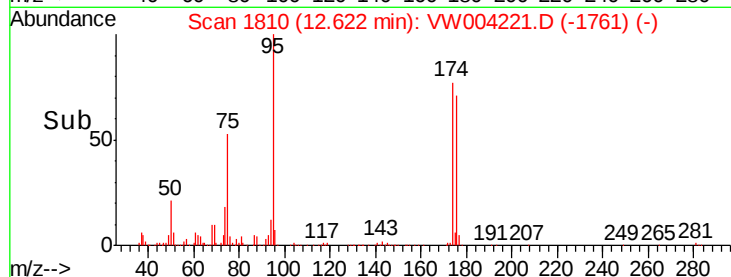
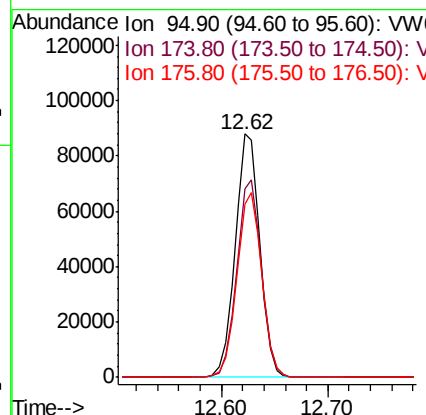
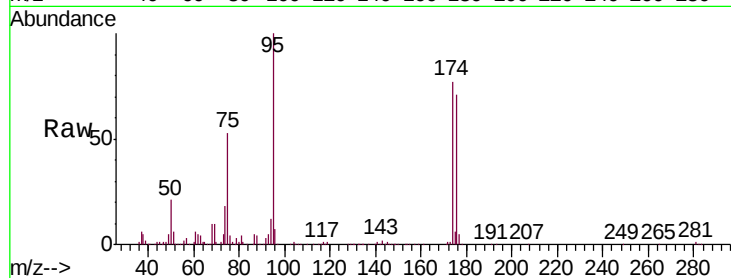




#62
4-Bromofluorobenzene
Concen: 39.836 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004221.D
Acq: 26 Jul 2018 04:07

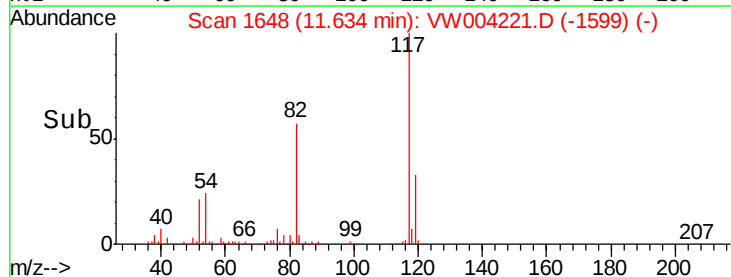
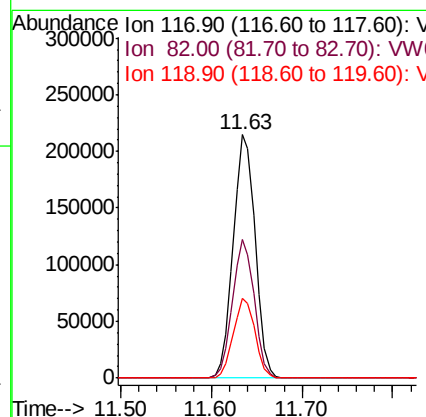
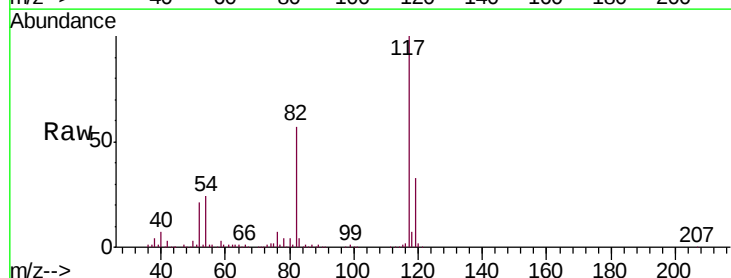
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-09-7-9

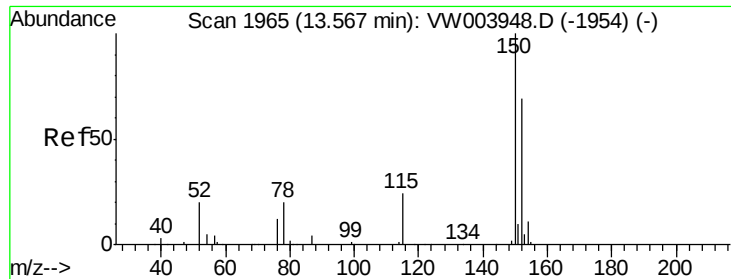
Tgt Ion: 95 Resp: 141893
Ion Ratio Lower Upper
95 100
174 81.5 0.0 160.2
176 76.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004221.D
Acq: 26 Jul 2018 04:07

Tgt Ion: 117 Resp: 361198
Ion Ratio Lower Upper
117 100
82 56.9 46.5 69.7
119 32.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-09-7-9

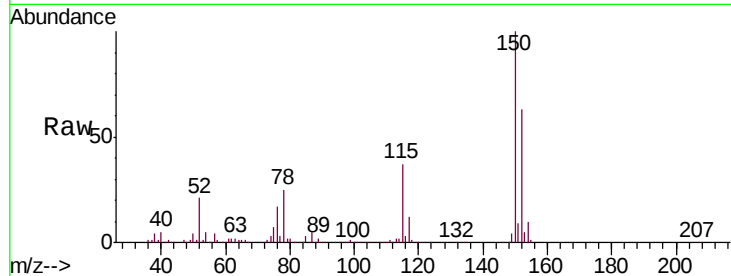
Tgt Ion:152 Resp: 162563

Ion Ratio Lower Upper

152 100

115 58.9 29.2 87.6

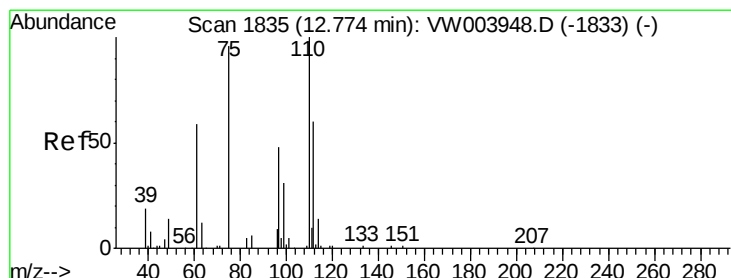
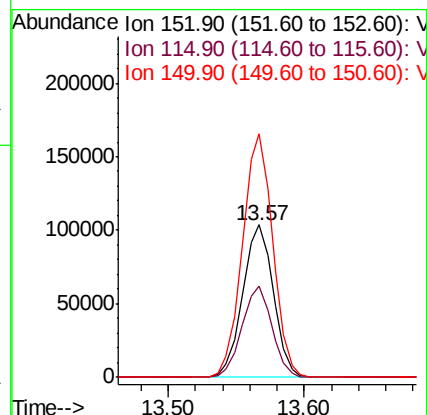
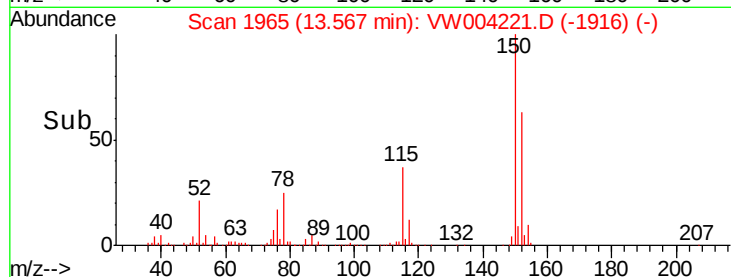
150 158.3 0.0 345.2



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: 45.975 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004221.D

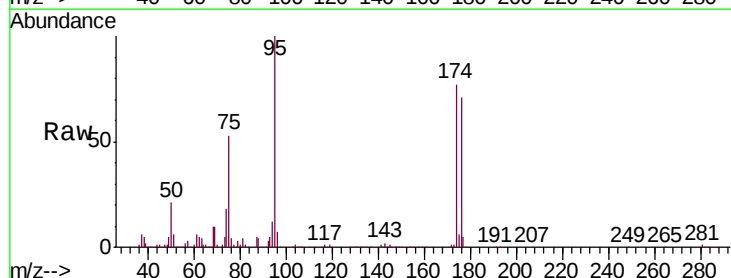
Acq: 26 Jul 2018 04:07

Tgt Ion: 75 Resp: 74198

Ion Ratio Lower Upper

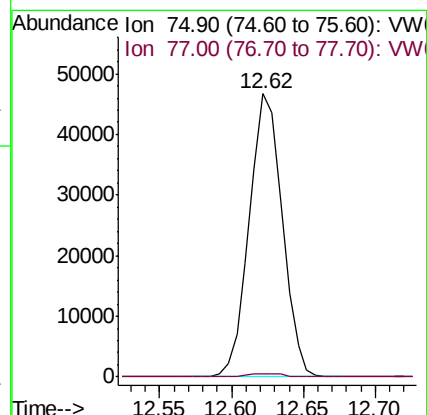
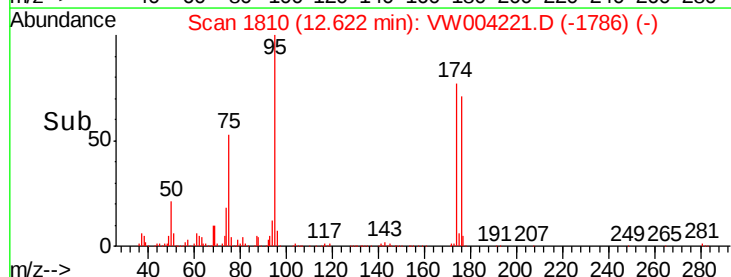
75 100

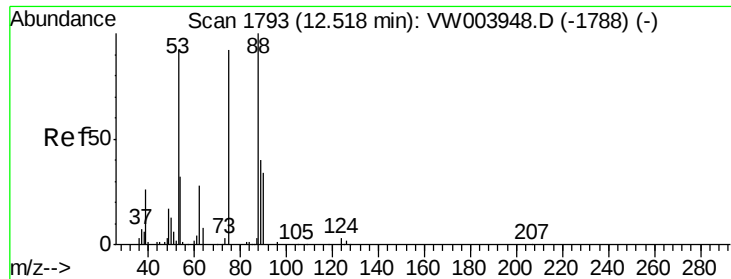
77 1.2 0.0 0.0#



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: 101.696 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004221.D

Acq: 26 Jul 2018 04:07

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-09-7-9

Tgt Ion: 75 Resp: 74198

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.1 36.6 54.8#

