

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012418\
 Data File : VW000976.D
 Acq On : 25 Jan 2018 03:41
 Operator : JC/SY
 Sample : J1289-03
 Misc : 5.05G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-09-9.5-10.0

Quant Time: Jan 25 04:48:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 13:31:00 2018
 Response via : Initial Calibration

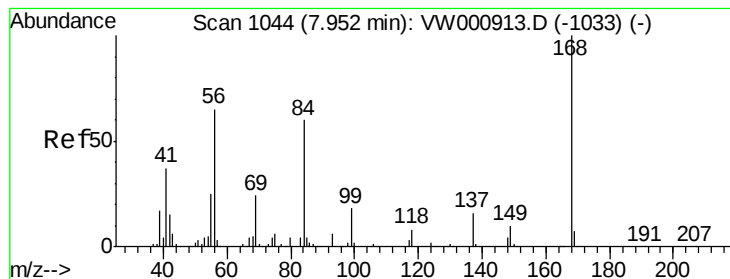
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	360131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	175937	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144248	59.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.72%	
35) Dibromofluoromethane	7.88	113	129174	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
50) Toluene-d8	10.34	98	468638	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.63	95	159923	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.26	142	735	5.12	ug/l #	86
11) Tert butyl alcohol	5.20	59	951	3.64	ug/l #	81
16) Acetone	4.13	43	21664	37.02	ug/l	99
20) Methylene Chloride	4.91	84	2843	Below Cal	#	88
25) 2-Butanone	7.17	43	6302	5.91	ug/l #	84
26) 2,2-Dichloropropane	7.16	77	4858	1.26	ug/l #	52
31) Cyclohexane	7.95	56	4808	1.22	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	17646	4.76	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24170	5.90	ug/l #	18
59) 2-Hexanone	10.98	43	63	14.71	ug/l #	24
76) 1,2,3-Trichloropropane	12.63	75	81484	40.02	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	81484	95.84	ug/l #	11

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

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ALS Vial : 39 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

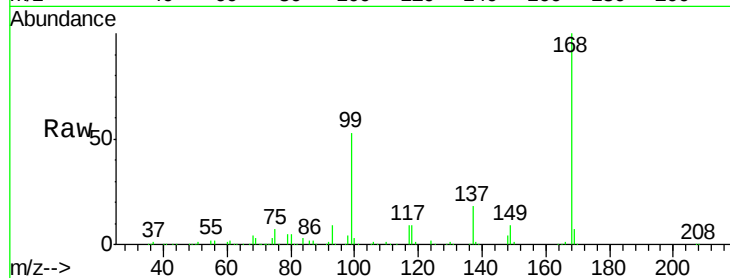
SB-09-9.5-10.0

Tgt Ion:168 Resp: 251397

Ion Ratio Lower Upper

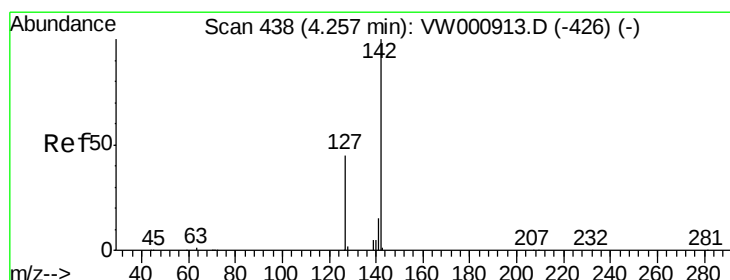
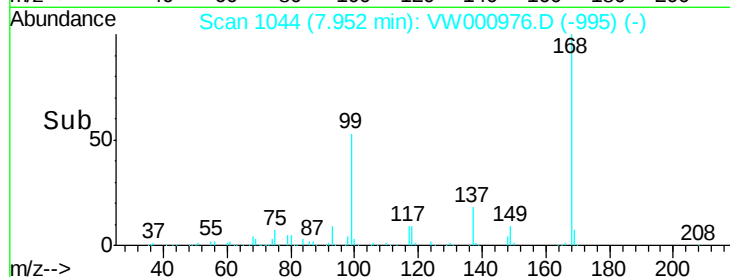
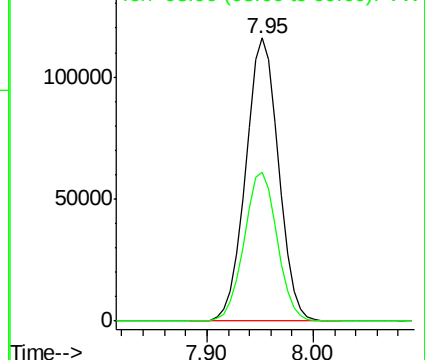
168 100

99 52.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 5.12 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

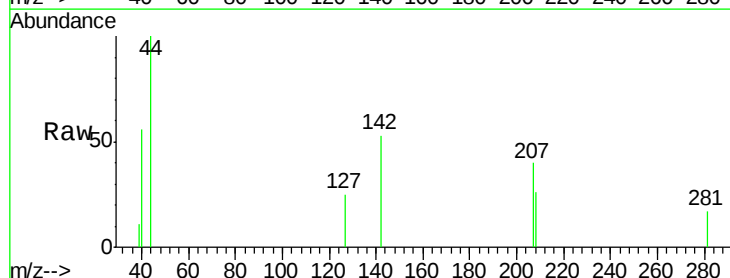
Tgt Ion:142 Resp: 735

Ion Ratio Lower Upper

142 100

127 49.1 35.5 53.3

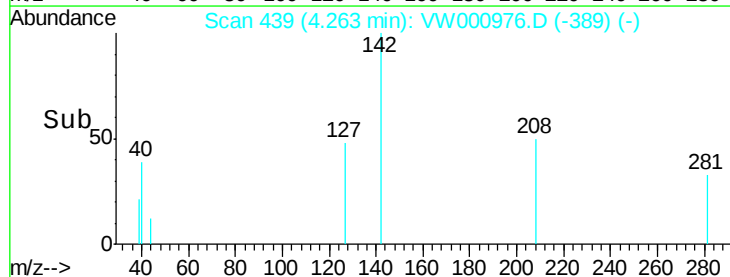
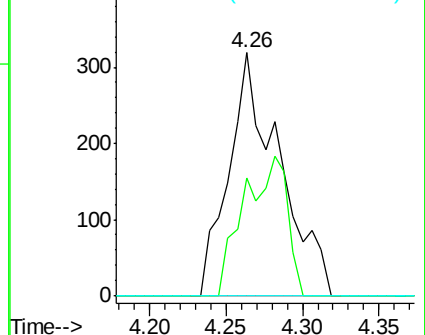
141 0.0 11.7 17.5#

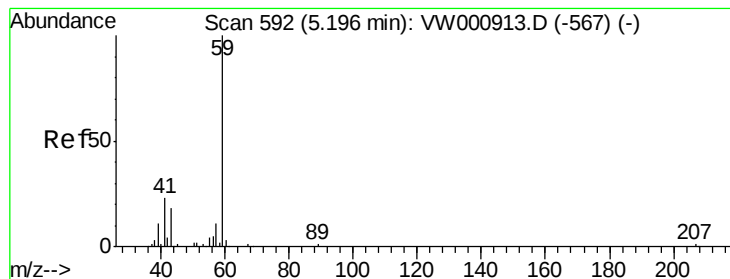


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 3.64 ug/l

RT: 5.20 min Scan# 593

Delta R.T. 0.01 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

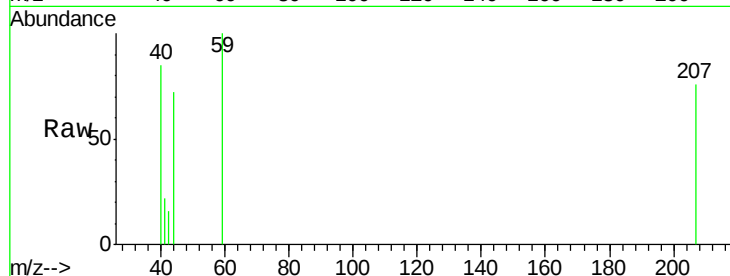
SB-09-9.5-10.0

Tgt Ion: 59 Resp: 951

Ion Ratio Lower Upper

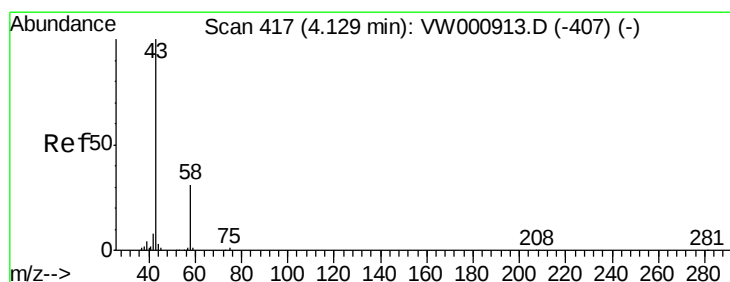
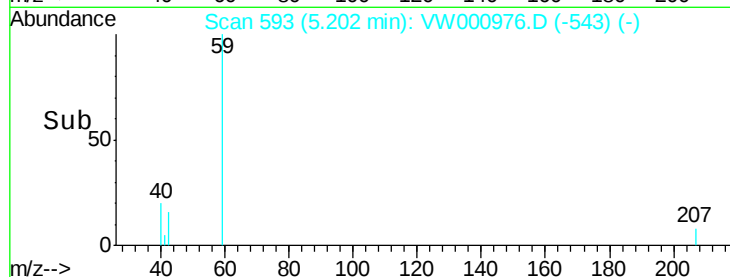
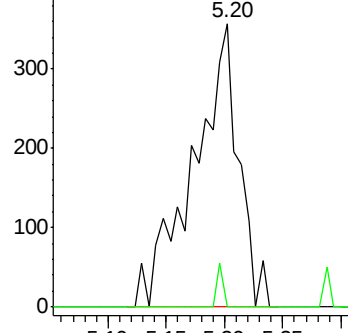
59 100

57 2.1 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#16

Acetone

Concen: 37.02 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.00 min

Lab File: VW000976.D

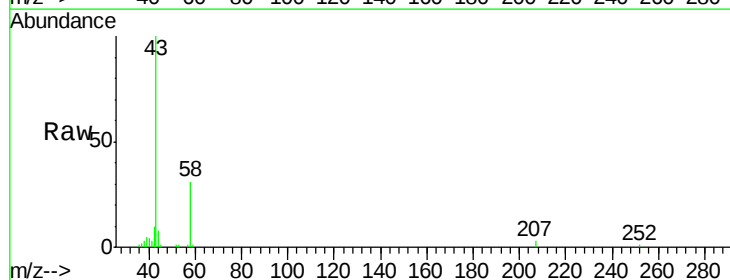
Acq: 25 Jan 2018 03:41

Tgt Ion: 43 Resp: 21664

Ion Ratio Lower Upper

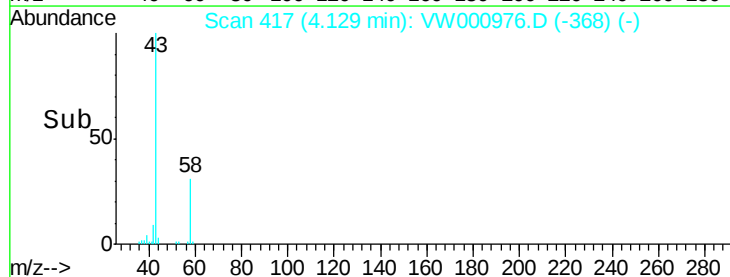
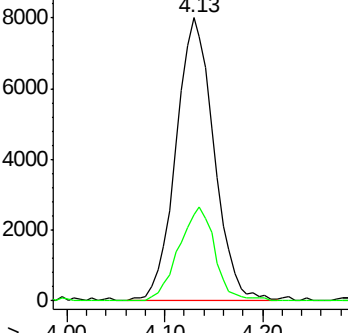
43 100

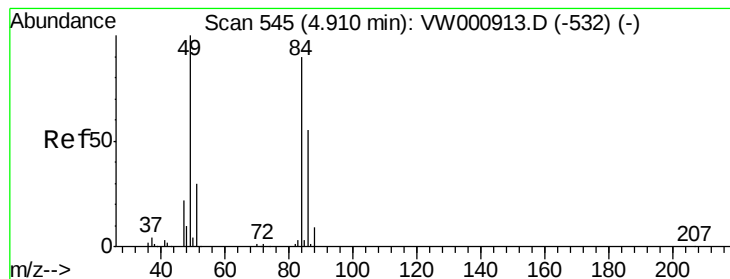
58 30.7 24.9 37.3



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: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

SB-09-9.5-10.0

Tgt Ion: 84 Resp: 2843

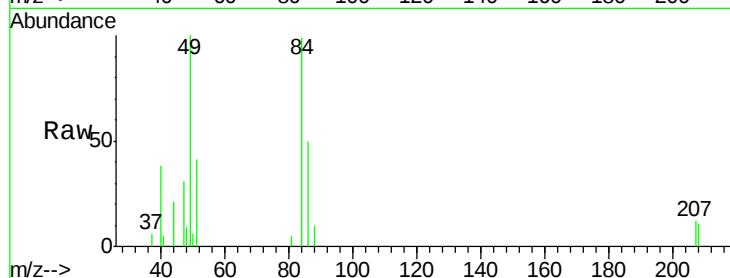
Ion Ratio Lower Upper

84 100

49 100.8 89.0 133.4

51 41.5 26.7 40.1#

86 50.6 48.7 73.1

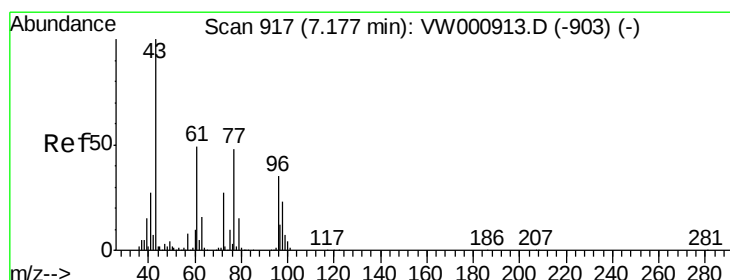
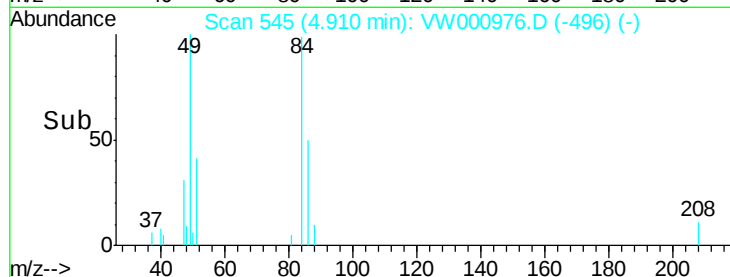
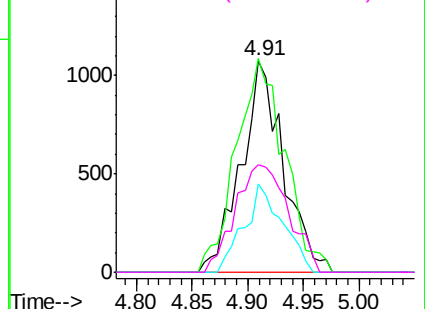


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 5.91 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW000976.D

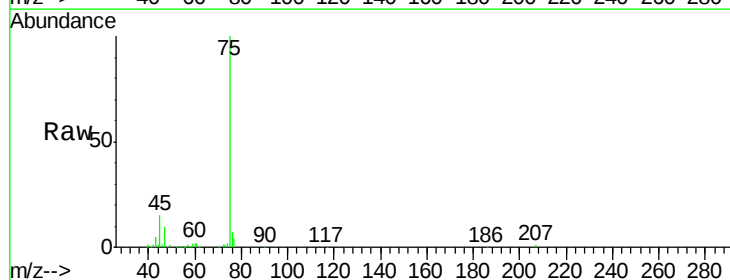
Acq: 25 Jan 2018 03:41

Tgt Ion: 43 Resp: 6302

Ion Ratio Lower Upper

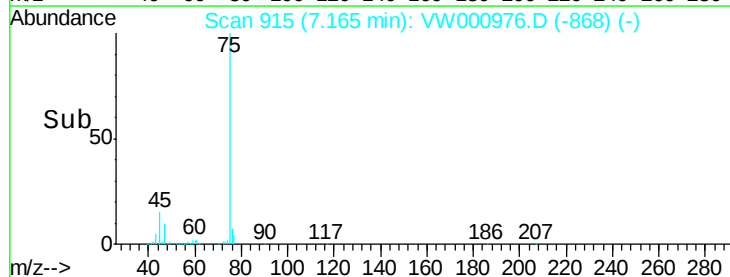
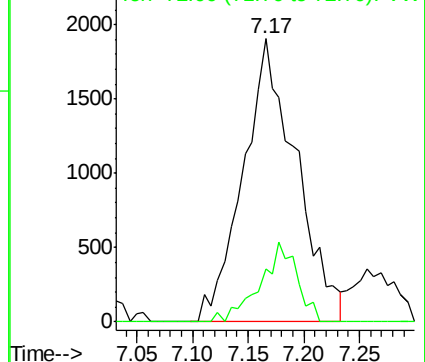
43 100

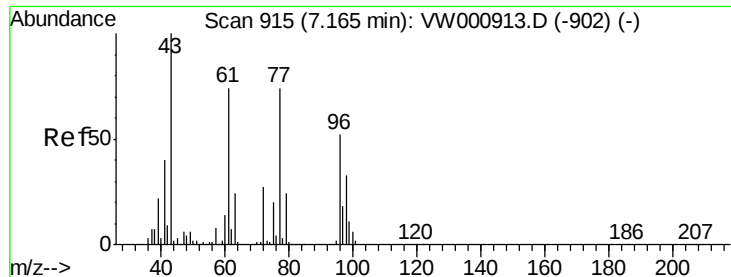
72 18.9 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

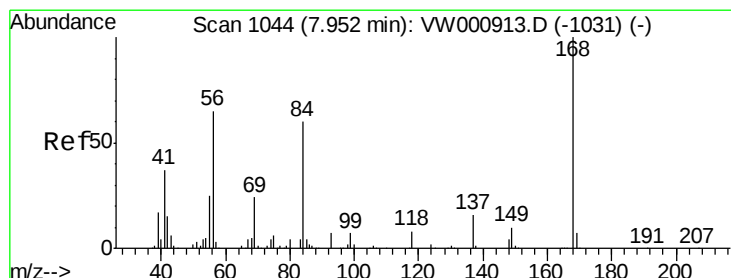
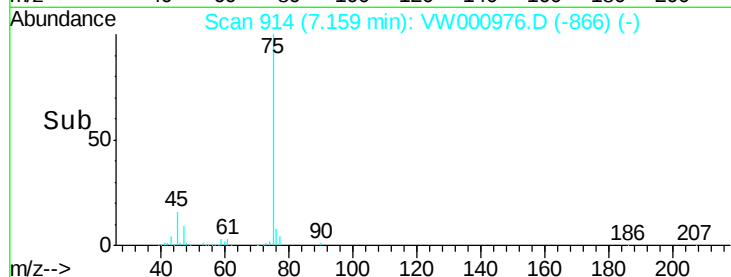
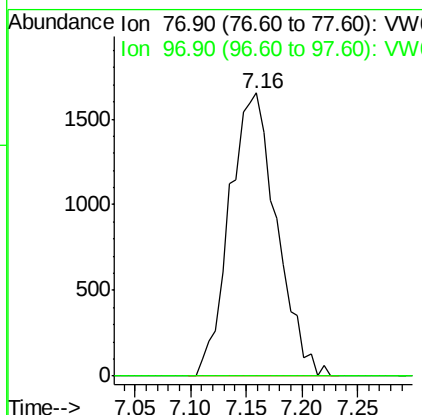
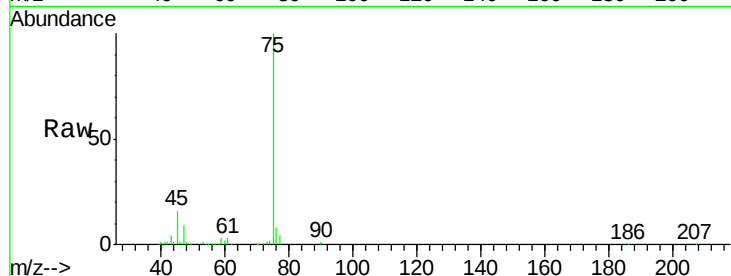




#26
 2,2-Dichloropropane
 Concen: 1.26 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW000976.D
 Acq: 25 Jan 2018 03:41

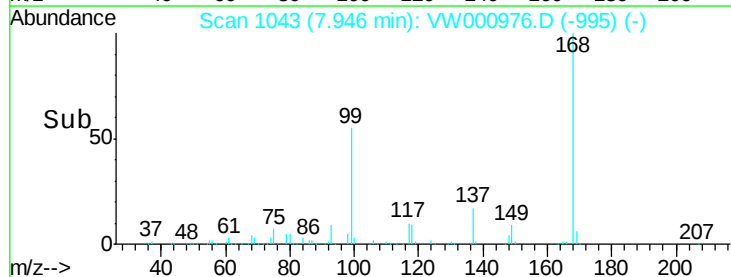
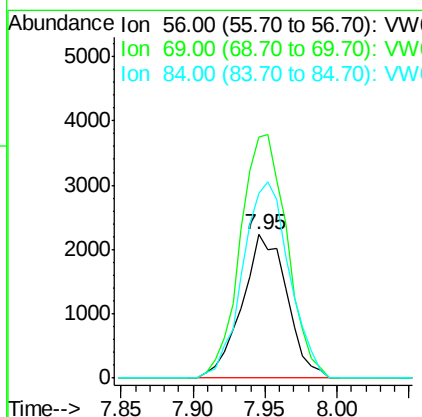
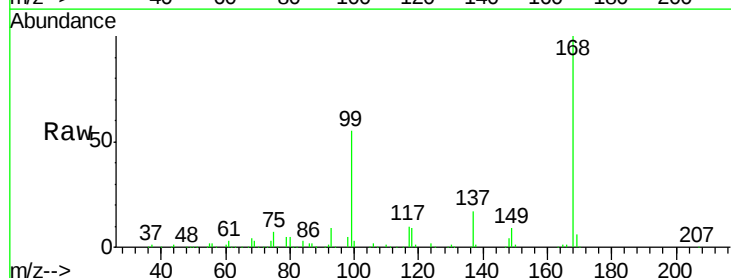
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-09-9.5-10.0

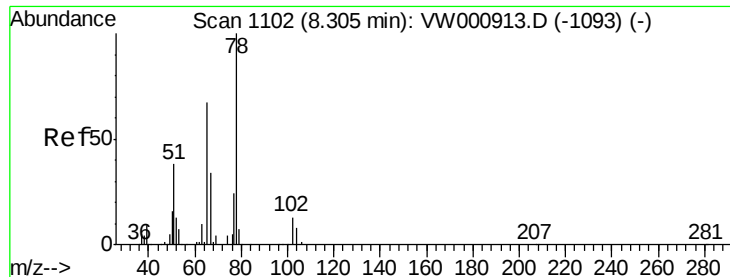
Tgt Ion: 77 Resp: 4858
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.3#



#31
 Cyclohexane
 Concen: 1.22 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VW000976.D
 Acq: 25 Jan 2018 03:41

Tgt Ion: 56 Resp: 4808
 Ion Ratio Lower Upper
 56 100
 69 168.2 29.2 43.8#
 84 129.1 73.6 110.4#

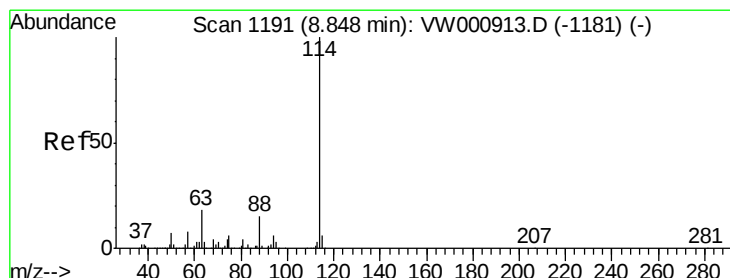
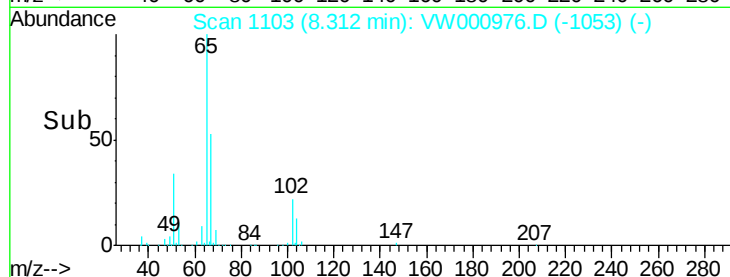
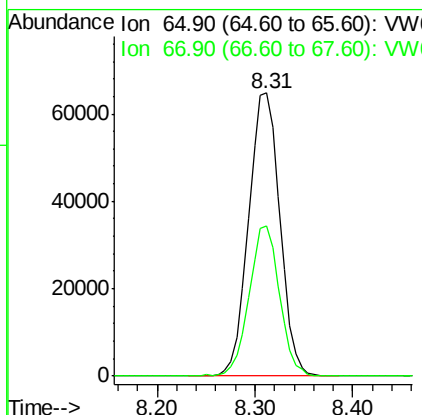
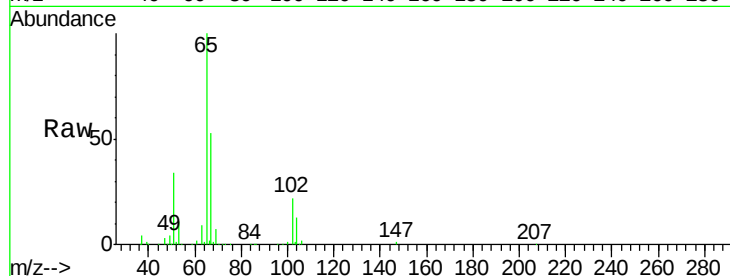




#33
 1,2-Dichloroethane-d4
 Concen: 59.86 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW000976.D
 Acq: 25 Jan 2018 03:41

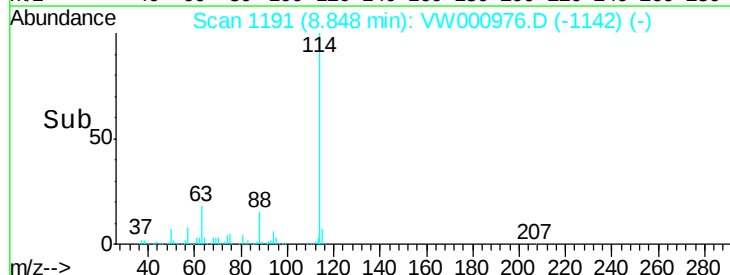
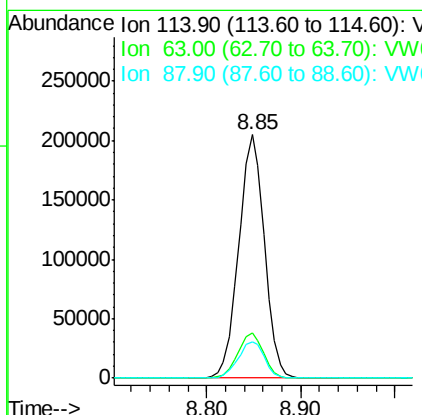
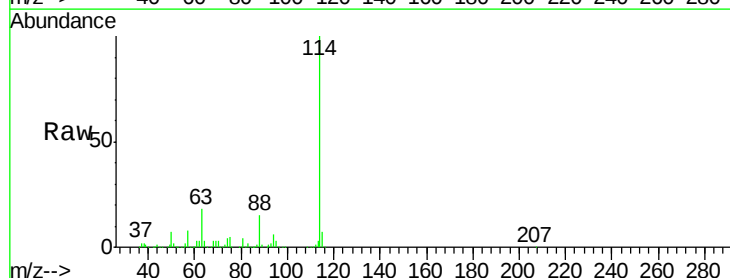
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-09-9.5-10.0

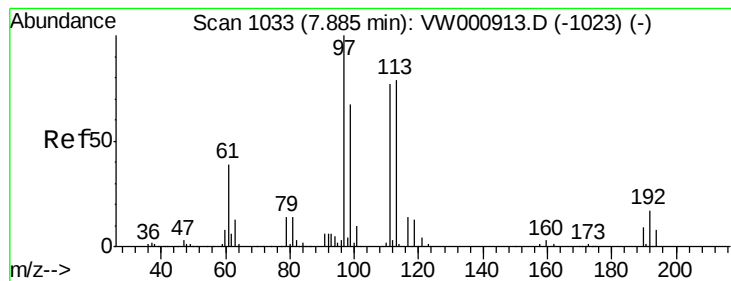
Tgt Ion: 65 Resp: 144248
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW000976.D
 Acq: 25 Jan 2018 03:41

Tgt Ion: 114 Resp: 388930
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 54.21 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

SB-09-9.5-10.0

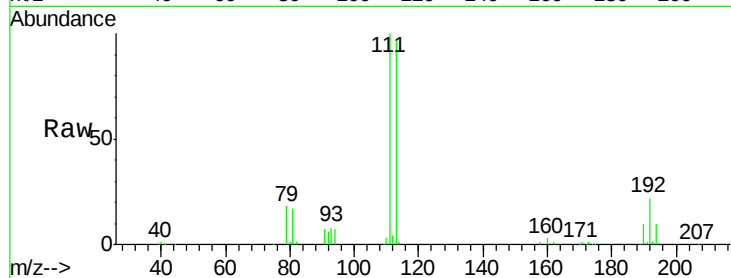
Tgt Ion:113 Resp: 129174

Ion Ratio Lower Upper

113 100

111 103.6 80.4 120.6

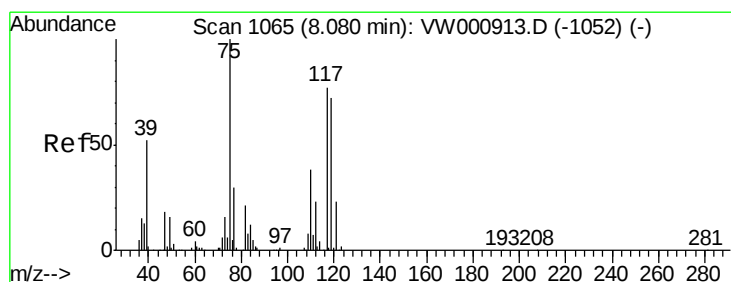
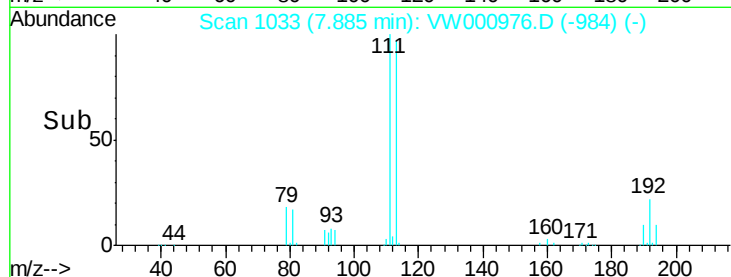
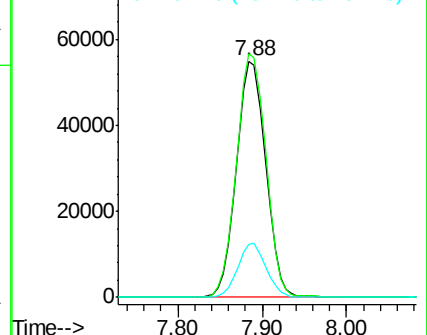
192 22.0 17.0 25.4



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: 4.76 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

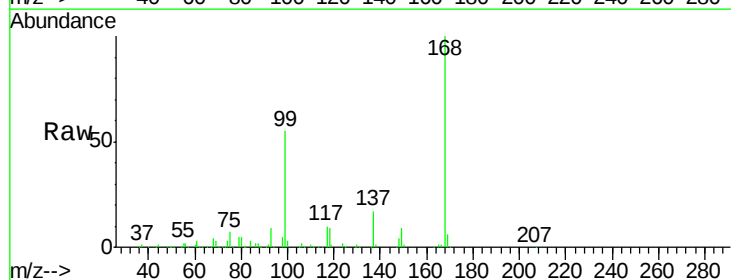
Tgt Ion: 75 Resp: 17646

Ion Ratio Lower Upper

75 100

110 9.8 18.6 56.0#

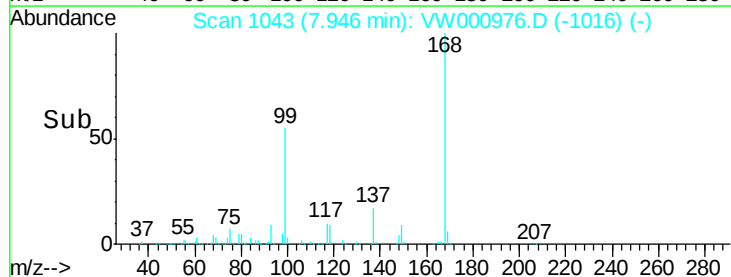
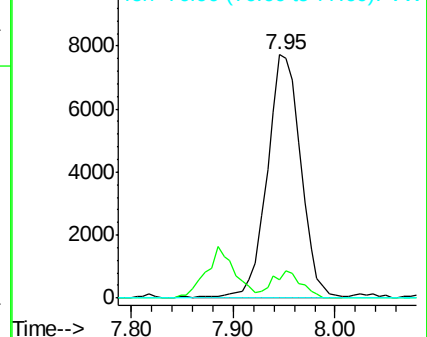
77 0.0 24.6 36.8#

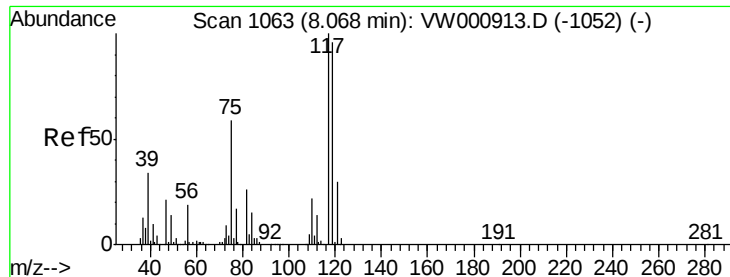


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.90 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

Instrument :

MSVOA_W

ClientSampled :

SB-09-9.5-10.0

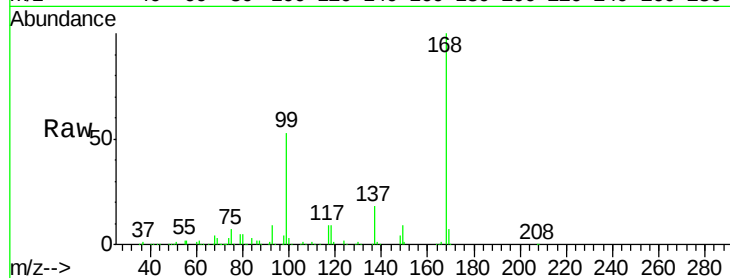
Tgt Ion:117 Resp: 24170

Ion Ratio Lower Upper

117 100

119 7.5 76.5 114.7#

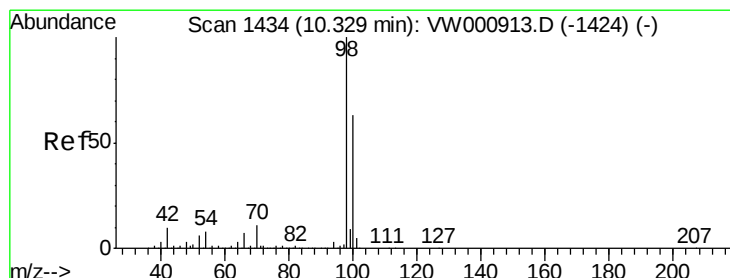
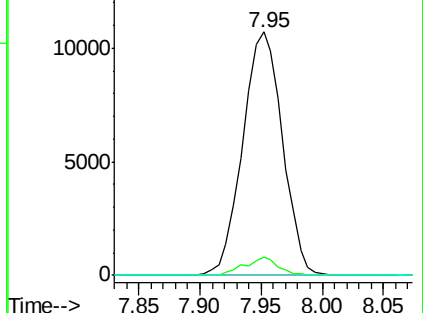
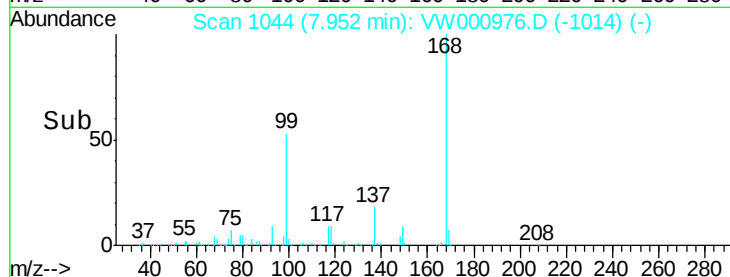
121 0.0 24.3 36.5#



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: 49.89 ug/l

RT: 10.34 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW000976.D

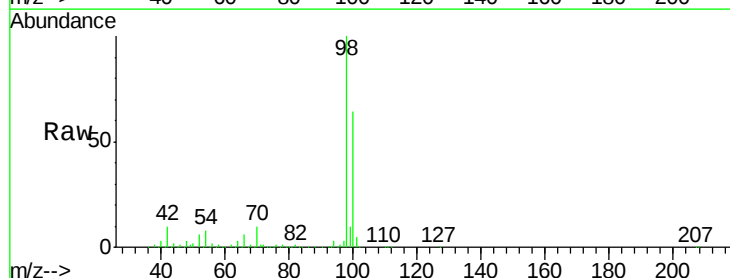
Acq: 25 Jan 2018 03:41

Tgt Ion: 98 Resp: 468638

Ion Ratio Lower Upper

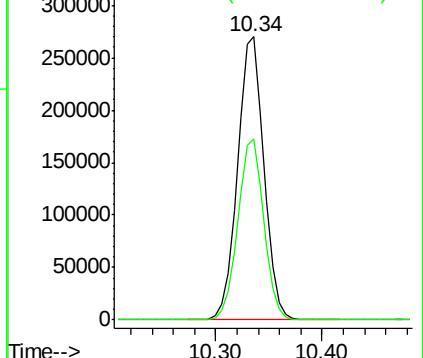
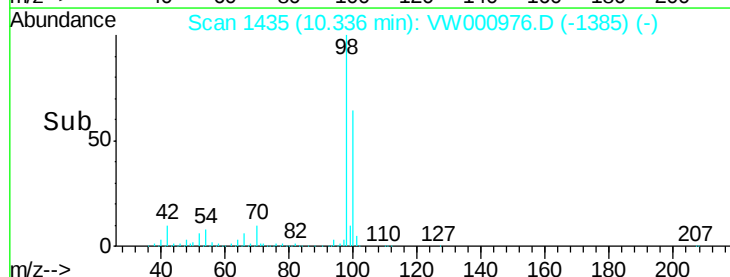
98 100

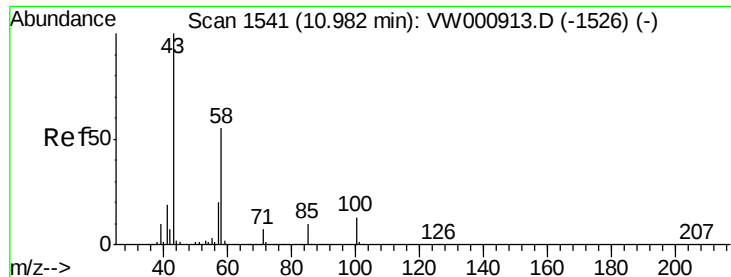
100 63.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

2-Hexanone

Concen: 14.71 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. 0.00 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

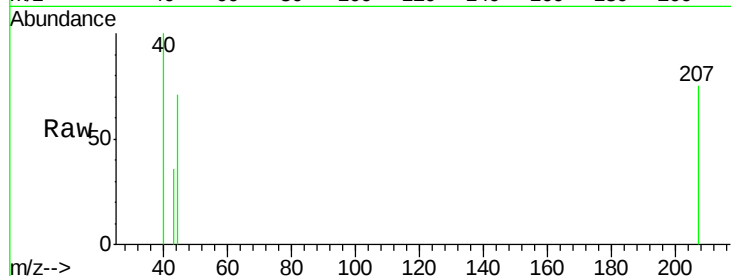
SB-09-9.5-10.0

Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

58 0.0 27.4 82.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.98

80

60

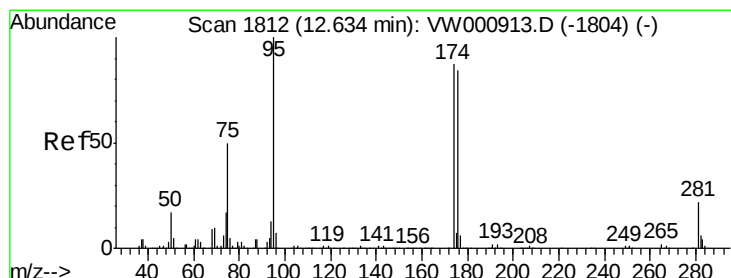
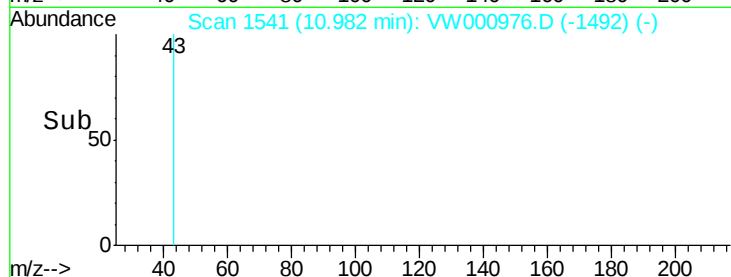
40

20

0

10.96 10.98 11.00

Time-->



#62

4-Bromofluorobenzene

Concen: 46.75 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

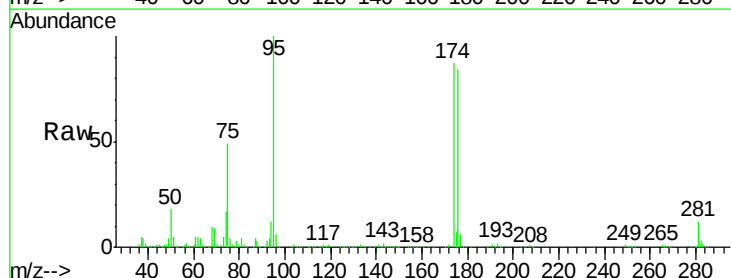
Tgt Ion: 95 Resp: 159923

Ion Ratio Lower Upper

95 100

174 88.7 0.0 176.8

176 85.2 0.0 171.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

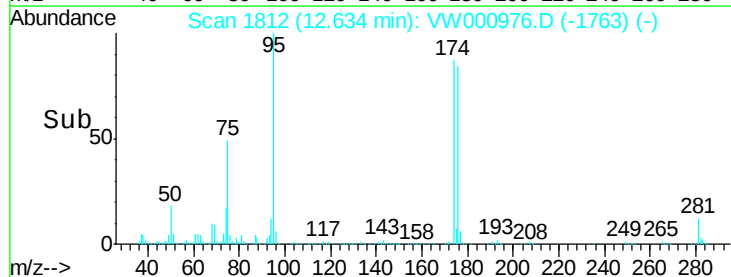
100000

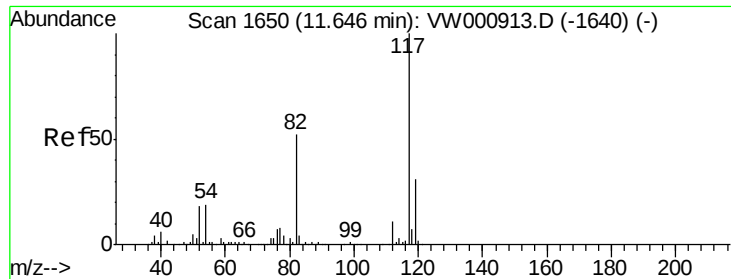
50000

0

12.60 12.70

Time-->

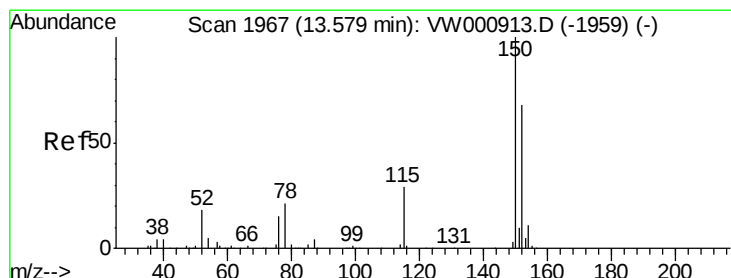
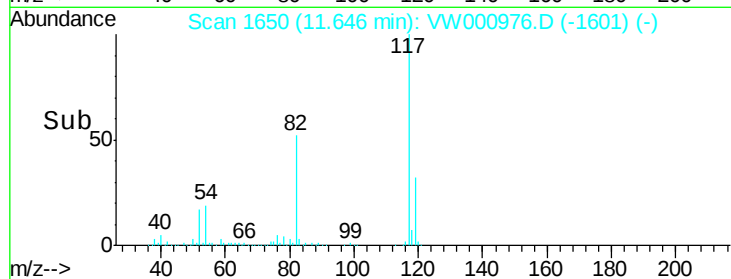
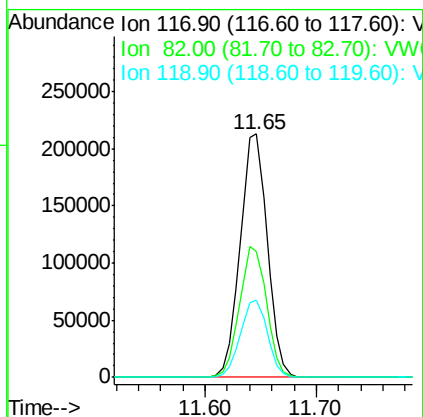
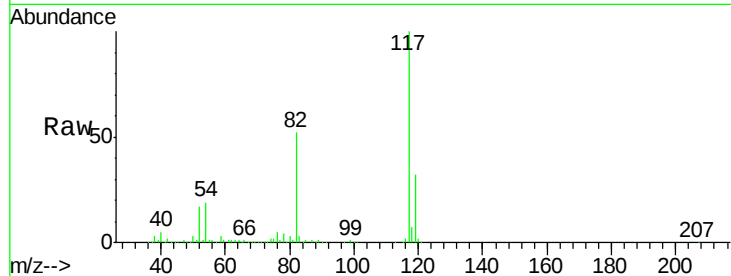




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VW000976.D
Acq: 25 Jan 2018 03:41

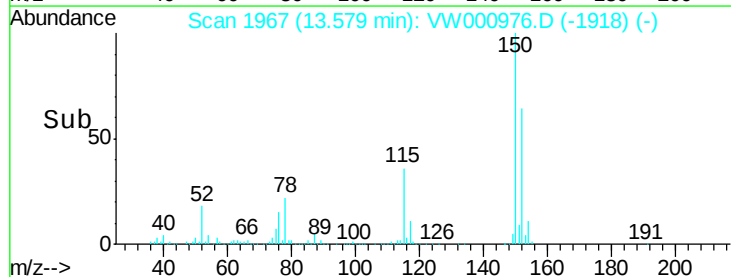
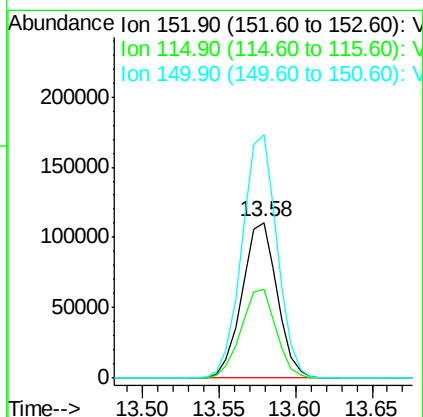
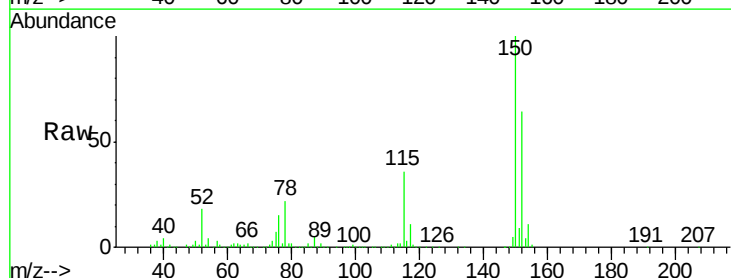
Instrument :
MSVOA_W
ClientSampleId :
SB-09-9.5-10.0

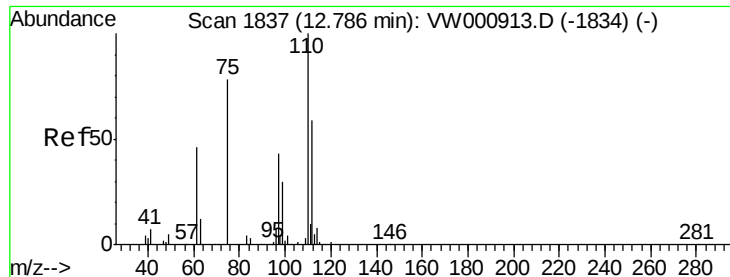
Tgt Ion:117 Resp: 360131
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.6
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VW000976.D
Acq: 25 Jan 2018 03:41

Tgt Ion:152 Resp: 175937
Ion Ratio Lower Upper
152 100
115 56.9 28.5 85.5
150 156.5 0.0 342.0





#76

1,2,3-Trichloropropane

Concen: 40.02 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. -0.15 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

Instrument :

MSVOA_W

ClientSampleId :

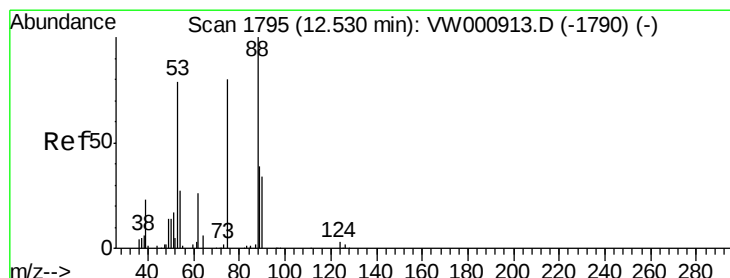
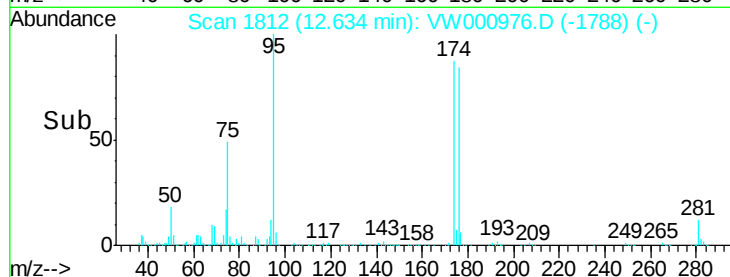
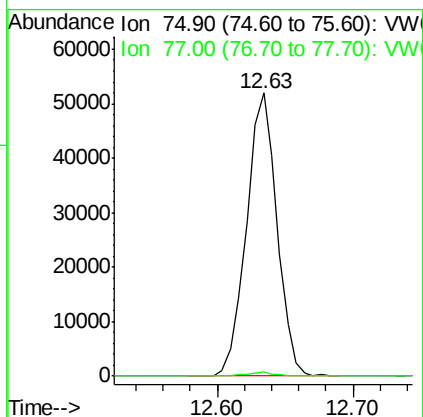
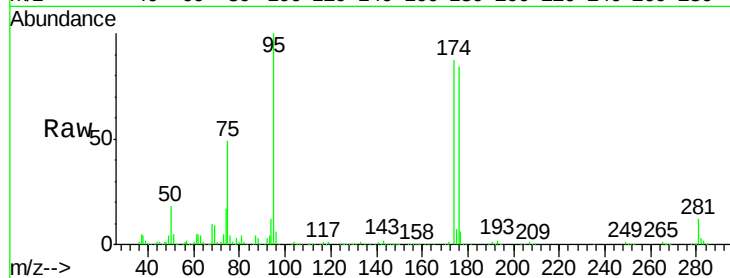
SB-09-9.5-10.0

Tgt Ion: 75 Resp: 81484

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.84 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.10 min

Lab File: VW000976.D

Acq: 25 Jan 2018 03:41

Tgt Ion: 75 Resp: 81484

Ion Ratio Lower Upper

75 100

53 0.1 77.5 116.3#

89 0.2 38.2 57.4#

