

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008114.D
 Acq On : 09 Jan 2019 20:10
 Operator : SY/AP
 Sample : K1074-18
 Misc : 5.53G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-9

Quant Time: Jan 10 05:59:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	141380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60358	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	47014	52.88	ug/l	0.00
Spiked Amount			Recovery	=	105.76%	
35) Dibromofluoromethane	7.88	113	43570	52.84	ug/l	0.00
Spiked Amount			Recovery	=	105.68%	
50) Toluene-d8	10.32	98	180295	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.62	95	61288	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	

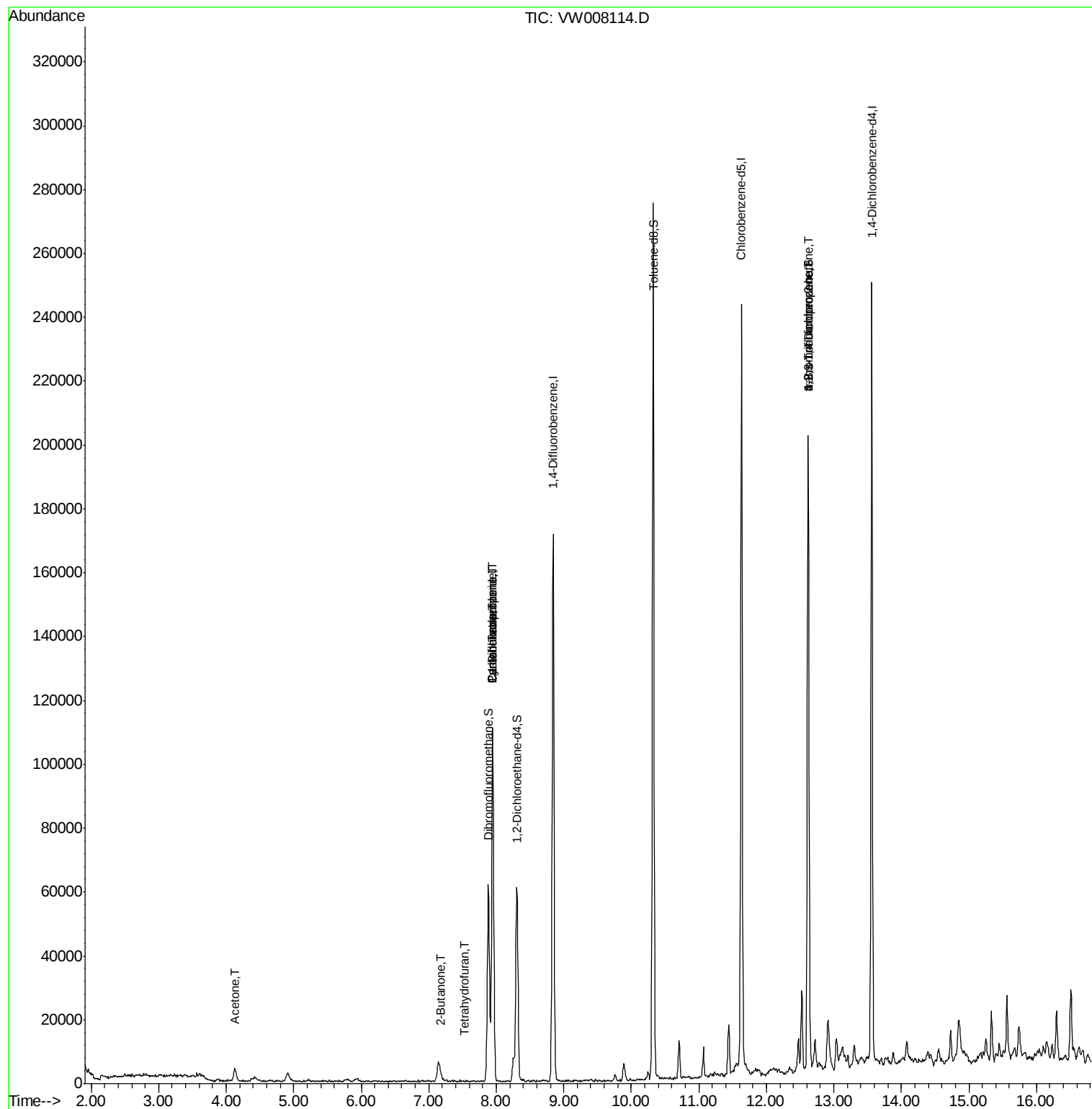
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	394	Below Cal	#	100
13) Acrolein	3.91	56	81	Below Cal	#	14
16) Acetone	4.13	43	7456	27.859	ug/l	99
20) Methylene Chloride	4.91	84	2104	Below Cal	#	74
25) 2-Butanone	7.18	43	2850	11.521	ug/l	# 78
29) Tetrahydrofuran	7.53	42	275	1.664	ug/l	# 53
31) Cyclohexane	7.95	56	2135	1.141	ug/l	# 6
36) 1,1-Dichloropropene	7.95	75	6892	4.732	ug/l	# 49
38) Carbon Tetrachloride	7.95	117	8200	6.152	ug/l	# 16
76) 1,2,3-Trichloropropane	12.62	75	31334	56.947	ug/l	# 1
81) trans-1,4-Dichloro-2-buten	12.62	75	31334	132.613	ug/l	# 11

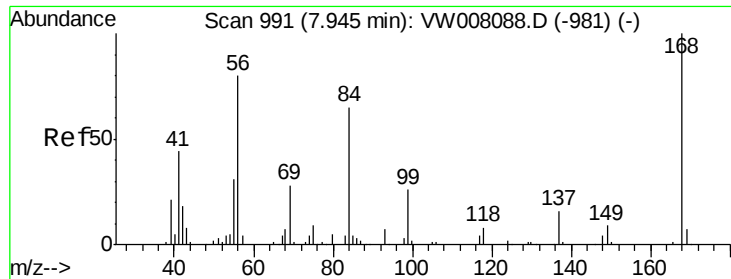
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
Data File : VW008114.D
Acq On : 09 Jan 2019 20:10
Operator : SY/AP
Sample : K1074-18
Misc : 5.53G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
W12-9

Quant Time: Jan 10 05:59:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008114.D

Acq: 09 Jan 2019 20:10

Instrument :

MSVOA_W

ClientSampled :

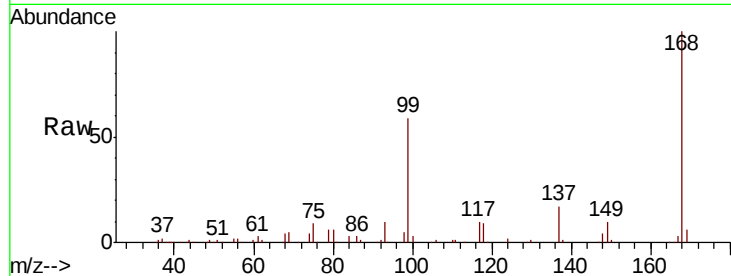
W12-9

Tgt Ion: 168 Resp: 79110

Ion Ratio Lower Upper

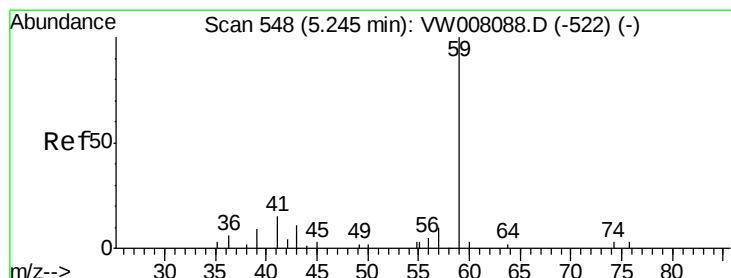
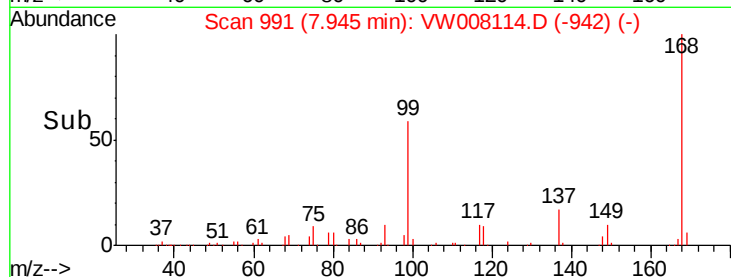
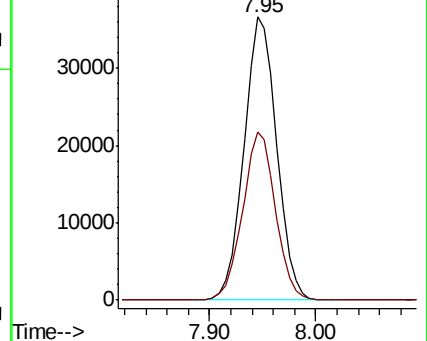
168 100

99 59.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 538

Delta R.T. -0.06 min

Lab File: VW008114.D

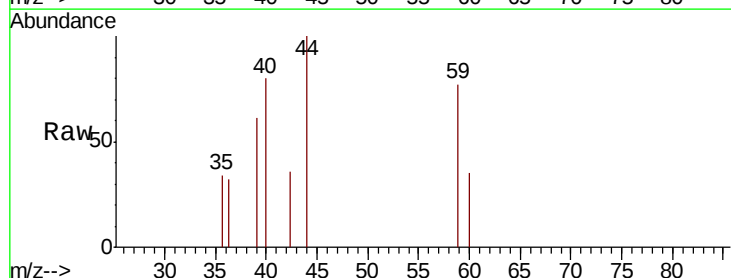
Acq: 09 Jan 2019 20:10

Tgt Ion: 59 Resp: 394

Ion Ratio Lower Upper

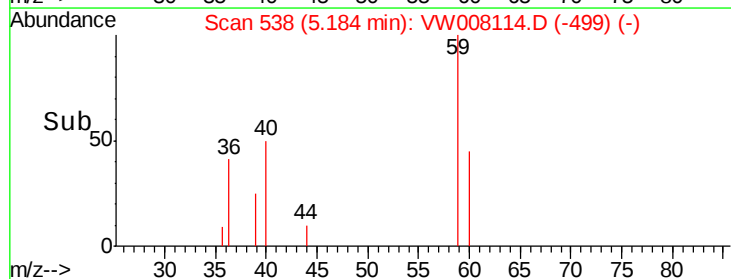
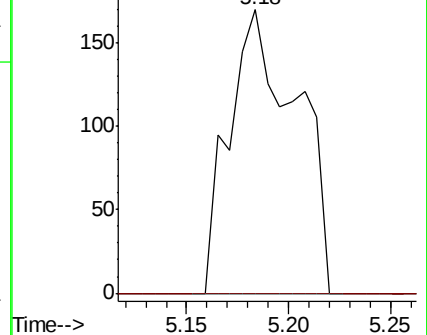
59 100

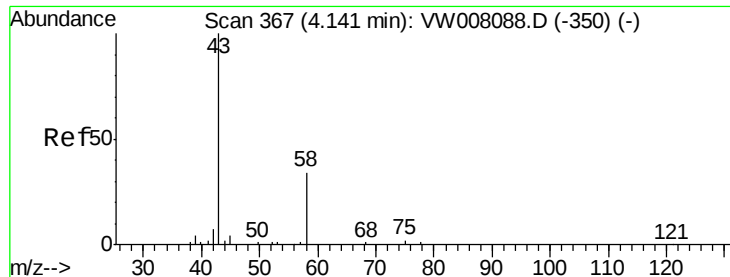
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 27.859 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008114.D

Acq: 09 Jan 2019 20:10

Instrument :

MSVOA_W

ClientSampled :

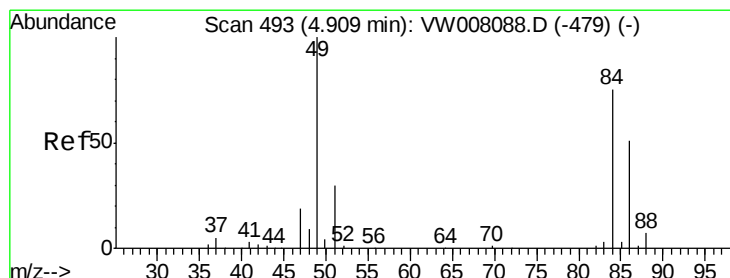
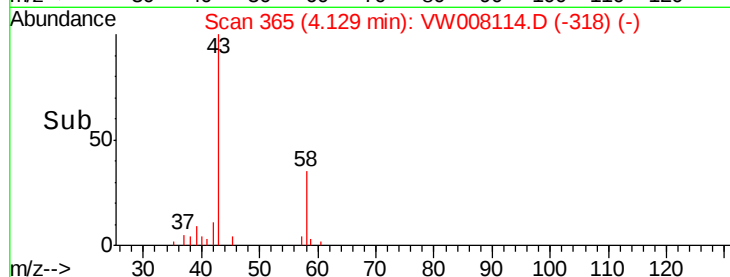
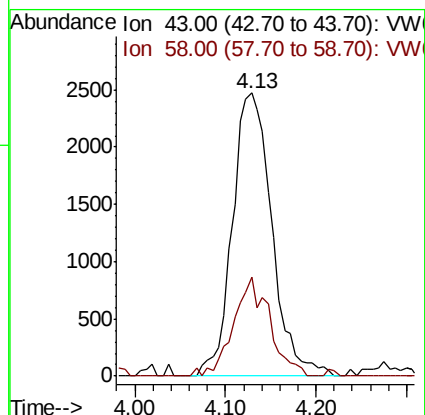
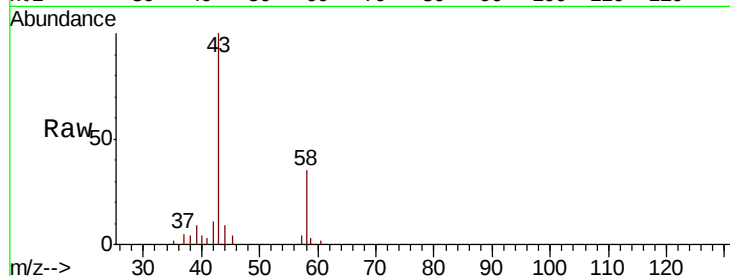
W12-9

Tgt Ion: 43 Resp: 7456

Ion Ratio Lower Upper

43 100

58 35.2 27.5 41.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008114.D

Acq: 09 Jan 2019 20:10

Tgt Ion: 84 Resp: 2104

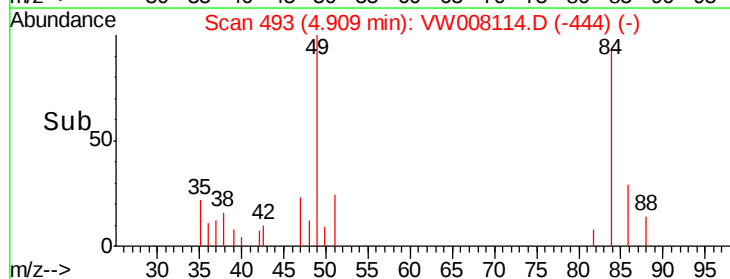
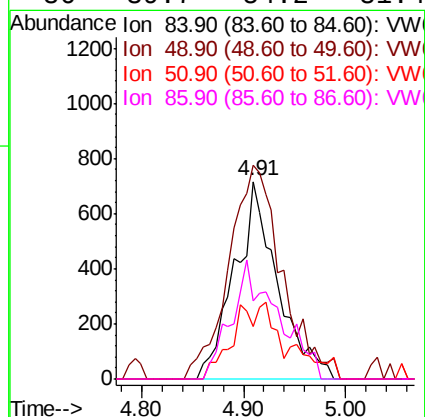
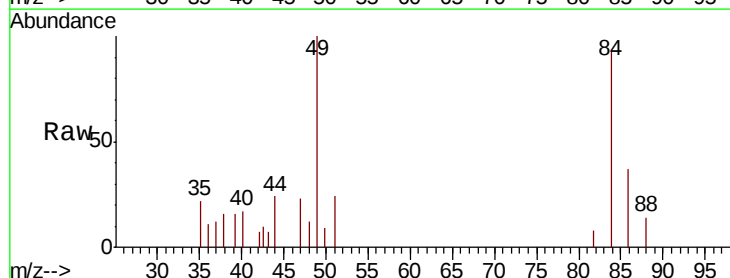
Ion Ratio Lower Upper

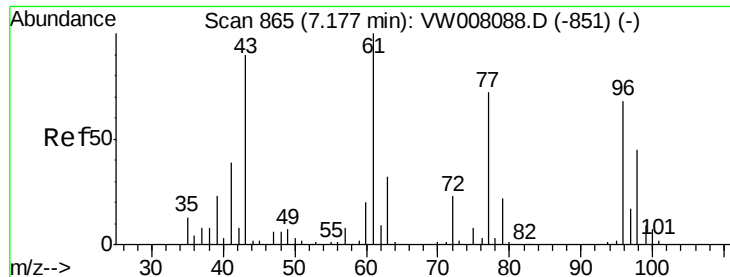
84 100

49 108.1 107.1 160.7

51 26.4 32.4 48.6#

86 39.7 54.2 81.4#

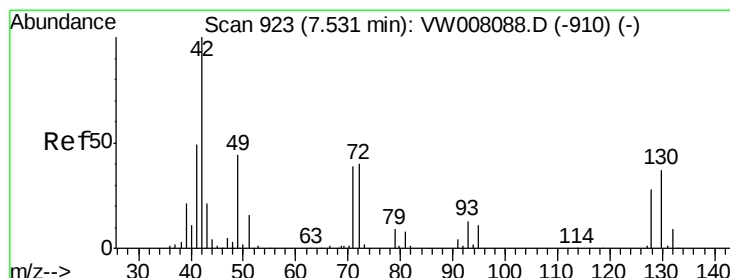
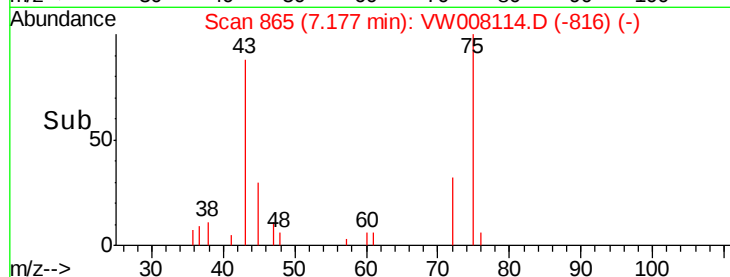
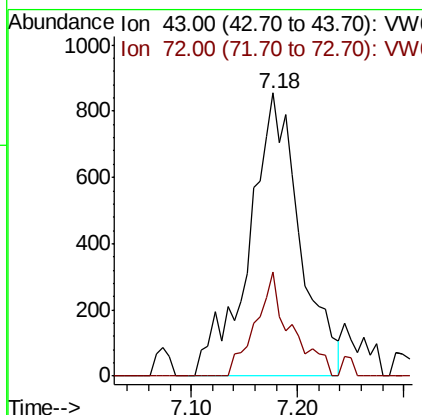
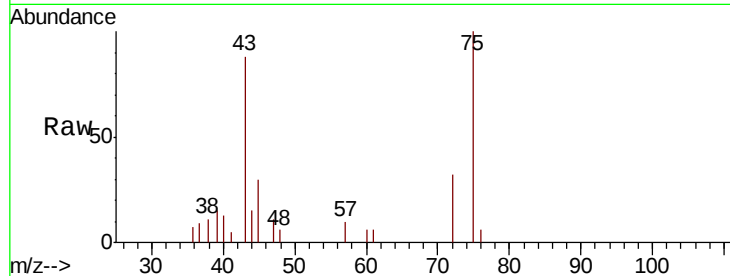




#25
 2-Butanone
 Concen: 11.521 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW008114.D
 Acq: 09 Jan 2019 20:10

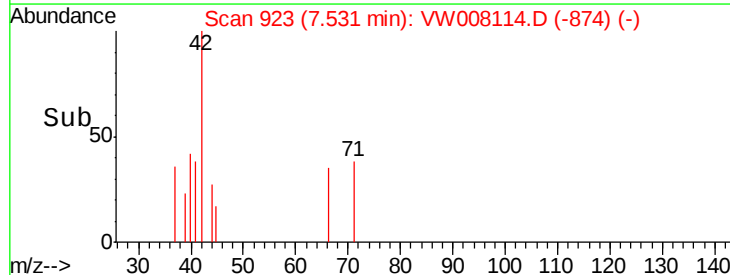
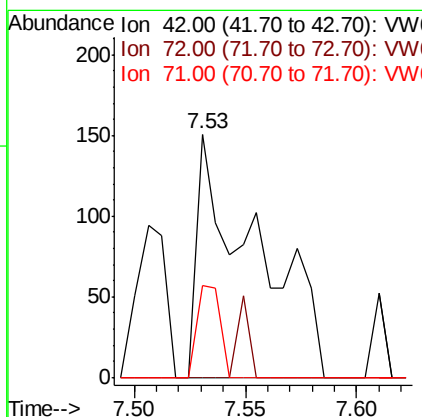
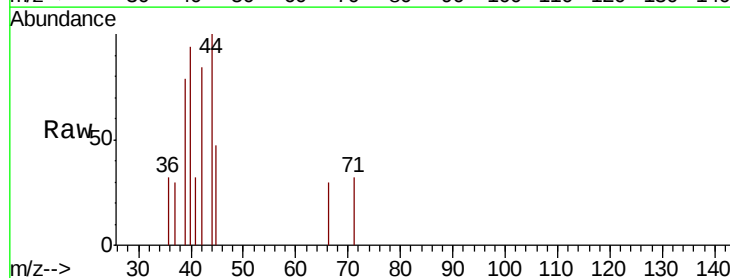
Instrument :
 MSVOA_W
 ClientSampleId :
 W12-9

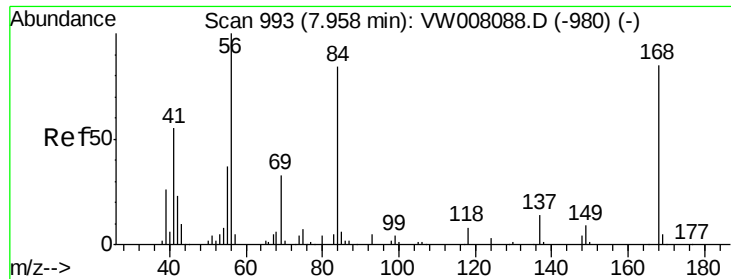
Tgt Ion: 43 Resp: 2850
 Ion Ratio Lower Upper
 43 100
 72 36.6 20.5 30.7#



#29
 Tetrahydrofuran
 Concen: 1.664 ug/l
 RT: 7.53 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VW008114.D
 Acq: 09 Jan 2019 20:10

Tgt Ion: 42 Resp: 275
 Ion Ratio Lower Upper
 42 100
 72 6.9 32.4 48.6#
 71 14.9 31.3 46.9#

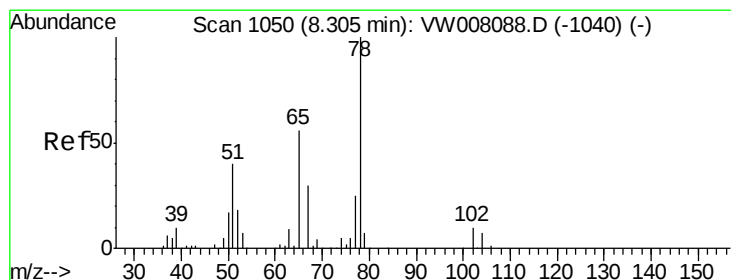
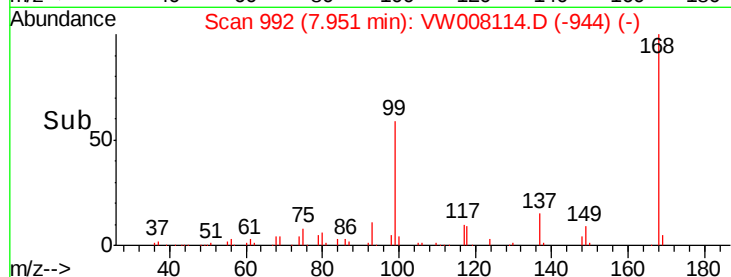
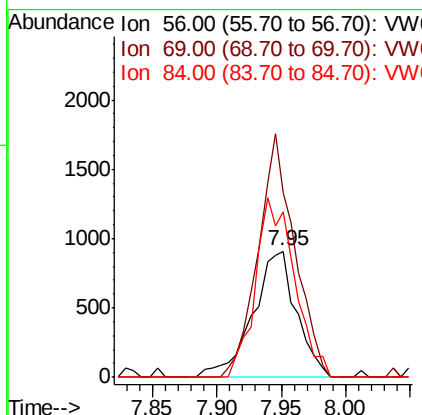
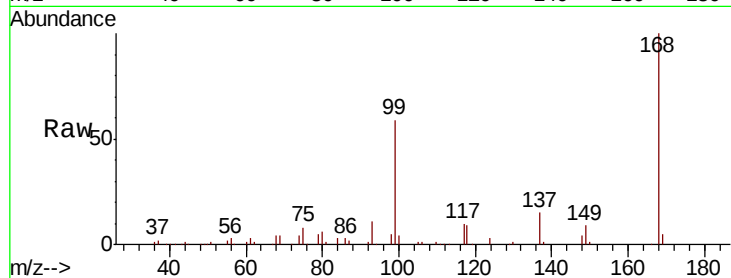




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008114.D
Acq: 09 Jan 2019 20:10

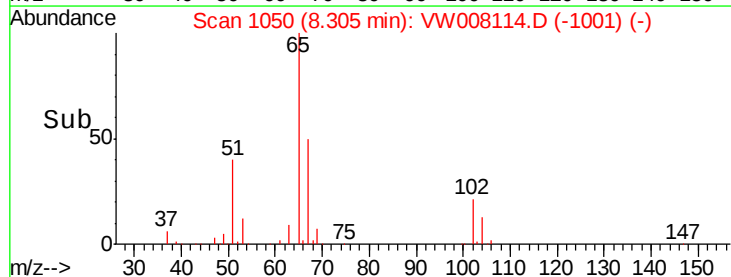
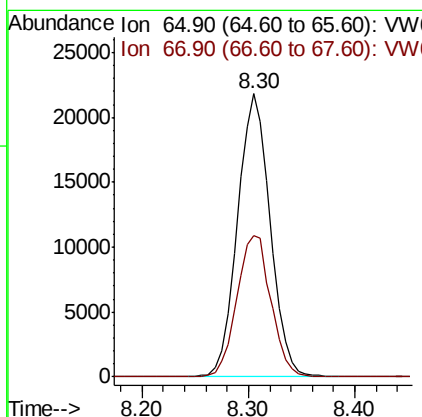
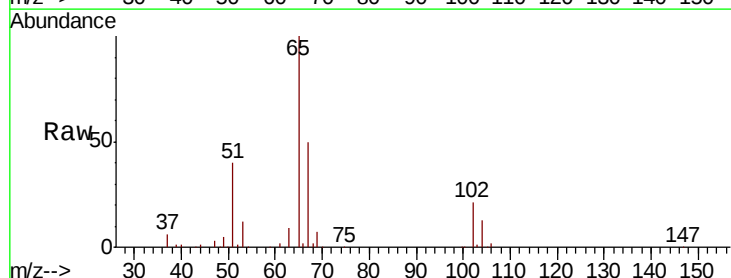
Instrument :
MSVOA_W
ClientSampleId :
W12-9

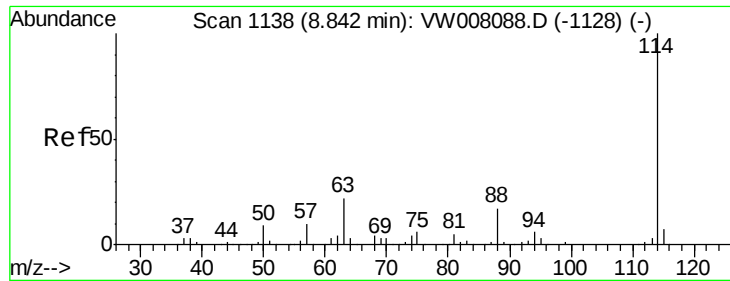
Tgt Ion: 56 Resp: 2135
Ion Ratio Lower Upper
56 100
69 147.1 26.2 39.4#
84 131.5 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 52.877 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008114.D
Acq: 09 Jan 2019 20:10

Tgt Ion: 65 Resp: 47014
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.8

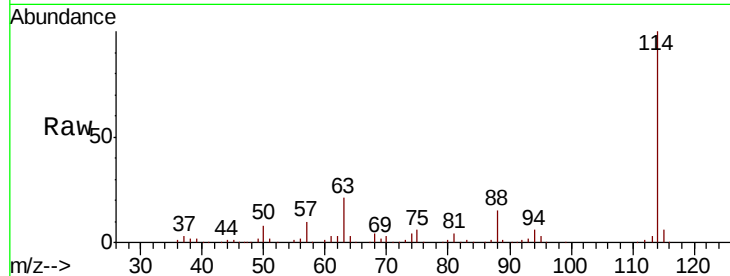




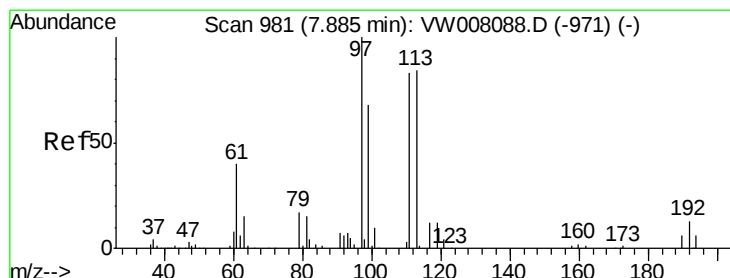
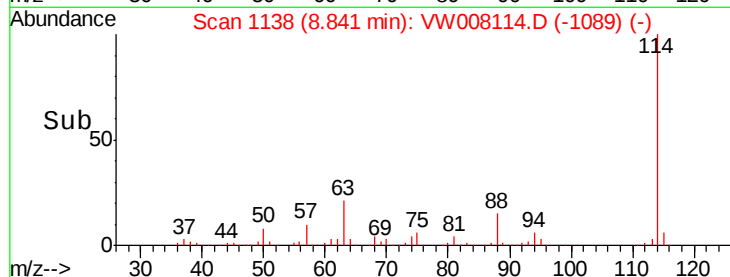
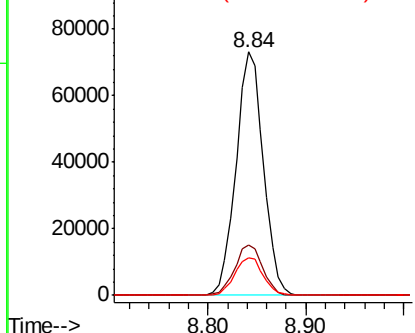
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008114.D
 Acq: 09 Jan 2019 20:10

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-9

Tgt Ion:114 Resp: 141380
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.4
 88 15.3 0.0 33.4

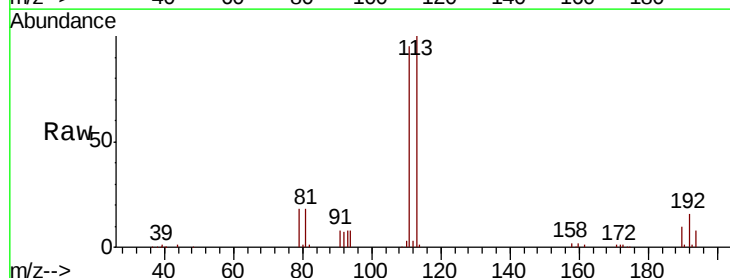


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

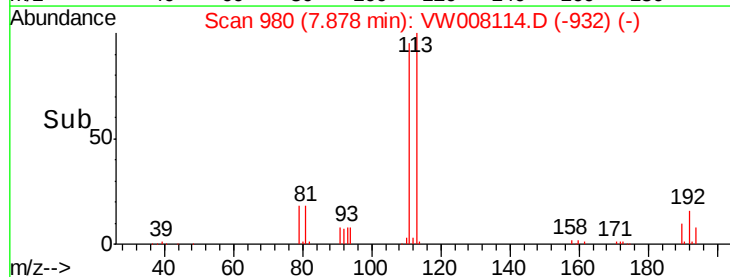
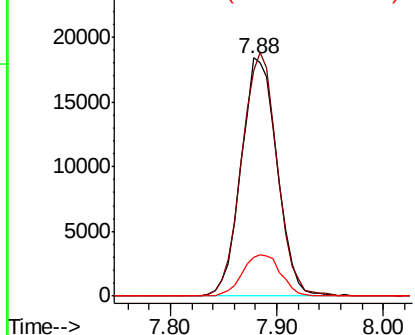


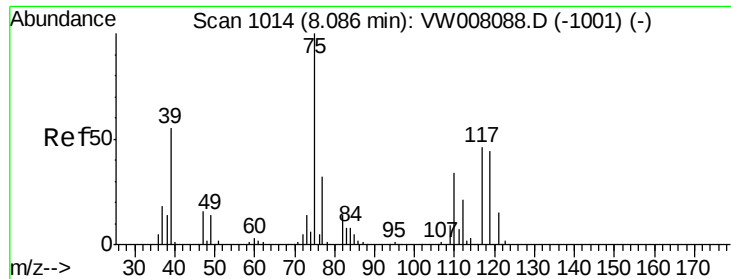
#35
 Dibromofluoromethane
 Concen: 52.839 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008114.D
 Acq: 09 Jan 2019 20:10

Tgt Ion:113 Resp: 43570
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.8 122.8
 192 18.4 12.8 19.2



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

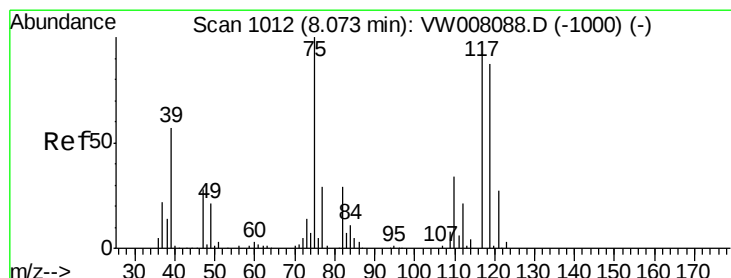
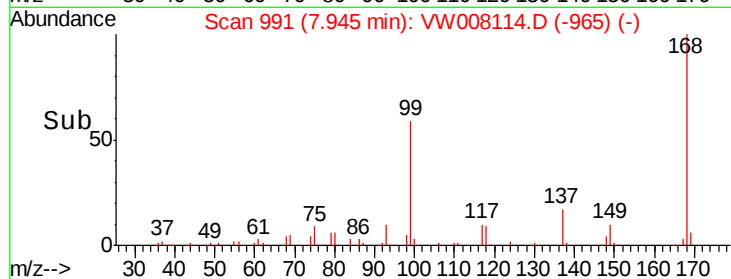
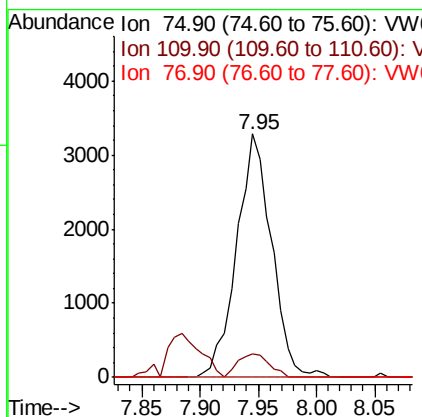
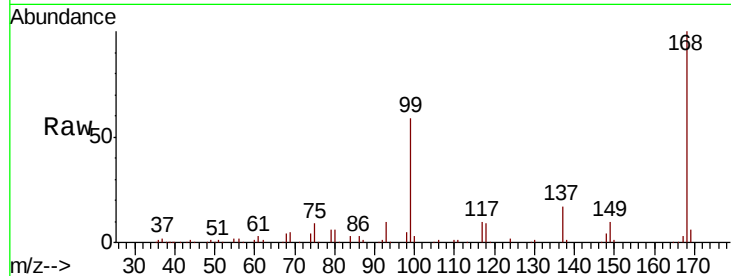




#36
 1,1-Dichloropropene
 Concen: 4.732 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008114.D
 Acq: 09 Jan 2019 20:10

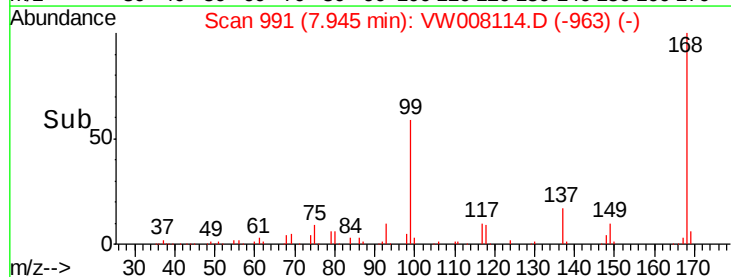
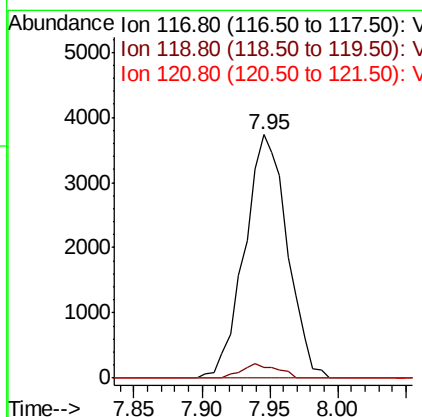
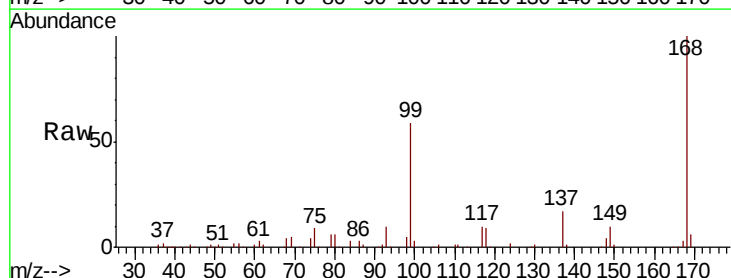
Instrument :
 MSVOA_W
 ClientSampleId :
 W12-9

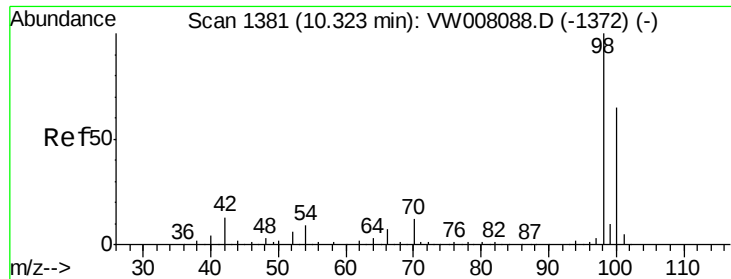
Tgt Ion: 75 Resp: 6892
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.3#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.152 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008114.D
 Acq: 09 Jan 2019 20:10

Tgt Ion: 117 Resp: 8200
 Ion Ratio Lower Upper
 117 100
 119 4.4 75.8 113.8#
 121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 52.104 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008114.D

Acq: 09 Jan 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

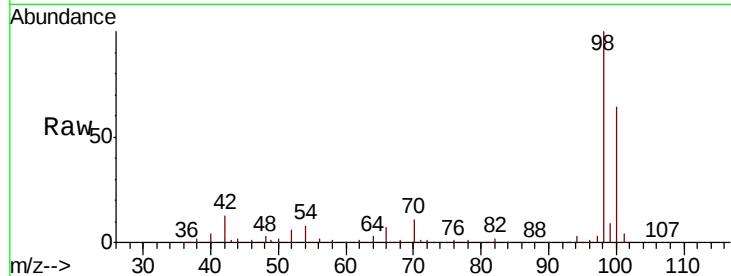
W12-9

Tgt Ion: 98 Resp: 180295

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

120000

100000

80000

60000

40000

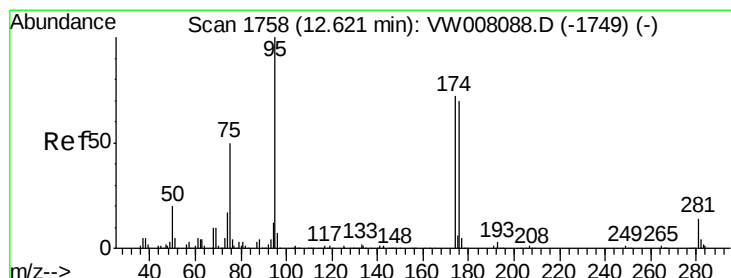
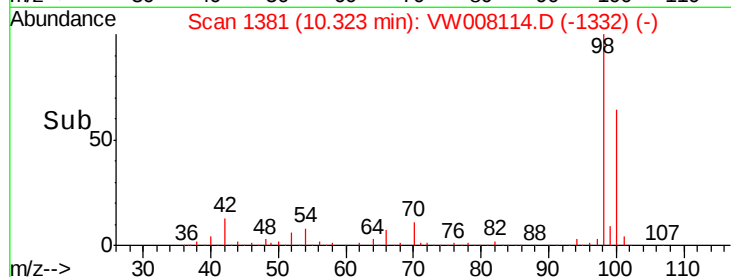
20000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 49.406 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008114.D

Acq: 09 Jan 2019 20:10

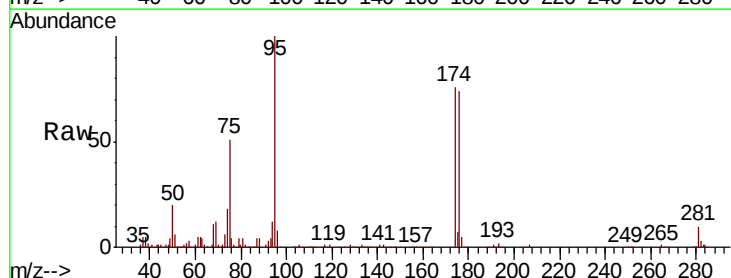
Tgt Ion: 95 Resp: 61288

Ion Ratio Lower Upper

95 100

174 78.0 0.0 143.0

176 74.7 0.0 140.2



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

50000

40000

30000

20000

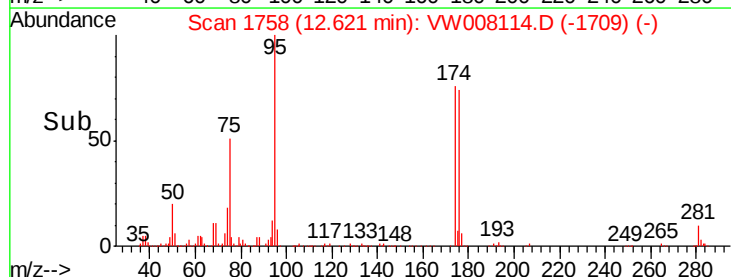
10000

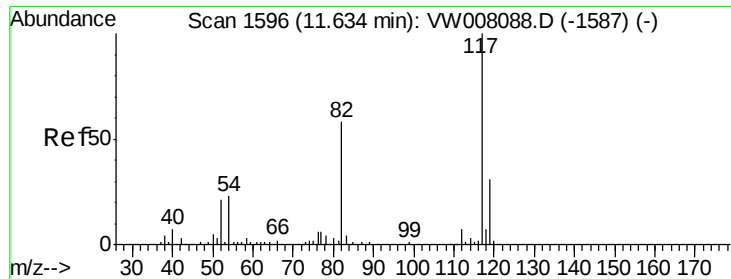
0

12.60

12.70

Time-->

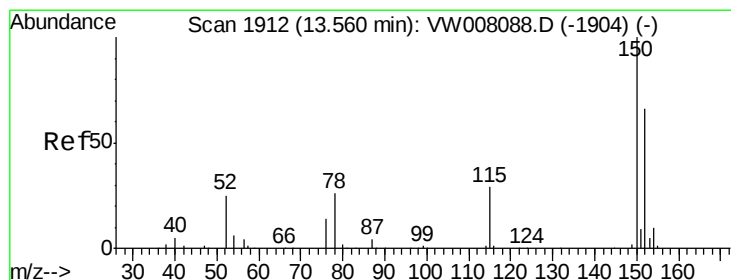
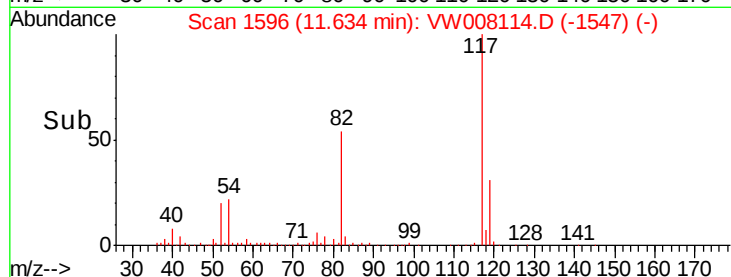
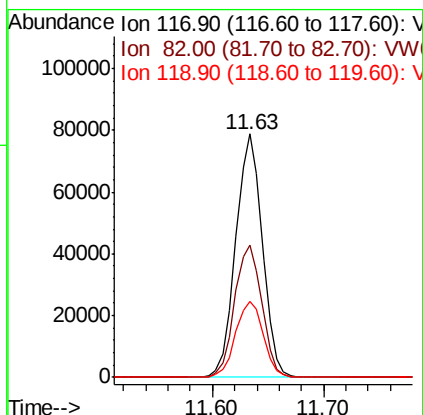
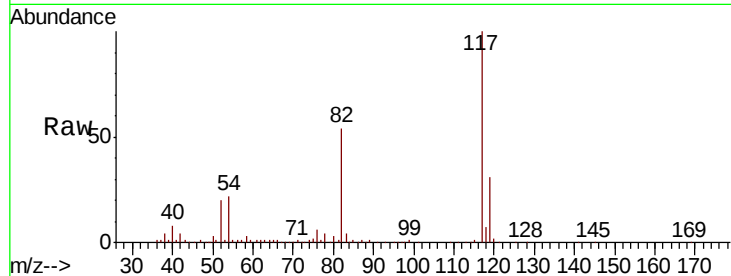




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008114.D
Acq: 09 Jan 2019 20:10

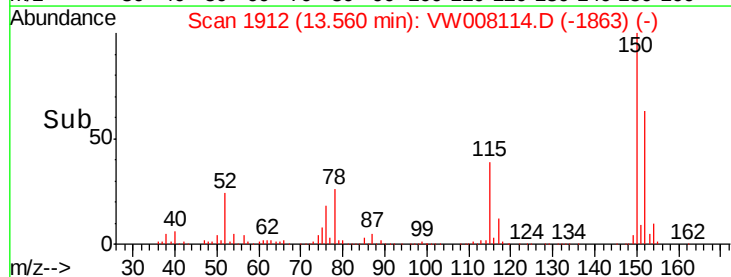
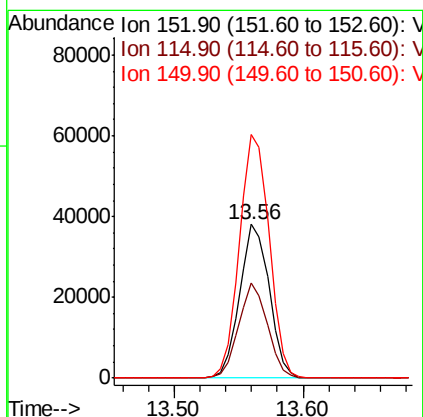
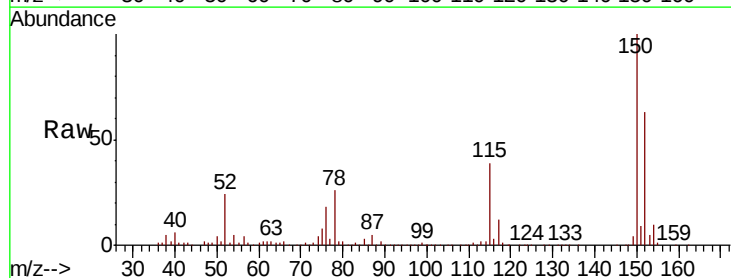
Instrument :
MSVOA_W
ClientSampled :
W12-9

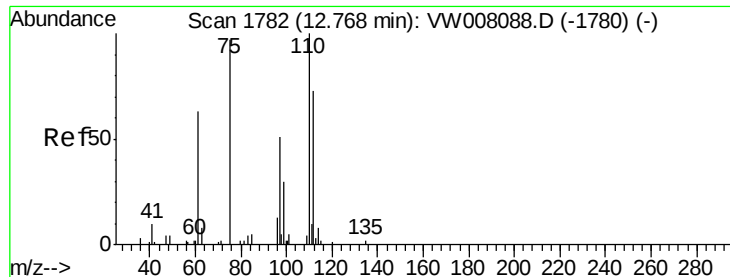
Tgt Ion:117 Resp: 129886
Ion Ratio Lower Upper
117 100
82 54.2 46.4 69.6
119 31.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008114.D
Acq: 09 Jan 2019 20:10

Tgt Ion:152 Resp: 60358
Ion Ratio Lower Upper
152 100
115 60.4 30.8 92.4
150 159.6 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 56.947 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008114.D

Acq: 09 Jan 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

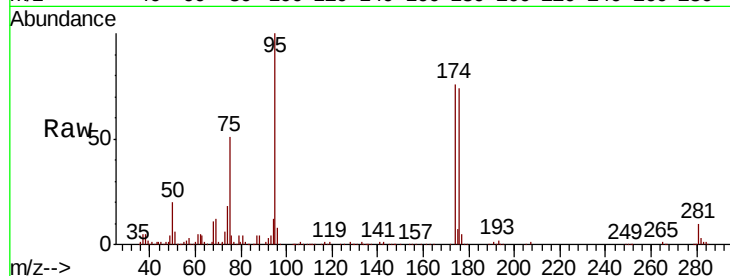
W12-9

Tgt Ion: 75 Resp: 31334

Ion Ratio Lower Upper

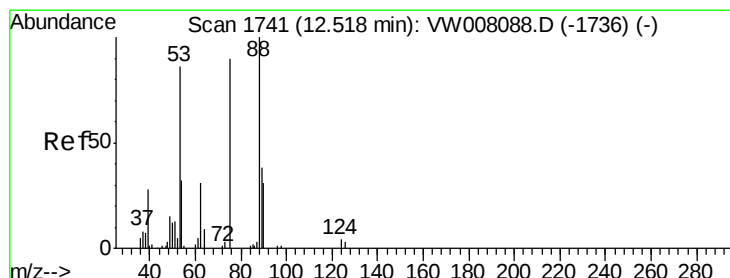
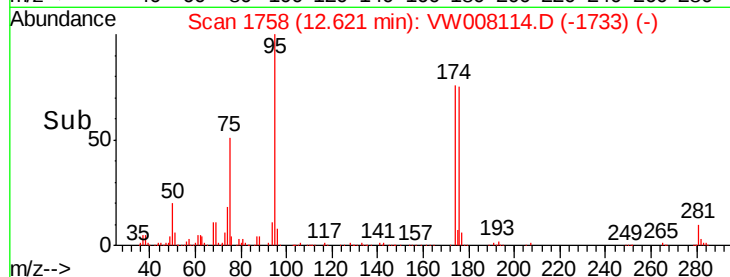
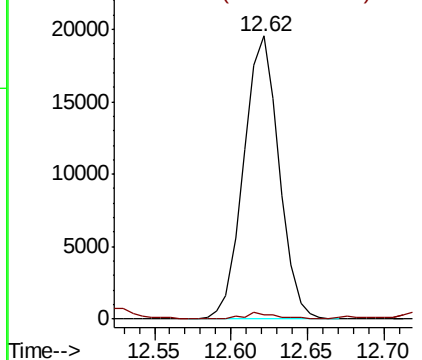
75 100

77 2.0 179.4 538.2#



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: 132.613 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008114.D

Acq: 09 Jan 2019 20:10

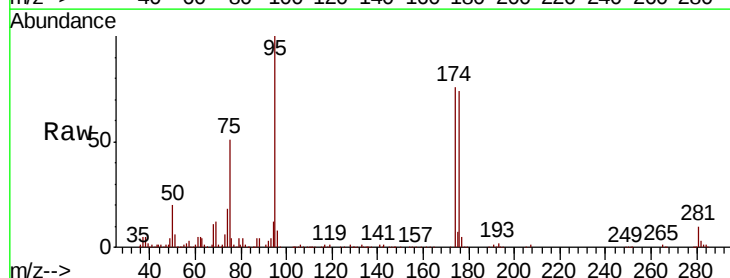
Tgt Ion: 75 Resp: 31334

Ion Ratio Lower Upper

75 100

53 0.4 78.8 118.2#

89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

