

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
 Data File : VW008130.D
 Acq On : 10 Jan 2019 04:58
 Operator : SY/AP
 Sample : K1082-11RE
 Misc : 7.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1-6

Quant Time: Jan 10 06:04:05 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

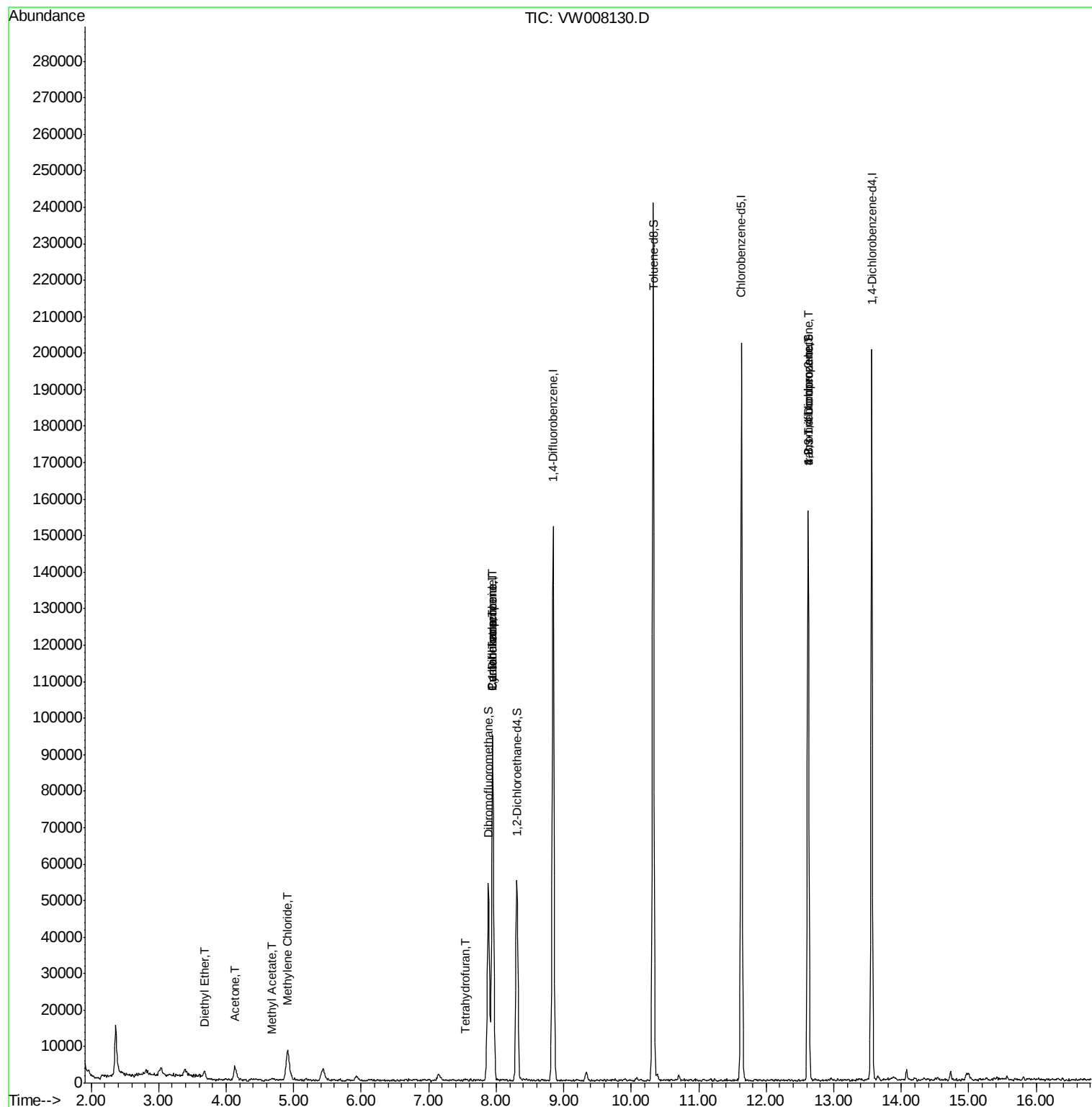
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	64013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42852	59.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.12%	
35) Dibromofluoromethane	7.88	113	38374	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
50) Toluene-d8	10.32	98	155519	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.62	95	50100	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
Target Compounds						
8) Diethyl Ether	3.68	74	1074	2.642	ug/l	87
11) Tert butyl alcohol	5.22	59	119	Below Cal	#	100
13) Acrolein	3.91	56	46	Below Cal	#	14
16) Acetone	4.13	43	6696	33.459	ug/l #	84
18) Methyl Acetate	4.67	43	525	1.155	ug/l	92
20) Methylene Chloride	4.92	84	6287	4.500	ug/l	87
29) Tetrahydrofuran	7.54	42	438	3.276	ug/l #	55
31) Cyclohexane	7.95	56	2180	1.440	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	5637	4.503	ug/l #	52
38) Carbon Tetrachloride	7.95	117	6975	6.088	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	25557	59.939	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25557	139.579	ug/l #	10

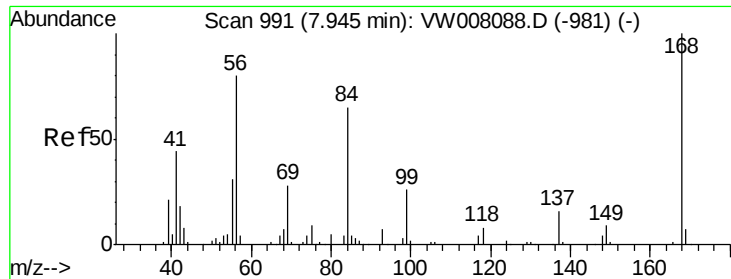
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008130.D

Acq: 10 Jan 2019 04:58

Instrument :

MSVOA_W

ClientSampleId :

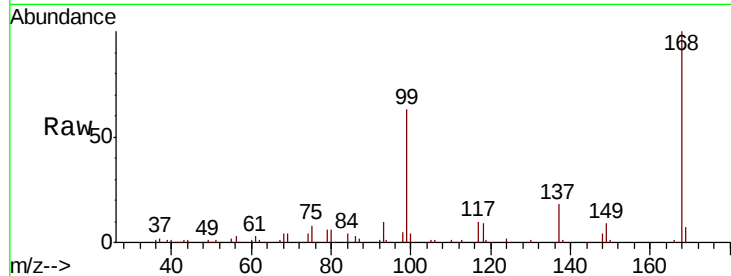
SP-1-6

Tgt Ion:168 Resp: 64013

Ion Ratio Lower Upper

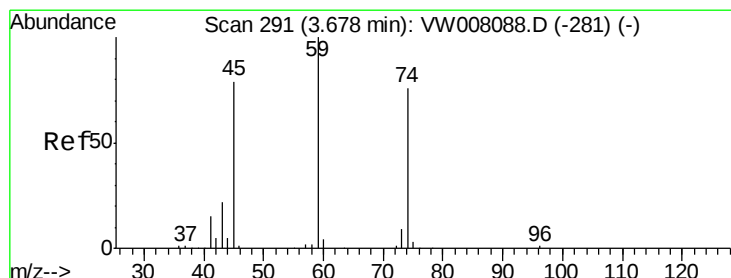
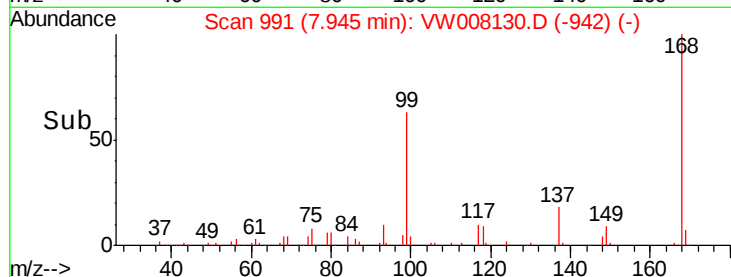
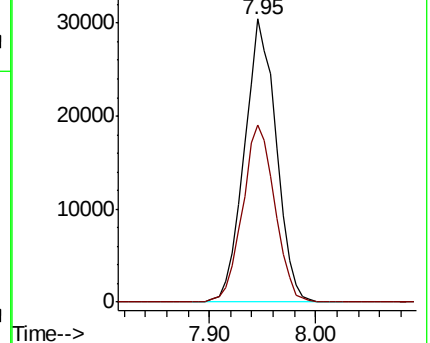
168 100

99 62.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.642 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008130.D

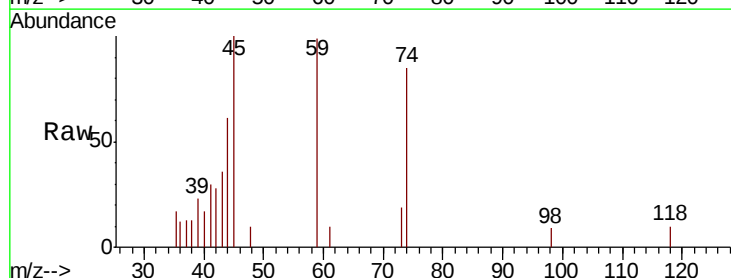
Acq: 10 Jan 2019 04:58

Tgt Ion: 74 Resp: 1074

Ion Ratio Lower Upper

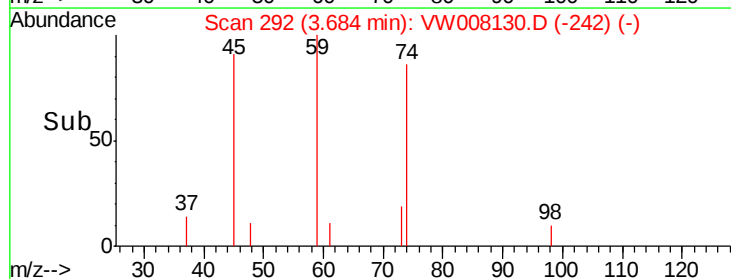
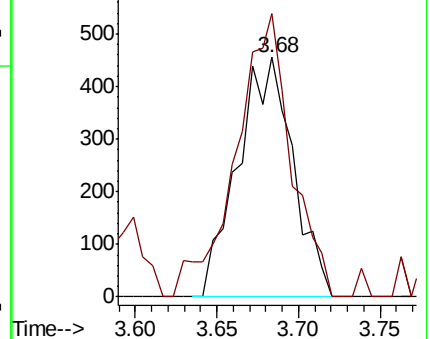
74 100

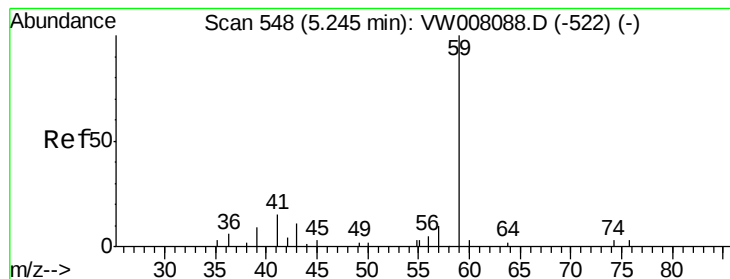
45 118.6 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



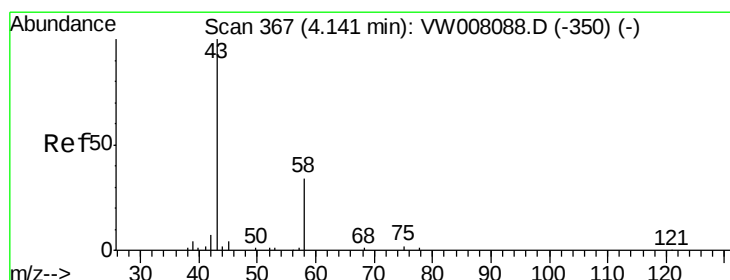
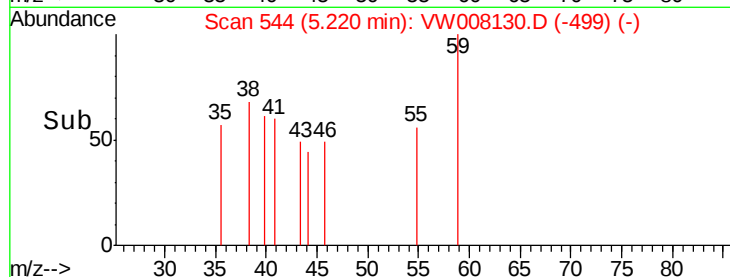
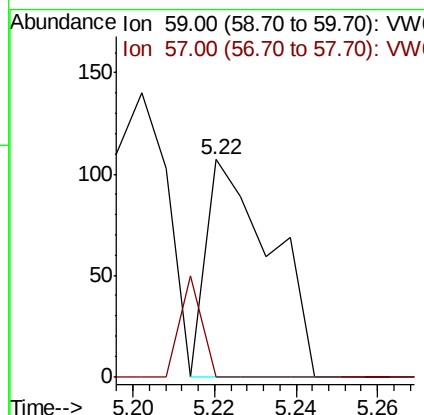
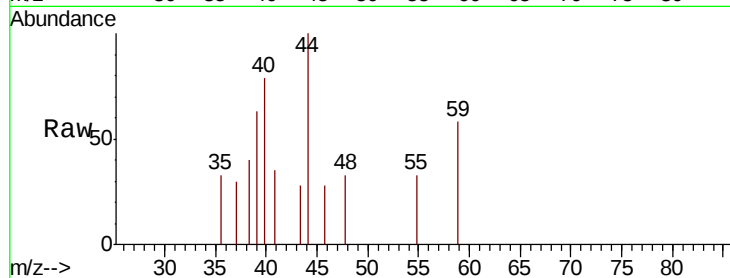


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.22 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: VW008130.D
 Acq: 10 Jan 2019 04:58

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1-6

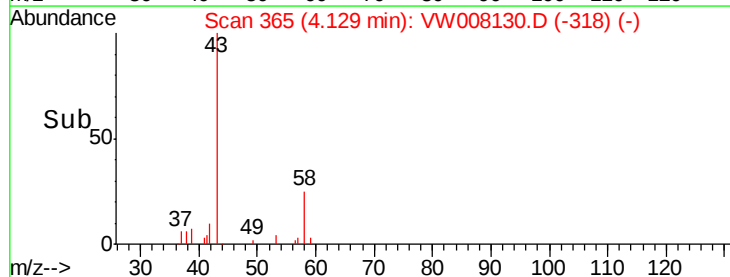
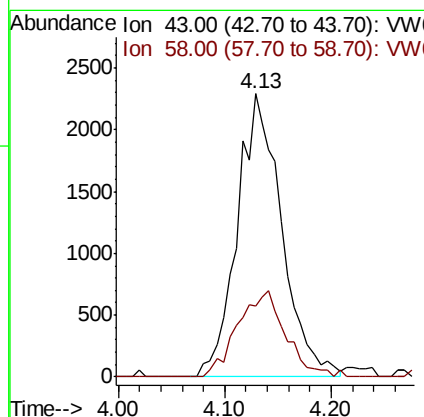
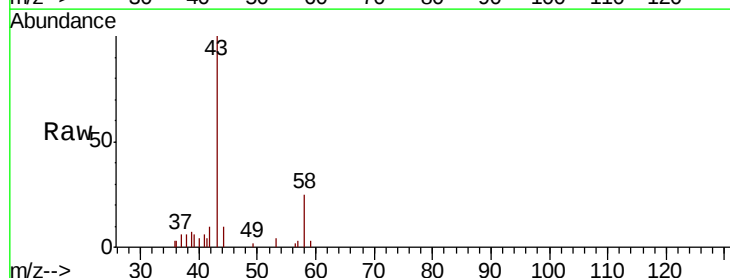
Tgt Ion: 59 Resp: 119
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0

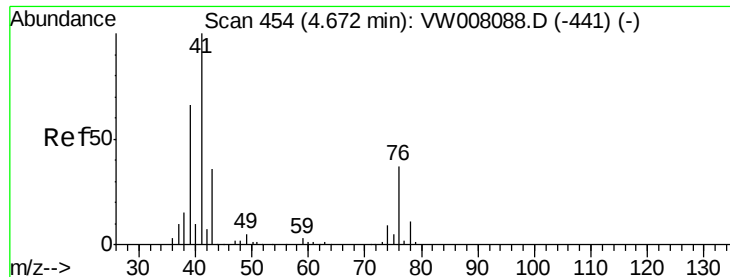


#16

Acetone
 Concen: 33.459 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VW008130.D
 Acq: 10 Jan 2019 04:58

Tgt Ion: 43 Resp: 6696
 Ion Ratio Lower Upper
 43 100
 58 24.9 27.5 41.3#





#18

Methyl Acetate

Concen: 1.155 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008130.D

Acq: 10 Jan 2019 04:58

Instrument :

MSVOA_W

ClientSampleId :

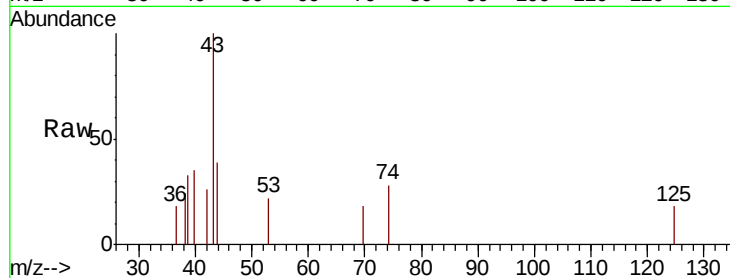
SP-1-6

Tgt Ion: 43 Resp: 525

Ion Ratio Lower Upper

43 100

74 27.6 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

400

300

200

100

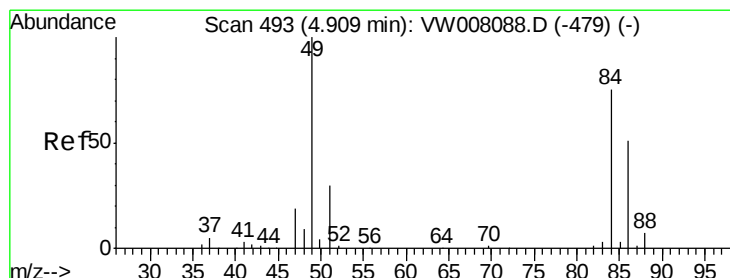
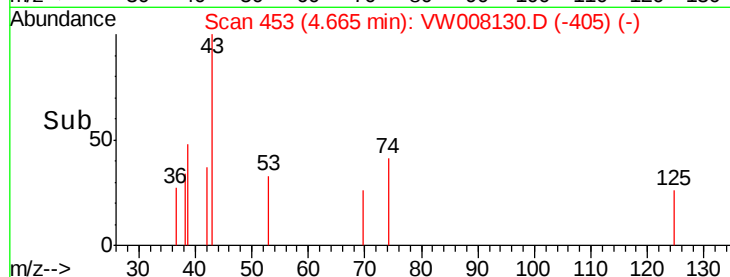
0

4.60

4.65

4.67

Time-->



#20

Methylene Chloride

Concen: 4.500 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008130.D

Acq: 10 Jan 2019 04:58

Tgt Ion: 84 Resp: 6287

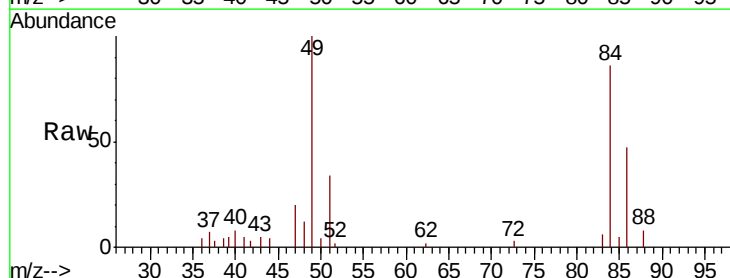
Ion Ratio Lower Upper

84 100

49 116.6 107.1 160.7

51 39.3 32.4 48.6

86 54.6 54.2 81.4



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

3000

2000

1000

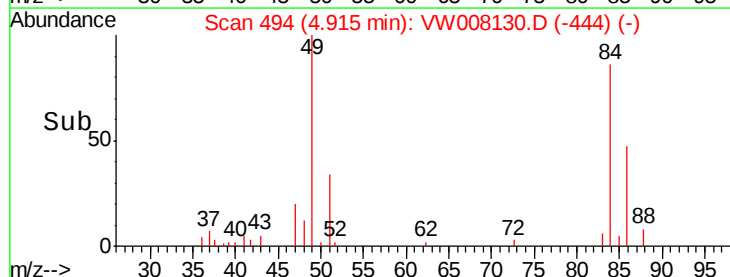
0

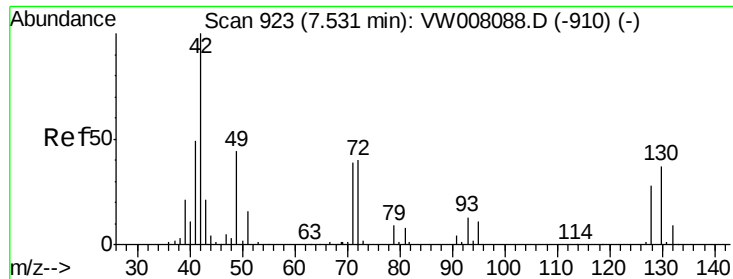
4.80

4.90

4.92

Time-->





#29

Tetrahydrofuran

Concen: 3.276 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008130.D

Acq: 10 Jan 2019 04:58

Instrument :

MSVOA_W

ClientSampled :

SP-1-6

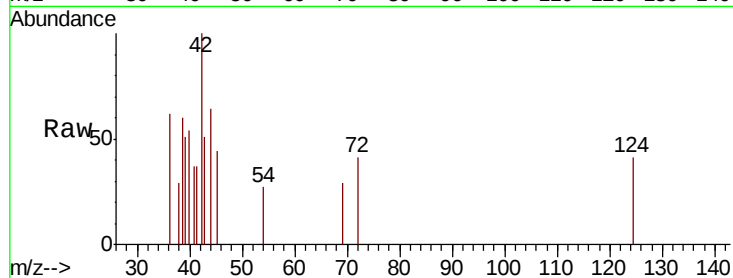
Tgt Ion: 42 Resp: 438

Ion Ratio Lower Upper

42 100

72 23.7 32.4 48.6#

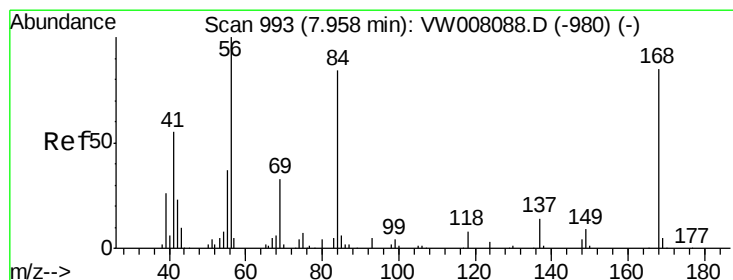
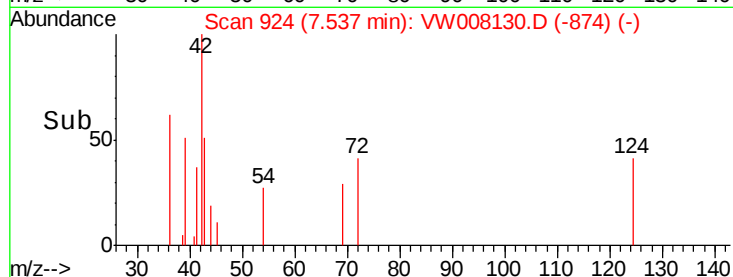
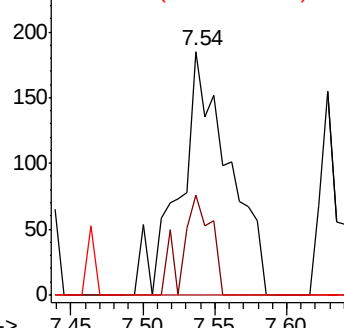
71 0.0 31.3 46.9#



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



#31

Cyclohexane

Concen: 1.440 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008130.D

Acq: 10 Jan 2019 04:58

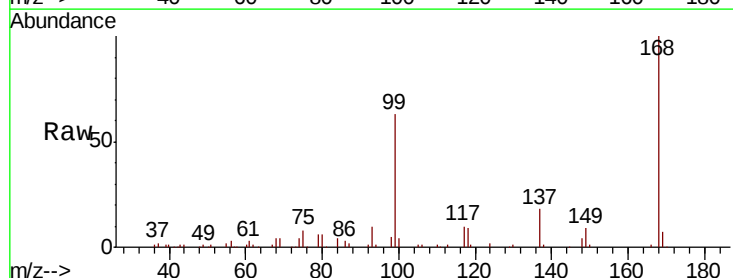
Tgt Ion: 56 Resp: 2180

Ion Ratio Lower Upper

56 100

69 131.2 26.2 39.4#

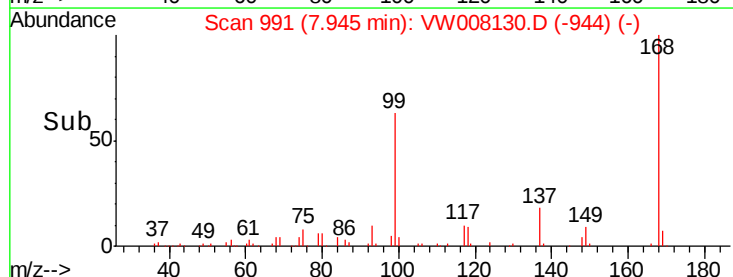
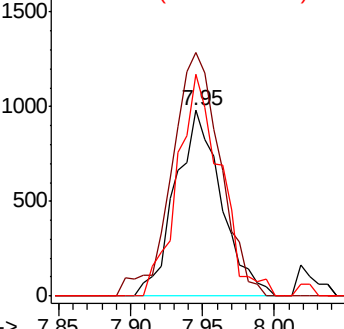
84 119.7 67.4 101.2#

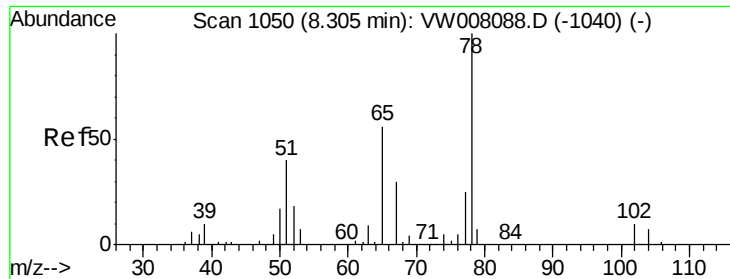


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

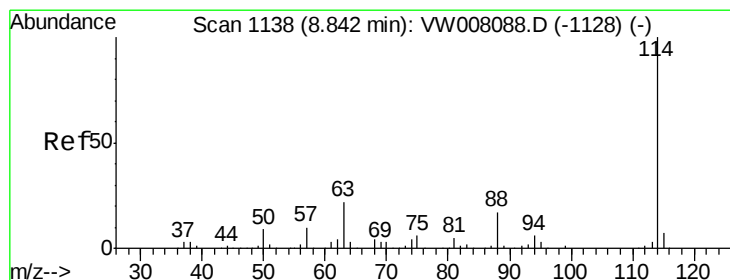
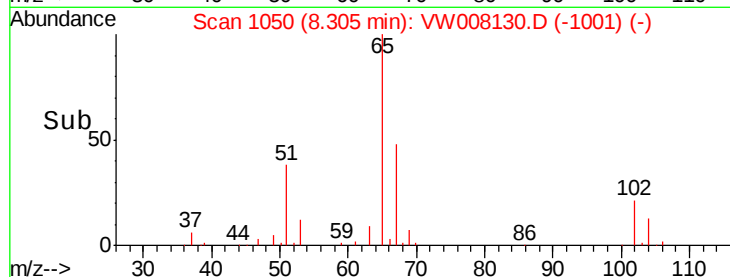
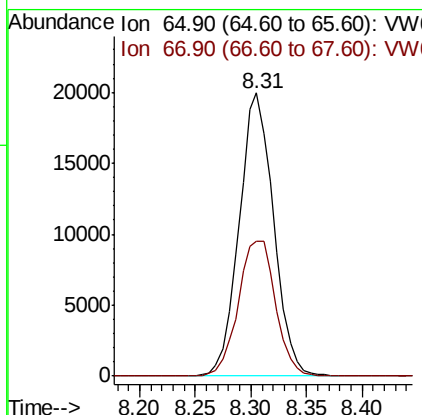
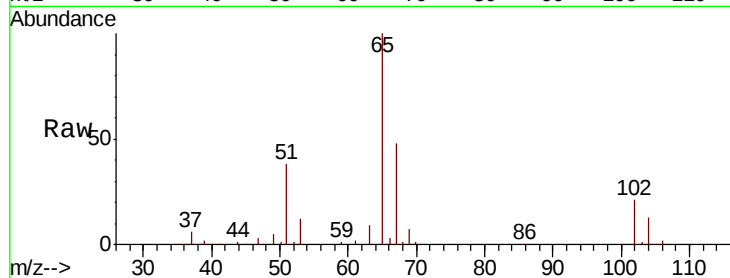




#33
 1,2-Dichloroethane-d4
 Concen: 59.562 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008130.D
 Acq: 10 Jan 2019 04:58

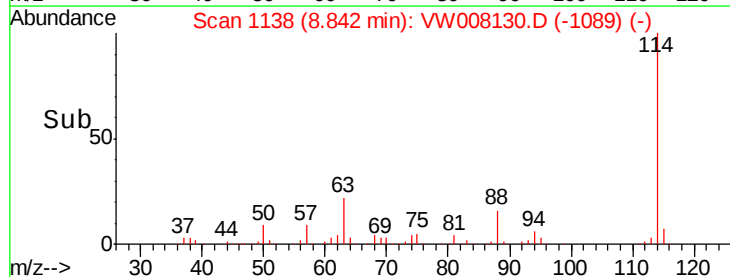
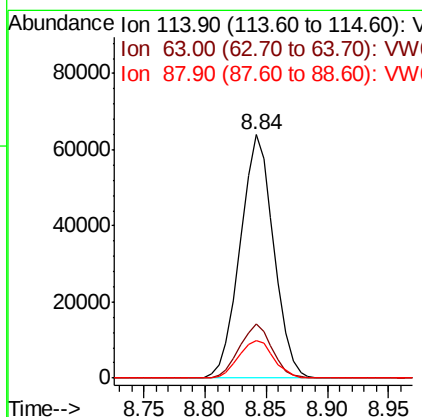
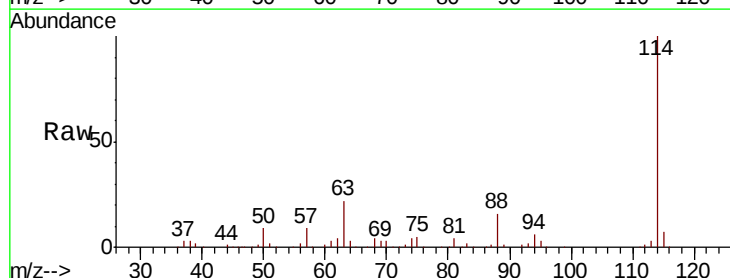
Instrument :
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 SP-1-6

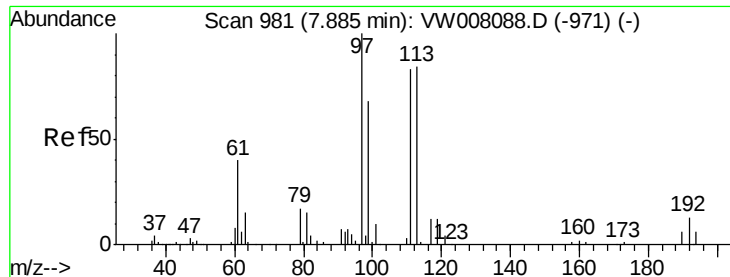
Tgt Ion: 65 Resp: 42852
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008130.D
 Acq: 10 Jan 2019 04:58

Tgt Ion: 114 Resp: 121524
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 15.6 0.0 33.4

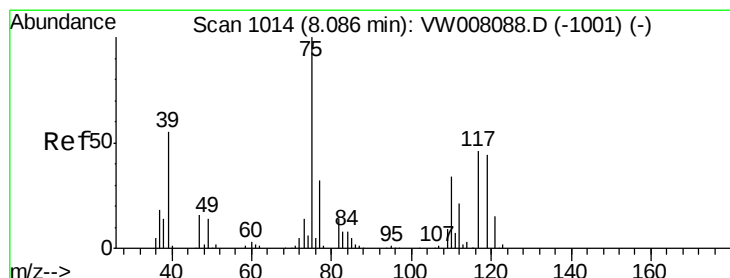
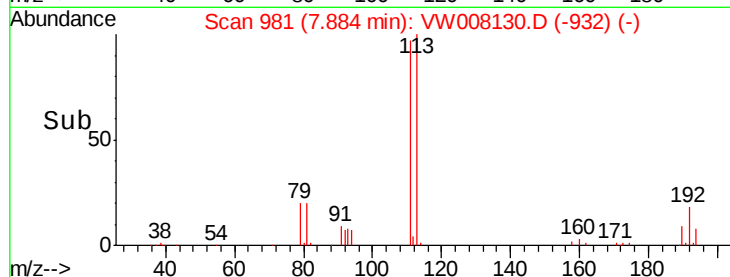
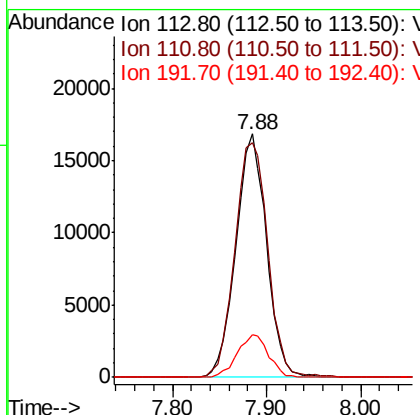
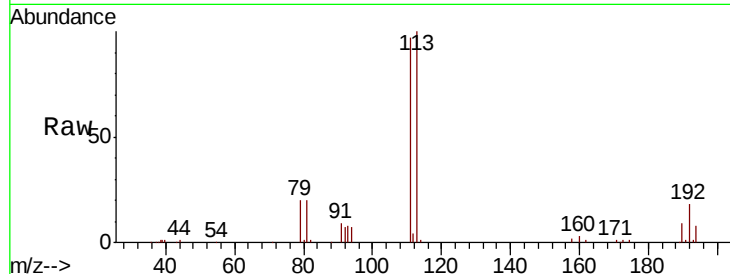




#35
 Dibromofluoromethane
 Concen: 54.141 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008130.D
 Acq: 10 Jan 2019 04:58

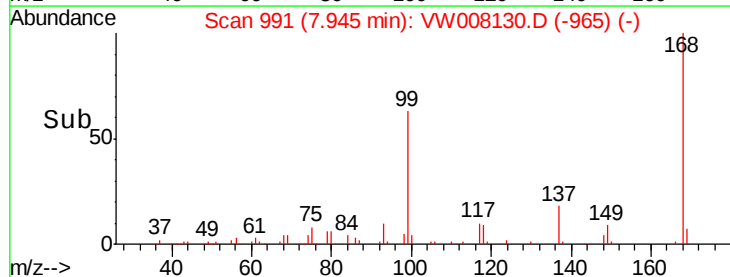
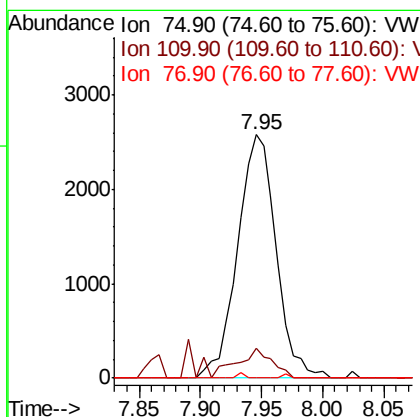
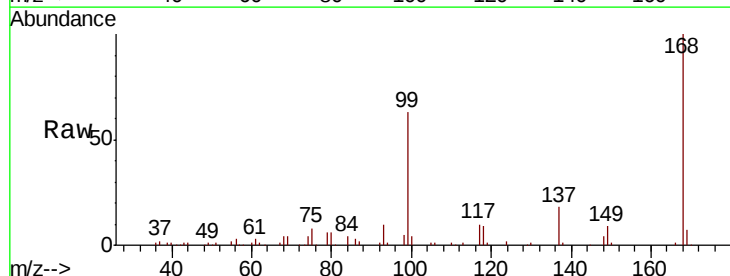
Instrument :
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 SP-1-6

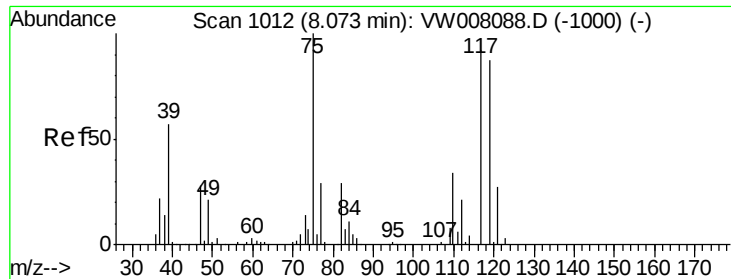
Tgt Ion:113 Resp: 38374
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 17.6 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.503 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008130.D
 Acq: 10 Jan 2019 04:58

Tgt Ion: 75 Resp: 5637
 Ion Ratio Lower Upper
 75 100
 110 11.3 17.1 51.3#
 77 0.4 25.5 38.3#

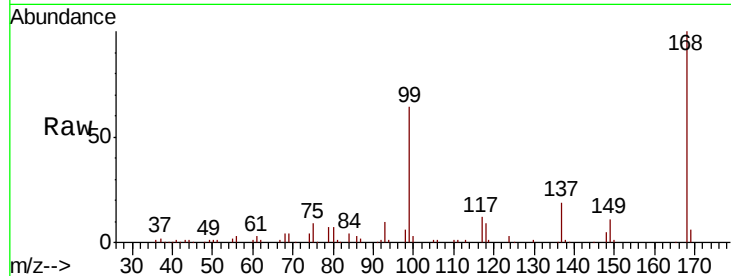




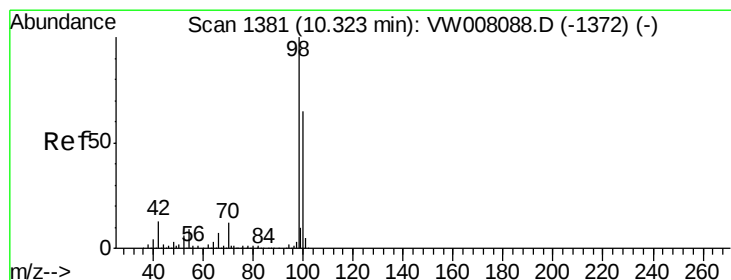
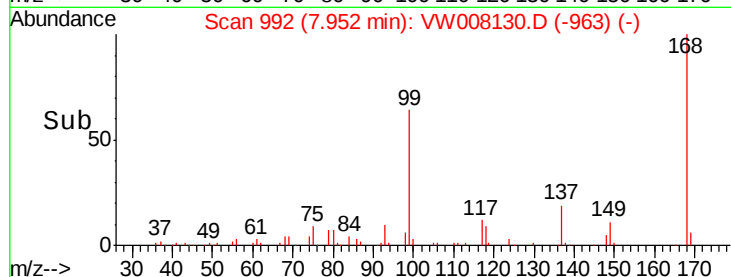
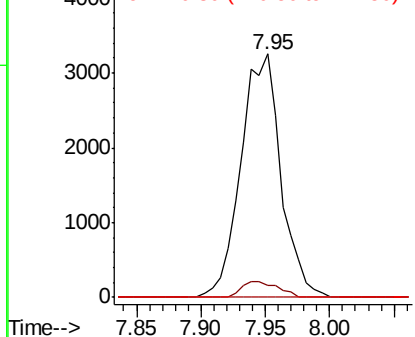
#38
Carbon Tetrachloride
Concen: 6.088 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008130.D
Acq: 10 Jan 2019 04:58

Instrument :
MSVOA_W
ClientSampleId :
SP-1-6

Tgt Ion: 117 Resp: 6975
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 23.7 35.5#

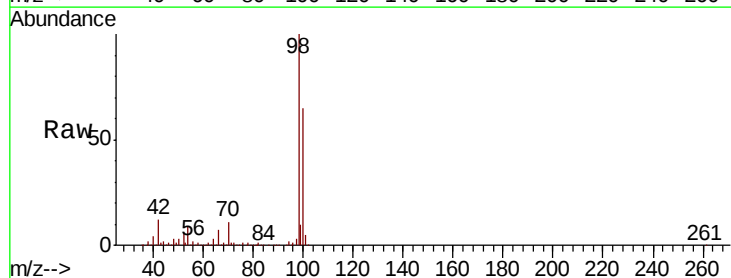


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

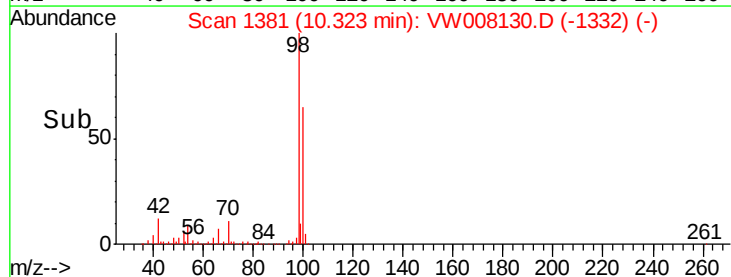
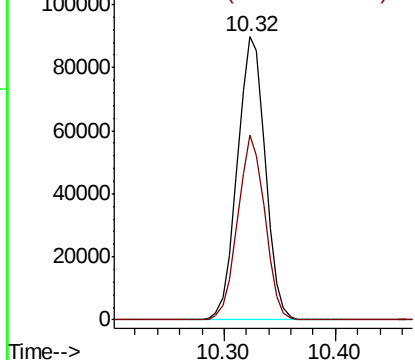


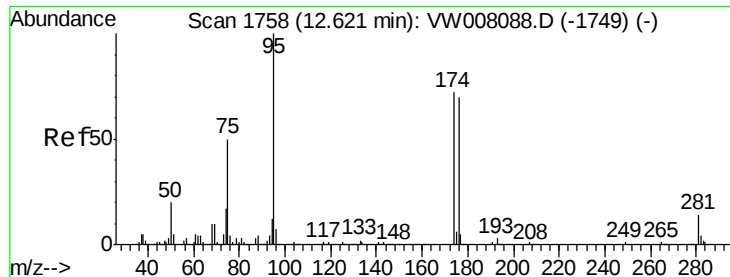
#50
Toluene-d8
Concen: 52.288 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008130.D
Acq: 10 Jan 2019 04:58

Tgt Ion: 98 Resp: 155519
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

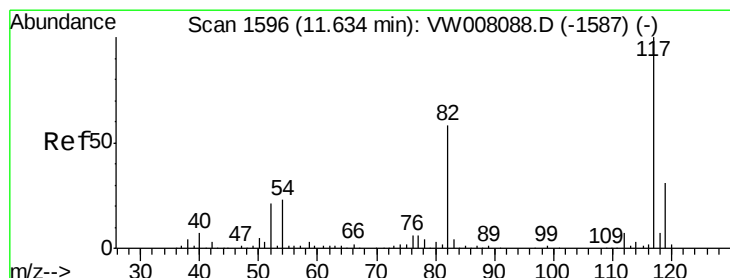
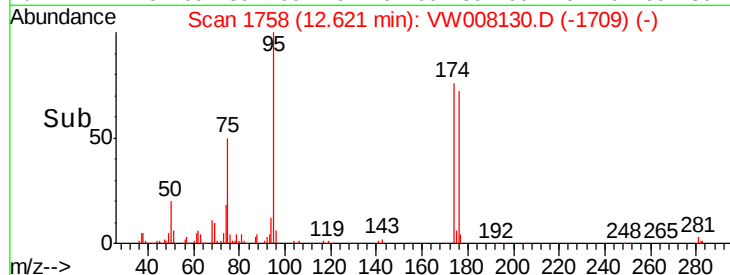
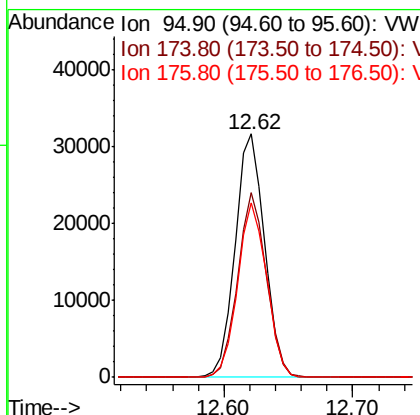
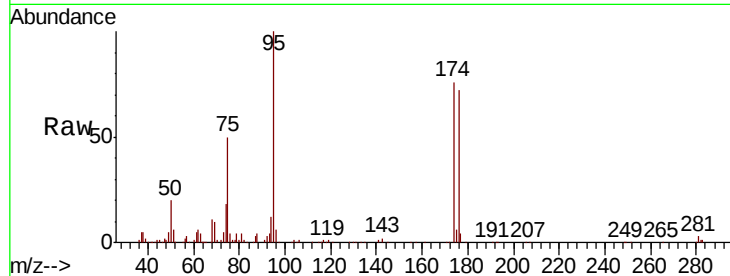




#62
4-Bromofluorobenzene
Concen: 46.986 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008130.D
Acq: 10 Jan 2019 04:58

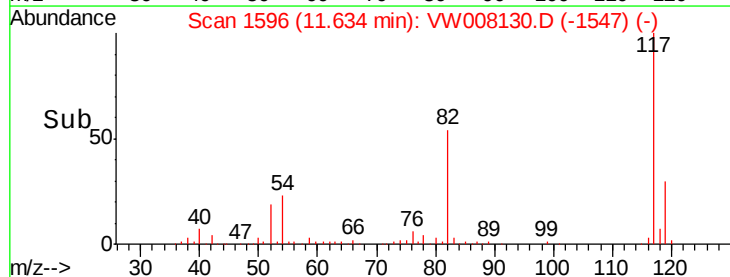
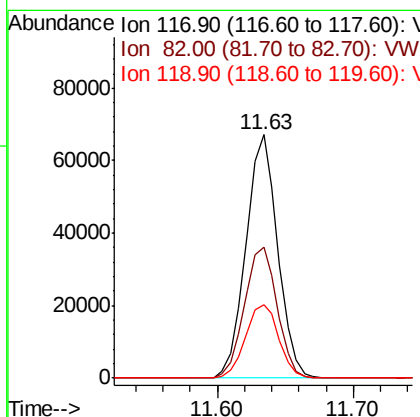
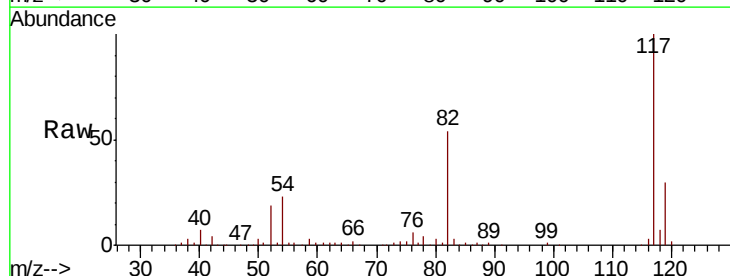
Instrument :
MSVOA_W
ClientSampleId :
SP-1-6

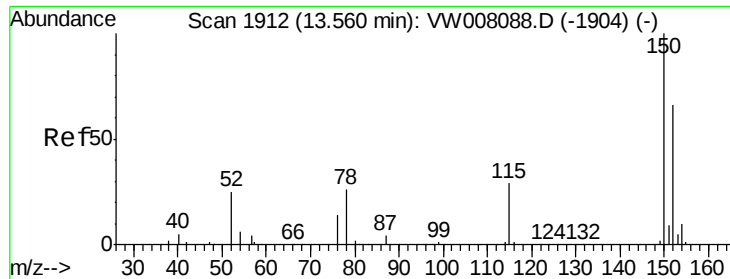
Tgt Ion: 95 Resp: 50100
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.0
176 70.7 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008130.D
Acq: 10 Jan 2019 04:58

Tgt Ion: 117 Resp: 109628
Ion Ratio Lower Upper
117 100
82 53.6 46.4 69.6
119 30.1 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: VW008130.D

Acq: 10 Jan 2019 04:58

Instrument :

MSVOA_W

ClientSampled :

SP-1-6

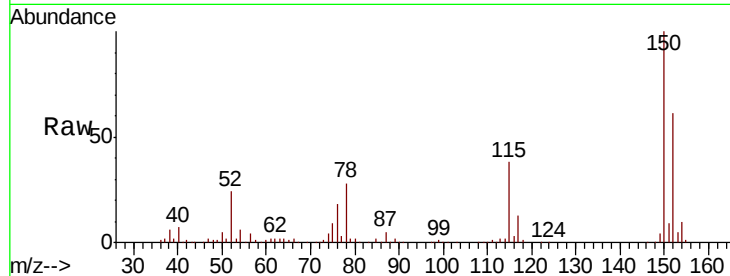
Tgt Ion:152 Resp: 46773

Ion Ratio Lower Upper

152 100

115 62.6 30.8 92.4

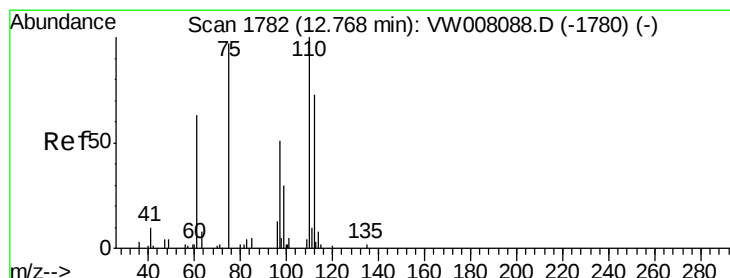
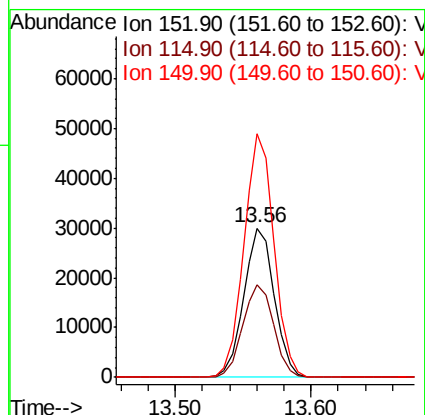
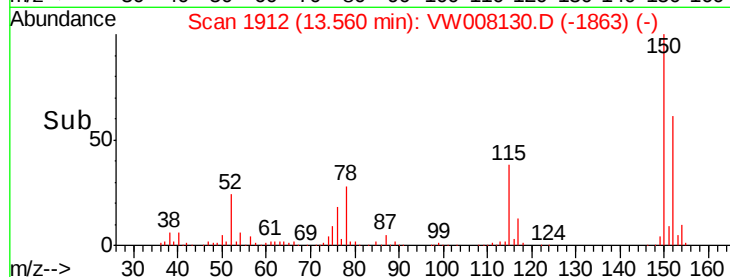
150 160.8 0.0 350.2



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: 59.939 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008130.D

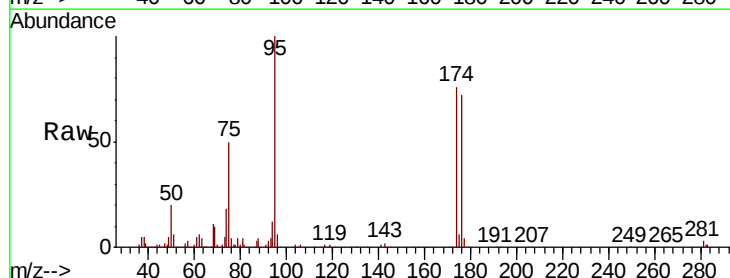
Acq: 10 Jan 2019 04:58

Tgt Ion: 75 Resp: 25557

Ion Ratio Lower Upper

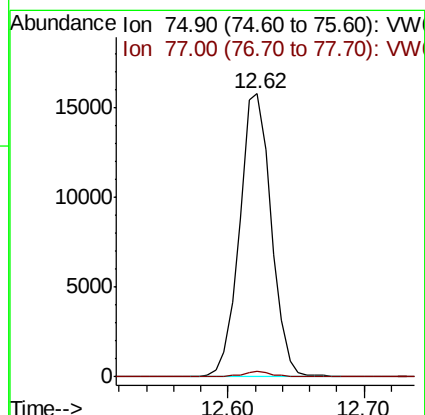
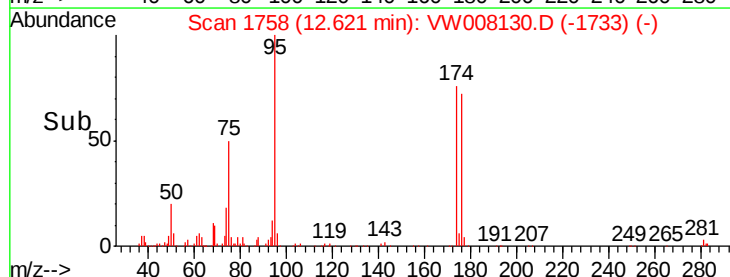
75 100

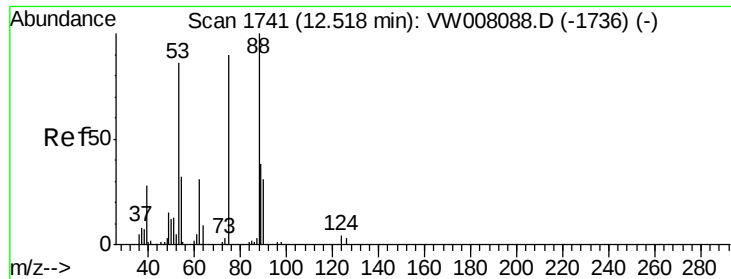
77 1.7 179.4 538.2#



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: 139.579 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008130.D

Acq: 10 Jan 2019 04:58

Instrument :

MSVOA_W

ClientSampleId :

SP-1-6

Tgt Ion: 75 Resp: 25557

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 35.4 53.2#

