

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008047.D
 Acq On : 04 Jan 2019 15:03
 Operator : SY/AP
 Sample : K1044-03
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-11(10-15)

Quant Time: Jan 05 00:37:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44703	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	44620	56.91	ug/l	0.00
Spiked Amount			Recovery	=	113.82%	
35) Dibromofluoromethane	7.88	113	37298	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	10.33	98	140961	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	49731	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	

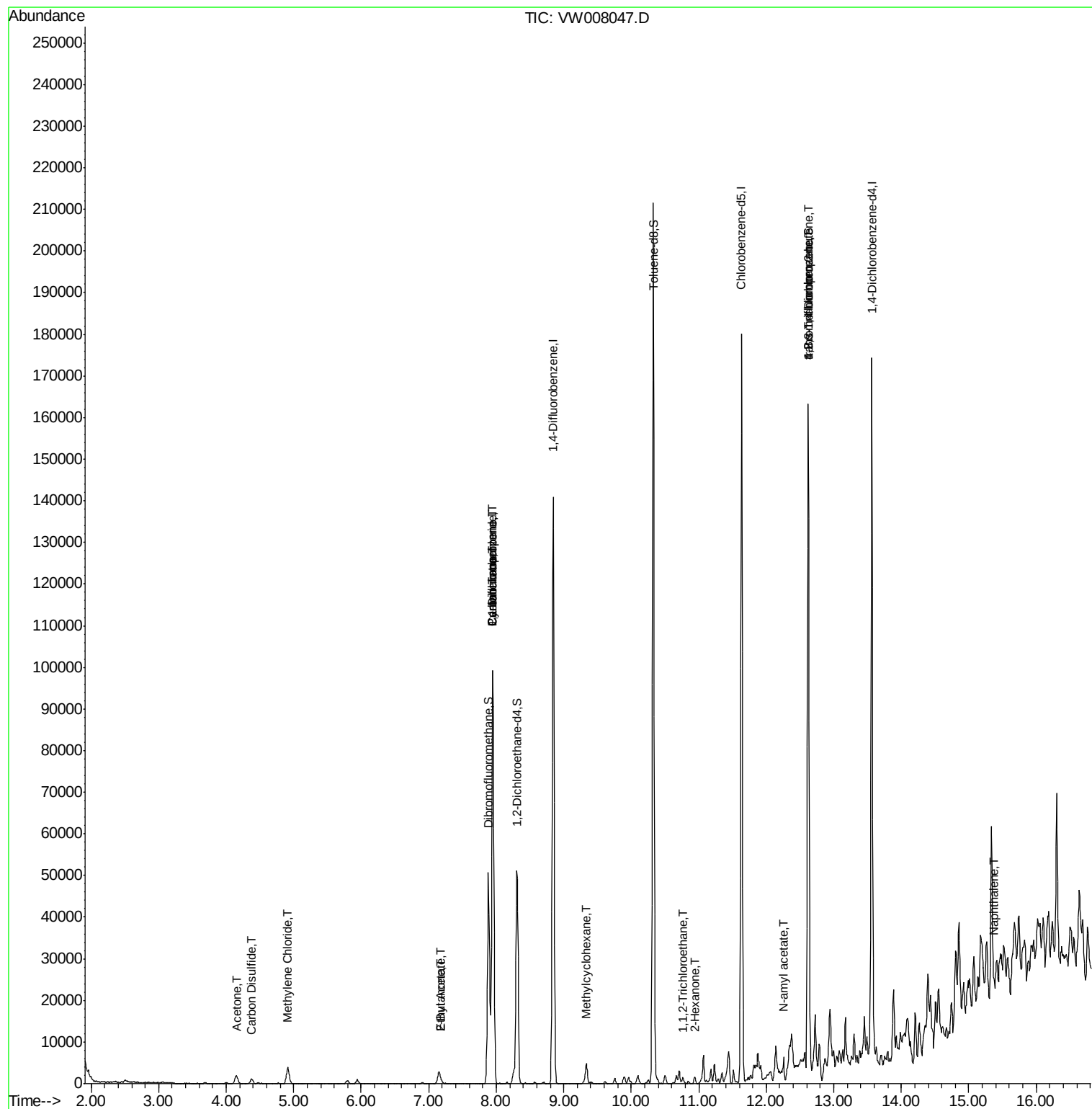
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	4271	35.189	ug/l	94
17) Carbon Disulfide	4.39	76	2422	1.114	ug/l	97
20) Methylene Chloride	4.92	84	3119	1.880	ug/l	89
25) 2-Butanone	7.18	43	464	3.245	ug/l #	84
31) Cyclohexane	7.95	56	1866	1.557	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	5469	4.638	ug/l #	50
37) Ethyl Acetate	7.18	43	464	1.310	ug/l #	82
38) Carbon Tetrachloride	7.95	117	7651	5.414	ug/l #	14
39) Methylcyclohexane	9.34	83	2042	1.389	ug/l	91
55) 1,1,2-Trichloroethane	10.76	97	598	1.122	ug/l #	17
59) 2-Hexanone	10.94	43	685	3.029	ug/l #	25
74) N-amyl acetate	12.26	43	1217	2.199	ug/l #	52
76) 1,2,3-Trichloropropane	12.62	75	26524	74.582	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	26524	176.375	ug/l #	6
95) Naphthalene	15.38	128	1956	1.207	ug/l #	67

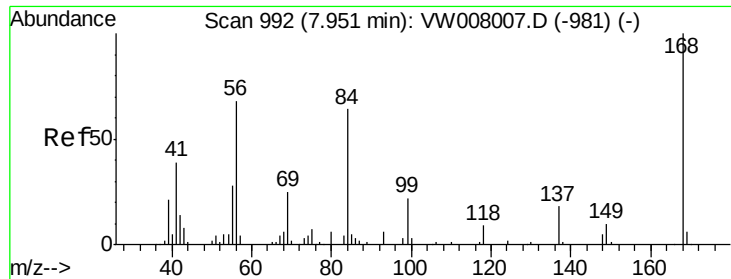
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
Data File : VW008047.D
Acq On : 04 Jan 2019 15:03
Operator : SY/AP
Sample : K1044-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-11(10-15)

Quant Time: Jan 05 00:37:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

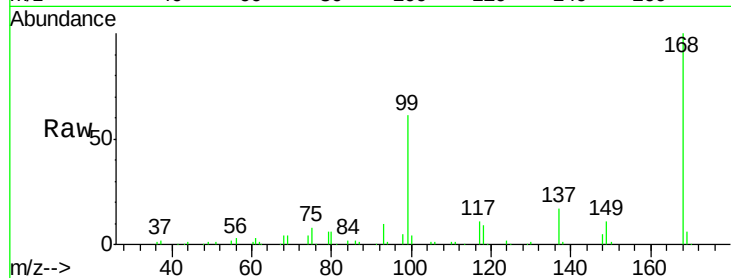
CPSB-11(10-15)

Tot Ion:168 Resp: 70890

Ion Ratio Lower Upper

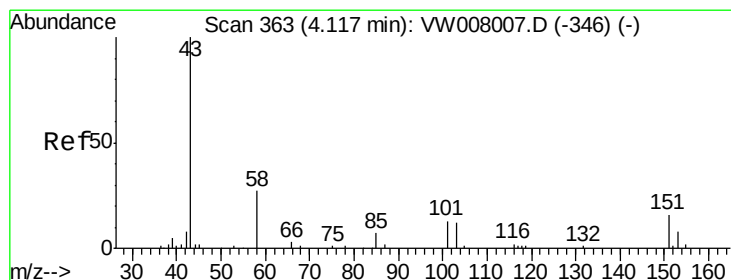
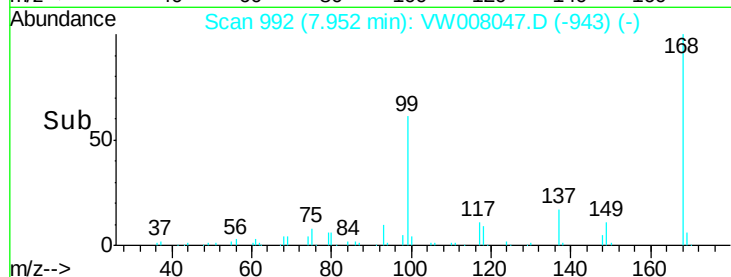
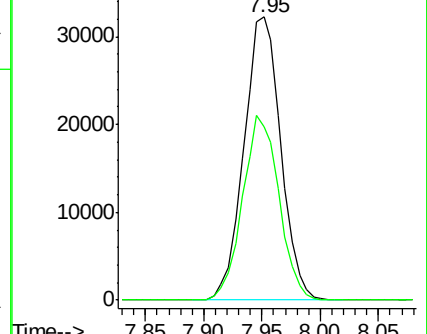
168 100

99 61.3 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 35.189 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.04 min

Lab File: VW008047.D

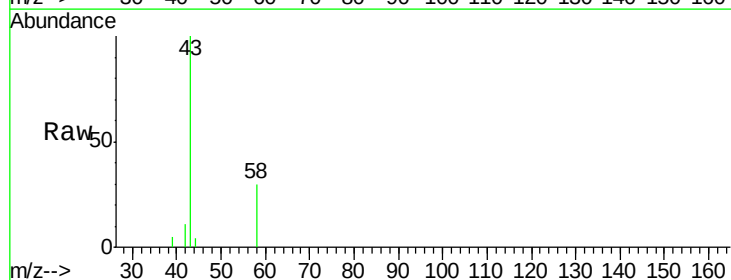
Acq: 04 Jan 2019 15:03

Tgt Ion: 43 Resp: 4271

Ion Ratio Lower Upper

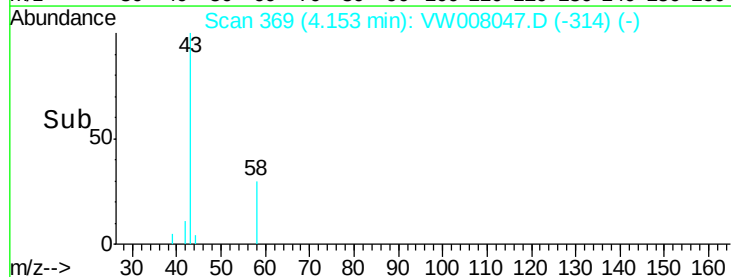
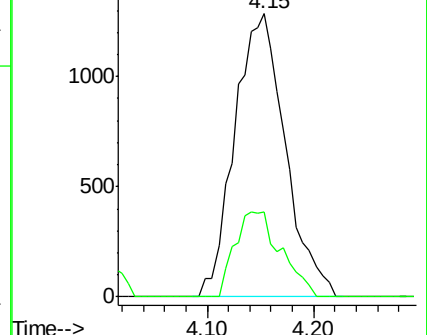
43 100

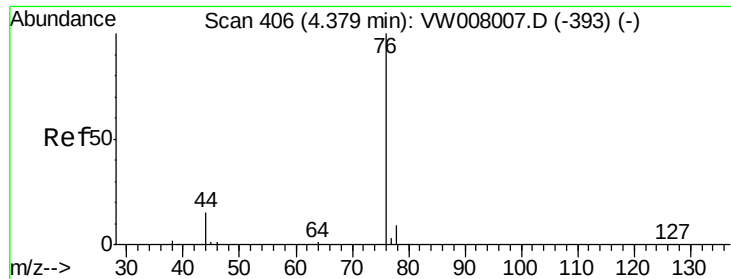
58 30.2 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

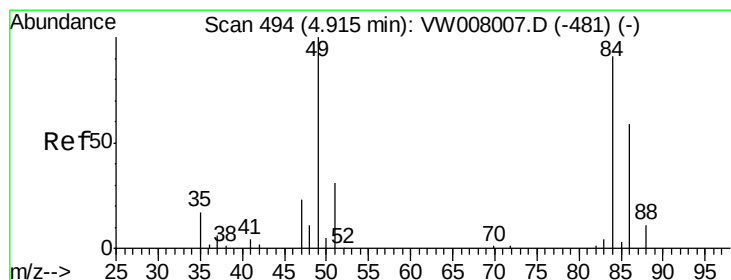
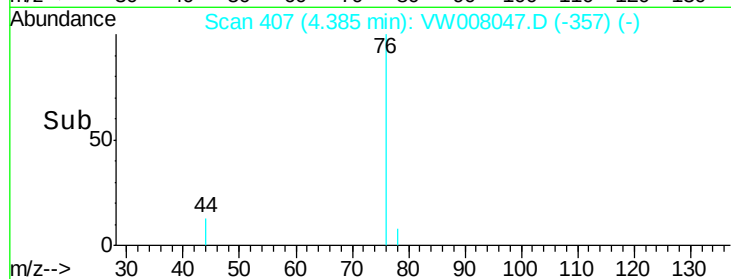
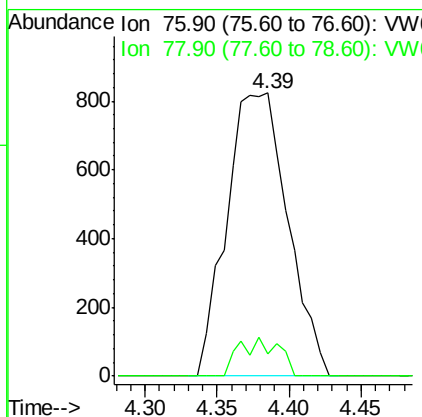
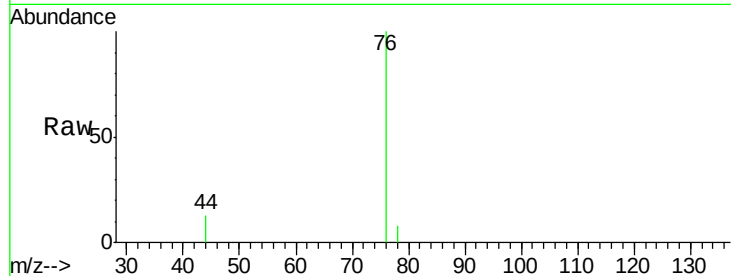




#17
Carbon Disulfide
Concen: 1.114 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

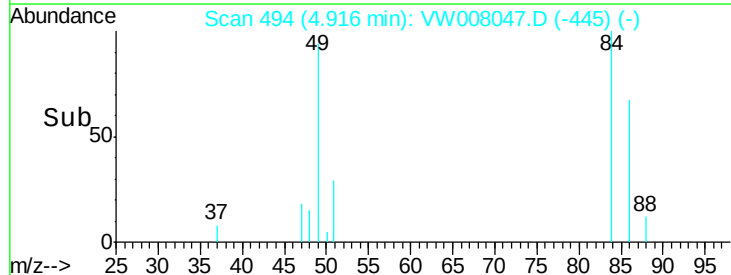
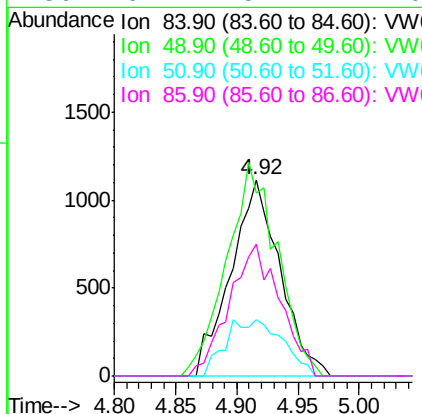
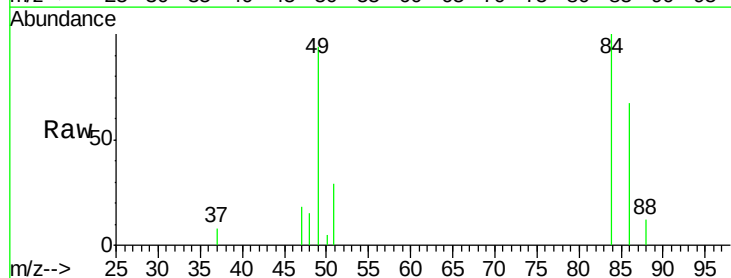
Instrument :
MSVOA_W
ClientSampleId :
CPSB-11(10-15)

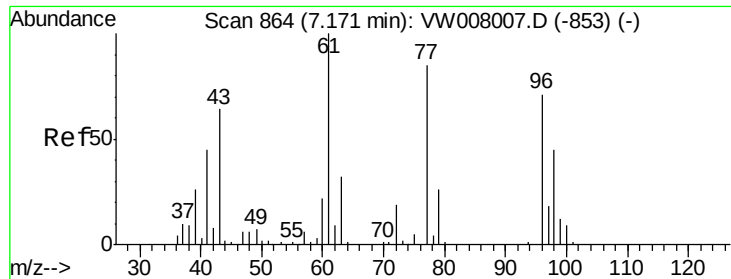
Tot Ion: 76 Resp: 2422
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.4



#20
Methylene Chloride
Concen: 1.880 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

Tgt Ion: 84 Resp: 3119
Ion Ratio Lower Upper
84 100
49 93.5 87.7 131.5
51 28.5 27.3 40.9
86 67.1 51.4 77.0





#25

2-Butanone

Concen: 3.245 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

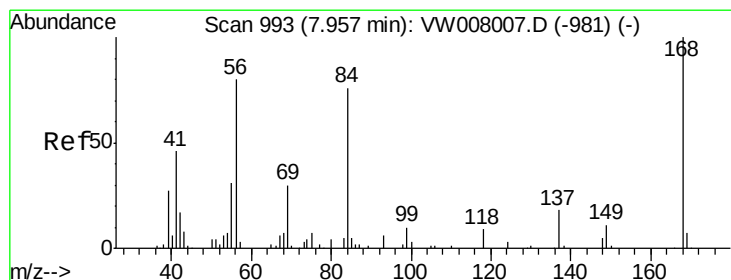
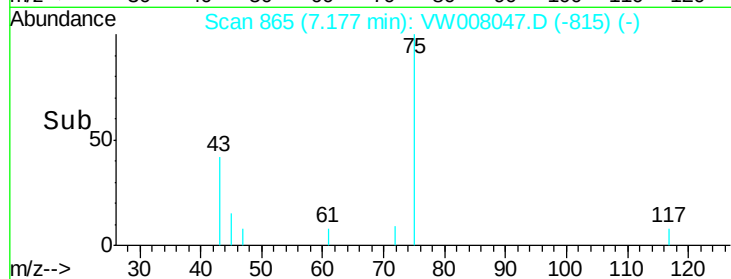
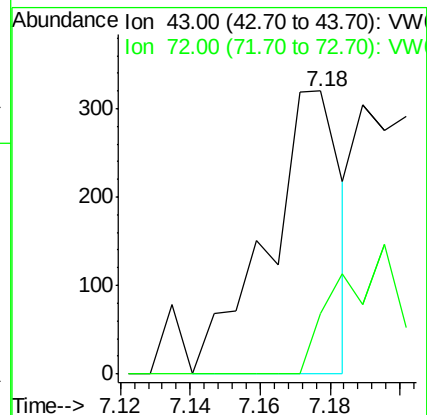
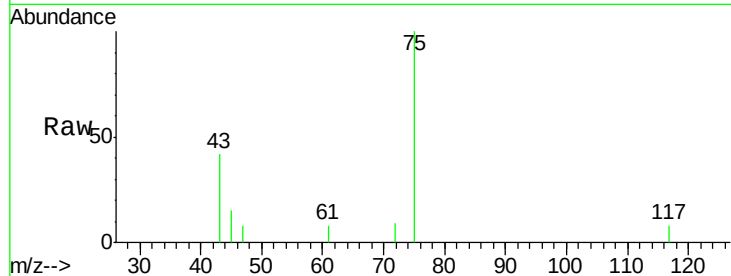
CPSB-11(10-15)

Tot Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

72 21.3 23.8 35.8#



#31

Cyclohexane

Concen: 1.557 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

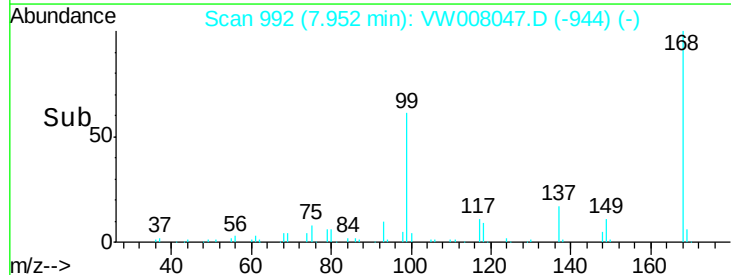
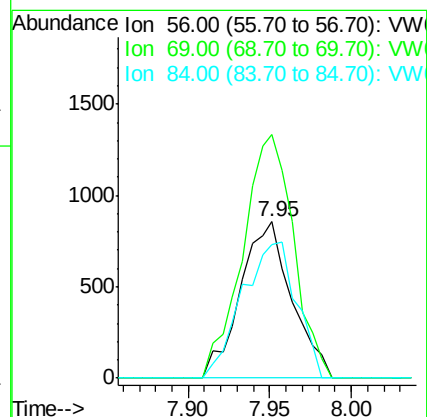
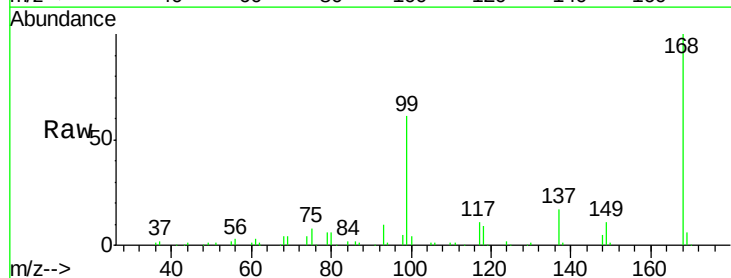
Tgt Ion: 56 Resp: 1866

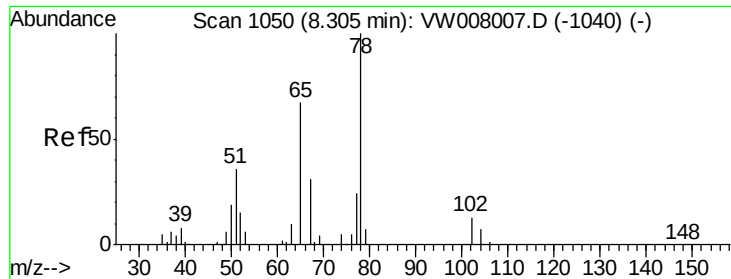
Ion Ratio Lower Upper

56 100

69 155.7 29.8 44.6#

84 85.4 75.2 112.8

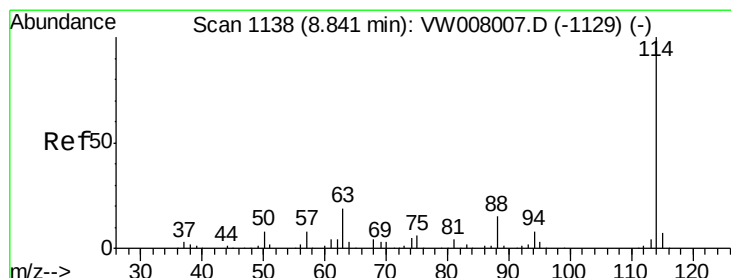
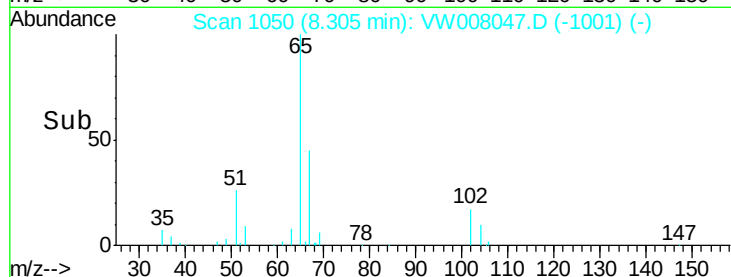
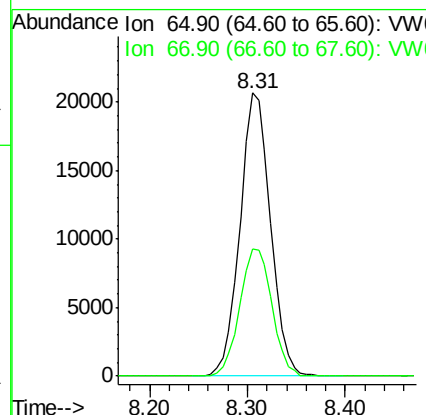
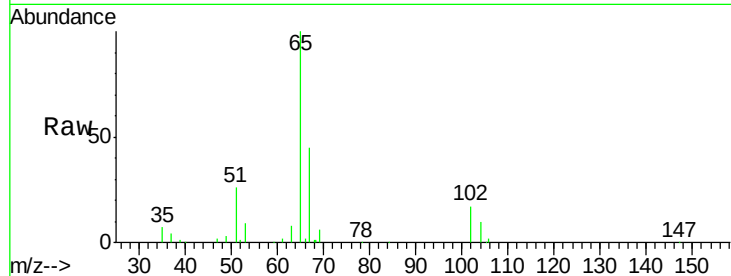




#33
 1,2-Dichloroethane-d4
 Concen: 56.907 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008047.D
 Acq: 04 Jan 2019 15:03

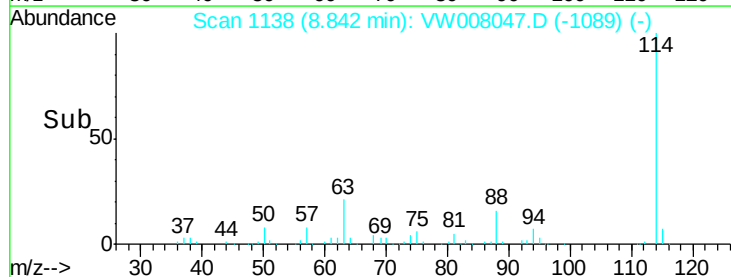
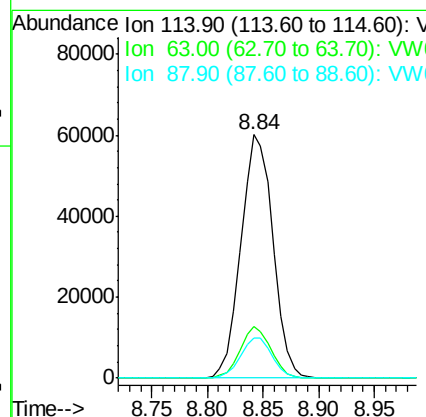
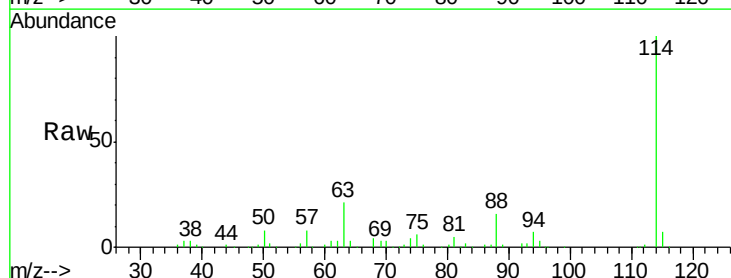
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-11(10-15)

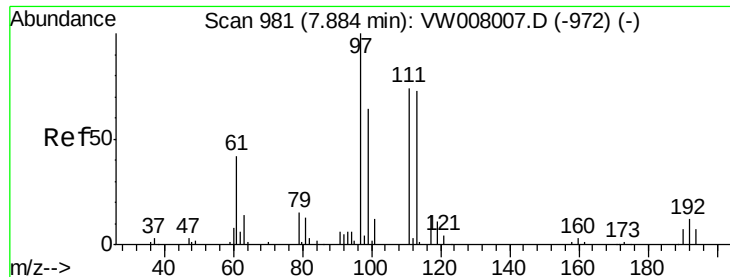
Tot Ion: 65 Resp: 44620
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008047.D
 Acq: 04 Jan 2019 15:03

Tgt Ion: 114 Resp: 119537
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.8
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.495 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

CPSB-11(10-15)

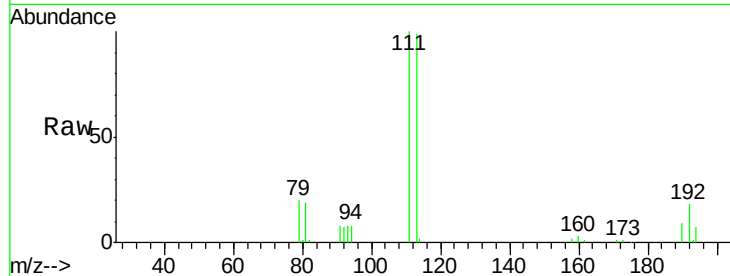
Tot Ion:113 Resp: 37298

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

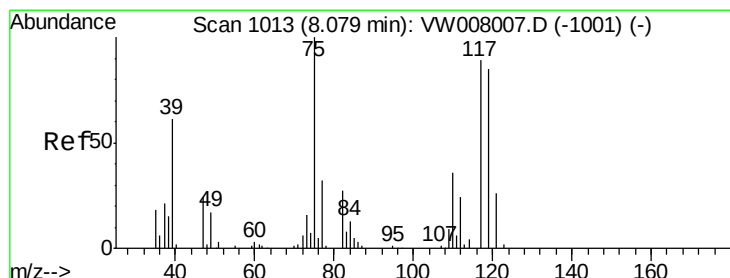
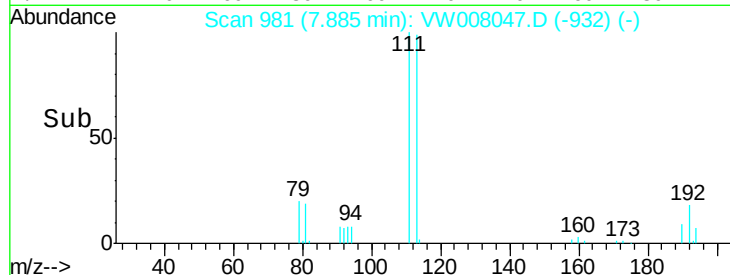
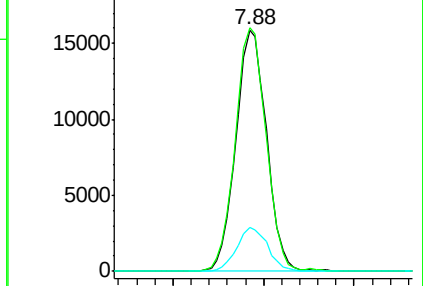
192 18.3 14.8 22.2



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: 4.638 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

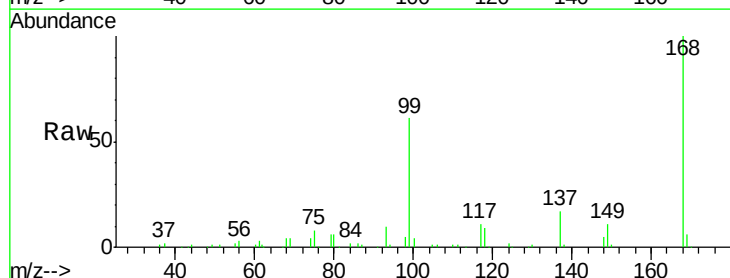
Tgt Ion: 75 Resp: 5469

Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.3#

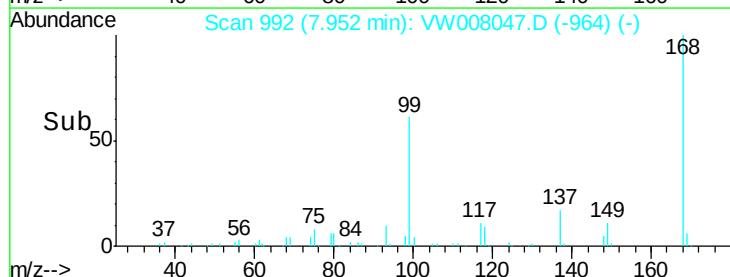
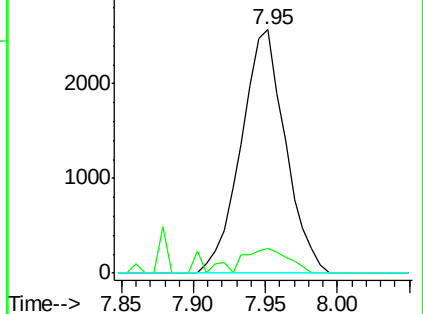
77 0.0 25.3 37.9#

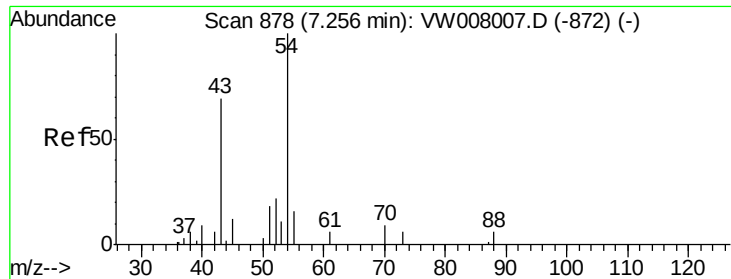


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

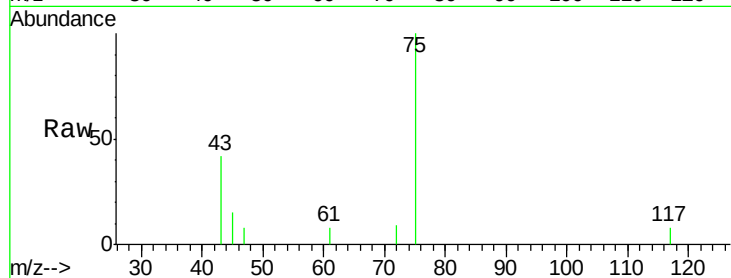




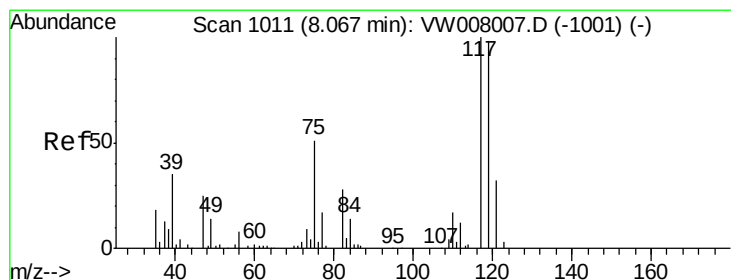
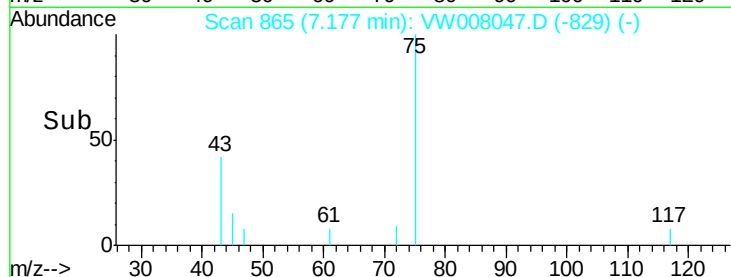
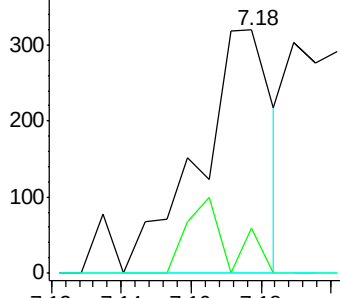
#37
Ethyl Acetate
Concen: 1.310 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.08 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

Instrument :
MSVOA_W
ClientSampleId :
CPSB-11(10-15)

Tot Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
61 17.9 11.4 17.2#
70 0.0 9.4 14.0#

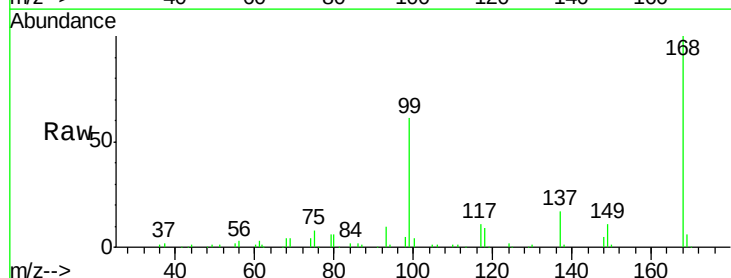


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

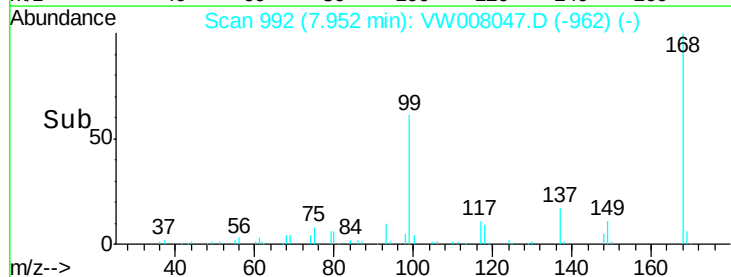
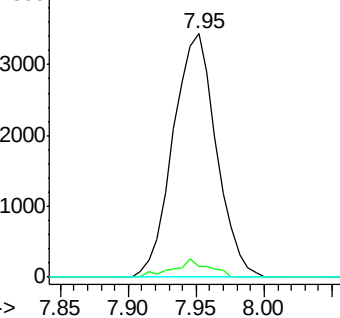


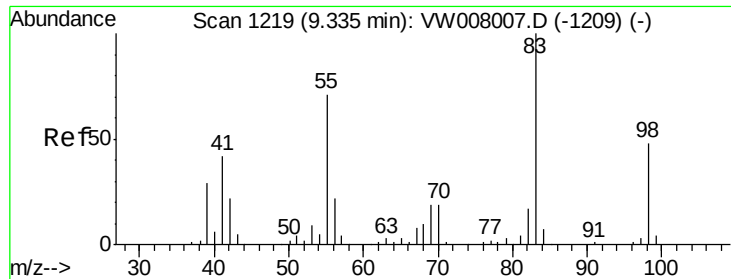
#38
Carbon Tetrachloride
Concen: 5.414 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

Tgt Ion: 117 Resp: 7651
Ion Ratio Lower Upper
117 100
119 4.6 78.7 118.1#
121 0.0 25.8 38.8#



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

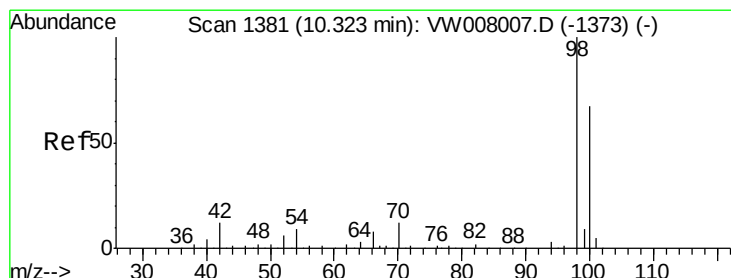
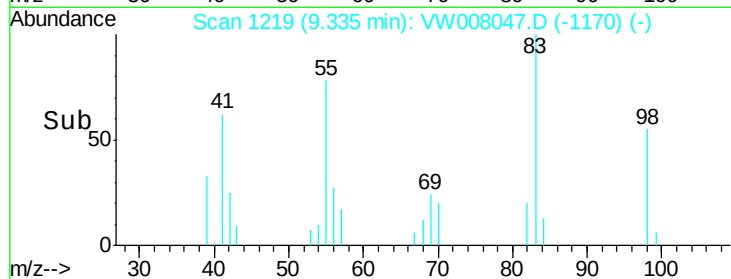
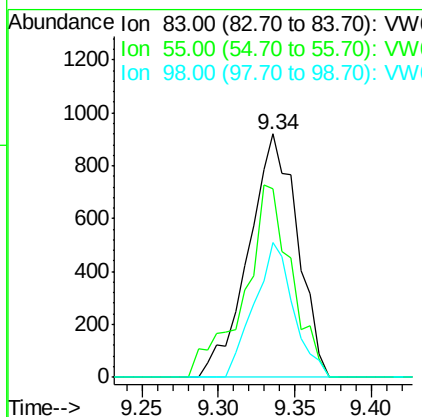
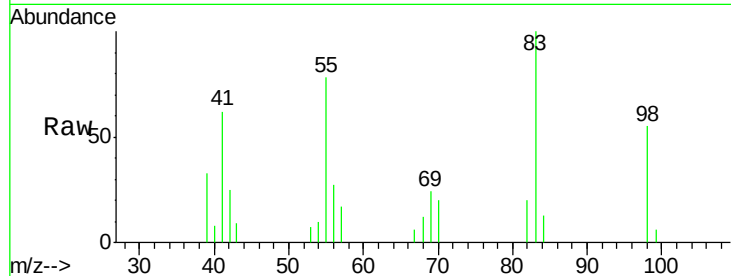




#39
Methylvlcyclohexane
Concen: 1.389 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

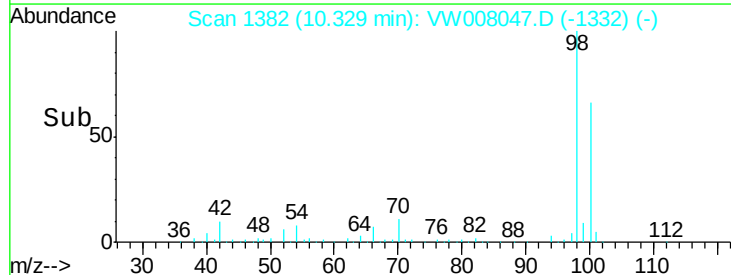
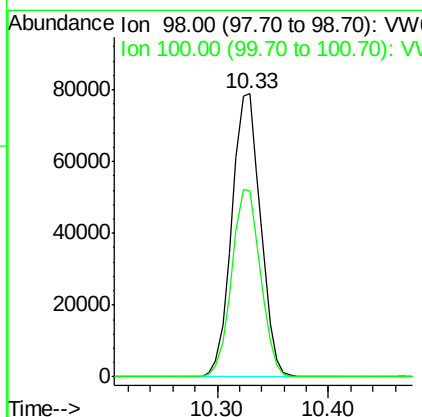
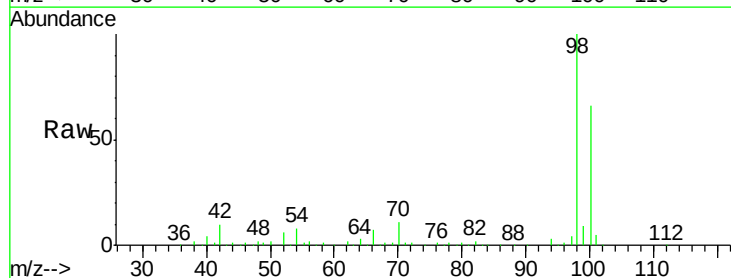
Instrument :
MSVOA_W
ClientSampleId :
CPSB-11(10-15)

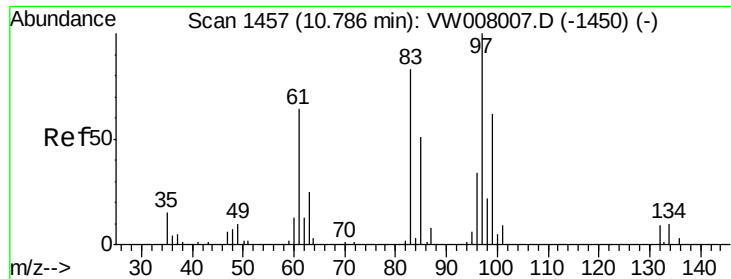
Tot Ion: 83 Resp: 2042
Ion Ratio Lower Upper
83 100
55 77.5 56.8 85.2
98 55.2 38.6 58.0



#50
Toluene-d8
Concen: 49.866 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

Tgt Ion: 98 Resp: 140961
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3

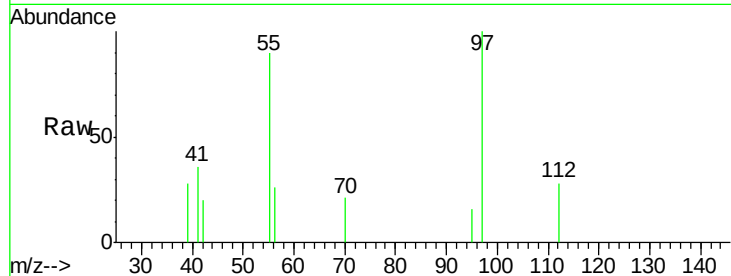




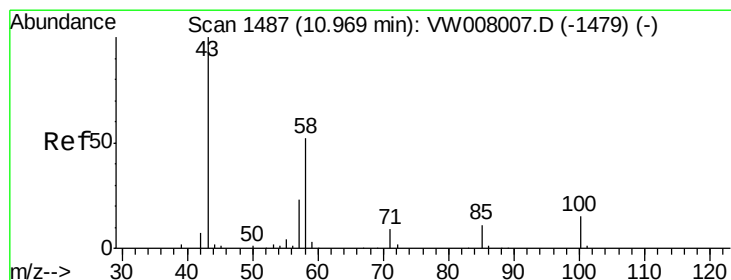
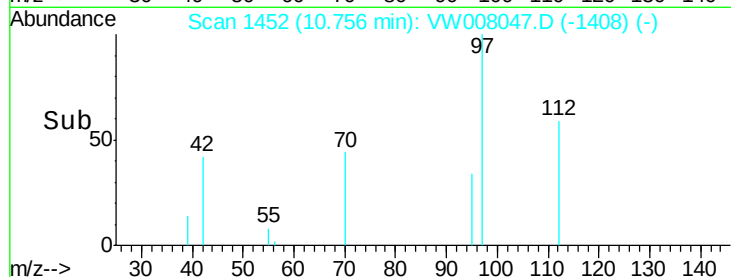
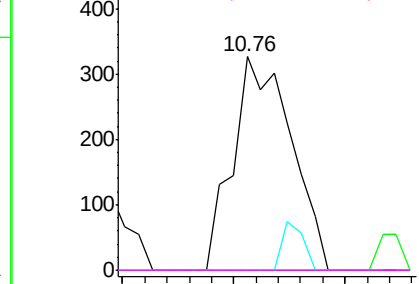
#55
 1,1,2-Trichloroethane
 Concen: 1.122 ug/l
 RT: 10.76 min Scan# 1452
 Delta R.T. -0.03 min
 Lab File: VW008047.D
 Acq: 04 Jan 2019 15:03

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-11(10-15)

Tot Ion: 97 Resp: 598
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.2 99.2#
 85 0.0 41.0 61.4#
 99 0.0 49.3 73.9#

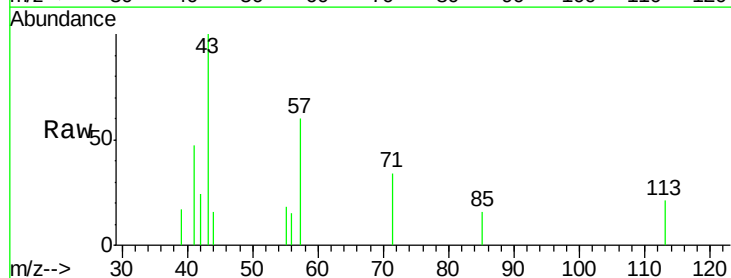


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

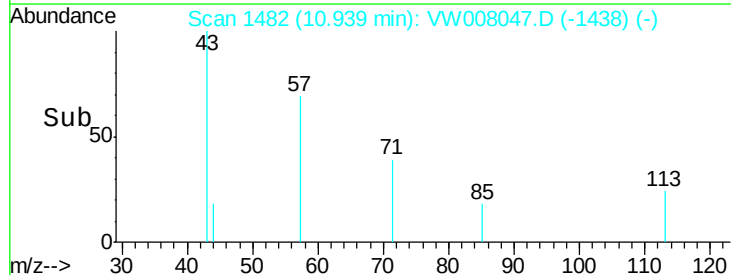
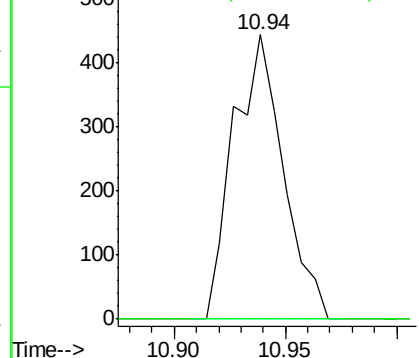


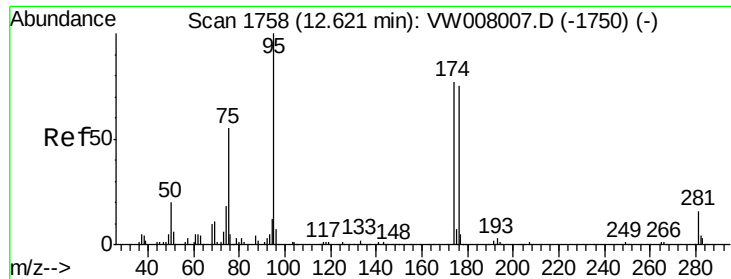
#59
 2-Hexanone
 Concen: 3.029 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: VW008047.D
 Acq: 04 Jan 2019 15:03

Tgt Ion: 43 Resp: 685
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.1 81.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

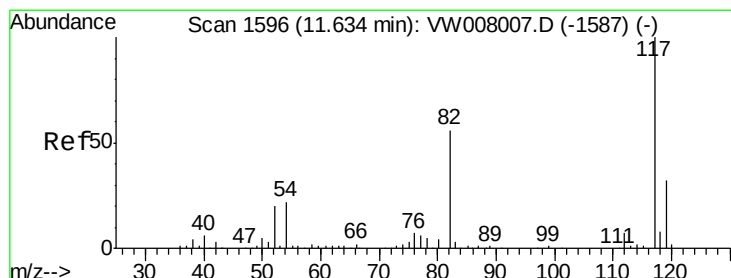
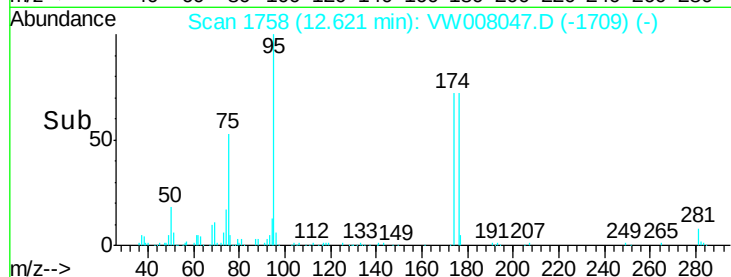
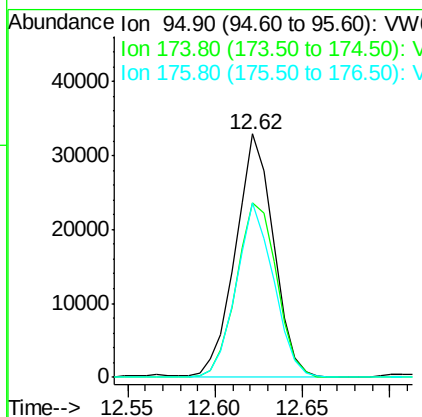
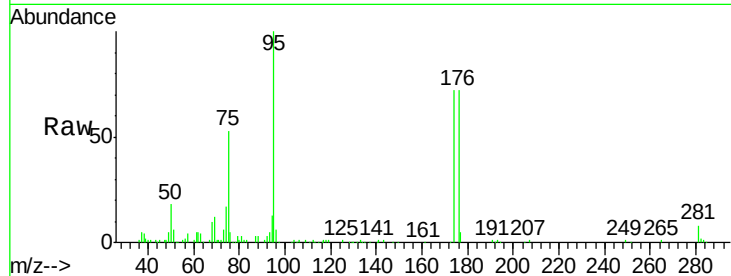




#62
4-Bromofluorobenzene
Concen: 45.873 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

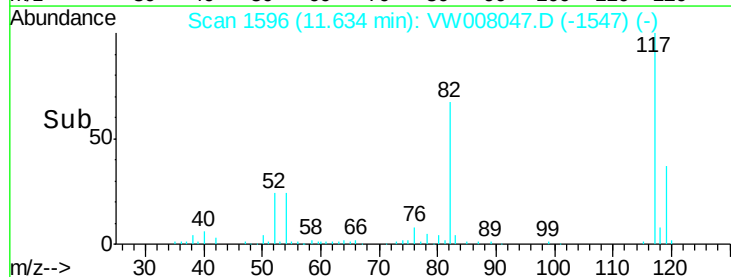
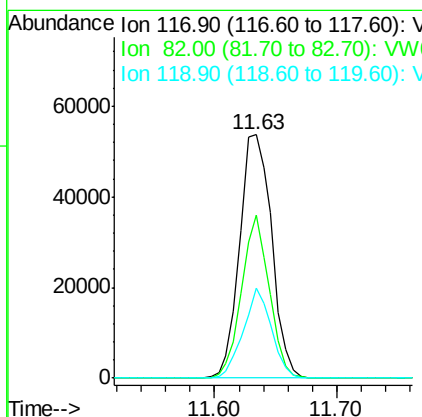
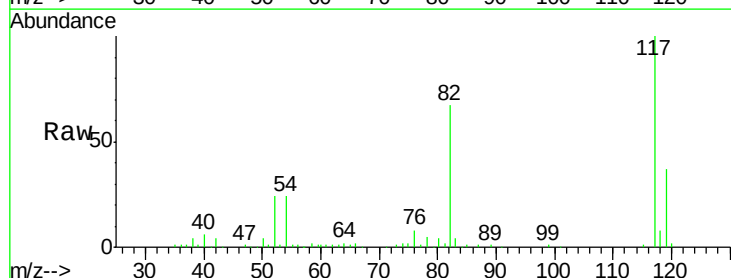
Instrument :
MSVOA_W
ClientSampleId :
CPSB-11(10-15)

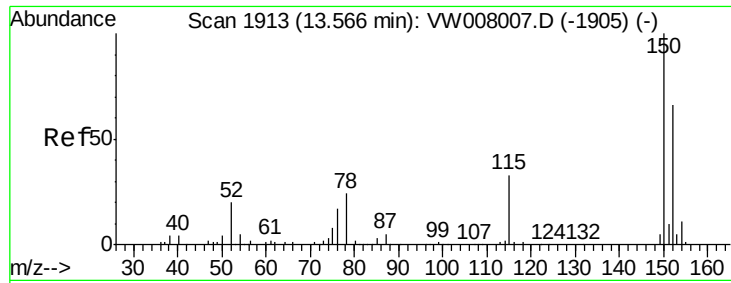
Tot Ion: 95 Resp: 49731
Ion Ratio Lower Upper
95 100
174 76.6 0.0 149.6
176 70.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

Tgt Ion: 117 Resp: 97931
Ion Ratio Lower Upper
117 100
82 66.7 44.8 67.2
119 36.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

CPSB-11(10-15)

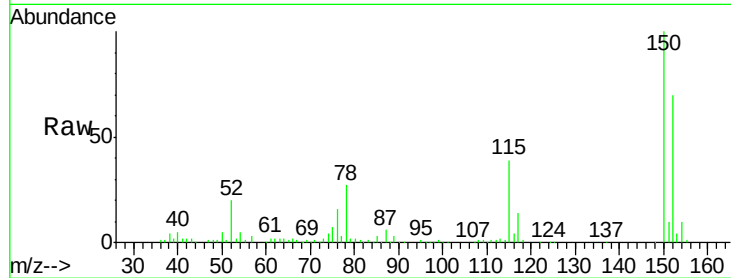
Tot Ion:152 Resp: 44703

Ion Ratio Lower Upper

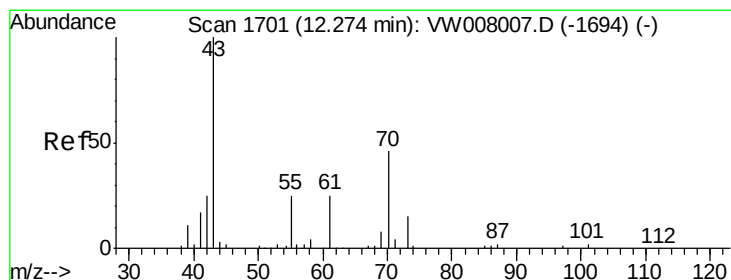
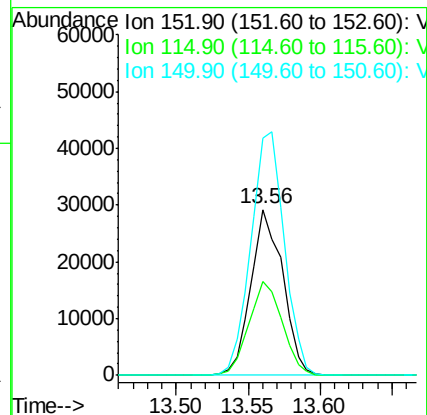
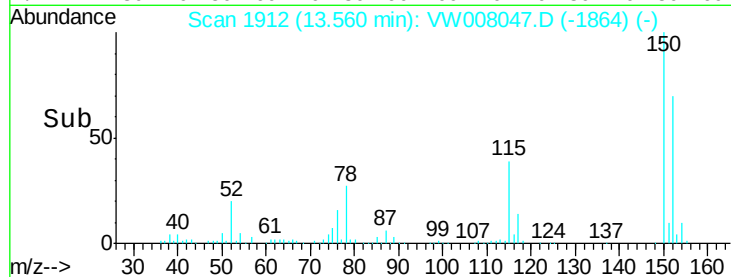
152 100

115 59.2 32.1 96.5

150 153.5 0.0 345.0



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



#74

N-ethyl acetate

Concen: 2.199 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

Tgt Ion: 43 Resp: 1217

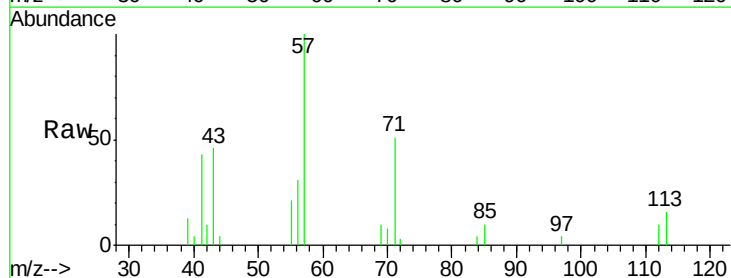
Ion Ratio Lower Upper

43 100

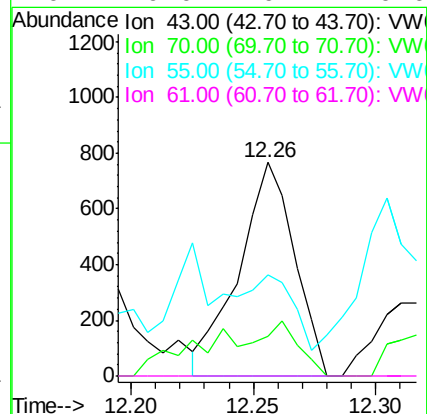
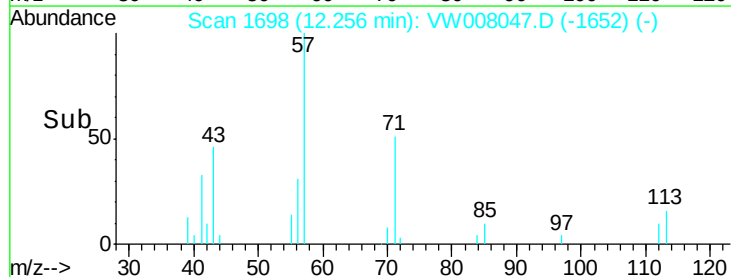
70 15.4 35.2 52.8#

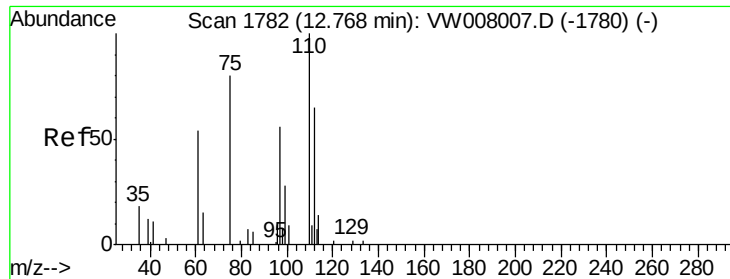
55 0.0 21.4 32.0#

61 0.0 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 74.582 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

Instrument :

MSVOA_W

ClientSampleId :

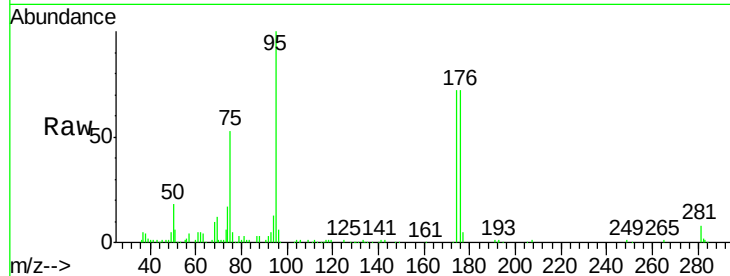
CPSB-11(10-15)

Tot Ion: 75 Resp: 26524

Ion Ratio Lower Upper

75 100

77 1.5 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

20000

15000

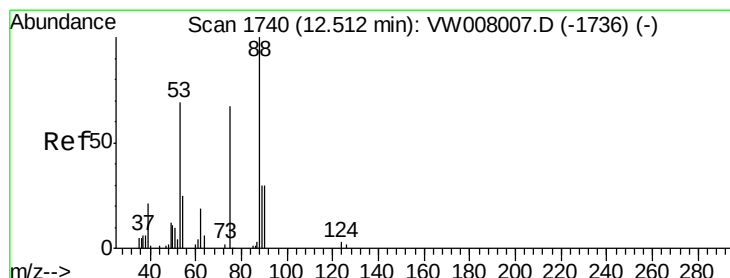
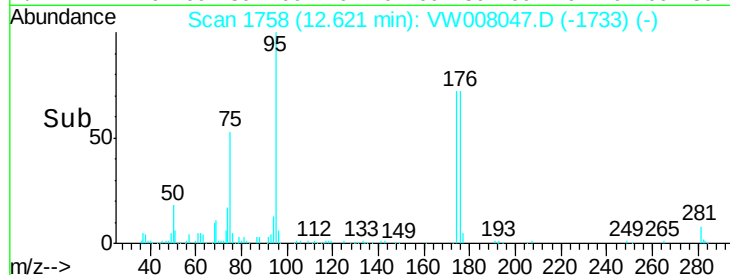
10000

5000

0

Time-->

12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 176.375 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008047.D

Acq: 04 Jan 2019 15:03

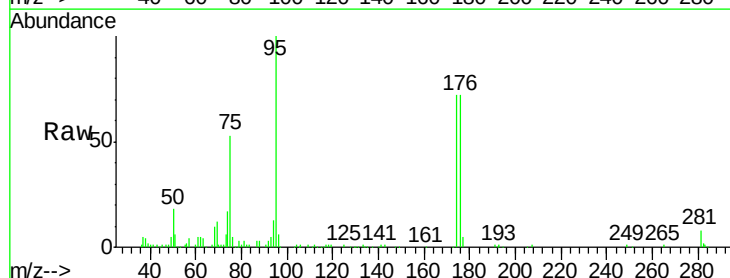
Tgt Ion: 75 Resp: 26524

Ion Ratio Lower Upper

75 100

53 0.7 87.6 131.4#

89 0.0 42.2 63.2#



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

12.62

20000

15000

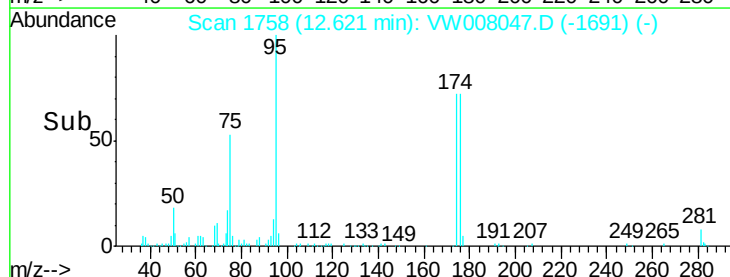
10000

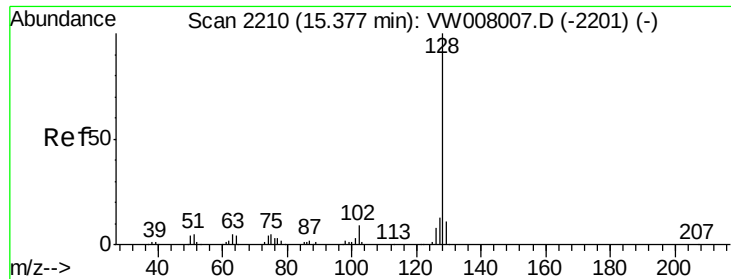
5000

0

Time-->

12.55 12.60 12.65 12.70

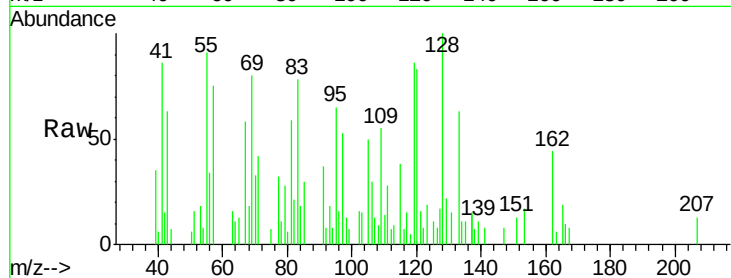




#95
Naphthalene
Concen: 1.207 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008047.D
Acq: 04 Jan 2019 15:03

Instrument :
MSVOA_W
ClientSampleId :
CPSB-11(10-15)

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	23.4	8.8	13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

