

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008077.D
 Acq On : 07 Jan 2019 18:35
 Operator : SY/AP
 Sample : K1071-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-15(20-25)

Quant Time: Jan 08 03:46:48 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	71656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	99017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55999	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	44769	56.49	ug/l	0.00
Spiked Amount			Recovery	=	112.98%	
35) Dibromofluoromethane	7.88	113	36179	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
50) Toluene-d8	10.32	98	146465	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.62	95	69452	64.68	ug/l	0.00
Spiked Amount			Recovery	=	129.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	275	5.341	ug/l #	71
16) Acetone	4.13	43	18534	151.070	ug/l	100
17) Carbon Disulfide	4.37	76	7329	3.335	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	1618	1.429	ug/l #	83
25) 2-Butanone	7.18	43	6434	44.511	ug/l	91
31) Cyclohexane	7.95	56	3170	2.617	ug/l #	57
36) 1,1-Dichloropropene	7.95	75	5498	4.707	ug/l #	49
37) Ethyl Acetate	7.18	43	6434	18.339	ug/l #	67
38) Carbon Tetrachloride	7.95	117	7482	5.345	ug/l #	15
39) Methylcyclohexane	9.34	83	43142	29.633	ug/l	98
43) Isopropyl Acetate	8.41	43	1656	2.362	ug/l #	49
48) Methyl methacrylate	9.39	41	3013	8.525	ug/l #	8
51) 4-Methyl-2-Pentanone	10.21	43	355	1.094	ug/l #	56
55) 1,1,2-Trichloroethane	10.76	97	25078	47.501	ug/l #	22
56) Ethyl methacrylate	10.66	69	11206	18.775	ug/l #	14
59) 2-Hexanone	10.94	43	68017	303.638	ug/l #	29
65) Chlorobenzene	11.66	112	29778	14.071	ug/l	97
73) Isopropylbenzene	12.47	105	90278	20.274	ug/l	99
74) N-amyl acetate	12.25	43	173842	250.801	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.69	83	32328	57.058	ug/l #	26
76) 1,2,3-Trichloropropane	12.80	75	2033	4.563	ug/l #	1
78) n-propylbenzene	12.81	91	200218	38.781	ug/l	98
79) 2-Chlorotoluene	12.94	91	13396	4.489	ug/l	70
81) trans-1,4-Dichloro-2-buten	12.47	75	1344	7.134	ug/l #	1
82) 4-Chlorotoluene	12.94	91	15304	4.823	ug/l	80
83) tert-Butylbenzene	13.21	119	10025	2.989	ug/l #	36
84) 1,2,4-Trimethylbenzene	13.39	105	270806	69.753	ug/l #	33
85) sec-Butylbenzene	13.39	105	270806	58.703	ug/l	83
86) p-Isopropyltoluene	13.39	119	5262	1.265	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	5292	2.768	ug/l #	1
89) n-Butylbenzene	13.83	91	168376	44.239	ug/l	88
90) Hexachloroethane	14.10	117	55808	77.295	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2411	20.966	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.15	180	4041	3.390	ug/l #	1

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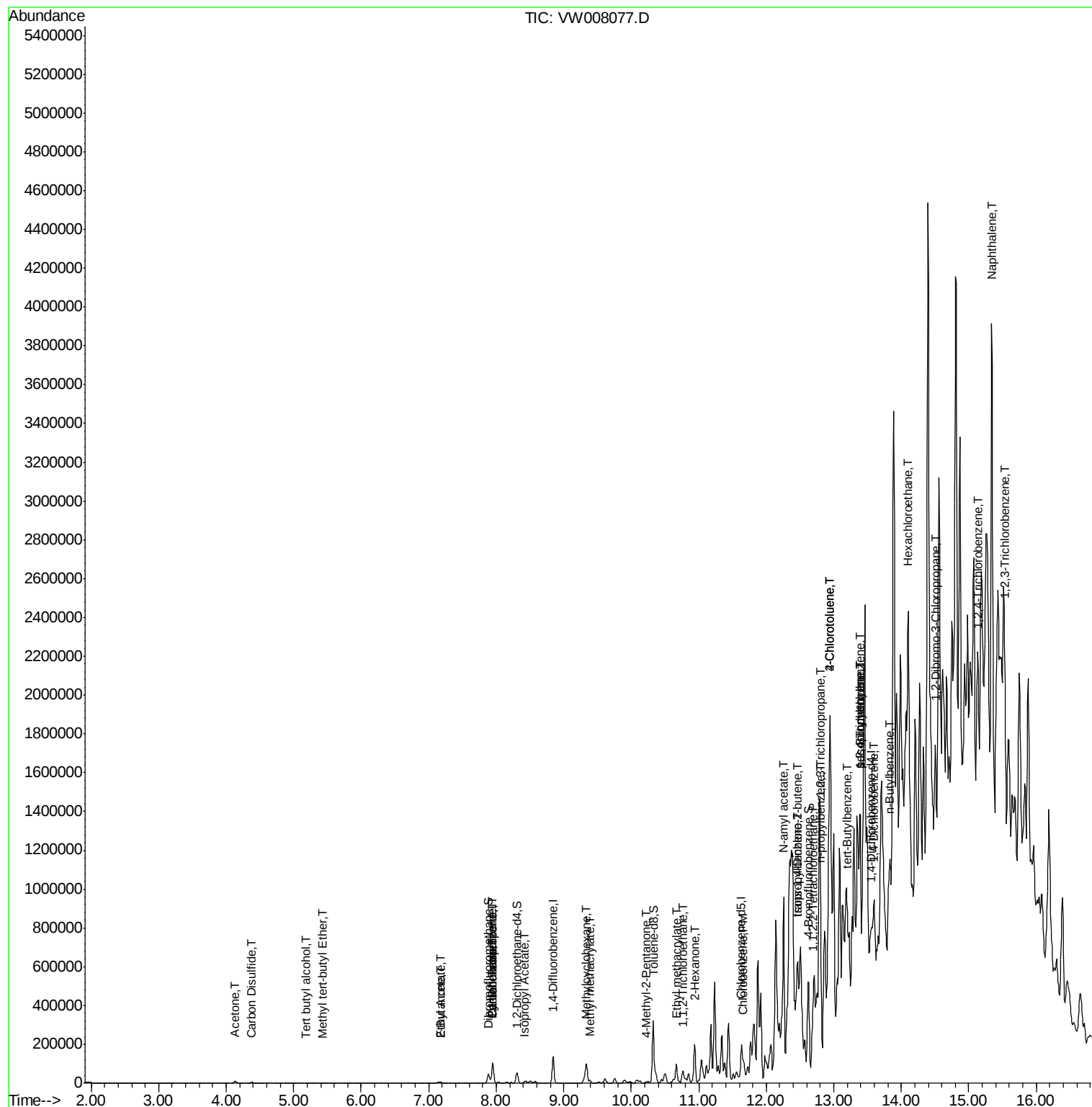
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.34	128	17959	8.847	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.54	180	14434	14.718	ug/l #	1

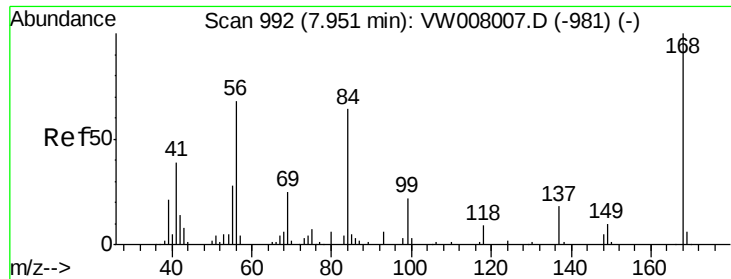
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

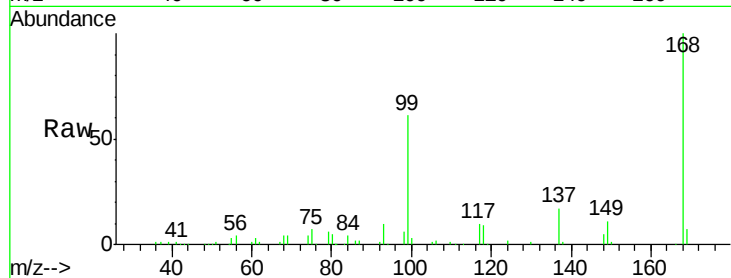
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

Tot Ion:168 Resp: 71656

Ion Ratio Lower Upper

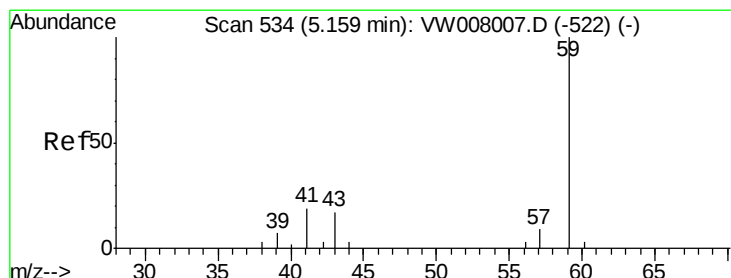
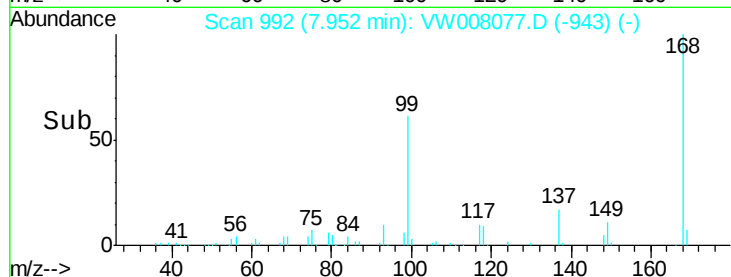
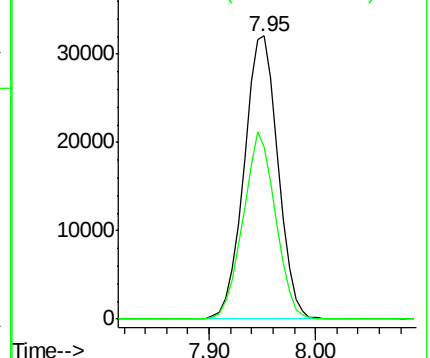
168 100

99 61.0 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.341 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.02 min

Lab File: VW008077.D

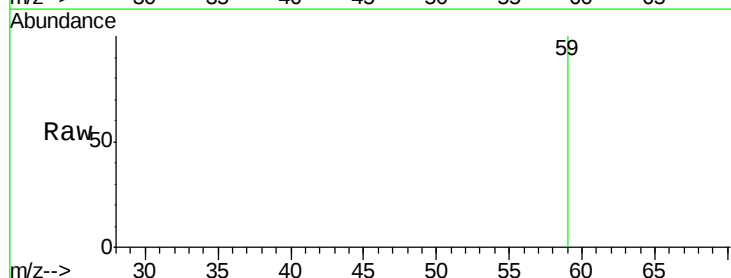
Acq: 07 Jan 2019 18:35

Tgt Ion: 59 Resp: 275

Ion Ratio Lower Upper

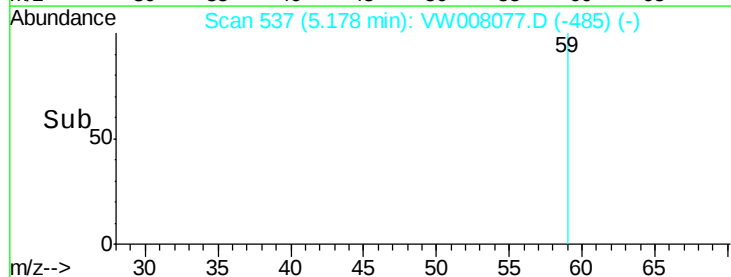
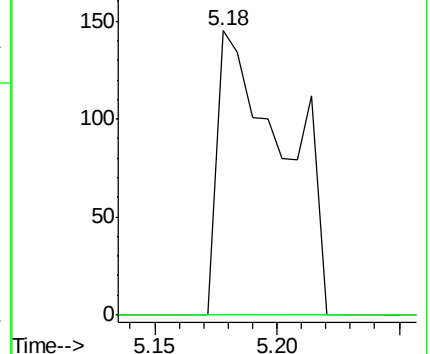
59 100

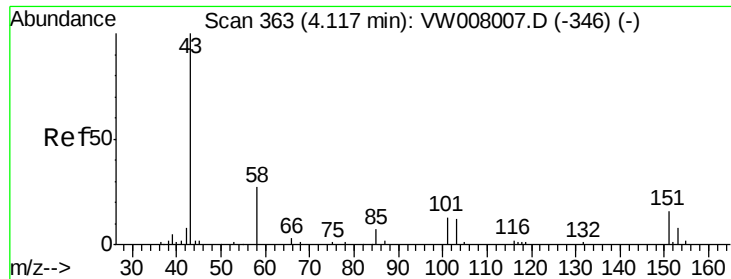
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

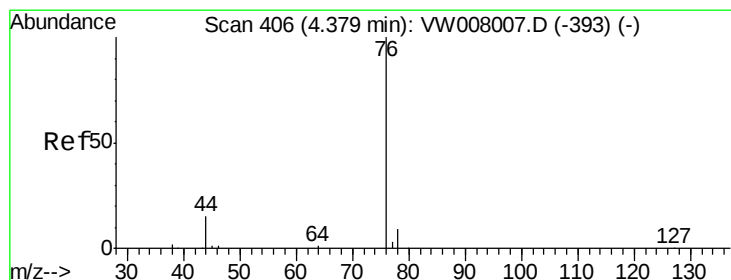
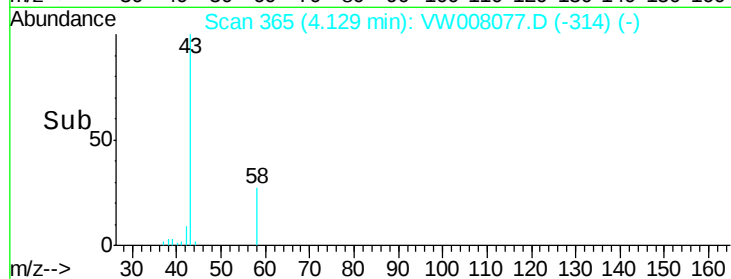
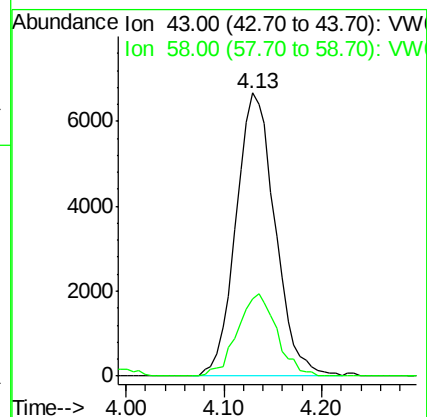
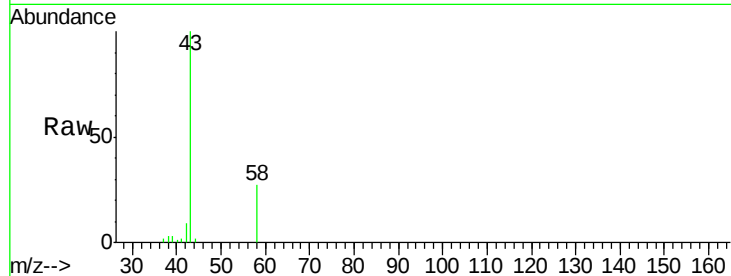




#16
Acetone
Concen: 151.070 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

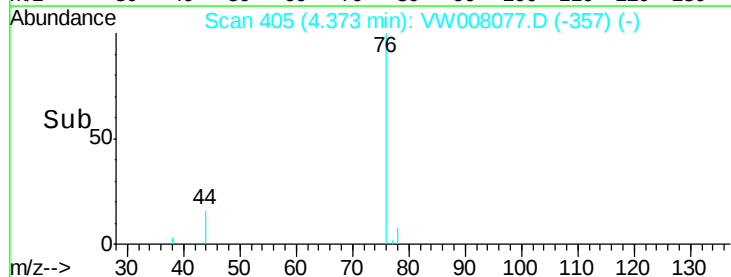
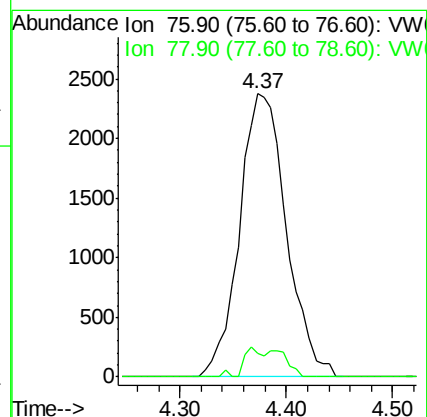
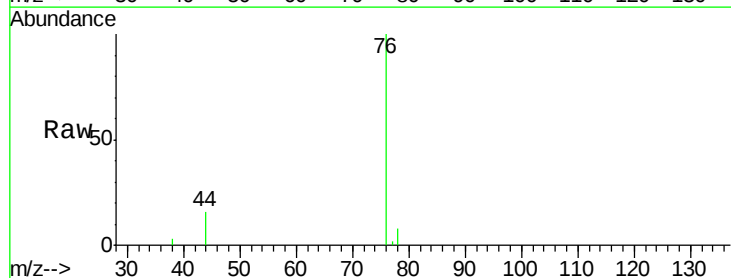
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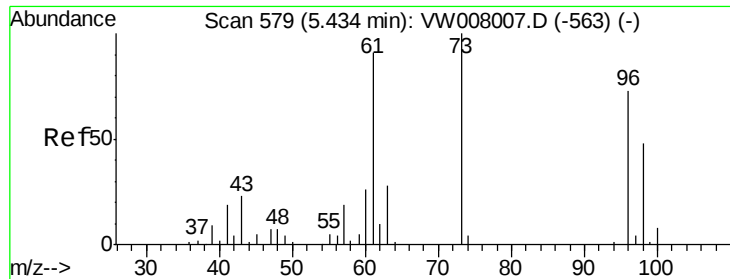
Tot Ion: 43 Resp: 18534
Ion Ratio Lower Upper
43 100
58 27.3 21.7 32.5



#17
Carbon Disulfide
Concen: 3.335 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion: 76 Resp: 7329
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4

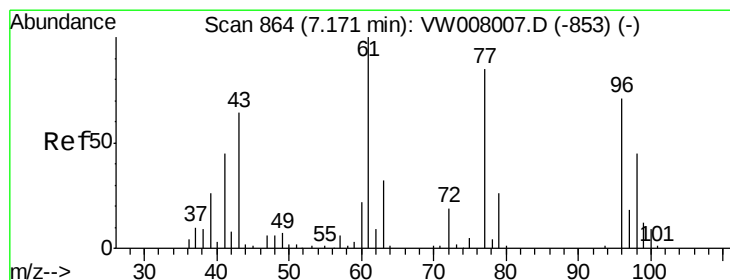
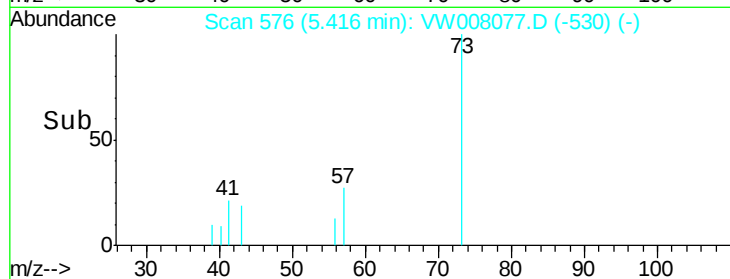
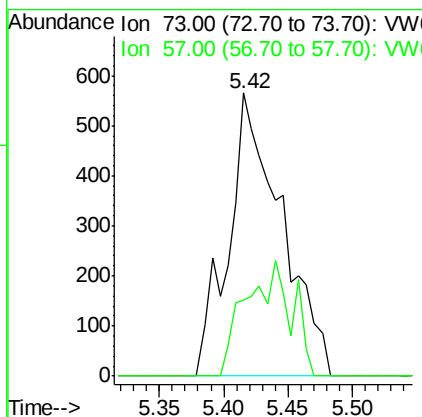
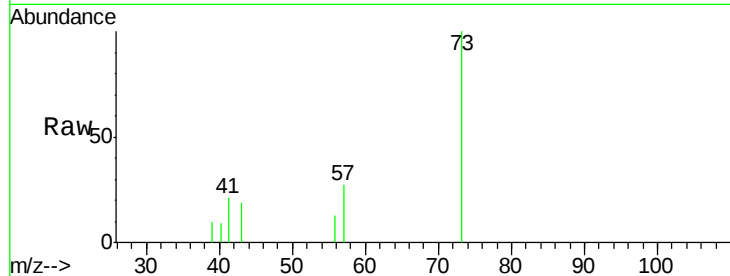




#19
Methvl tert-butvl Ether
Concen: 1.429 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.02 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

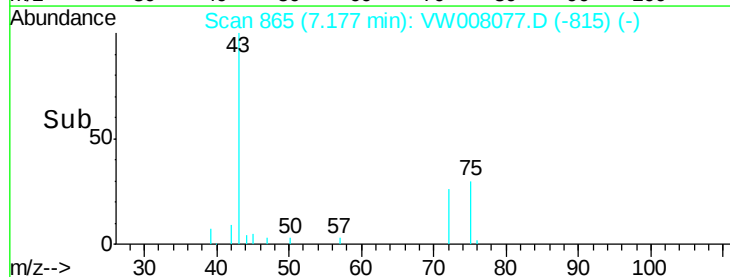
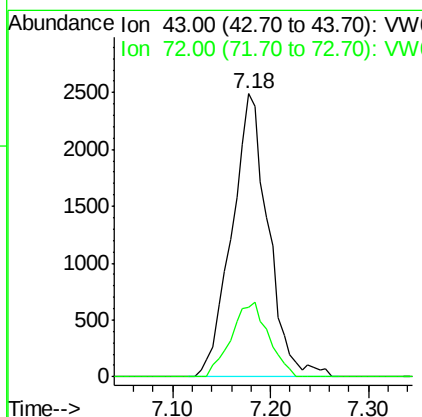
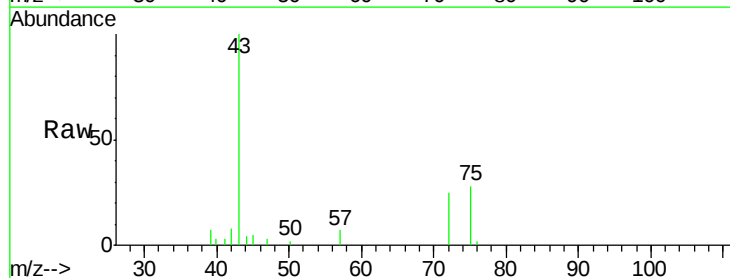
Instrument :
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ClientSampleId :
CPSB-15(20-25)

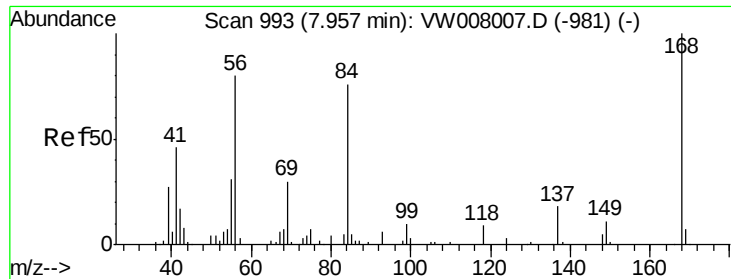
Tot Ion: 73 Resp: 1618
Ion Ratio Lower Upper
73 100
57 26.7 15.4 23.0#



#25
2-Butanone
Concen: 44.511 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion: 43 Resp: 6434
Ion Ratio Lower Upper
43 100
72 24.7 23.8 35.8

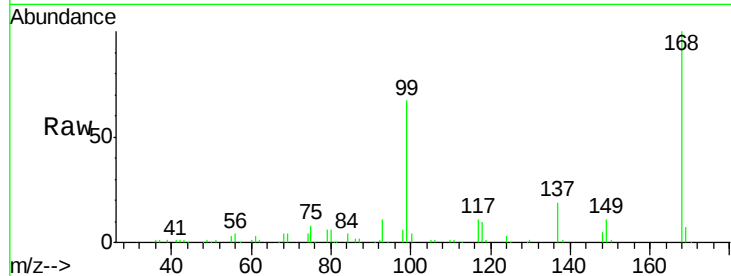




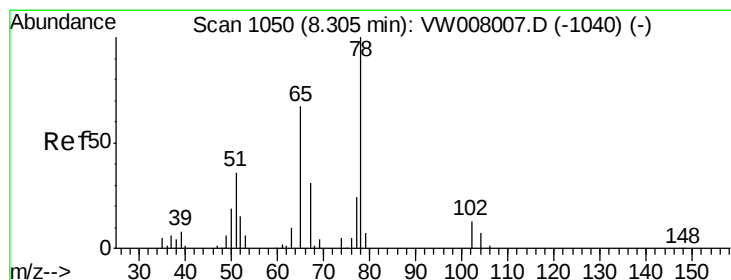
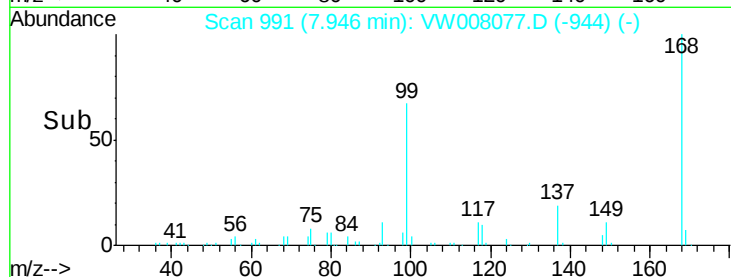
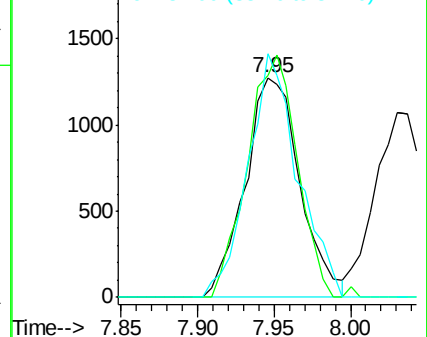
#31
Cyclohexane
Concen: 2.617 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

Tot Ion: 56 Resp: 3170
Ion Ratio Lower Upper
56 100
69 101.1 29.8 44.6#
84 111.0 75.2 112.8

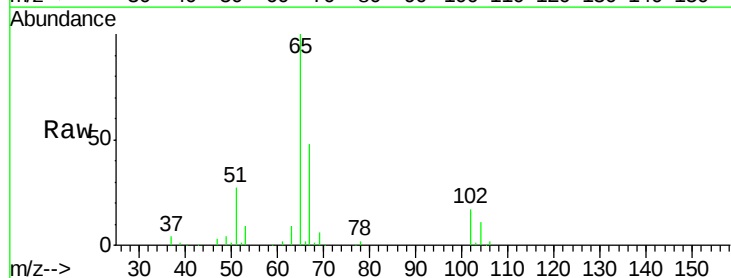


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

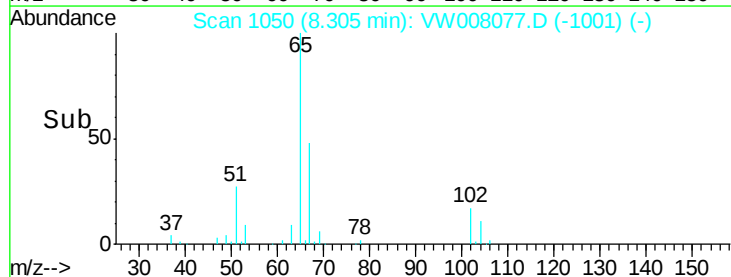
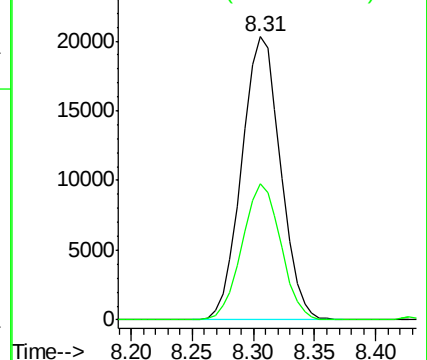


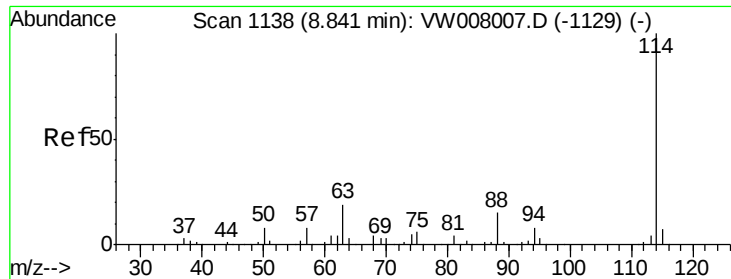
#33
1,2-Dichloroethane-d4
Concen: 56.487 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion: 65 Resp: 44769
Ion Ratio Lower Upper
65 100
67 47.8 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

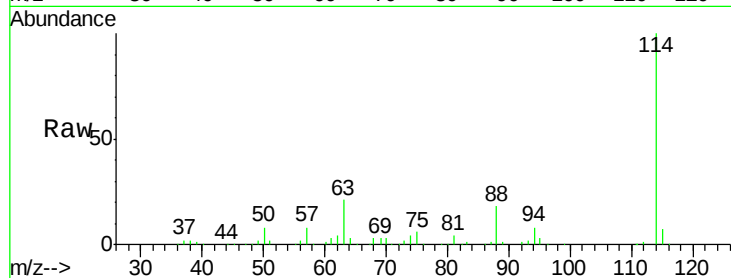




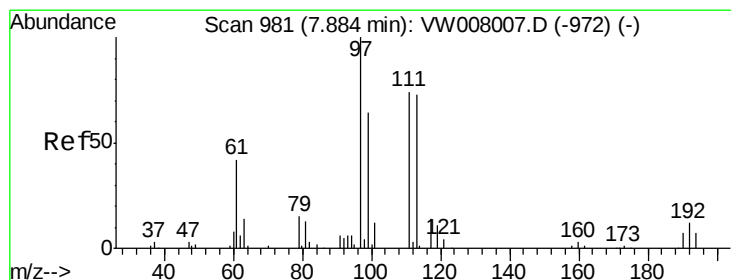
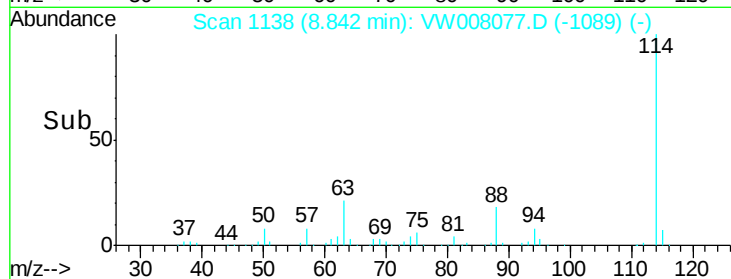
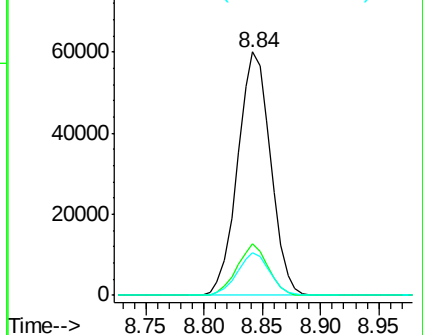
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008077.D
 Acq: 07 Jan 2019 18:35

Instrument :
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Tot Ion:114 Resp: 118400
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.8
 88 17.5 0.0 31.0

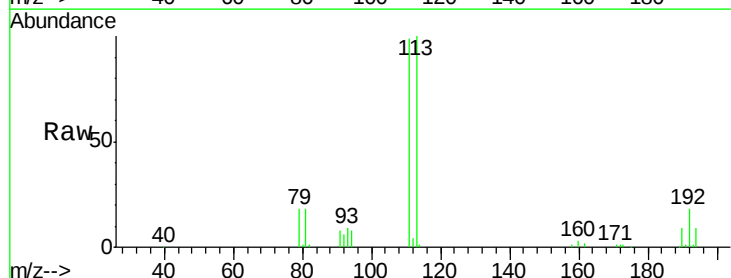


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

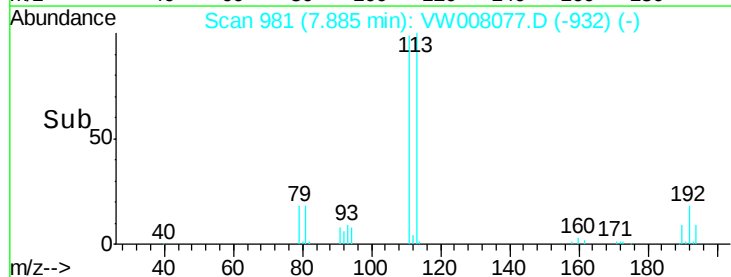
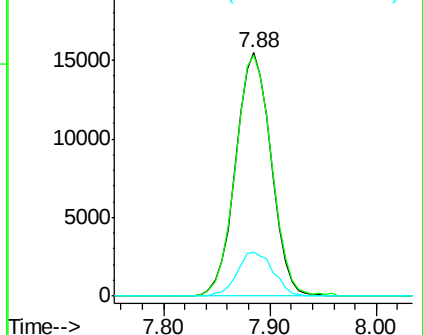


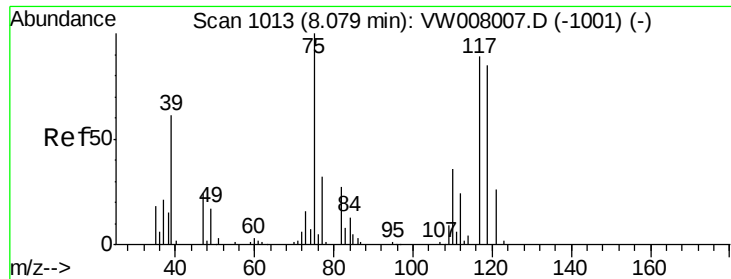
#35
 Dibromofluoromethane
 Concen: 48.471 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008077.D
 Acq: 07 Jan 2019 18:35

Tgt Ion:113 Resp: 36179
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.4 122.0
 192 18.4 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

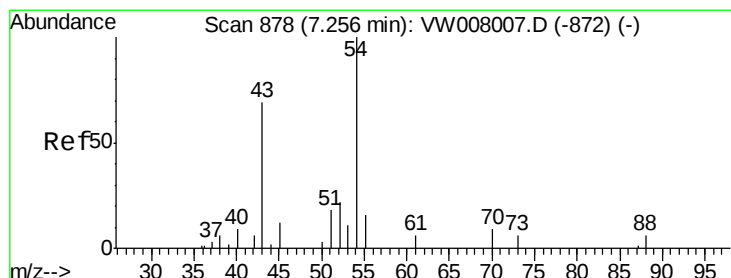
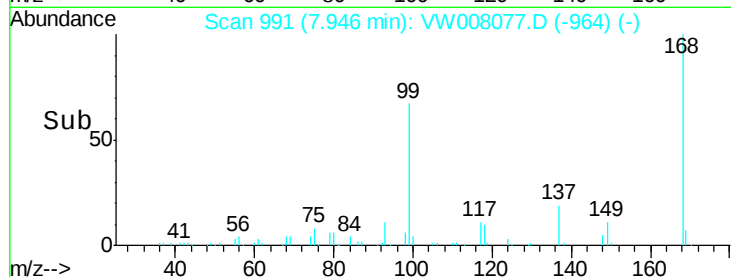
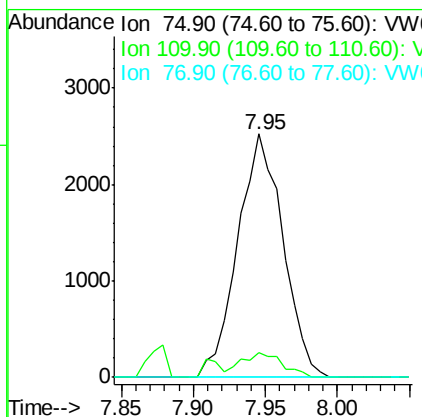
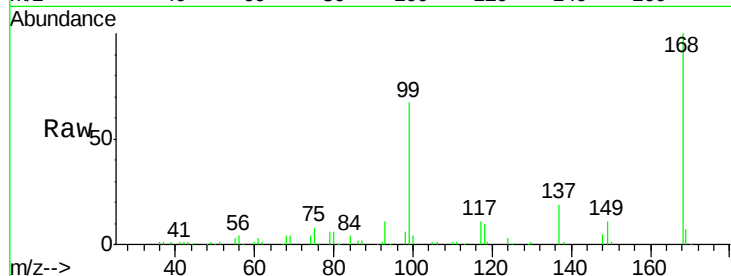




#36
 1,1-Dichloropropene
 Concen: 4.707 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008077.D
 Acq: 07 Jan 2019 18:35

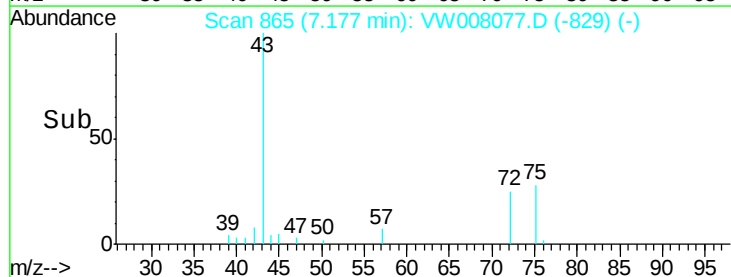
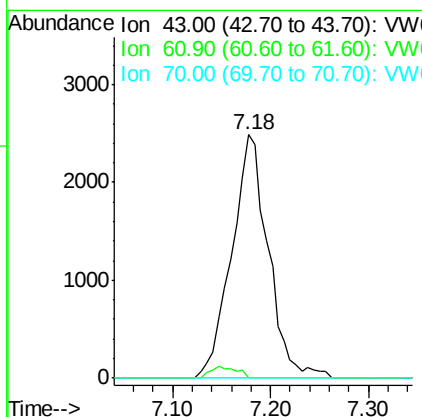
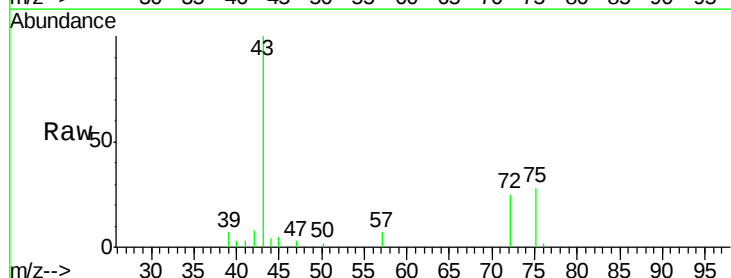
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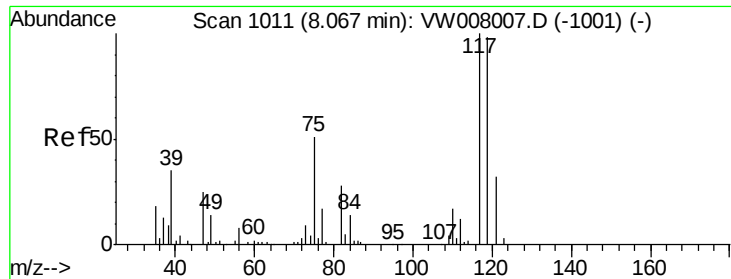
Tot Ion: 75 Resp: 5498
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 18.339 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW008077.D
 Acq: 07 Jan 2019 18:35

Tgt Ion: 43 Resp: 6434
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#

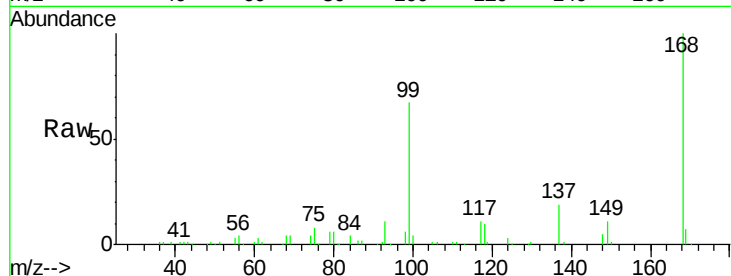




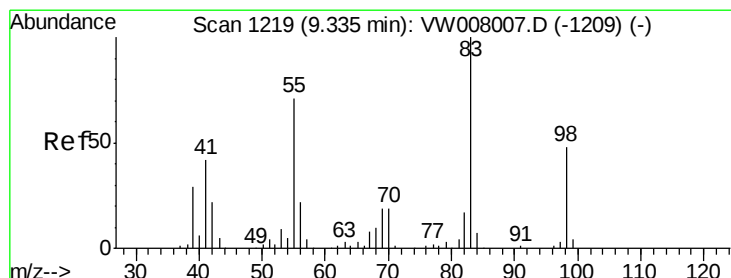
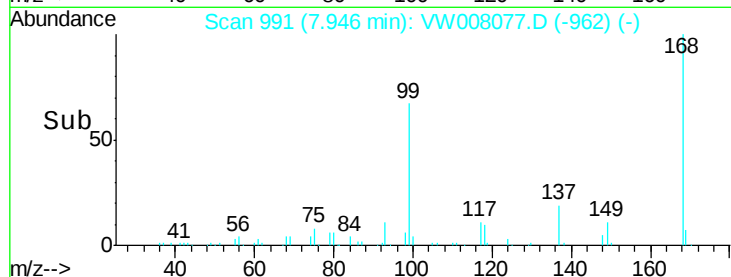
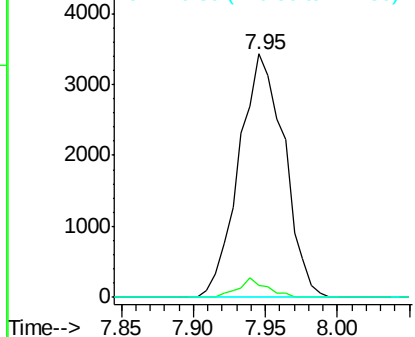
#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

Tot Ion:117 Resp: 7482
Ion Ratio Lower Upper
117 100
119 5.1 78.7 118.1#
121 0.0 25.8 38.8#

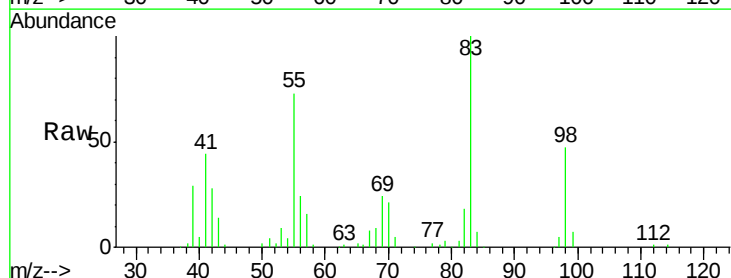


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

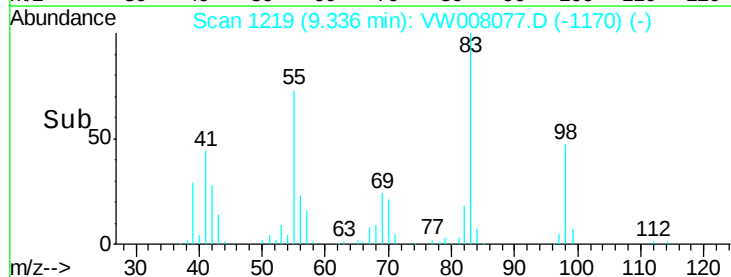
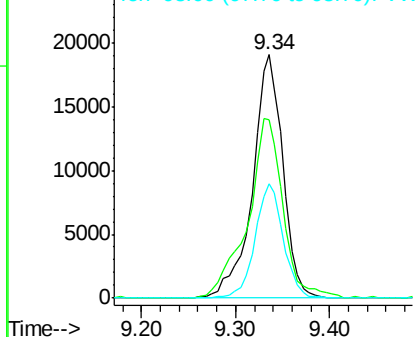


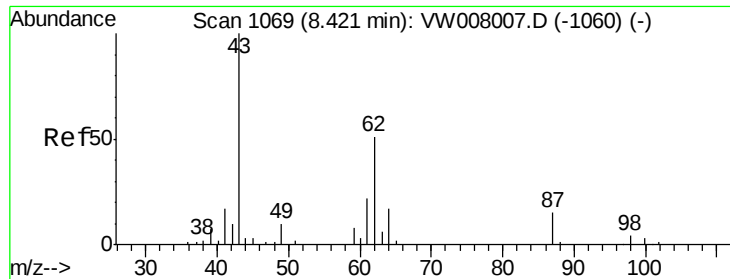
#39
Methylcyclohexane
Concen: 29.633 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion: 83 Resp: 43142
Ion Ratio Lower Upper
83 100
55 73.2 56.8 85.2
98 47.1 38.6 58.0



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 2.362 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

CPSB-15(20-25)

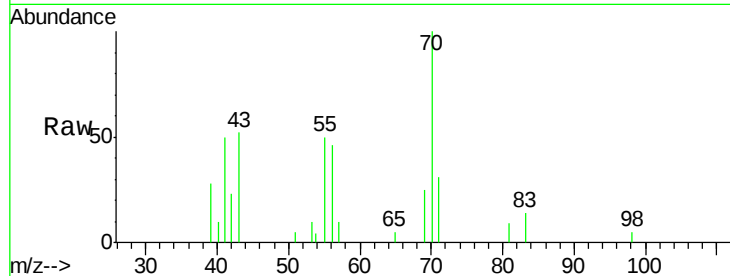
Tot Ion: 43 Resp: 1656

Ion Ratio Lower Upper

43 100

61 0.0 26.4 39.6#

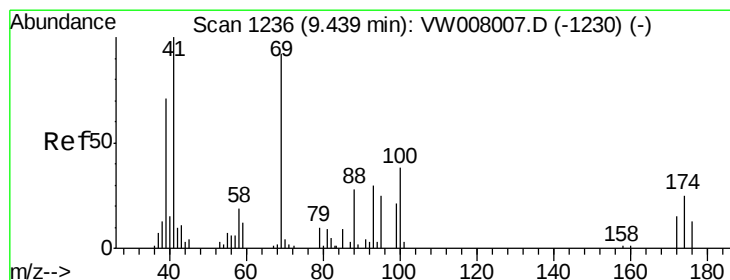
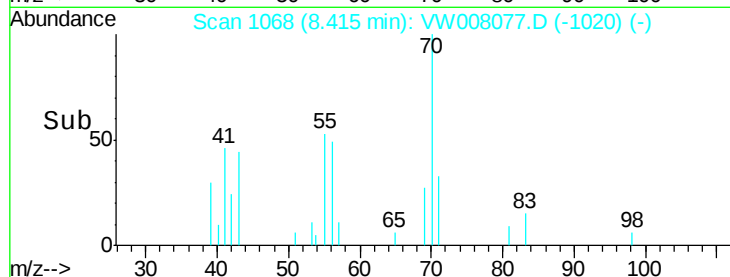
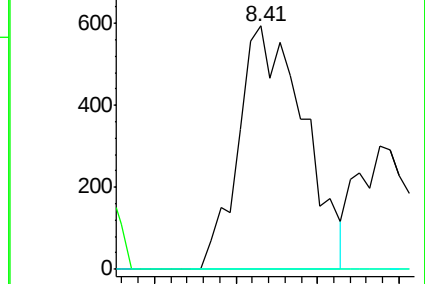
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#48

Methyl methacrylate

Concen: 8.525 ug/l

RT: 9.39 min Scan# 1228

Delta R.T. -0.05 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

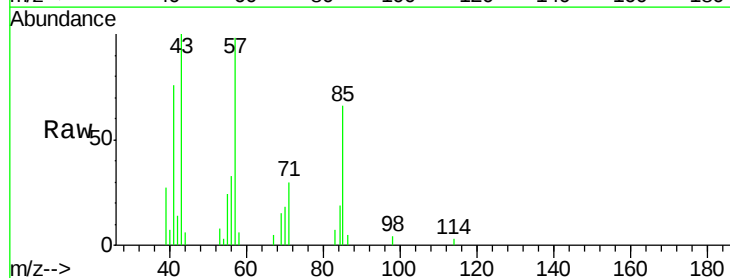
Tgt Ion: 41 Resp: 3013

Ion Ratio Lower Upper

41 100

69 0.0 72.3 108.5#

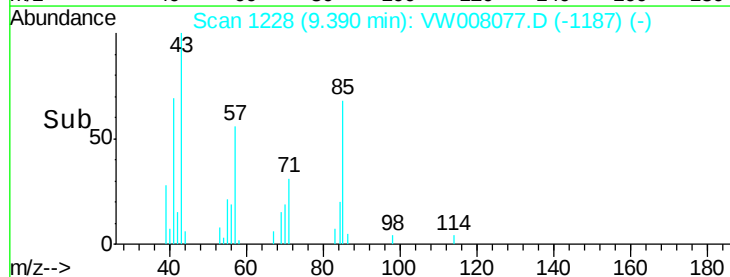
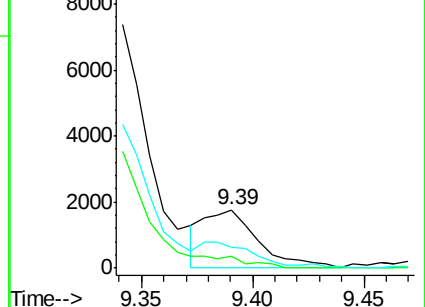
39 0.0 58.7 88.1#

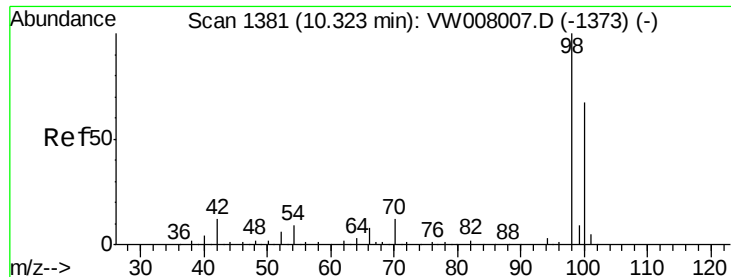


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#50

Toluene-d8

Concen: 52.310 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

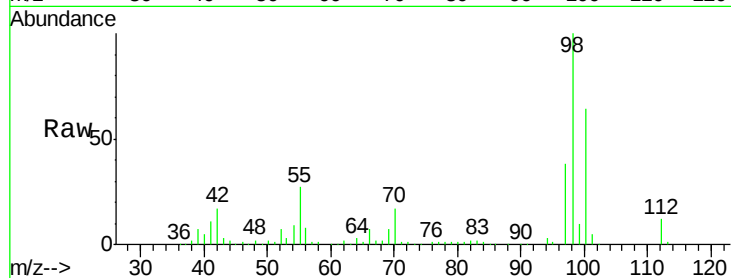
CPSB-15(20-25)

Tot Ion: 98 Resp: 146465

Ion Ratio Lower Upper

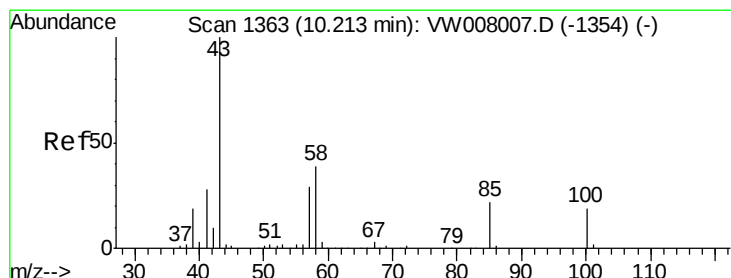
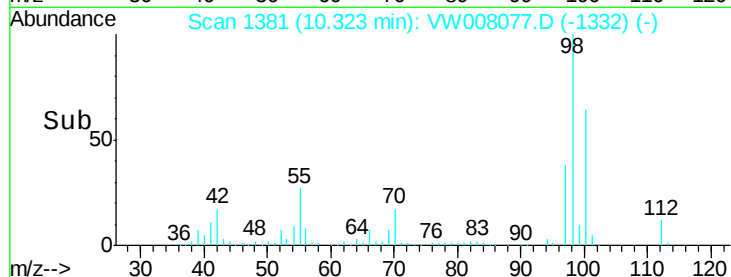
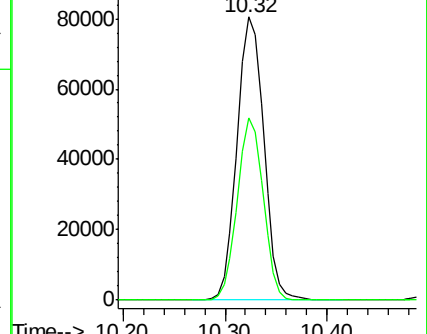
98 100

100 61.9 52.9 79.3



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: 1.094 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008077.D

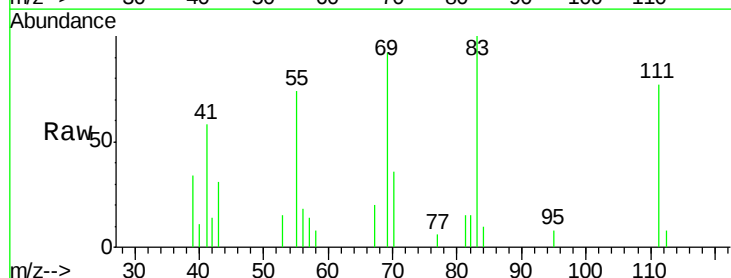
Acq: 07 Jan 2019 18:35

Tgt Ion: 43 Resp: 355

Ion Ratio Lower Upper

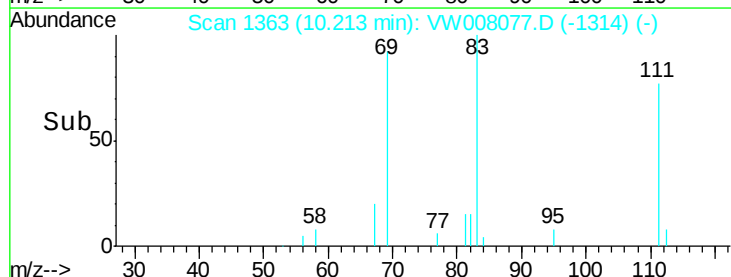
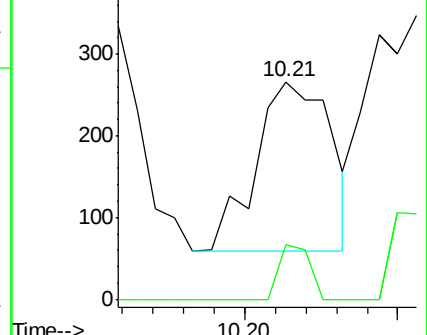
43 100

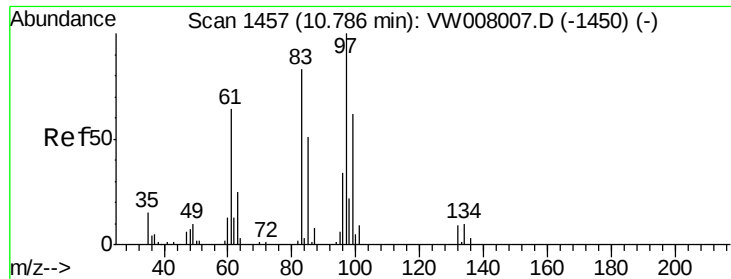
58 13.0 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

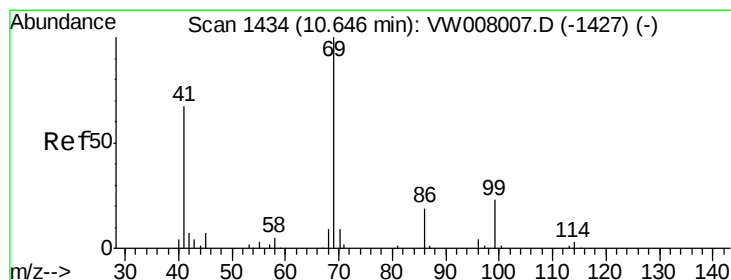
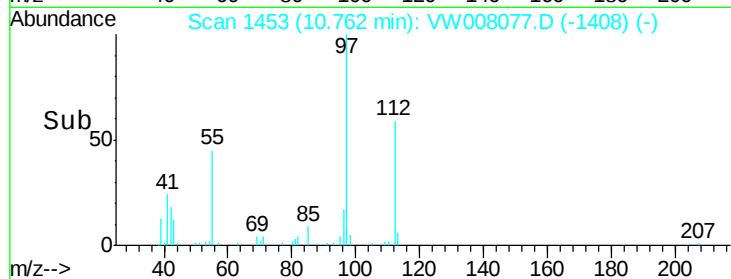
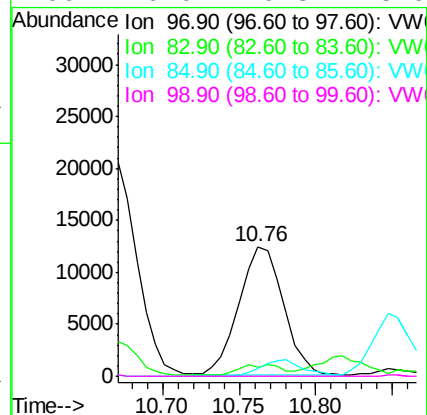
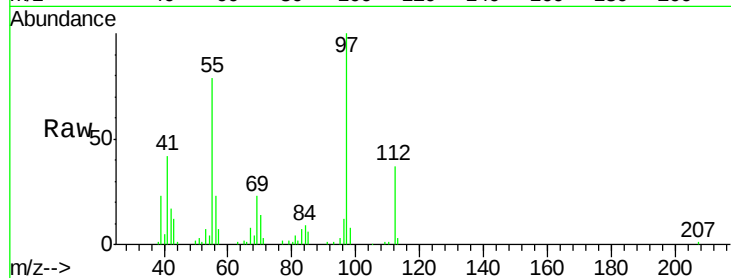




#55
 1,1,2-Trichloroethane
 Concen: 47.501 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW008077.D
 Acq: 07 Jan 2019 18:35

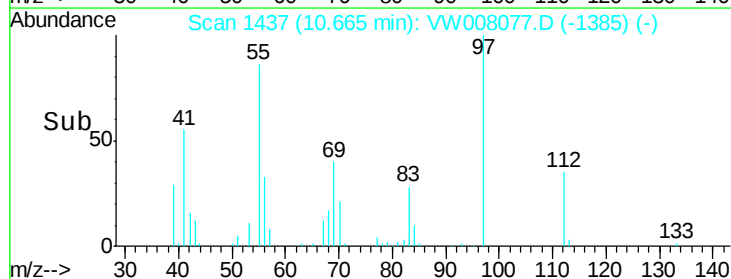
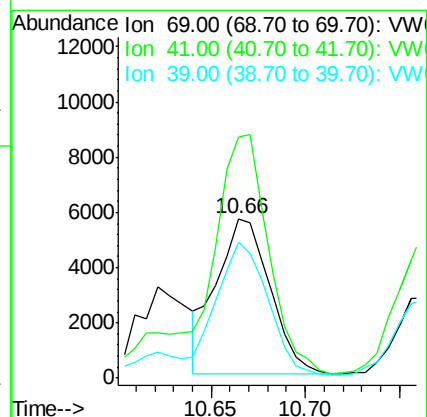
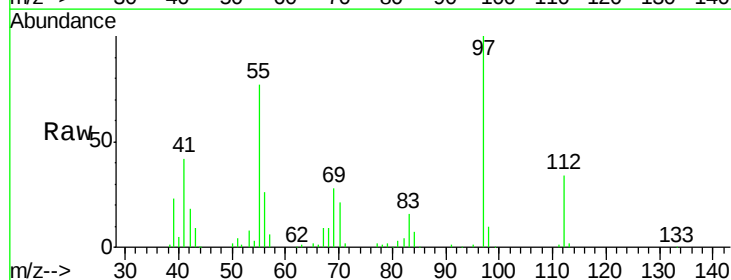
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-15(20-25)

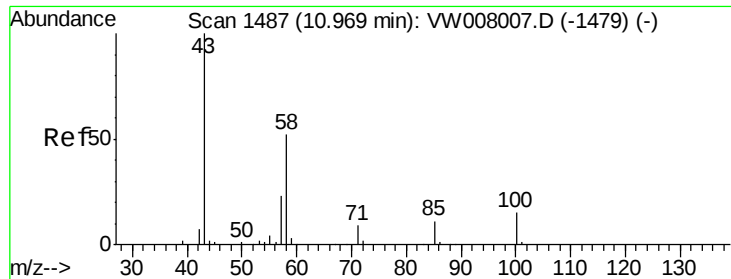
Tot Ion	97	Resp	25078
Ion	Ratio	Lower	Upper
97	100		
83	6.8	66.2	99.2#
85	5.8	41.0	61.4#
99	0.0	49.3	73.9#



#56
 Ethyl methacrylate
 Concen: 18.775 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW008077.D
 Acq: 07 Jan 2019 18:35

Tgt Ion	69	Resp	11206
Ion	Ratio	Lower	Upper
69	100		
41	149.4	52.6	79.0#
39	81.7	35.8	53.6#

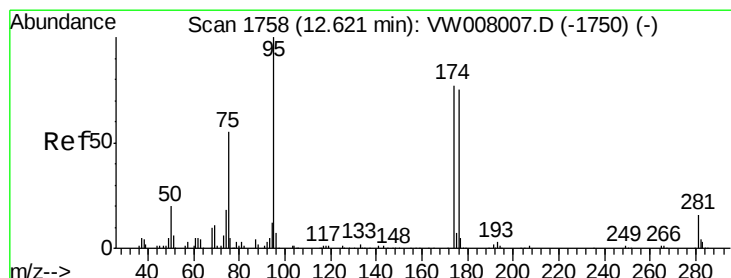
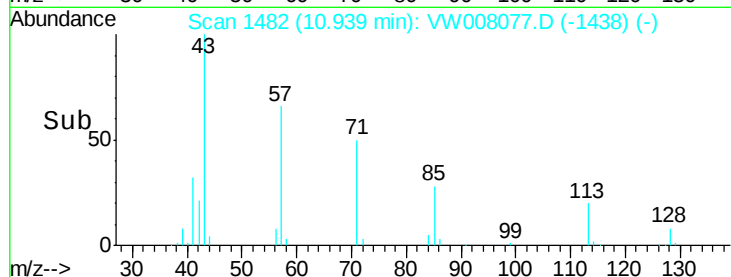
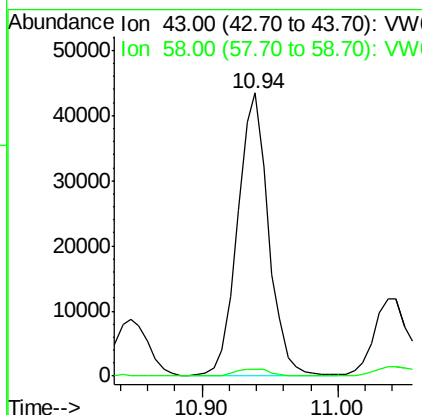
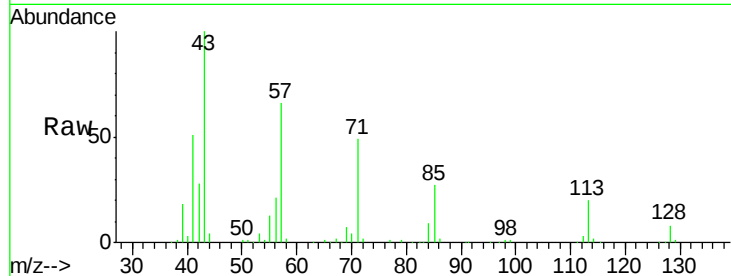




#59
2-Hexanone
Concen: 303.638 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

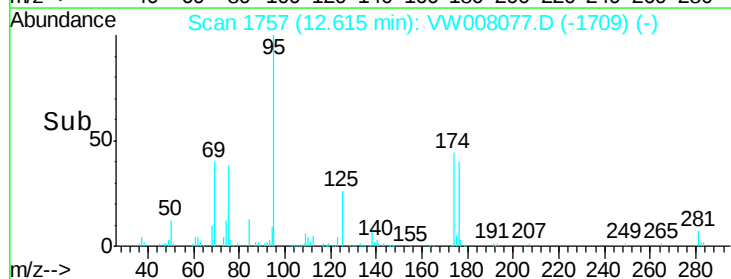
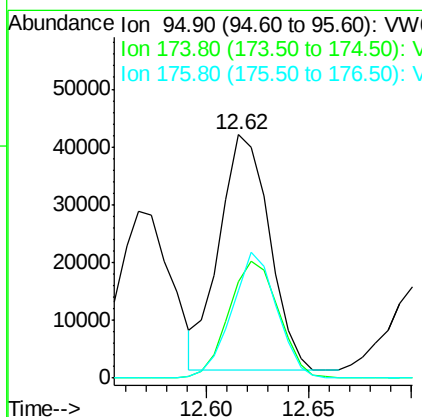
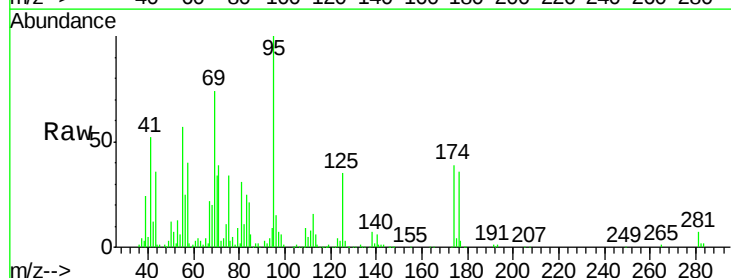
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

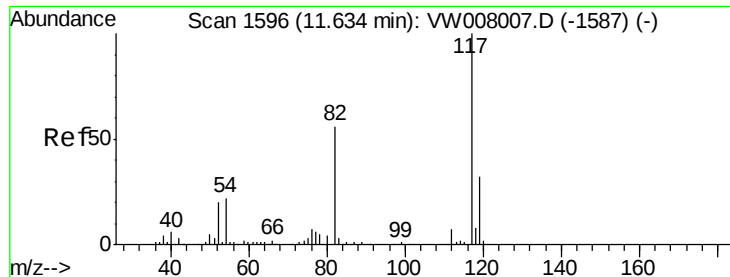
Tot Ion: 43 Resp: 68017
Ion Ratio Lower Upper
43 100
58 3.1 27.1 81.2#



#62
4-Bromofluorobenzene
Concen: 64.679 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion: 95 Resp: 69452
Ion Ratio Lower Upper
95 100
174 49.4 0.0 149.6
176 48.2 0.0 145.4

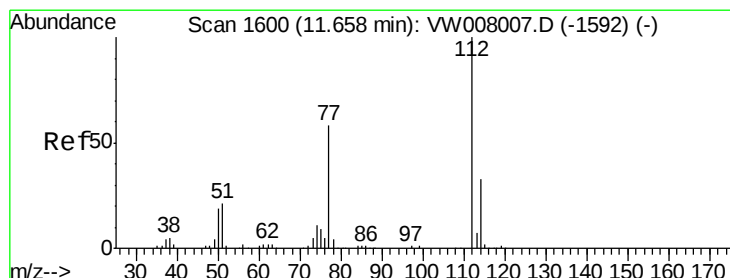
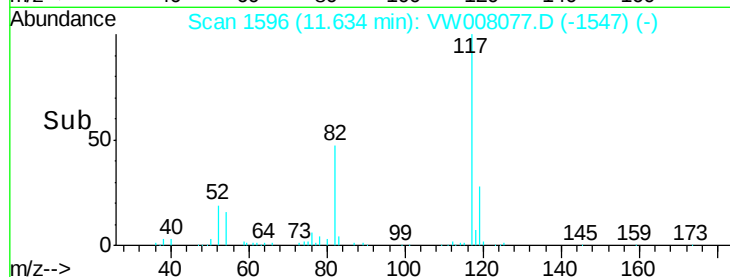
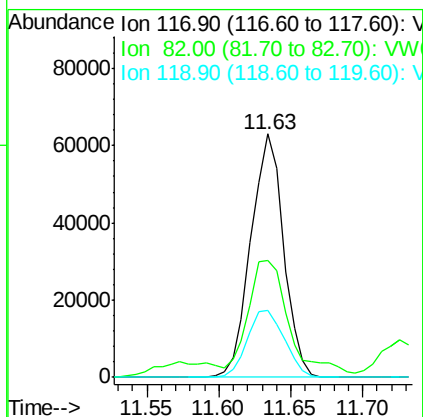
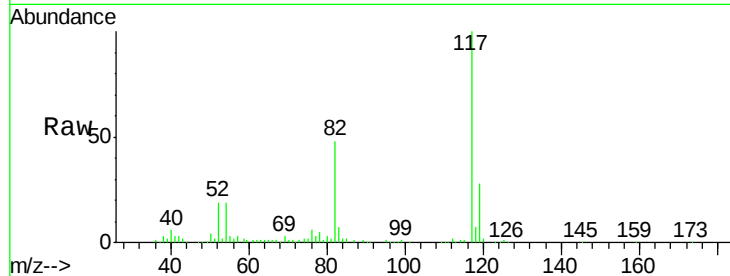




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

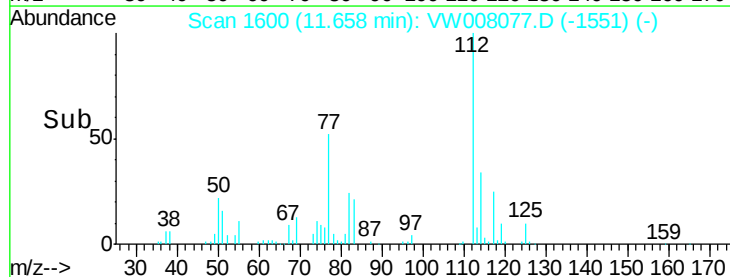
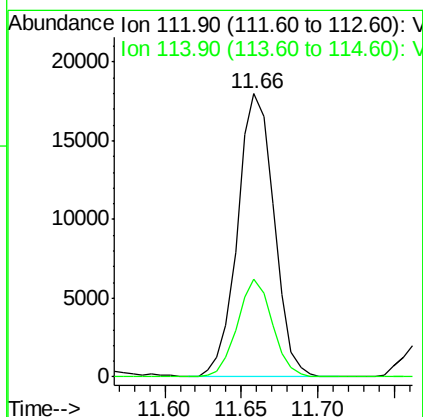
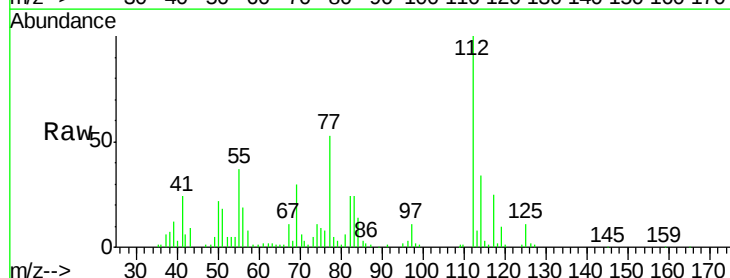
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

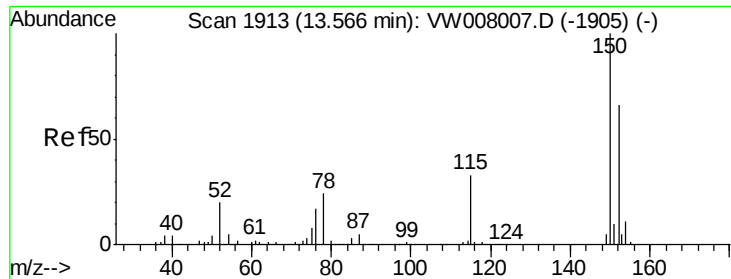
Tot Ion:117 Resp: 99017
Ion Ratio Lower Upper
117 100
82 43.6 44.8 67.2#
119 27.6 25.6 38.4



#65
Chlorobenzene
Concen: 14.071 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion:112 Resp: 29778
Ion Ratio Lower Upper
112 100
114 34.4 26.0 39.0



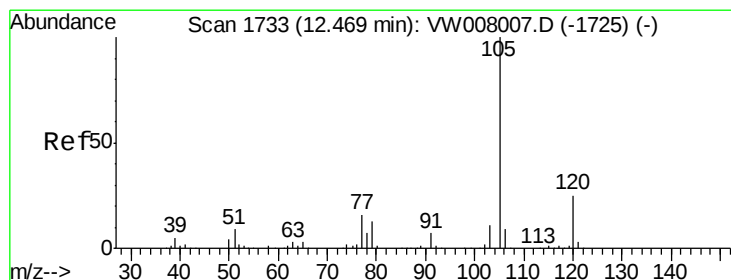
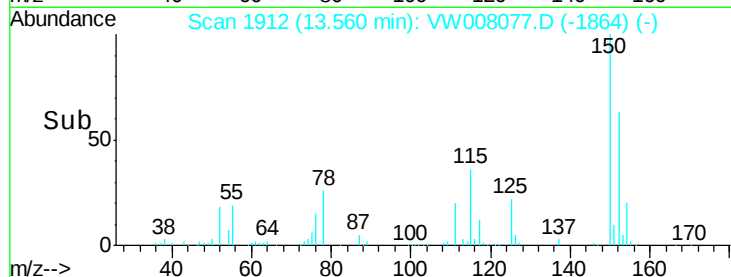
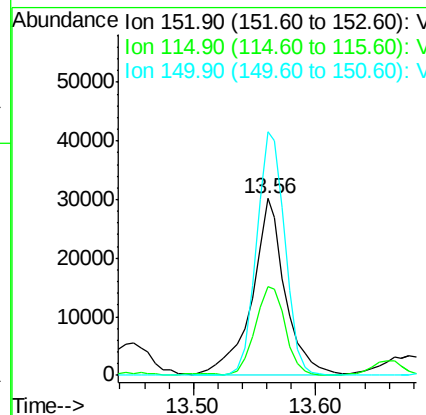
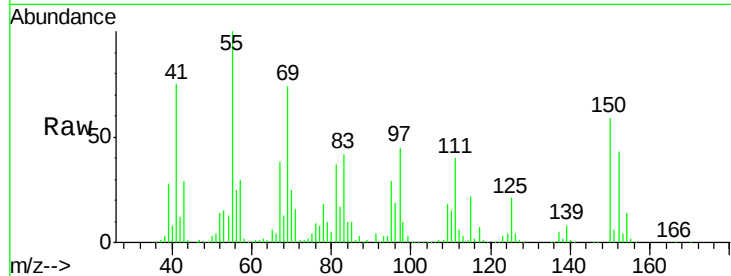


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

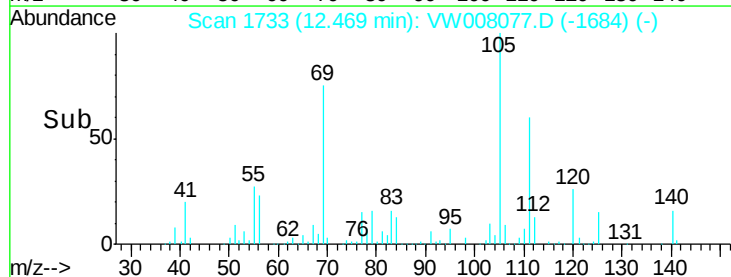
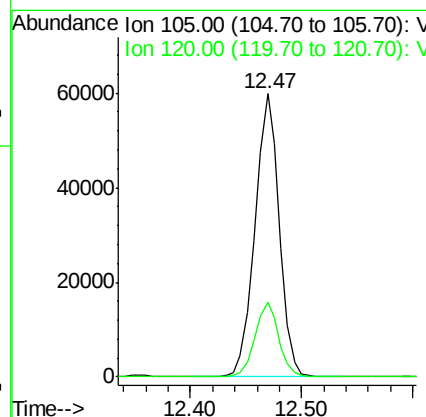
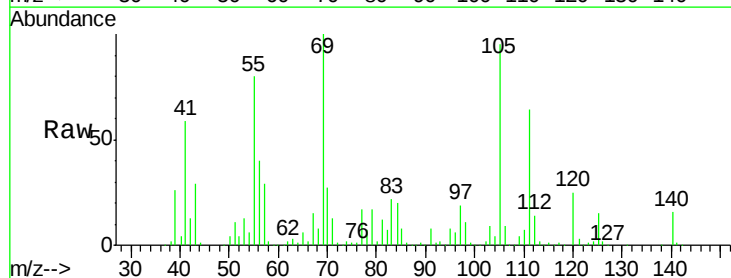
Tot Ion:152 Resp: 55999
Ion Ratio Lower Upper
152 100
115 46.6 32.1 96.5
150 119.7 0.0 345.0

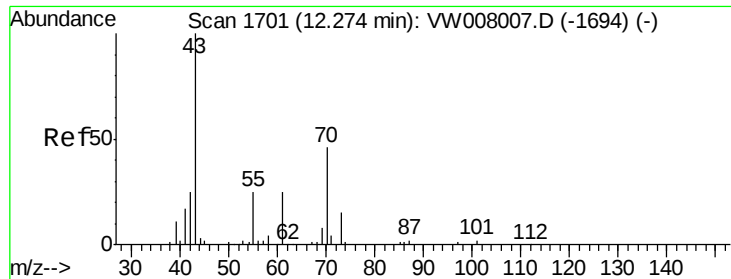


#73

Isopropylbenzene
Concen: 20.274 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion:105 Resp: 90278
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3





#74

N-amvl acetate

Concen: 250.801 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

CPSB-15(20-25)

Tot Ion: 43 Resp: 173842

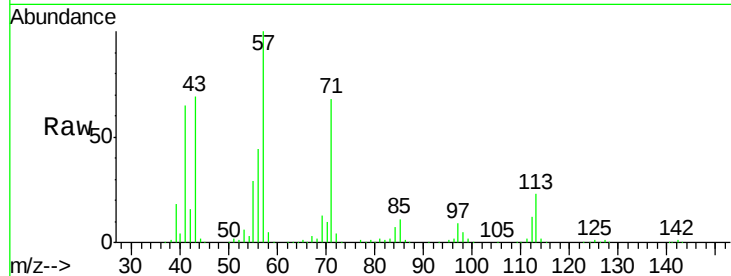
Ion Ratio Lower Upper

43 100

70 0.0 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

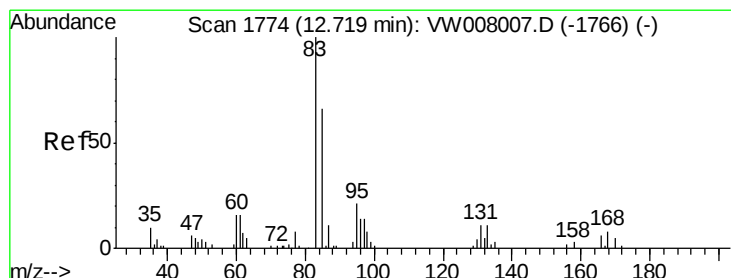
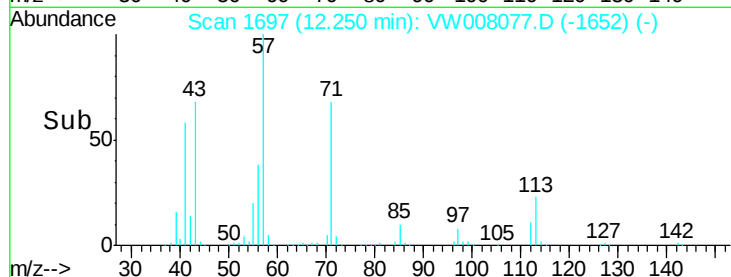
150000

100000

50000

0

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 57.058 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

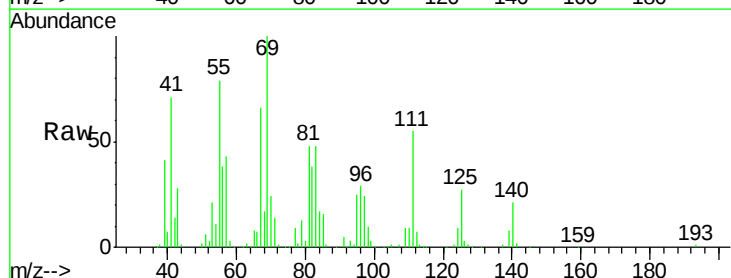
Tgt Ion: 83 Resp: 32328

Ion Ratio Lower Upper

83 100

131 0.1 6.5 19.5#

85 0.0 32.8 98.3#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

20000

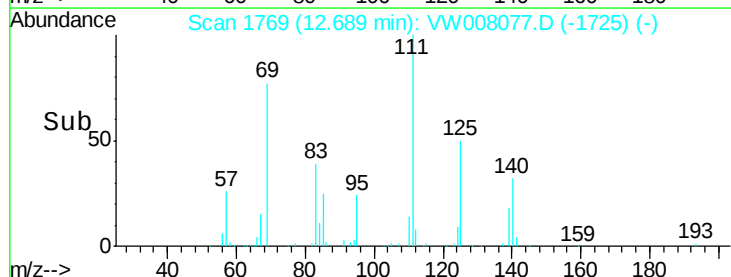
15000

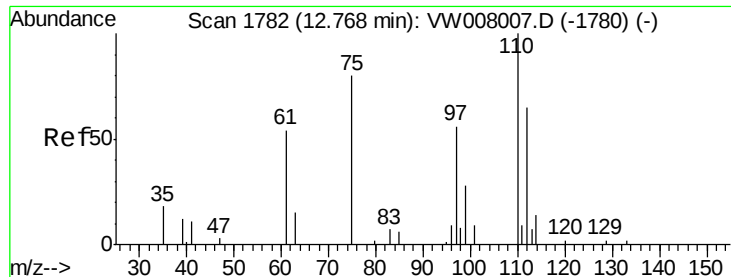
10000

5000

0

Time-->





#76

1,2,3-Trichloropropane

Concen: 4.563 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

Instrument :

MSVOA_W

ClientSampled :

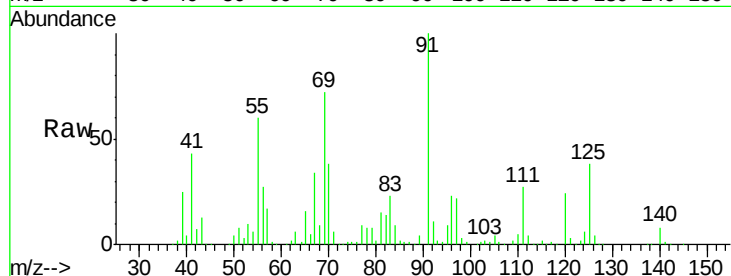
CPSB-15(20-25)

Tot Ion: 75 Resp: 2033

Ion Ratio Lower Upper

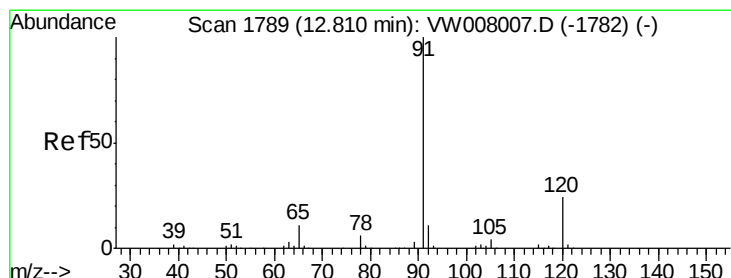
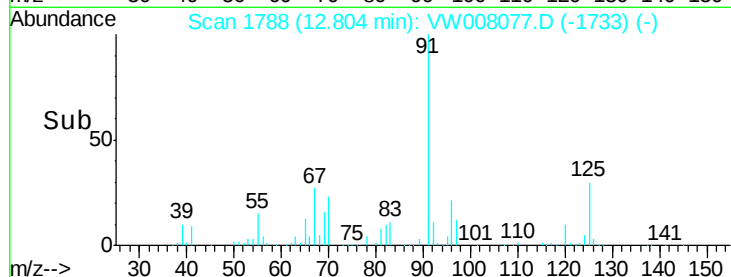
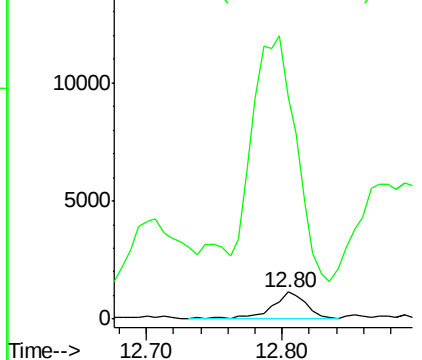
75 100

77 1144.8 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#78

n-propylbenzene

Concen: 38.781 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008077.D

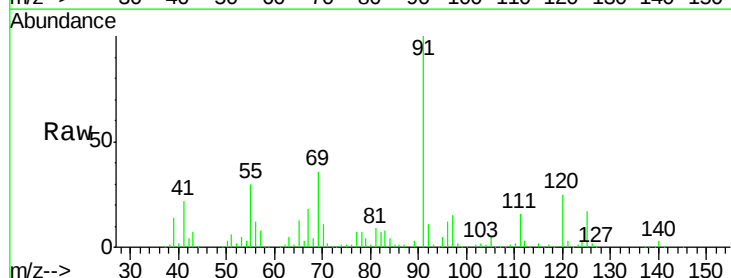
Acq: 07 Jan 2019 18:35

Tgt Ion: 91 Resp: 200218

Ion Ratio Lower Upper

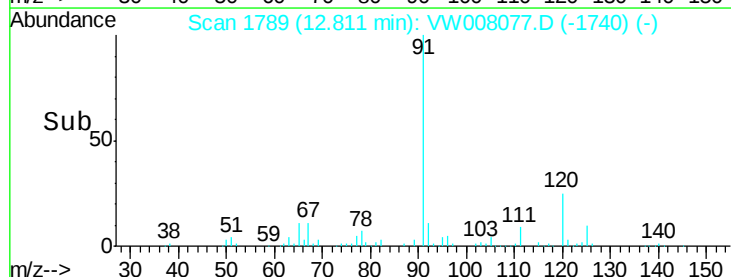
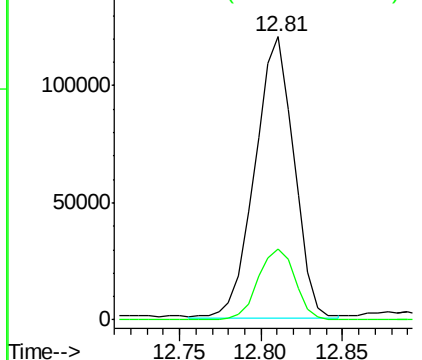
91 100

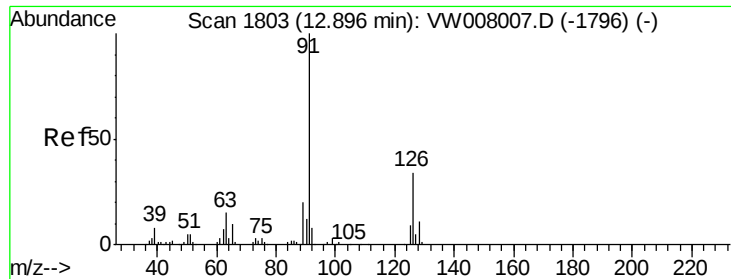
120 24.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

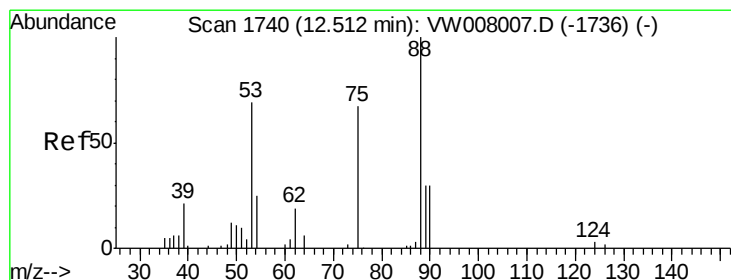
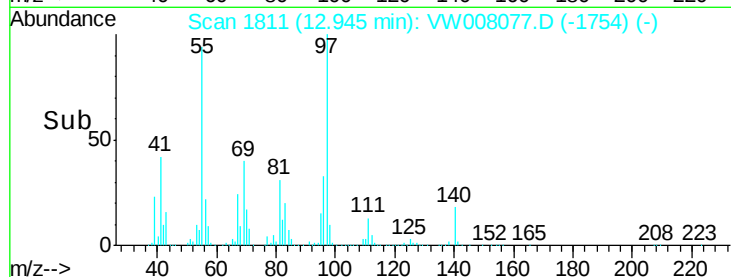
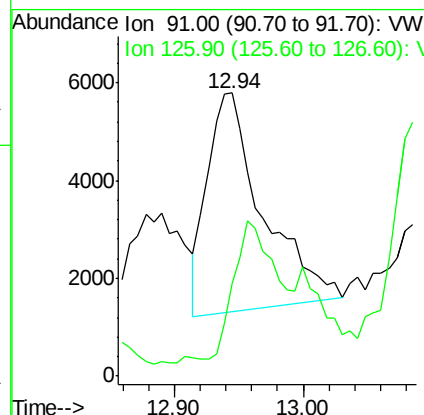
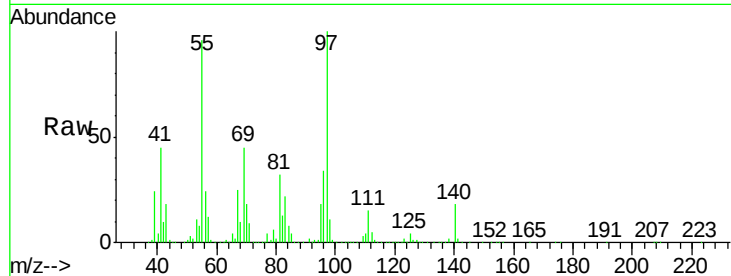




#79
2-Chlorotoluene
Concen: 4.489 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.05 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

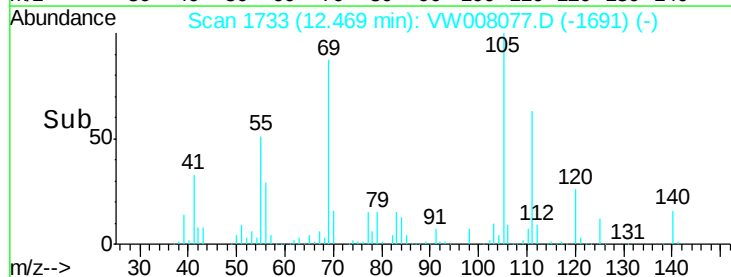
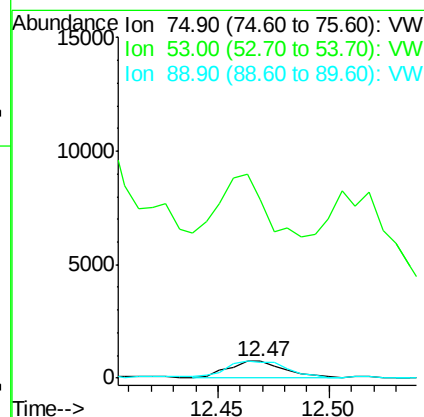
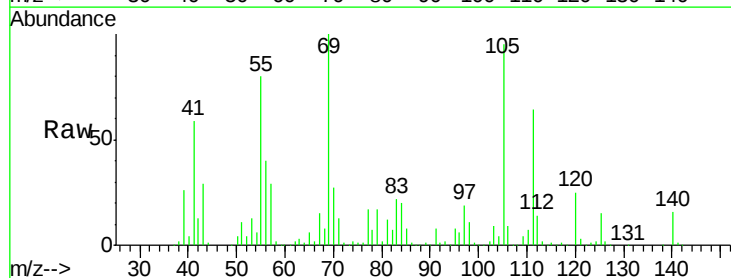
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

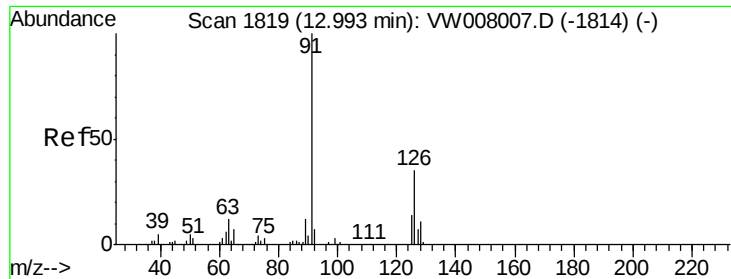
Tot Ion: 91 Resp: 13396
Ion Ratio Lower Upper
91 100
126 51.1 17.1 51.2



#81
trans-1,4-Dichloro-2-butene
Concen: 7.134 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.04 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion: 75 Resp: 1344
Ion Ratio Lower Upper
75 100
53 267.8 87.6 131.4#
89 108.0 42.2 63.2#

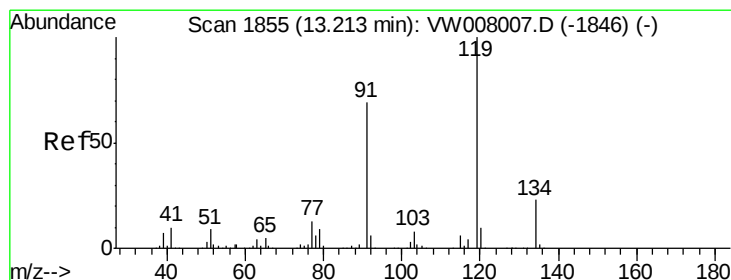
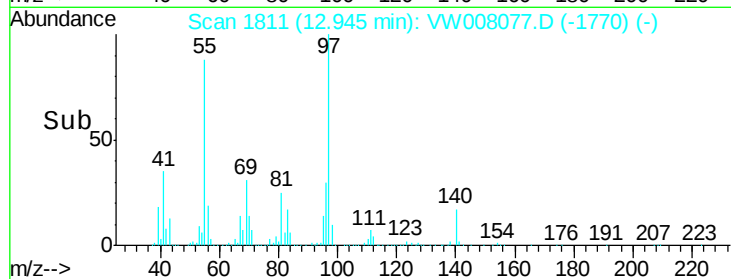
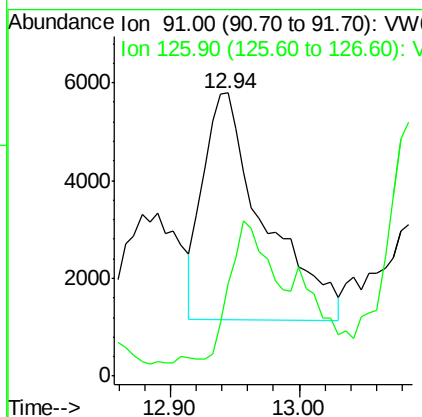
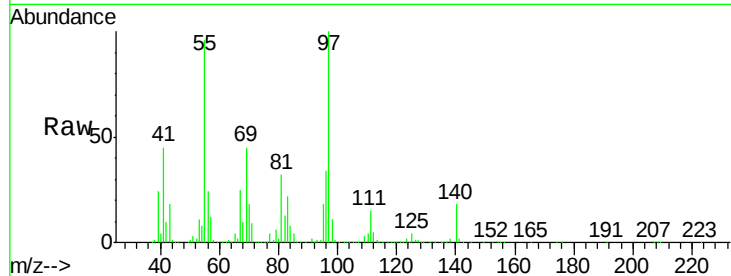




#82
4-Chlorotoluene
Concen: 4.823 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

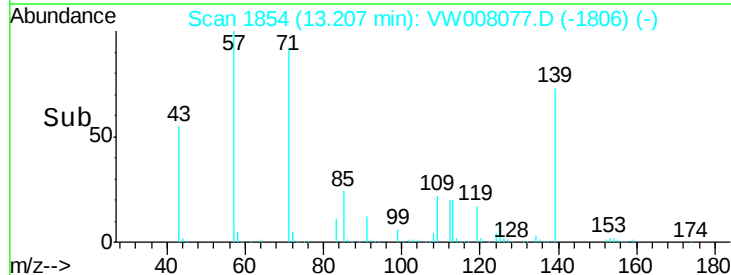
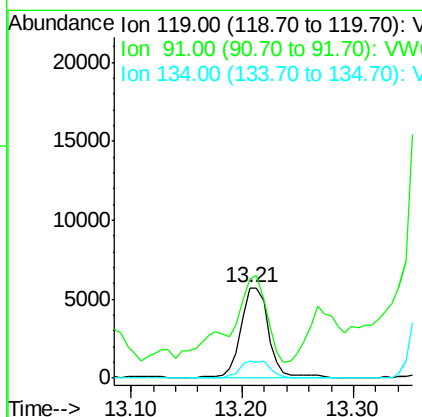
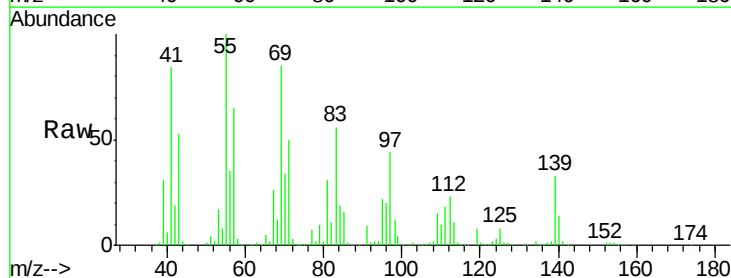
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

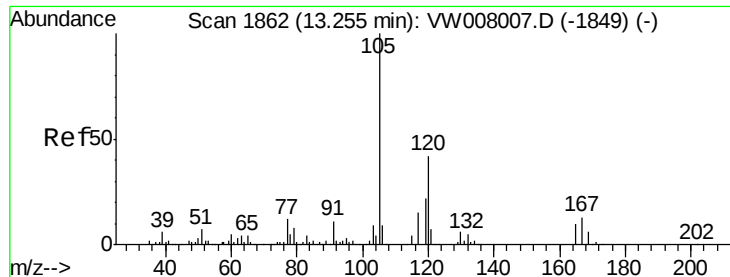
Tot Ion: 91 Resp: 15304
Ion Ratio Lower Upper
91 100
126 44.8 16.7 50.1



#83
tert-Butylbenzene
Concen: 2.989 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion: 119 Resp: 10025
Ion Ratio Lower Upper
119 100
91 125.6 34.7 104.1#
134 0.0 11.5 34.4#





#84

1,2,4-Trimethylbenzene

Concen: 69.753 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.13 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

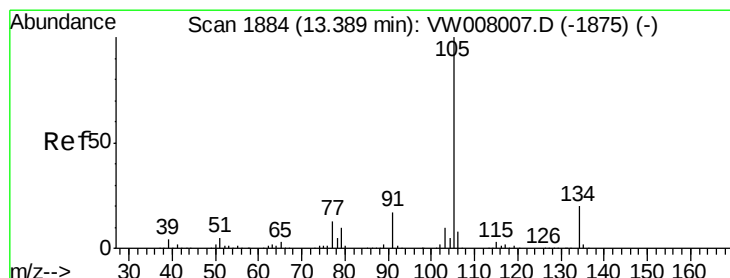
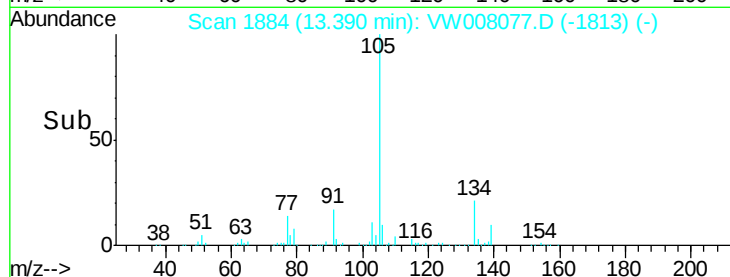
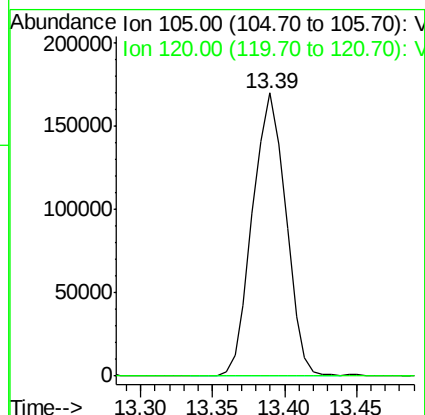
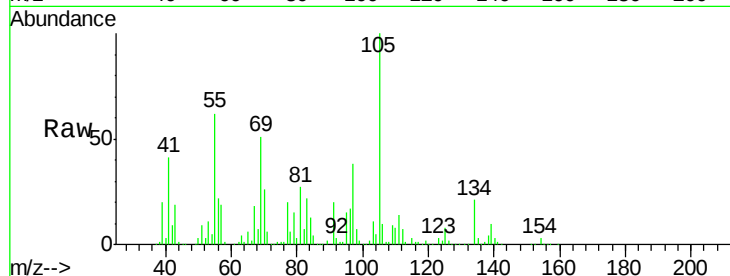
CPSB-15(20-25)

Tot Ion:105 Resp: 270806

Ion Ratio Lower Upper

105 100

120 0.3 21.5 64.5#



#85

sec-Butylbenzene

Concen: 58.703 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008077.D

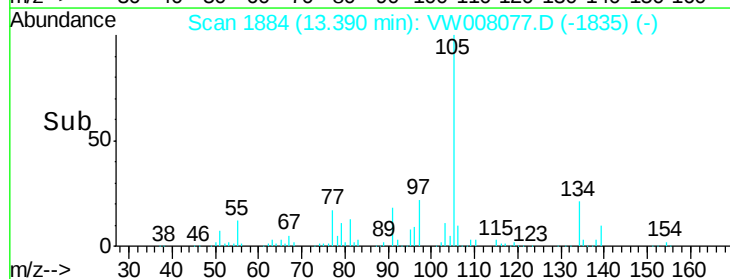
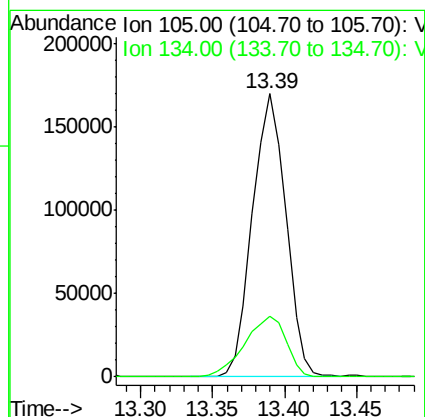
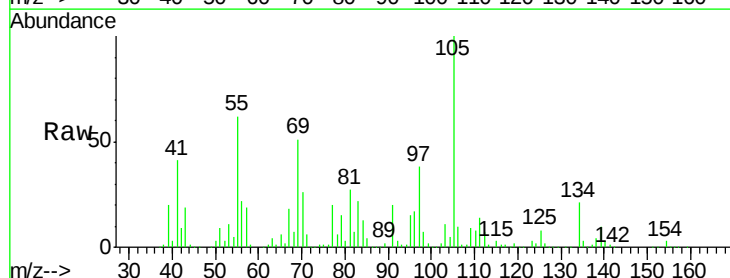
Acq: 07 Jan 2019 18:35

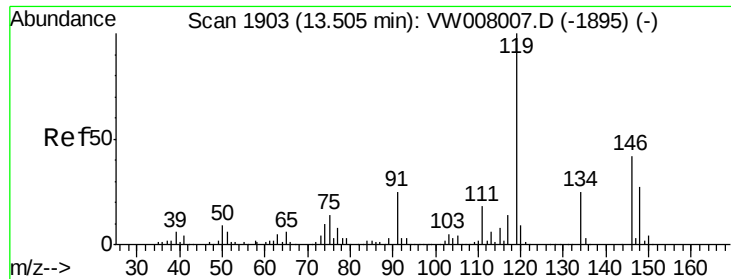
Tgt Ion:105 Resp: 270806

Ion Ratio Lower Upper

105 100

134 27.0 9.7 28.9

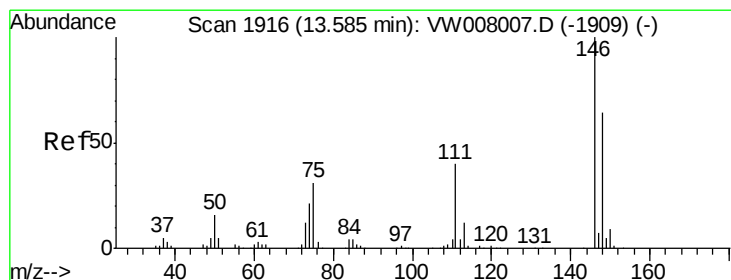
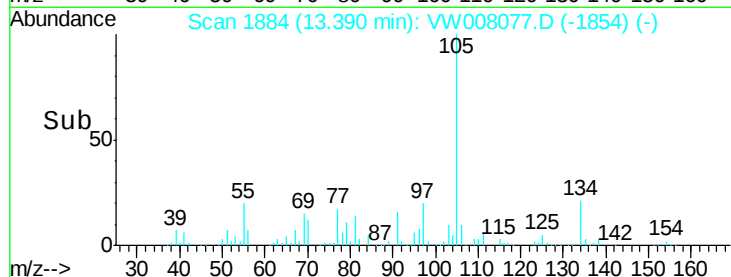
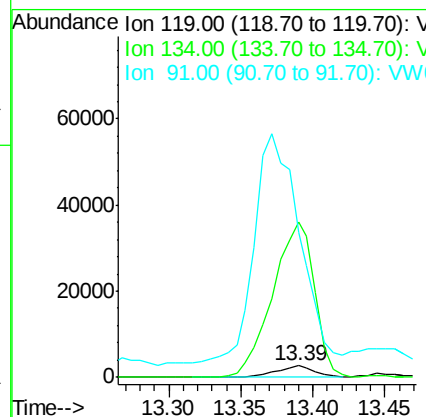
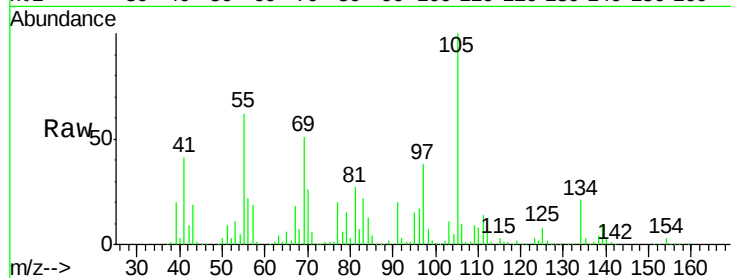




#86
p-Isopropyltoluene
Concen: 1.265 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.12 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

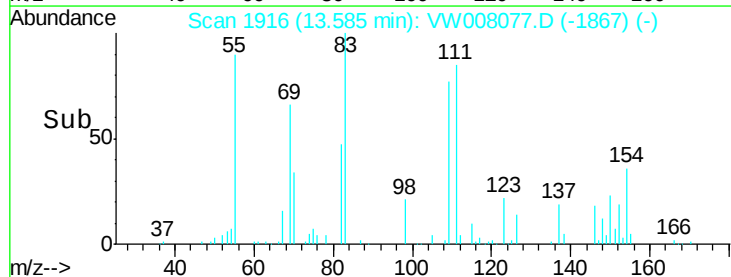
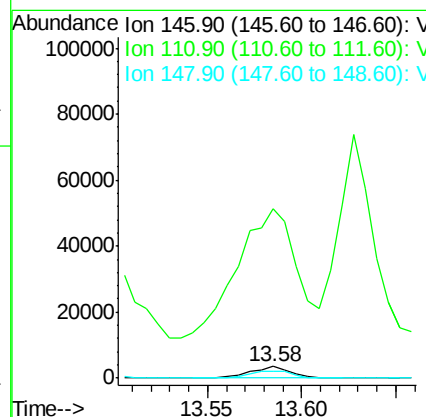
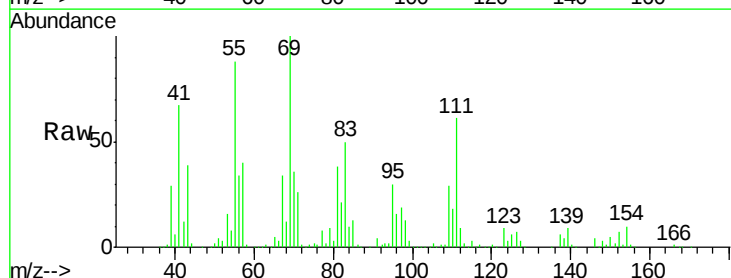
Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

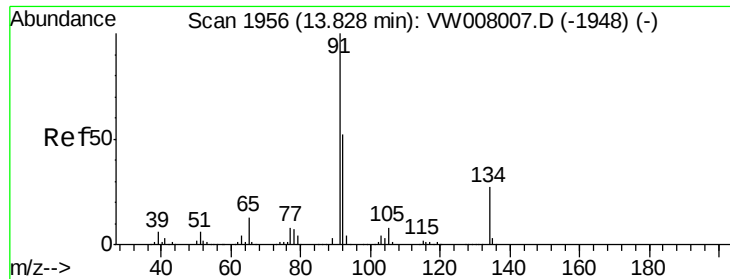
Tot Ion:119 Resp: 5262
Ion Ratio Lower Upper
119 100
134 1390.5 12.5 37.5#
91 2231.1 13.1 39.3#



#88
1,4-Dichlorobenzene
Concen: 2.768 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion:146 Resp: 5292
Ion Ratio Lower Upper
146 100
111 1641.3 20.9 62.8#
148 67.6 31.9 95.9





#89

n-Butylbenzene

Concen: 44.239 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

Instrument :

MSVOA_W

ClientSampled :

CPSB-15(20-25)

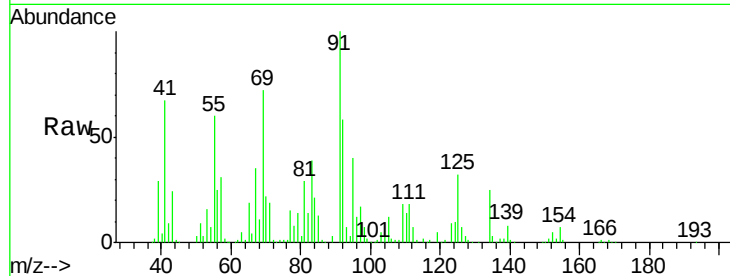
Tot Ion: 91 Resp: 168376

Ion Ratio Lower Upper

91 100

92 48.6 26.4 79.2

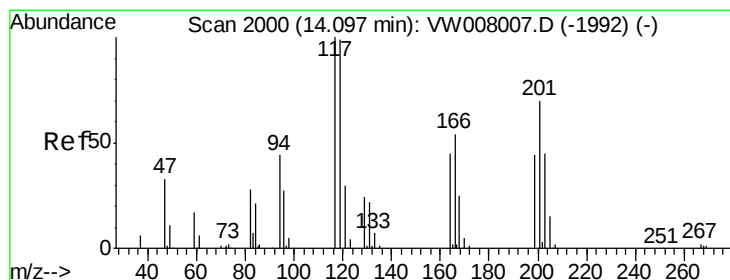
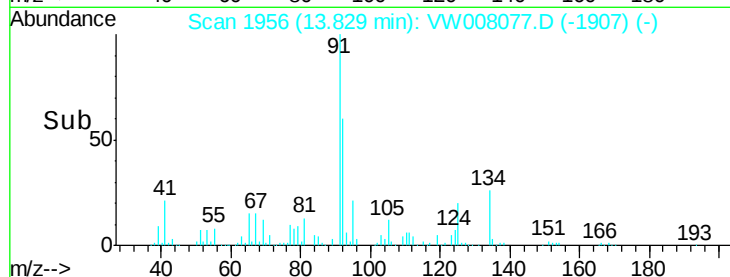
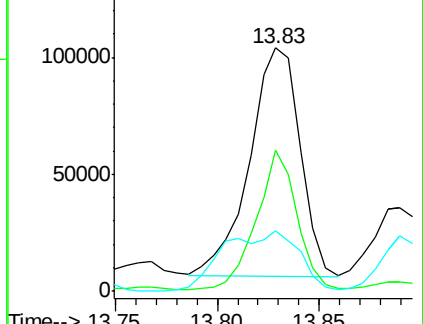
134 39.7 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 77.295 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008077.D

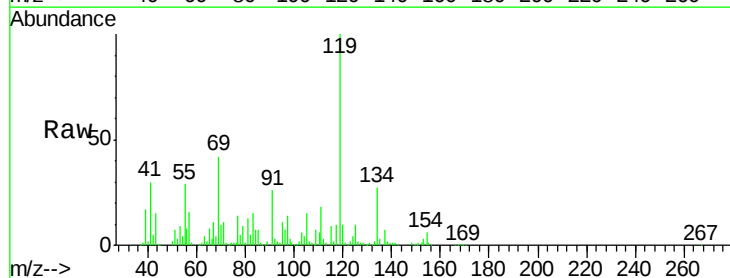
Acq: 07 Jan 2019 18:35

Tgt Ion: 117 Resp: 55808

Ion Ratio Lower Upper

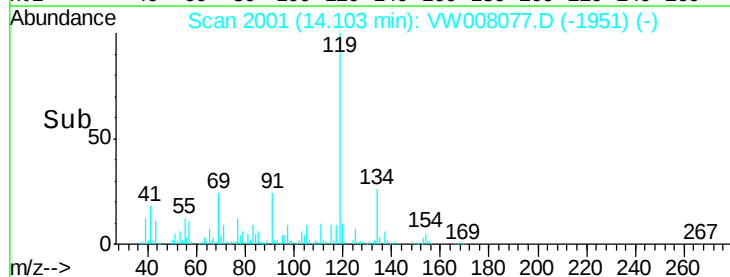
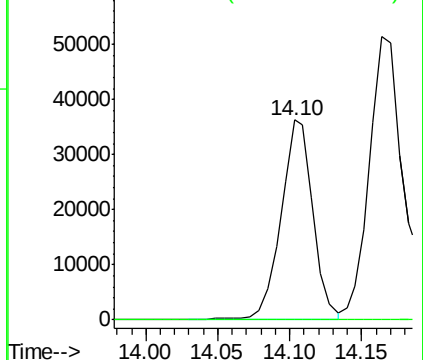
117 100

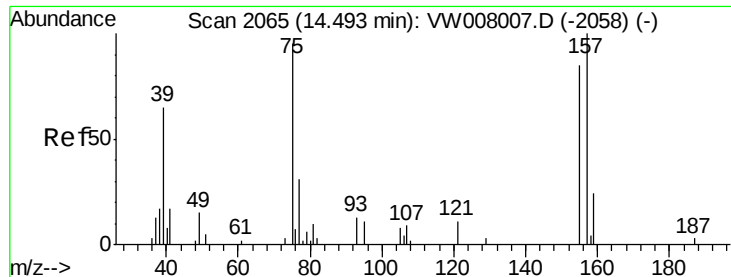
201 0.0 37.1 111.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 20.966 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

CPSB-15(20-25)

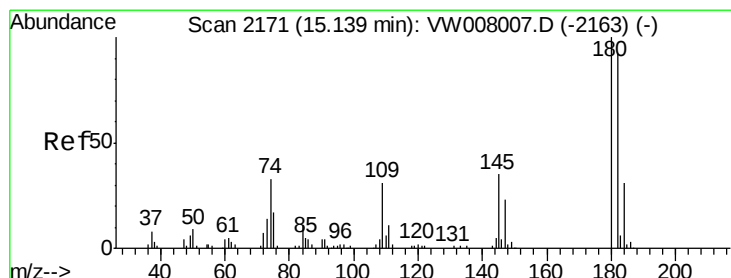
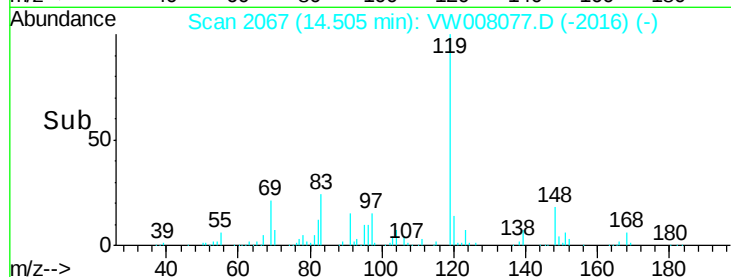
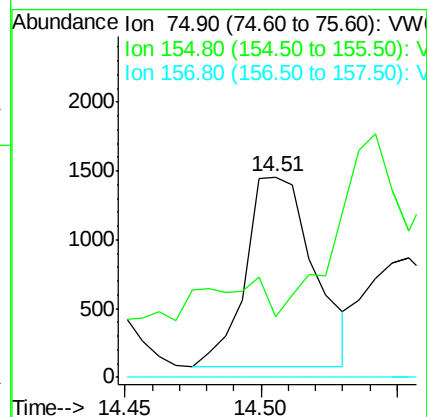
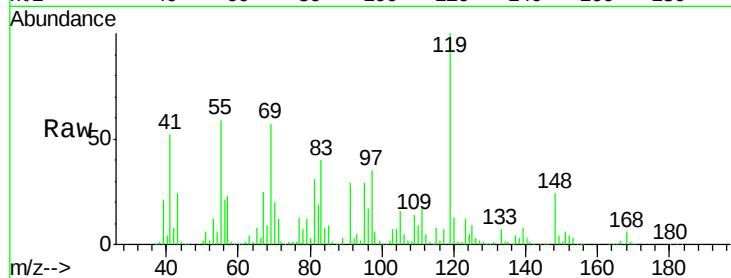
Tot Ion: 75 Resp: 2411

Ion Ratio Lower Upper

75 100

155 18.6 42.4 127.1#

157 0.0 52.3 156.8#



#93

1,2,4-Trichlorobenzene

Concen: 3.390 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW008077.D

Acq: 07 Jan 2019 18:35

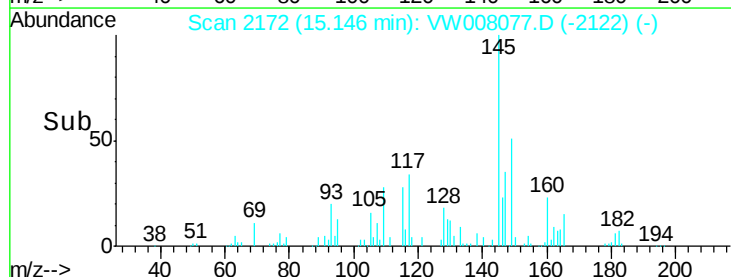
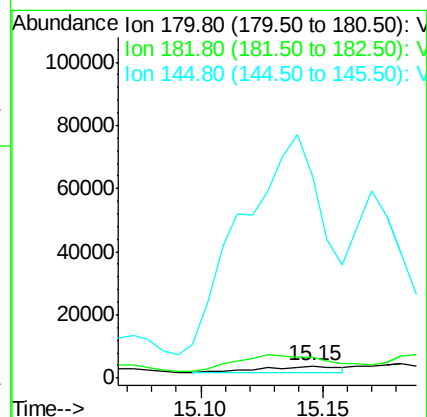
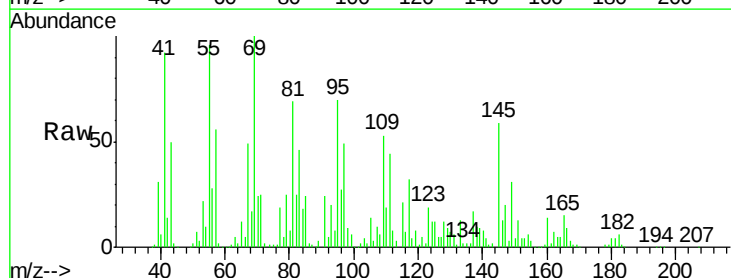
Tgt Ion:180 Resp: 4041

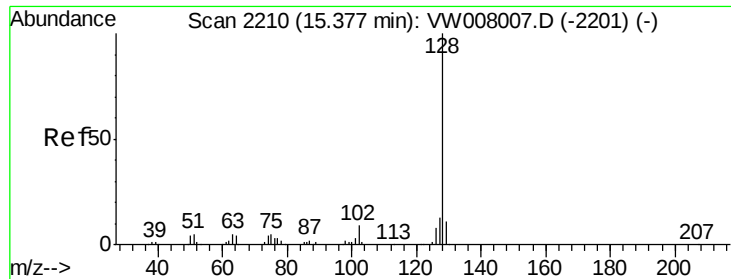
Ion Ratio Lower Upper

180 100

182 358.2 46.6 139.8#

145 4757.8 17.2 51.6#

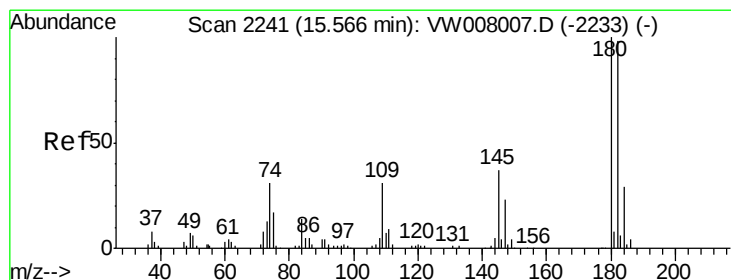
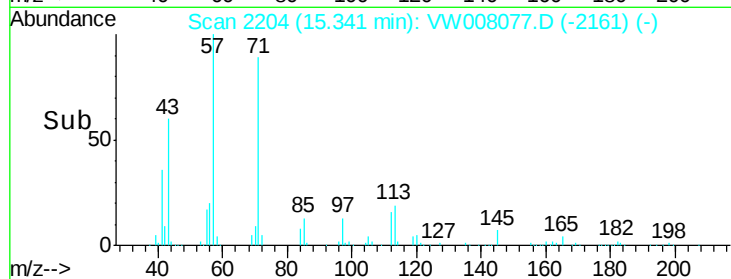
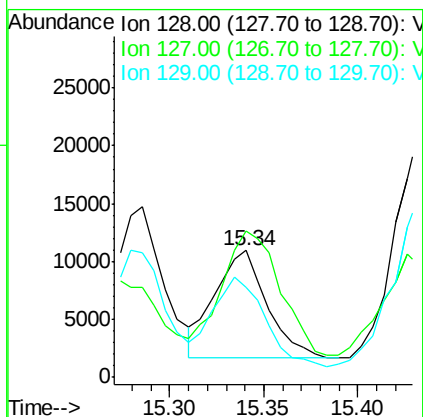
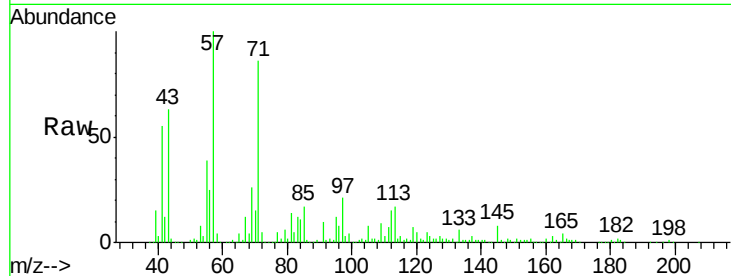




#95
Naphthalene
Concen: 8.847 ug/l
RT: 15.34 min Scan# 2204
Delta R.T. -0.04 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Instrument :
MSVOA_W
ClientSampleId :
CPSB-15(20-25)

Tot Ion:128 Resp: 17959
Ion Ratio Lower Upper
128 100
127 128.3 10.8 16.2#
129 84.5 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 14.718 ug/l
RT: 15.54 min Scan# 2236
Delta R.T. -0.03 min
Lab File: VW008077.D
Acq: 07 Jan 2019 18:35

Tgt Ion:180 Resp: 14434
Ion Ratio Lower Upper
180 100
182 32.4 47.9 143.8#
145 537.3 18.7 56.1#

