

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008074.D
 Acq On : 07 Jan 2019 17:15
 Operator : SY/AP
 Sample : K1071-03
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(10-15)

Quant Time: Jan 08 03:45:38 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	68489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	62715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	119420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45878	60.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.12%	
35) Dibromofluoromethane	7.88	113	36977	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.33	98	220981	82.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	165.48%	
62) 4-Bromofluorobenzene	12.64	95	360159	351.62	ug/l	0.02
Spiked Amount	50.000		Recovery	=	703.24%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.21	59	670	13.614	ug/l #	71
13) Acrolein	4.10	56	45	1.350	ug/l #	63
15) Acrylonitrile	5.44	53	963	8.433	ug/l #	33
16) Acetone	4.14	43	9835	83.872	ug/l	99
17) Carbon Disulfide	4.37	76	4317	2.055	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	1359	1.256	ug/l #	1
20) Methylene Chloride	4.92	84	4895	4.611	ug/l	89
25) 2-Butanone	7.18	43	9692	70.150	ug/l #	69
29) Tetrahydrofuran	7.70	42	2849	33.198	ug/l #	1
31) Cyclohexane	7.95	56	36430	31.461	ug/l	99
36) 1,1-Dichloropropene	7.95	75	5300	4.757	ug/l #	50
37) Ethyl Acetate	7.18	43	9692	28.961	ug/l #	67
38) Carbon Tetrachloride	7.95	117	7312	5.476	ug/l #	15
39) Methylcyclohexane	9.34	83	1490966	1073.612	ug/l #	68
40) Benzene	8.33	78	4211	1.433	ug/l #	83
41) Methacrylonitrile	7.71	41	16817	85.468	ug/l #	53
42) 1,2-Dichloroethane	8.44	62	5744	5.866	ug/l #	1
43) Isopropyl Acetate	8.43	43	263393	393.908	ug/l #	50
45) 1,2-Dichloropropane	9.31	63	29441	46.278	ug/l #	1
46) Dibromomethane	9.31	93	3969	10.671	ug/l #	1
47) Bromodichloromethane	9.62	83	87997	84.467	ug/l #	74
48) Methyl methacrylate	9.39	41	389906	1156.474	ug/l #	32
51) 4-Methyl-2-Pentanone	10.26	43	11811	38.159	ug/l #	85
52) Toluene	10.39	92	2280	1.175	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	655754	1302.130	ug/l #	22
56) Ethyl methacrylate	10.63	69	135383	237.795	ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.90	63	1336	4.948	ug/l #	41
59) 2-Hexanone	10.95	43	1434354	6712.661	ug/l #	29
60) Dibromochloromethane	11.06	129	4022	5.835	ug/l #	34
61) 1,2-Dibromoethane	11.25	107	2622	5.203	ug/l #	39
65) Chlorobenzene	11.66	112	845057	630.475	ug/l #	87
67) Ethyl Benzene	11.74	91	21797	9.162	ug/l #	88
69) o-Xylene	12.18	106	6810	7.957	ug/l #	1
70) Styrene	12.17	104	1545	1.108	ug/l #	1

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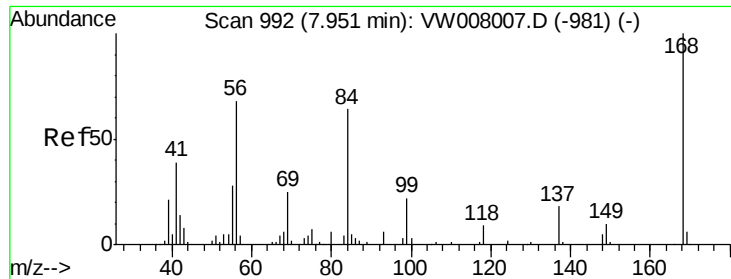
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.48	105	2250046	236.947	uq/l	98
74) N-amyl acetate	12.29	43	2973331	2011.508	uq/l #	66
75) 1,1,2,2-Tetrachloroethane	12.71	83	395258	327.132	uq/l #	26
76) 1,2,3-Trichloropropane	12.63	75	14143	14.887	uq/l	84
77) Bromobenzene	12.74	156	7021	3.440	uq/l #	1
78) n-propylbenzene	12.82	91	5577906	506.630	uq/l	99
79) 2-Chlorotoluene	12.82	91	5577906	876.589	uq/l #	51
80) 1,3,5-Trimethylbenzene	12.96	105	9817	1.201	uq/l #	30
81) trans-1,4-Dichloro-2-buten	12.48	75	32930	81.969	uq/l #	5
82) 4-Chlorotoluene	12.82	91	5577906	824.383	uq/l #	52
83) tert-Butylbenzene	13.22	119	161629	22.601	uq/l #	65
84) 1,2,4-Trimethylbenzene	13.40	105	4012544	484.650	uq/l #	33
85) sec-Butylbenzene	13.40	105	4012544	407.875	uq/l	84
86) p-Isopropyltoluene	13.67	119	498010	56.123	uq/l	85
87) 1,3-Dichlorobenzene	13.51	146	5592	1.358	uq/l #	1
88) 1,4-Dichlorobenzene	13.59	146	58557	14.362	uq/l #	1
89) n-Butylbenzene	13.84	91	1490785	183.674	uq/l	88
90) Hexachloroethane	14.11	117	221348	143.758	uq/l #	12
91) 1,2-Dichlorobenzene	13.88	146	8208	2.268	uq/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3007	12.262	uq/l #	2
96) 1,2,3-Trichlorobenzene	15.58	180	2296	1.098	uq/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

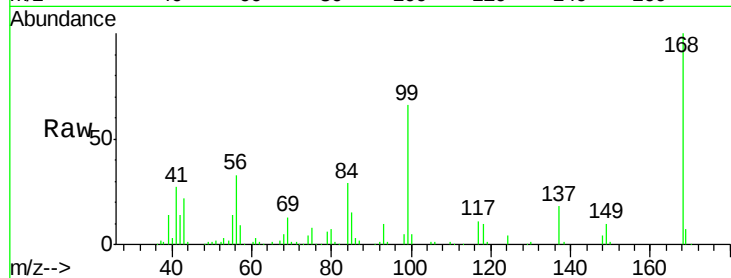
CPSB-16(10-15)

Tot Ion:168 Resp: 68489

Ion Ratio Lower Upper

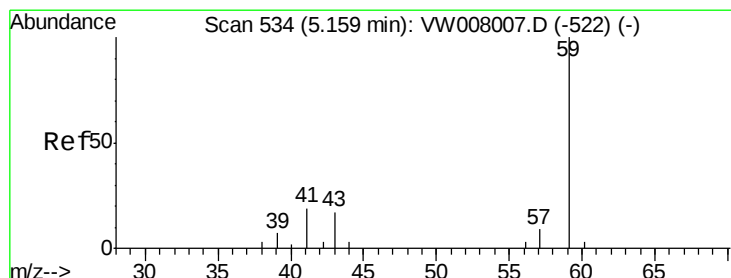
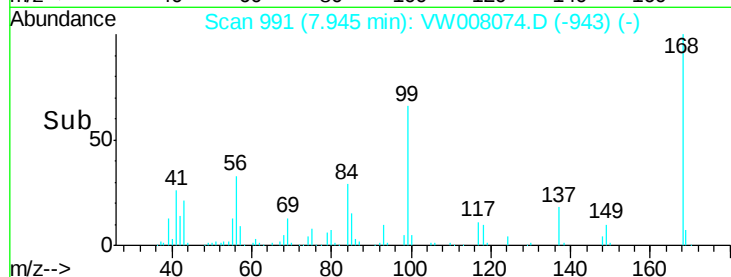
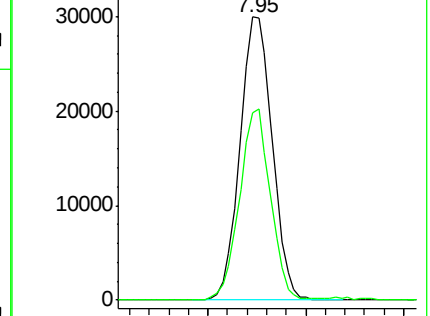
168 100

99 66.0 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: 13.614 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.05 min

Lab File: VW008074.D

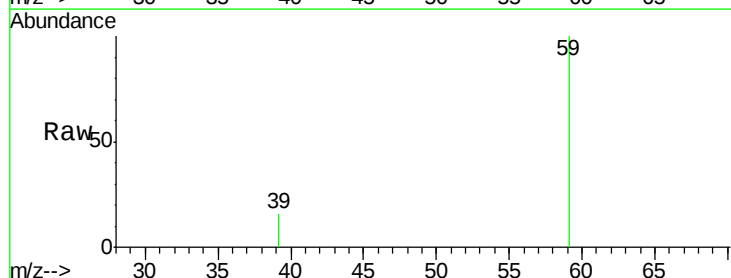
Acq: 07 Jan 2019 17:15

Tgt Ion: 59 Resp: 670

Ion Ratio Lower Upper

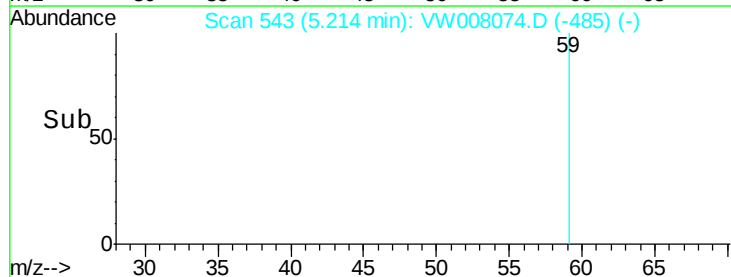
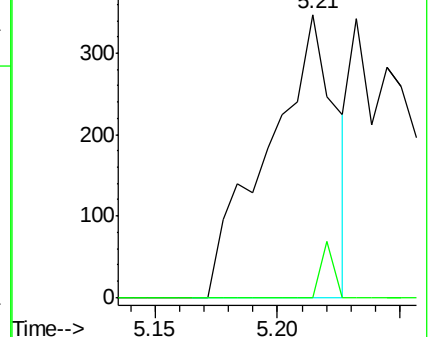
59 100

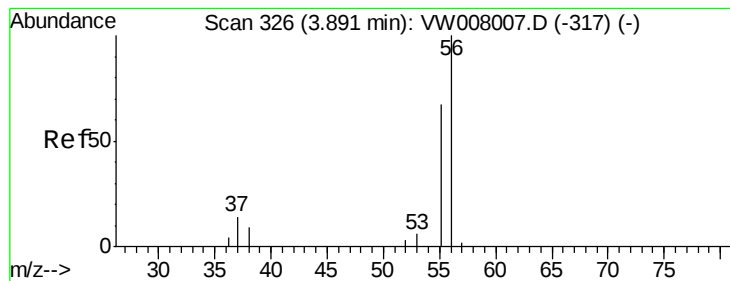
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.350 ug/l

RT: 4.10 min Scan# 361

Delta R.T. 0.21 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

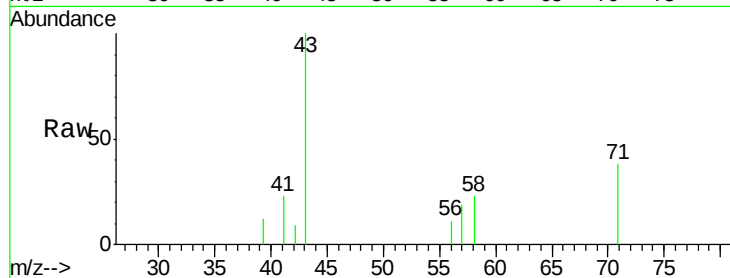
CPSB-16(10-15)

Tot Ion: 56 Resp: 45

Ion Ratio Lower Upper

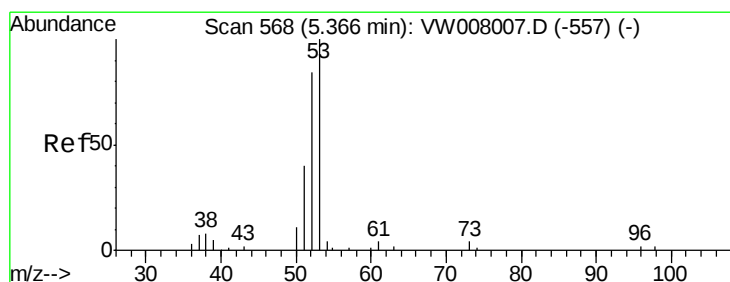
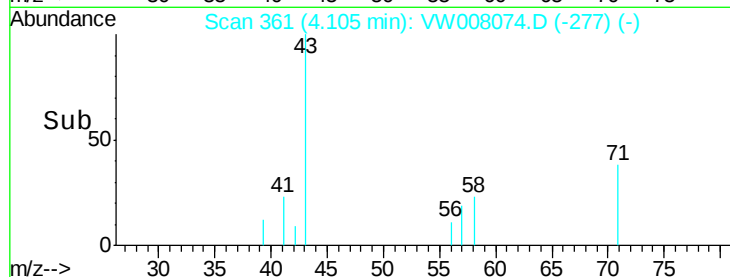
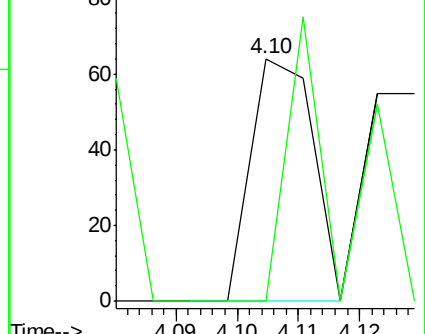
56 100

55 102.2 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#15

Acrylonitrile

Concen: 8.433 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.07 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

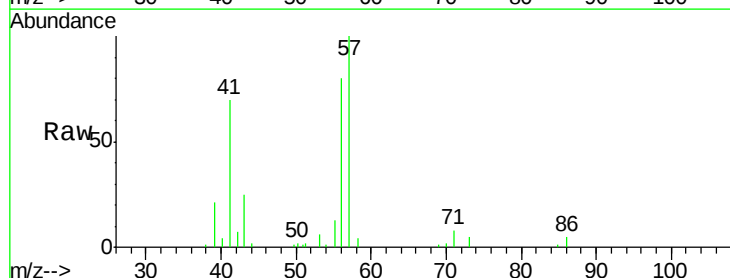
Tgt Ion: 53 Resp: 963

Ion Ratio Lower Upper

53 100

52 4.9 67.8 101.8#

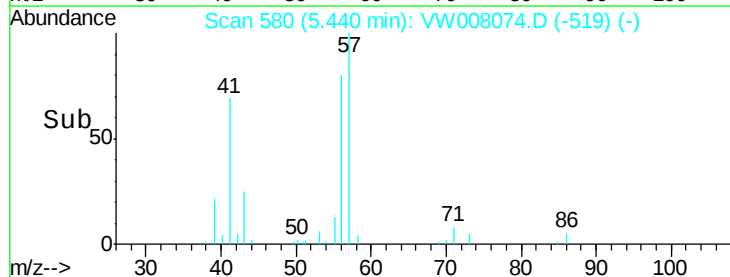
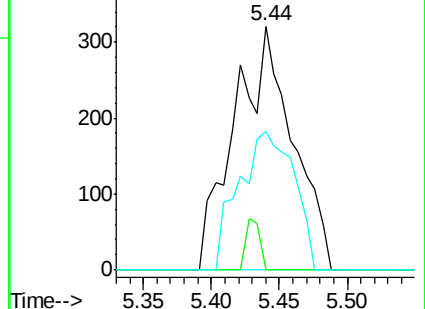
51 53.8 31.5 47.3#

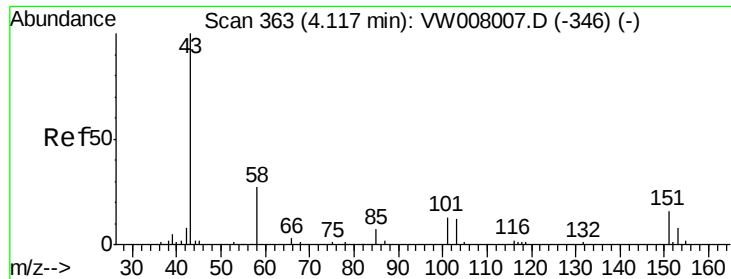


Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW

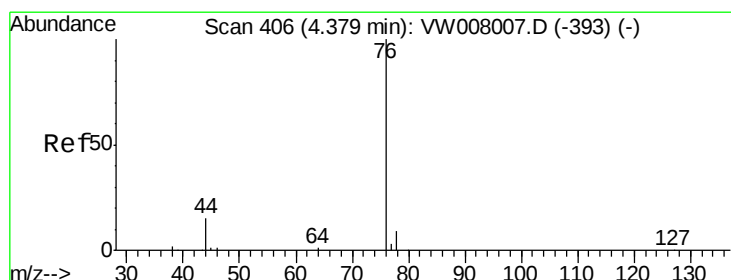
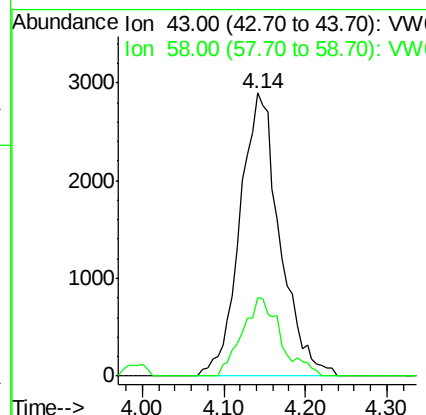
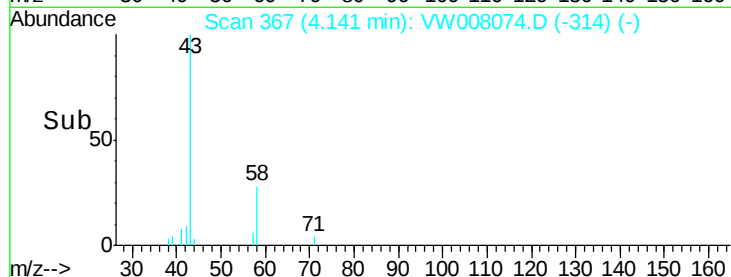
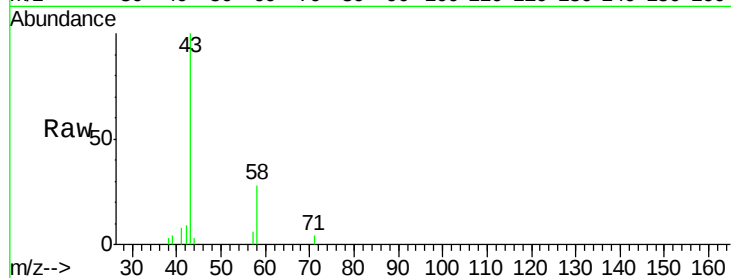




#16
Acetone
Concen: 83.872 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

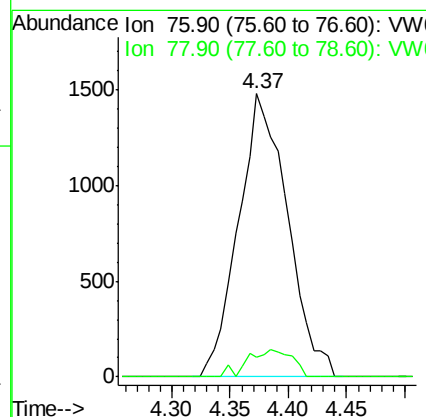
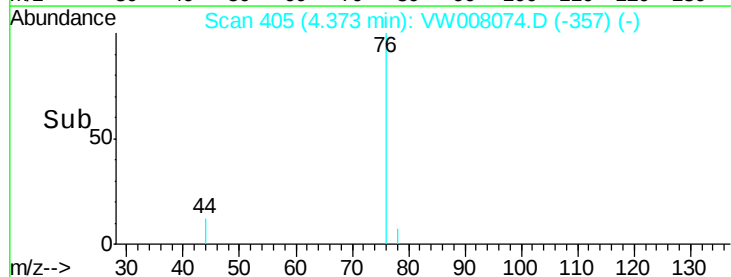
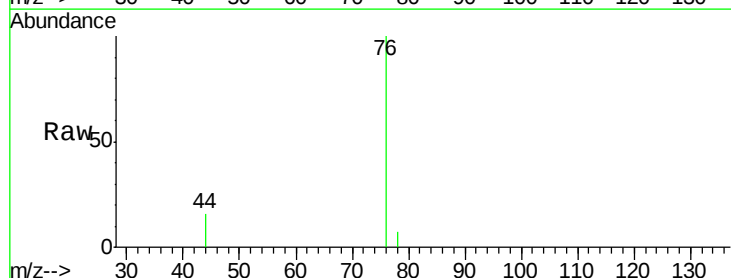
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CPSB-16(10-15)

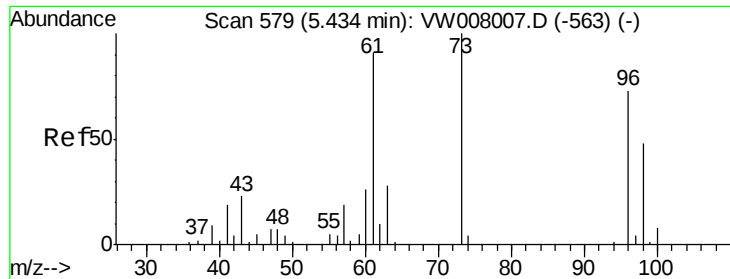
Tot Ion: 43 Resp: 9835
Ion Ratio Lower Upper
43 100
58 27.6 21.7 32.5



#17
Carbon Disulfide
Concen: 2.055 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

Tgt Ion: 76 Resp: 4317
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.4

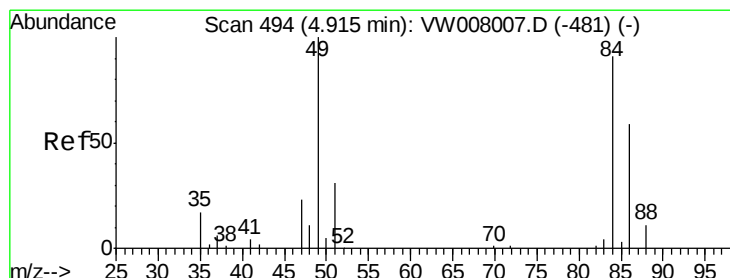
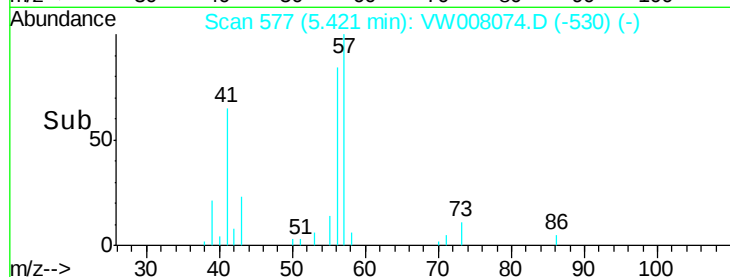
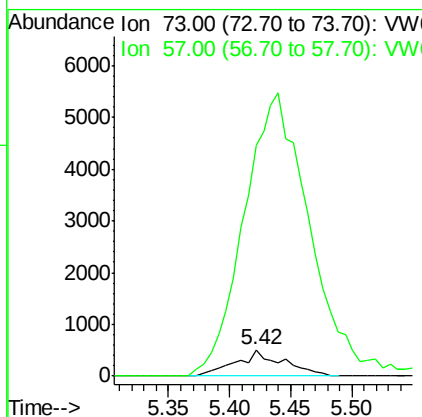
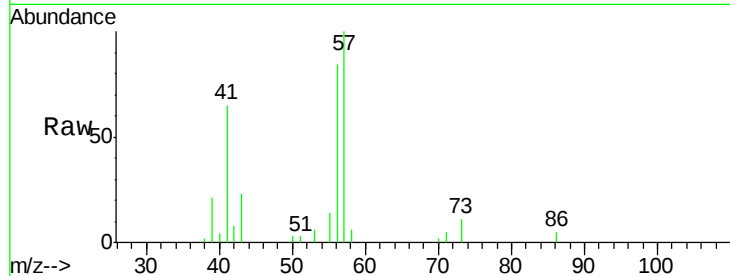




#19
Methyl tert-butyl Ether
Concen: 1.256 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

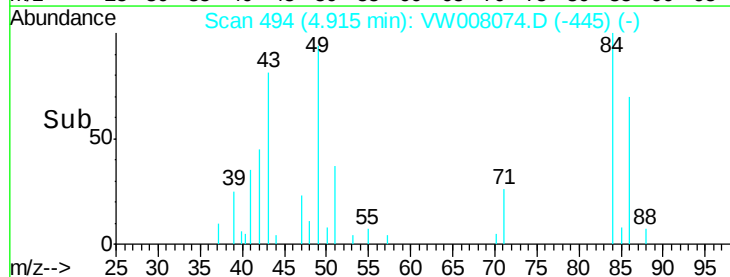
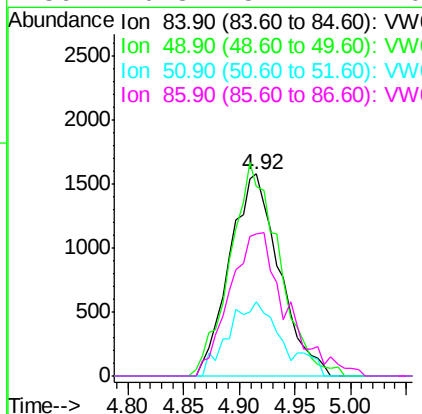
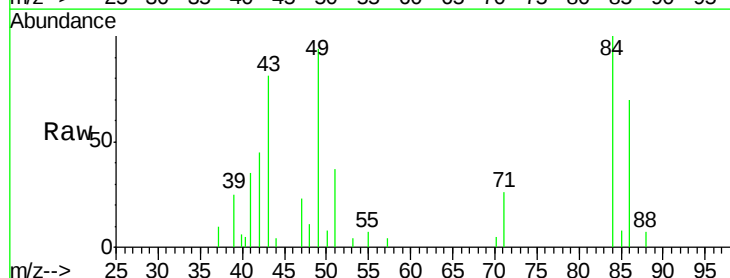
Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(10-15)

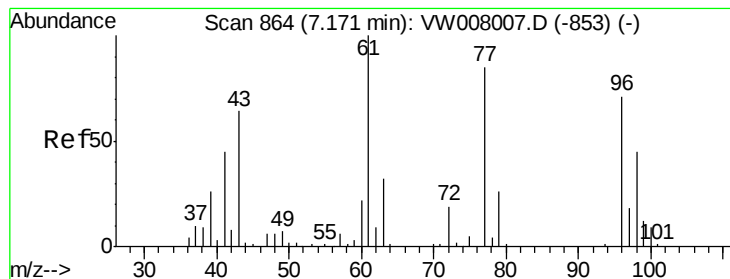
Tot Ion: 73 Resp: 1359
Ion Ratio Lower Upper
73 100
57 882.6 15.4 23.0#



#20
Methylene Chloride
Concen: 4.611 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

Tgt Ion: 84 Resp: 4895
Ion Ratio Lower Upper
84 100
49 93.6 87.7 131.5
51 37.0 27.3 40.9
86 70.3 51.4 77.0





#25

2-Butanone

Concen: 70.150 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

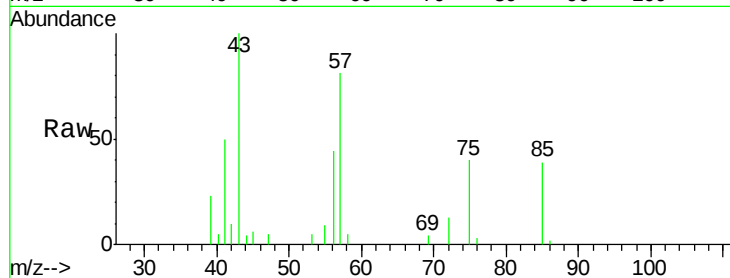
CPSB-16(10-15)

Tot Ion: 43 Resp: 9692

Ion Ratio Lower Upper

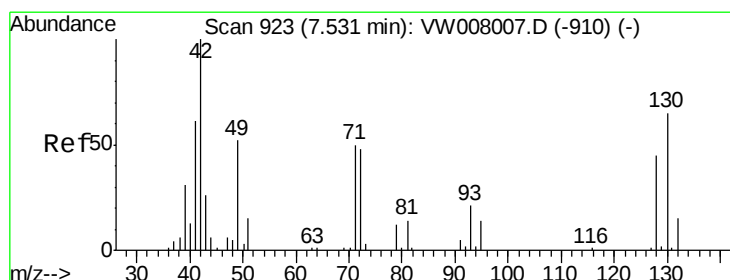
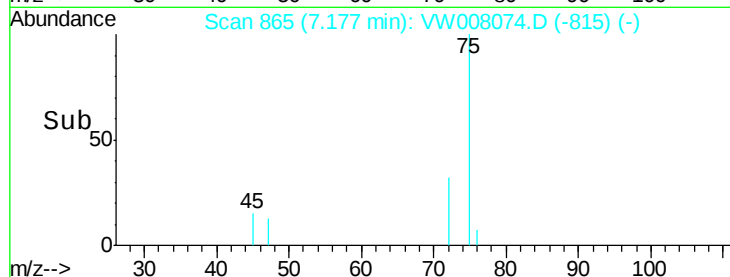
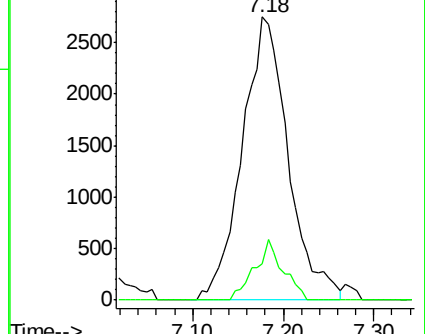
43 100

72 13.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 33.198 ug/l

RT: 7.70 min Scan# 951

Delta R.T. 0.17 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

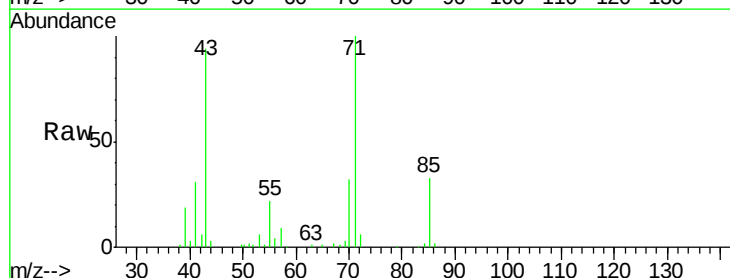
Tgt Ion: 42 Resp: 2849

Ion Ratio Lower Upper

42 100

72 105.7 39.0 58.6#

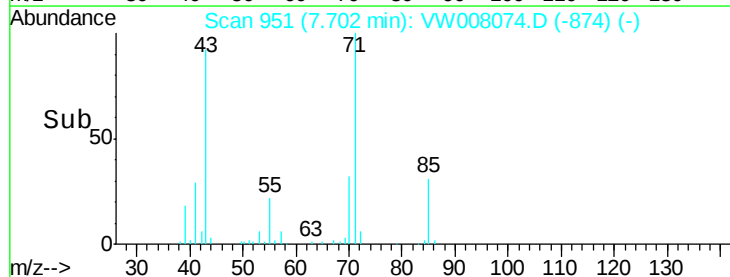
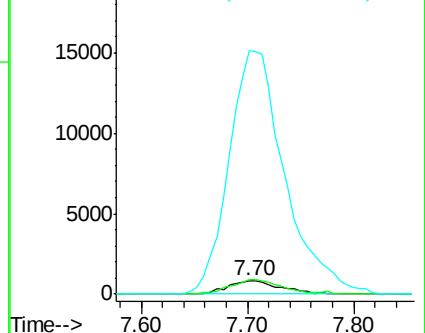
71 1941.2 39.1 58.7#

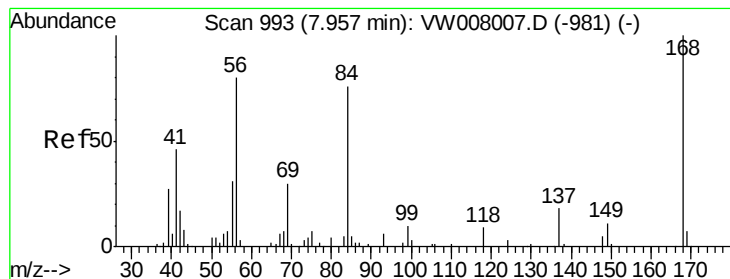


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 31.461 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

CPSB-16(10-15)

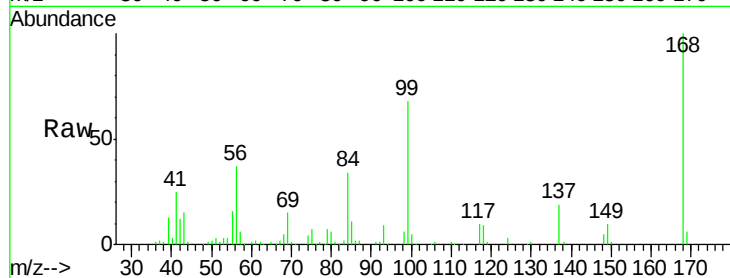
Tot Ion: 56 Resp: 36430

Ion Ratio Lower Upper

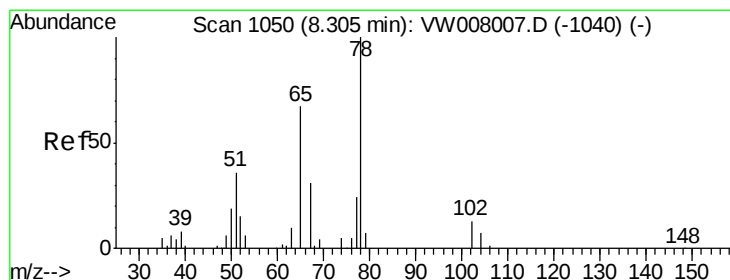
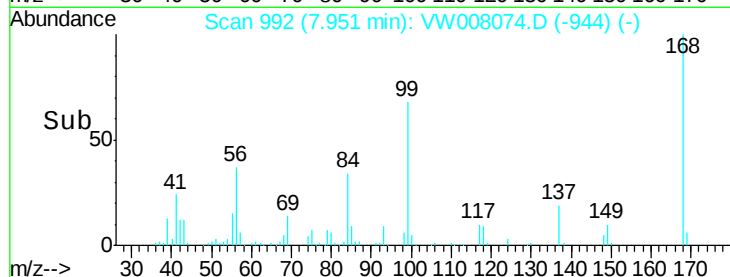
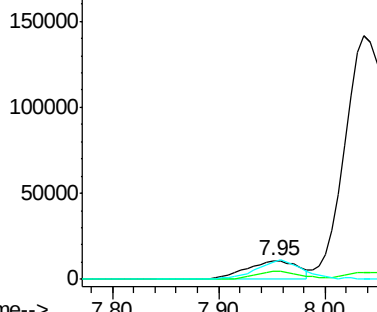
56 100

69 38.9 29.8 44.6

84 93.2 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: 60.563 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008074.D

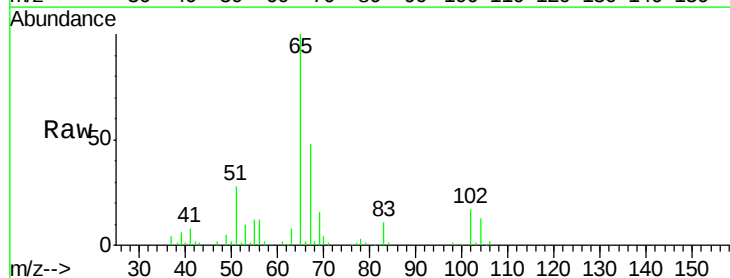
Acq: 07 Jan 2019 17:15

Tgt Ion: 65 Resp: 45878

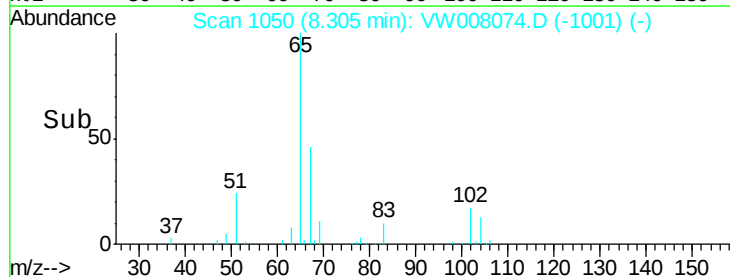
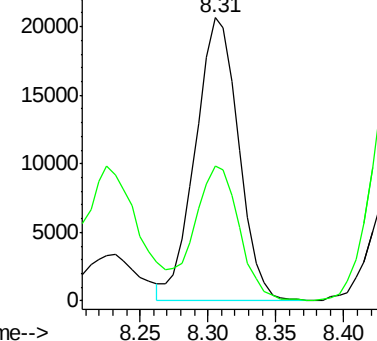
Ion Ratio Lower Upper

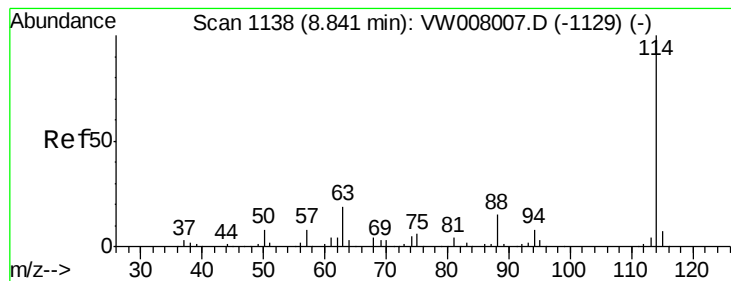
65 100

67 50.1 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: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

CPSB-16(10-15)

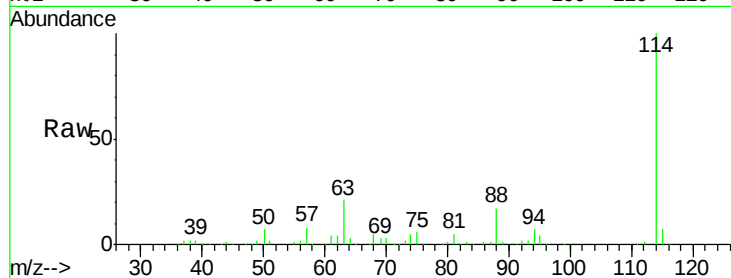
Tot Ion:114 Resp: 112941

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

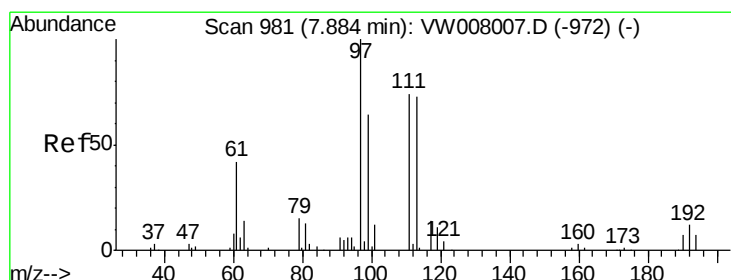
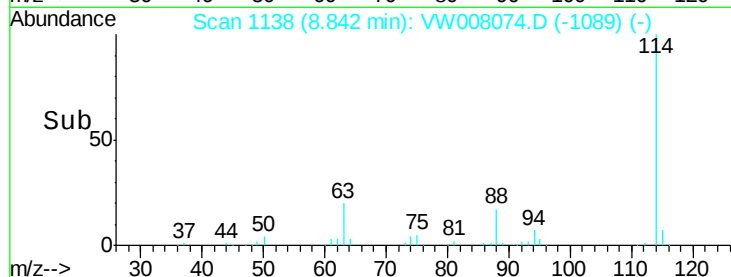
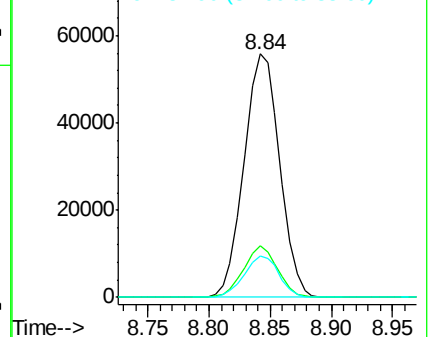
88 17.0 0.0 31.0



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: 51.935 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

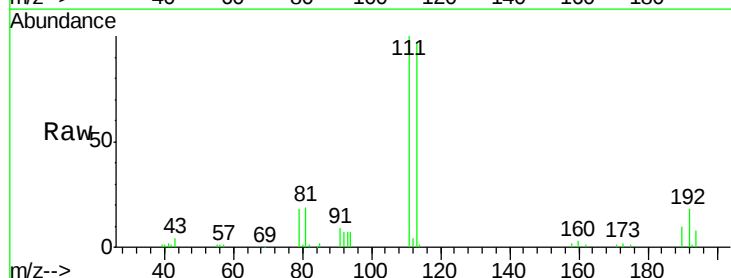
Tgt Ion:113 Resp: 36977

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

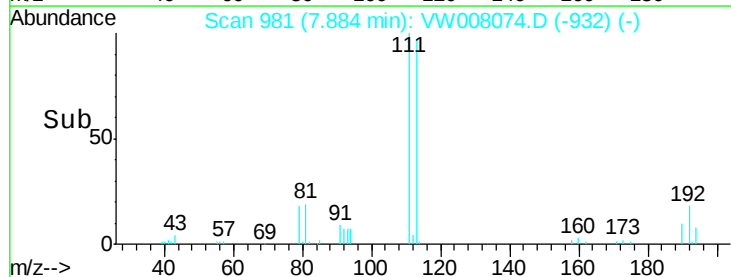
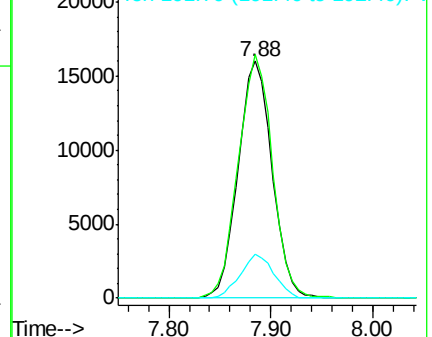
192 18.3 14.8 22.2

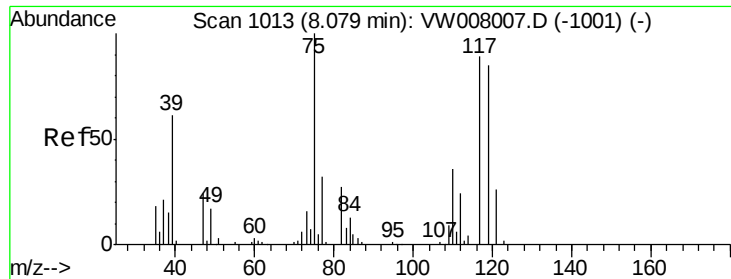


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

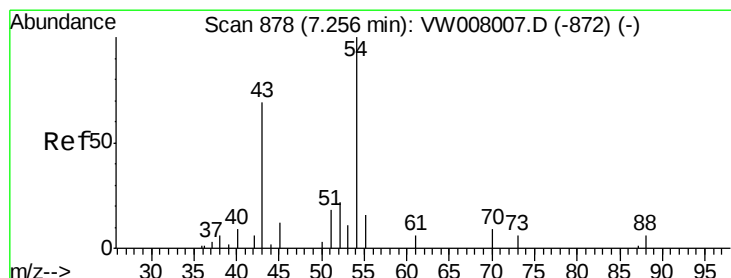
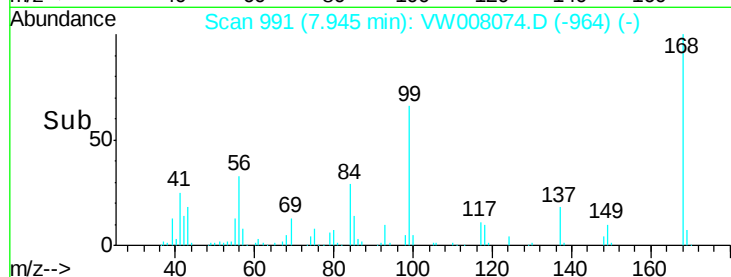
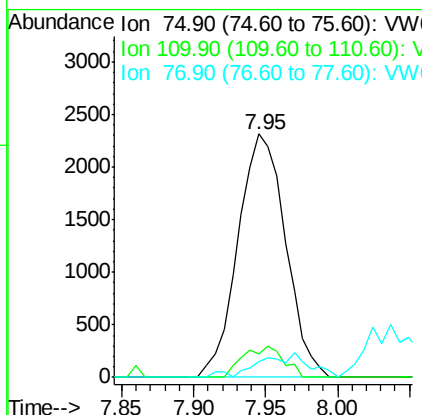
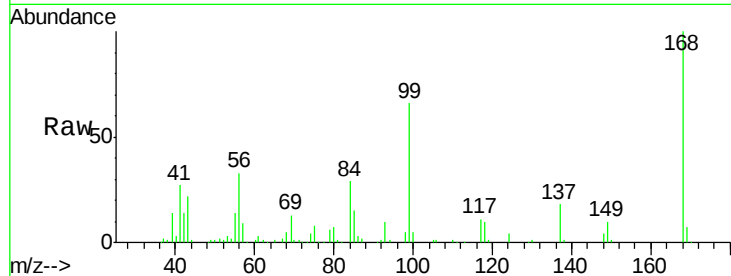




#36
 1,1-Dichloropropene
 Concen: 4.757 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

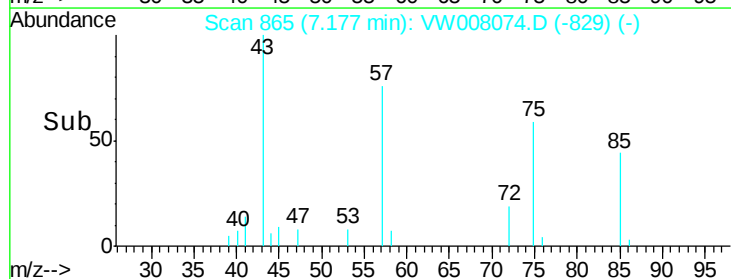
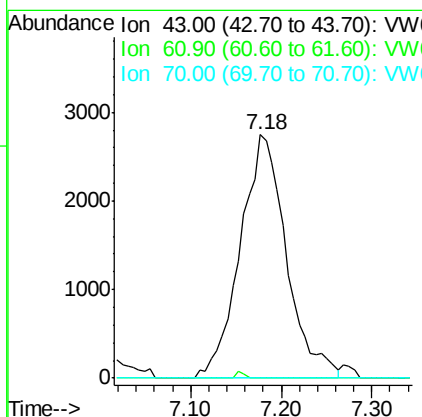
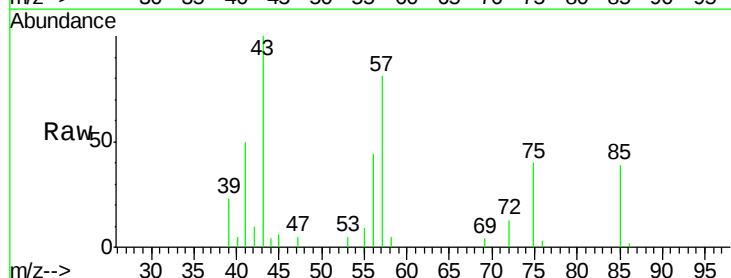
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(10-15)

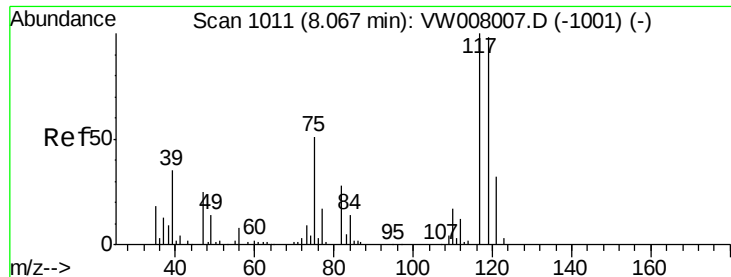
Tot Ion: 75 Resp: 5300
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 28.961 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

Tgt Ion: 43 Resp: 9692
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 5.476 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

CPSB-16(10-15)

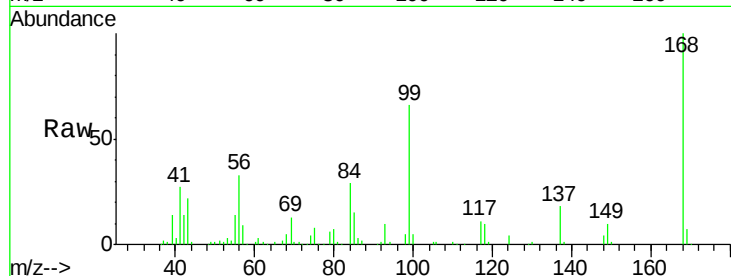
Tot Ion:117 Resp: 7312

Ion Ratio Lower Upper

117 100

119 5.4 78.7 118.1#

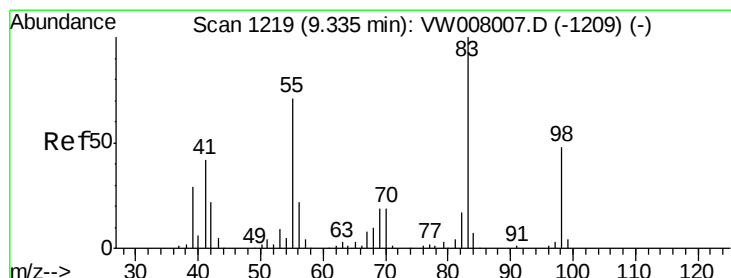
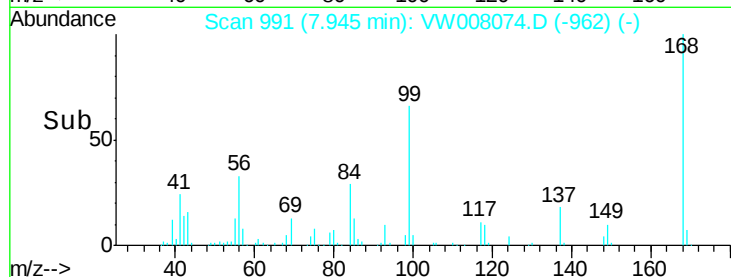
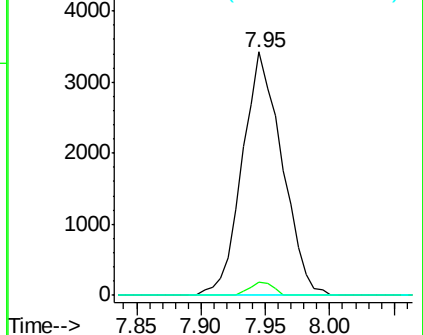
121 0.0 25.8 38.8#



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: 1073.612 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

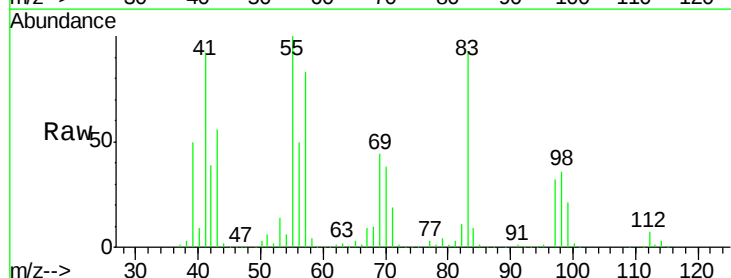
Tgt Ion: 83 Resp: 1490966

Ion Ratio Lower Upper

83 100

55 107.6 56.8 85.2#

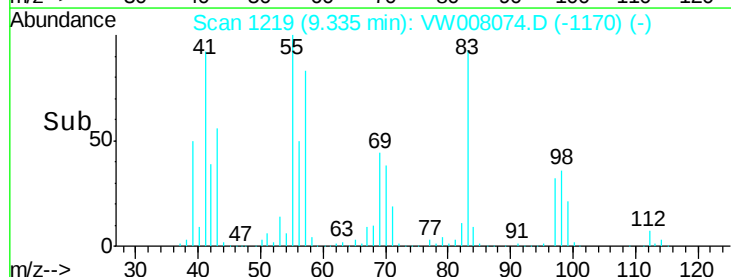
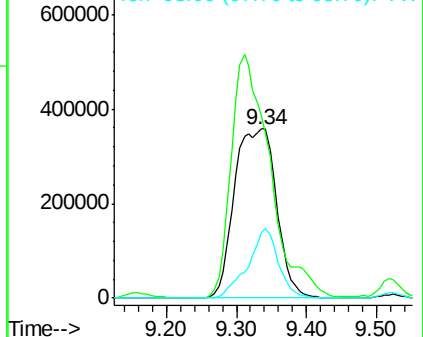
98 38.5 38.6 58.0#

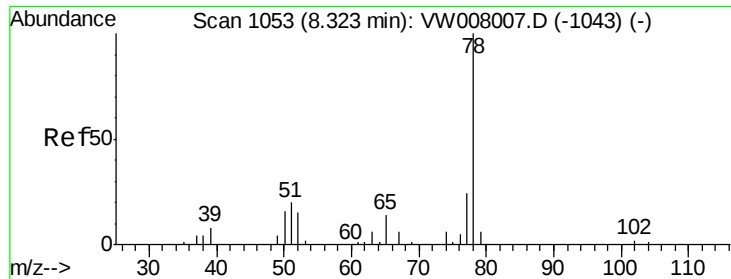


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 1.433 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

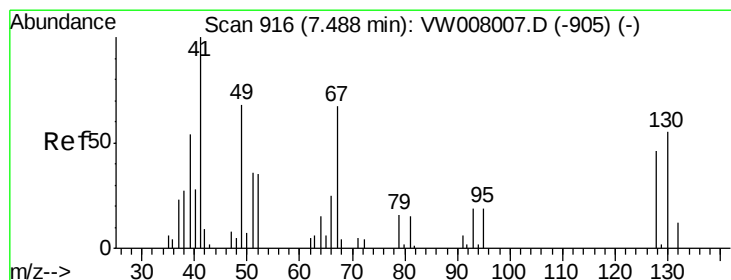
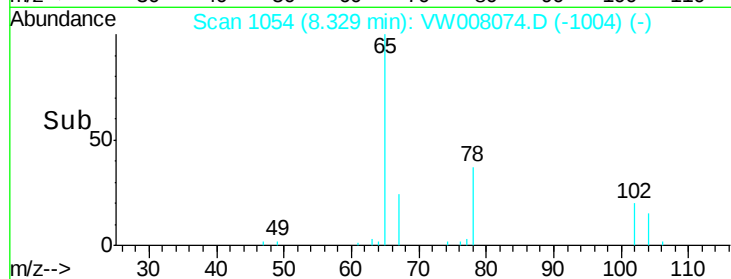
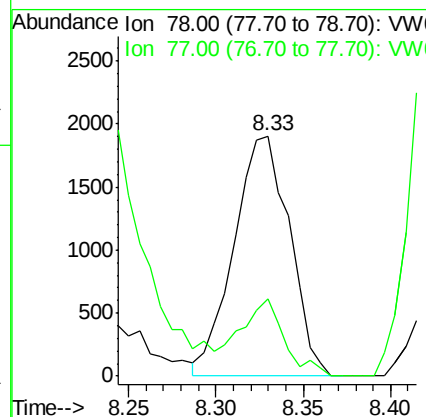
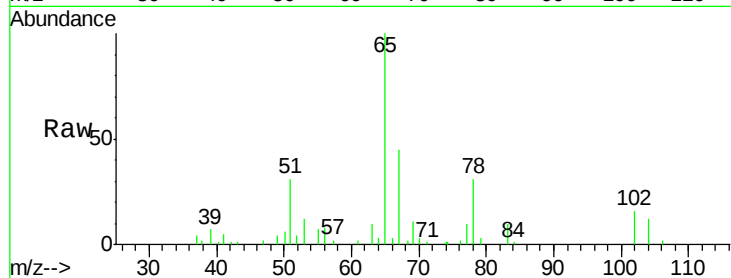
CPSB-16(10-15)

Tot Ion: 78 Resp: 4211

Ion Ratio Lower Upper

78 100

77 32.0 19.0 28.6#



#41

Methacrylonitrile

Concen: 85.468 ug/l

RT: 7.71 min Scan# 952

Delta R.T. 0.22 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Tgt Ion: 41 Resp: 16817

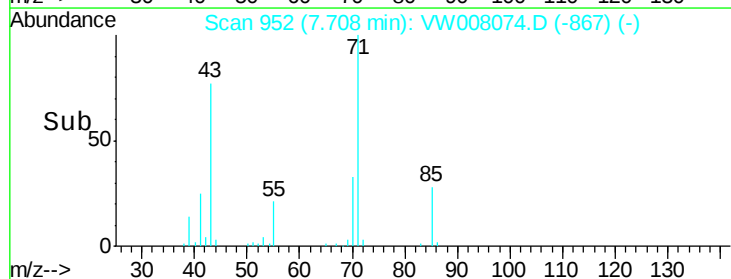
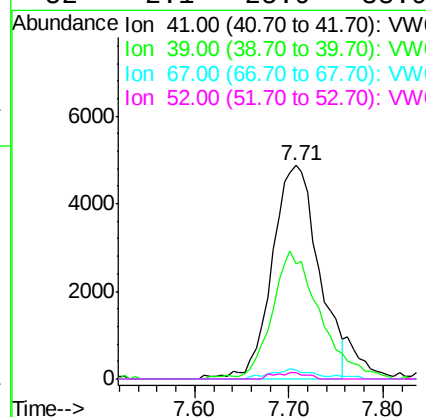
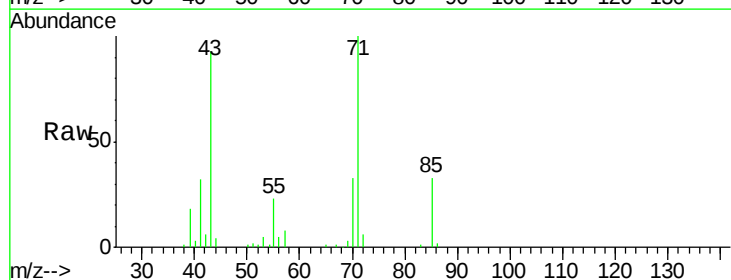
Ion Ratio Lower Upper

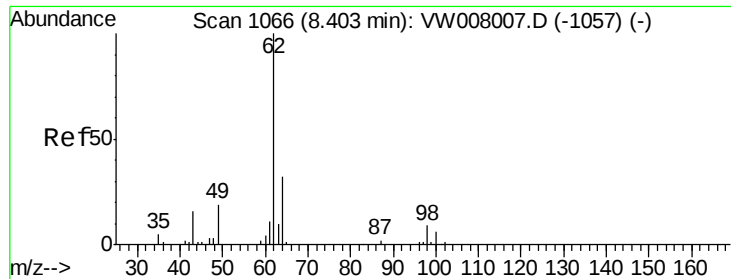
41 100

39 56.1 48.6 72.8

67 4.2 55.6 83.4#

52 2.1 25.9 38.9#

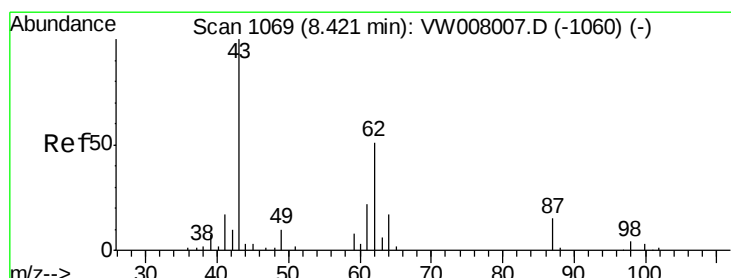
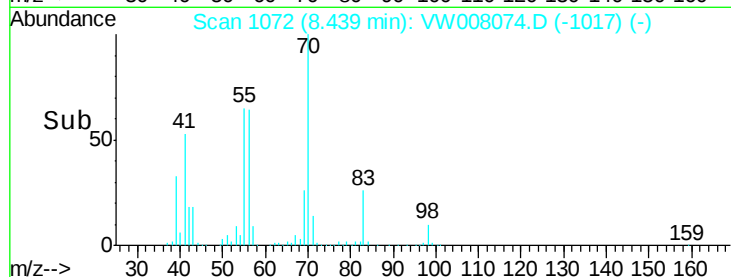
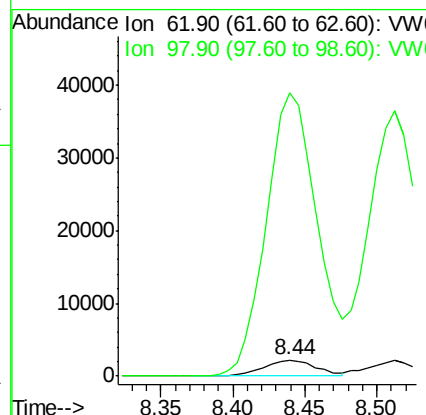
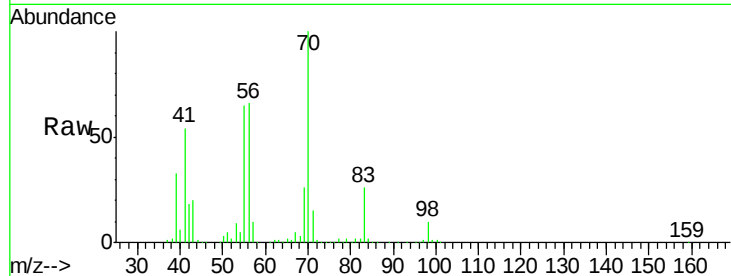




#42
 1,2-Dichloroethane
 Concen: 5.866 ug/l
 RT: 8.44 min Scan# 1072
 Delta R.T. 0.04 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

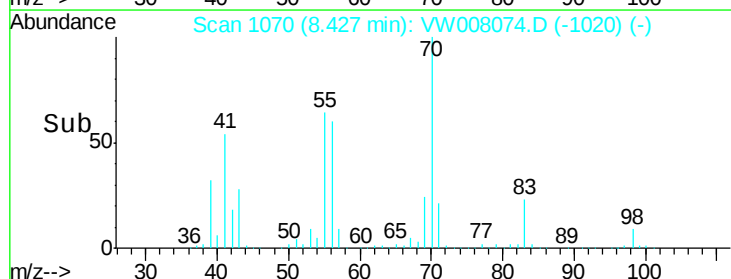
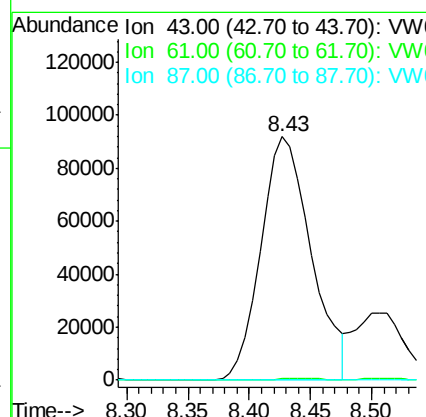
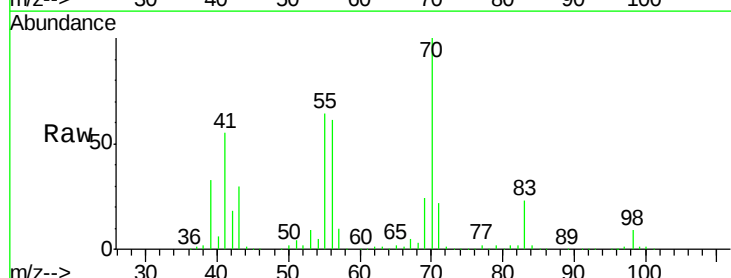
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(10-15)

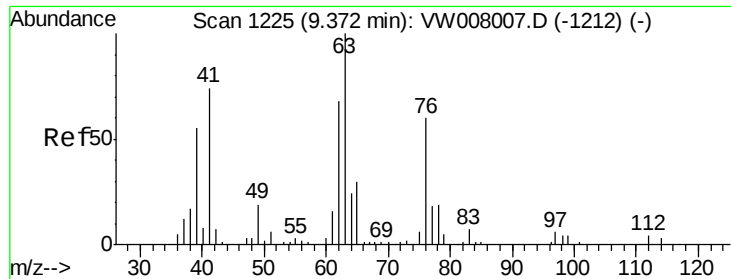
Tot Ion: 62 Resp: 5744
 Ion Ratio Lower Upper
 62 100
 98 1672.2 0.0 15.6#



#43
 Isopropyl Acetate
 Concen: 393.908 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

Tgt Ion: 43 Resp: 263393
 Ion Ratio Lower Upper
 43 100
 61 0.8 26.4 39.6#
 87 0.0 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 46.278 ug/l

RT: 9.31 min Scan# 1215

Delta R.T. -0.06 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

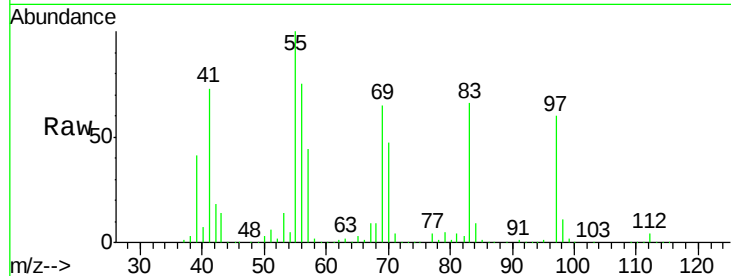
CPSB-16(10-15)

Tot Ion: 63 Resp: 29441

Ion Ratio Lower Upper

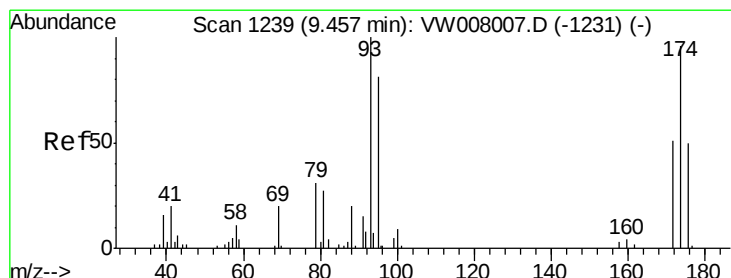
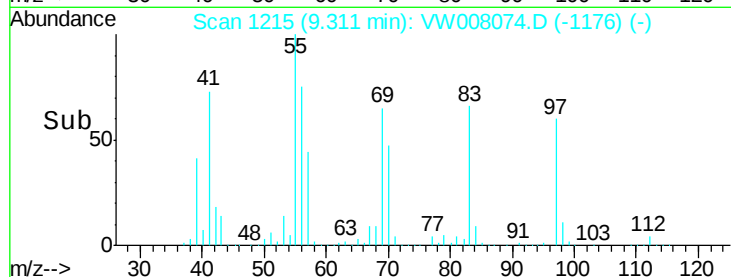
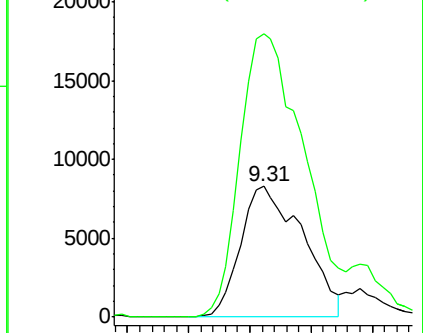
63 100

65 216.7 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 10.671 ug/l

RT: 9.31 min Scan# 1215

Delta R.T. -0.15 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

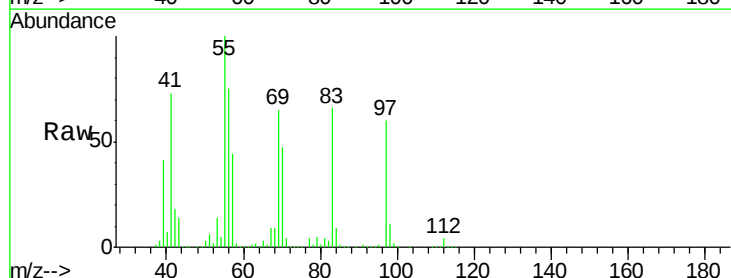
Tgt Ion: 93 Resp: 3969

Ion Ratio Lower Upper

93 100

95 322.2 63.9 95.9#

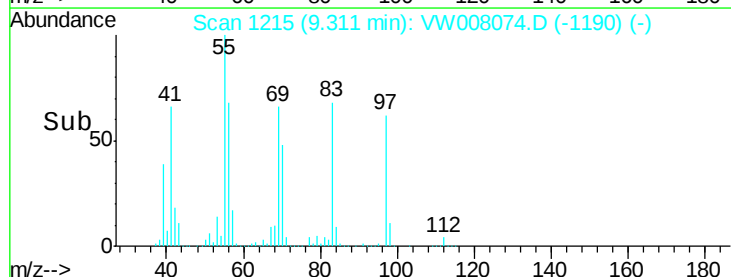
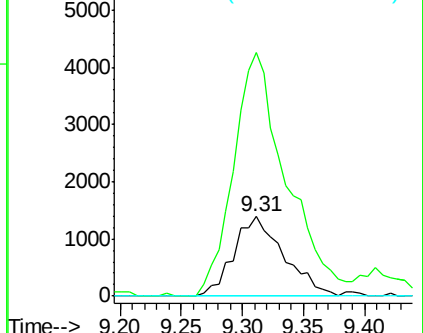
174 0.0 79.0 118.6#

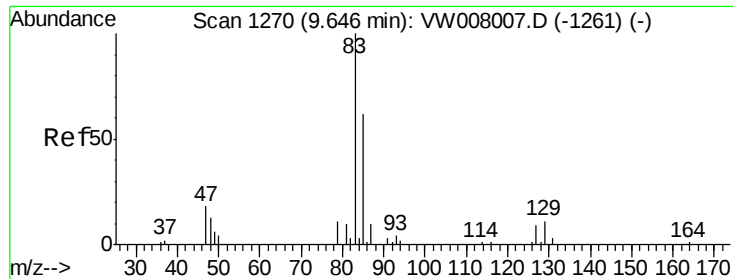


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 84.467 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.03 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

CPSB-16(10-15)

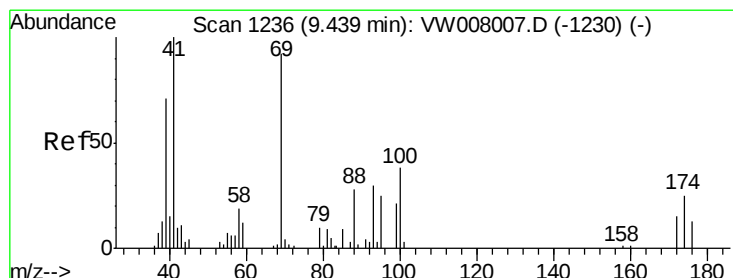
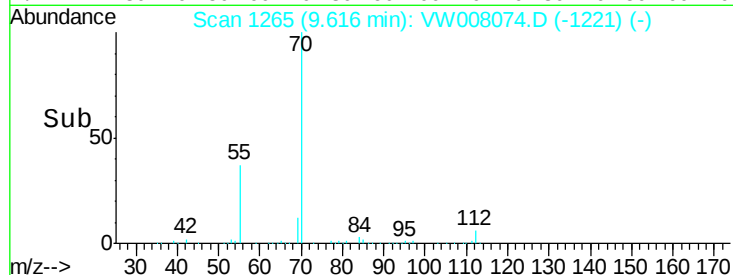
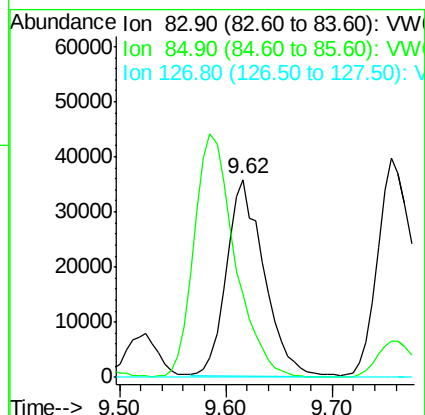
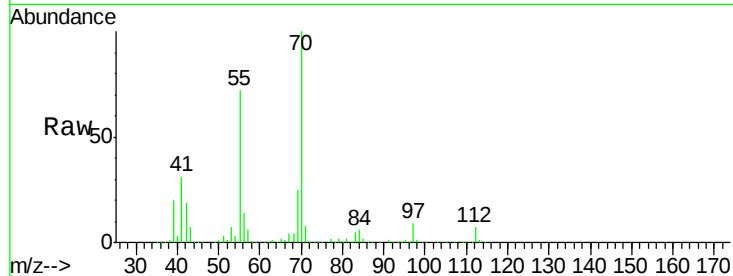
Tot Ion: 83 Resp: 87997

Ion Ratio Lower Upper

83 100

85 42.2 49.5 74.3#

127 0.0 7.5 11.3#



#48

Methyl methacrylate

Concen: 1156.474 ug/l

RT: 9.39 min Scan# 1228

Delta R.T. -0.05 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

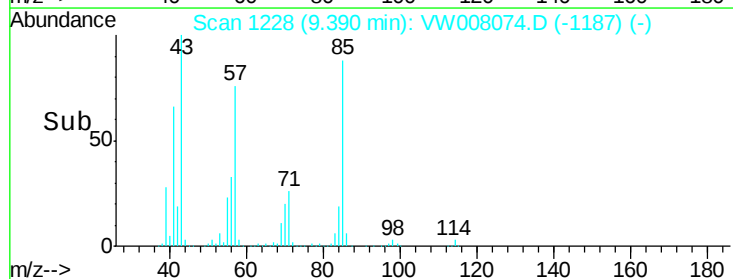
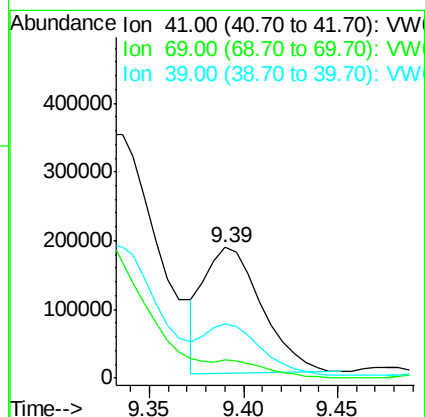
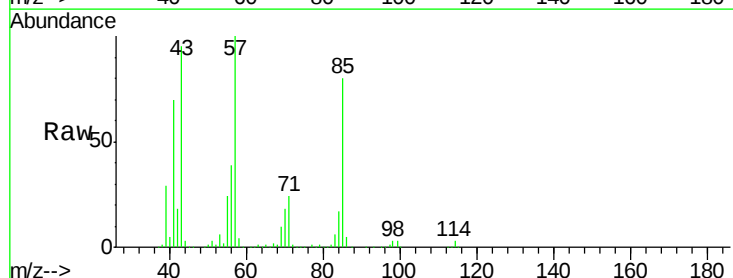
Tgt Ion: 41 Resp: 389906

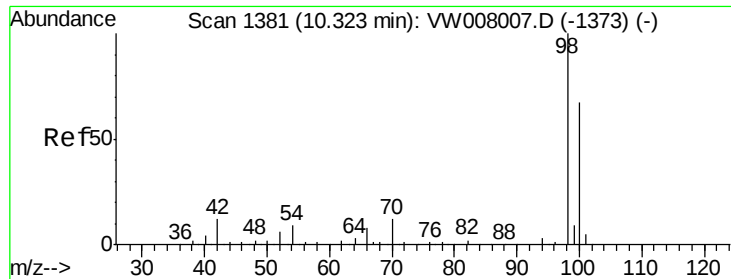
Ion Ratio Lower Upper

41 100

69 0.0 72.3 108.5#

39 45.6 58.7 88.1#





#50

Toluene-d8

Concen: 82.739 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

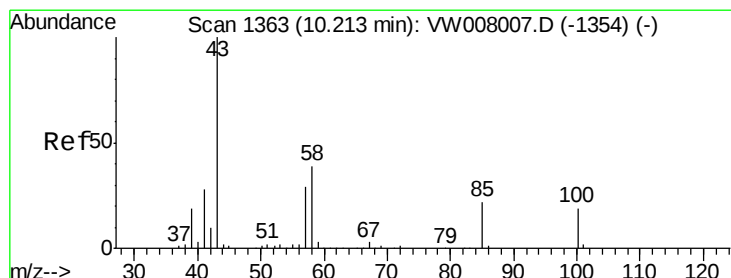
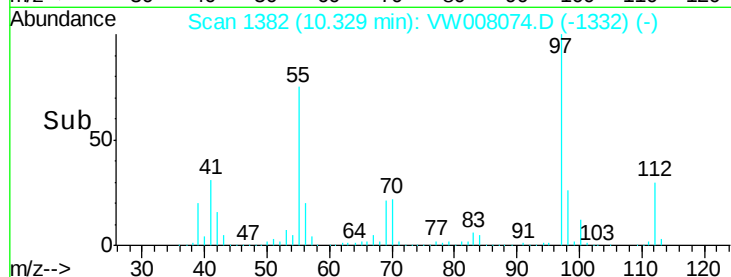
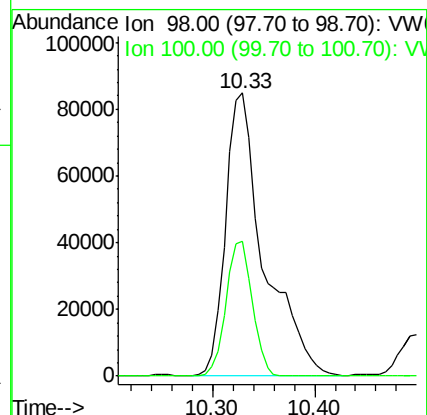
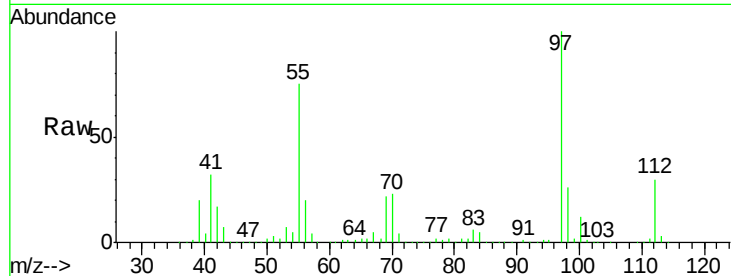
CPSB-16(10-15)

Tot Ion: 98 Resp: 220981

Ion Ratio Lower Upper

98 100

100 32.7 52.9 79.3#



#51

4-Methyl-2-Pentanone

Concen: 38.159 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VW008074.D

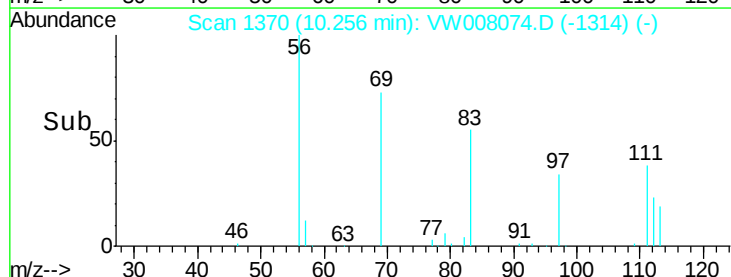
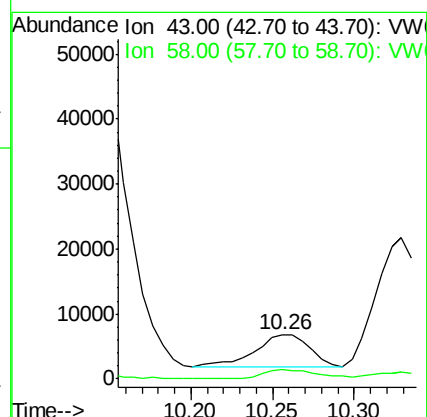
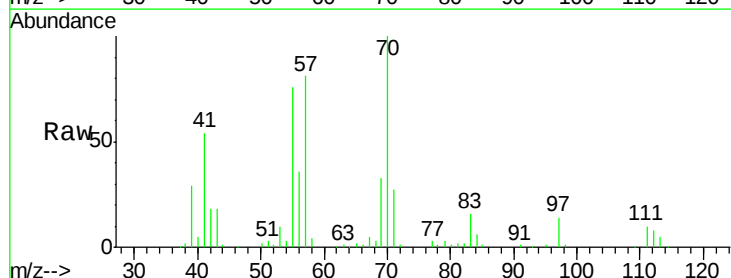
Acq: 07 Jan 2019 17:15

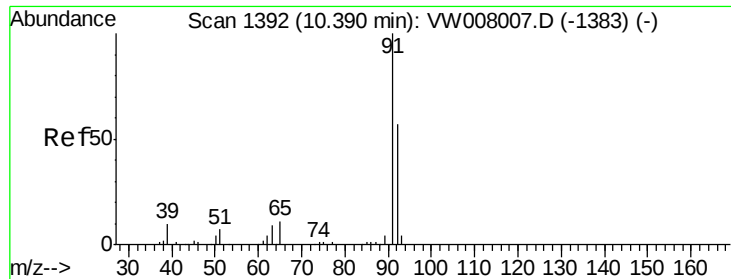
Tgt Ion: 43 Resp: 11811

Ion Ratio Lower Upper

43 100

58 31.0 32.0 48.0#





#52

Toluene

Concen: 1.175 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

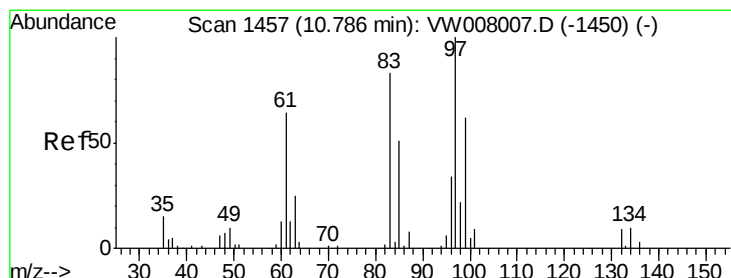
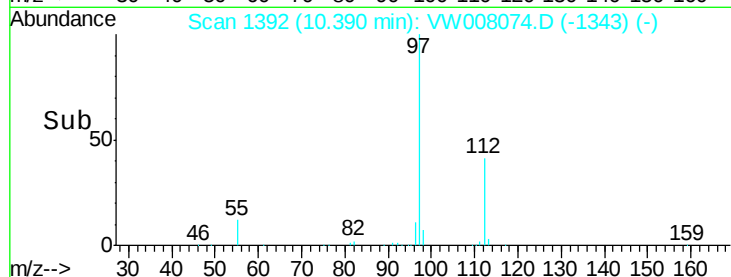
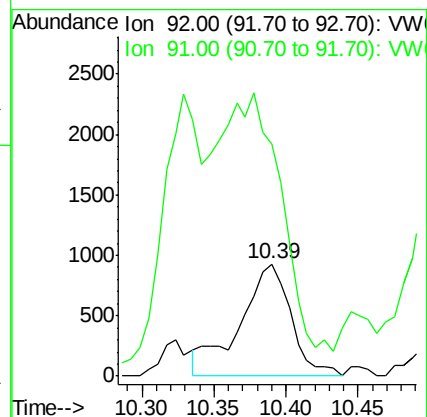
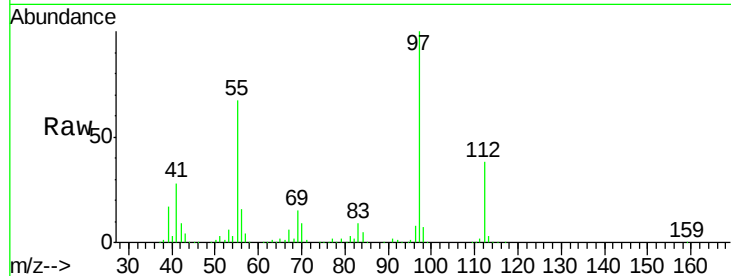
CPSB-16(10-15)

Tot Ion: 92 Resp: 2280

Ion Ratio Lower Upper

92 100

91 0.0 136.9 205.3#



#55

1,1,2-Trichloroethane

Concen: 1302.130 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Tgt Ion: 97 Resp: 655754

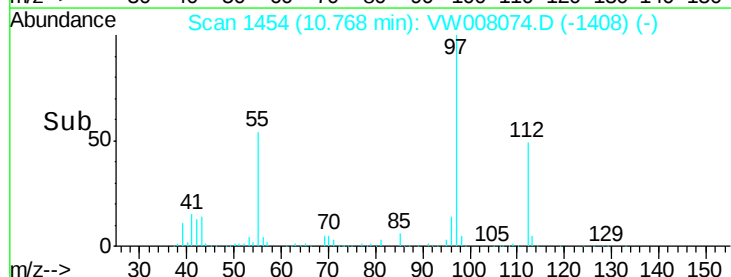
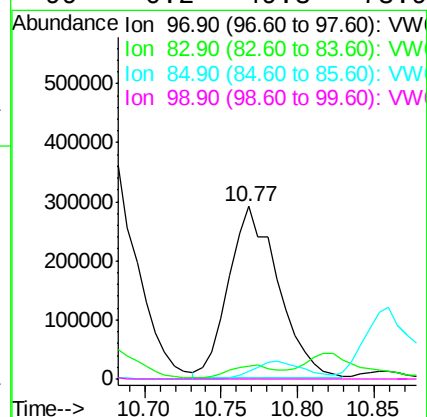
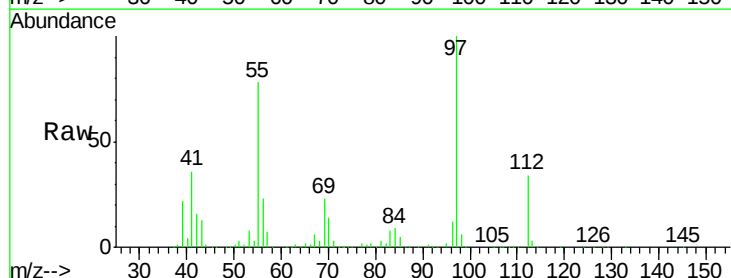
Ion Ratio Lower Upper

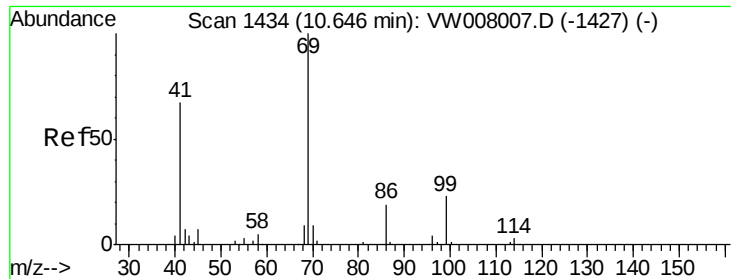
97 100

83 7.4 66.2 99.2#

85 4.8 41.0 61.4#

99 0.2 49.3 73.9#





#56

Ethyl methacrylate

Concen: 237.795 ug/l

RT: 10.63 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampled :

CPSB-16(10-15)

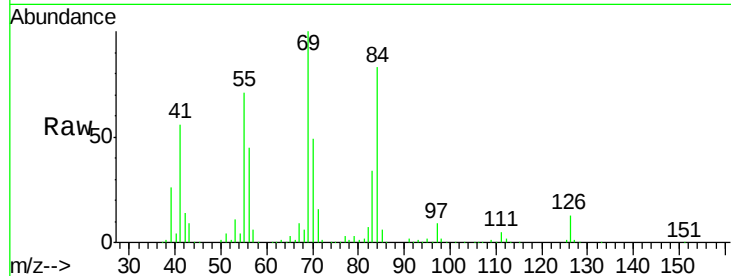
Tot Ion: 69 Resp: 135383

Ion Ratio Lower Upper

69 100

41 0.0 52.6 79.0#

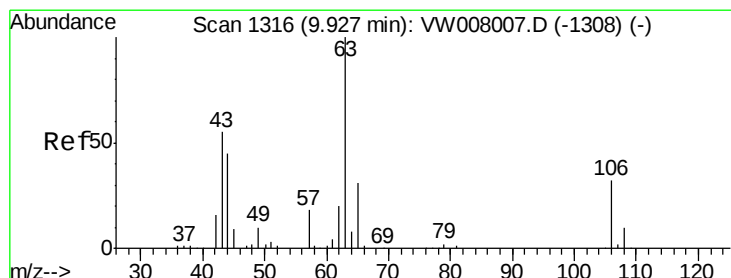
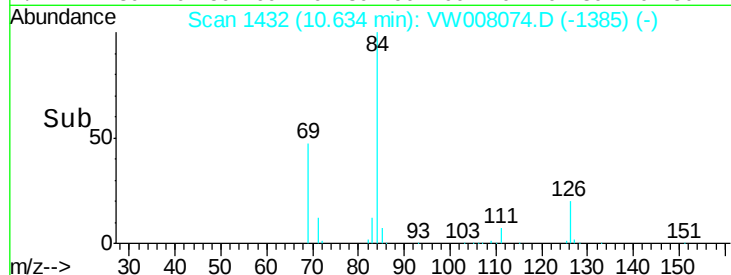
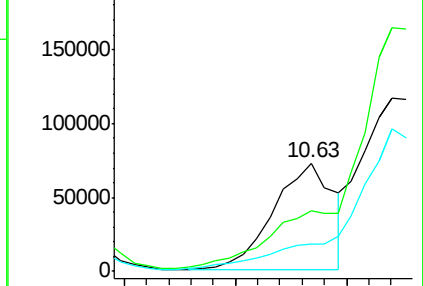
39 0.0 35.8 53.6#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#58

2-Chloroethyl Vinyl ether

Concen: 4.948 ug/l

RT: 9.90 min Scan# 1312

Delta R.T. -0.02 min

Lab File: VW008074.D

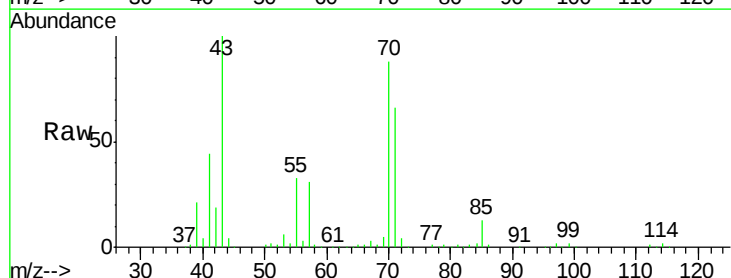
Acq: 07 Jan 2019 17:15

Tgt Ion: 63 Resp: 1336

Ion Ratio Lower Upper

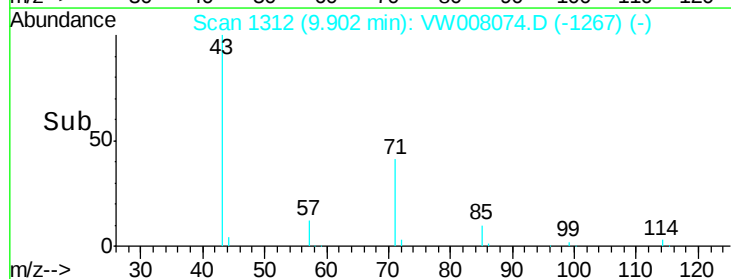
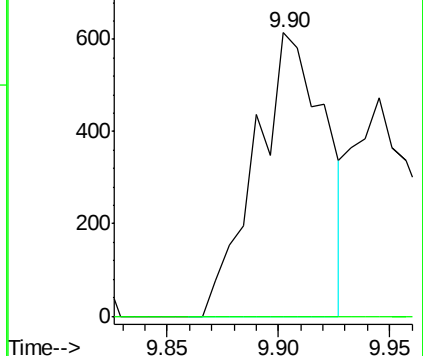
63 100

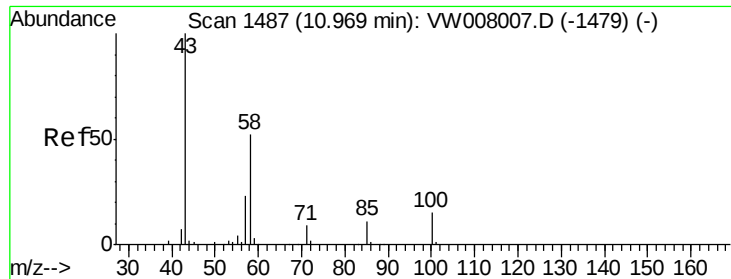
106 0.0 26.9 40.3#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

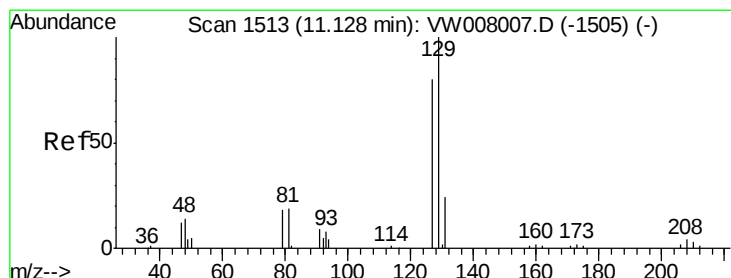
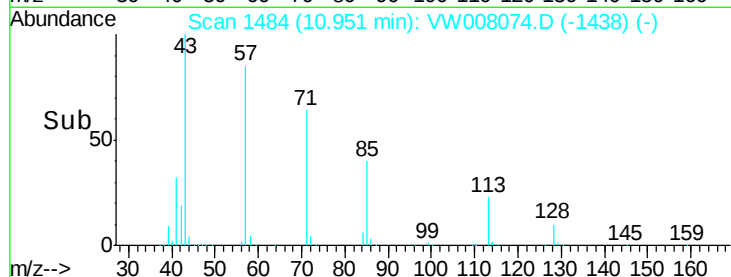
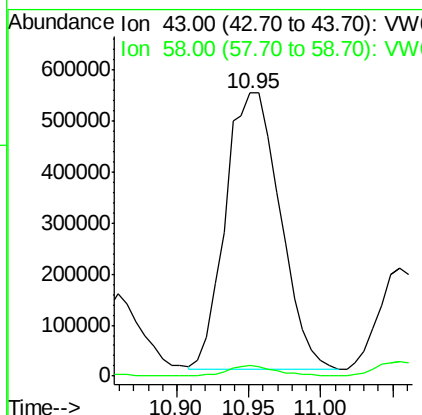
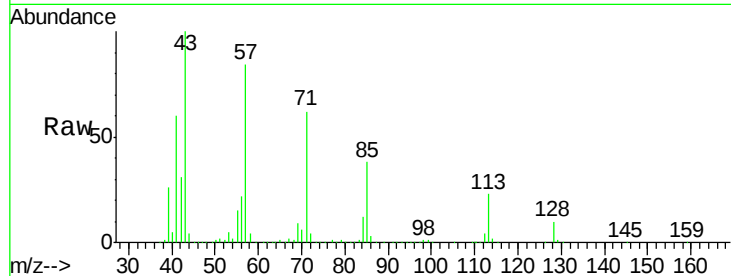




#59
2-Hexanone
Concen: 6712.661 ug/l
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

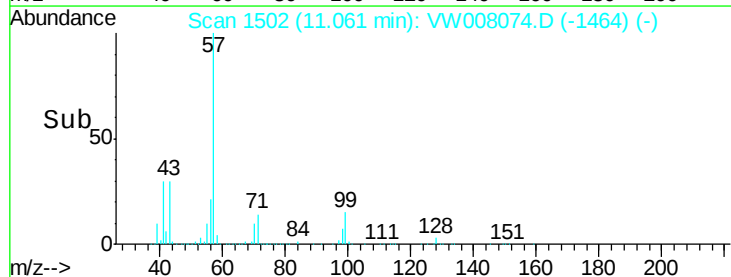
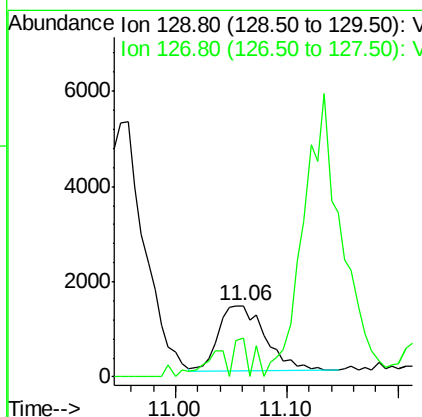
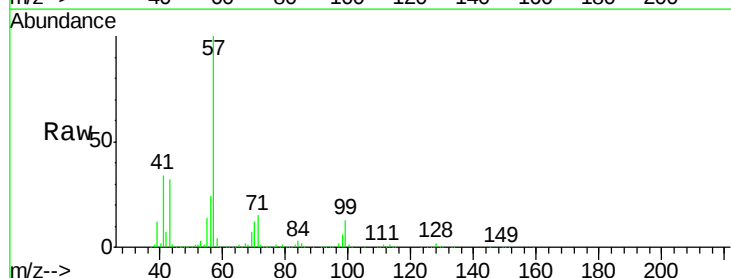
Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(10-15)

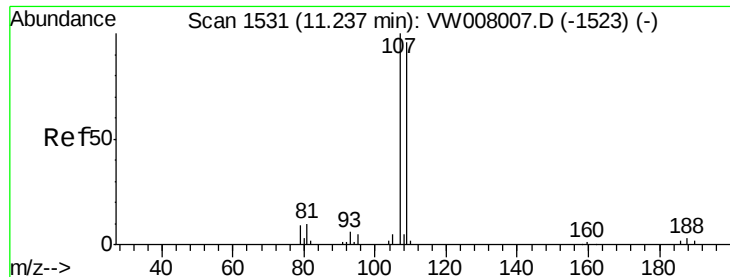
Tot Ion: 43 Resp: 1434354
Ion Ratio Lower Upper
43 100
58 3.5 27.1 81.2#



#60
Dibromochloromethane
Concen: 5.835 ug/l
RT: 11.06 min Scan# 1502
Delta R.T. -0.07 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

Tgt Ion: 129 Resp: 4022
Ion Ratio Lower Upper
129 100
127 20.6 38.6 116.0#





#61

1,2-Dibromoethane

Concen: 5.203 ug/l

RT: 11.25 min Scan# 1533

Delta R.T. 0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

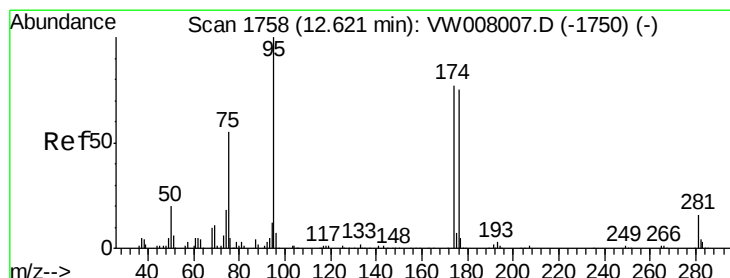
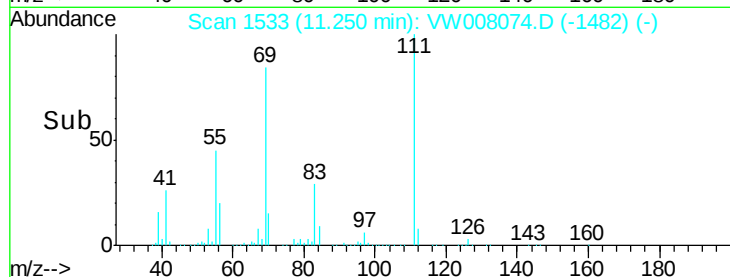
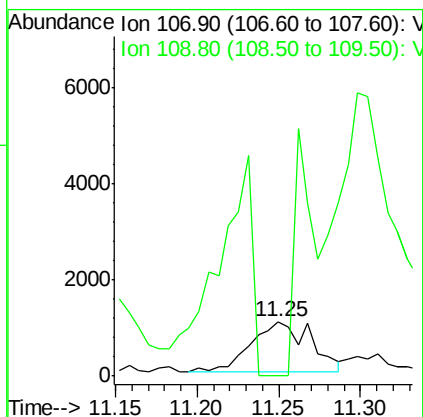
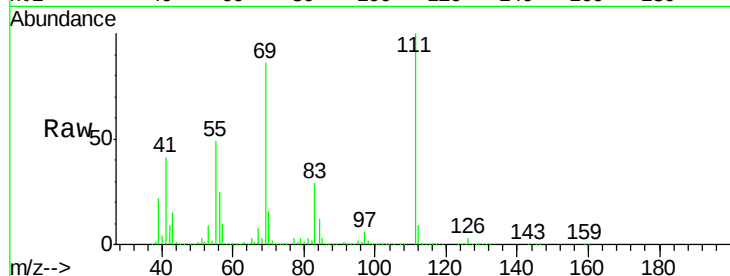
CPSB-16(10-15)

Tot Ion:107 Resp: 2622

Ion Ratio Lower Upper

107 100

109 155.8 77.2 115.8#



#62

4-Bromofluorobenzene

Concen: 351.622 ug/l

RT: 12.64 min Scan# 1761

Delta R.T. 0.02 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

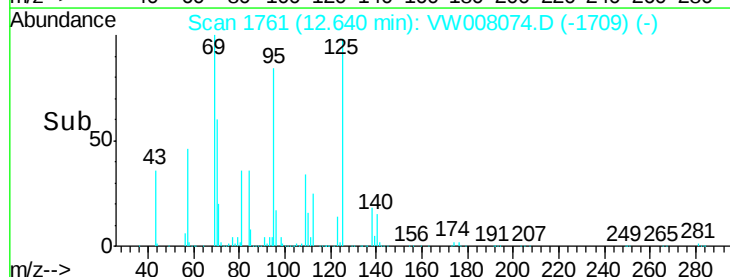
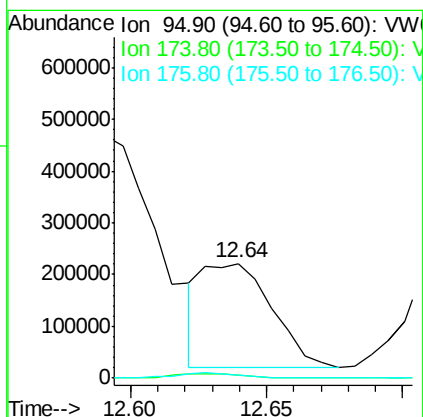
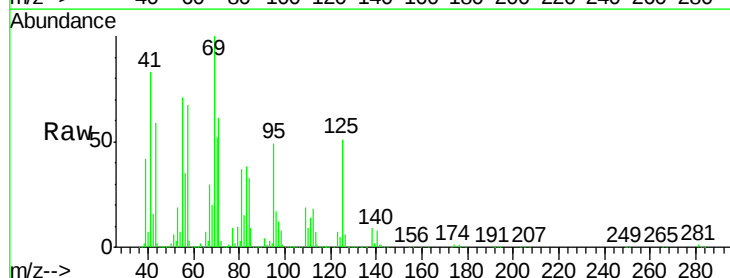
Tgt Ion: 95 Resp: 360159

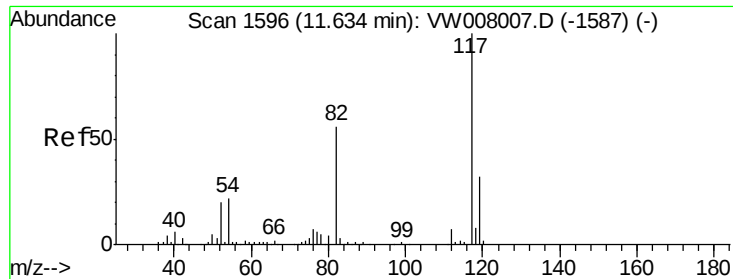
Ion Ratio Lower Upper

95 100

174 4.3 0.0 149.6

176 4.5 0.0 145.4

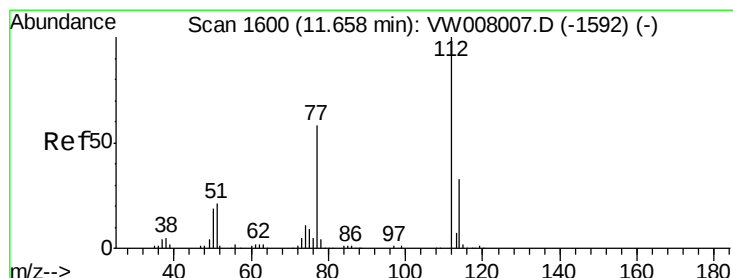
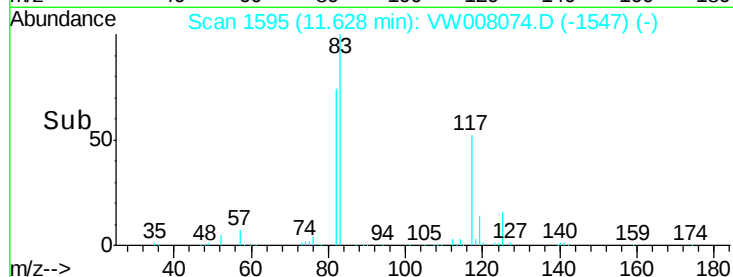
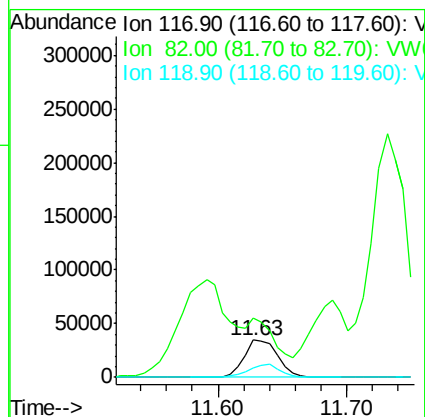
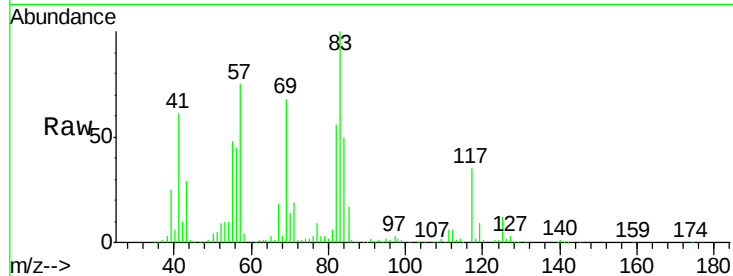




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

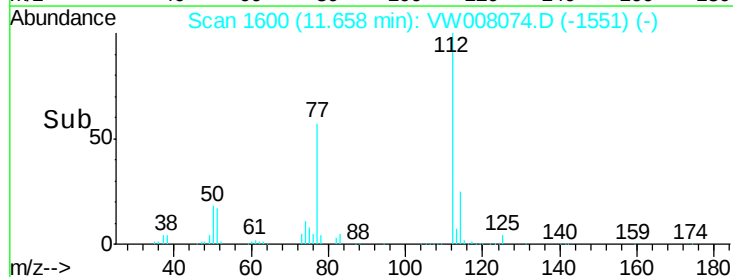
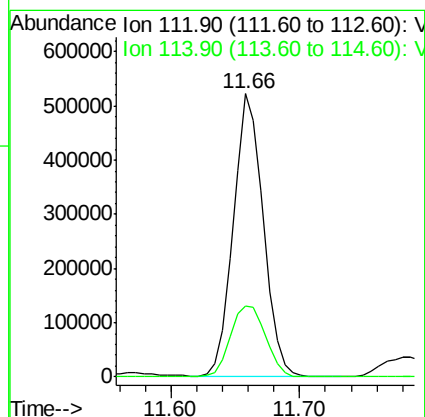
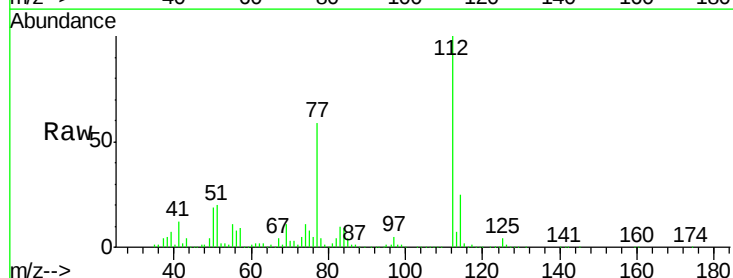
Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(10-15)

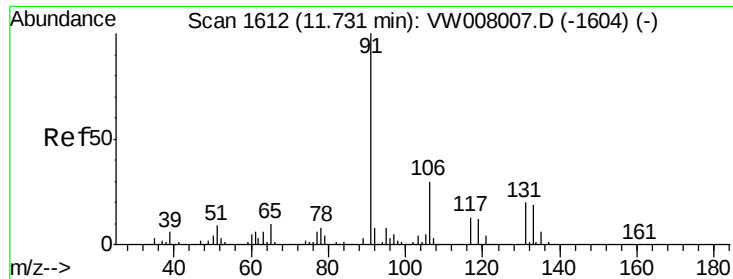
Tot Ion:117 Resp: 62715
Ion Ratio Lower Upper
117 100
82 0.0 44.8 67.2#
119 26.0 25.6 38.4



#65
Chlorobenzene
Concen: 630.475 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

Tgt Ion:112 Resp: 845057
Ion Ratio Lower Upper
112 100
114 25.2 26.0 39.0#

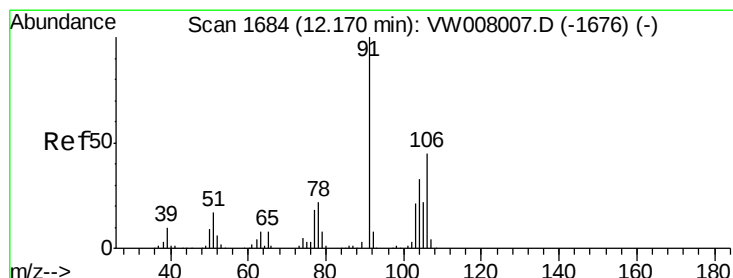
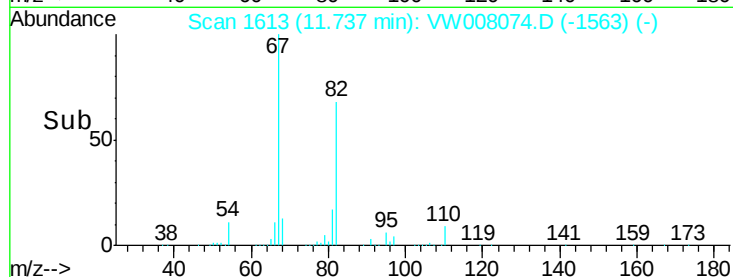
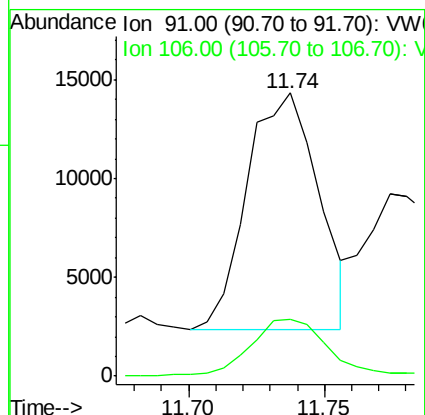
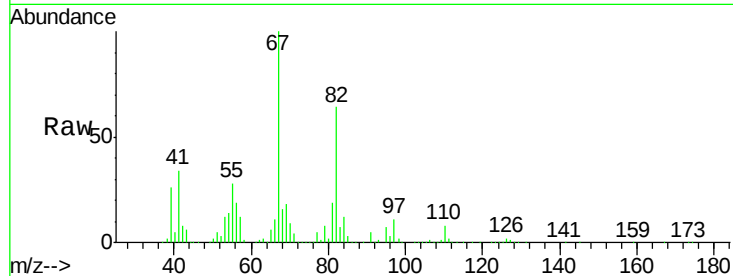




#67
Ethyl Benzene
Concen: 9.162 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

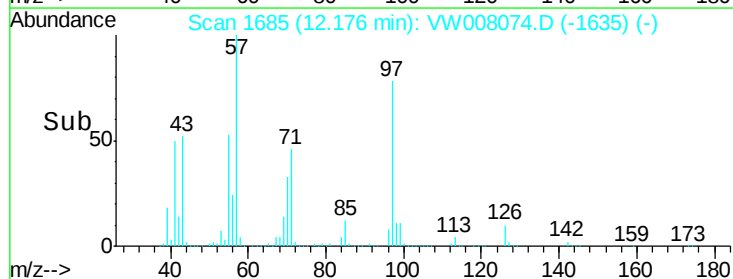
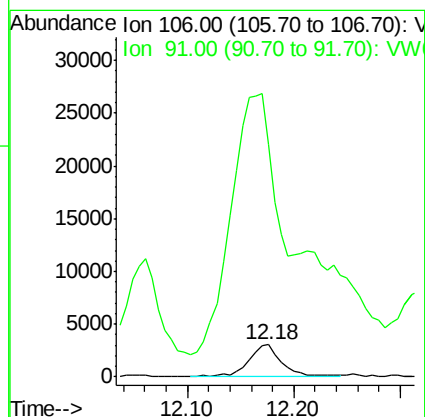
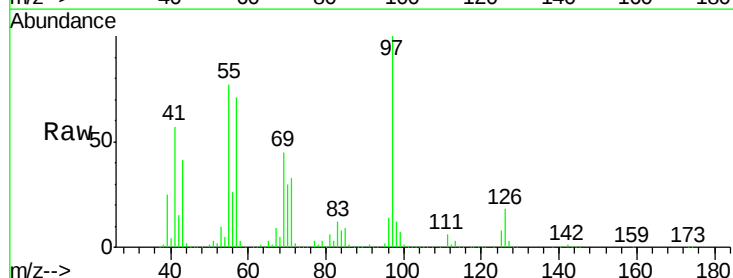
Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(10-15)

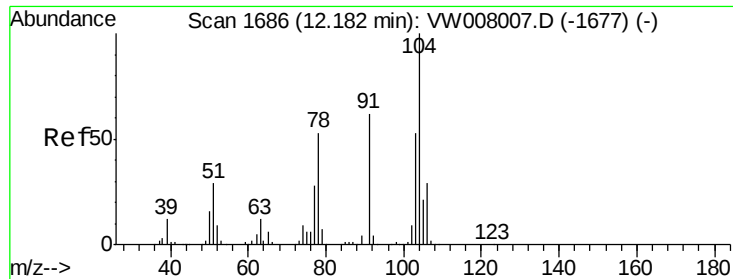
Tot Ion: 91 Resp: 21797
Ion Ratio Lower Upper
91 100
106 23.7 24.3 36.5#



#69
o-Xylene
Concen: 7.957 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

Tgt Ion: 106 Resp: 6810
Ion Ratio Lower Upper
106 100
91 1122.9 110.6 331.6#

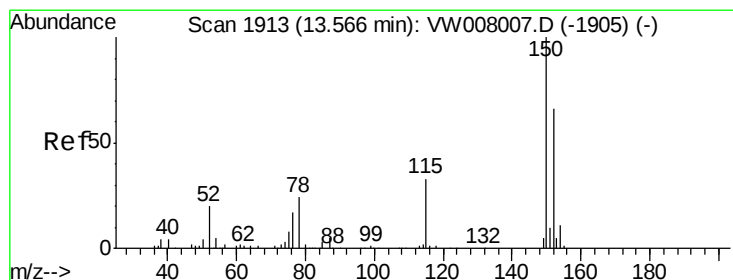
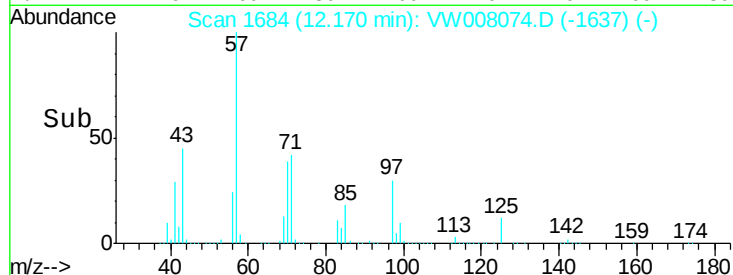
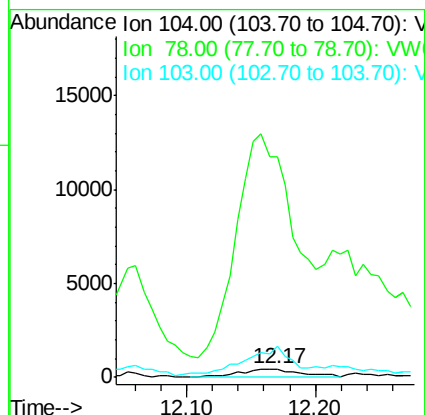
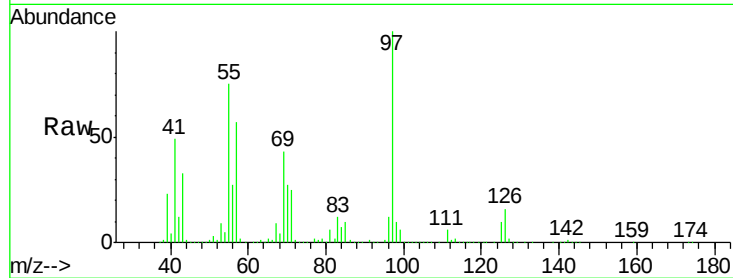




#70
Stvrene
Concen: 1.108 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

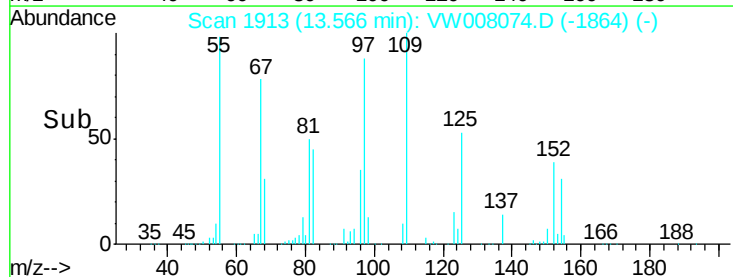
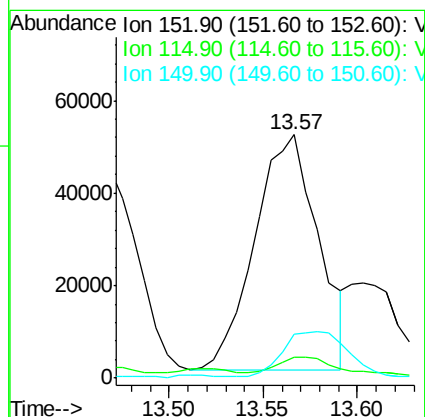
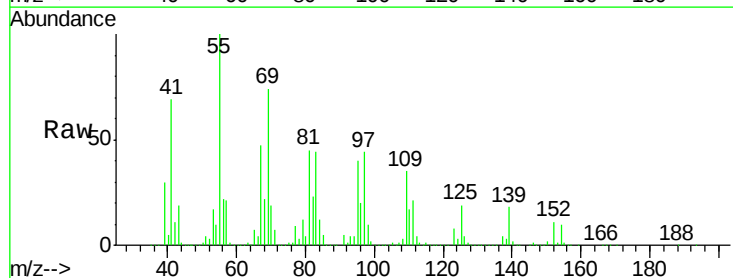
Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(10-15)

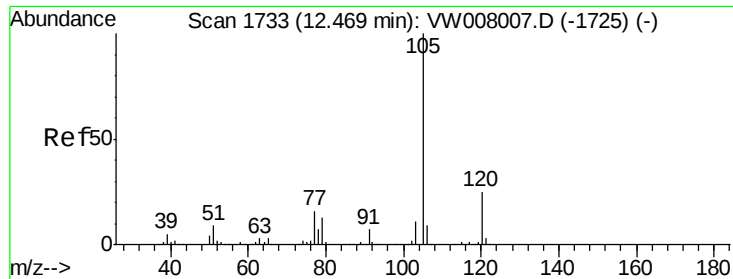
Tot Ion:104 Resp: 1545
Ion Ratio Lower Upper
104 100
78 2420.3 44.0 66.0#
103 0.0 44.6 66.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

Tgt Ion:152 Resp: 119420
Ion Ratio Lower Upper
152 100
115 0.0 32.1 96.5#
150 20.8 0.0 345.0

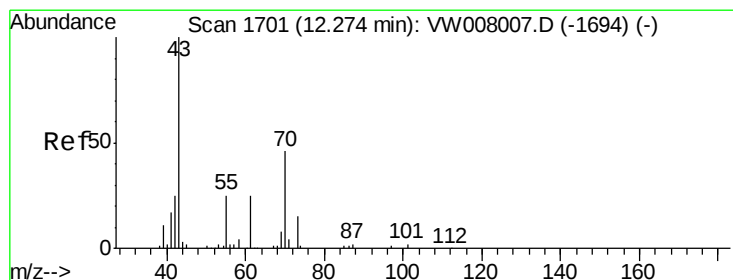
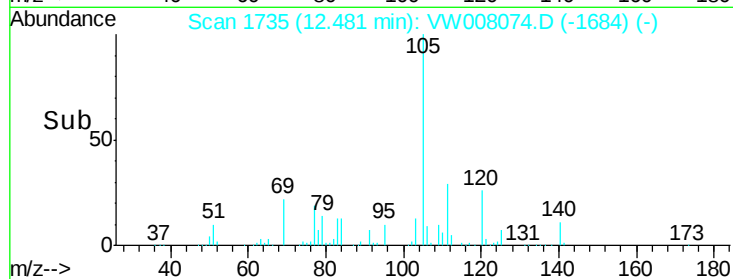
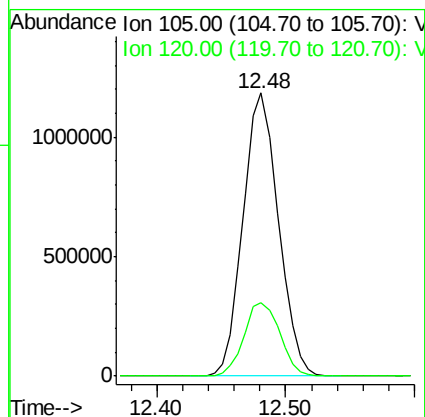
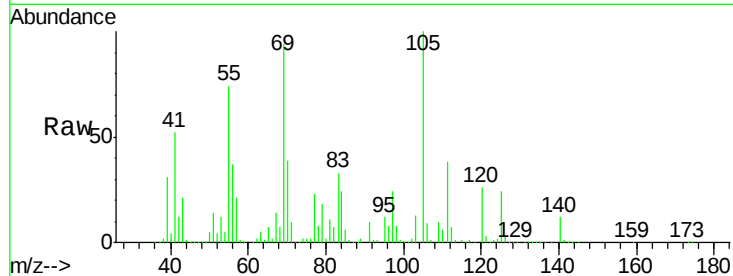




#73
Isopropylbenzene
Concen: 236.947 ug/l
RT: 12.48 min Scan# 1735
Delta R.T. 0.01 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

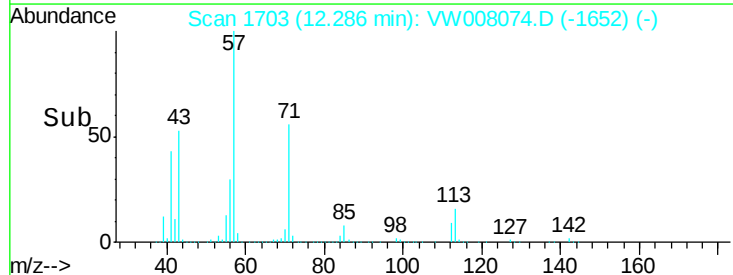
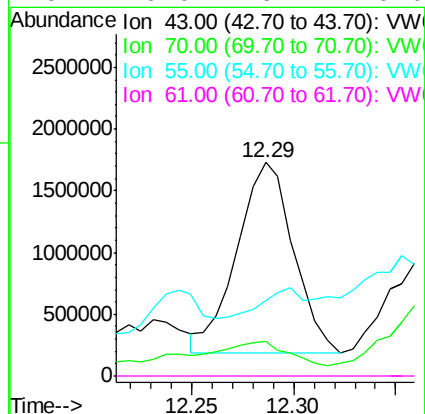
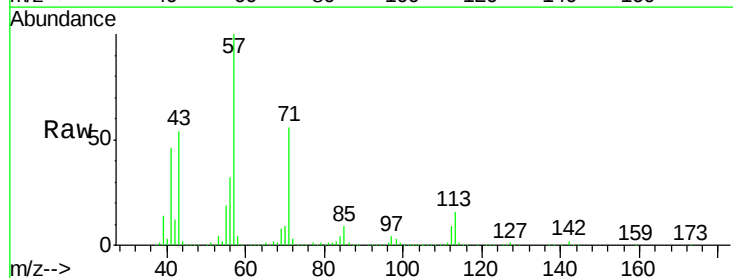
Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(10-15)

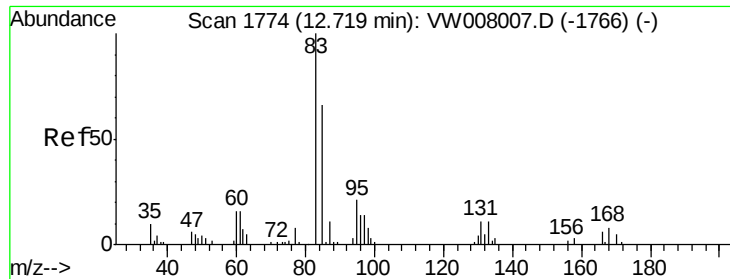
Tot Ion:105 Resp: 2250046
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.3



#74
N-ethyl acetate
Concen: 2011.508 ug/l
RT: 12.29 min Scan# 1703
Delta R.T. 0.01 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

Tgt Ion: 43 Resp: 2973331
Ion Ratio Lower Upper
43 100
70 17.8 35.2 52.8#
55 22.0 21.4 32.0
61 0.0 19.4 29.0#

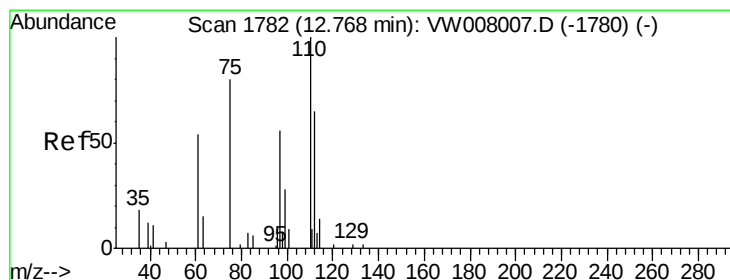
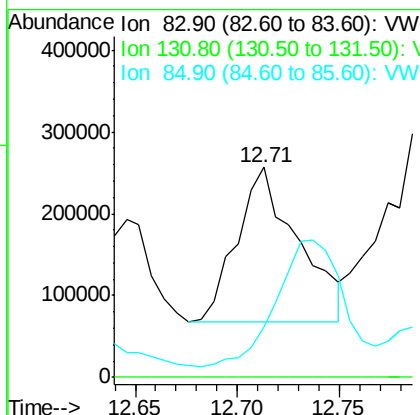
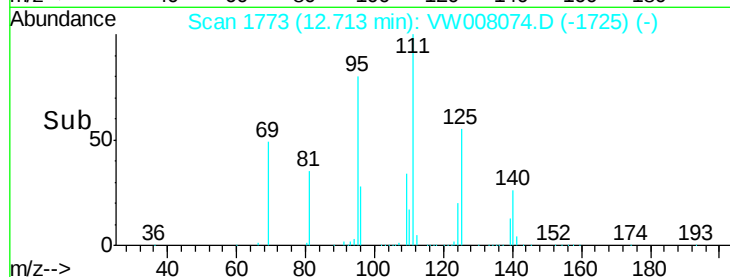
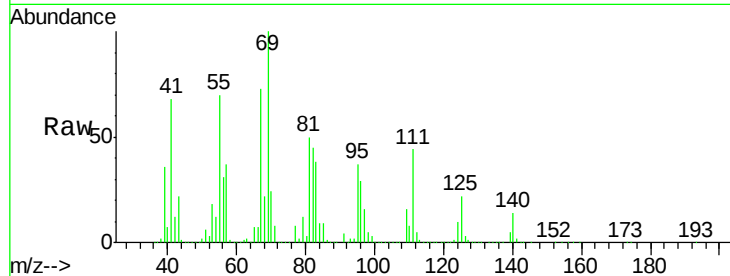




#75
 1,1,2,2-Tetrachloroethane
 Concen: 327.132 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

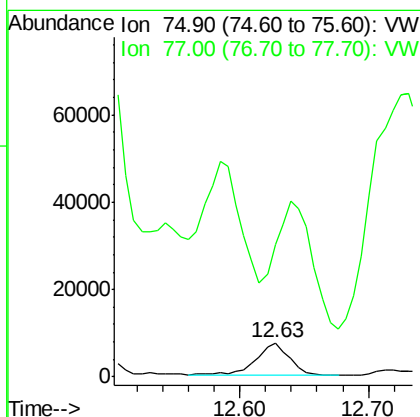
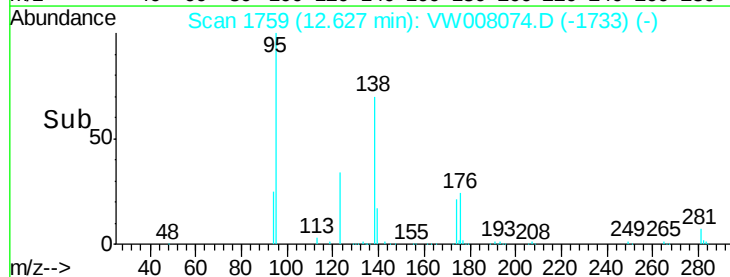
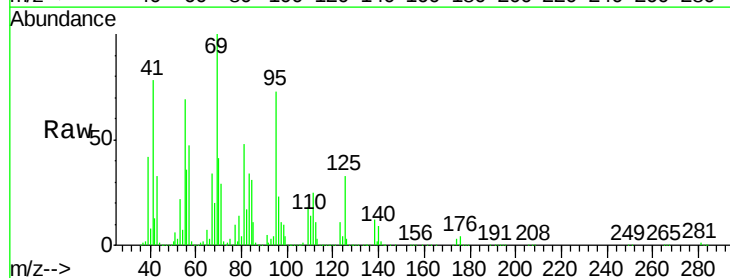
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(10-15)

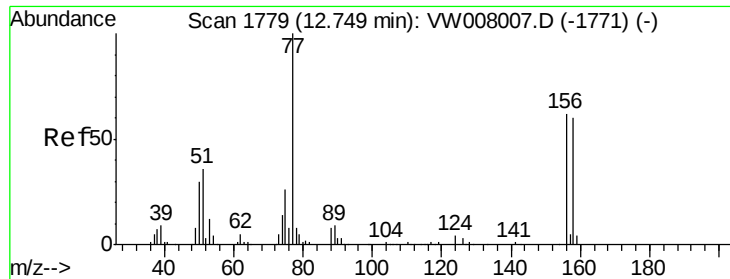
Tot Ion: 83 Resp: 395258
 Ion Ratio Lower Upper
 83 100
 131 0.1 6.5 19.5#
 85 0.0 32.8 98.3#



#76
 1,2,3-Trichloropropane
 Concen: 14.887 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.14 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

Tgt Ion: 75 Resp: 14143
 Ion Ratio Lower Upper
 75 100
 77 408.2 186.2 558.6





#77

Bromobenzene

Concen: 3.440 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

CPSB-16(10-15)

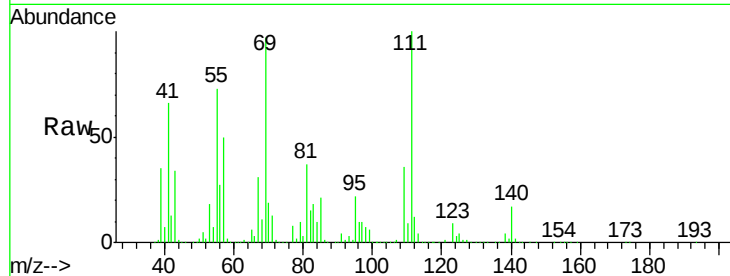
Tot Ion:156 Resp: 7021

Ion Ratio Lower Upper

156 100

77 2469.1 87.9 263.8#

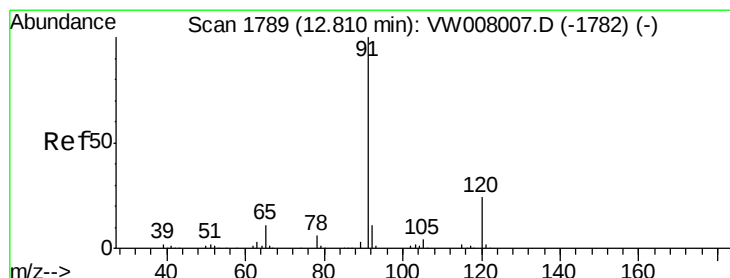
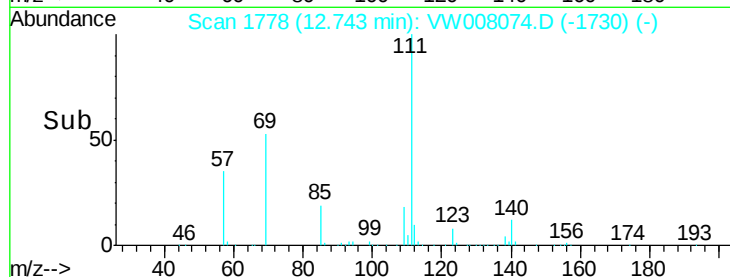
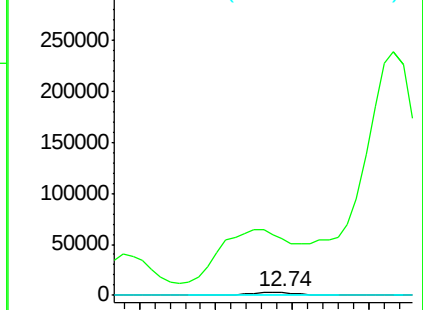
158 0.0 47.8 143.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 506.630 ug/l

RT: 12.82 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VW008074.D

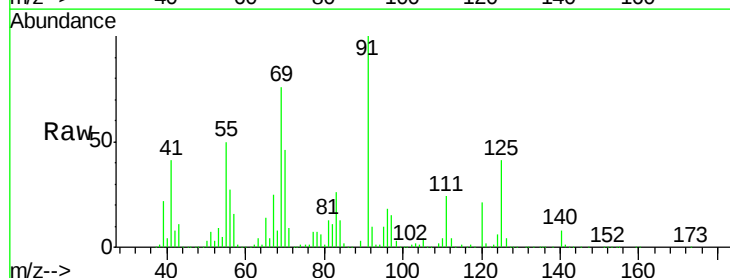
Acq: 07 Jan 2019 17:15

Tgt Ion: 91 Resp: 5577906

Ion Ratio Lower Upper

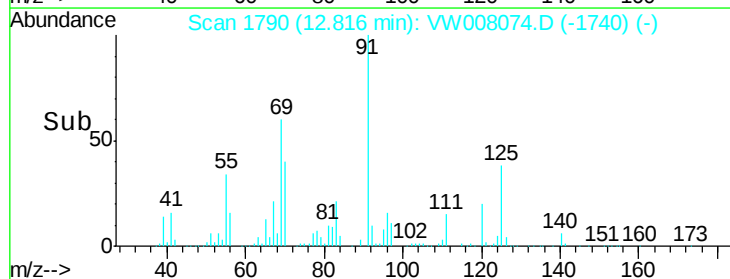
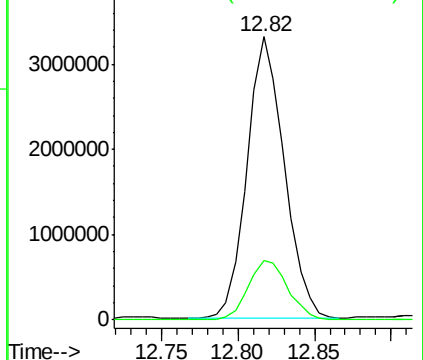
91 100

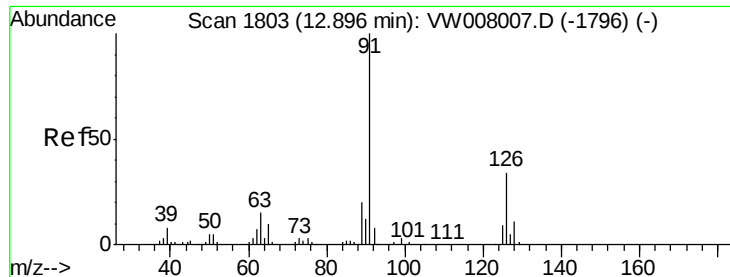
120 22.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

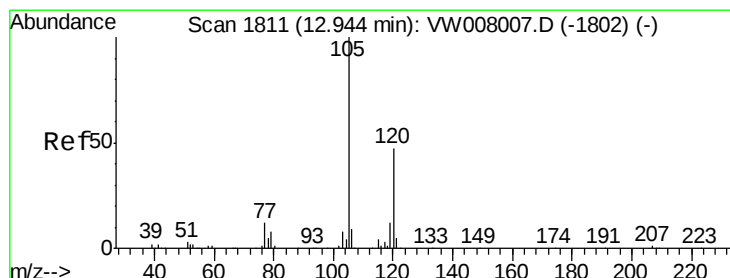
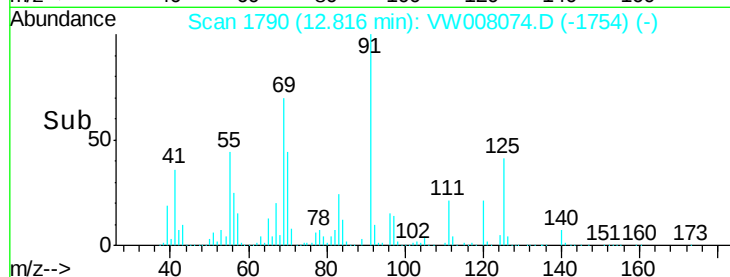
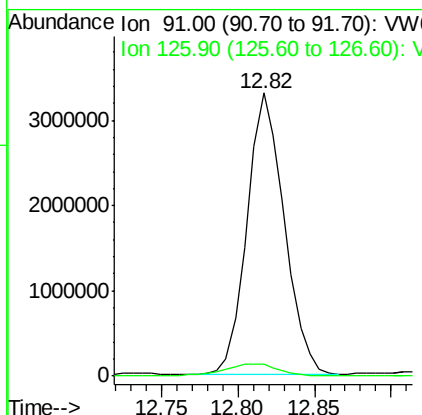
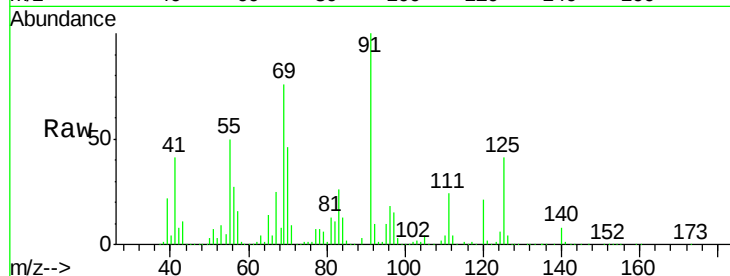




#79
 2-Chlorotoluene
 Concen: 876.589 ug/l
 RT: 12.82 min Scan# 1790
 Delta R.T. -0.08 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

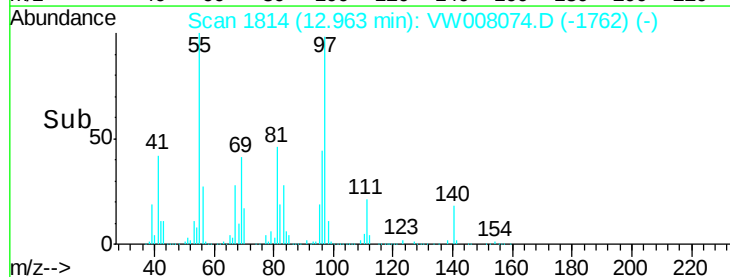
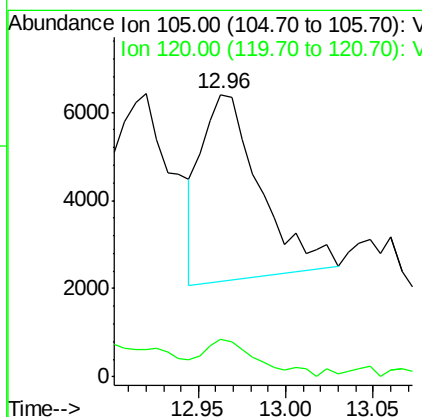
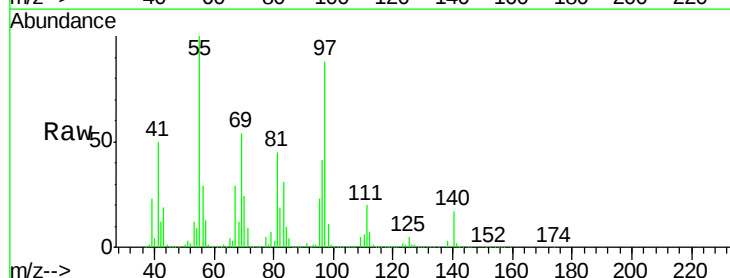
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(10-15)

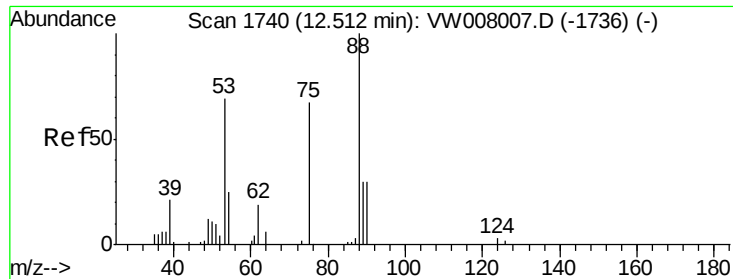
Tot Ion: 91 Resp: 5577906
 Ion Ratio Lower Upper
 91 100
 126 6.0 17.1 51.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.201 ug/l
 RT: 12.96 min Scan# 1814
 Delta R.T. 0.02 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

Tgt Ion:105 Resp: 9817
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 81.969 ug/l

RT: 12.48 min Scan# 1735

Delta R.T. -0.03 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

CPSB-16(10-15)

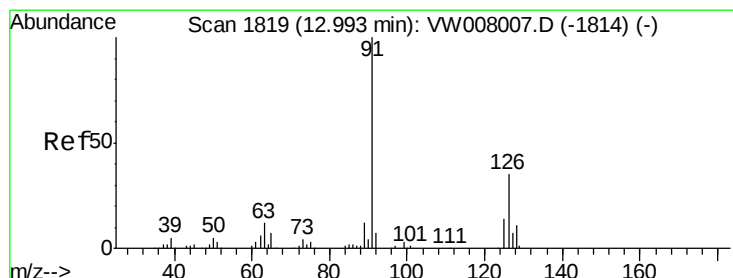
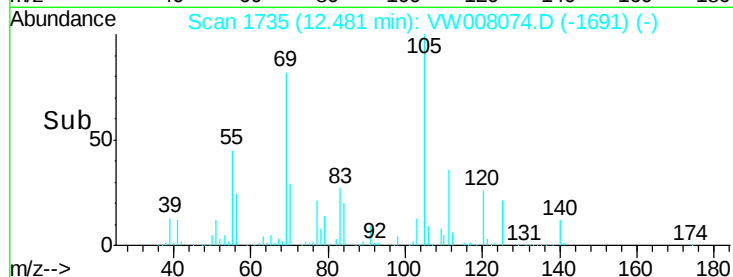
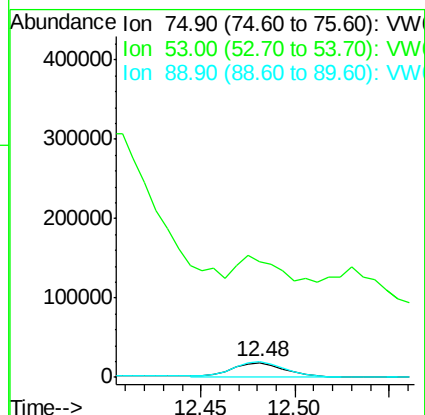
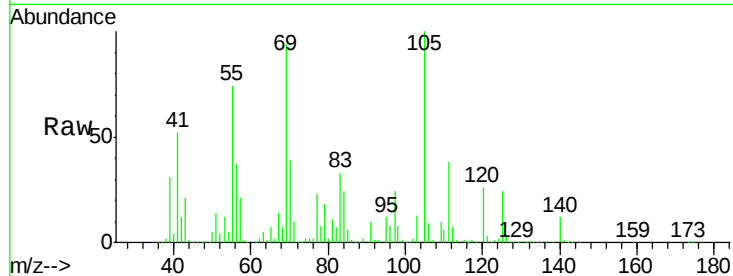
Tot Ion: 75 Resp: 32930

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 107.7 42.2 63.2#



#82

4-Chlorotoluene

Concen: 824.383 ug/l

RT: 12.82 min Scan# 1790

Delta R.T. -0.18 min

Lab File: VW008074.D

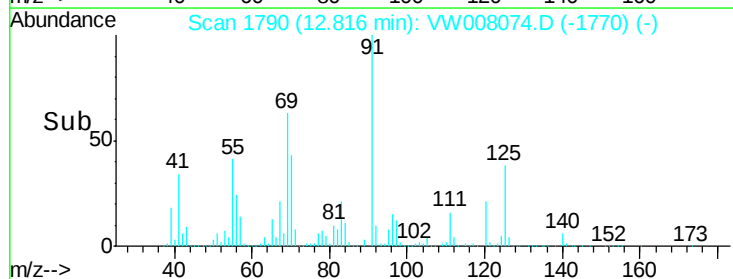
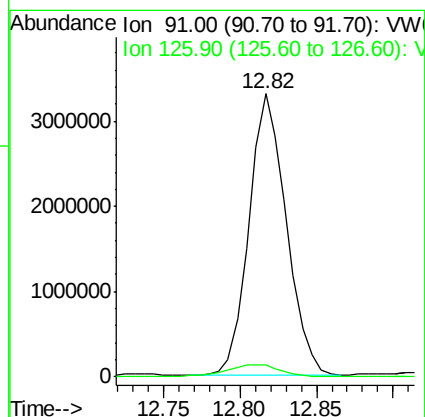
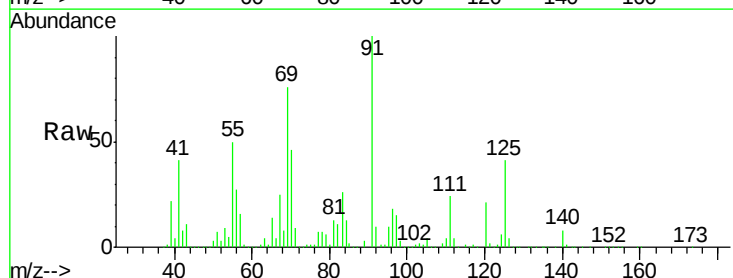
Acq: 07 Jan 2019 17:15

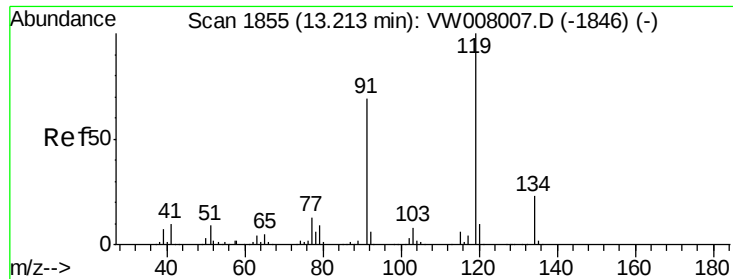
Tgt Ion: 91 Resp: 5577906

Ion Ratio Lower Upper

91 100

126 6.0 16.7 50.1#

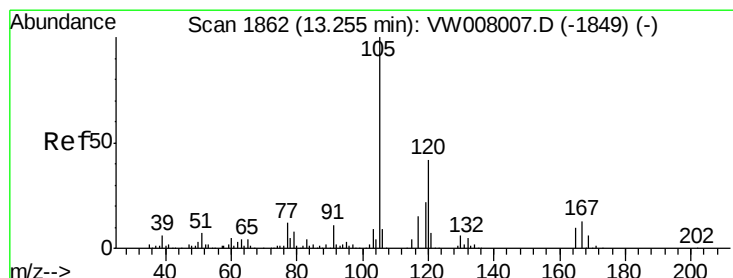
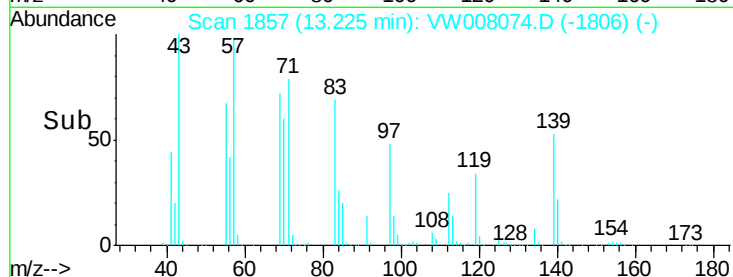
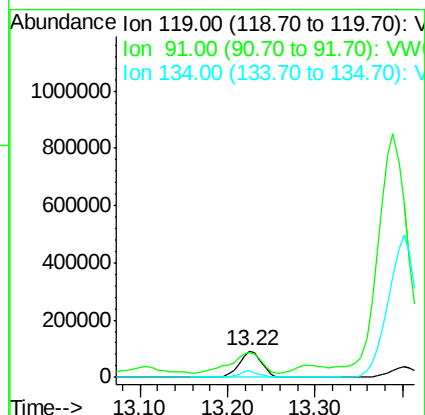
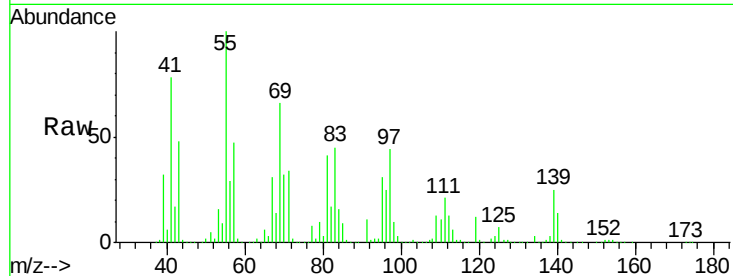




#83
tert-Butylbenzene
Concen: 22.601 ug/l
RT: 13.22 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

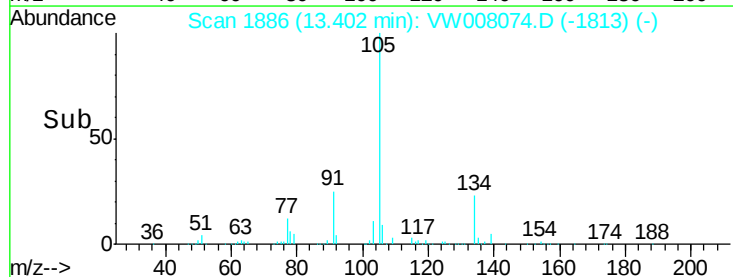
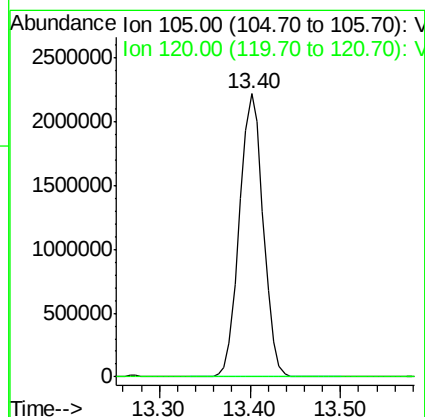
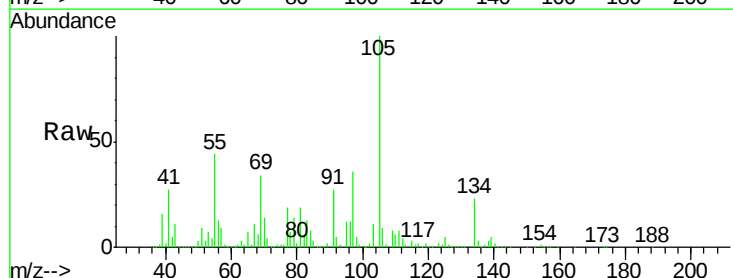
Instrument :
MSVOA_W
ClientSampleId :
CPSB-16(10-15)

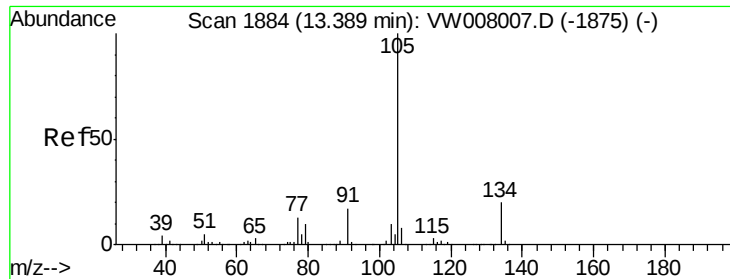
Tot Ion:119 Resp: 161629
Ion Ratio Lower Upper
119 100
91 106.9 34.7 104.1#
134 21.8 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 484.650 ug/l
RT: 13.40 min Scan# 1886
Delta R.T. 0.15 min
Lab File: VW008074.D
Acq: 07 Jan 2019 17:15

Tgt Ion:105 Resp: 4012544
Ion Ratio Lower Upper
105 100
120 0.2 21.5 64.5#

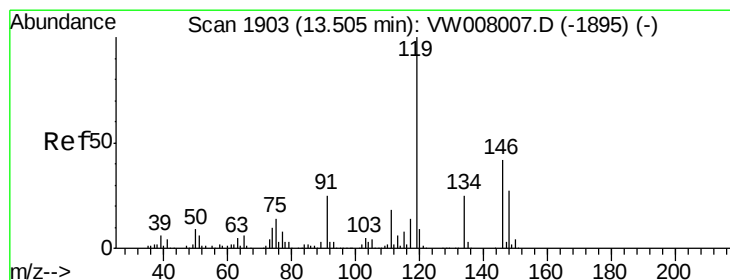
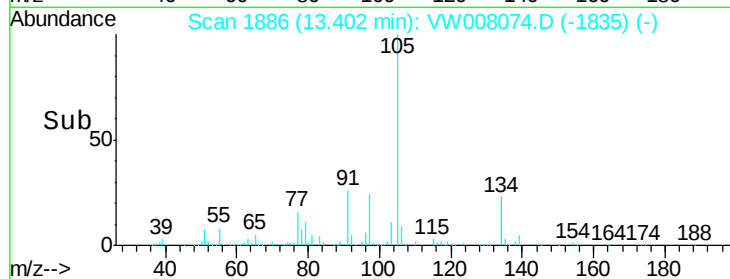
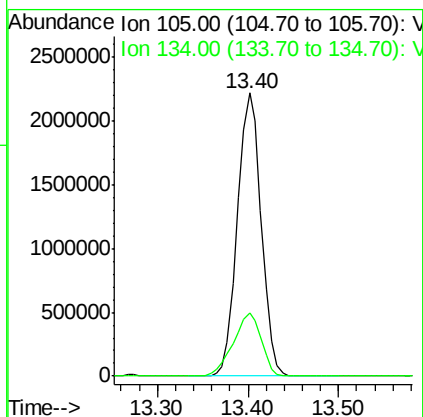
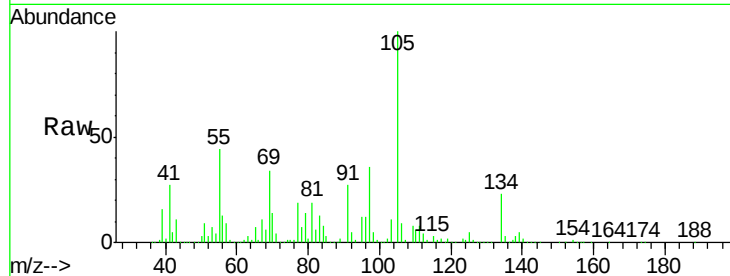




#85
 sec-Butylbenzene
 Concen: 407.875 ug/l
 RT: 13.40 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

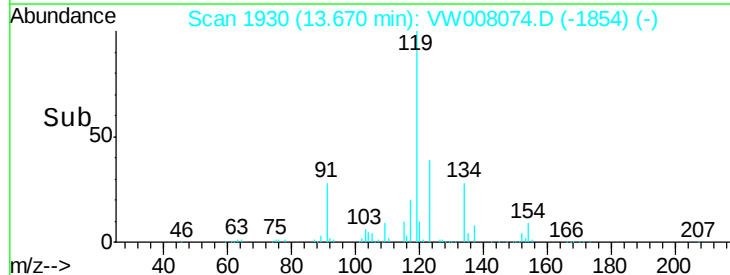
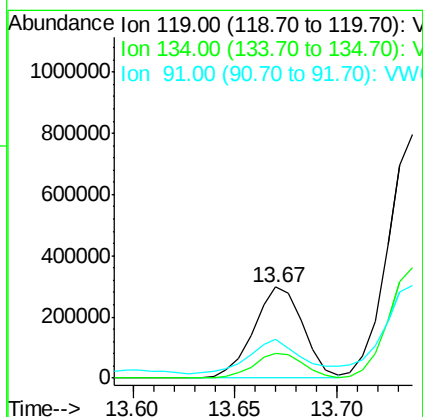
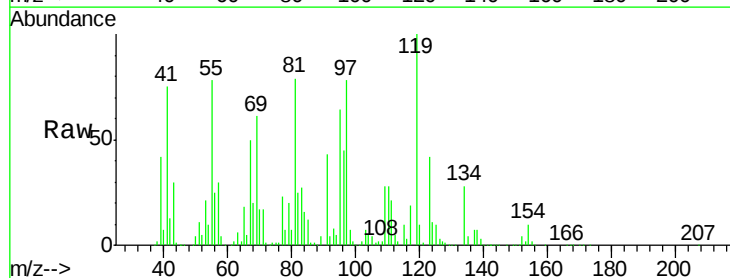
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(10-15)

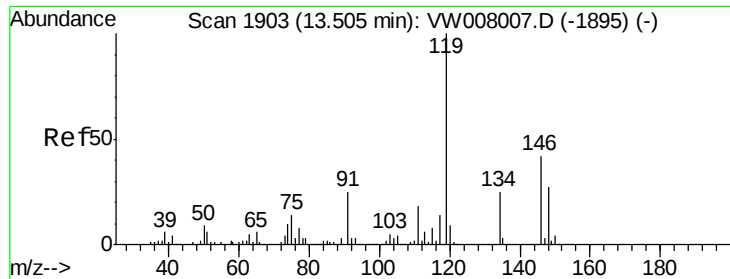
Tot Ion:105 Resp: 4012544
 Ion Ratio Lower Upper
 105 100
 134 26.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 56.123 ug/l
 RT: 13.67 min Scan# 1930
 Delta R.T. 0.16 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

Tgt Ion:119 Resp: 498010
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.5 37.5
 91 39.2 13.1 39.3

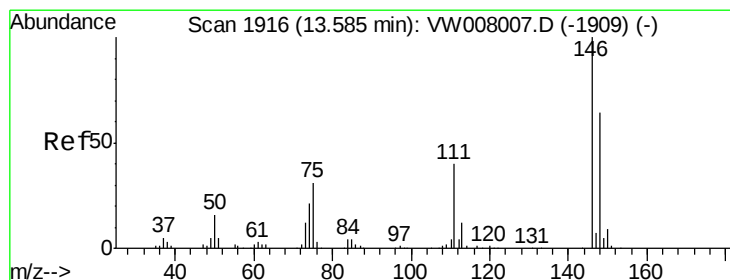
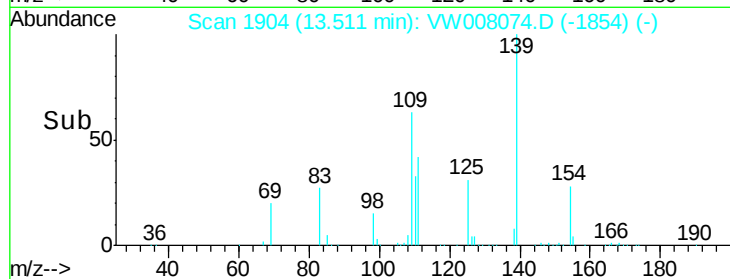
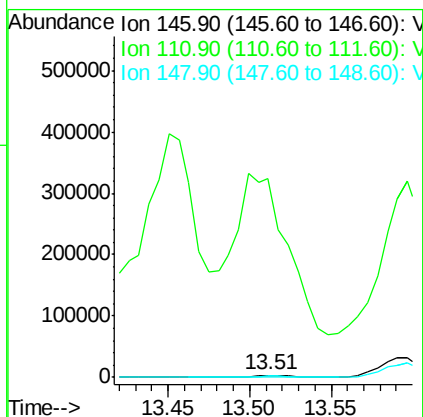
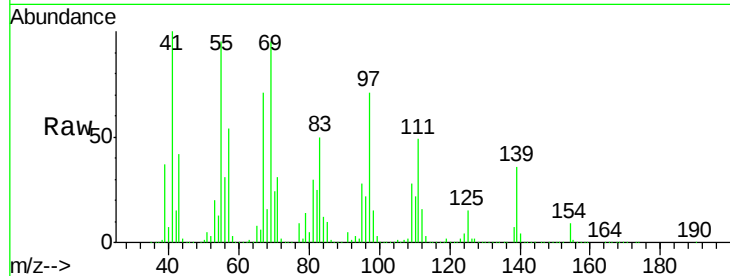




#87
 1,3-Dichlorobenzene
 Concen: 1.358 ug/l
 RT: 13.51 min Scan# 1904
 Delta R.T. 0.01 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

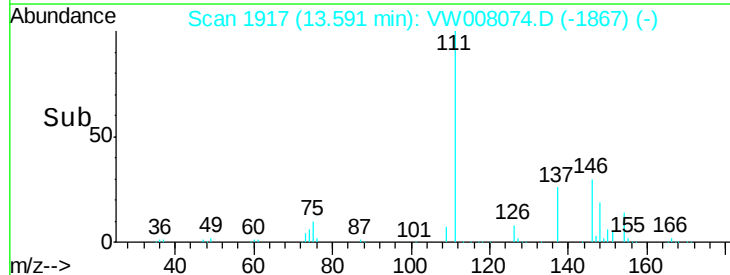
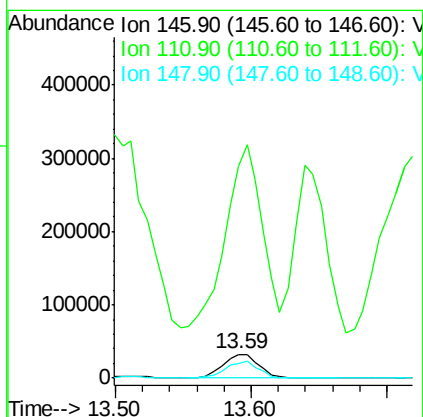
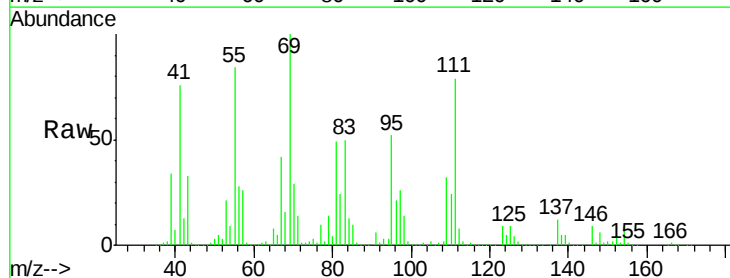
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(10-15)

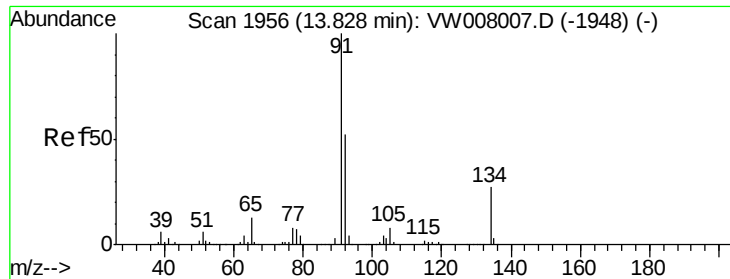
Tot Ion:146 Resp: 5592
 Ion Ratio Lower Upper
 146 100
 111 10146.1 21.4 64.2#
 148 65.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 14.362 ug/l
 RT: 13.59 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

Tgt Ion:146 Resp: 58557
 Ion Ratio Lower Upper
 146 100
 111 780.1 20.9 62.8#
 148 66.8 31.9 95.9





#89

n-Butylbenzene

Concen: 183.674 ug/l

RT: 13.84 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

CPSB-16(10-15)

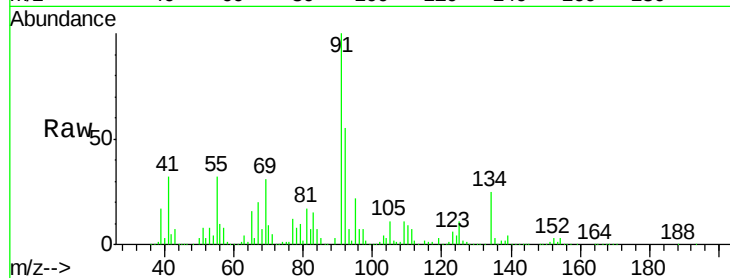
Tot Ion: 91 Resp: 1490785

Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.4	79.2
134	39.7	13.4	40.2

91 100

92 49.5 26.4 79.2

134 39.7 13.4 40.2

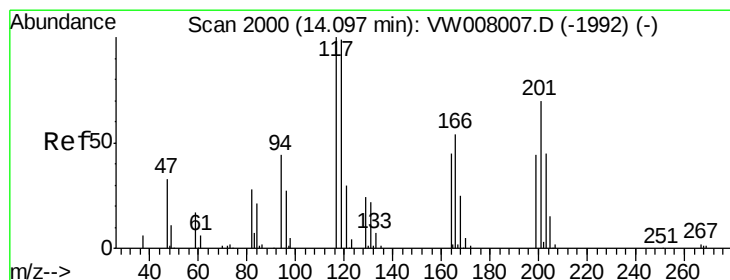
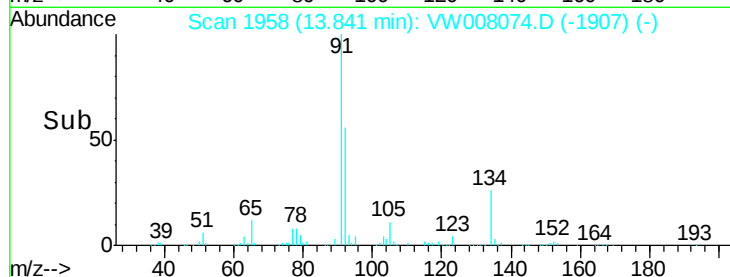
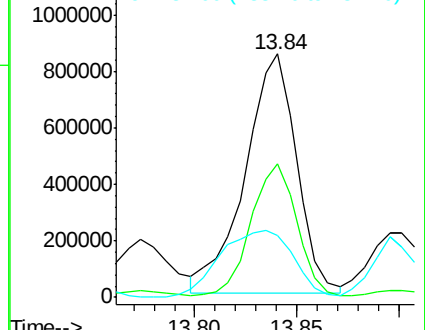


Abundance

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): VW



#90

Hexachloroethane

Concen: 143.758 ug/l

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: VW008074.D

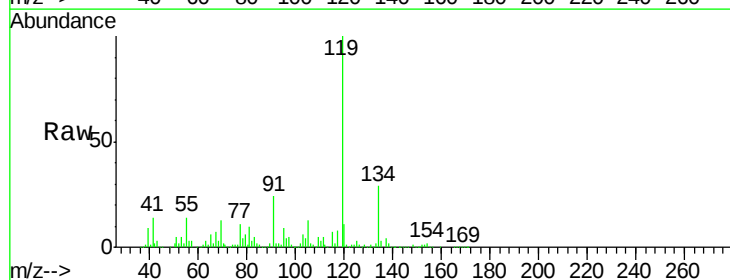
Acq: 07 Jan 2019 17:15

Tgt Ion: 117 Resp: 221348

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.1	111.5

117 100

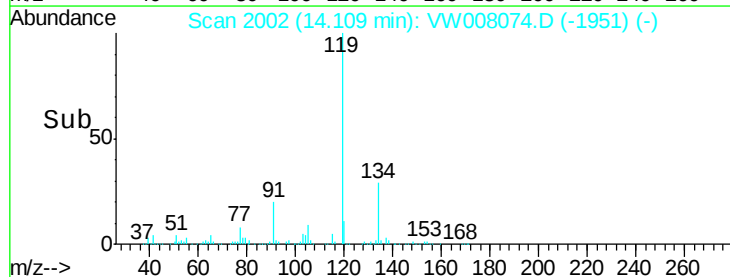
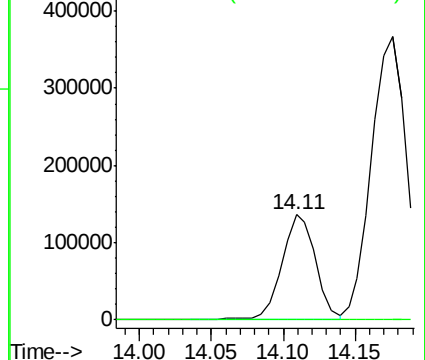
201 0.0 37.1 111.5

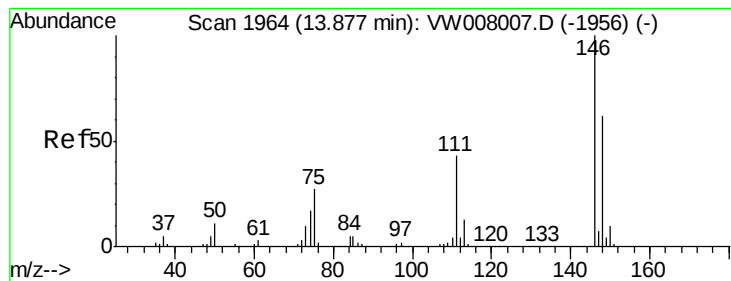


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 2.268 ug/l

RT: 13.88 min Scan# 1965

Delta R.T. 0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

CPSB-16(10-15)

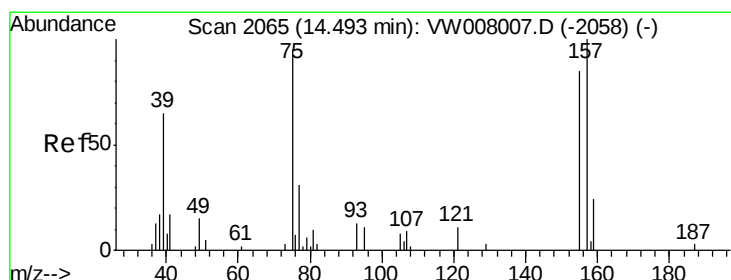
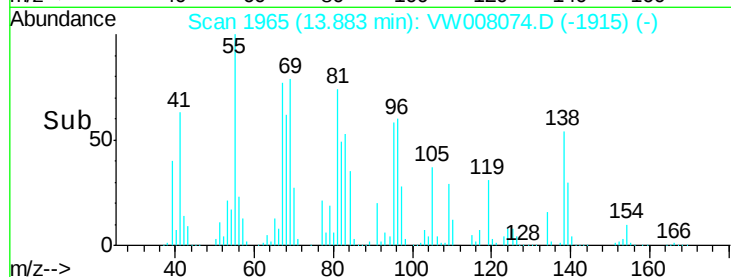
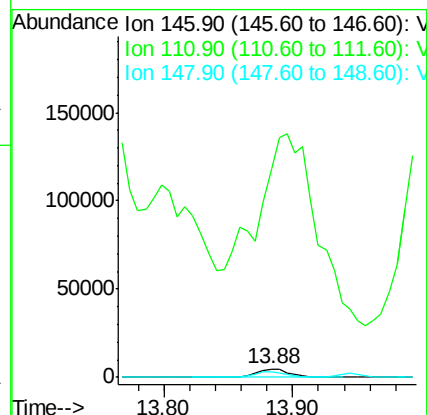
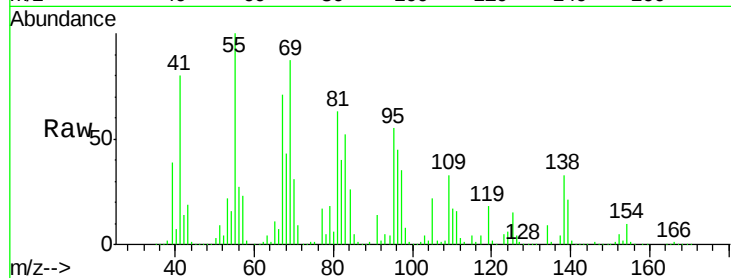
Tot Ion:146 Resp: 8208

Ion Ratio Lower Upper

146 100

111 4398.7 22.6 67.7#

148 67.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.262 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VW008074.D

Acq: 07 Jan 2019 17:15

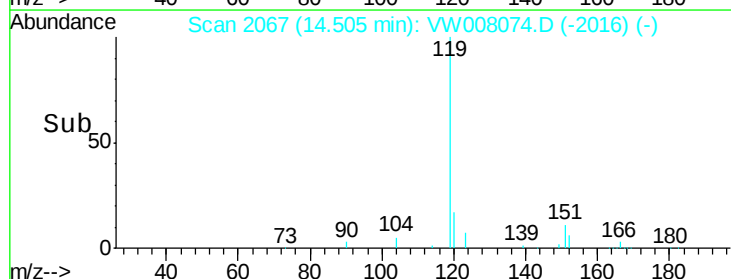
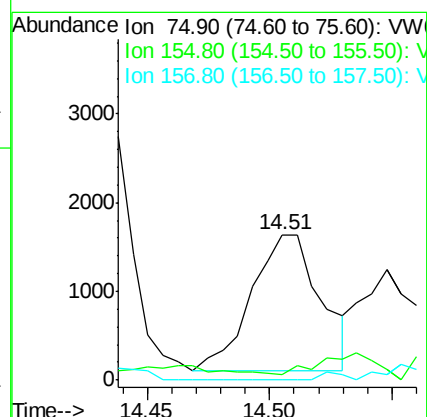
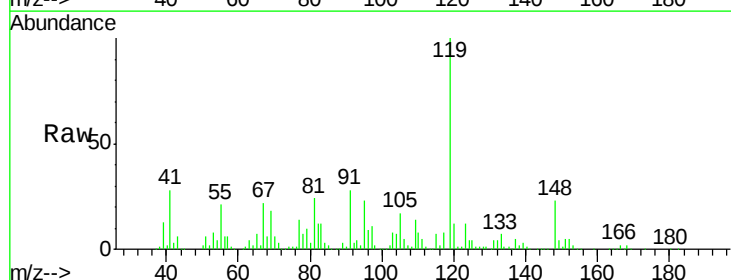
Tgt Ion: 75 Resp: 3007

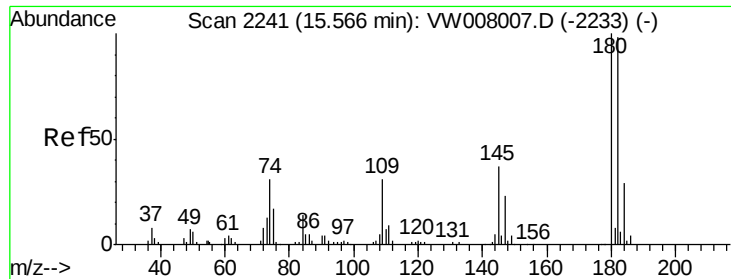
Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

157 0.0 52.3 156.8#

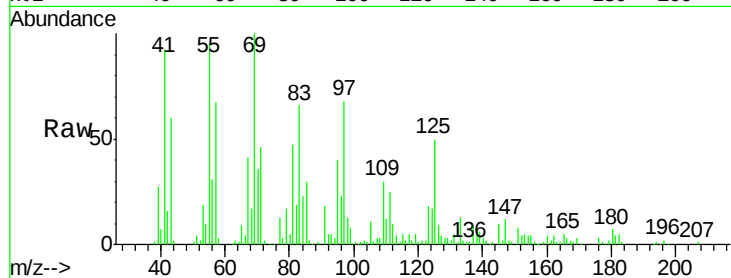




#96
 1,2,3-Trichlorobenzene
 Concen: 1.098 ug/l
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW008074.D
 Acq: 07 Jan 2019 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-16(10-15)

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.8#
145	0.0	18.7	56.1#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

