

Data File : VW008162.D
Acq On : 10 Jan 2019 21:13
Operator : SY/AP
Sample : K1088-09MSD
Misc : 5.07G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

Quant Time: Jan 11 05:16:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	52160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	98066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	80750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40173	68.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.06%	
35) Dibromofluoromethane	7.88	113	36126	63.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.32%	
50) Toluene-d8	10.32	98	122521	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.62	95	38053	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	19053	44.758	ug/l	99
3) Chloromethane	2.21	50	27216	49.280	ug/l	98
4) Vinyl Chloride	2.36	62	35320	49.001	ug/l	100
5) Bromomethane	2.78	94	24836	45.996	ug/l	96
6) Chloroethane	2.93	64	23767	43.819	ug/l	97
7) Trichlorofluoromethane	3.26	101	28382	48.434	ug/l	89
8) Diethyl Ether	3.68	74	21931	66.202	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22630	38.896	ug/l	96
10) Methyl Iodide	4.26	142	45302	53.426	ug/l	99
11) Tert butyl alcohol	5.18	59	13818	401.156	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	28120	49.229	ug/l	90
13) Acrolein	3.89	56	11084	284.200	ug/l	97
14) Allyl chloride	4.67	41	51580	49.735	ug/l	97
15) Acrylonitrile	5.37	53	45464	360.475	ug/l	99
16) Acetone	4.12	43	45983	453.599	ug/l	95
17) Carbon Disulfide	4.37	76	81315	45.570	ug/l	100
18) Methyl Acetate	4.67	43	33083	89.289	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	69221	74.541	ug/l	95
20) Methylene Chloride	4.91	84	40972	73.219	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	32692	52.666	ug/l	96
22) Diisopropyl ether	6.31	45	131001	66.232	ug/l	98
23) Vinyl Acetate	6.25	43	302934	291.621	ug/l	99
24) 1,1-Dichloroethane	6.22	63	65613	56.934	ug/l	99
25) 2-Butanone	7.17	43	59791	366.571	ug/l	100
26) 2,2-Dichloropropane	7.17	77	39955	51.168	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	39300	58.028	ug/l	95
28) Bromochloromethane	7.51	49	28331	62.152	ug/l	100
29) Tetrahydrofuran	7.52	42	39903	366.236	ug/l	97
30) Chloroform	7.67	83	65576	59.780	ug/l	100
31) Cyclohexane	7.95	56	28579	23.165	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	46886	49.122	ug/l	99
36) 1,1-Dichloropropene	8.08	75	41053	40.639	ug/l	100
37) Ethyl Acetate	7.25	43	25949	64.118	ug/l	98
38) Carbon Tetrachloride	8.07	117	36646	39.635	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	18740	14.631	ug/l	96
40) Benzene	8.32	78	140735	51.365	ug/l	97
41) Methacrylonitrile	7.48	41	13275	51.926	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	44787	58.119	ug/l	96
43) Isopropyl Acetate	8.42	43	53220	65.771	ug/l	97
44) Trichloroethene	9.09	130	32632	46.526	ug/l	96
45) 1,2-Dichloropropane	9.37	63	37316	54.927	ug/l	97
46) Dibromomethane	9.46	93	19871	59.557	ug/l	95
47) Bromodichloromethane	9.65	83	47028	55.511	ug/l	98
48) Methyl methacrylate	9.43	41	25333	66.349	ug/l	95
49) 1,4-Dioxane	9.45	88	6605	1230.985	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	131209	334.989	ug/l	98
52) Toluene	10.39	92	78347	44.775	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	47611	54.028	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	53995	51.671	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28540	60.926	ug/l	96
56) Ethyl methacrylate	10.65	69	39143	67.474	ug/l	95
57) 1,3-Dichloropropane	10.93	76	50819	59.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	95753	319.539	ug/l	99
59) 2-Hexanone	10.97	43	92946	350.907	ug/l	98
60) Dibromochloromethane	11.13	129	30364	59.029	ug/l	100
61) 1,2-Dibromoethane	11.24	107	27021	60.792	ug/l	99
64) Tetrachloroethene	10.87	164	22277	42.391	ug/l	96
65) Chlorobenzene	11.66	112	83408	48.755	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	30387	54.611	ug/l	98
67) Ethyl Benzene	11.73	91	120224	38.408	ug/l	99
68) m/p-Xylenes	11.84	106	91974	76.981	ug/l	97
69) o-Xylene	12.17	106	48465	43.804	ug/l	96
70) Styrene	12.18	104	81042	46.765	ug/l	98
71) Bromoform	12.35	173	15616	62.708	ug/l #	96
73) Isopropylbenzene	12.47	105	104894	49.371	ug/l	93
74) N-amyl acetate	12.27	43	43705	92.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	32228	94.767	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	39054	158.306	ug/l #	9
77) Bromobenzene	12.75	156	29667	66.084	ug/l	99
78) n-propylbenzene	12.81	91	90219	34.656	ug/l	98
79) 2-Chlorotoluene	12.90	91	65809	45.311	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	65240	37.367	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8492	80.159	ug/l	97
82) 4-Chlorotoluene	12.99	91	72180	47.187	ug/l	99
83) tert-Butylbenzene	13.21	119	41817	27.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	75295	41.814	ug/l	98
85) sec-Butylbenzene	13.39	105	51295	22.671	ug/l	99
86) p-Isopropyltoluene	13.50	119	193716	99.145	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	41435	45.500	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	43032	47.098	ug/l	98
89) n-Butylbenzene	13.83	91	34337	17.943	ug/l	97
90) Hexachloroethane	14.10	117	8686	26.320	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	41201	51.480	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4973	90.866	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
Quantitation Report (Not Reviewed)

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CPSB-07(15-20)MSD

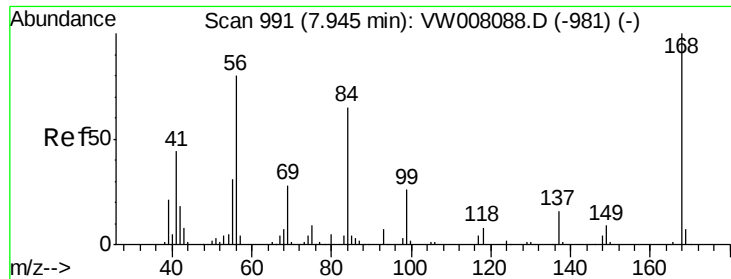
Quant Time: Jan 11 05:16:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	12587	23.688	ug/l	92
94) Hexachlorobutadiene	15.24	225	2324	8.172	ug/l	91
95) Naphthalene	15.37	128	54553	54.984	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	11751	25.942	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

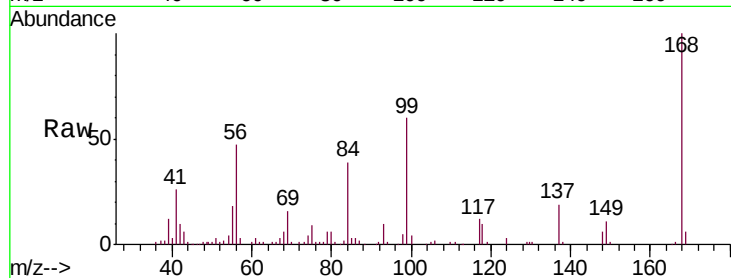
CPSB-07(15-20)MSD

Tgt Ion:168 Resp: 52160

Ion Ratio Lower Upper

168 100

99 59.9 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

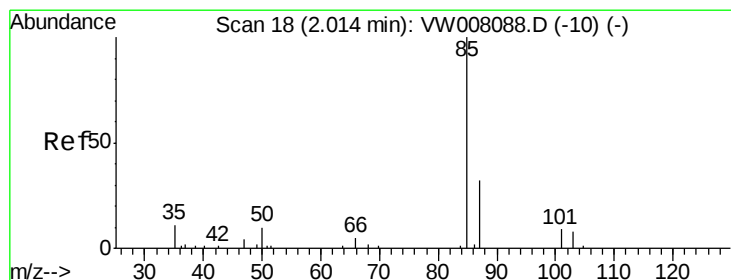
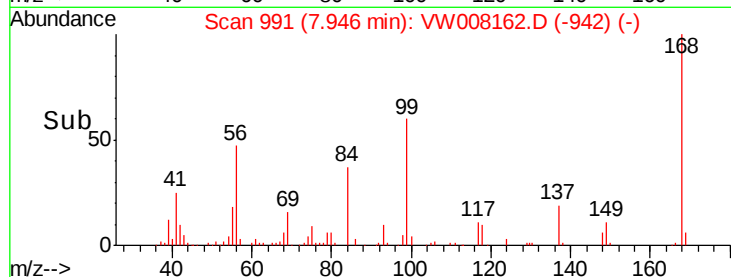
10000

5000

0

Time-->

7.85 7.90 7.95 8.00



#2

Dichlorodifluoromethane

Concen: 44.758 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008162.D

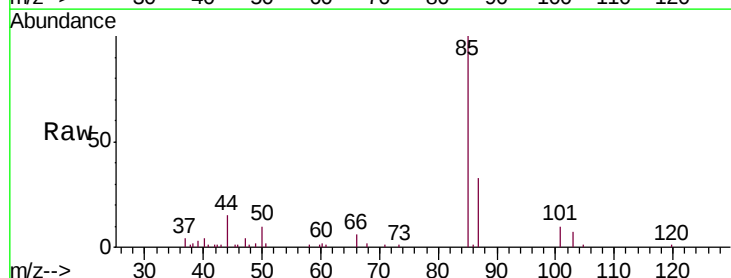
Acq: 10 Jan 2019 21:13

Tgt Ion: 85 Resp: 19053

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

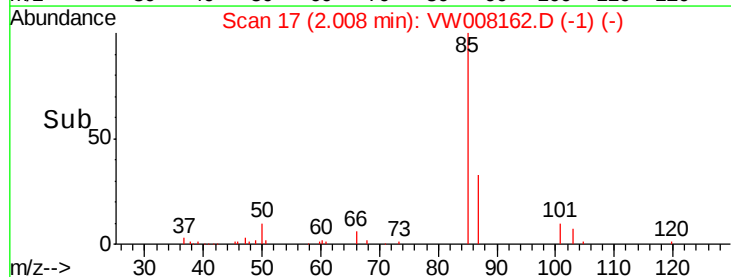
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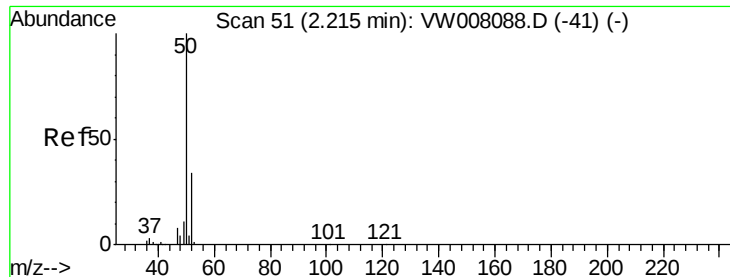
2000

0

Time-->

1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 49.280 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

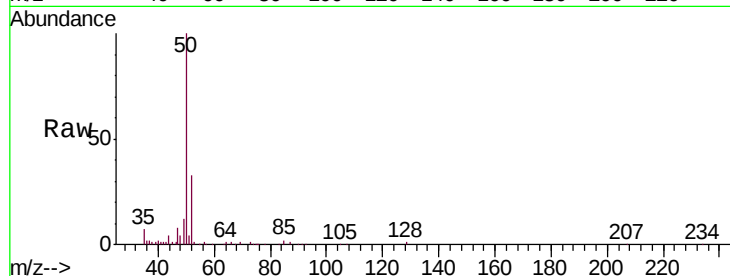
CPSB-07(15-20)MSD

Tgt Ion: 50 Resp: 27216

Ion Ratio Lower Upper

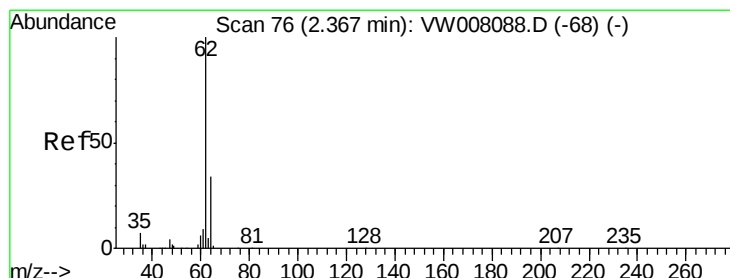
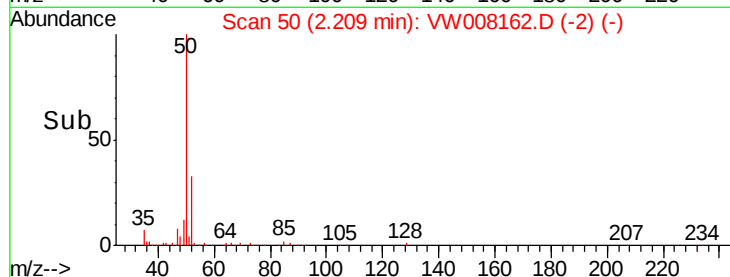
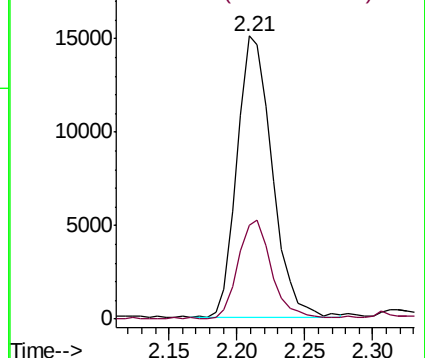
50 100

52 32.5 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.001 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008162.D

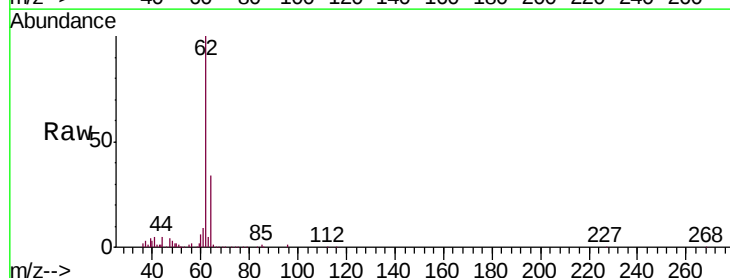
Acq: 10 Jan 2019 21:13

Tgt Ion: 62 Resp: 35320

Ion Ratio Lower Upper

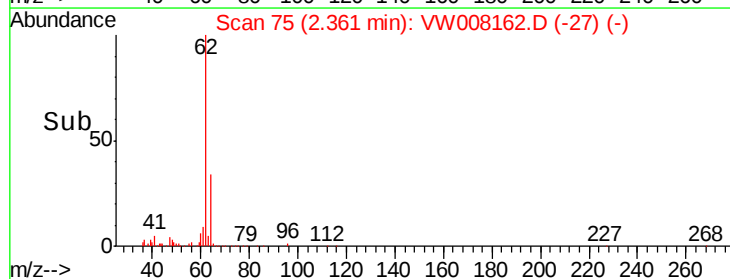
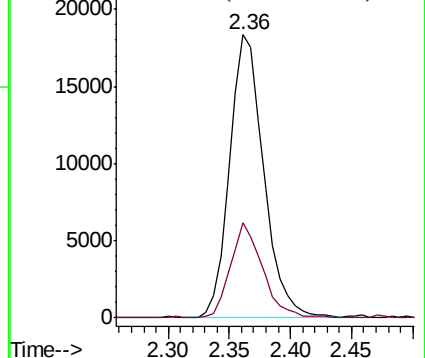
62 100

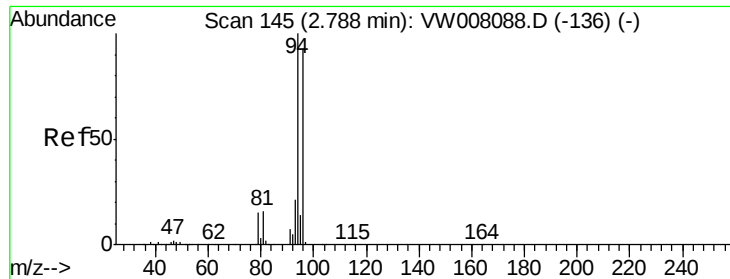
64 33.8 27.0 40.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 45.996 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

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ClientSampleId :

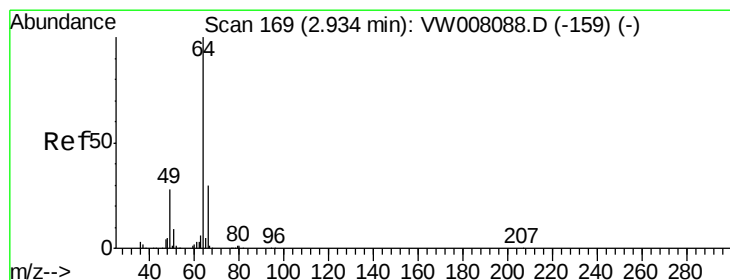
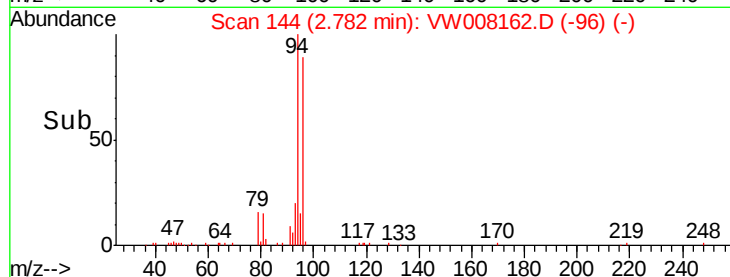
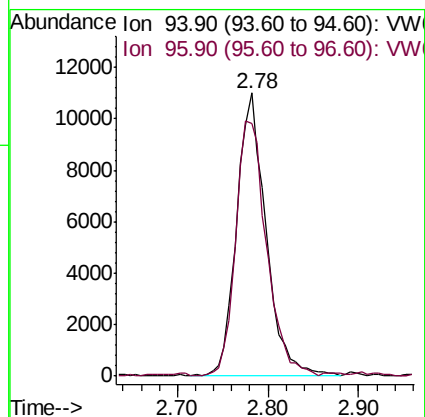
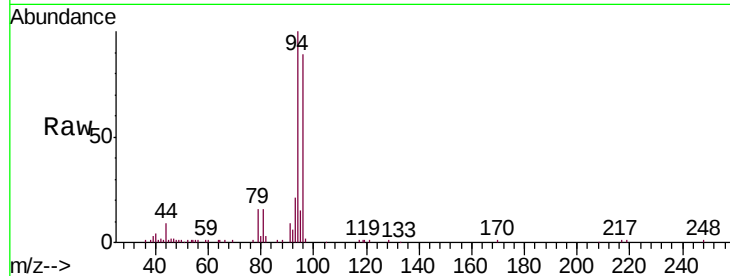
CPSB-07(15-20)MSD

Tgt Ion: 94 Resp: 24836

Ion Ratio Lower Upper

94 100

96 89.1 74.1 111.1



#6

Chloroethane

Concen: 43.819 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008162.D

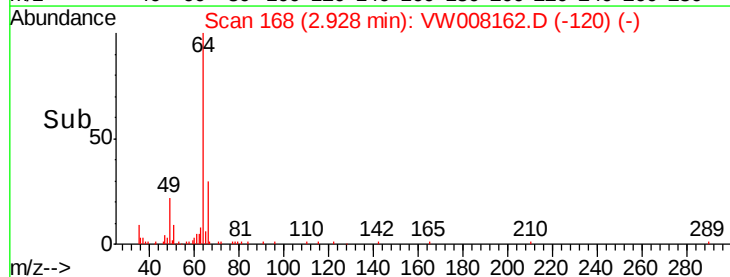
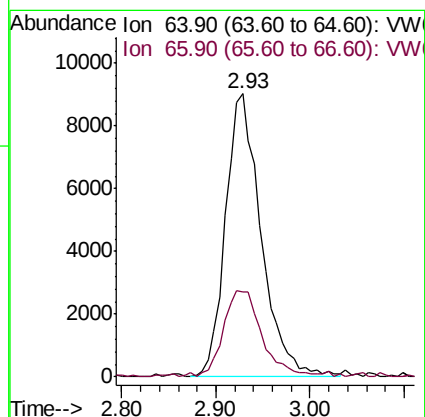
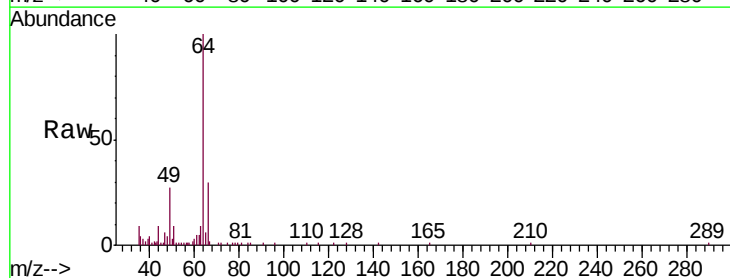
Acq: 10 Jan 2019 21:13

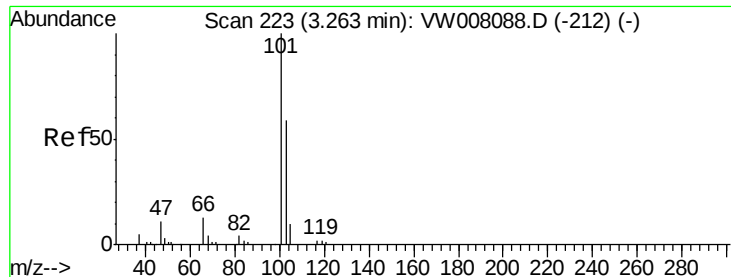
Tgt Ion: 64 Resp: 23767

Ion Ratio Lower Upper

64 100

66 28.8 24.2 36.2



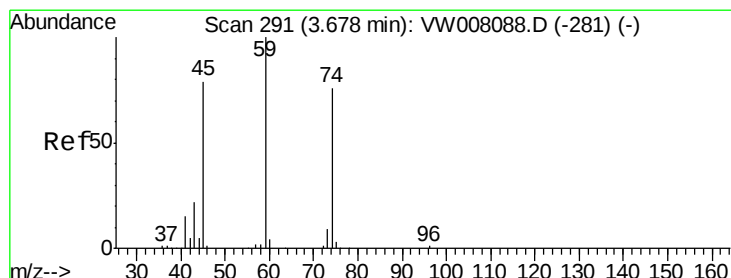
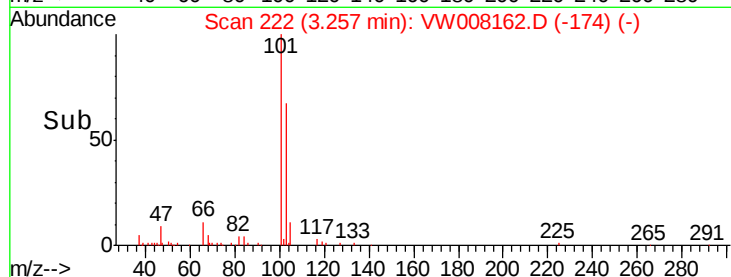
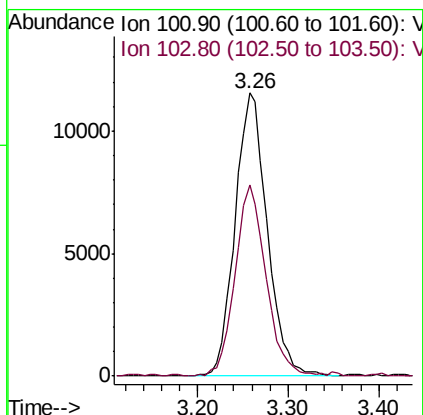
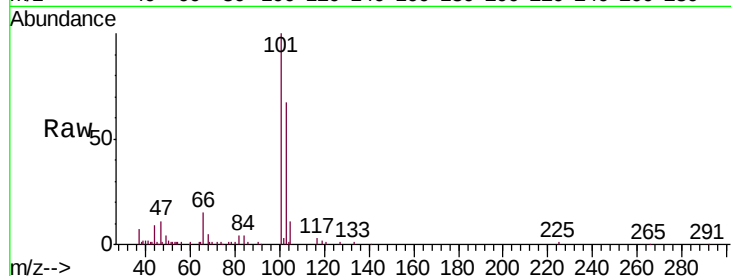


#7

Trichlorofluoromethane
 Concen: 48.434 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
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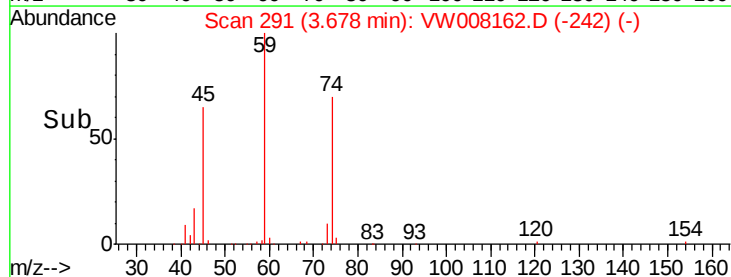
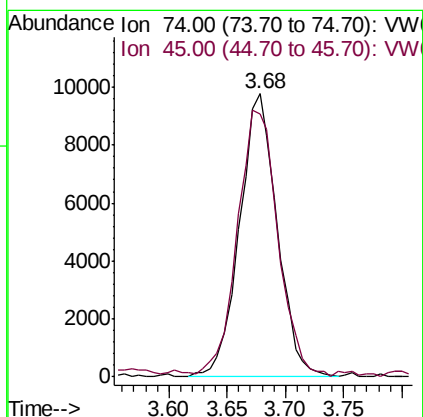
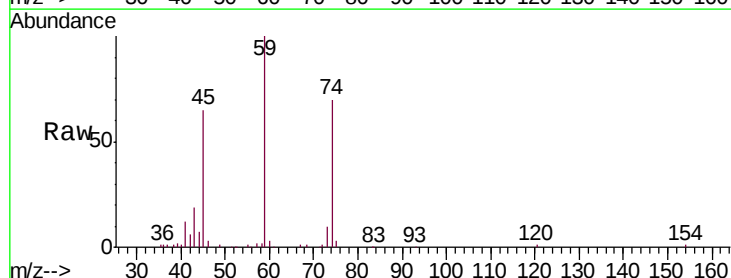
Tgt Ion:101 Resp: 28382
 Ion Ratio Lower Upper
 101 100
 103 67.4 47.0 70.6

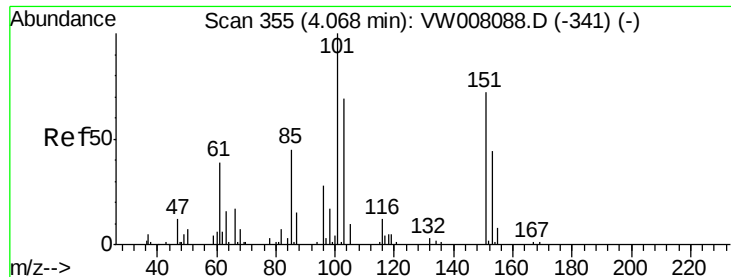


#8

Diethyl Ether
 Concen: 66.202 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 74 Resp: 21931
 Ion Ratio Lower Upper
 74 100
 45 102.3 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.896 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

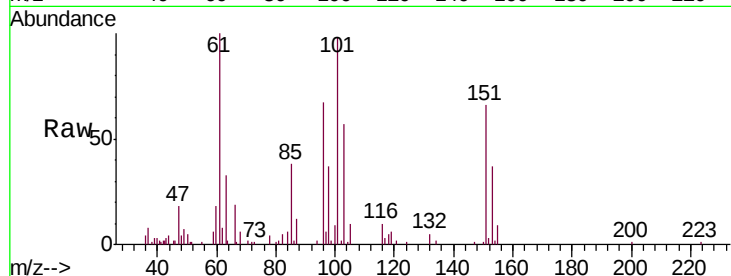
Tgt Ion:101 Resp: 22630

Ion Ratio Lower Upper

101 100

85 39.9 35.9 53.9

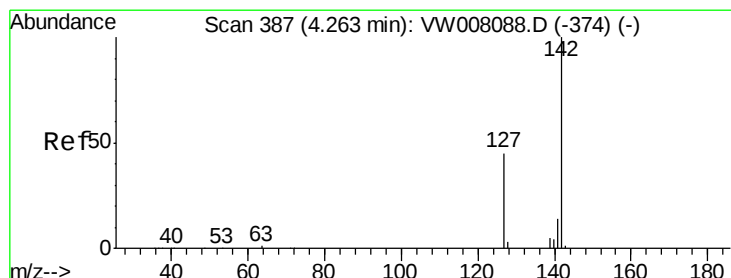
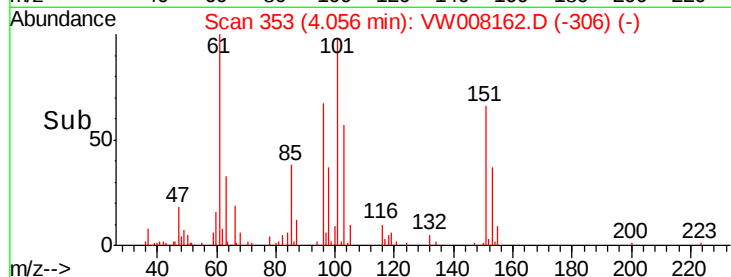
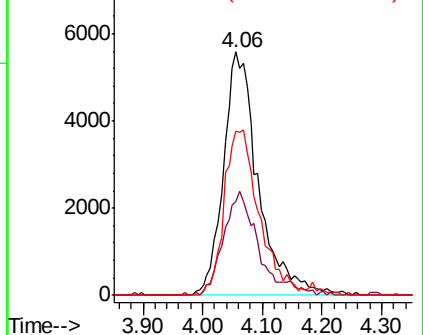
151 68.2 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.426 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

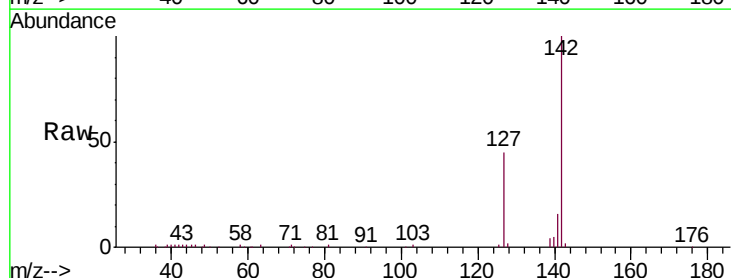
Tgt Ion:142 Resp: 45302

Ion Ratio Lower Upper

142 100

127 44.4 35.0 52.4

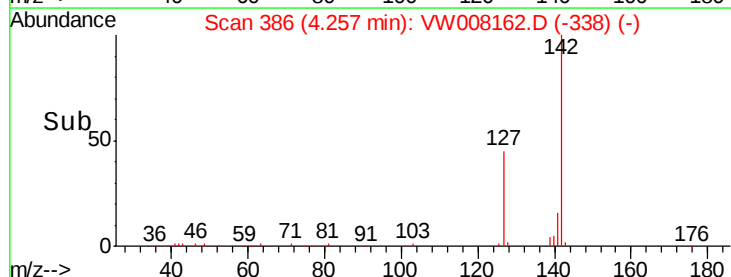
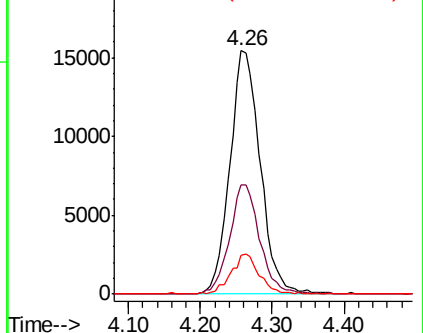
141 15.1 11.8 17.6

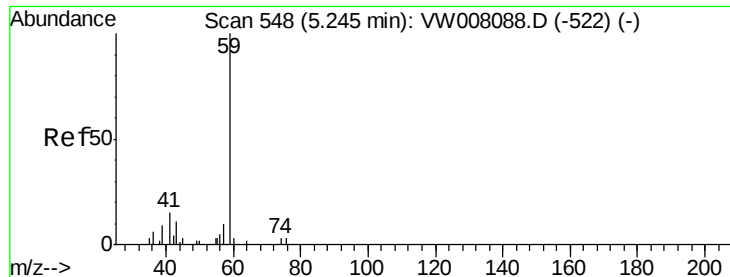


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



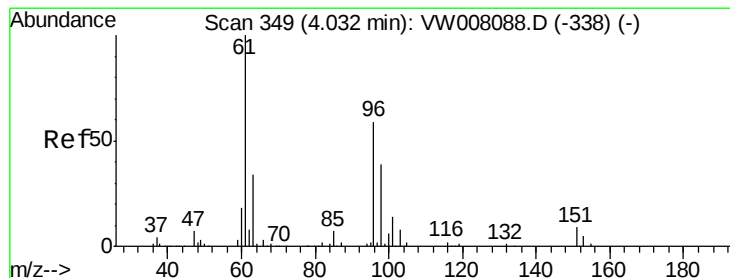
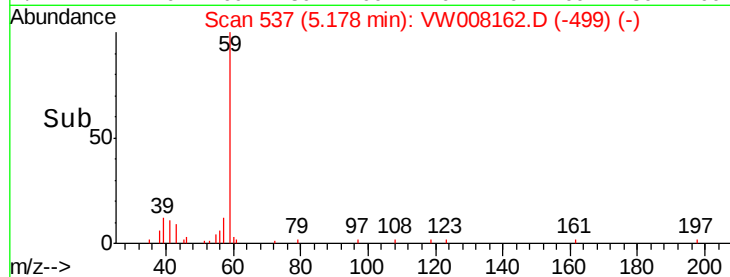
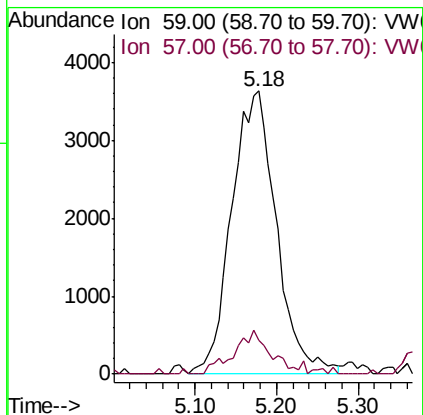
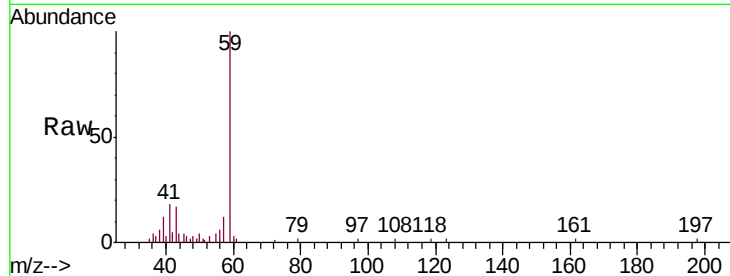


#11

Tert butyl alcohol
 Concen: 401.156 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.07 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

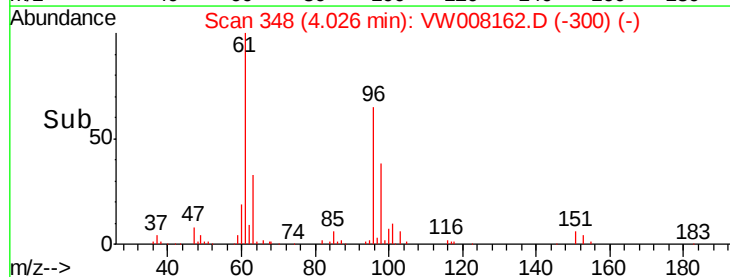
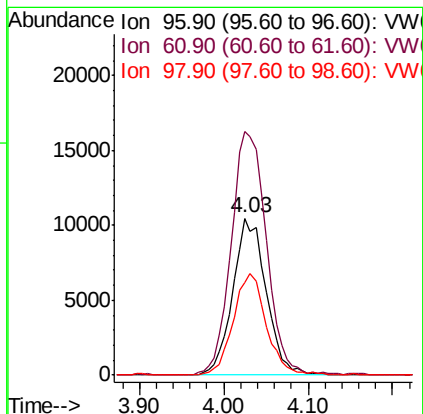
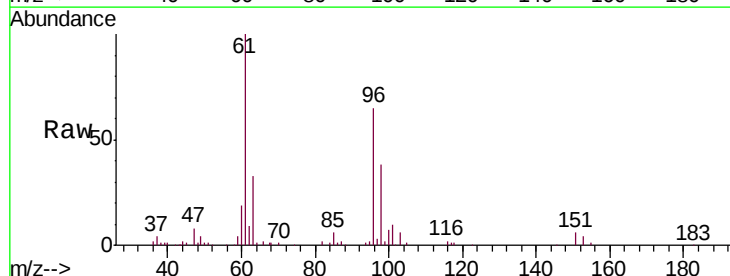
Tgt Ion: 59 Resp: 13818
 Ion Ratio Lower Upper
 59 100
 57 9.4 0.0 0.0#

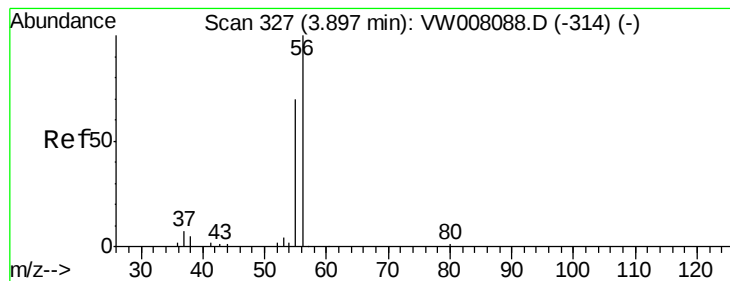


#12

1,1-Dichloroethene
 Concen: 49.229 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 96 Resp: 28120
 Ion Ratio Lower Upper
 96 100
 61 154.9 135.4 203.2
 98 58.7 52.5 78.7





#13

Acrolein

Concen: 284.200 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

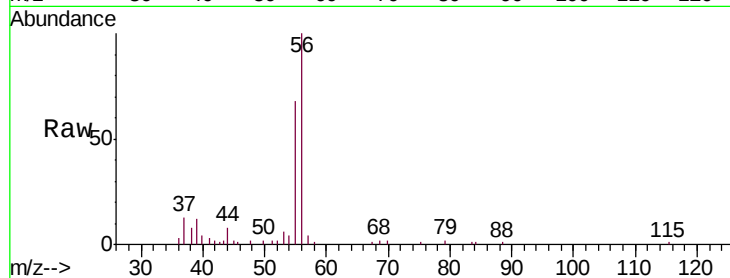
CPSB-07(15-20)MSD

Tgt Ion: 56 Resp: 11084

Ion Ratio Lower Upper

56 100

55 73.2 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

5000

4000

3000

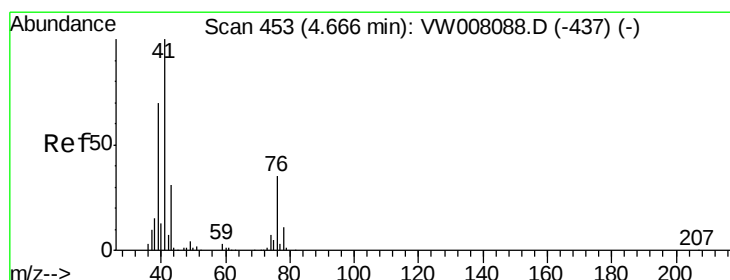
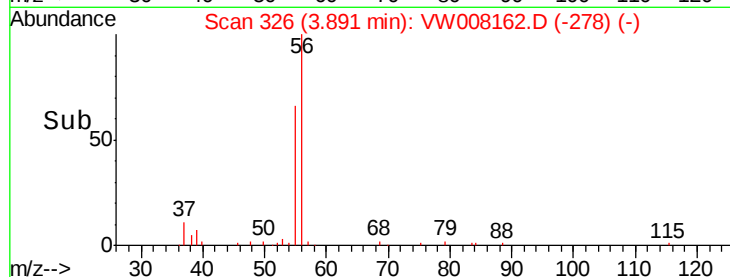
2000

1000

0

3.80 3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 49.735 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

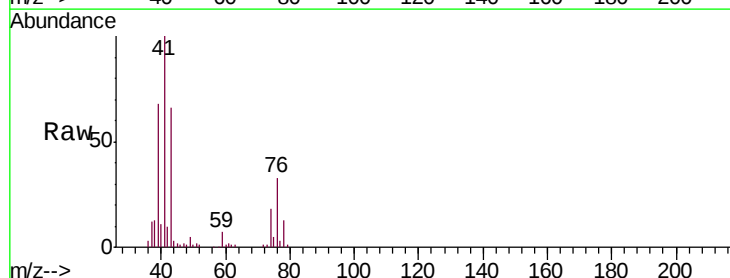
Tgt Ion: 41 Resp: 51580

Ion Ratio Lower Upper

41 100

39 64.2 53.8 80.8

76 33.5 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

20000

15000

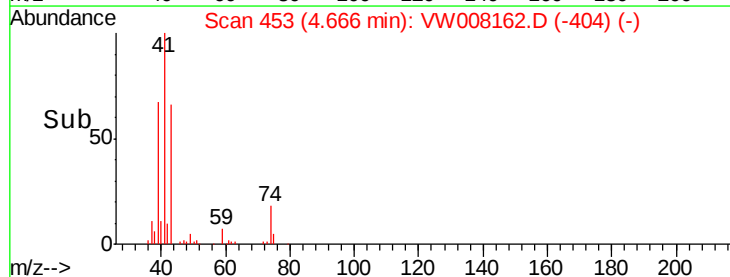
10000

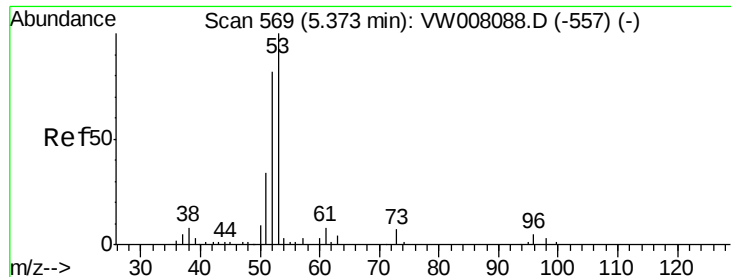
5000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 360.475 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

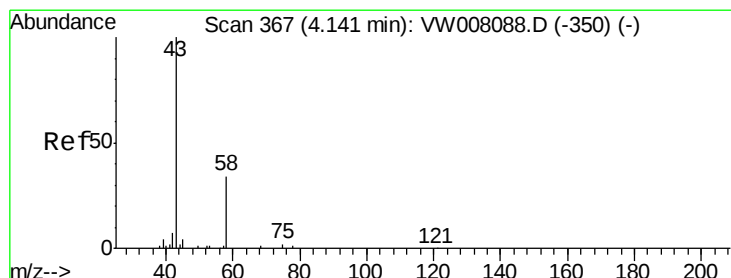
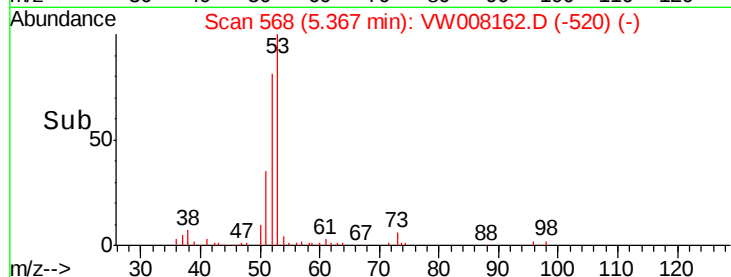
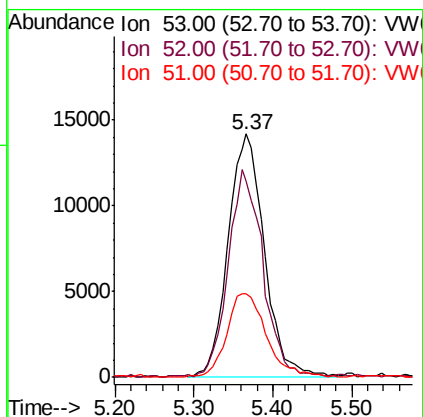
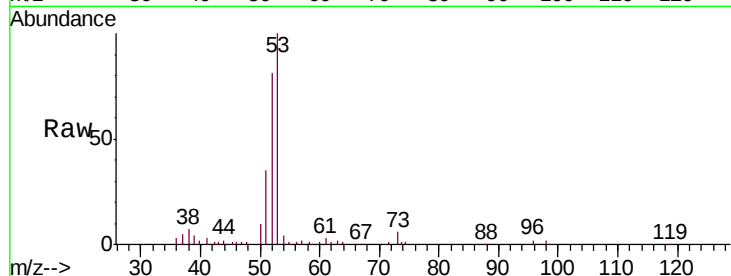
Tgt Ion: 53 Resp: 45464

Ion Ratio Lower Upper

53 100

52 82.1 66.8 100.2

51 37.7 29.7 44.5



#16

Acetone

Concen: 453.599 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008162.D

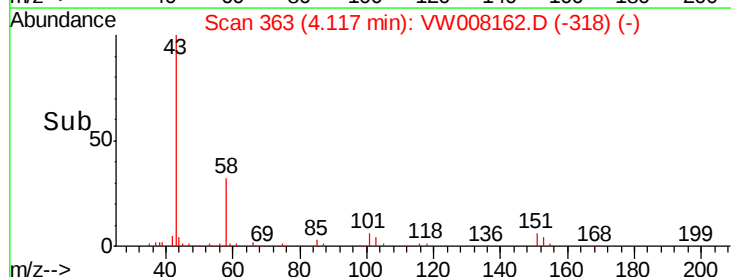
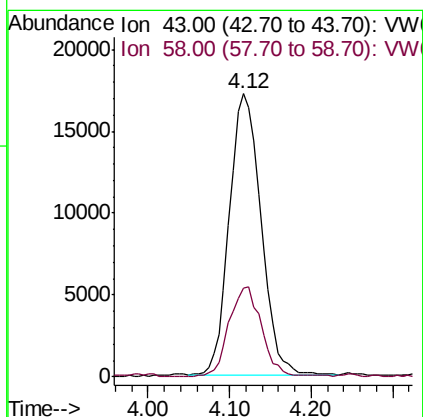
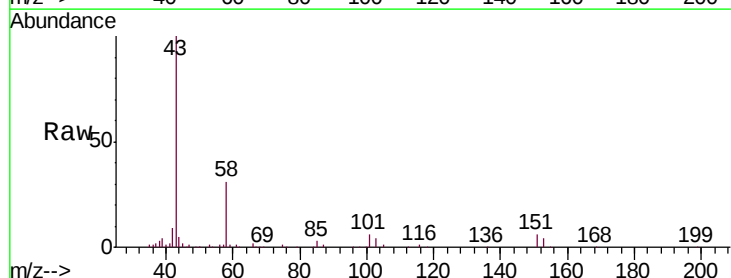
Acq: 10 Jan 2019 21:13

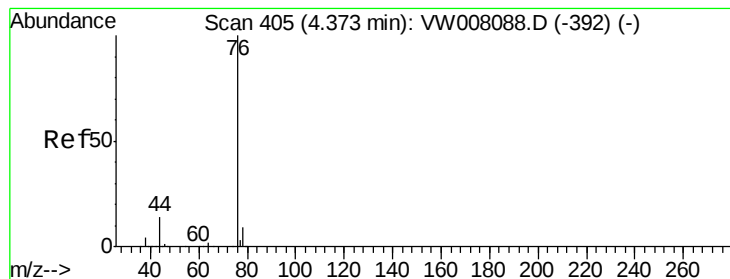
Tgt Ion: 43 Resp: 45983

Ion Ratio Lower Upper

43 100

58 31.7 27.5 41.3





#17

Carbon Disulfide

Concen: 45.570 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

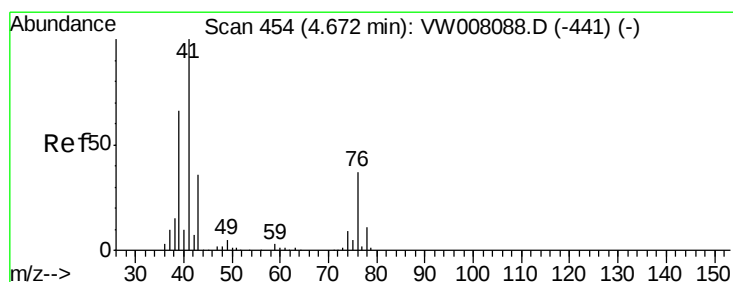
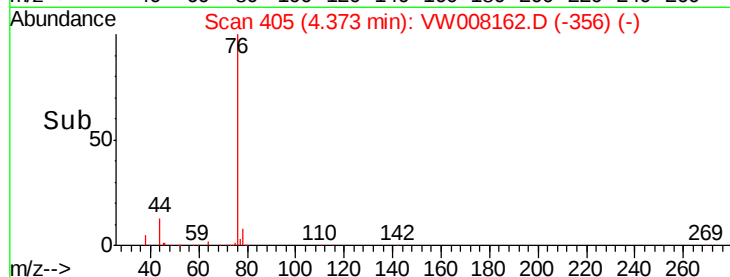
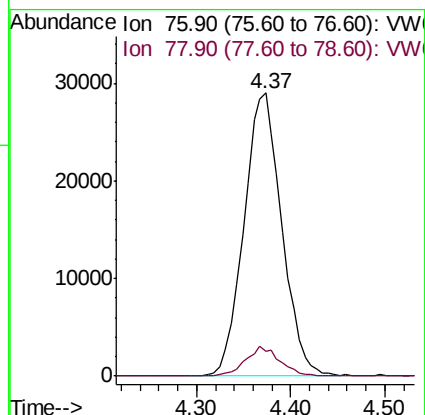
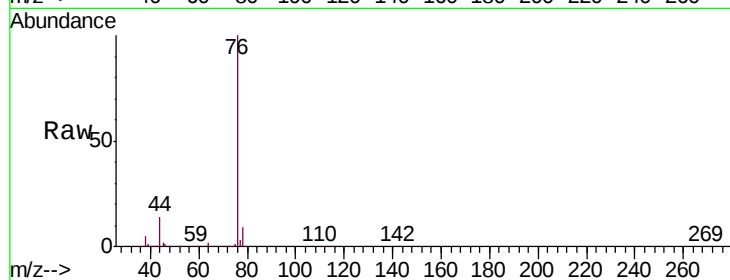
CPSB-07(15-20)MSD

Tgt Ion: 76 Resp: 81315

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 89.289 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008162.D

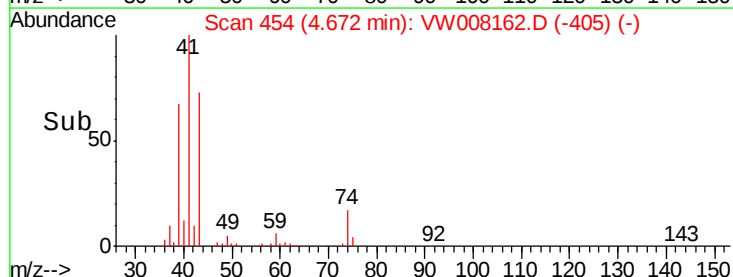
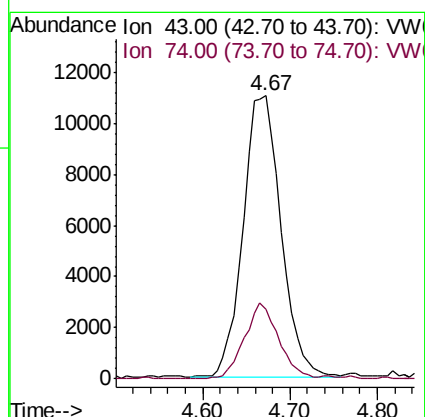
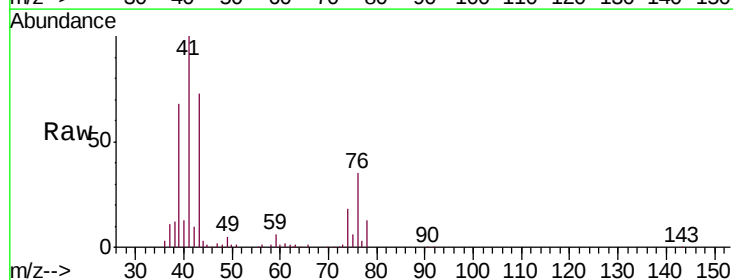
Acq: 10 Jan 2019 21:13

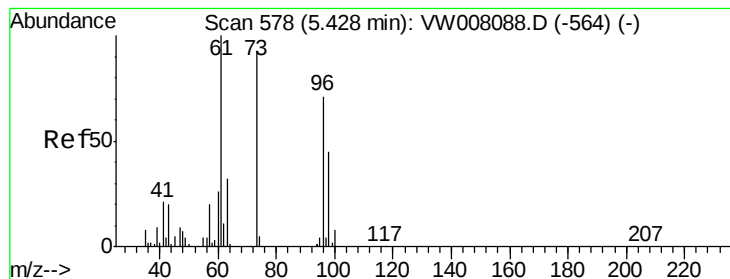
Tgt Ion: 43 Resp: 33083

Ion Ratio Lower Upper

43 100

74 24.5 19.0 28.4



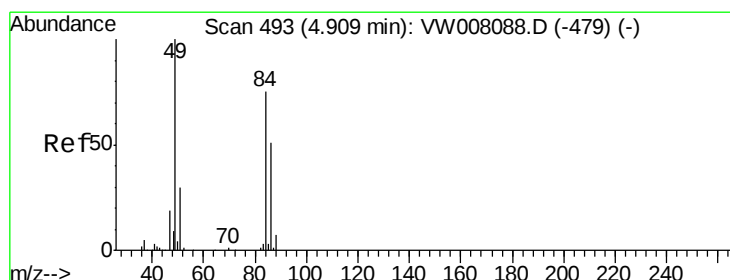
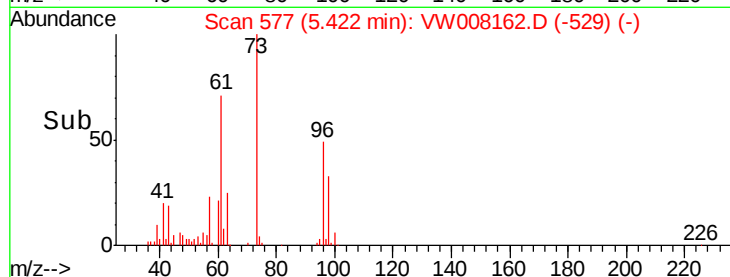
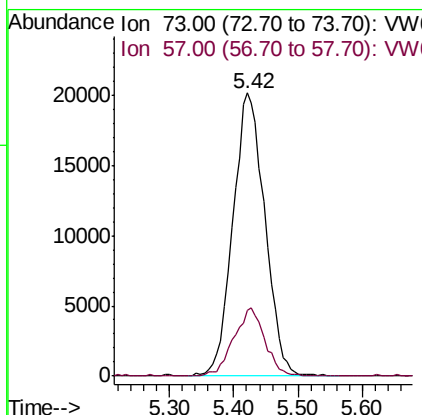
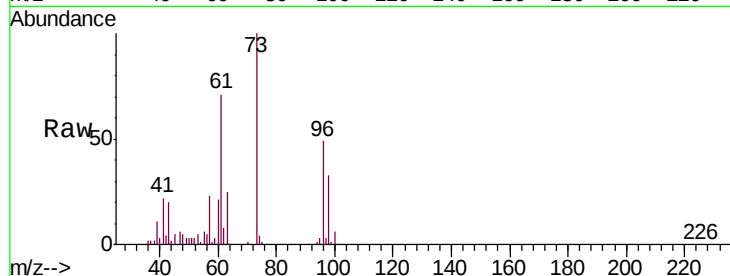


#19

Methyl tert-butyl Ether
 Concen: 74.541 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

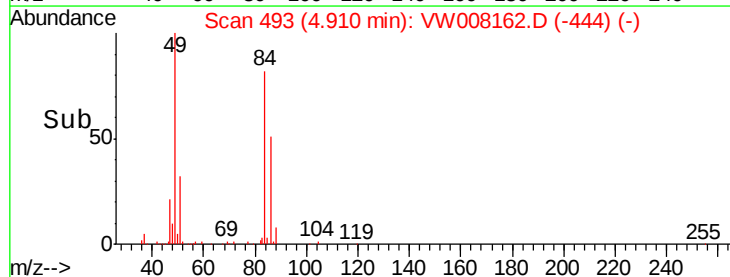
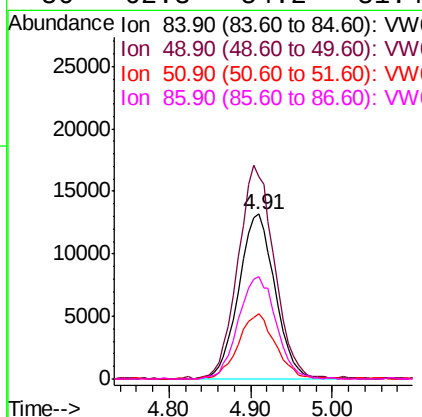
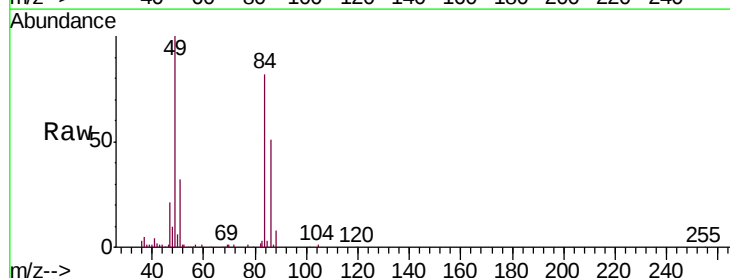
Tgt Ion: 73 Resp: 69221
 Ion Ratio Lower Upper
 73 100
 57 23.4 16.7 25.1

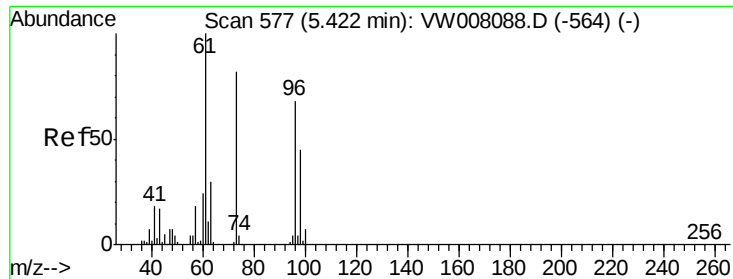


#20

Methylene Chloride
 Concen: 73.219 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 84 Resp: 40972
 Ion Ratio Lower Upper
 84 100
 49 121.8 107.1 160.7
 51 39.5 32.4 48.6
 86 62.3 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 52.666 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

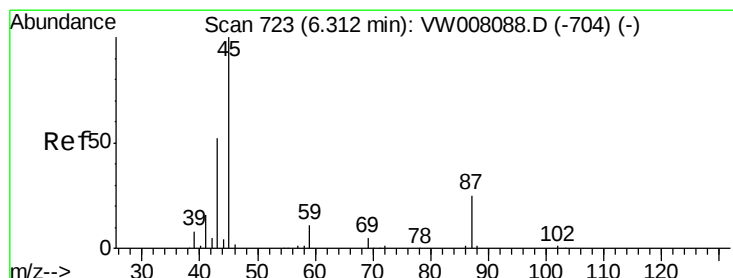
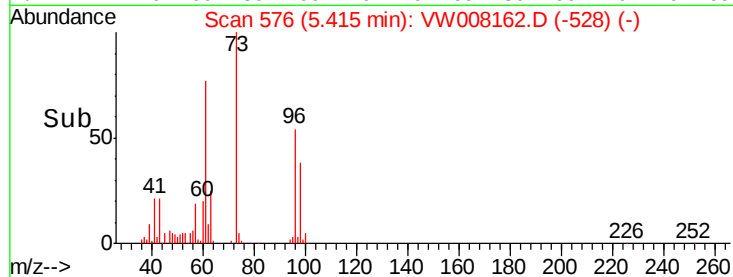
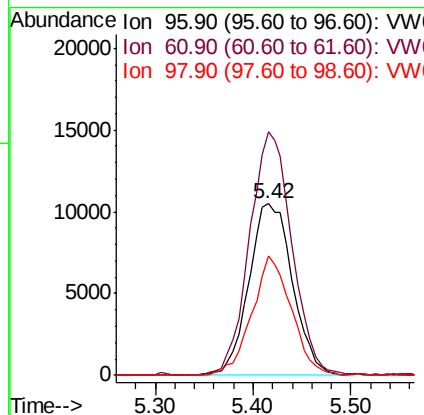
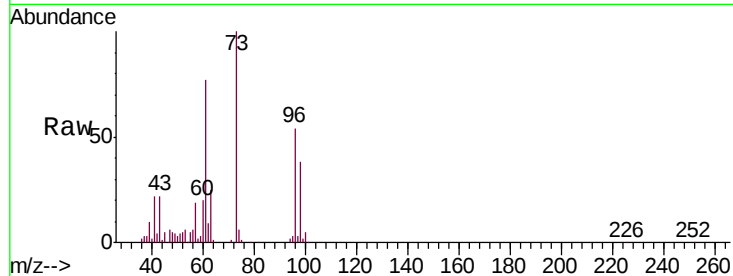
Tgt Ion: 96 Resp: 32692

Ion Ratio Lower Upper

96 100

61 141.9 117.4 176.0

98 69.5 52.2 78.4



#22

Diisopropyl ether

Concen: 66.232 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion: 45 Resp: 131001

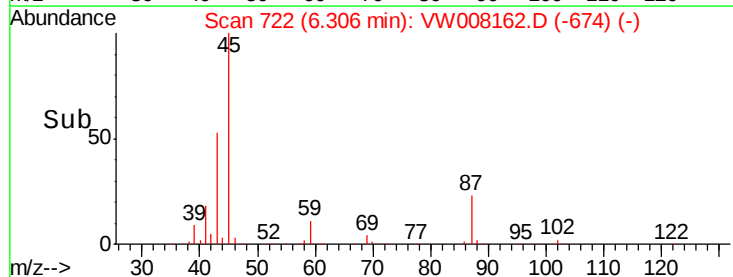
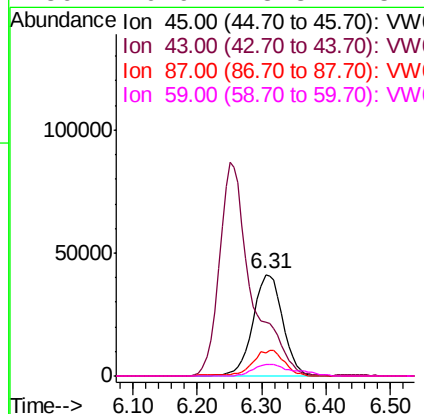
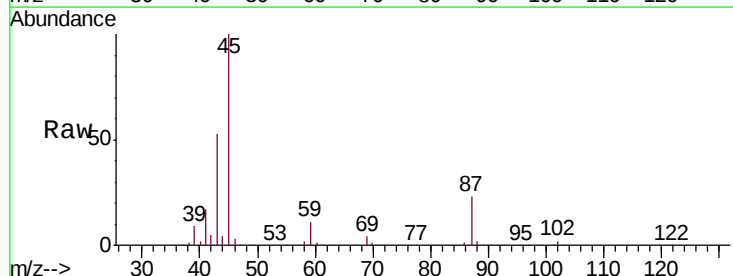
Ion Ratio Lower Upper

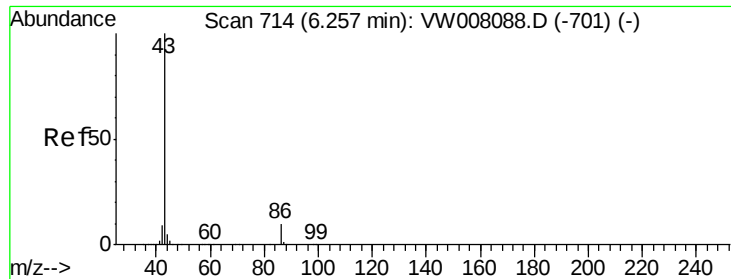
45 100

43 52.9 41.7 62.5

87 23.1 20.1 30.1

59 10.9 8.8 13.2





#23

Vinyl Acetate

Concen: 291.621 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

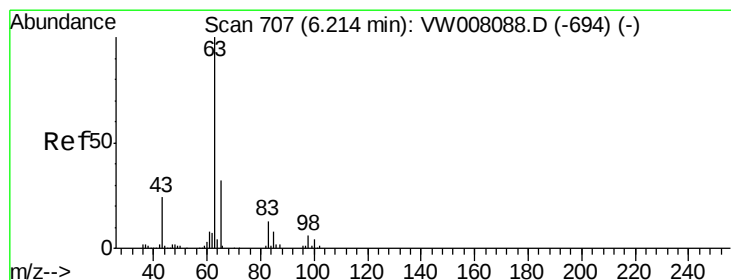
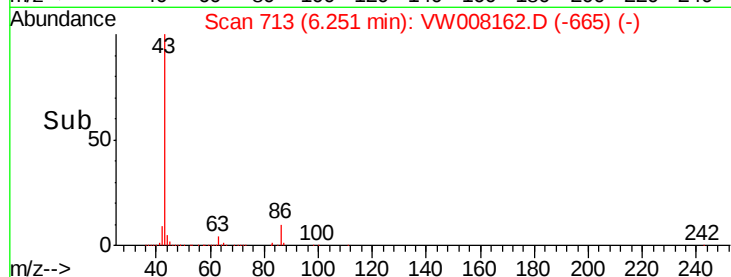
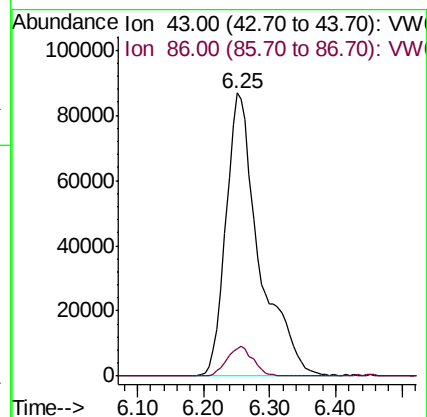
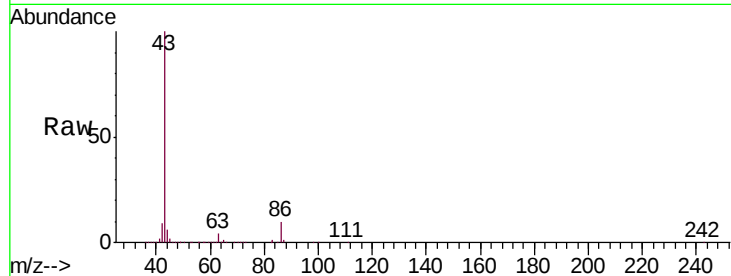
CPSB-07(15-20)MSD

Tgt Ion: 43 Resp: 302934

Ion Ratio Lower Upper

43 100

86 9.8 7.7 11.5



#24

1,1-Dichloroethane

Concen: 56.934 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

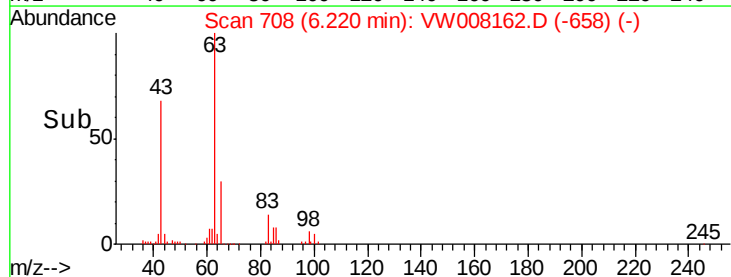
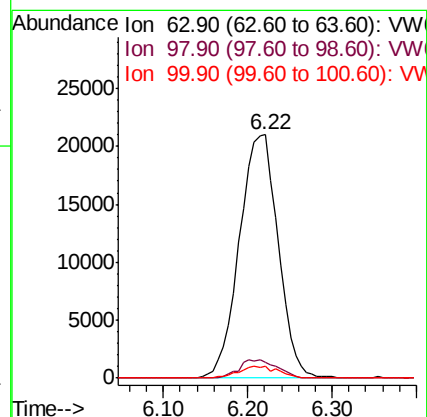
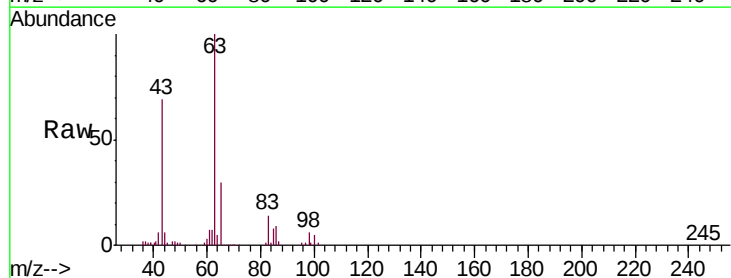
Tgt Ion: 63 Resp: 65613

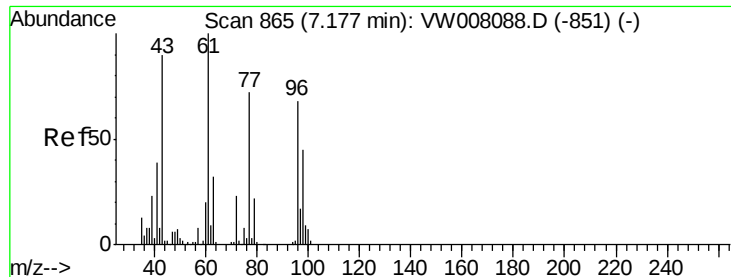
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.9 2.0 6.0





#25

2-Butanone

Concen: 366.571 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

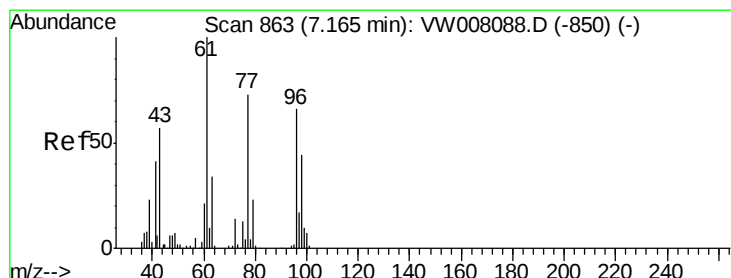
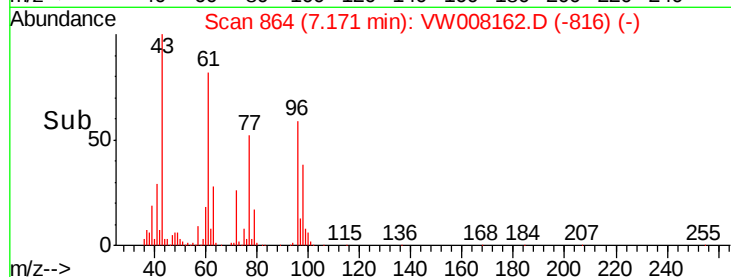
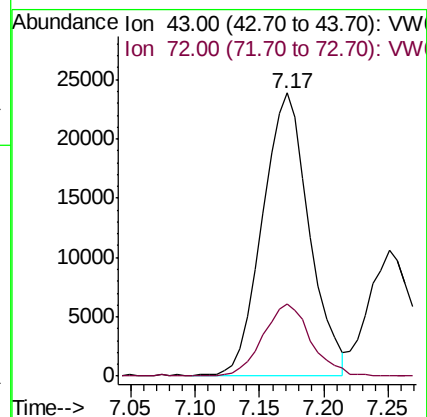
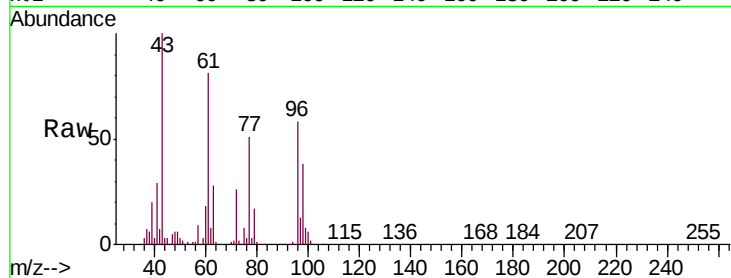
CPSB-07(15-20)MSD

Tgt Ion: 43 Resp: 59791

Ion Ratio Lower Upper

43 100

72 25.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 51.168 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008162.D

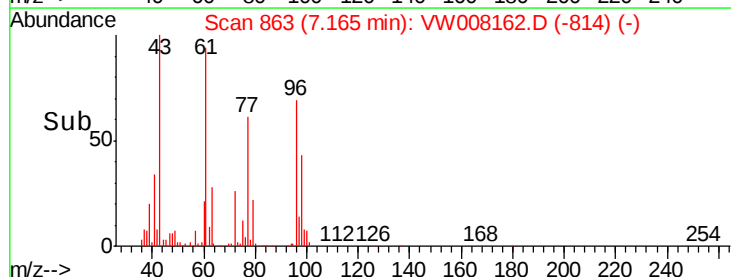
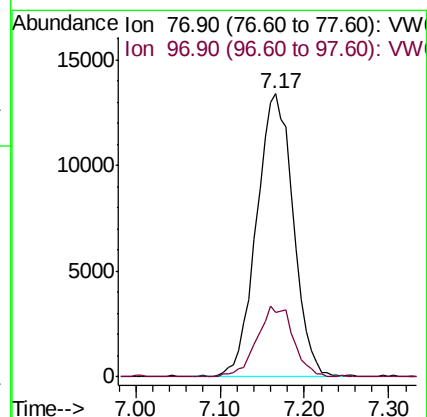
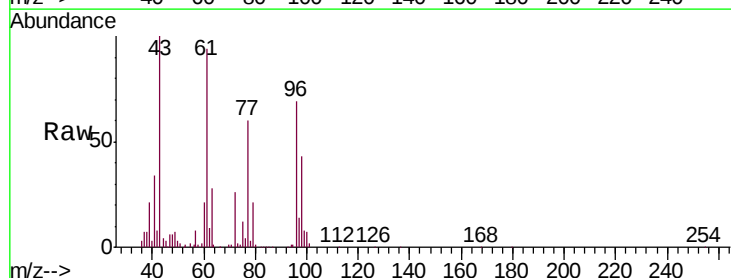
Acq: 10 Jan 2019 21:13

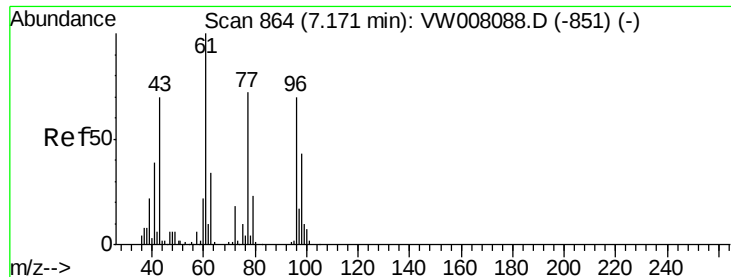
Tgt Ion: 77 Resp: 39955

Ion Ratio Lower Upper

77 100

97 24.7 11.4 34.1



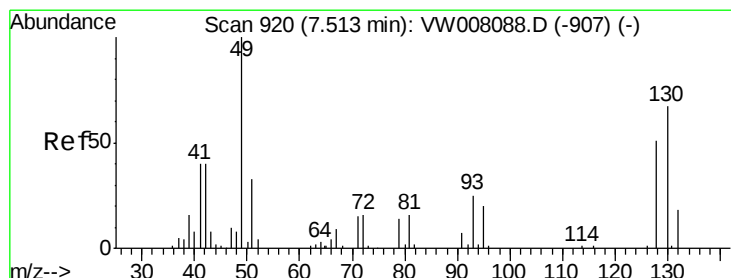
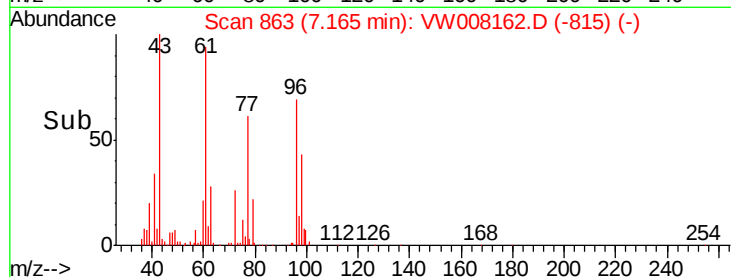
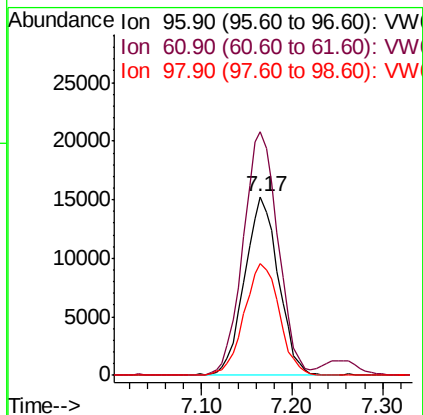
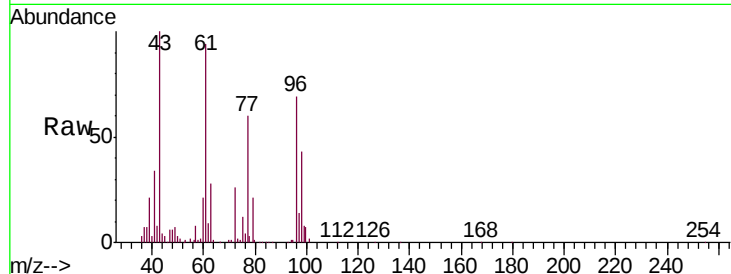


#27

cis-1,2-Dichloroethene
Concen: 58.028 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

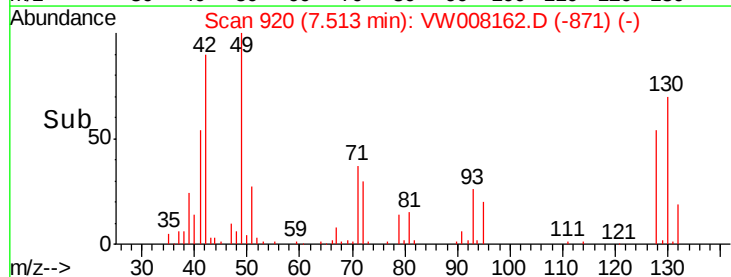
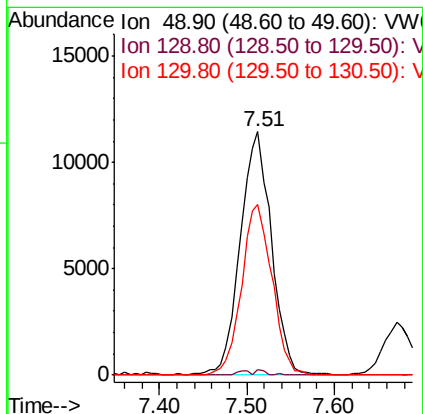
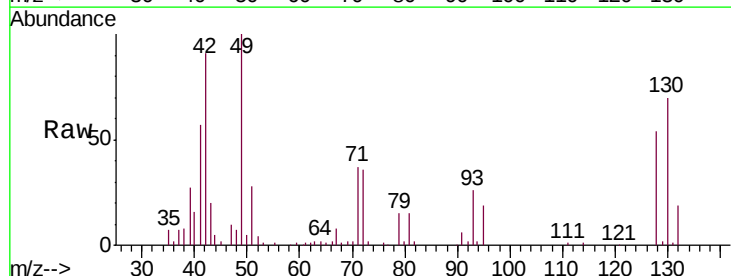
Tgt Ion: 96 Resp: 39300
Ion Ratio Lower Upper
96 100
61 141.0 0.0 300.4
98 64.9 0.0 128.4

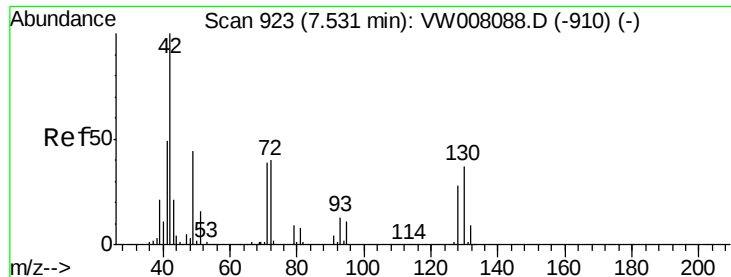


#28

Bromochloromethane
Concen: 62.152 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion: 49 Resp: 28331
Ion Ratio Lower Upper
49 100
129 0.6 0.0 2.8
130 68.2 54.3 81.5

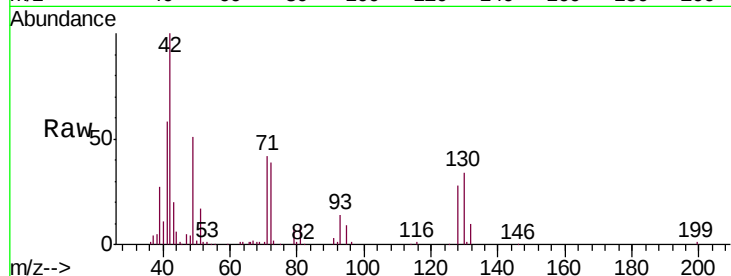




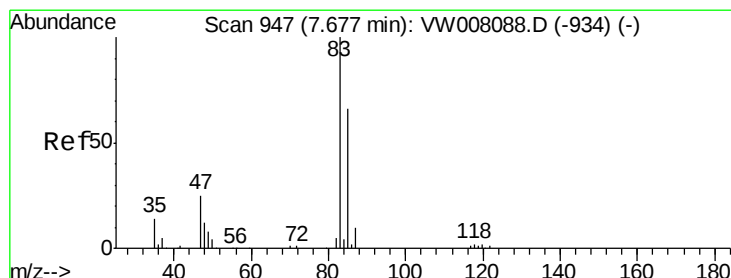
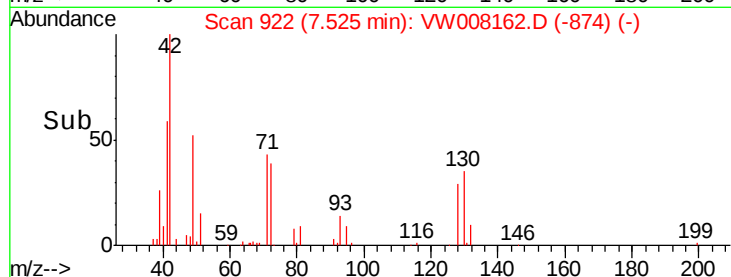
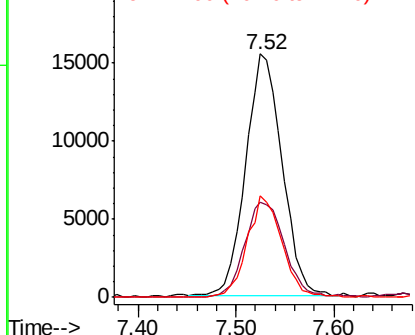
#29
Tetrahydrofuran
Concen: 366.236 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

Tgt Ion: 42 Resp: 39903
Ion Ratio Lower Upper
42 100
72 43.2 32.4 48.6
71 40.0 31.3 46.9

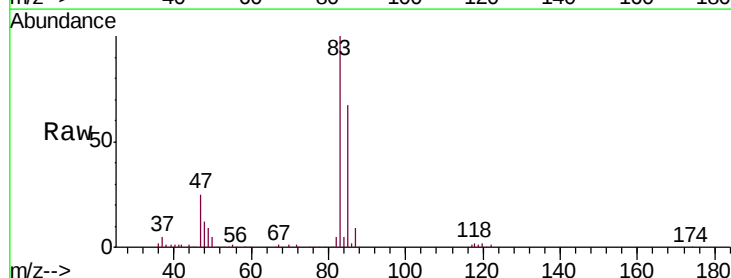


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

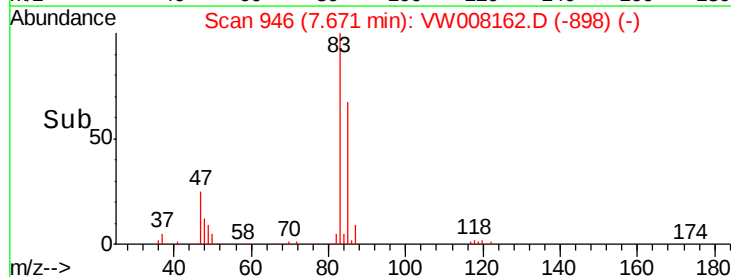
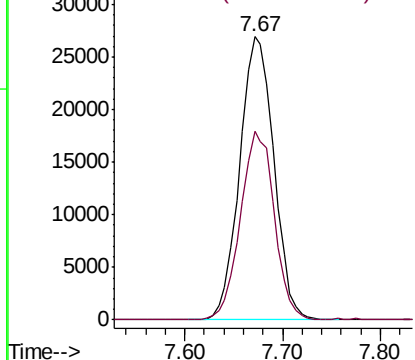


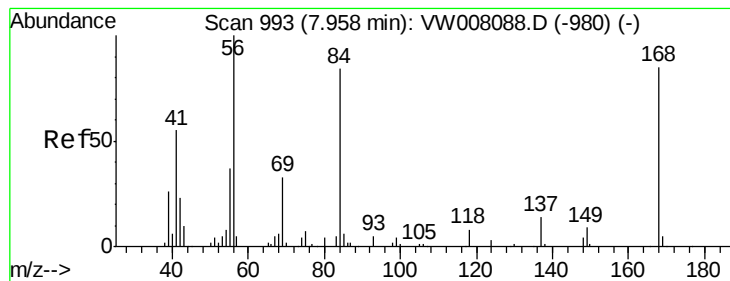
#30
Chloroform
Concen: 59.780 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion: 83 Resp: 65576
Ion Ratio Lower Upper
83 100
85 66.6 53.2 79.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 23.165 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

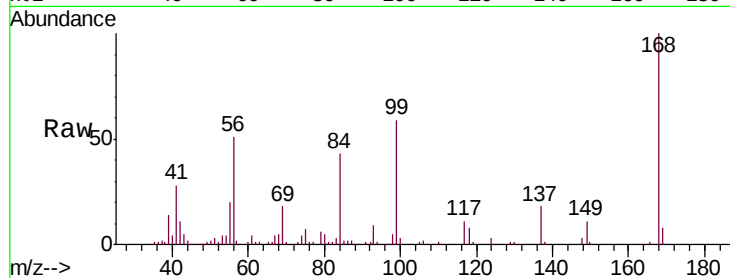
Tgt Ion: 56 Resp: 28579

Ion Ratio Lower Upper

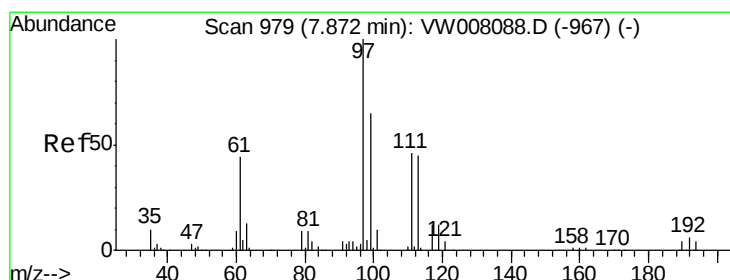
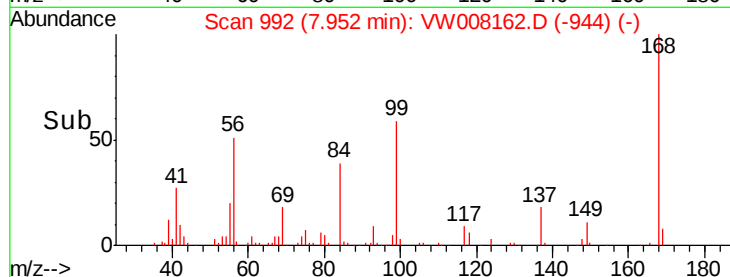
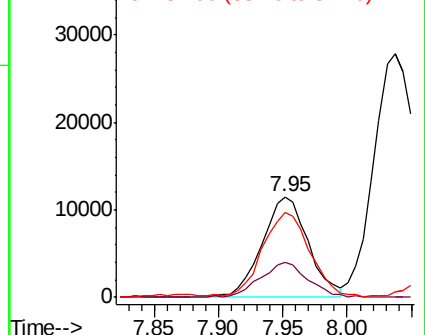
56 100

69 33.1 26.2 39.4

84 81.4 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 49.122 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

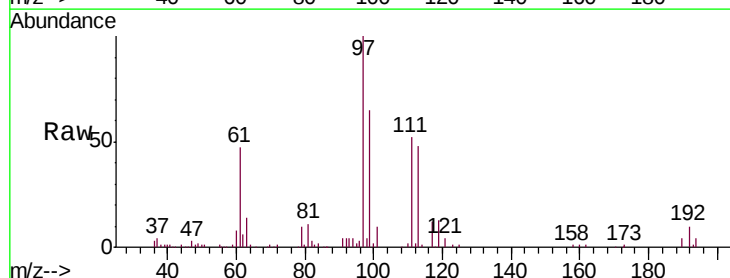
Tgt Ion: 97 Resp: 46886

Ion Ratio Lower Upper

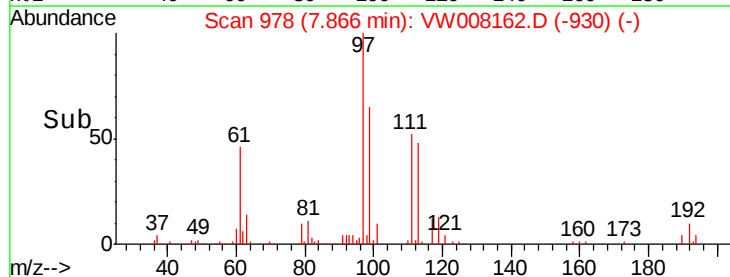
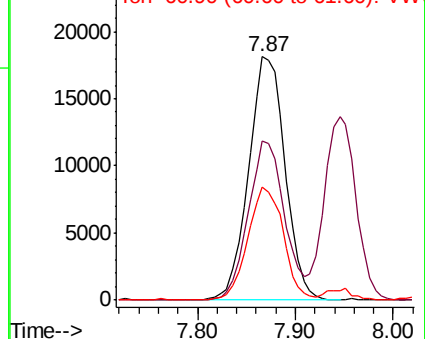
97 100

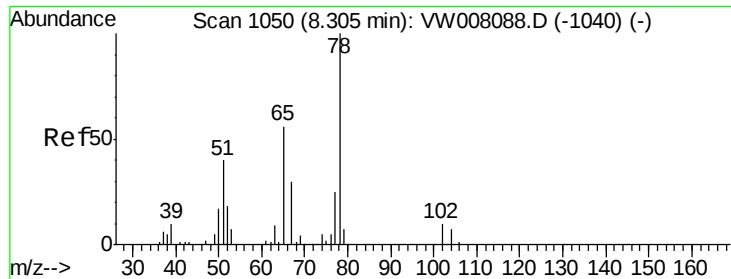
99 65.0 51.4 77.0

61 45.4 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

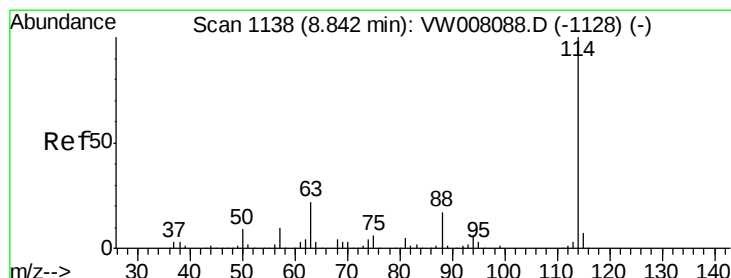
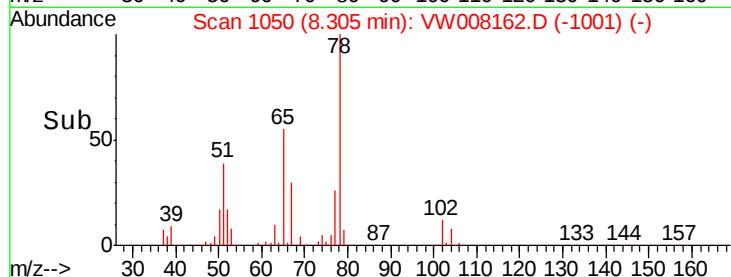
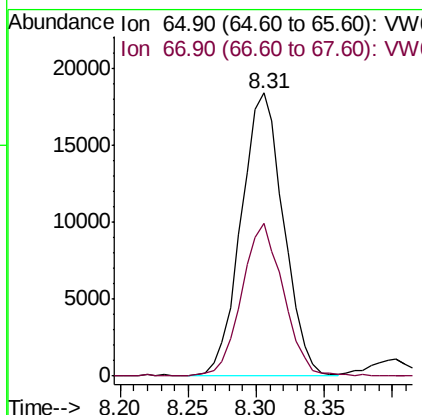
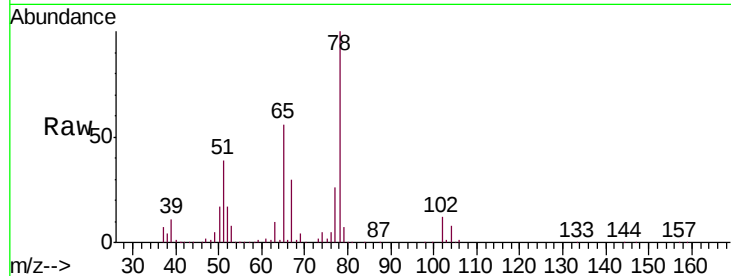




#33
 1,2-Dichloroethane-d4
 Concen: 68.527 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

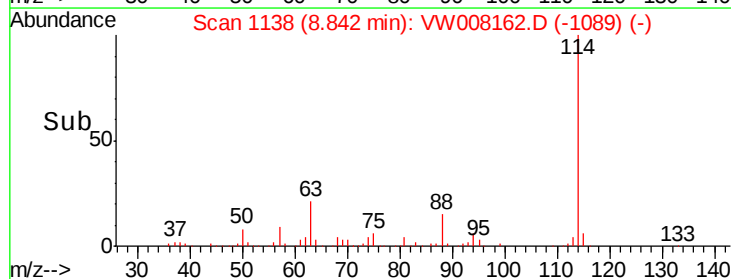
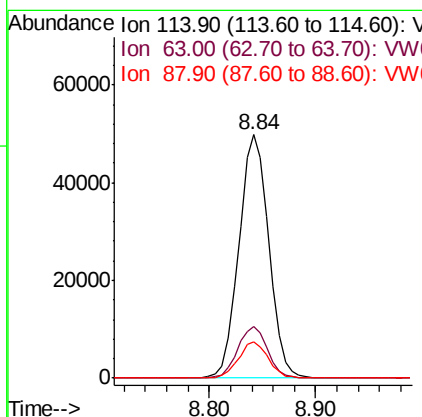
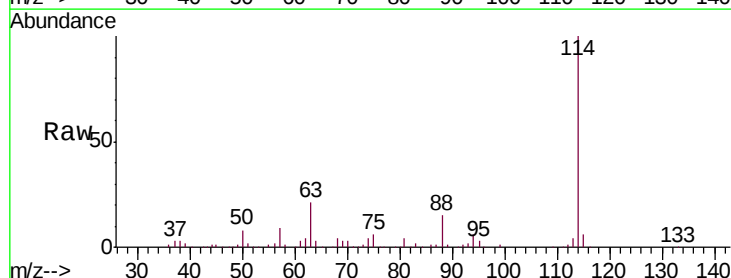
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

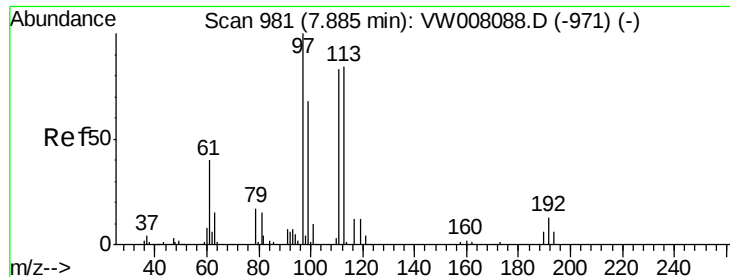
Tgt Ion: 65 Resp: 40173
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 114 Resp: 98066
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.4
 88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 63.162 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

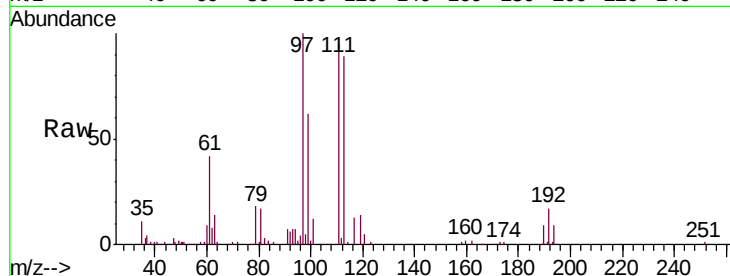
Tgt Ion:113 Resp: 36126

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

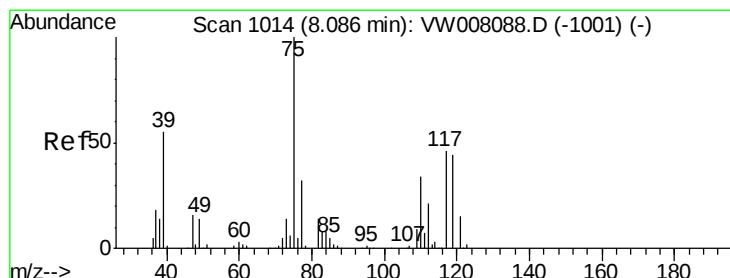
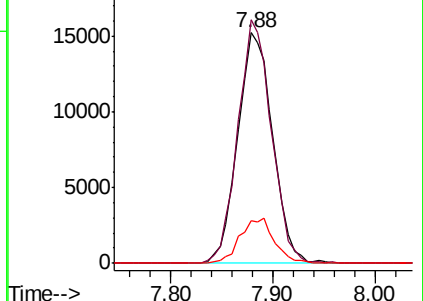
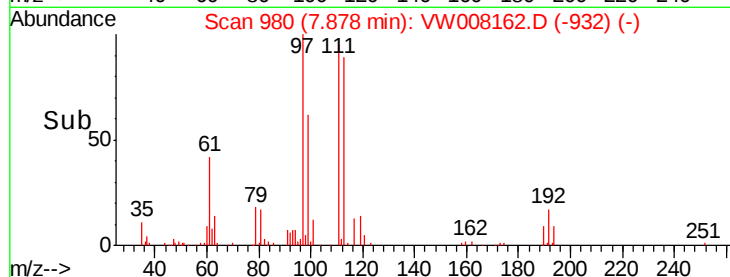
192 19.2 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 40.639 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

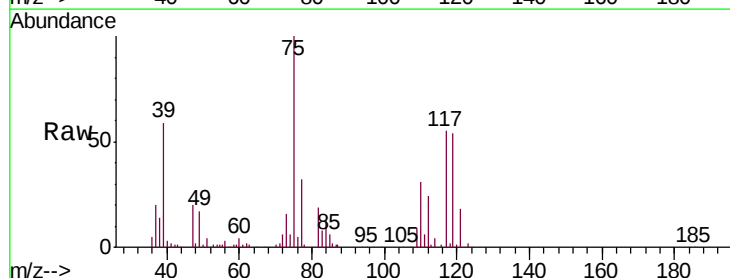
Tgt Ion: 75 Resp: 41053

Ion Ratio Lower Upper

75 100

110 34.4 17.1 51.3

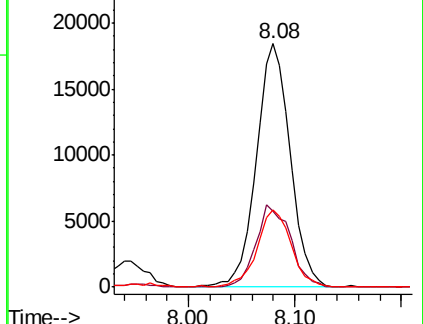
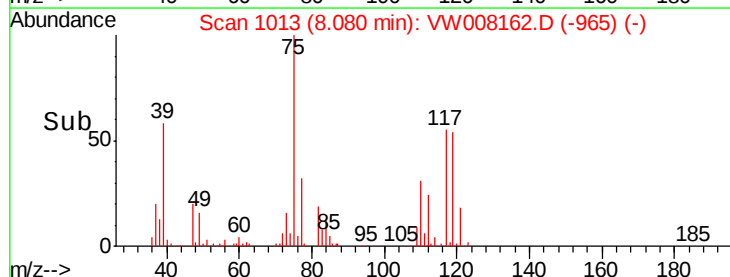
77 32.2 25.5 38.3

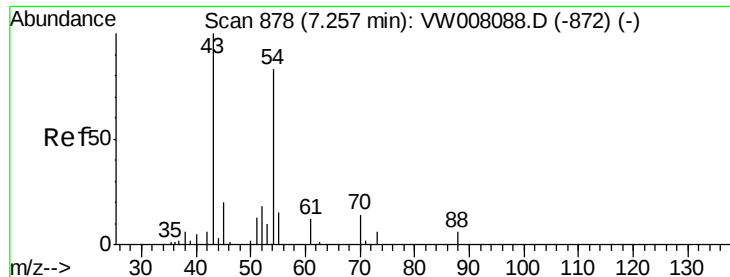


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 64.118 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

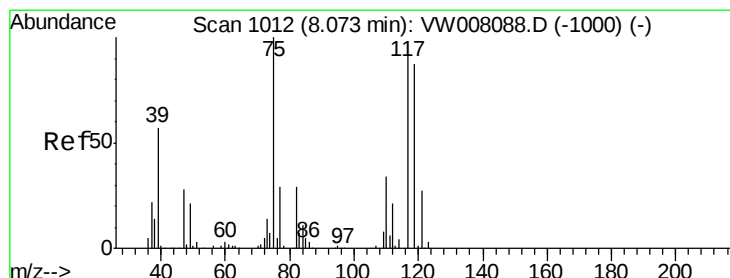
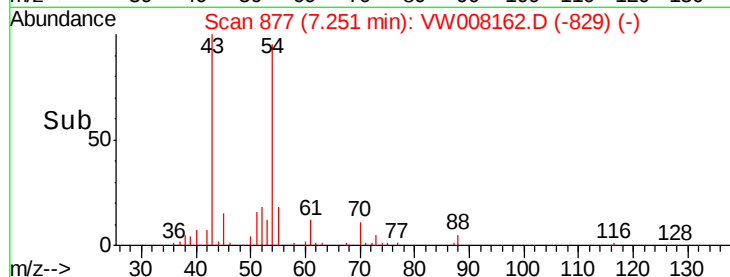
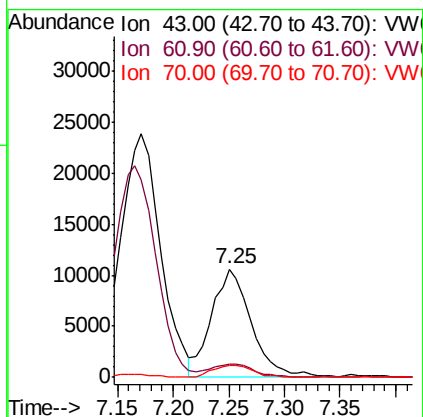
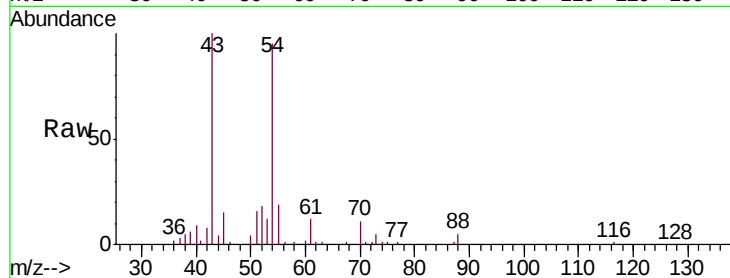
Tgt Ion: 43 Resp: 25949

Ion Ratio Lower Upper

43 100

61 13.8 10.6 16.0

70 11.9 8.9 13.3



#38

Carbon Tetrachloride

Concen: 39.635 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

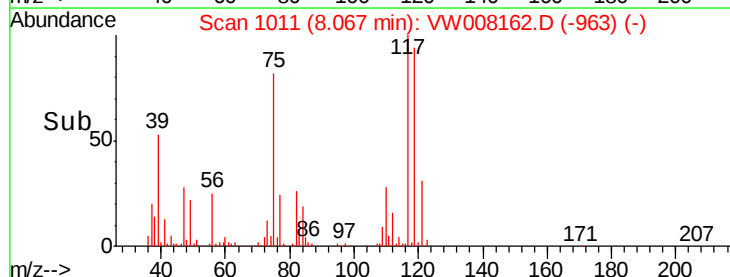
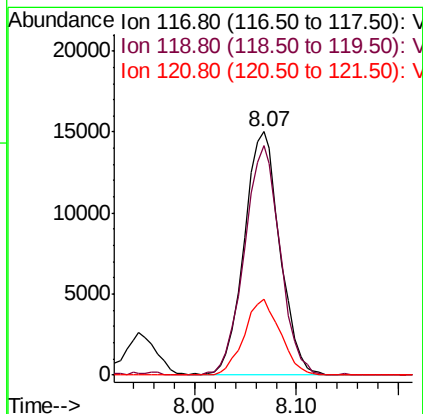
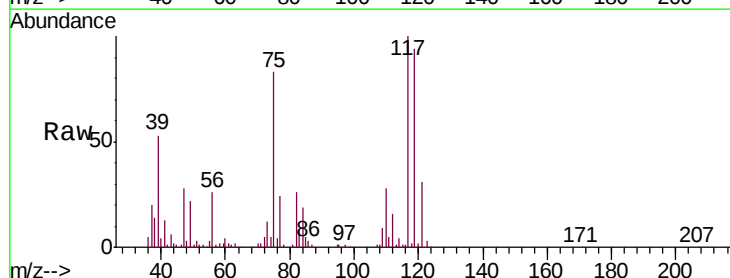
Tgt Ion: 117 Resp: 36646

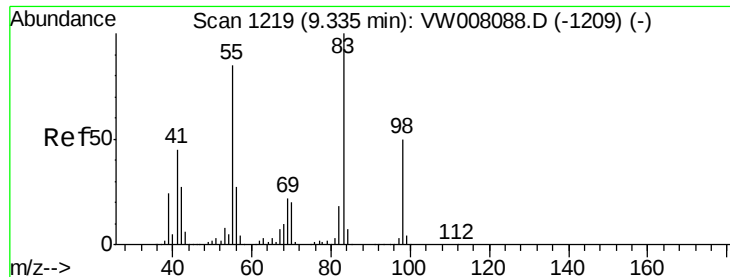
Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.8

121 31.1 23.7 35.5

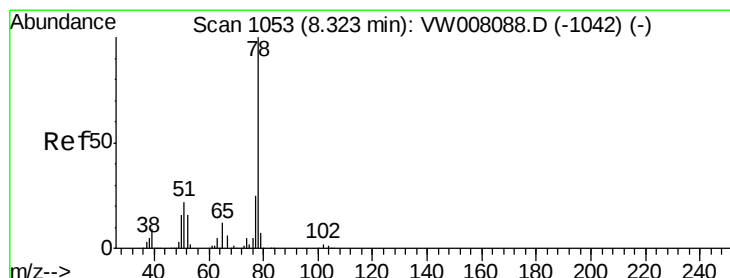
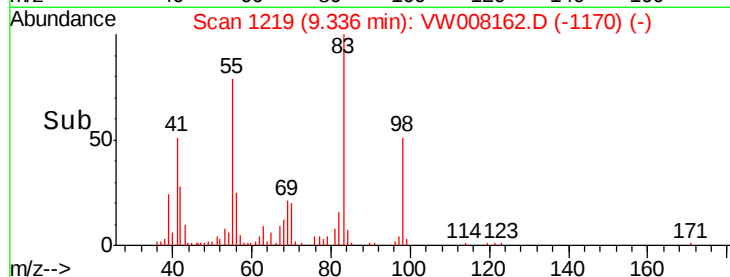
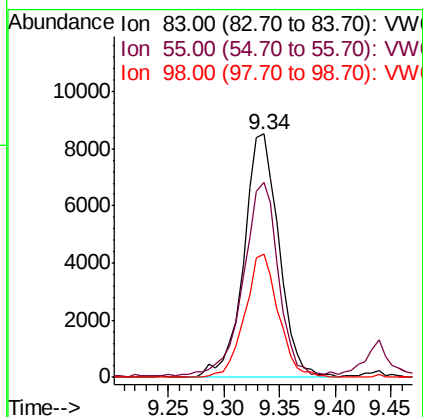
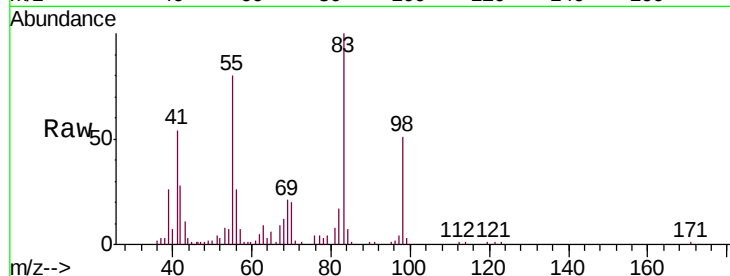




#39
Methylcyclohexane
Concen: 14.631 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

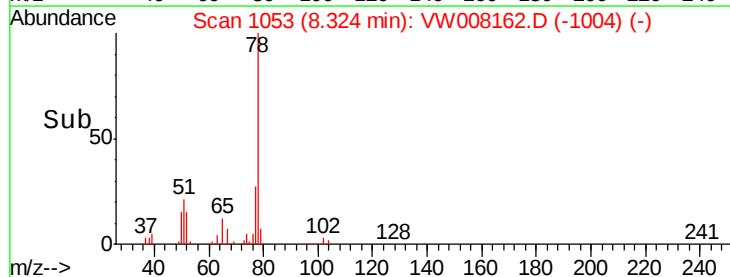
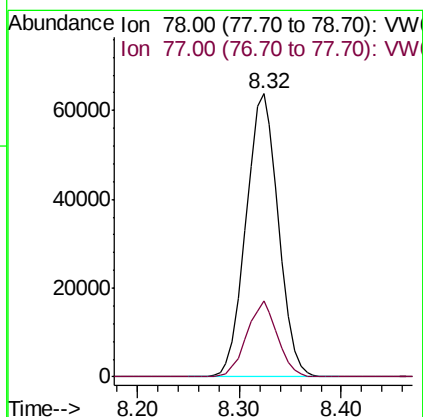
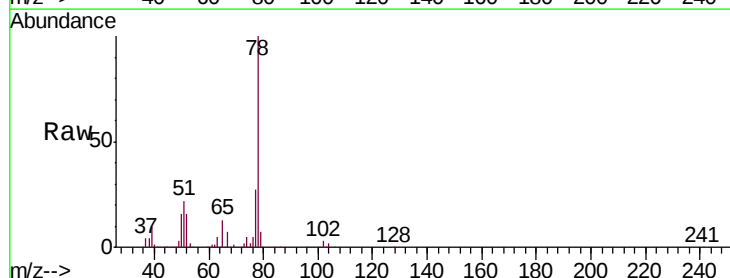
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

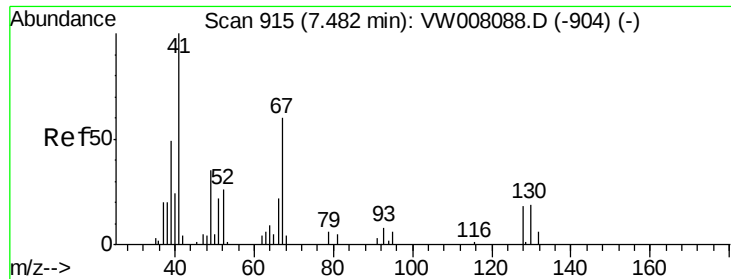
Tgt Ion: 83 Resp: 18740
Ion Ratio Lower Upper
83 100
55 79.1 67.8 101.6
98 50.8 40.2 60.4



#40
Benzene
Concen: 51.365 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion: 78 Resp: 140735
Ion Ratio Lower Upper
78 100
77 26.7 20.2 30.4





#41

Methacrylonitrile

Concen: 51.926 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tgt Ion: 41 Resp: 13275

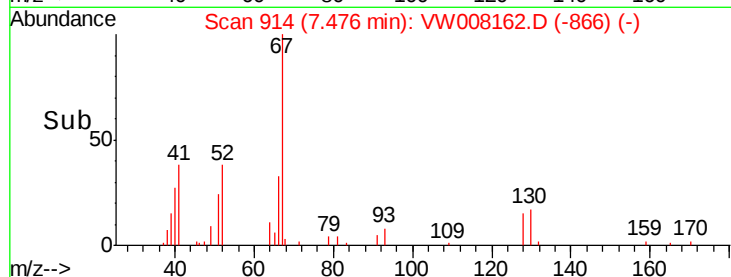
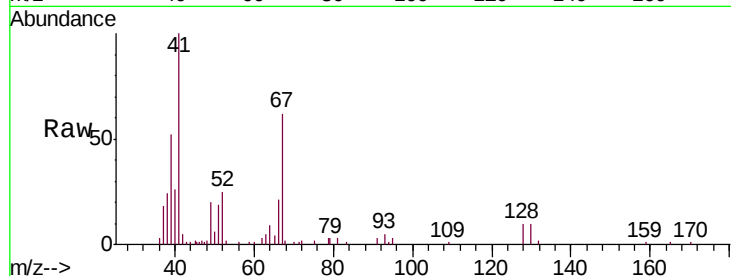
Ion Ratio Lower Upper

41 100

39 69.1 47.9 71.9

67 84.7 56.3 84.5#

52 37.2 24.5 36.7#

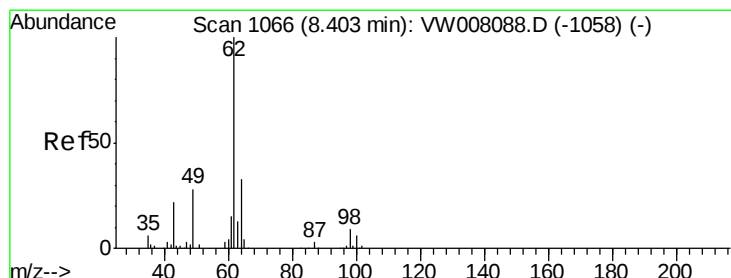
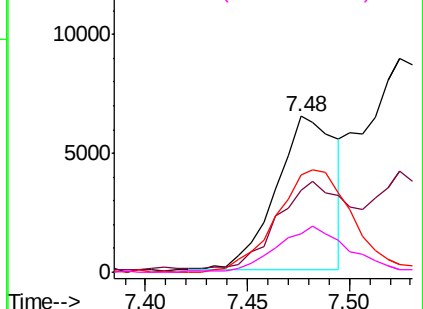


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 58.119 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW008162.D

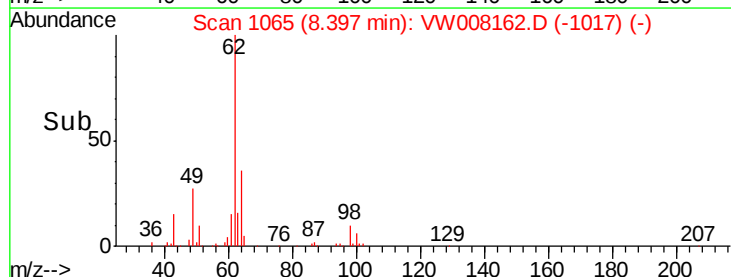
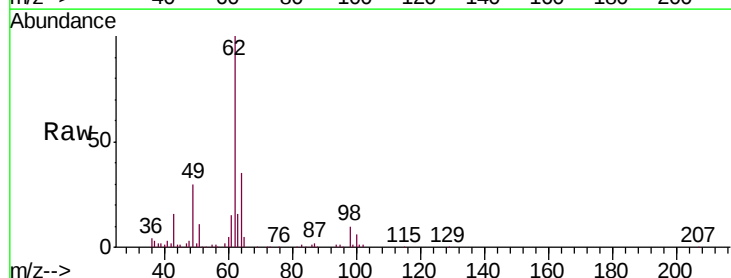
Acq: 10 Jan 2019 21:13

Tgt Ion: 62 Resp: 44787

Ion Ratio Lower Upper

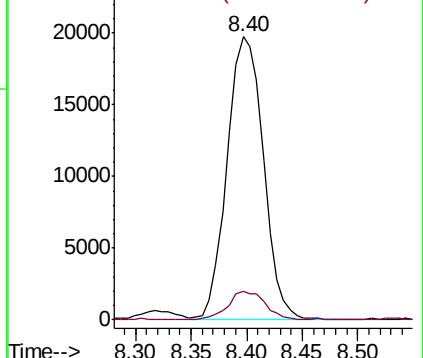
62 100

98 10.7 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 65.771 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

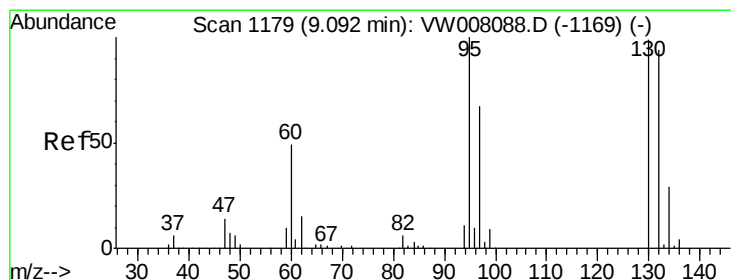
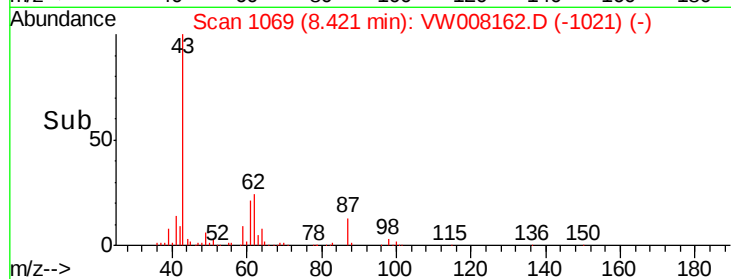
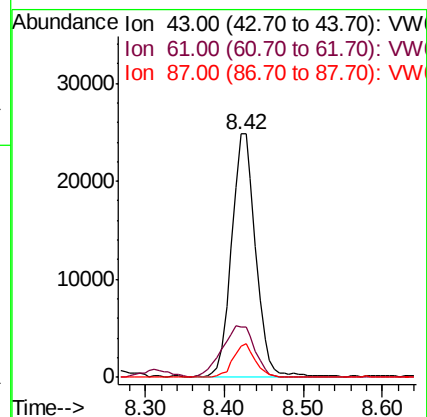
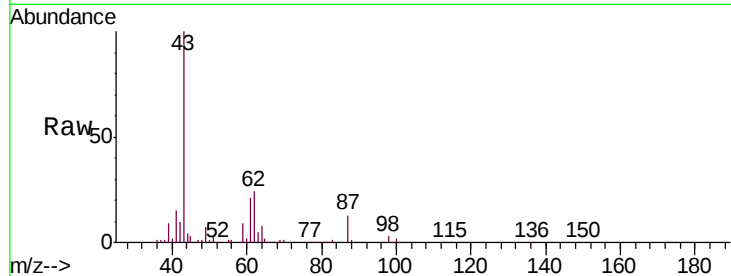
Tgt Ion: 43 Resp: 53220

Ion Ratio Lower Upper

43 100

61 28.6 24.8 37.2

87 12.5 10.4 15.6



#44

Trichloroethene

Concen: 46.526 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008162.D

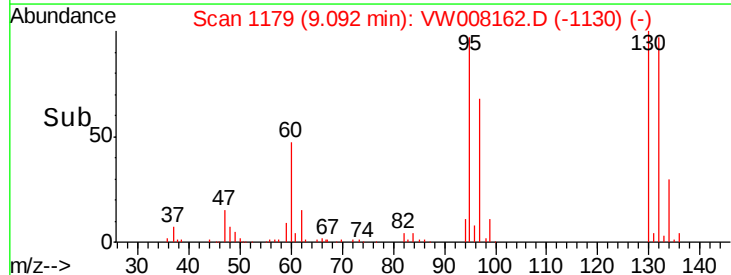
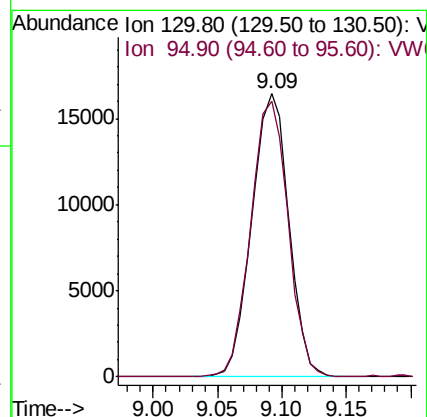
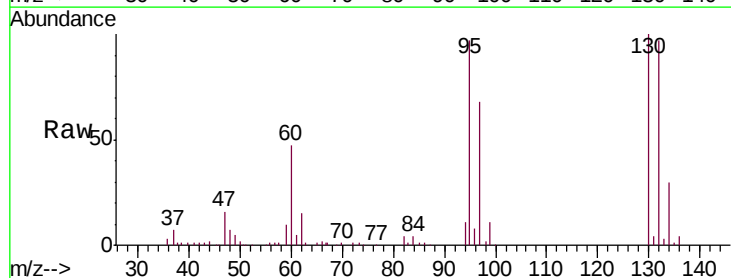
Acq: 10 Jan 2019 21:13

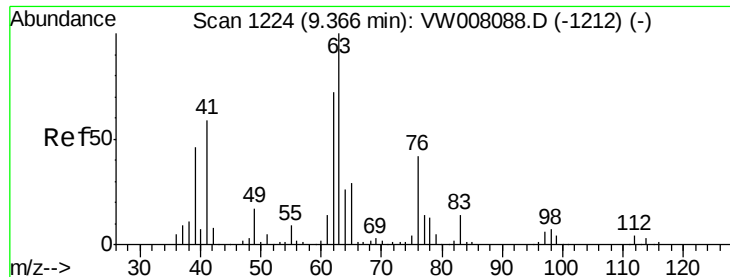
Tgt Ion: 130 Resp: 32632

Ion Ratio Lower Upper

130 100

95 97.0 0.0 202.8

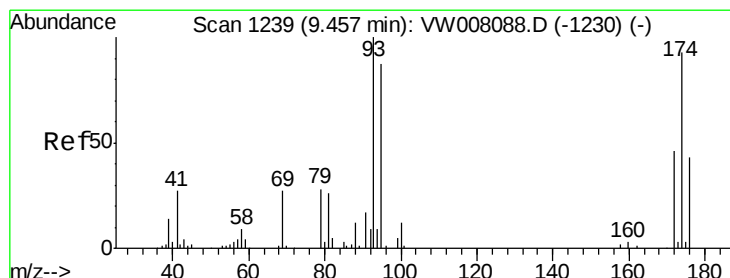
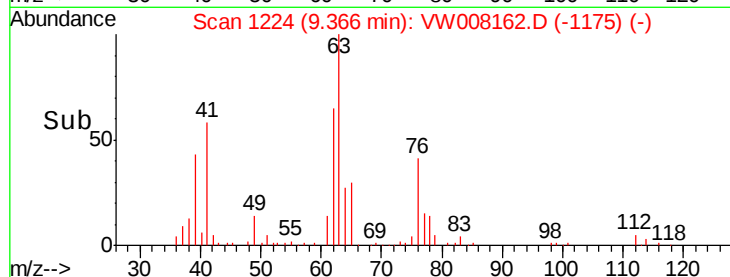
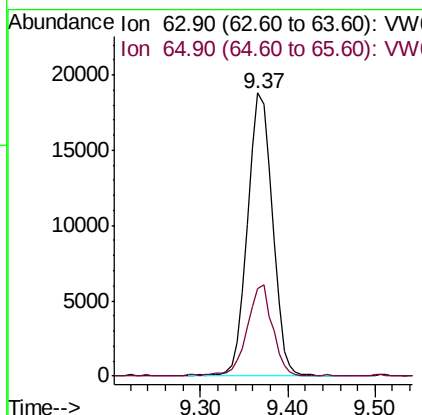
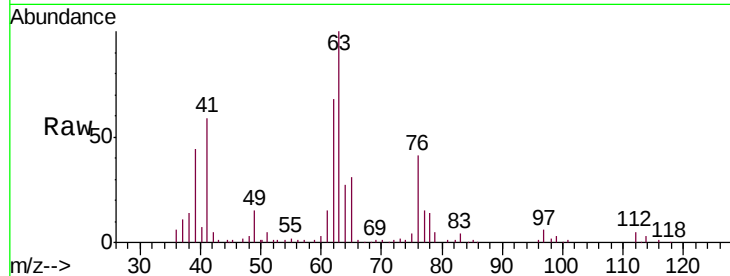




#45
 1,2-Dichloropropane
 Concen: 54.927 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

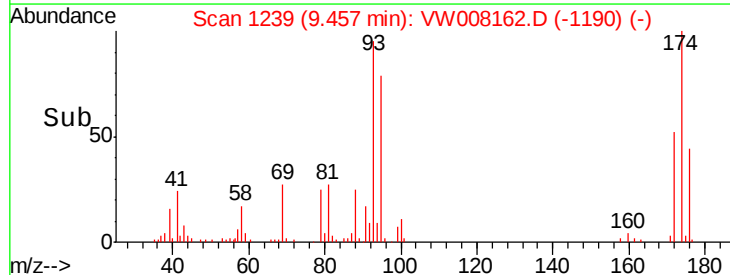
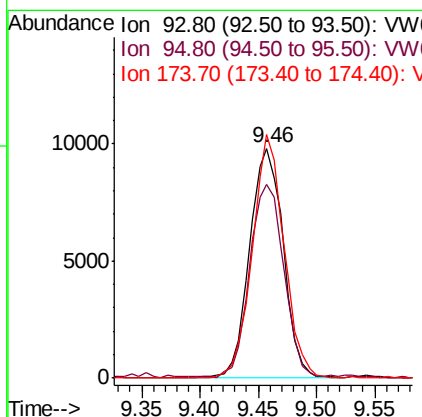
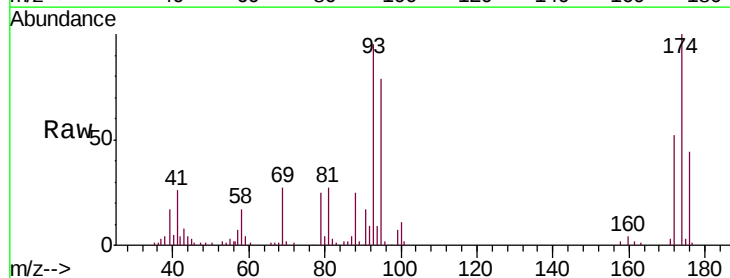
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

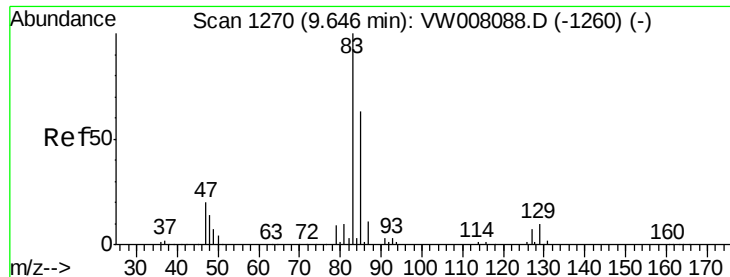
Tgt Ion: 63 Resp: 37316
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.3 34.9



#46
 Dibromomethane
 Concen: 59.557 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 93 Resp: 19871
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.5 101.3
 174 99.1 72.5 108.7





#47

Bromodichloromethane

Concen: 55.511 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

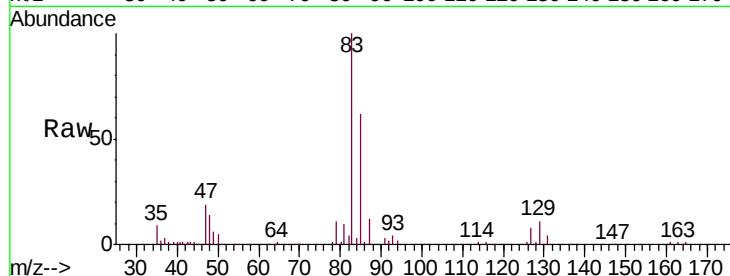
Tgt Ion: 83 Resp: 47028

Ion Ratio Lower Upper

83 100

85 61.6 50.7 76.1

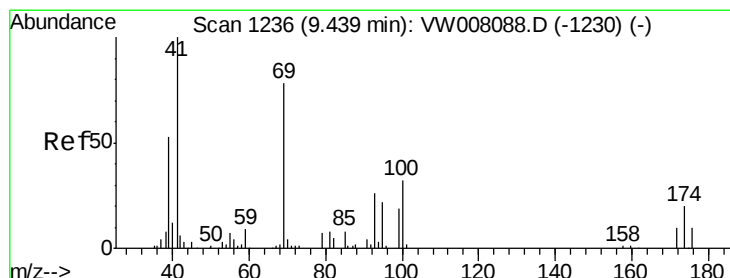
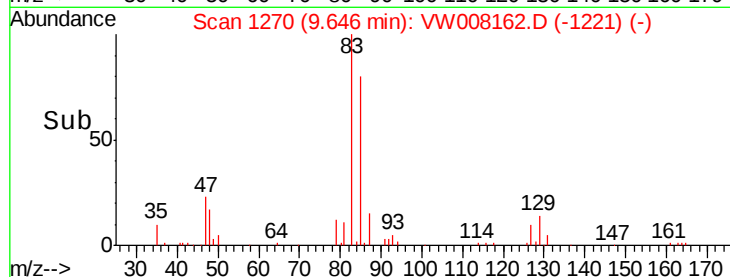
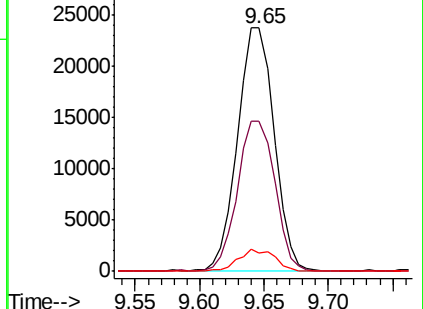
127 7.8 6.0 9.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 66.349 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

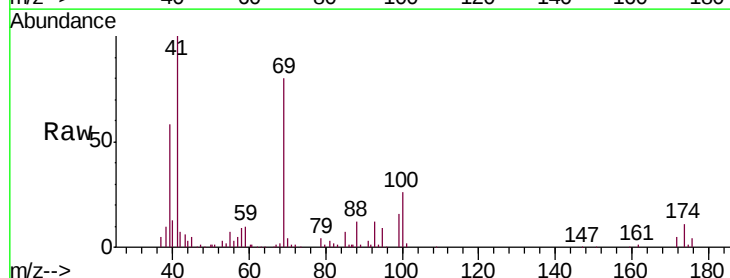
Tgt Ion: 41 Resp: 25333

Ion Ratio Lower Upper

41 100

69 81.0 61.9 92.9

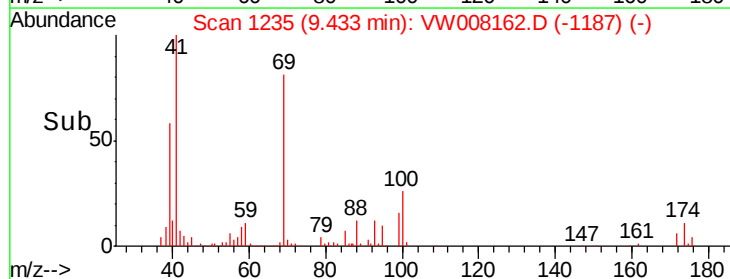
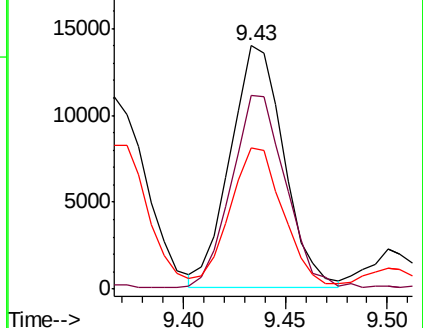
39 57.6 43.0 64.4

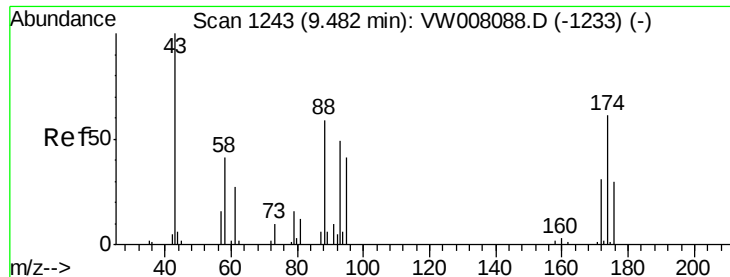


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

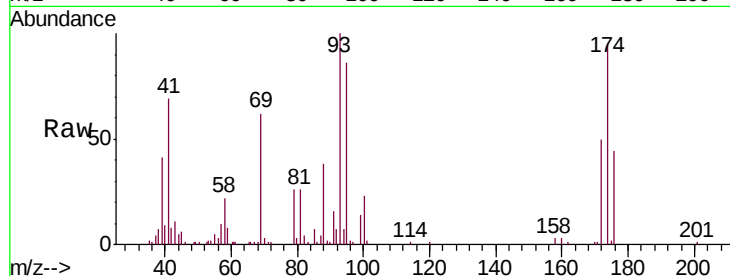




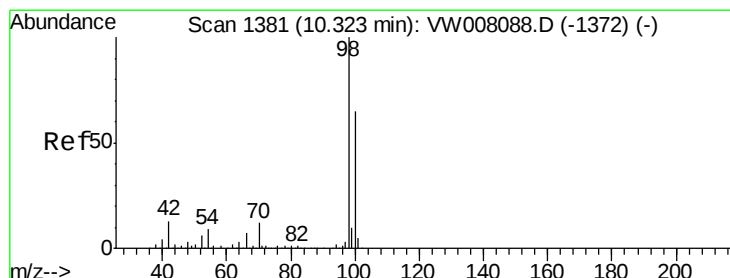
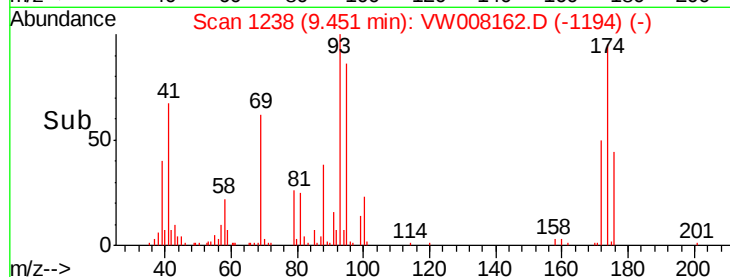
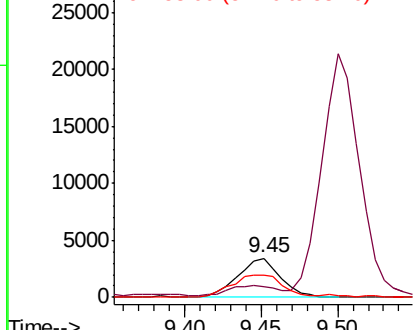
#49
1,4-Dioxane
Concen: 1230.985 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

Tgt Ion: 88 Resp: 6605
Ion Ratio Lower Upper
88 100
43 30.4 0.0 0.0#
58 71.3 61.7 92.5

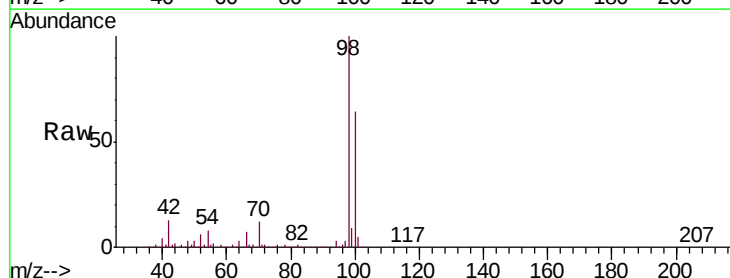


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

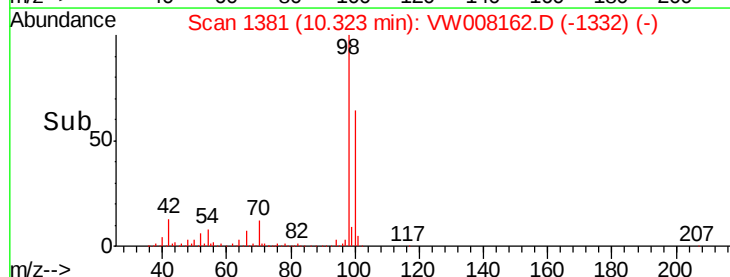
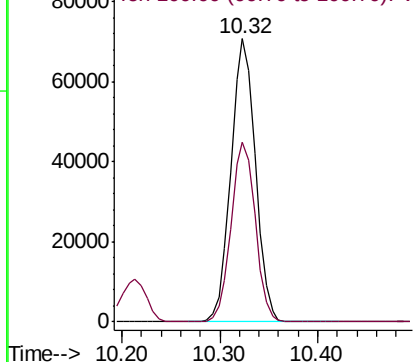


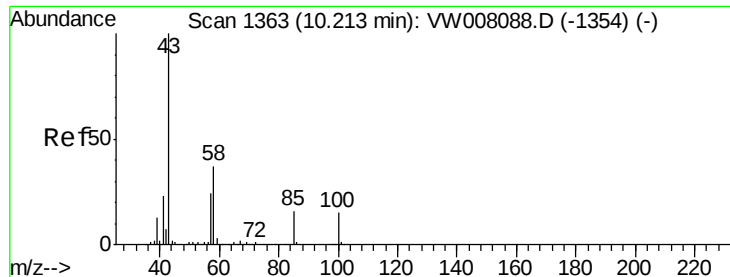
#50
Toluene-d8
Concen: 51.047 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion: 98 Resp: 122521
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



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

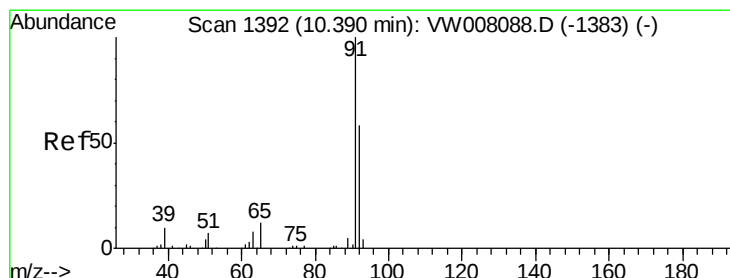
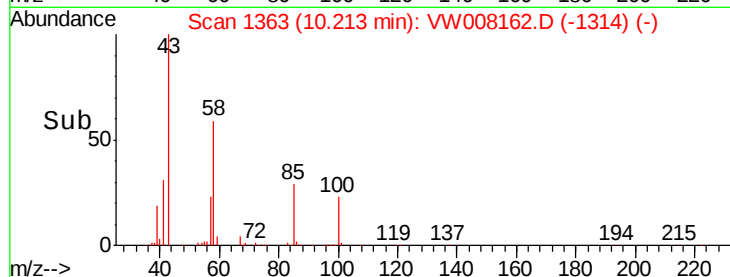
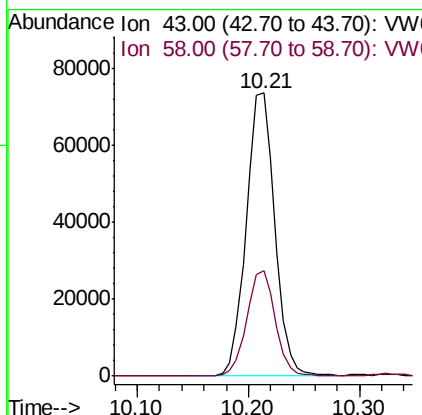
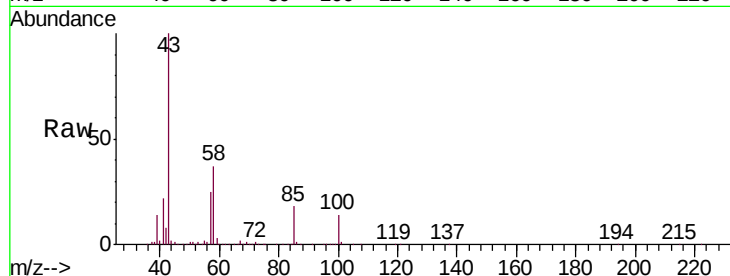




#51
 4-Methyl-2-Pentanone
 Concen: 334.989 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

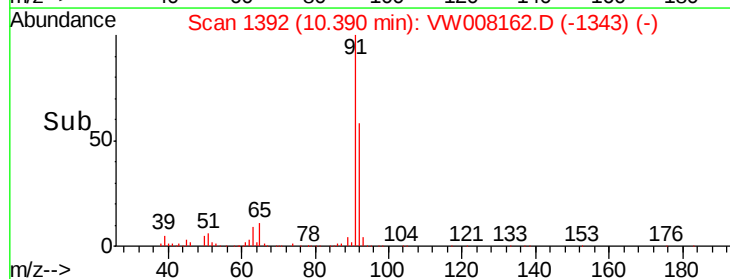
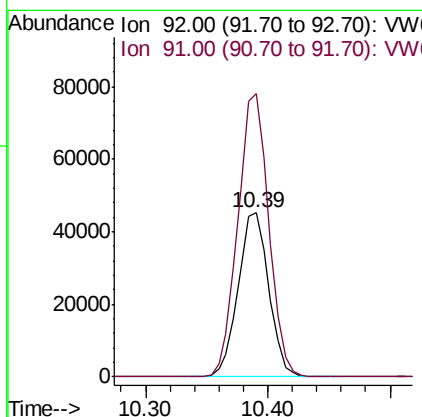
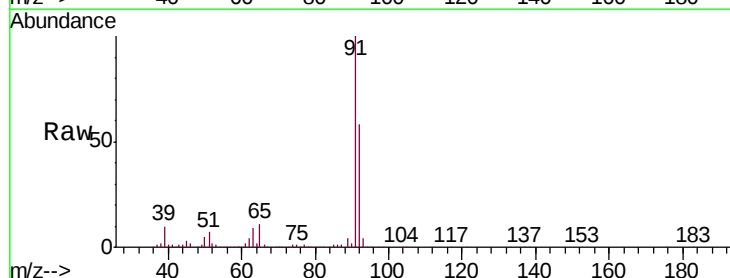
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

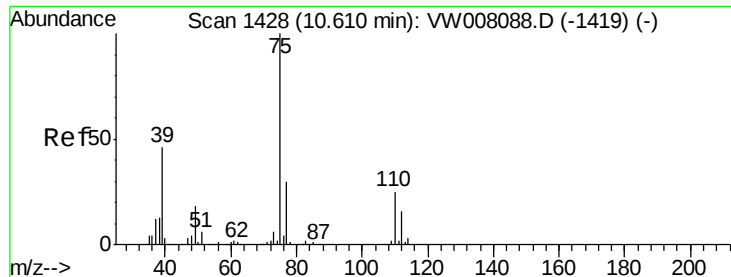
Tgt Ion: 43 Resp: 131209
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.6 46.0



#52
 Toluene
 Concen: 44.775 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 92 Resp: 78347
 Ion Ratio Lower Upper
 92 100
 91 174.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 54.028 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

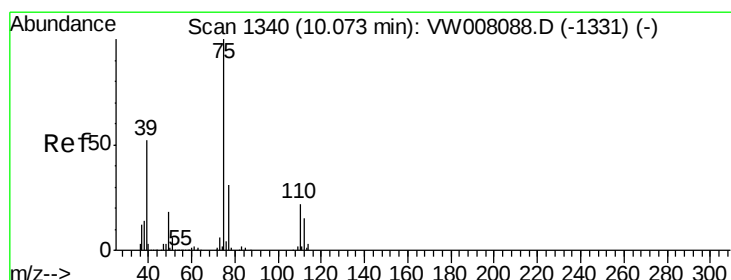
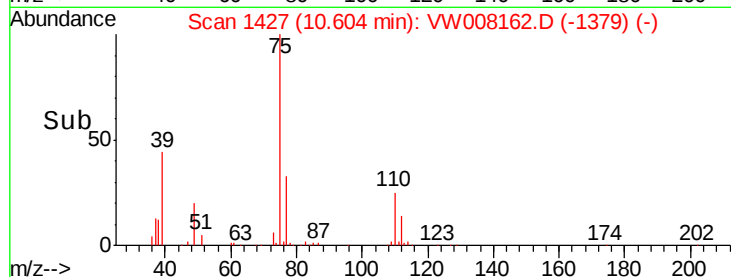
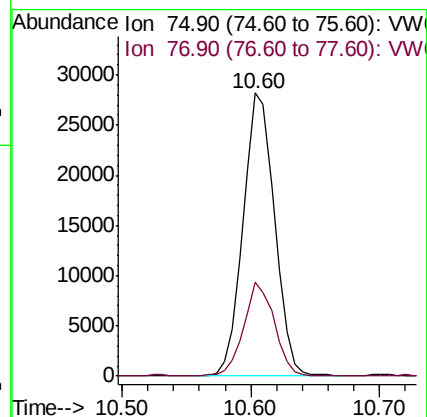
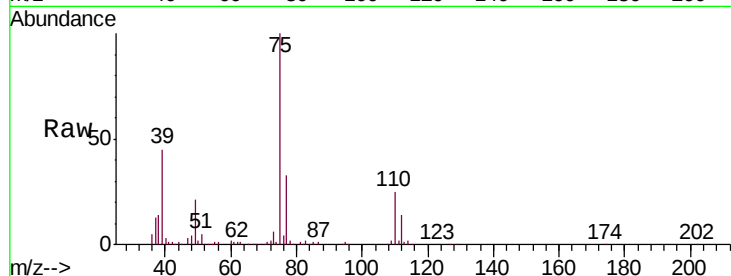
CPSB-07(15-20)MSD

Tgt Ion: 75 Resp: 47611

Ion Ratio Lower Upper

75 100

77 33.0 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 51.671 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

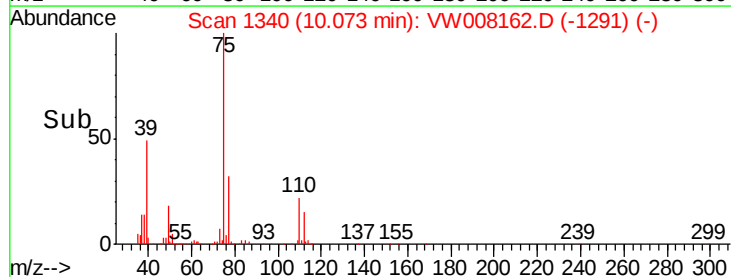
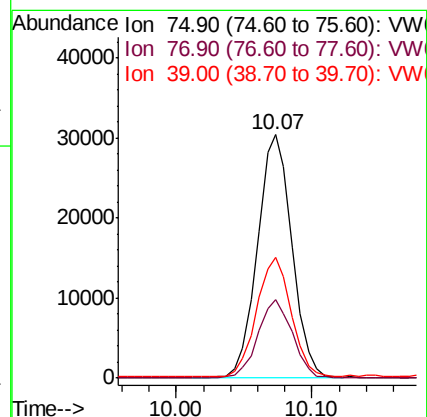
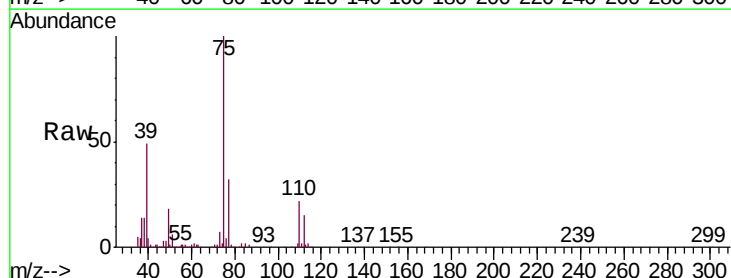
Tgt Ion: 75 Resp: 53995

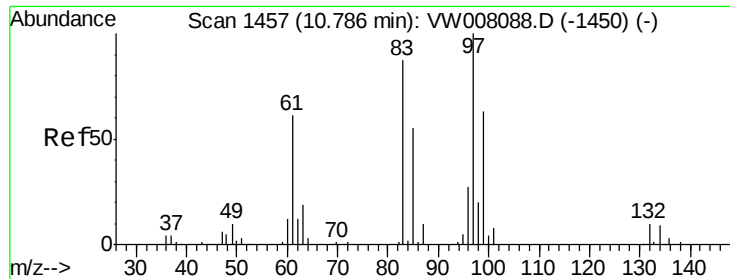
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 48.9 41.4 62.0

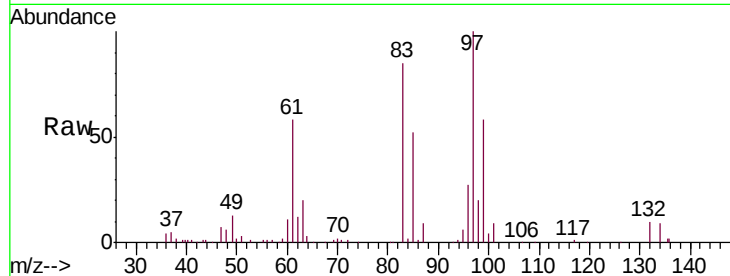




#55
 1,1,2-Trichloroethane
 Concen: 60.926 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

Tgt Ion:	97	Resp:	28540
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.3	103.9
85	51.8	43.8	65.6
99	57.8	50.0	75.0



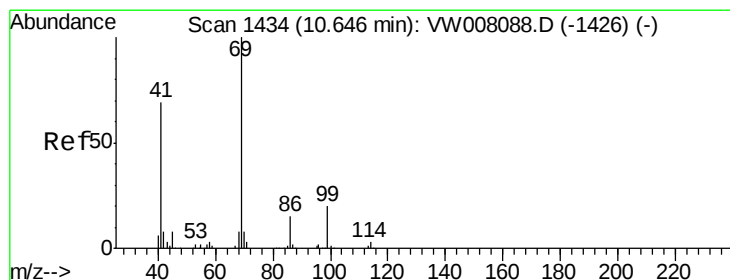
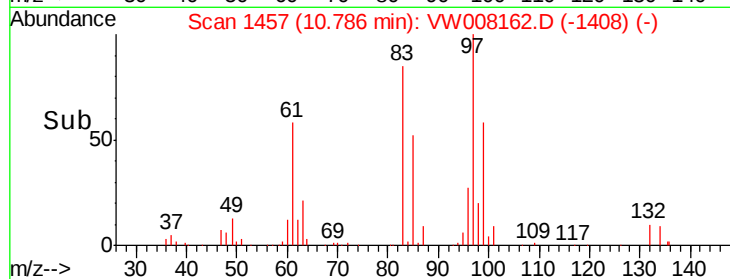
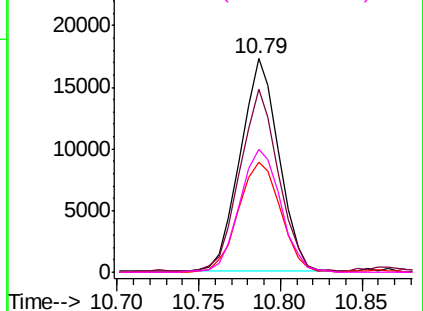
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

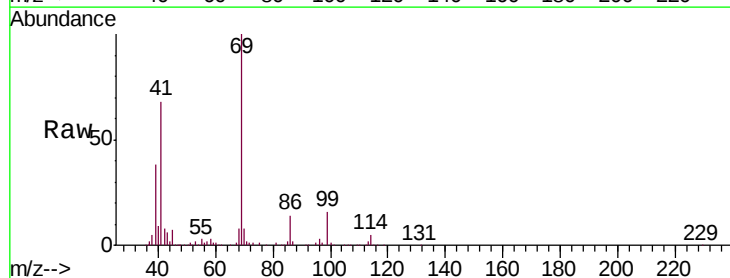
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 67.474 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion:	69	Resp:	39143
Ion	Ratio	Lower	Upper
69	100		
41	64.6	56.4	84.6
39	34.8	28.1	42.1

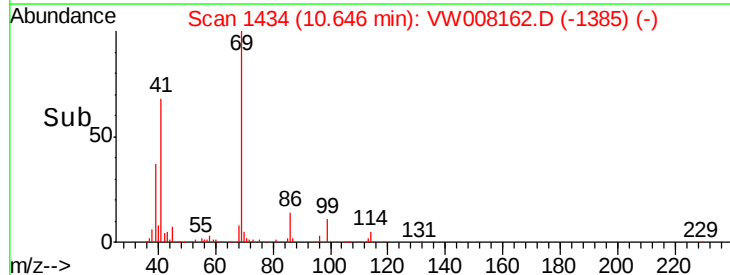
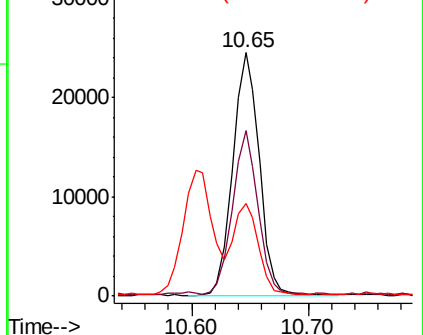


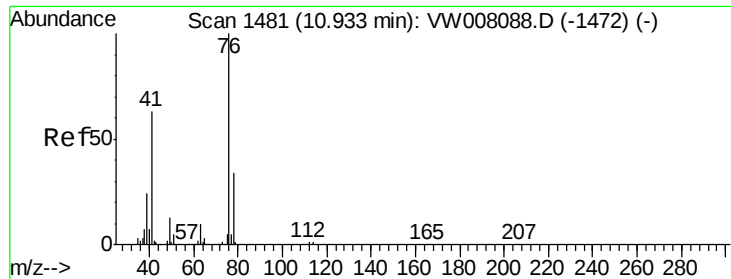
Abundance

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

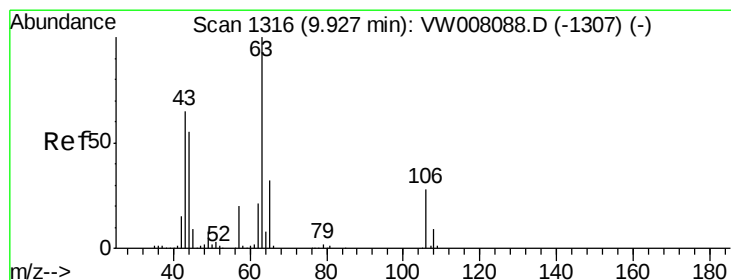
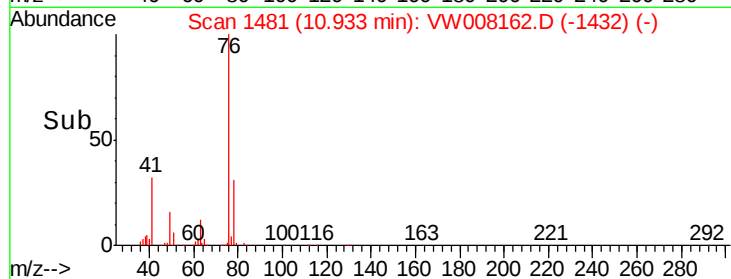
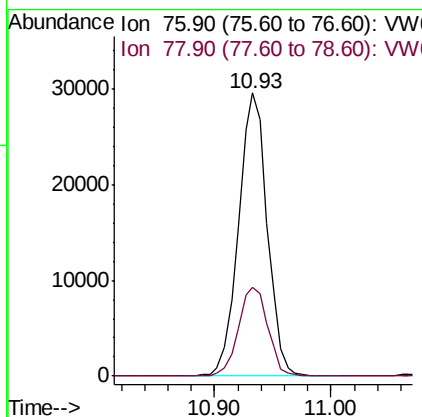
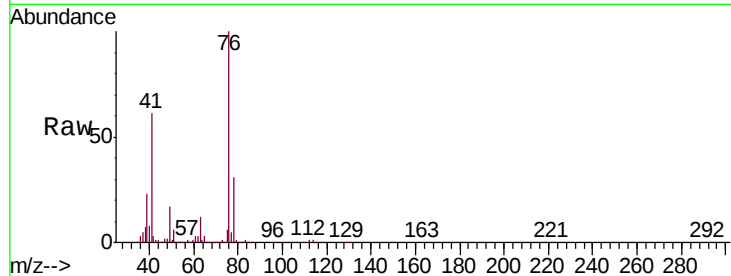




#57
 1,3-Dichloropropane
 Concen: 59.319 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

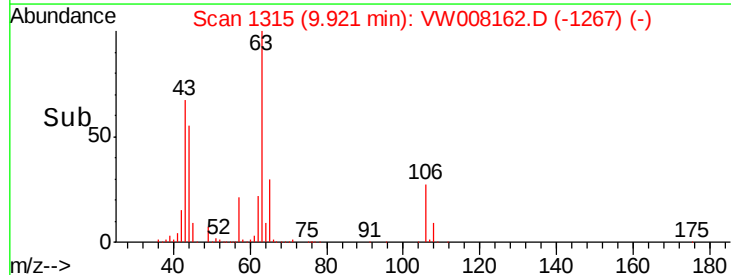
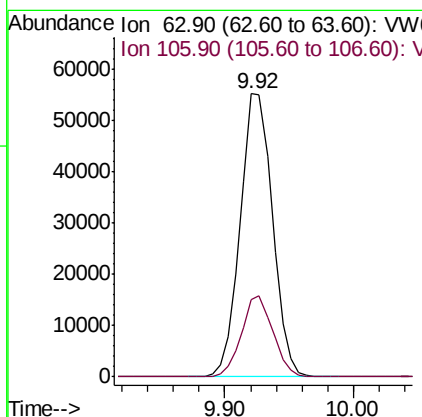
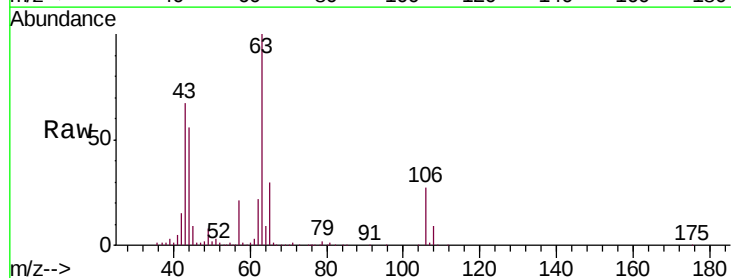
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

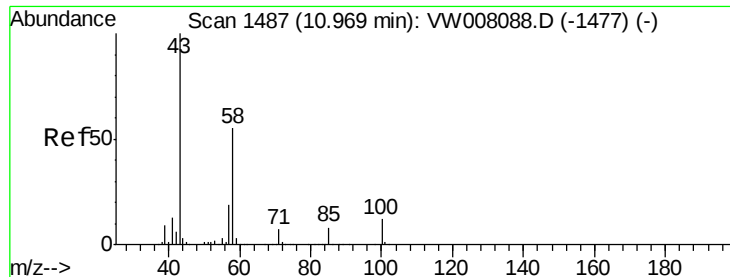
Tgt Ion: 76 Resp: 50819
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 319.539 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 63 Resp: 95753
 Ion Ratio Lower Upper
 63 100
 106 27.9 21.8 32.6





#59

2-Hexanone

Concen: 350.907 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

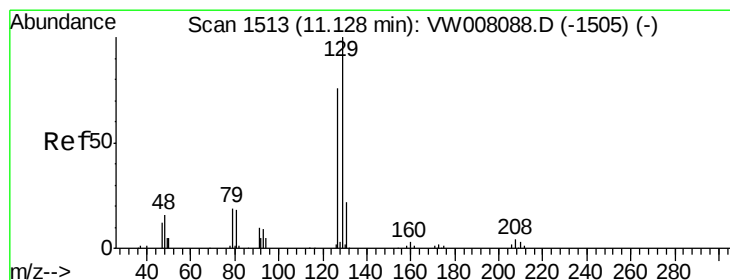
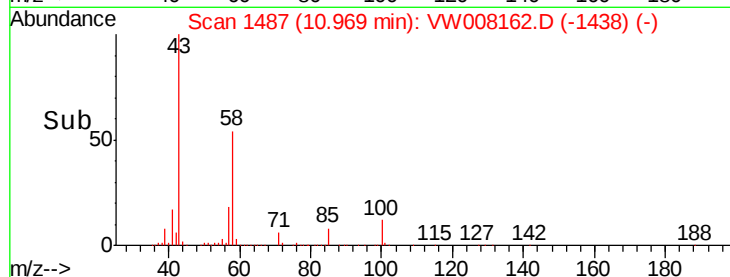
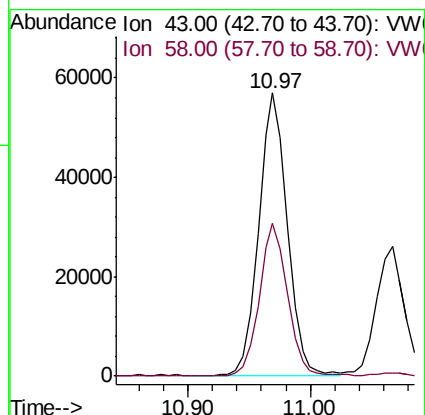
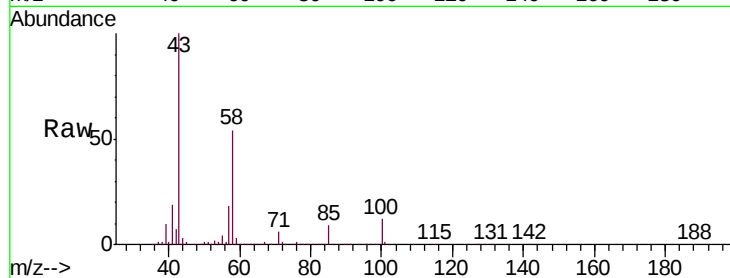
CPSB-07(15-20)MSD

Tgt Ion: 43 Resp: 92946

Ion Ratio Lower Upper

43 100

58 53.2 27.2 81.5



#60

Dibromochloromethane

Concen: 59.029 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008162.D

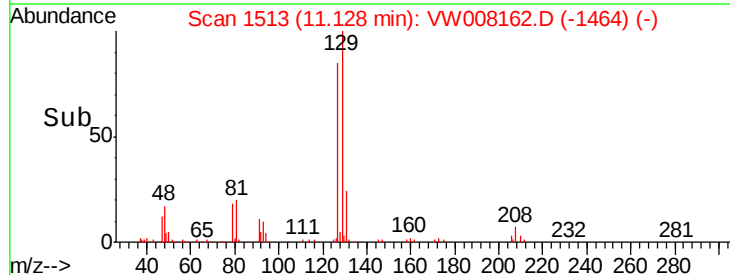
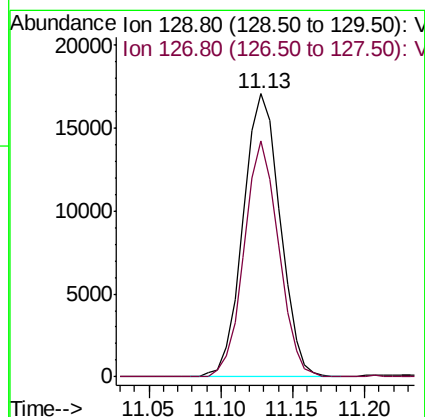
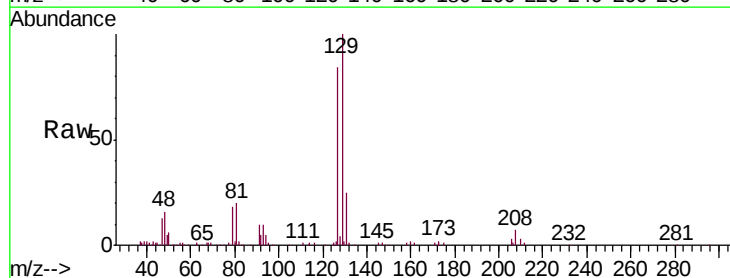
Acq: 10 Jan 2019 21:13

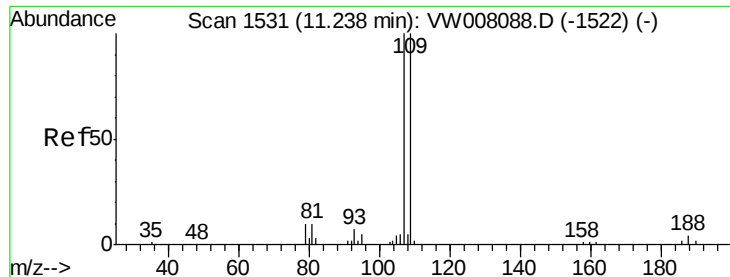
Tgt Ion: 129 Resp: 30364

Ion Ratio Lower Upper

129 100

127 77.6 38.9 116.6

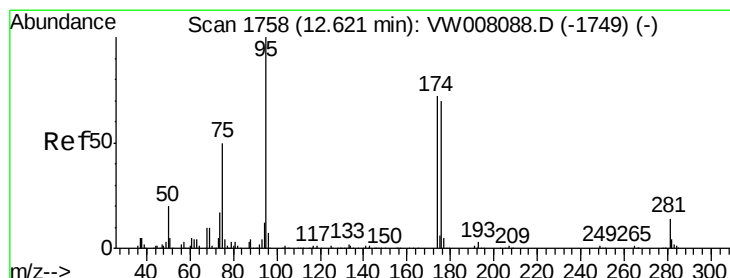
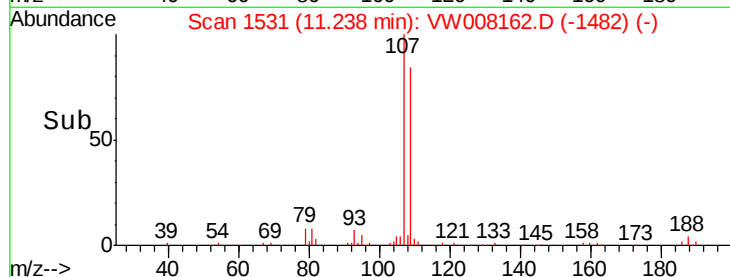
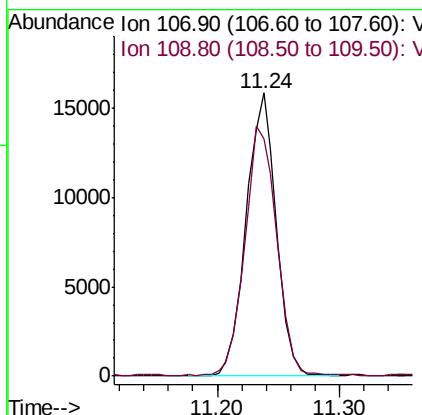
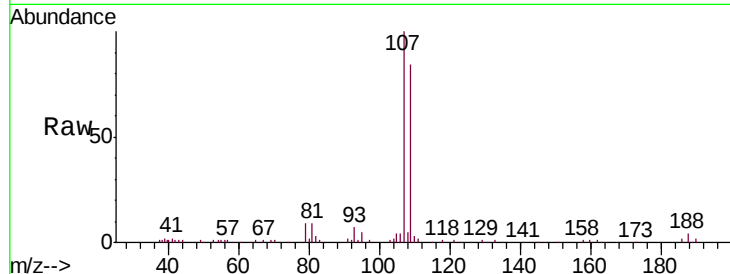




#61
 1,2-Dibromoethane
 Concen: 60.792 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

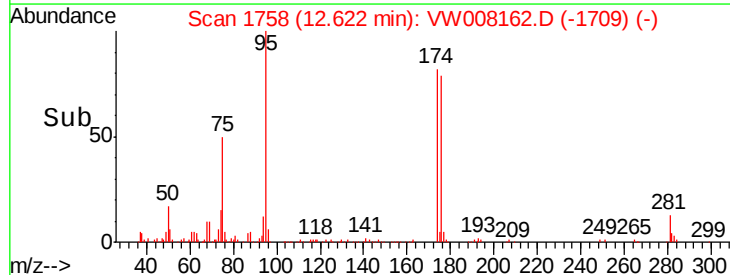
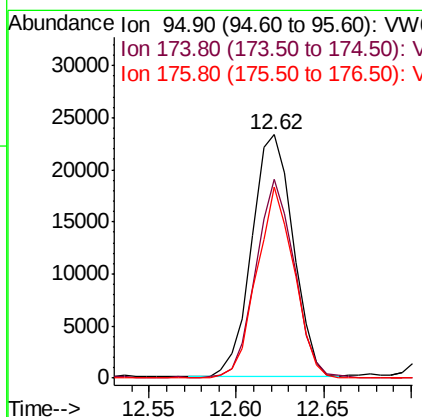
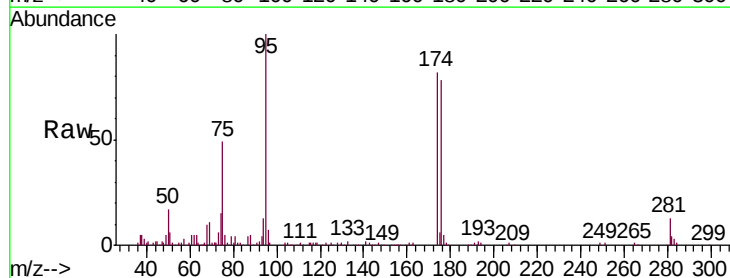
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

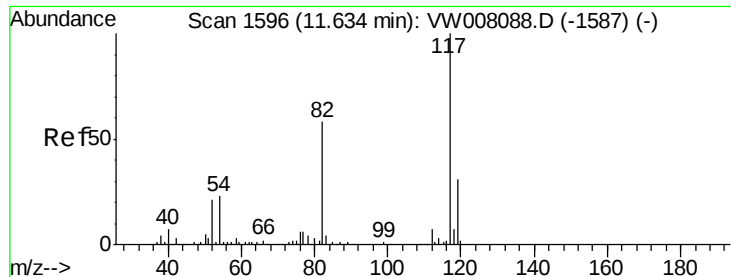
Tgt Ion: 107 Resp: 27021
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 44.224 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 95 Resp: 38053
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 143.0
 176 71.7 0.0 140.2

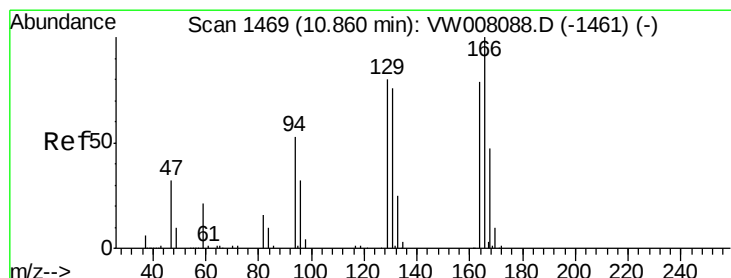
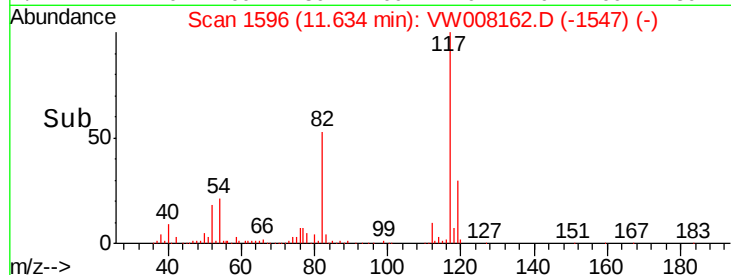
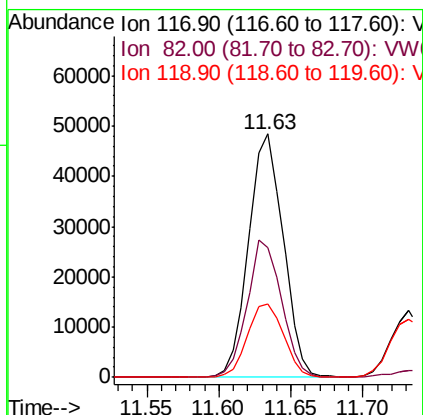
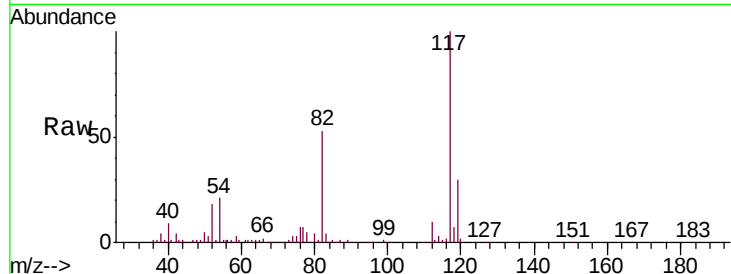




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

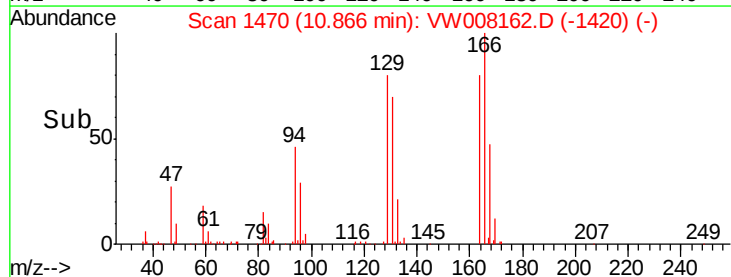
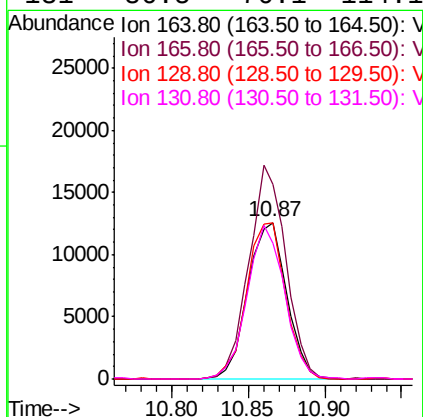
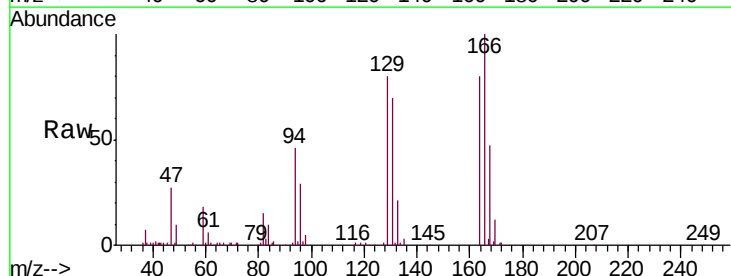
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

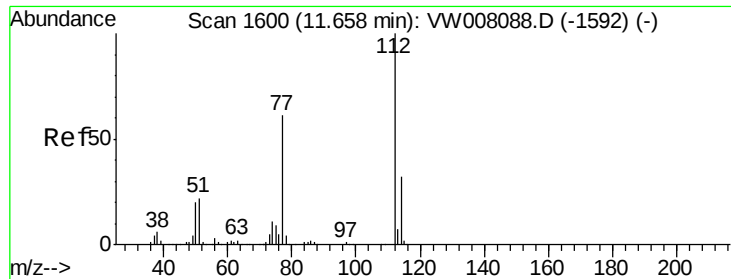
Tgt Ion:117 Resp: 80750
Ion Ratio Lower Upper
117 100
82 52.8 46.4 69.6
119 30.2 24.7 37.1



#64
Tetrachloroethene
Concen: 42.391 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion:164 Resp: 22277
Ion Ratio Lower Upper
164 100
166 124.4 100.7 151.1
129 99.5 81.0 121.4
131 86.5 76.1 114.1

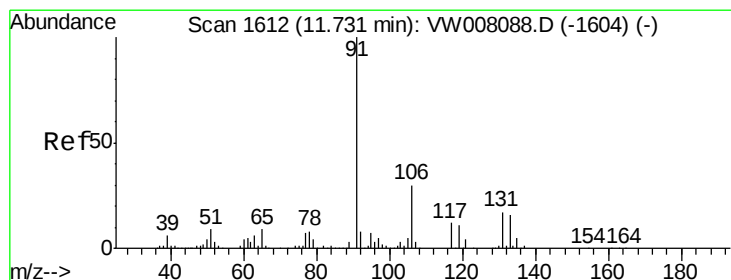
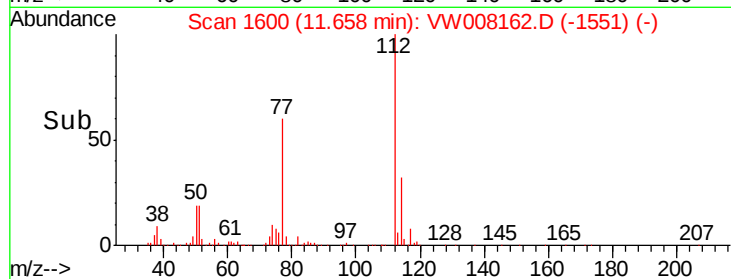
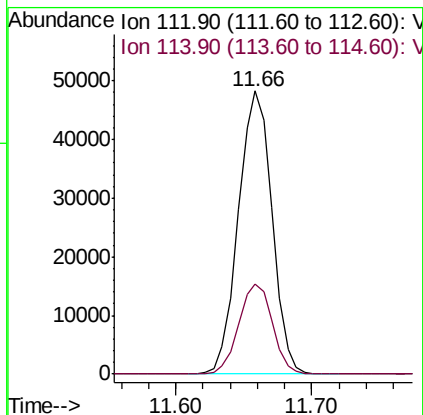
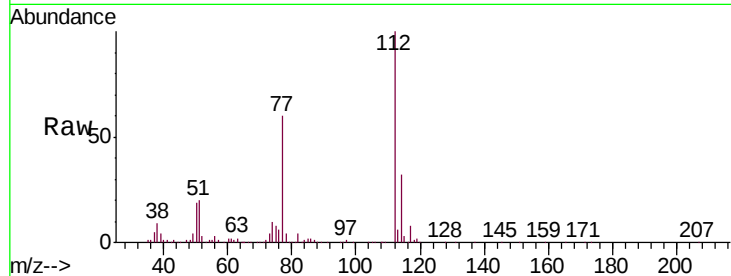




#65
Chlorobenzene
Concen: 48.755 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

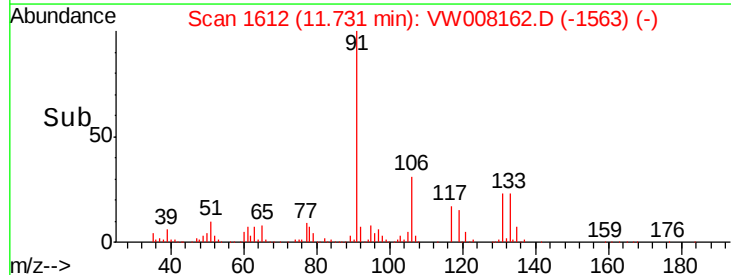
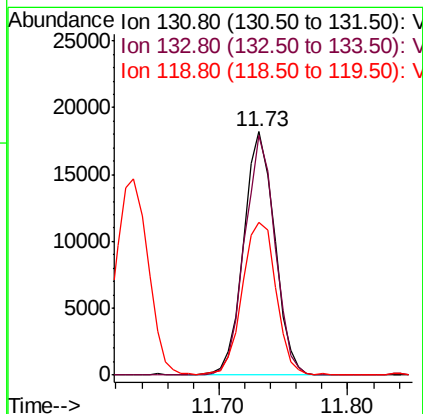
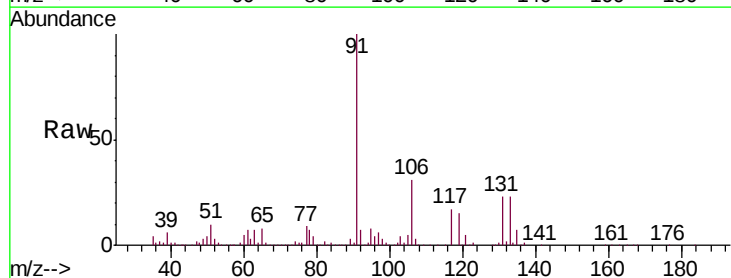
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

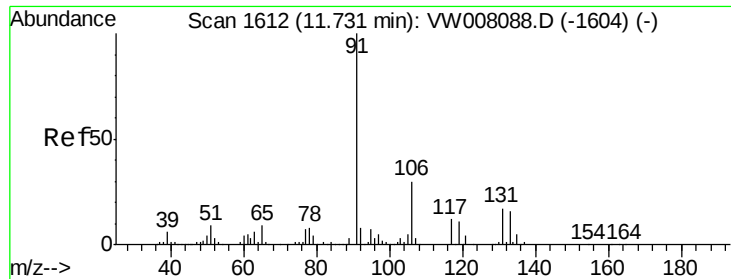
Tgt Ion:112 Resp: 83408
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.611 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion:131 Resp: 30387
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 67.8 32.5 97.4

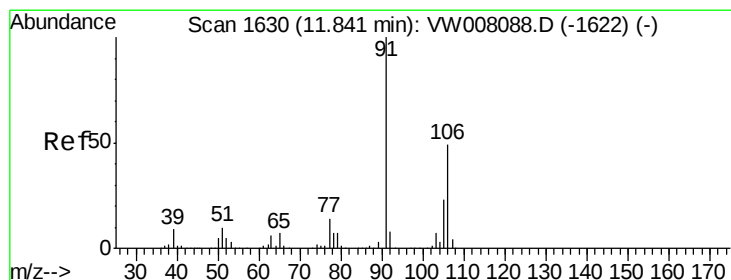
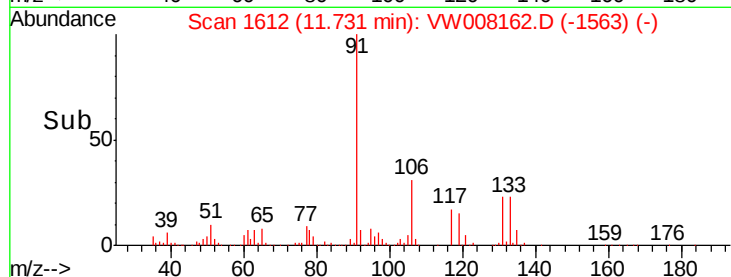
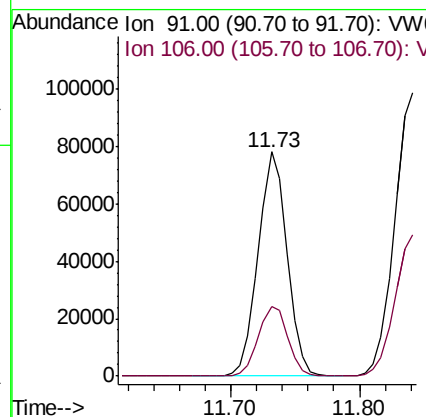
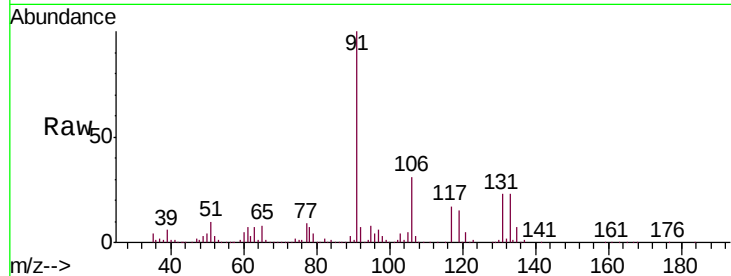




#67
Ethyl Benzene
Concen: 38.408 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

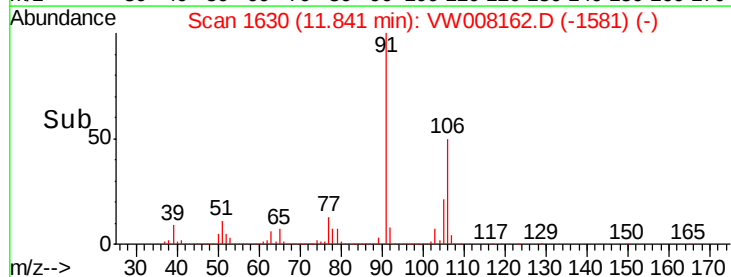
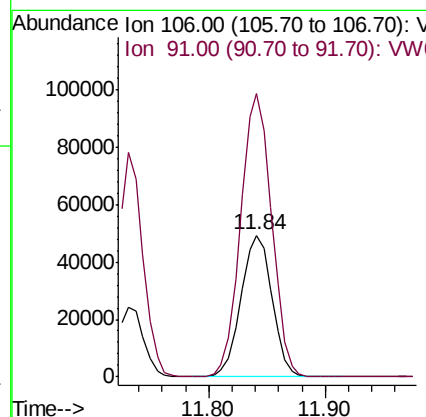
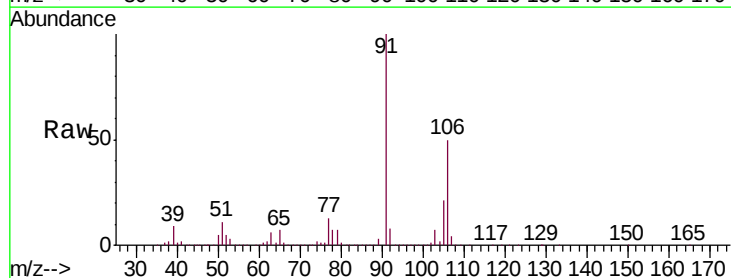
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

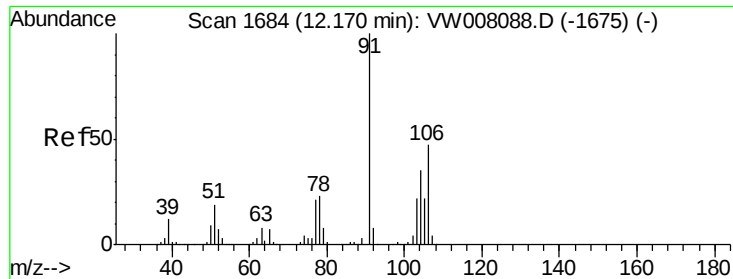
Tgt Ion: 91 Resp: 120224
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#68
m/p-Xylenes
Concen: 76.981 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion: 106 Resp: 91974
Ion Ratio Lower Upper
106 100
91 198.3 162.4 243.6

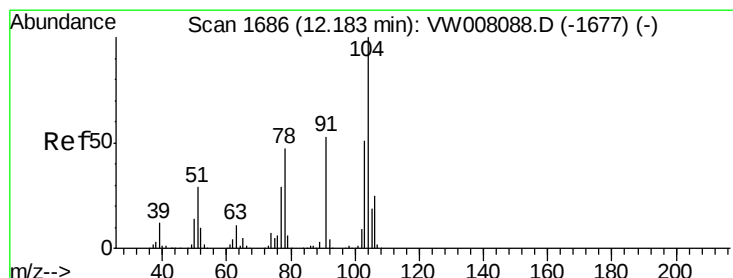
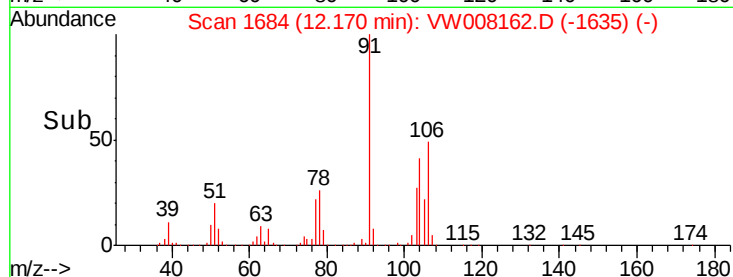
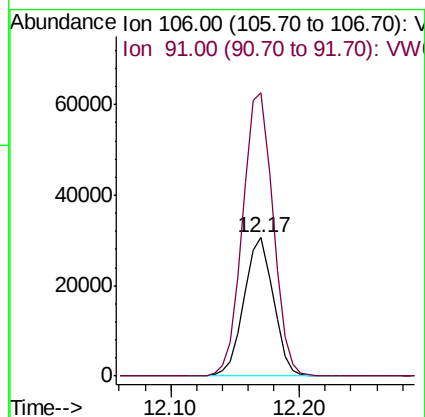
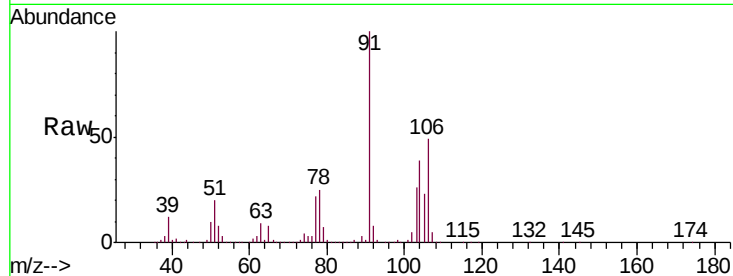




#69
o-Xylene
Concen: 43.804 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

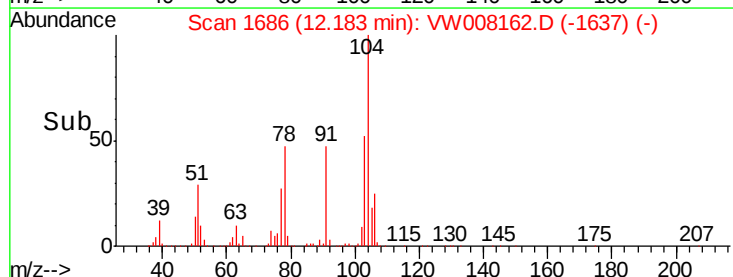
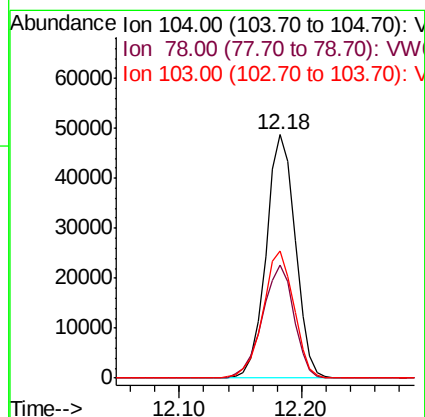
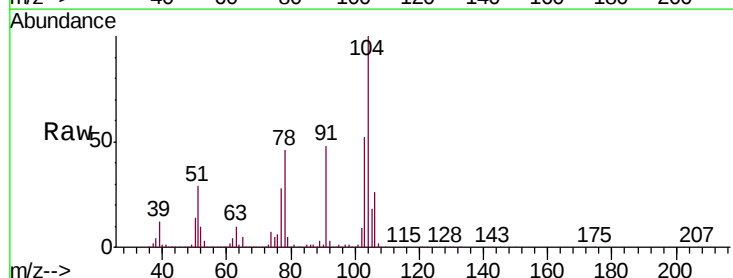
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

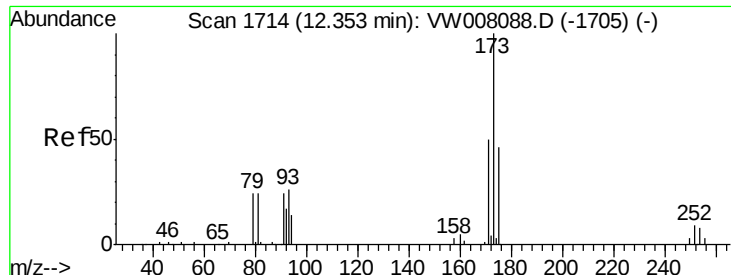
Tgt Ion:106 Resp: 48465
Ion Ratio Lower Upper
106 100
91 210.0 107.8 323.6



#70
Styrene
Concen: 46.765 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion:104 Resp: 81042
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 55.3 43.8 65.8





#71

Bromoform

Concen: 62.708 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

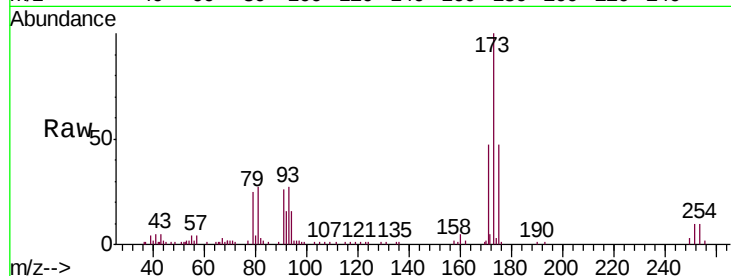
Tgt Ion:173 Resp: 15616

Ion Ratio Lower Upper

173 100

175 49.5 23.3 69.8

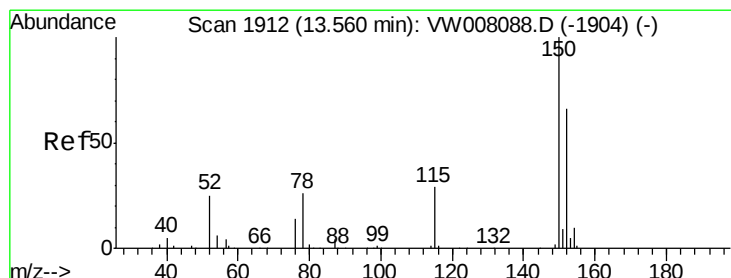
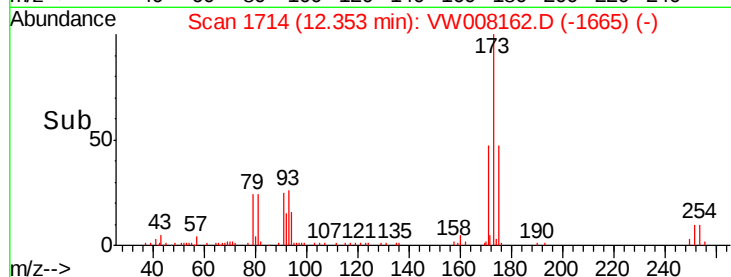
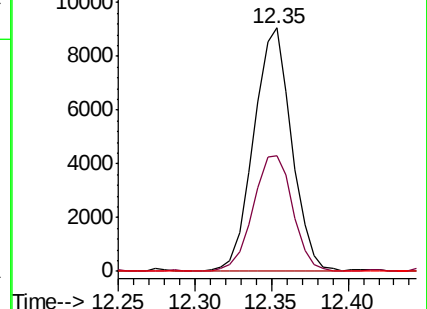
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

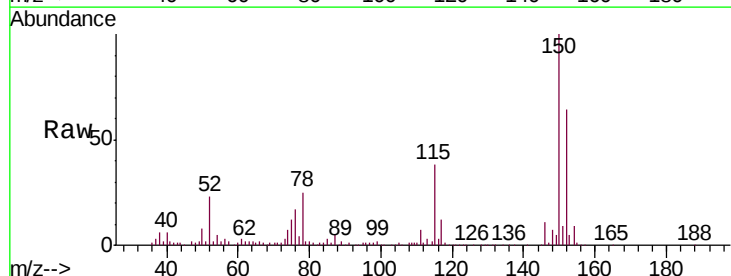
Tgt Ion:152 Resp: 27062

Ion Ratio Lower Upper

152 100

115 60.4 30.8 92.4

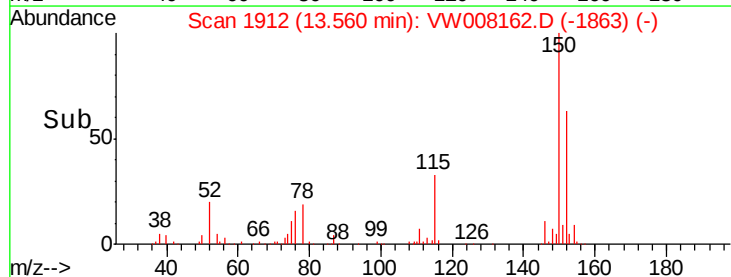
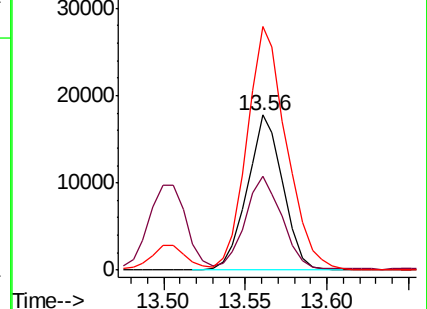
150 173.0 0.0 350.2

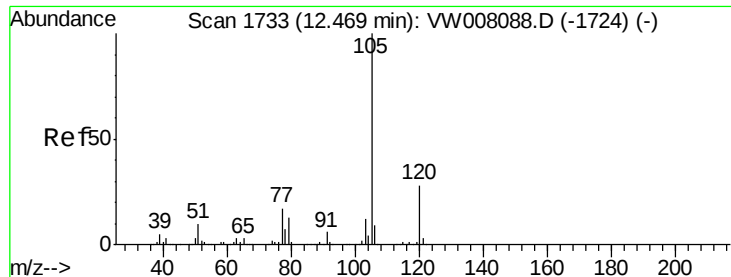


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.371 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

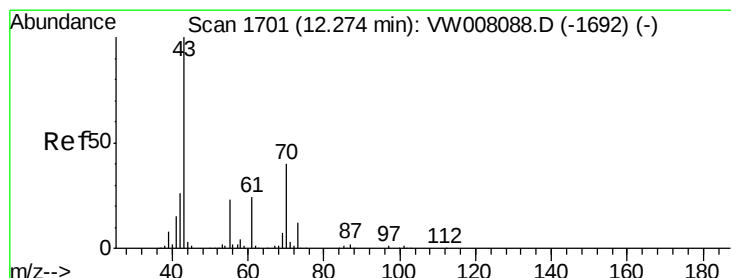
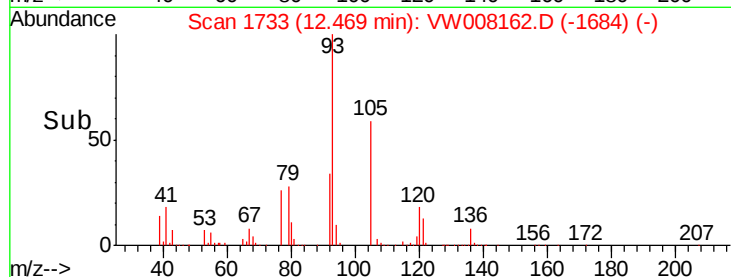
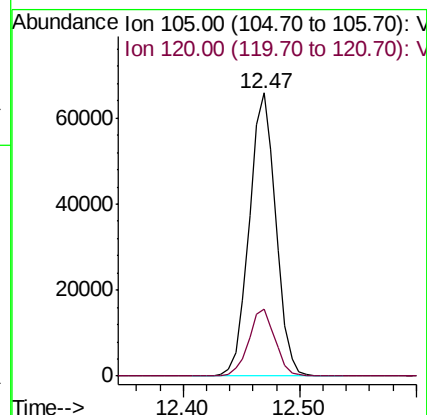
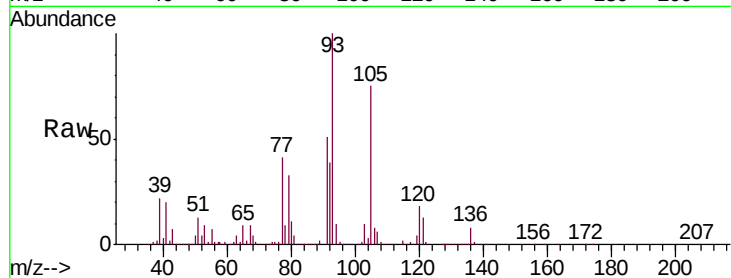
CPSB-07(15-20)MSD

Tgt Ion:105 Resp: 104894

Ion Ratio Lower Upper

105 100

120 23.4 13.6 40.8



#74

N-ethyl acetate

Concen: 92.889 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion: 43 Resp: 43705

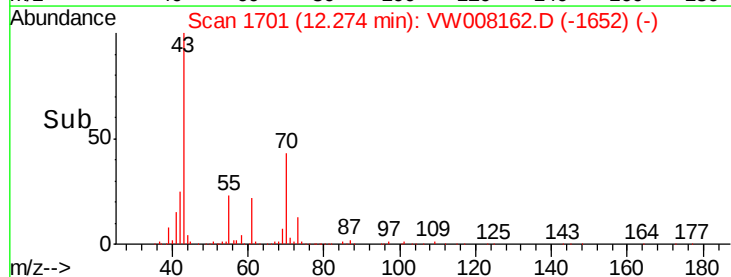
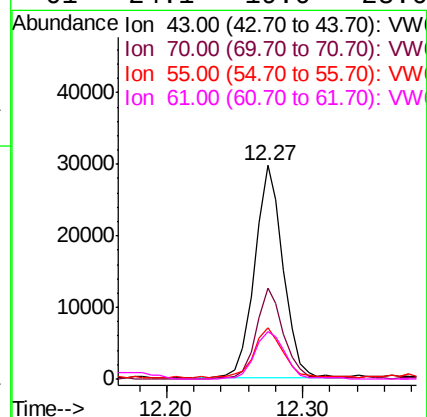
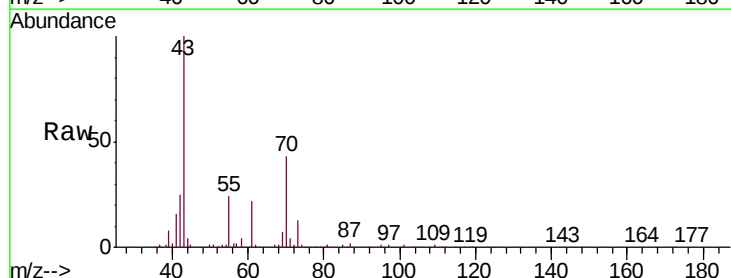
Ion Ratio Lower Upper

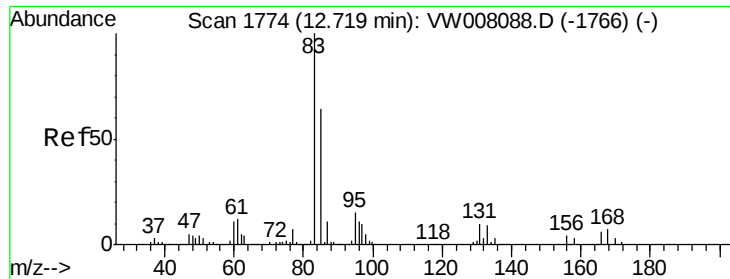
43 100

70 41.4 32.4 48.6

55 24.2 18.7 28.1

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 94.767 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

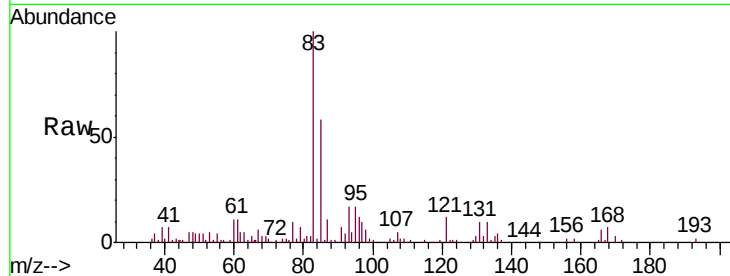
Tgt Ion: 83 Resp: 32228

Ion Ratio Lower Upper

83 100

131 12.0 5.3 16.1

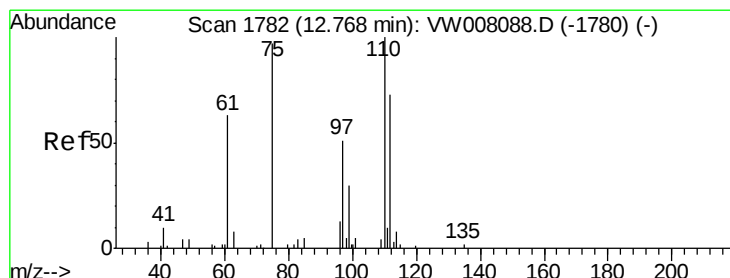
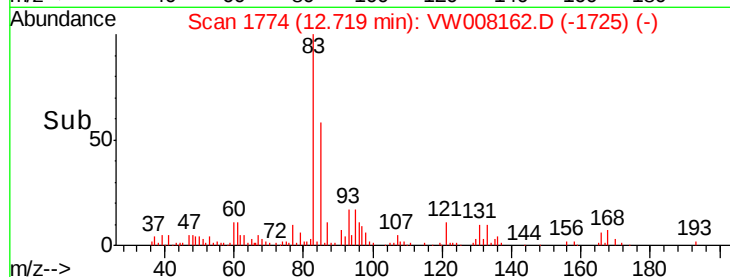
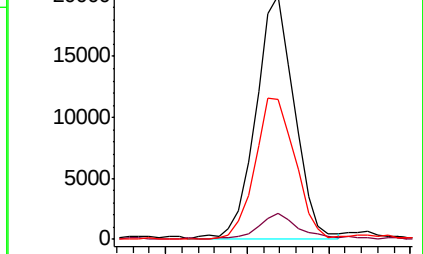
85 61.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 158.306 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008162.D

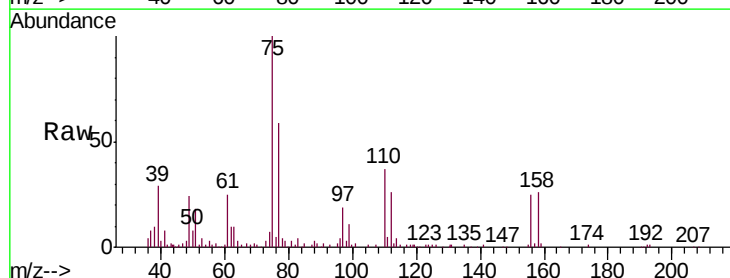
Acq: 10 Jan 2019 21:13

Tgt Ion: 75 Resp: 39054

Ion Ratio Lower Upper

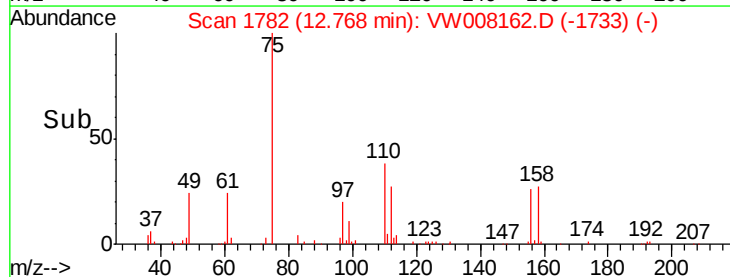
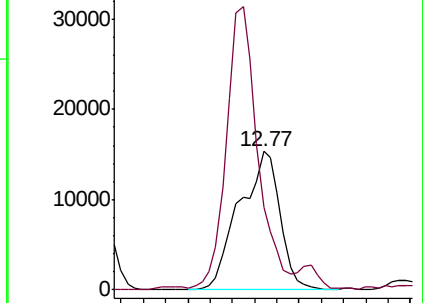
75 100

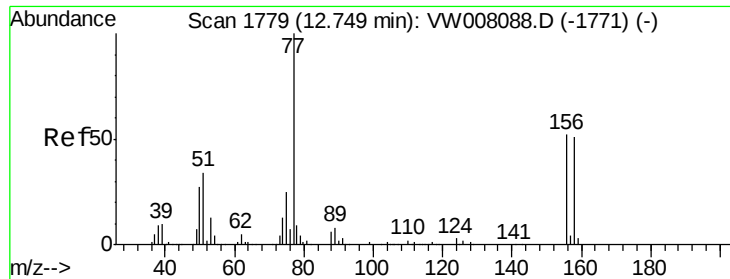
77 158.4 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 66.084 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

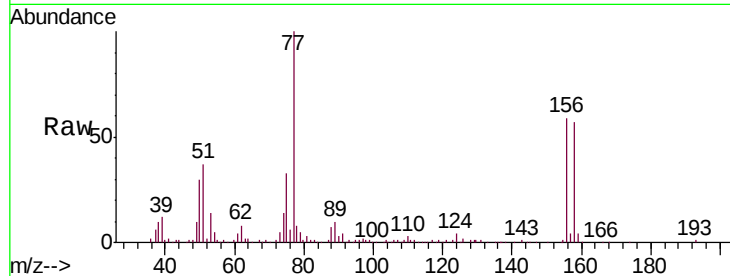
Tgt Ion:156 Resp: 29667

Ion Ratio Lower Upper

156 100

77 208.5 104.2 312.5

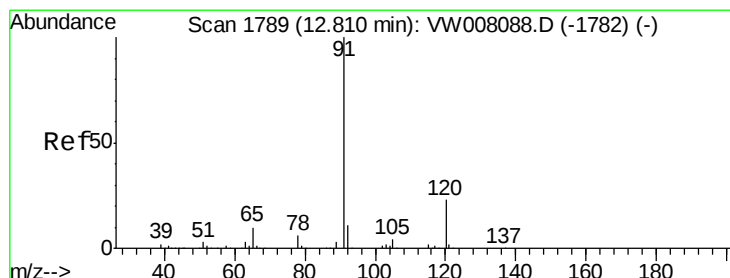
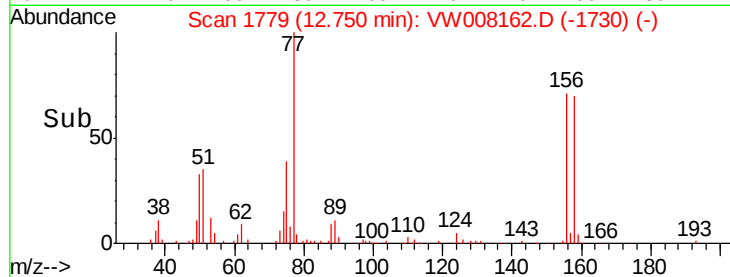
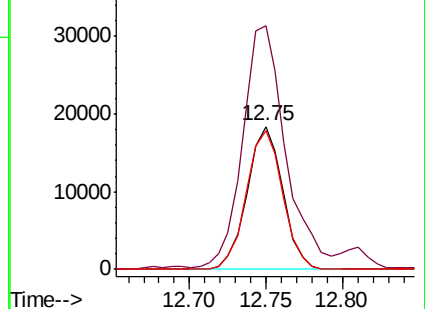
158 99.2 47.9 143.6



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: 34.656 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008162.D

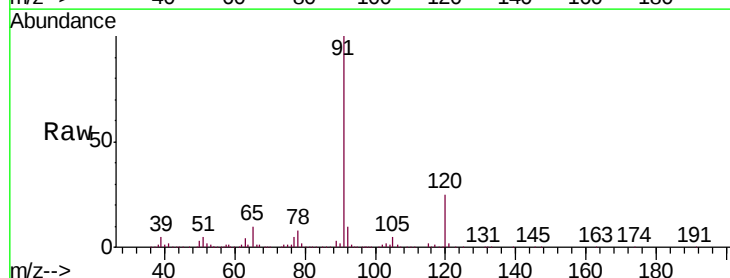
Acq: 10 Jan 2019 21:13

Tgt Ion: 91 Resp: 90219

Ion Ratio Lower Upper

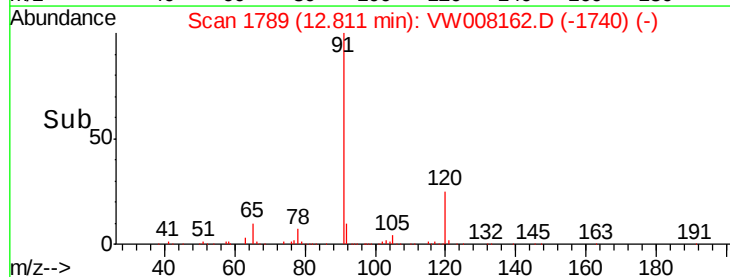
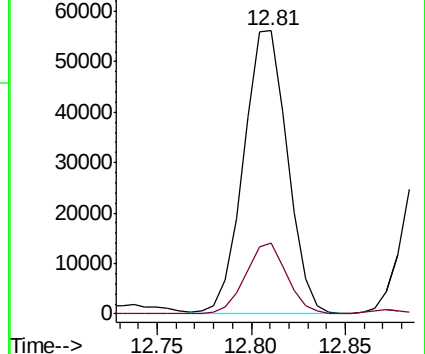
91 100

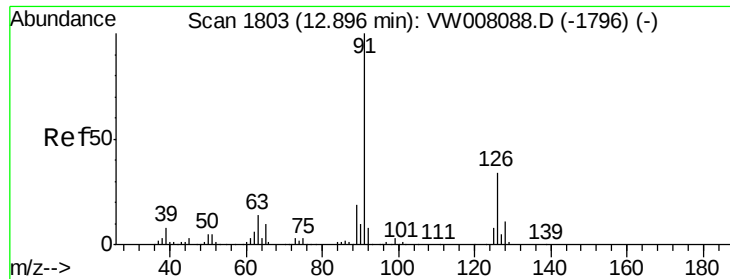
120 23.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.311 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

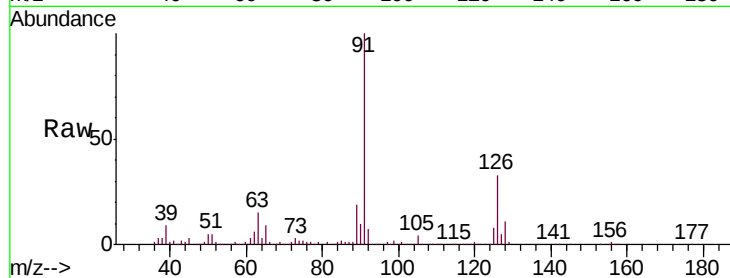
CPSB-07(15-20)MSD

Tgt Ion: 91 Resp: 65809

Ion Ratio Lower Upper

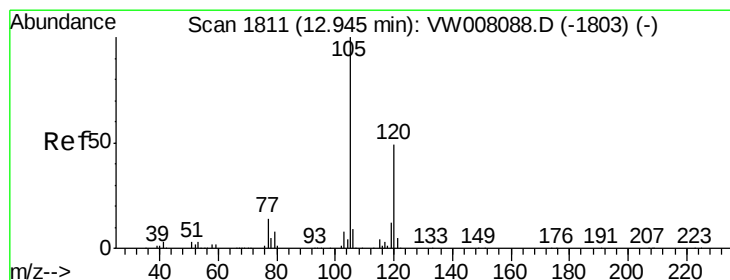
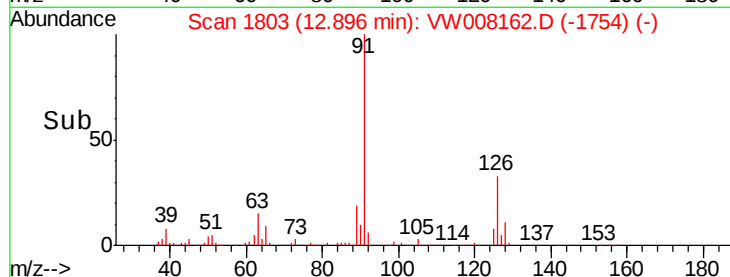
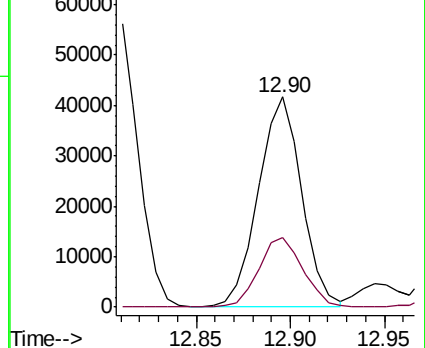
91 100

126 33.9 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 37.367 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008162.D

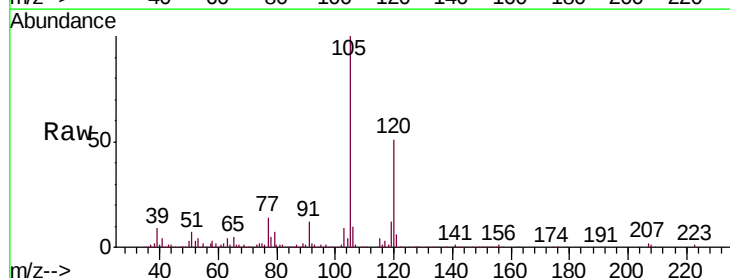
Acq: 10 Jan 2019 21:13

Tgt Ion: 105 Resp: 65240

Ion Ratio Lower Upper

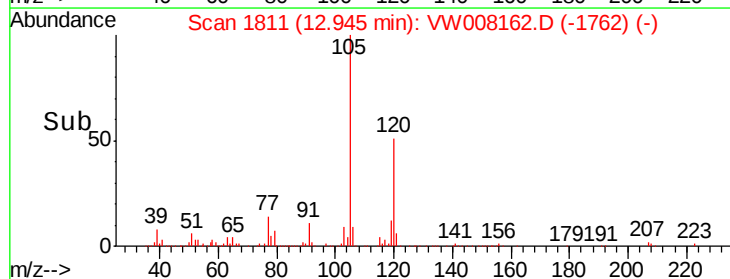
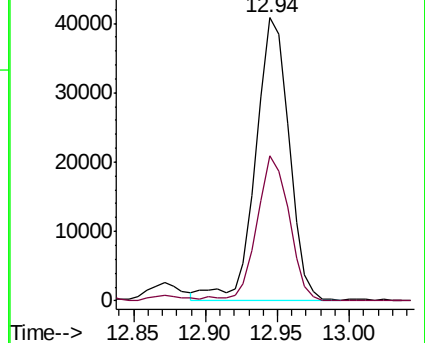
105 100

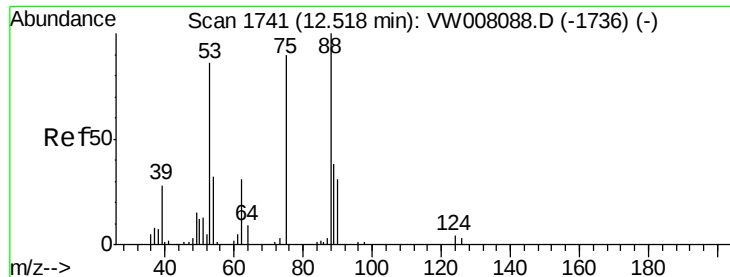
120 49.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 80.159 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

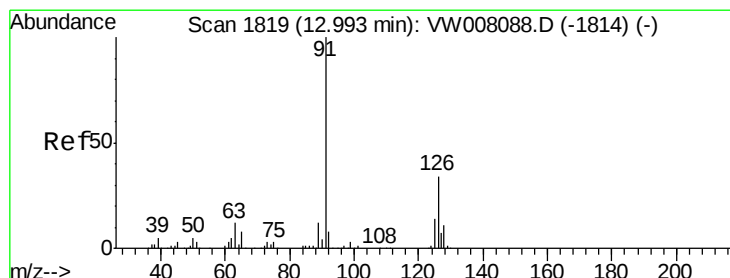
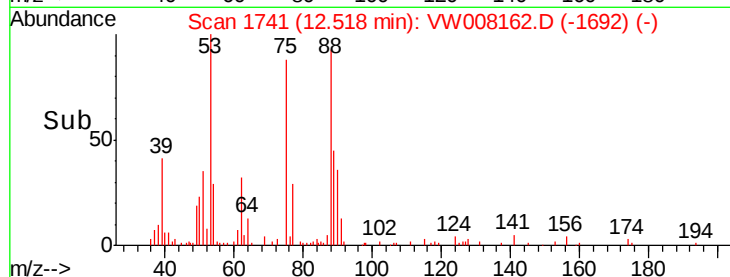
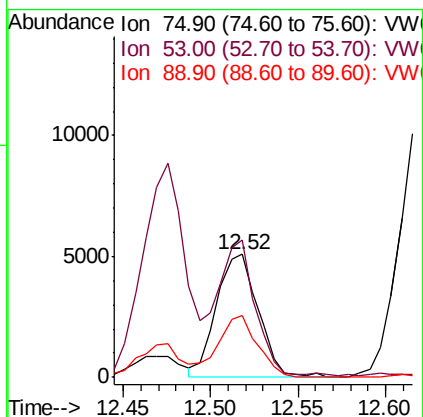
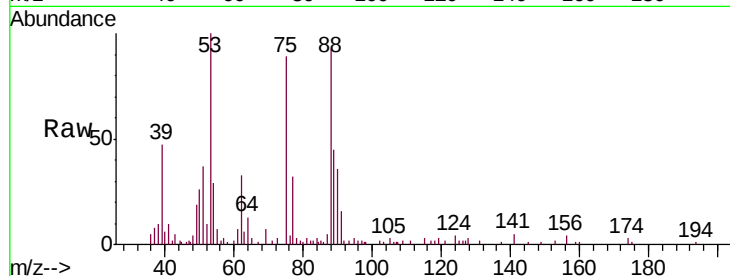
Tgt Ion: 75 Resp: 8492

Ion Ratio Lower Upper

75 100

53 97.4 78.8 118.2

89 47.9 35.4 53.2



#82

4-Chlorotoluene

Concen: 47.187 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008162.D

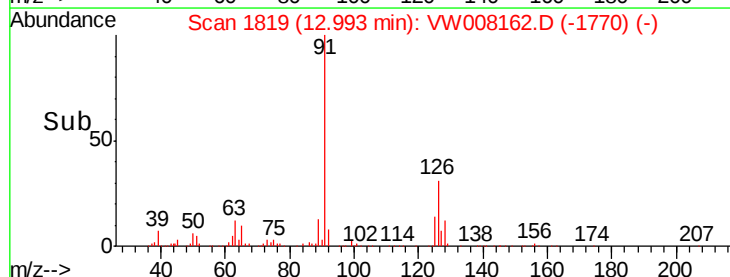
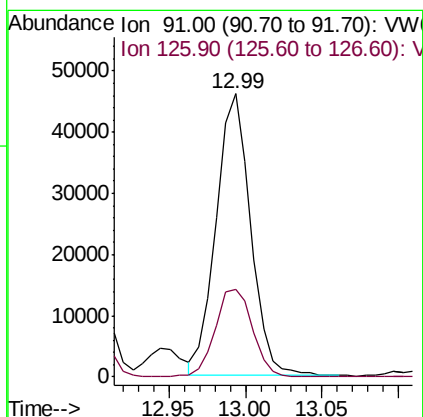
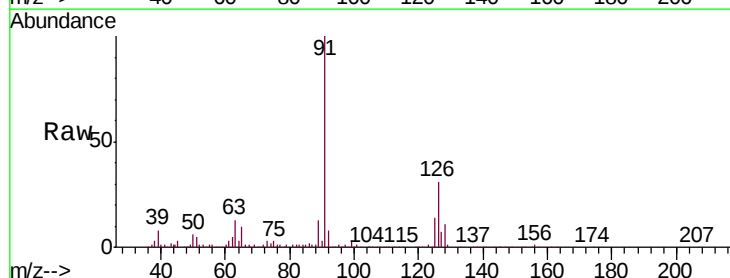
Acq: 10 Jan 2019 21:13

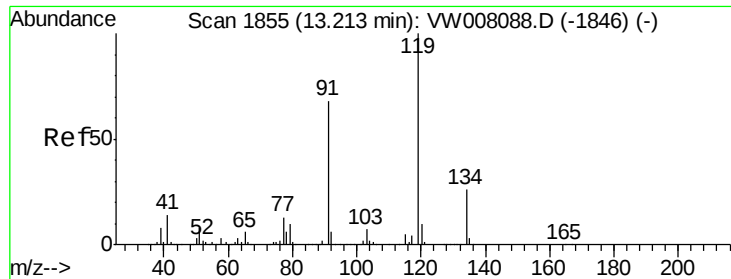
Tgt Ion: 91 Resp: 72180

Ion Ratio Lower Upper

91 100

126 33.7 16.5 49.5

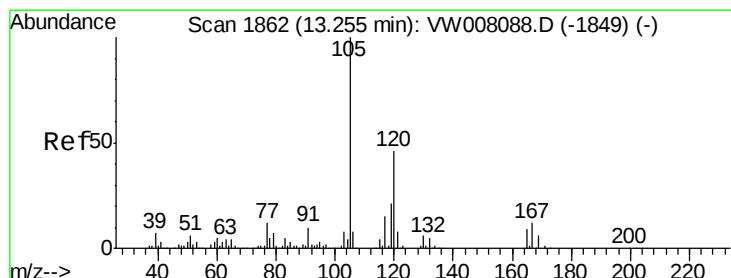
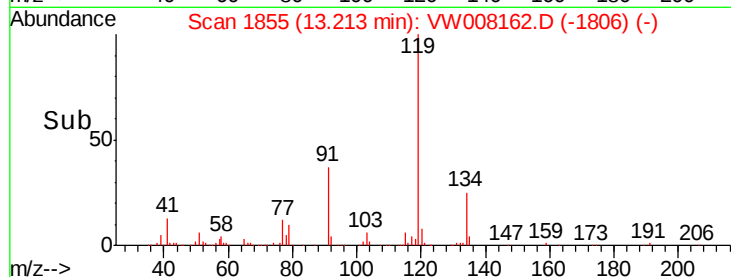
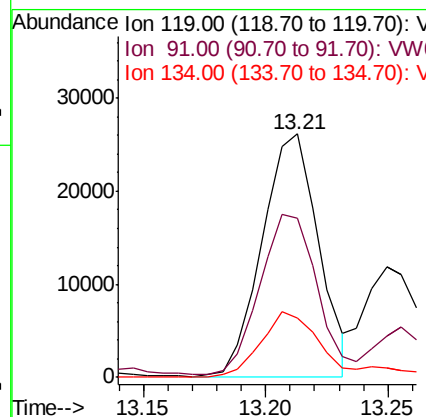
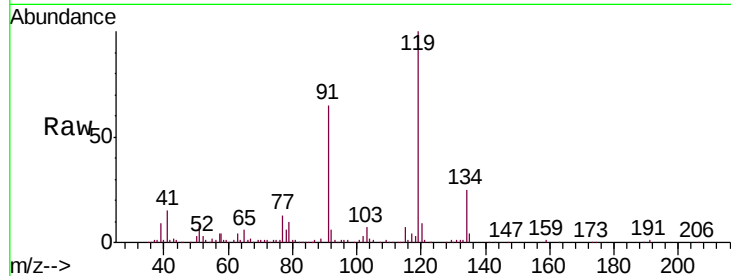




#83
 tert-Butylbenzene
 Concen: 27.073 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

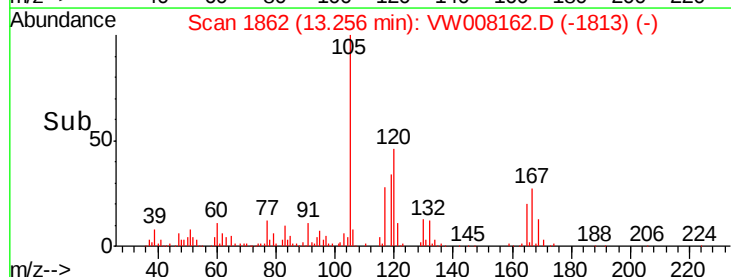
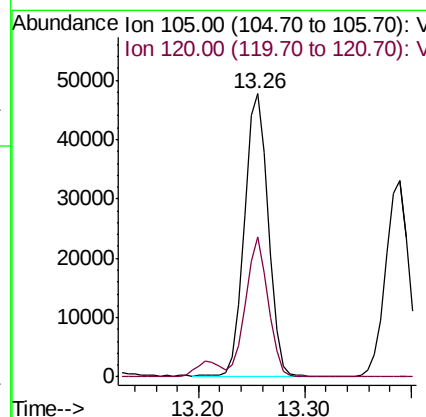
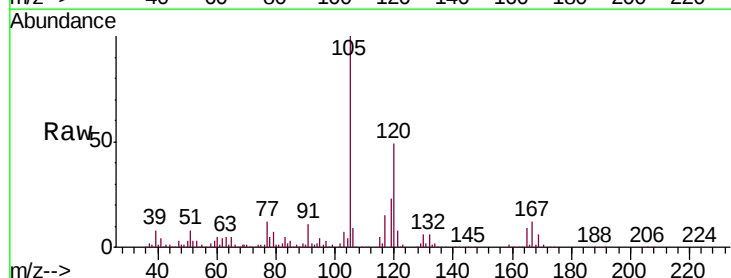
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

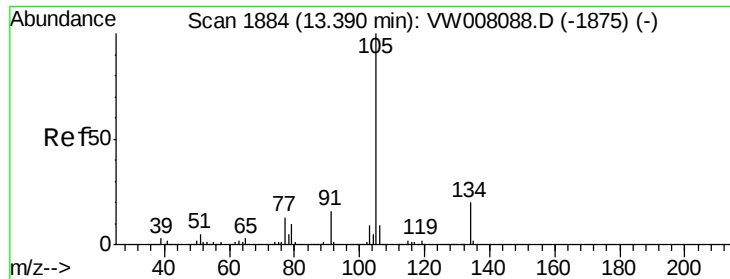
Tgt Ion:119 Resp: 41817
 Ion Ratio Lower Upper
 119 100
 91 66.8 33.9 101.6
 134 27.8 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 41.814 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion:105 Resp: 75295
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.7 68.1

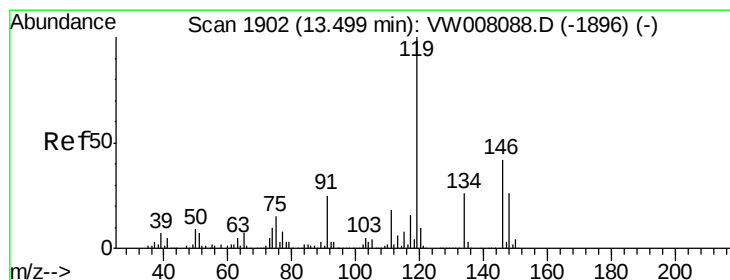
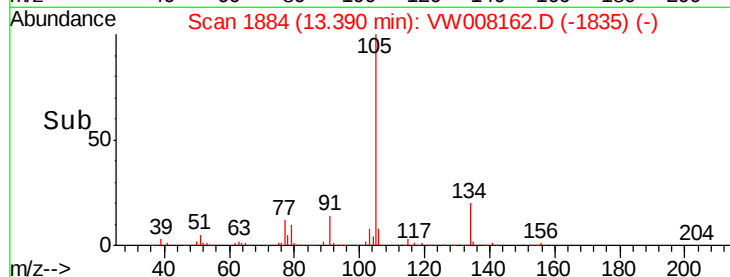
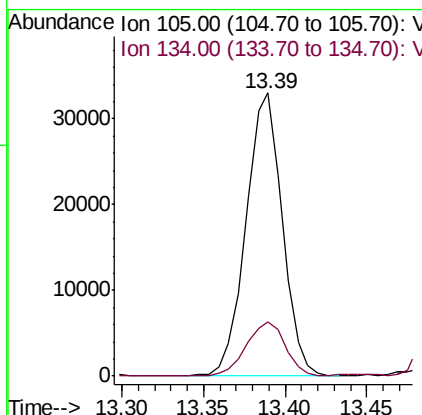
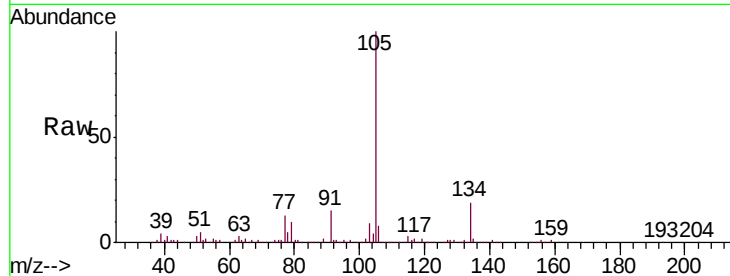




#85
 sec-Butylbenzene
 Concen: 22.671 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

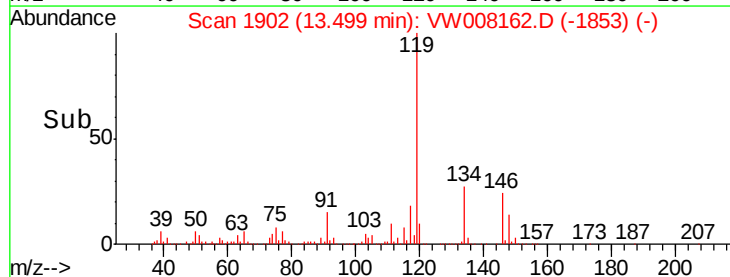
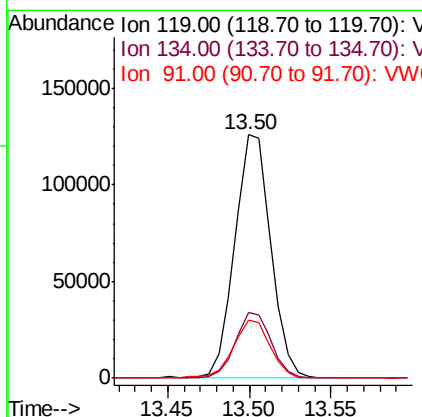
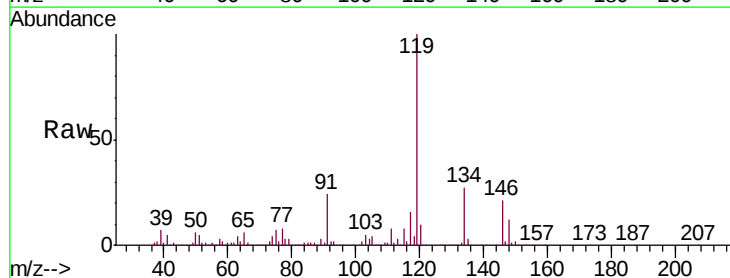
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

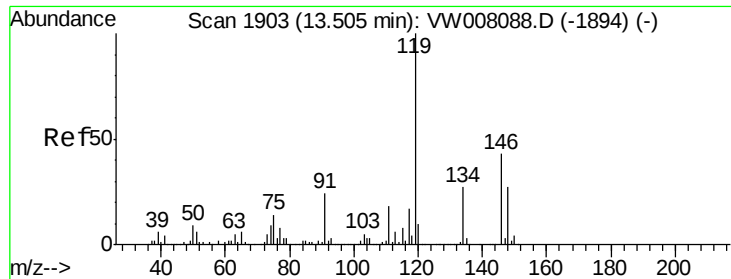
Tgt Ion:105 Resp: 51295
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 99.145 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion:119 Resp: 193716
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 24.2 12.3 36.9

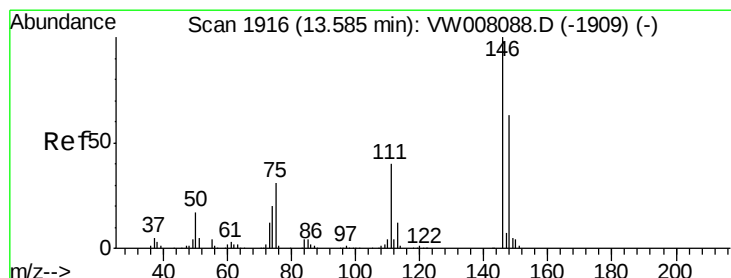
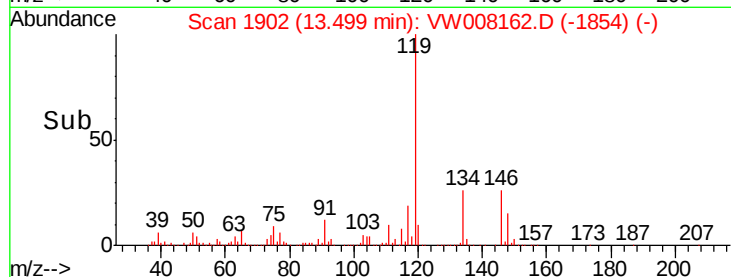
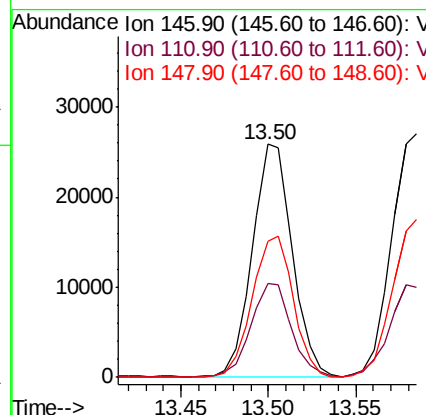
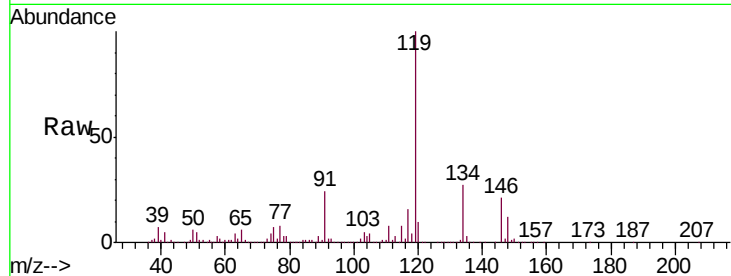




#87
 1,3-Dichlorobenzene
 Concen: 45.500 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

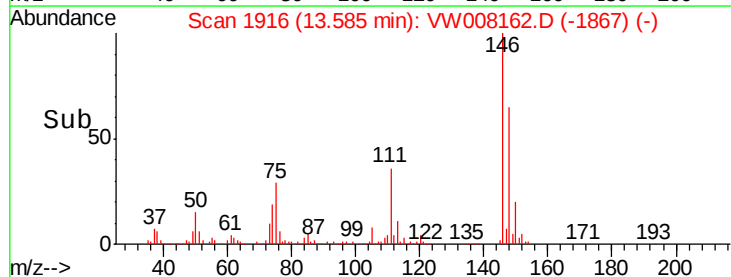
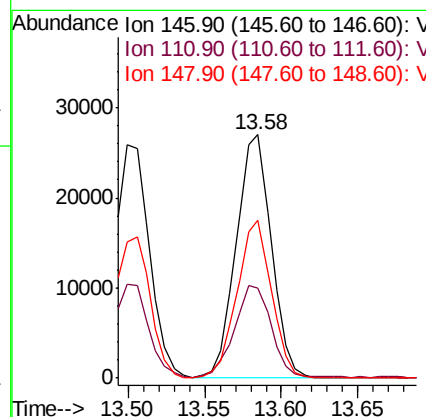
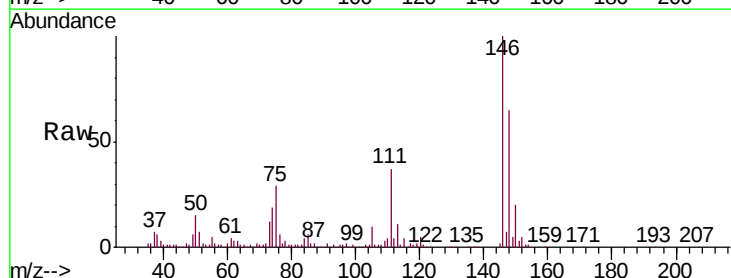
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

Tgt Ion:146 Resp: 41435
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.1 63.1
 148 62.2 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 47.098 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion:146 Resp: 43032
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.5 61.5
 148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 17.943 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

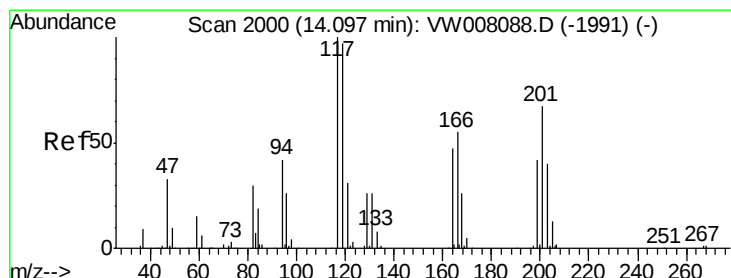
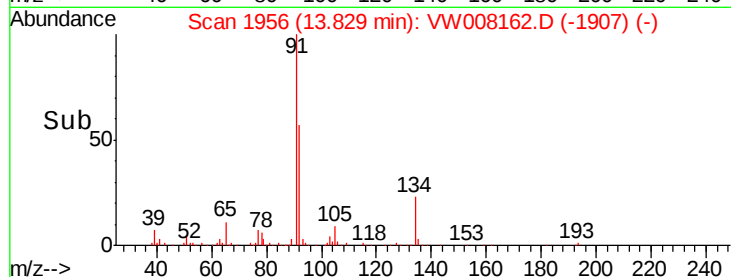
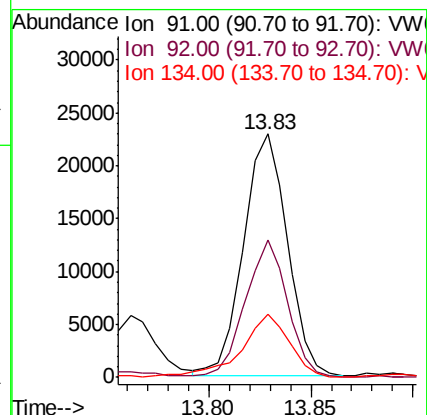
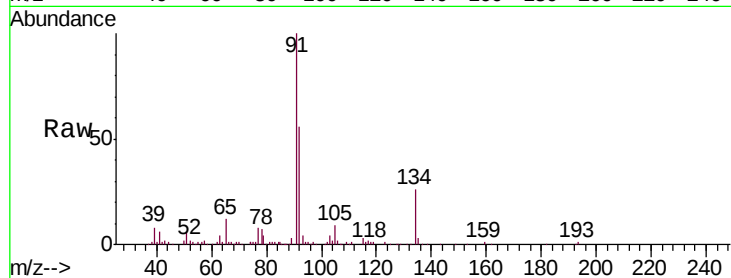
Tgt Ion: 91 Resp: 34337

Ion Ratio Lower Upper

91 100

92 53.7 27.4 82.2

134 28.8 12.6 37.8



#90

Hexachloroethane

Concen: 26.320 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008162.D

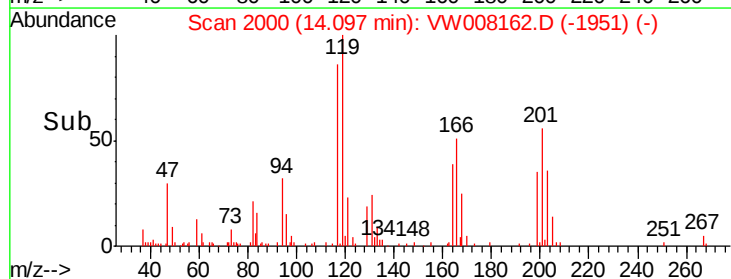
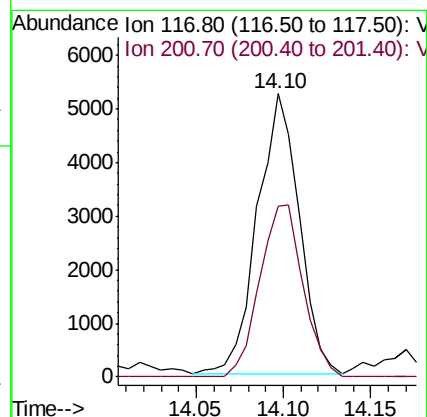
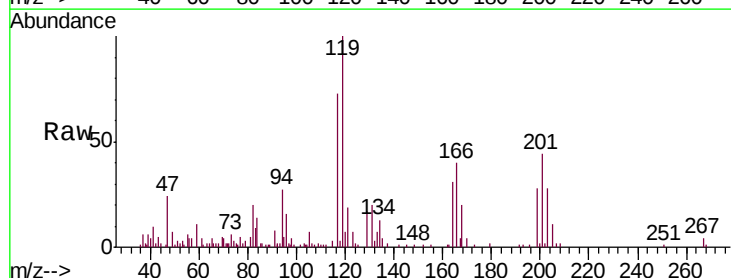
Acq: 10 Jan 2019 21:13

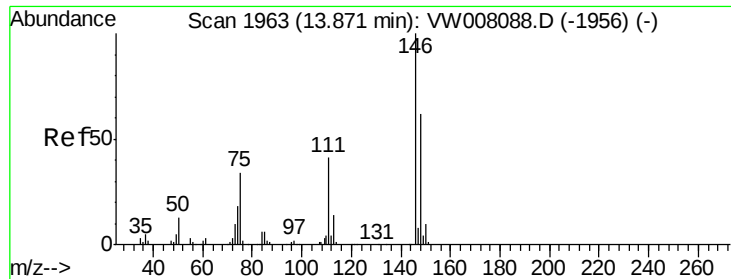
Tgt Ion: 117 Resp: 8686

Ion Ratio Lower Upper

117 100

201 63.7 33.0 98.9

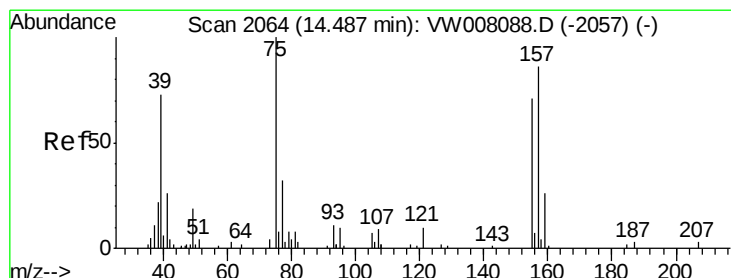
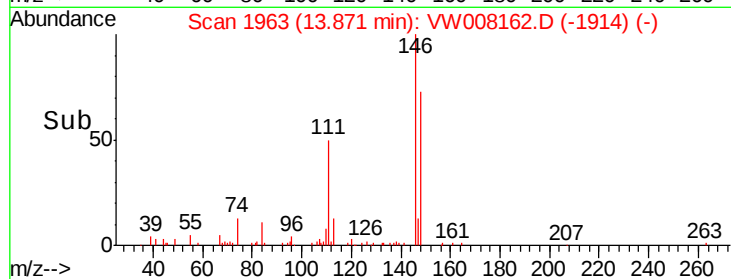
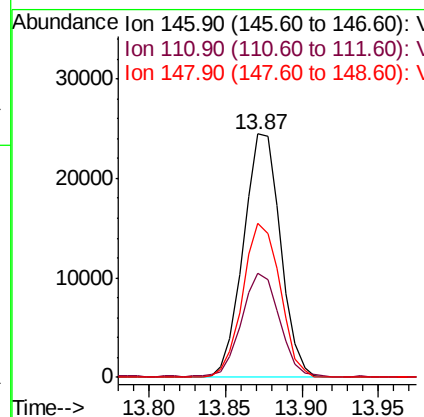
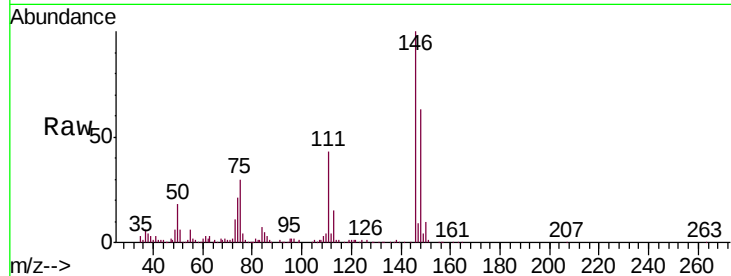




#91
 1,2-Dichlorobenzene
 Concen: 51.480 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

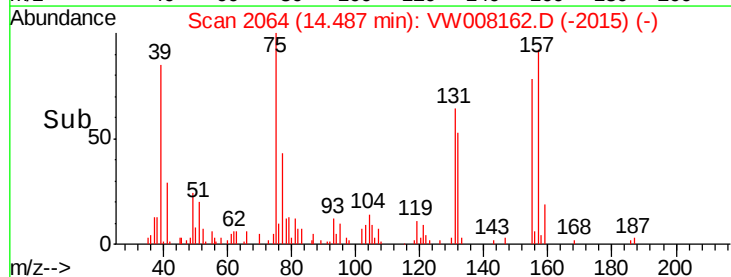
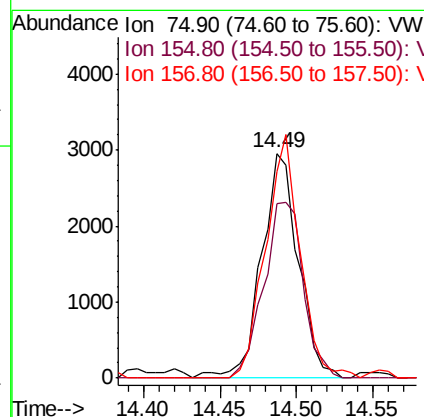
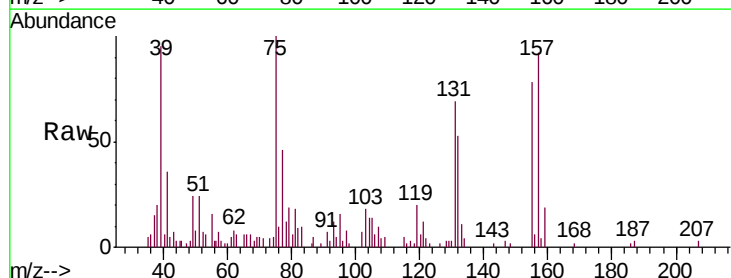
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

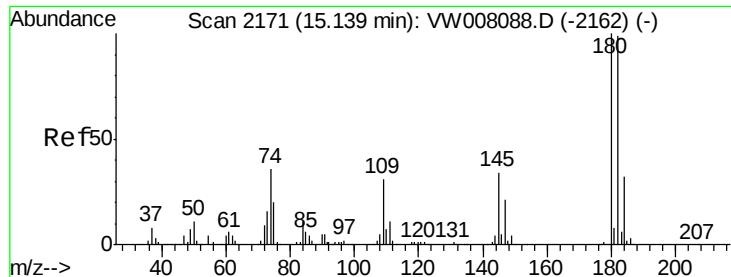
Tgt Ion:146 Resp: 41201
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.3 63.7
 148 63.9 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 90.866 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 75 Resp: 4973
 Ion Ratio Lower Upper
 75 100
 155 83.5 38.6 115.7
 157 101.3 47.5 142.6

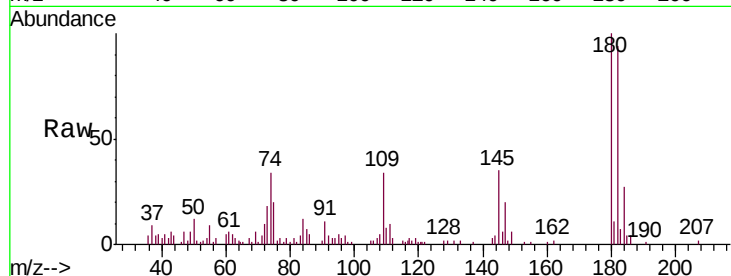




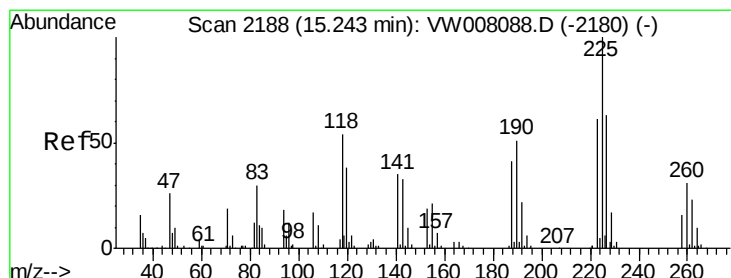
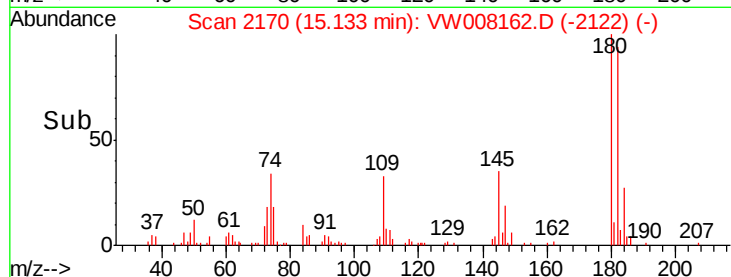
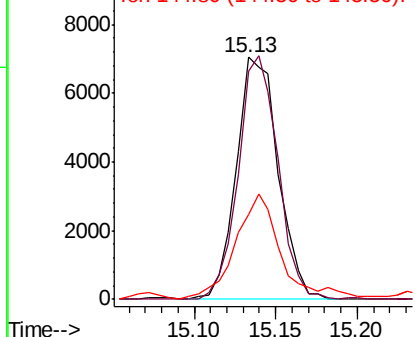
#93
 1,2,4-Trichlorobenzene
 Concen: 23.688 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.6	145.9
145	47.8	16.6	49.7

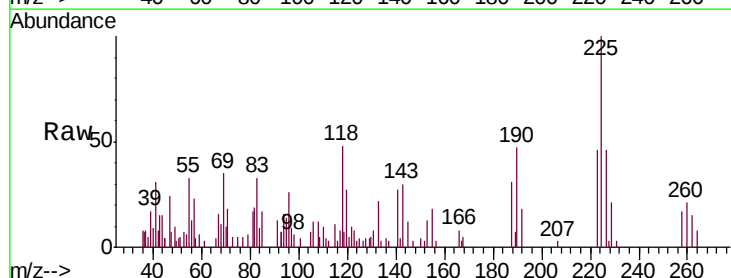


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

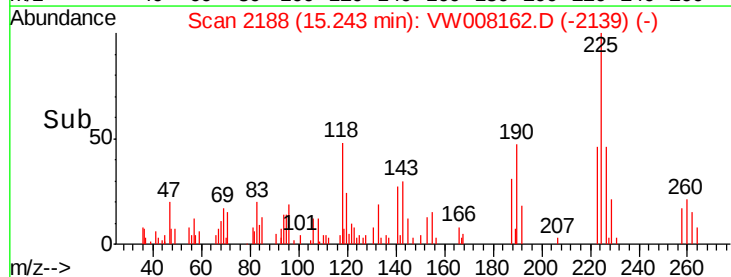
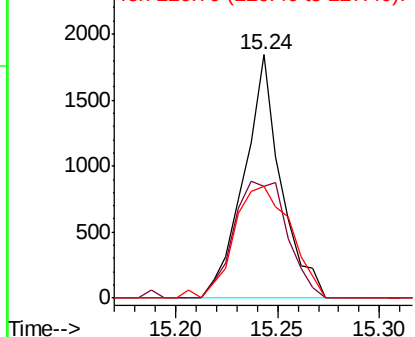


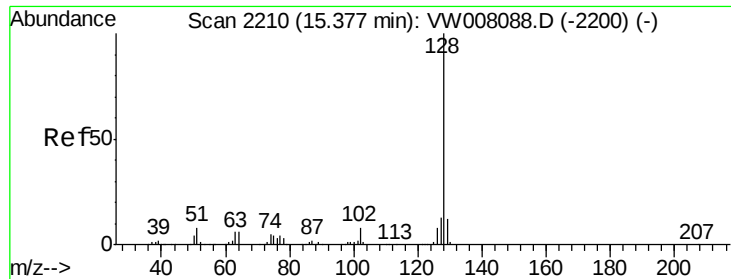
#94
 Hexachlorobutadiene
 Concen: 8.172 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.9	31.4	94.3
227	70.7	32.0	96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

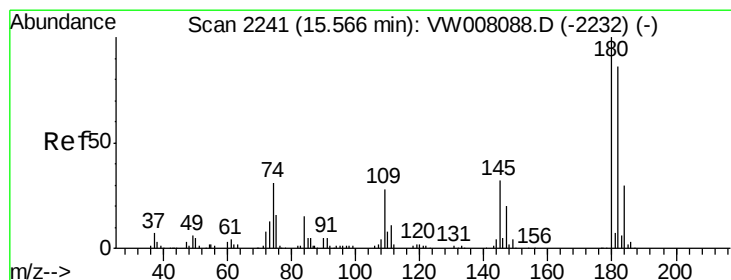
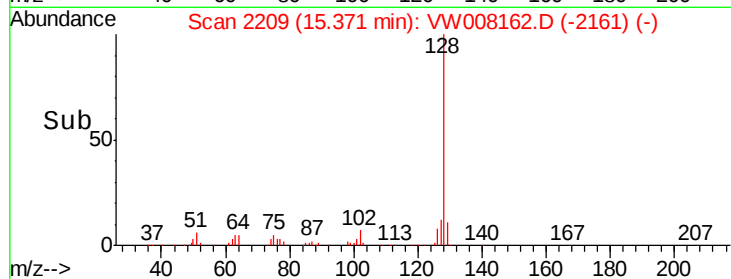
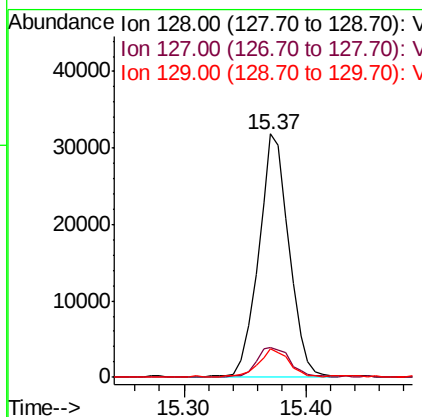
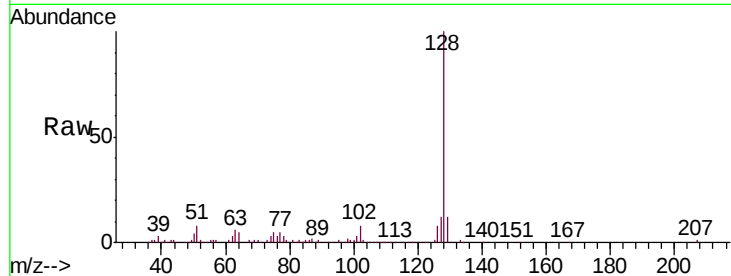




#95
Naphthalene
Concen: 54.984 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

Tgt Ion:128 Resp: 54553
Ion Ratio Lower Upper
128 100
127 14.2 11.0 16.4
129 12.2 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 25.942 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion:180 Resp: 11751
Ion Ratio Lower Upper
180 100
182 93.5 46.5 139.3
145 46.7 17.4 52.2

