

Data File : VW008203.D
Acq On : 11 Jan 2019 19:17
Operator : SY/VA
Sample : K1088-11MSD
Misc : 5.09G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

Quant Time: Jan 12 00:15:45 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	96810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	55438	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.88	113	53164	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
50) Toluene-d8	10.32	98	184983	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.62	95	50063	34.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	35405	44.811	ug/l	100
3) Chloromethane	2.21	50	49982	48.761	ug/l	94
4) Vinyl Chloride	2.37	62	65940	49.289	ug/l	98
5) Bromomethane	2.78	94	47653	47.550	ug/l	98
6) Chloroethane	2.93	64	42976	42.690	ug/l	95
7) Trichlorofluoromethane	3.26	101	47871	44.014	ug/l	97
8) Diethyl Ether	3.68	74	33993	55.286	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44072	40.814	ug/l	94
10) Methyl Iodide	4.26	142	85573	54.374	ug/l	98
11) Tert butyl alcohol	5.20	59	18661	283.583	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	54241	51.162	ug/l	93
13) Acrolein	3.89	56	8796	120.653	ug/l	98
14) Allyl chloride	4.67	41	91059	47.307	ug/l	98
15) Acrylonitrile	5.37	53	68995	294.742	ug/l	97
16) Acetone	4.14	43	75513	398.679	ug/l	92
17) Carbon Disulfide	4.37	76	152072	45.917	ug/l	99
18) Methyl Acetate	4.67	43	47752	69.439	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	103496	60.048	ug/l	96
20) Methylene Chloride	4.91	84	67111	63.992	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	57749	50.124	ug/l	96
22) Diisopropyl ether	6.31	45	204203	55.625	ug/l	100
23) Vinyl Acetate	6.26	43	492054	255.212	ug/l	96
24) 1,1-Dichloroethane	6.21	63	111371	52.068	ug/l	97
25) 2-Butanone	7.17	43	93433	308.632	ug/l	99
26) 2,2-Dichloropropane	7.16	77	68145	47.019	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	66608	52.989	ug/l	93
28) Bromochloromethane	7.51	49	41408	48.944	ug/l #	90
29) Tetrahydrofuran	7.53	42	58000	286.814	ug/l	99
30) Chloroform	7.67	83	108379	53.232	ug/l	97
31) Cyclohexane	7.95	56	61101	26.684	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	85929	48.505	ug/l	99
36) 1,1-Dichloropropene	8.08	75	74229	43.832	ug/l	97
37) Ethyl Acetate	7.26	43	39281	57.896	ug/l	98
38) Carbon Tetrachloride	8.07	117	71385	46.054	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	45606	21.238	ug/l	94
40) Benzene	8.32	78	239288	52.095	ug/l	98
41) Methacrylonitrile	7.49	41	25583	59.692	ug/l	92
42) 1,2-Dichloroethane	8.40	62	69967	54.159	ug/l	98
43) Isopropyl Acetate	8.43	43	79868	58.877	ug/l	99
44) Trichloroethene	9.09	130	57424	48.837	ug/l	88
45) 1,2-Dichloropropane	9.37	63	61282	53.807	ug/l	98
46) Dibromomethane	9.46	93	31948	57.118	ug/l	93
47) Bromodichloromethane	9.65	83	78300	55.131	ug/l	97
48) Methyl methacrylate	9.43	41	39860	62.273	ug/l	98
49) 1,4-Dioxane	9.46	88	8944	994.313	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	197455	300.709	ug/l	98
52) Toluene	10.39	92	135770	46.284	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	76739	51.944	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	89531	51.107	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	45547	57.999	ug/l	98
56) Ethyl methacrylate	10.65	69	60781	62.498	ug/l	99
57) 1,3-Dichloropropane	10.93	76	79712	55.501	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	138575	275.846	ug/l	96
59) 2-Hexanone	10.97	43	138777	312.529	ug/l	99
60) Dibromochloromethane	11.13	129	51562	59.792	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43094	57.833	ug/l	99
64) Tetrachloroethene	10.86	164	37989	45.553	ug/l	94
65) Chlorobenzene	11.66	112	136617	50.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	52762	59.753	ug/l	99
67) Ethyl Benzene	11.73	91	217452	43.776	ug/l	98
68) m/p-Xylenes	11.84	106	162416	85.663	ug/l	98
69) o-Xylene	12.16	106	81622	46.488	ug/l	95
70) Styrene	12.18	104	129851	47.217	ug/l	97
71) Bromoform	12.35	173	27538	69.683	ug/l #	96
73) Isopropylbenzene	12.47	105	176804	52.564	ug/l	100
74) N-amyl acetate	12.27	43	73108	98.147	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	51772	96.161	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61648	157.845	ug/l #	7
77) Bromobenzene	12.75	156	49290	69.352	ug/l	92
78) n-propylbenzene	12.80	91	181143	43.953	ug/l	99
79) 2-Chlorotoluene	12.90	91	118515	51.544	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	122489	44.315	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15082	89.926	ug/l	97
82) 4-Chlorotoluene	12.99	91	120889	49.920	ug/l	98
83) tert-Butylbenzene	13.21	119	99304	40.610	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	130671	45.837	ug/l	99
85) sec-Butylbenzene	13.39	105	129072	36.033	ug/l	96
86) p-Isopropyltoluene	13.50	119	106990	34.588	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	70077	48.607	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	70095	48.459	ug/l	99
89) n-Butylbenzene	13.83	91	91487	30.198	ug/l	98
90) Hexachloroethane	14.10	117	21119	40.422	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	67393	53.189	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7020	81.021	ug/l	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011119\
Quantitation Report (Not Reviewed)

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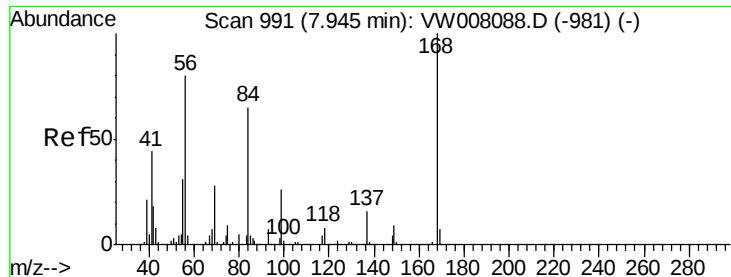
Quant Time: Jan 12 00:15:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	25284	30.056	ug/l #	74
94) Hexachlorobutadiene	15.24	225	8305	18.445	ug/l	99
95) Naphthalene	15.37	128	76827	48.912	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	23272	32.452	ug/l #	76

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

Quant Time: Jan 12 00:15:45 2019
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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: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

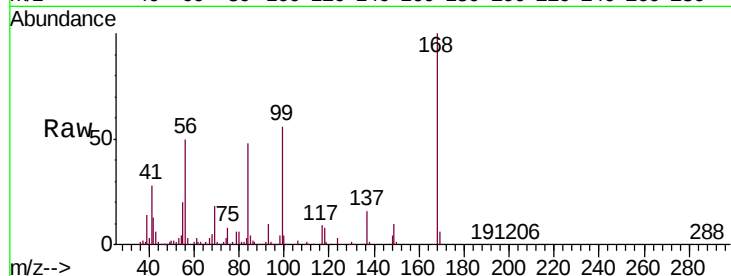
CPSB-06(15-20)MSD

Tgt Ion:168 Resp: 96810

Ion Ratio Lower Upper

168 100

99 56.3 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

40000

30000

20000

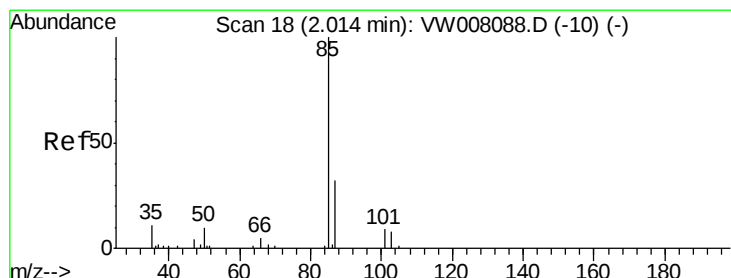
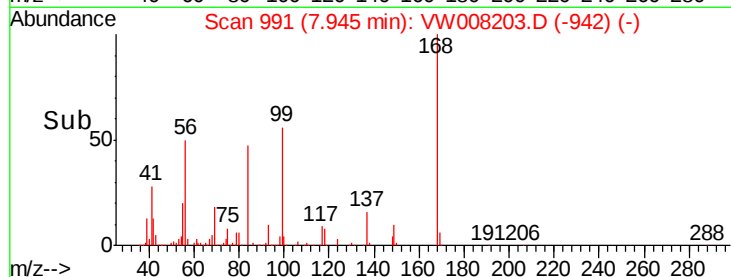
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 44.811 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008203.D

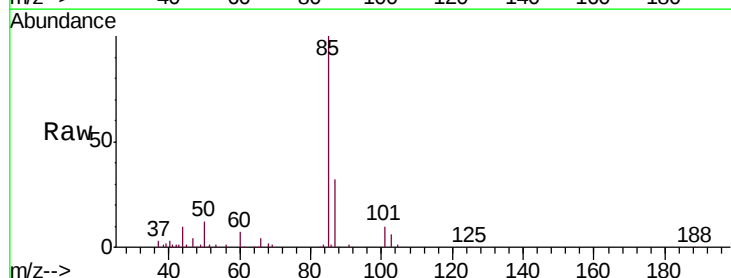
Acq: 11 Jan 2019 19:17

Tgt Ion: 85 Resp: 35405

Ion Ratio Lower Upper

85 100

87 32.1 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

15000

10000

5000

0

1.90

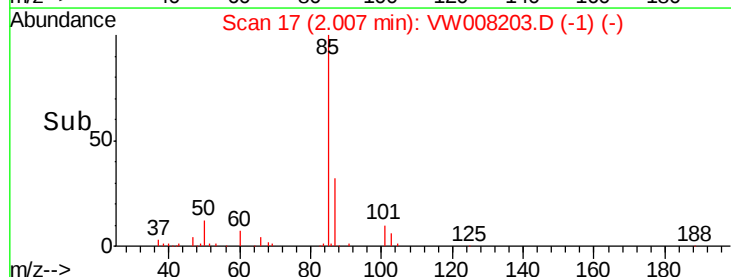
1.95

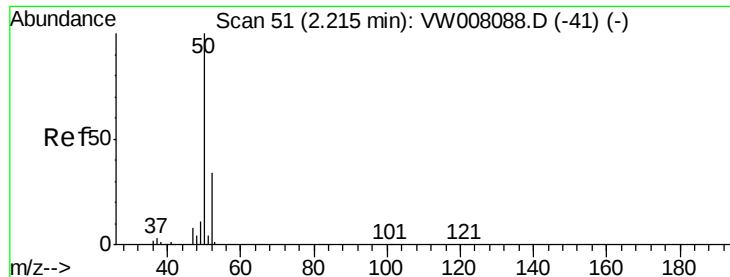
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 48.761 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

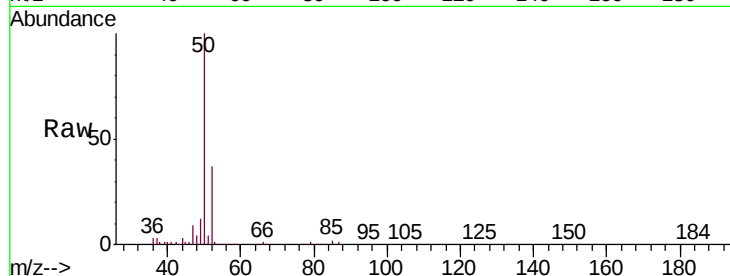
CPSB-06(15-20)MSD

Tgt Ion: 50 Resp: 49982

Ion Ratio Lower Upper

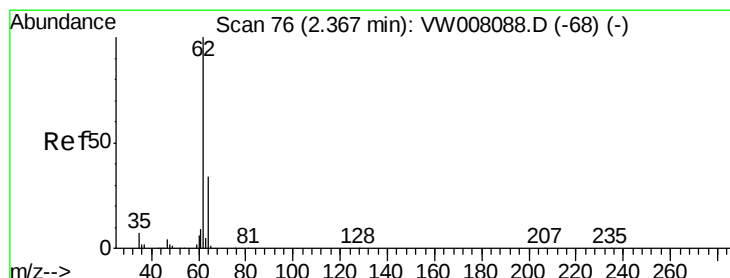
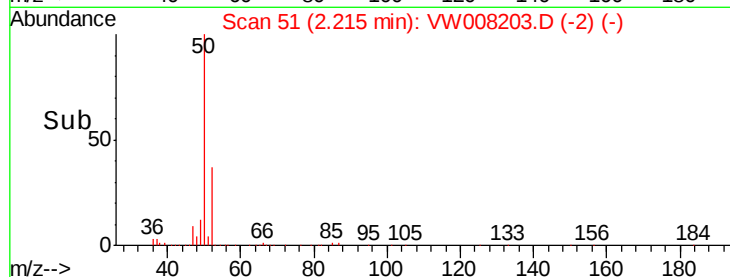
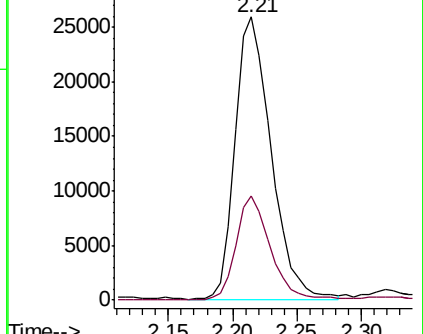
50 100

52 36.9 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: 49.289 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008203.D

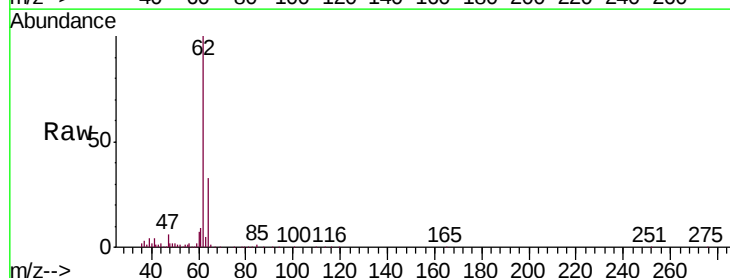
Acq: 11 Jan 2019 19:17

Tgt Ion: 62 Resp: 65940

Ion Ratio Lower Upper

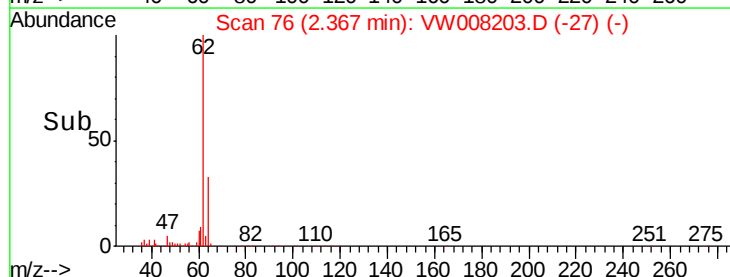
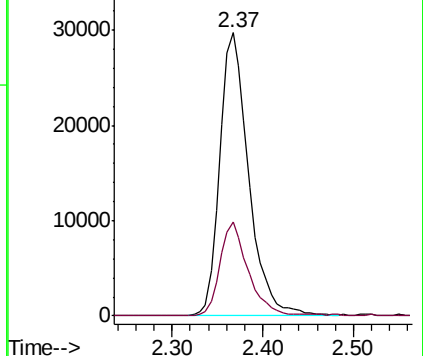
62 100

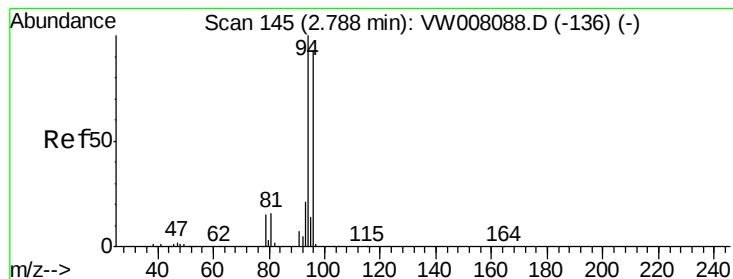
64 32.8 27.0 40.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 47.550 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

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ClientSampleId :

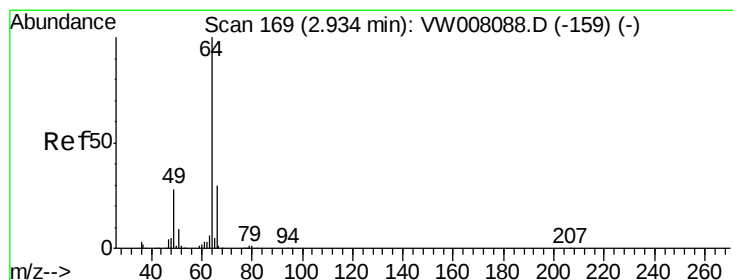
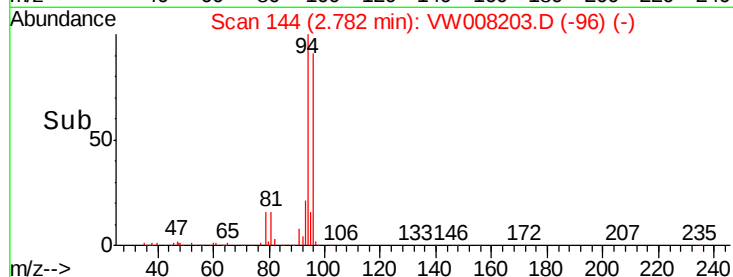
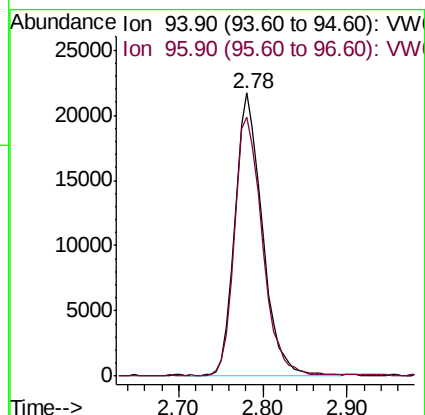
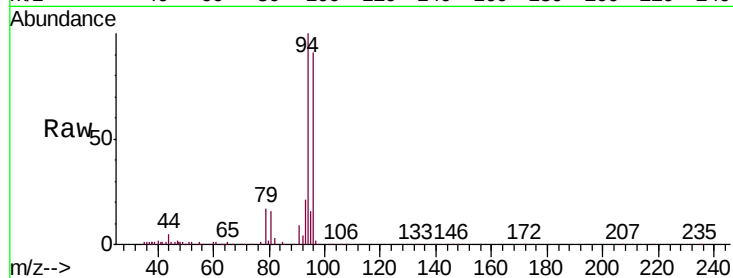
CPSB-06(15-20)MSD

Tgt Ion: 94 Resp: 47653

Ion Ratio Lower Upper

94 100

96 91.0 74.1 111.1



#6

Chloroethane

Concen: 42.690 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008203.D

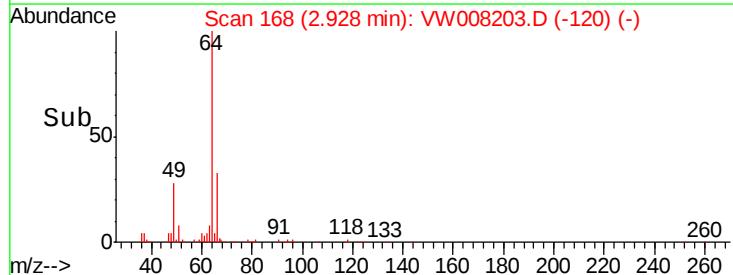
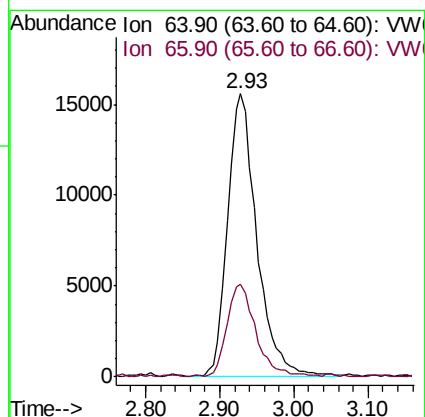
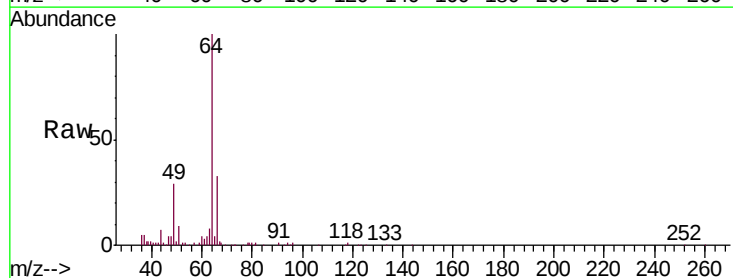
Acq: 11 Jan 2019 19:17

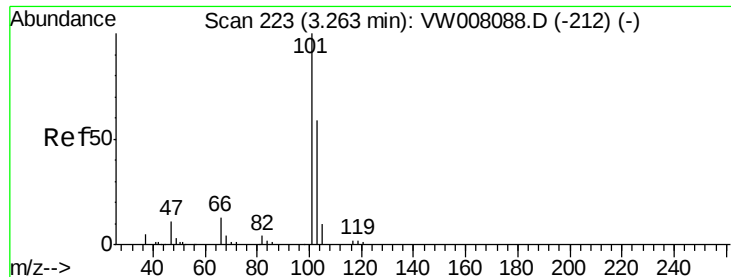
Tgt Ion: 64 Resp: 42976

Ion Ratio Lower Upper

64 100

66 32.9 24.2 36.2



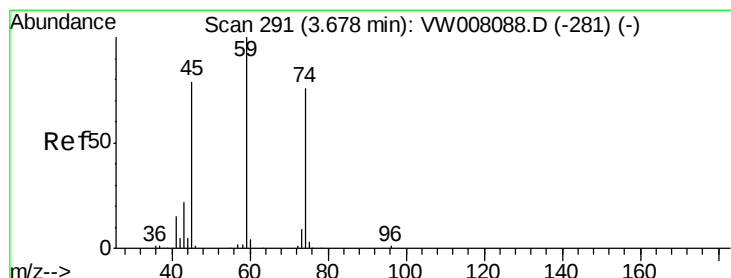
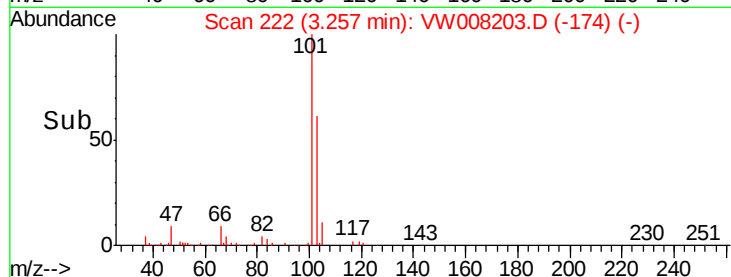
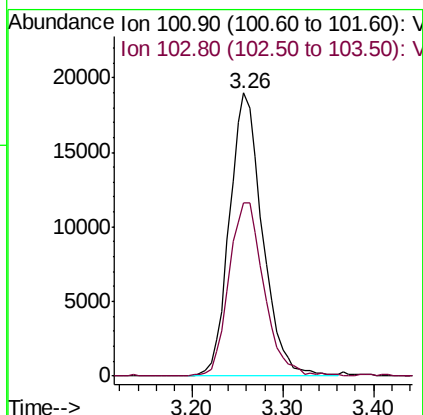
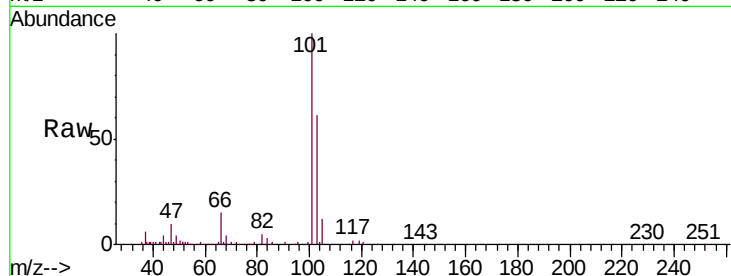


#7

Trichlorofluoromethane
 Concen: 44.014 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008203.D
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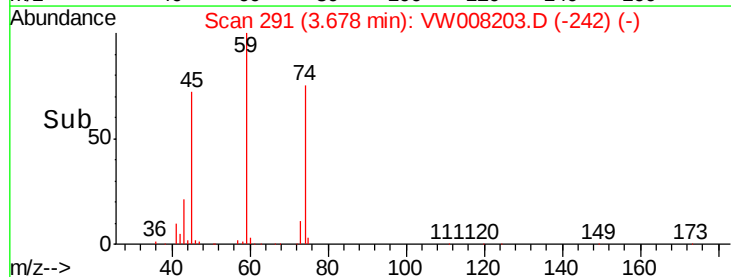
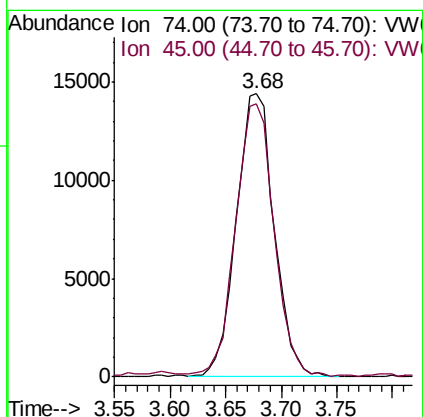
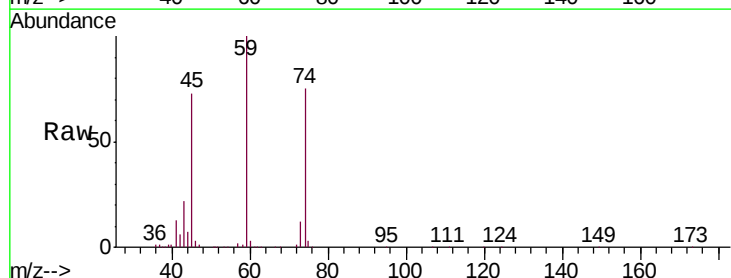
Tgt Ion:101 Resp: 47871
 Ion Ratio Lower Upper
 101 100
 103 61.2 47.0 70.6

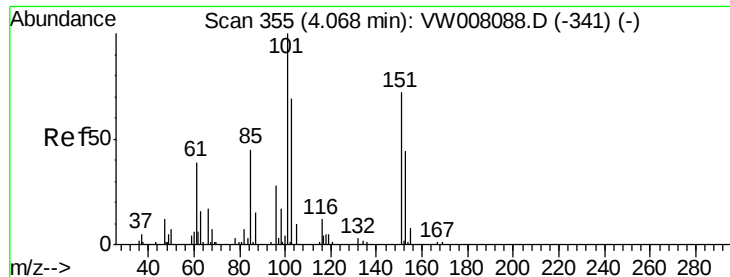


#8

Diethyl Ether
 Concen: 55.286 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion: 74 Resp: 33993
 Ion Ratio Lower Upper
 74 100
 45 98.4 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.814 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

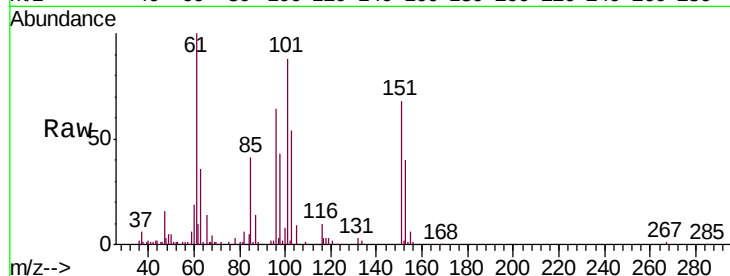
Tgt Ion:101 Resp: 44072

Ion Ratio Lower Upper

101 100

85 45.6 35.9 53.9

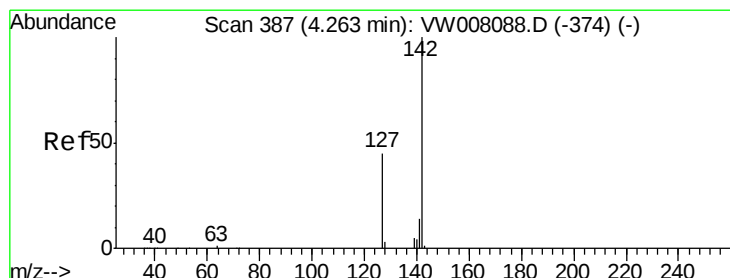
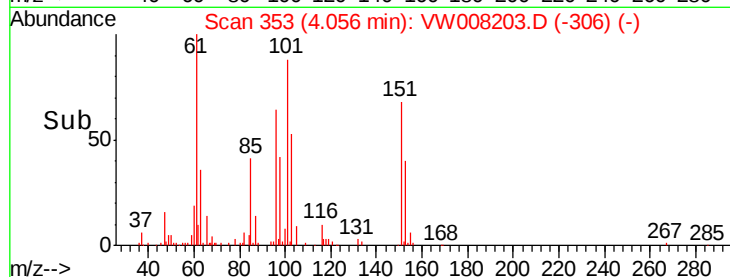
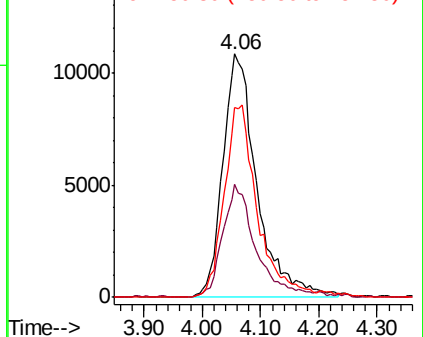
151 76.7 55.8 83.8



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: 54.374 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

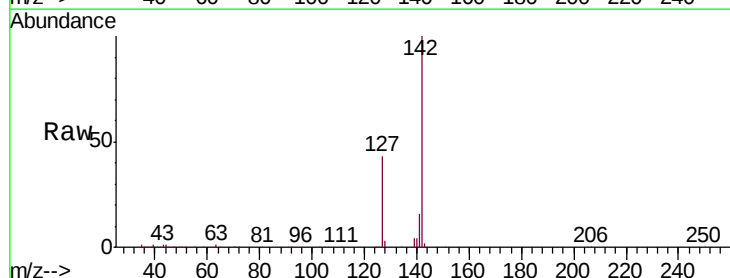
Tgt Ion:142 Resp: 85573

Ion Ratio Lower Upper

142 100

127 42.0 35.0 52.4

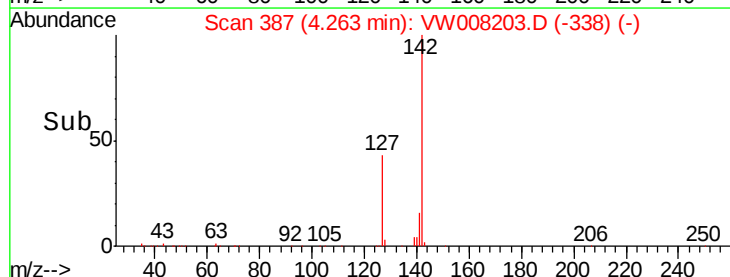
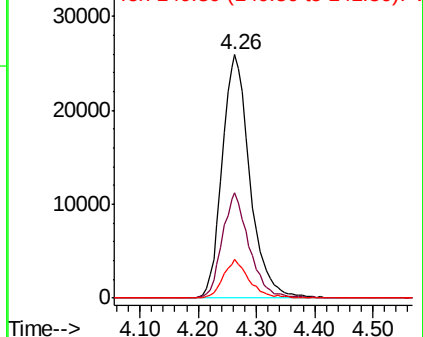
141 14.6 11.8 17.6

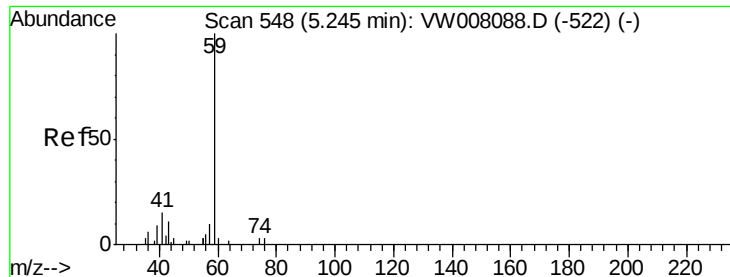


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

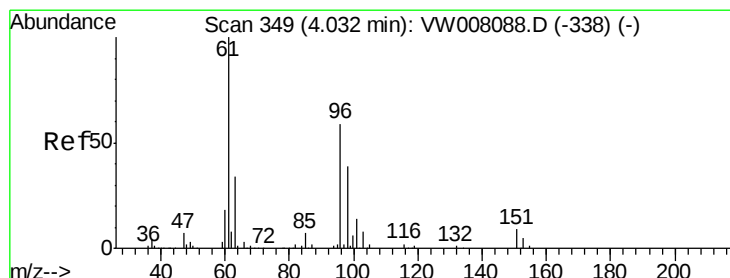
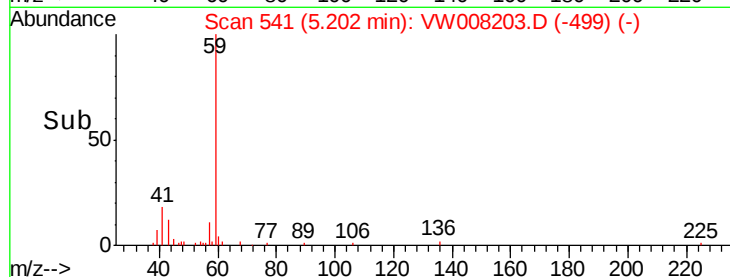
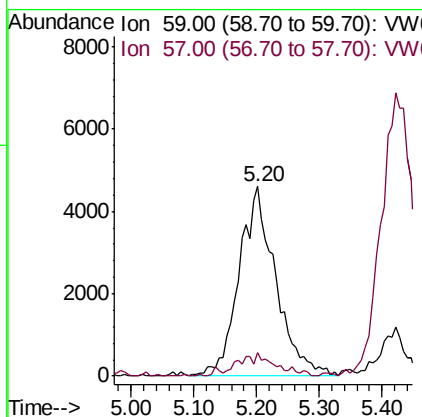
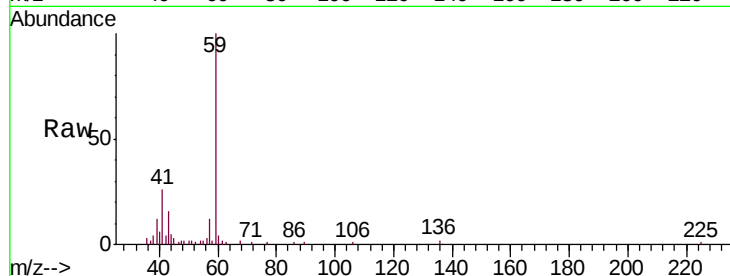




#11
Tert butyl alcohol
Concen: 283.583 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.04 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

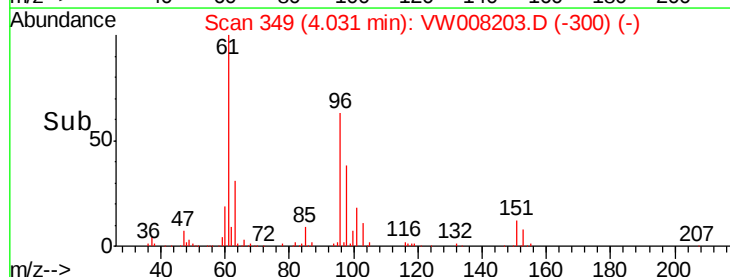
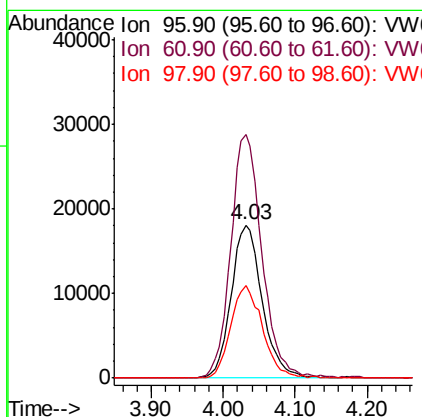
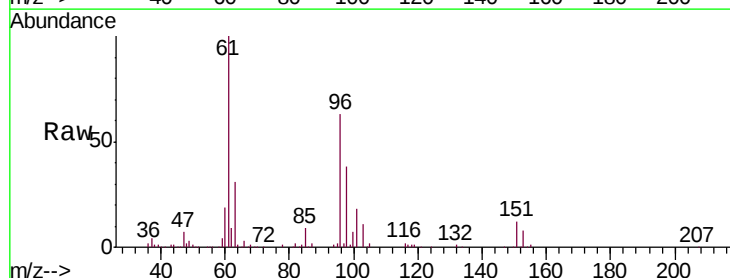
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

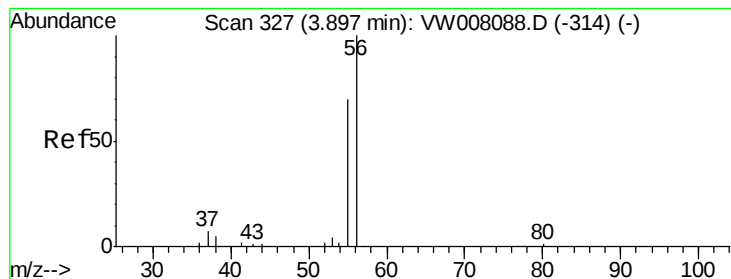
Tgt Ion: 59 Resp: 18661
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 51.162 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion: 96 Resp: 54241
Ion Ratio Lower Upper
96 100
61 159.3 135.4 203.2
98 60.3 52.5 78.7





#13

Acrolein

Concen: 120.653 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

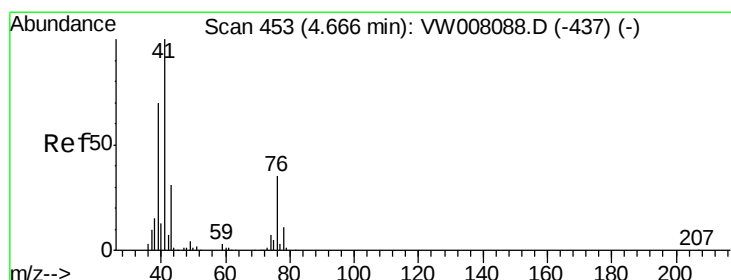
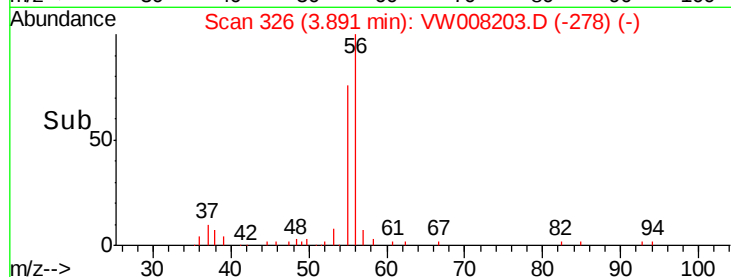
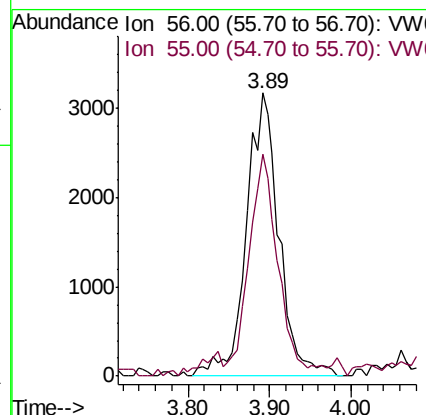
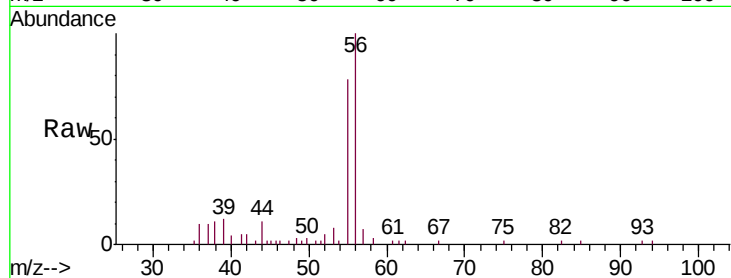
CPSB-06(15-20)MSD

Tgt Ion: 56 Resp: 8796

Ion Ratio Lower Upper

56 100

55 69.2 56.6 84.8



#14

Allyl chloride

Concen: 47.307 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

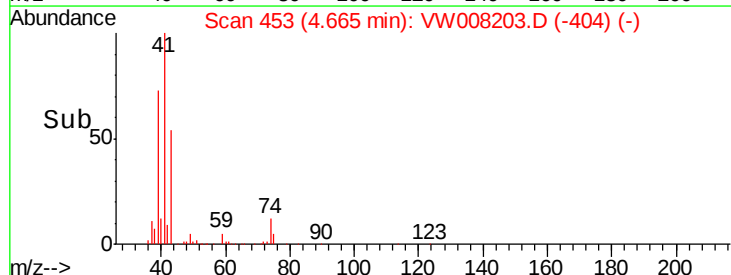
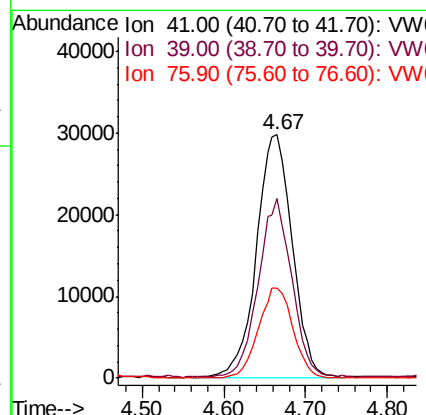
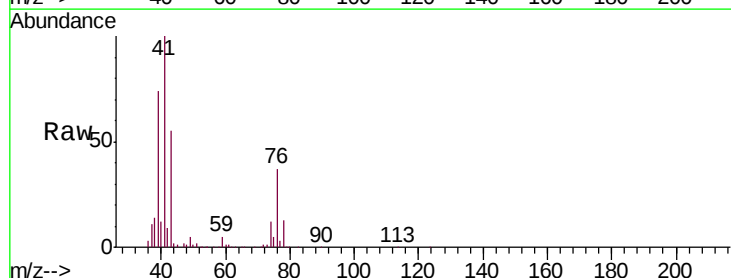
Tgt Ion: 41 Resp: 91059

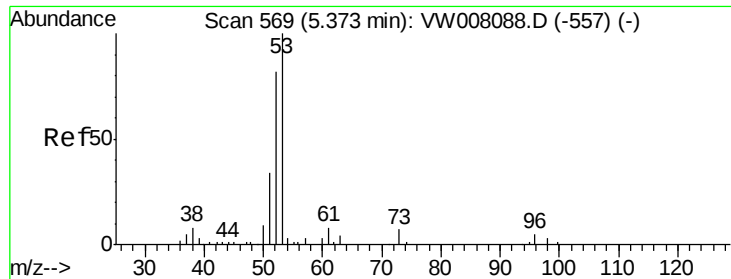
Ion Ratio Lower Upper

41 100

39 68.5 53.8 80.8

76 35.9 27.6 41.4





#15

Acrylonitrile

Concen: 294.742 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

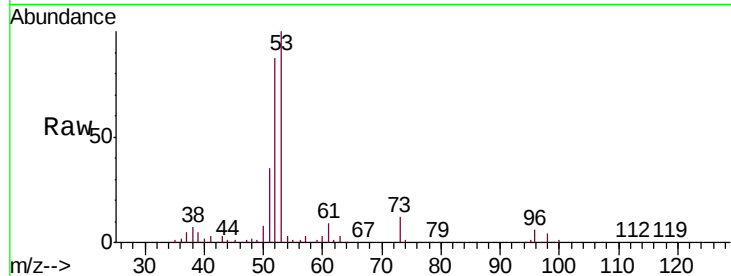
Tgt Ion: 53 Resp: 68995

Ion Ratio Lower Upper

53 100

52 81.8 66.8 100.2

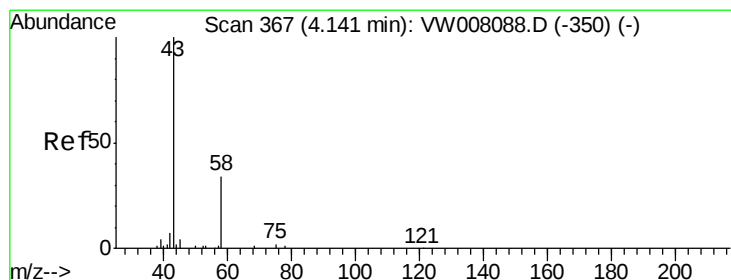
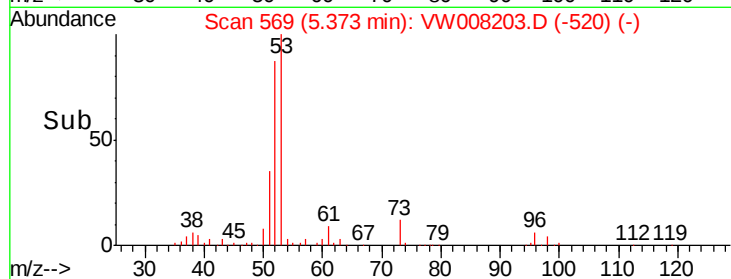
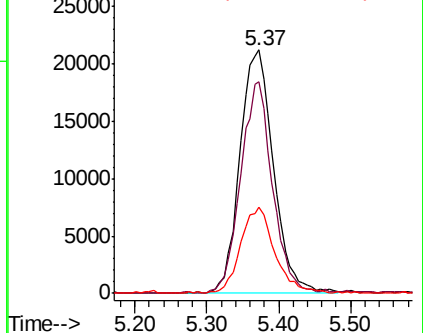
51 34.7 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 398.679 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008203.D

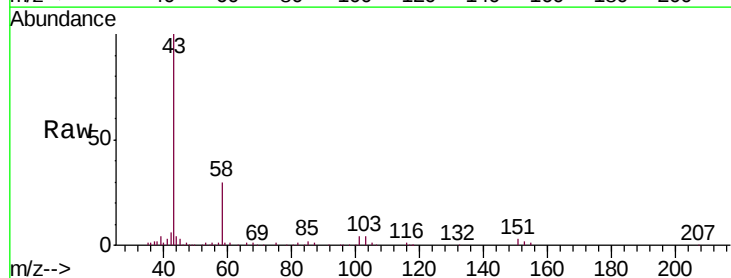
Acq: 11 Jan 2019 19:17

Tgt Ion: 43 Resp: 75513

Ion Ratio Lower Upper

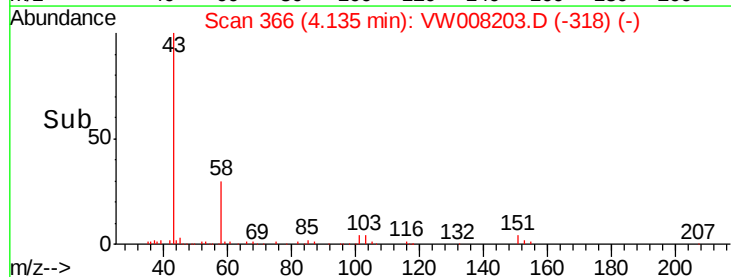
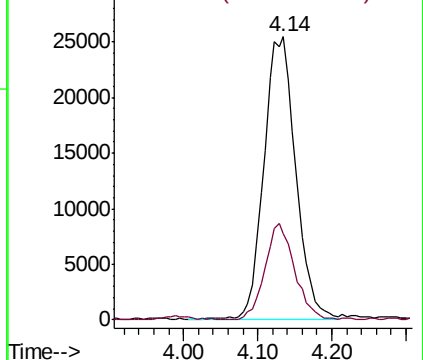
43 100

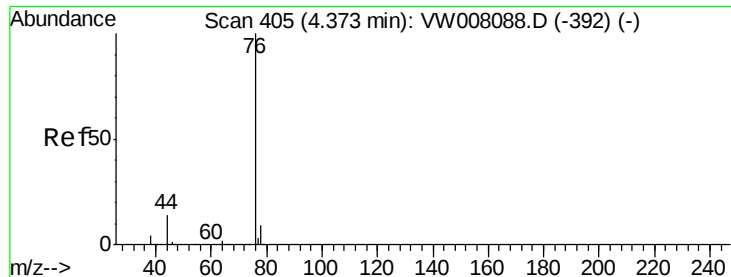
58 29.9 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

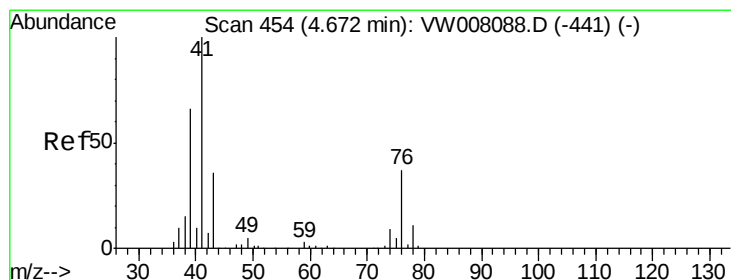
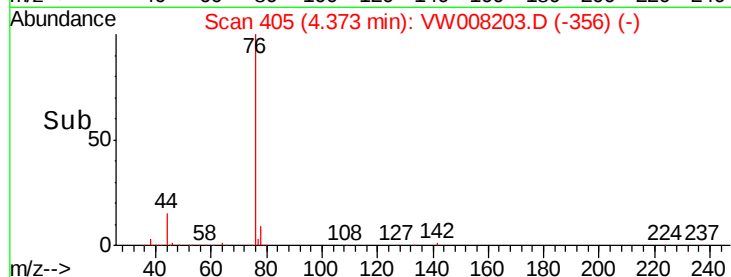
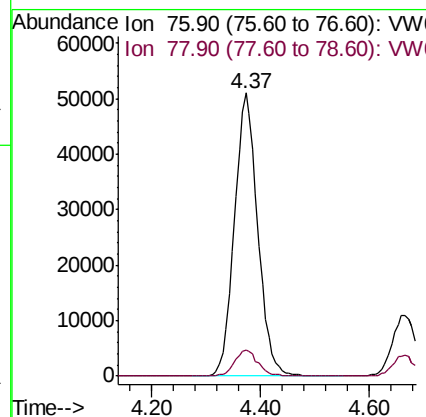
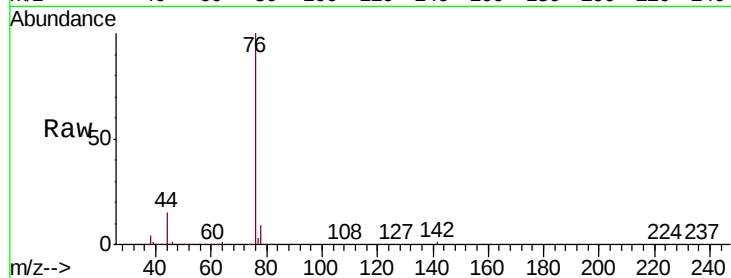




#17
Carbon Disulfide
Concen: 45.917 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

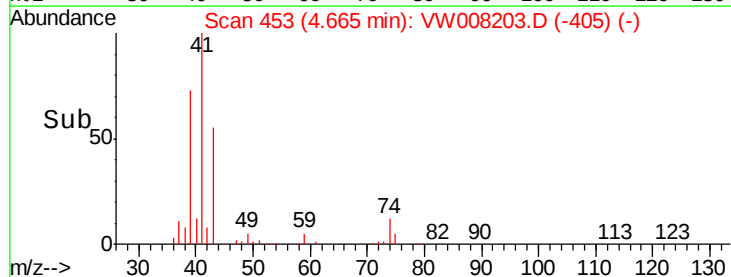
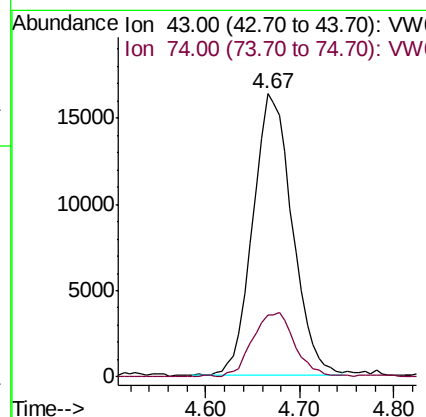
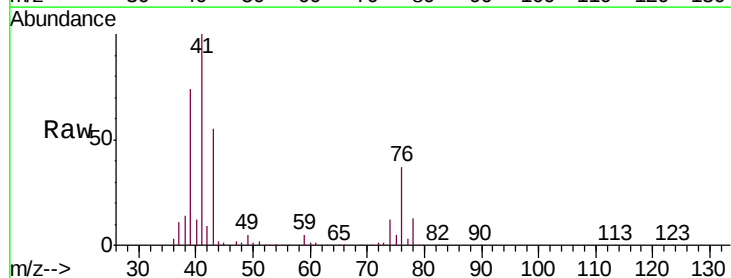
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

Tgt Ion: 76 Resp: 152072
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 69.439 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion: 43 Resp: 47752
Ion Ratio Lower Upper
43 100
74 24.5 19.0 28.4



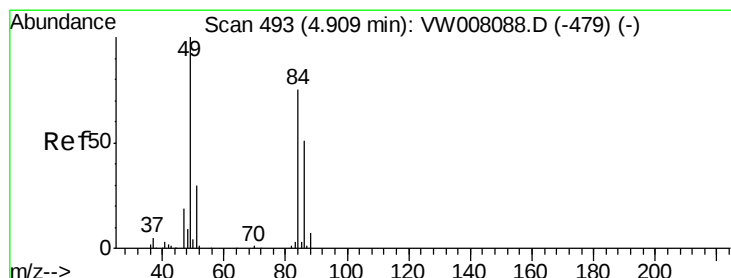
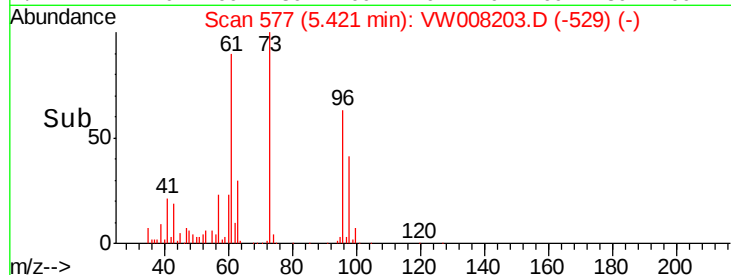
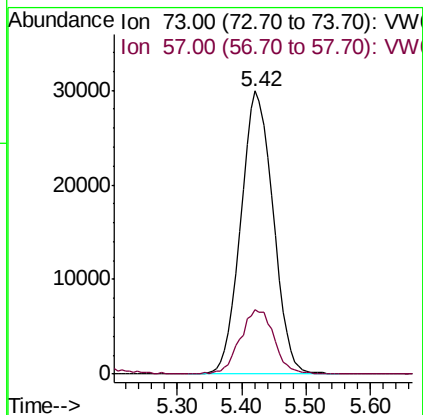
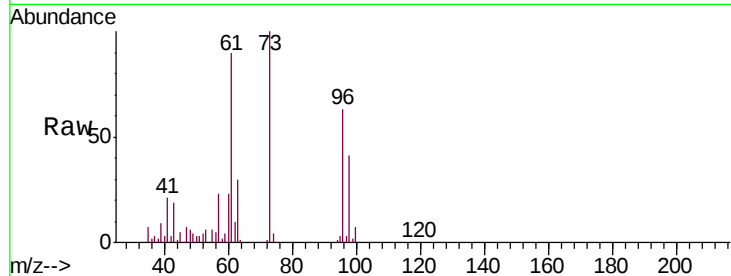


#19

Methyl tert-butyl Ether
 Concen: 60.048 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MSD

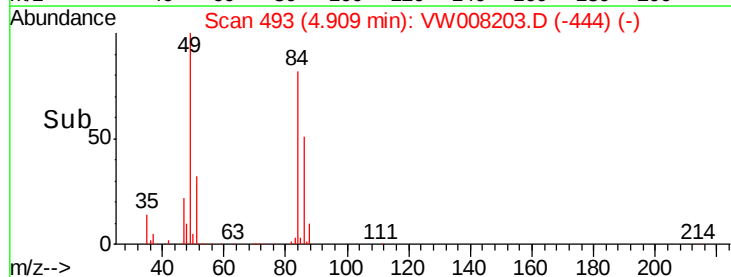
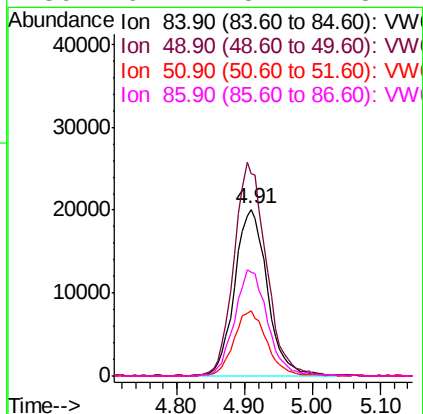
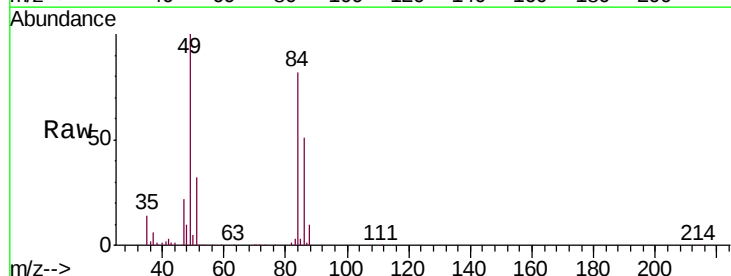
Tgt Ion: 73 Resp: 103496
 Ion Ratio Lower Upper
 73 100
 57 23.0 16.7 25.1

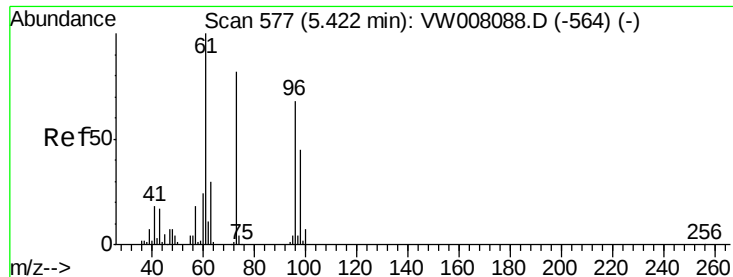


#20

Methylene Chloride
 Concen: 63.992 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion: 84 Resp: 67111
 Ion Ratio Lower Upper
 84 100
 49 121.0 107.1 160.7
 51 39.2 32.4 48.6
 86 62.2 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 50.124 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

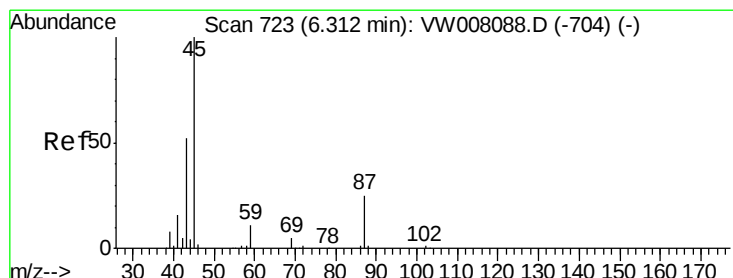
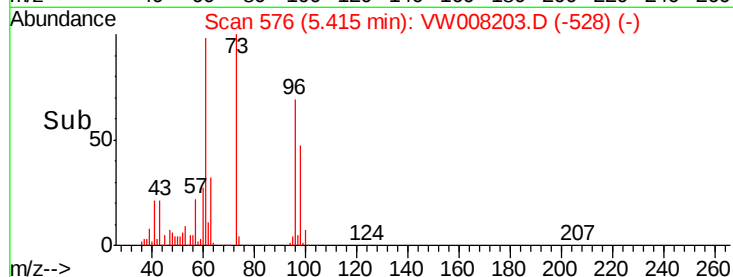
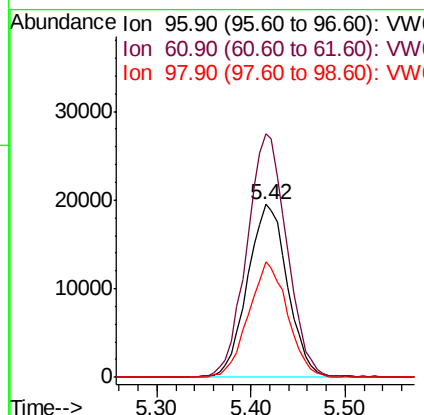
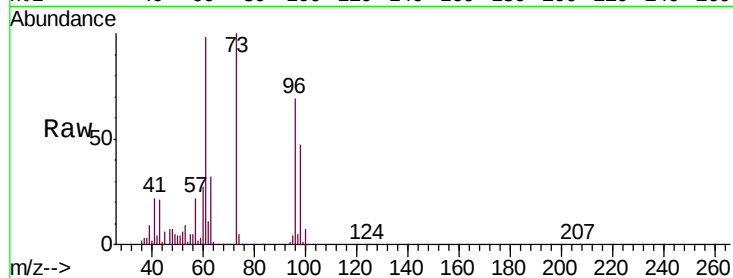
Tgt Ion: 96 Resp: 57749

Ion Ratio Lower Upper

96 100

61 140.4 117.4 176.0

98 67.0 52.2 78.4



#22

Diisopropyl ether

Concen: 55.625 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion: 45 Resp: 204203

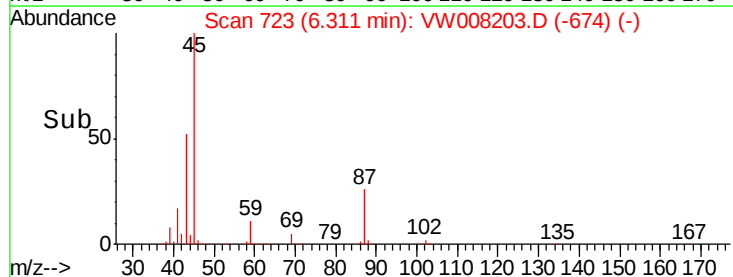
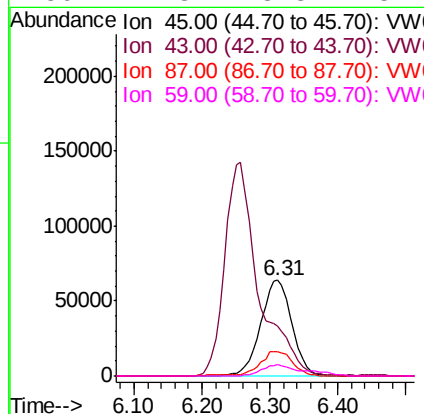
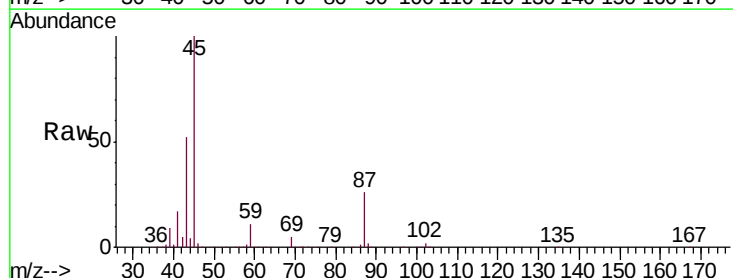
Ion Ratio Lower Upper

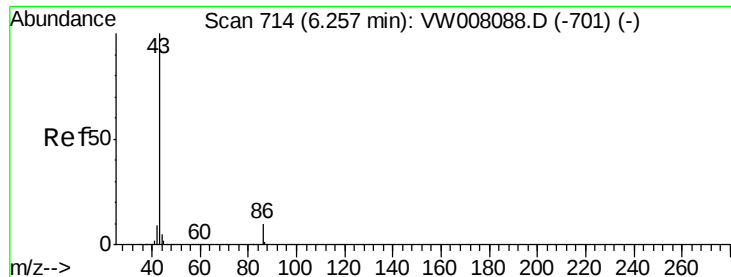
45 100

43 52.2 41.7 62.5

87 25.5 20.1 30.1

59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 255.212 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

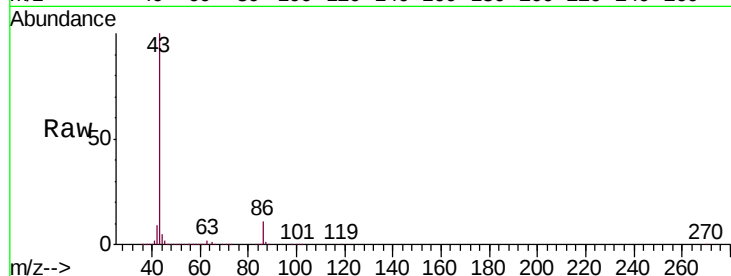
CPSB-06(15-20)MSD

Tgt Ion: 43 Resp: 492054

Ion Ratio Lower Upper

43 100

86 10.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

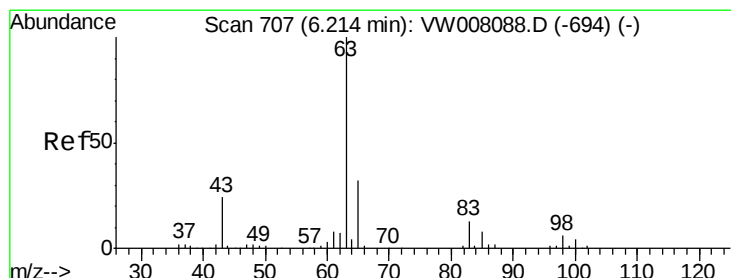
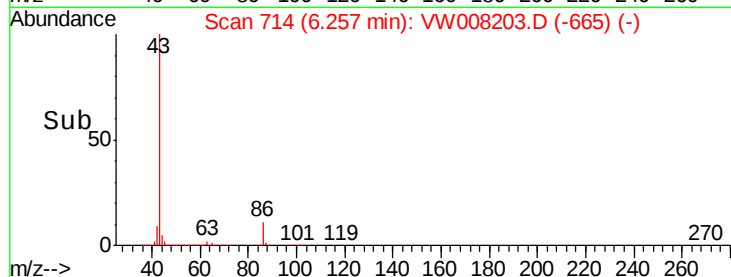
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.068 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

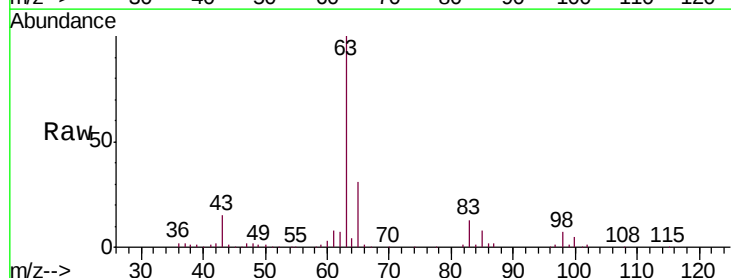
Tgt Ion: 63 Resp: 111371

Ion Ratio Lower Upper

63 100

98 7.5 3.2 9.6

100 4.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

50000

40000

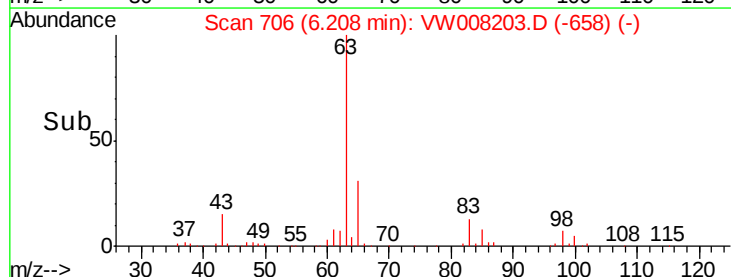
30000

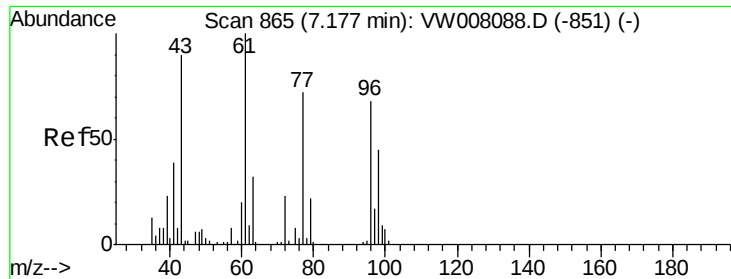
20000

10000

0

Time-->





#25

2-Butanone

Concen: 308.632 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

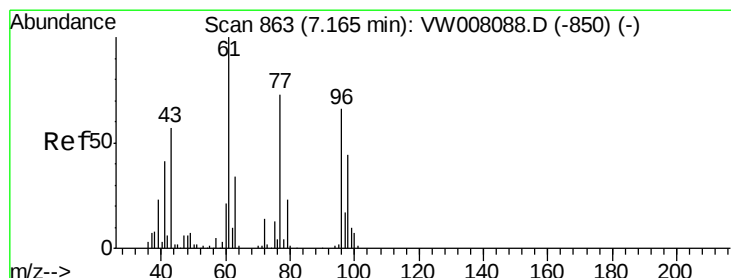
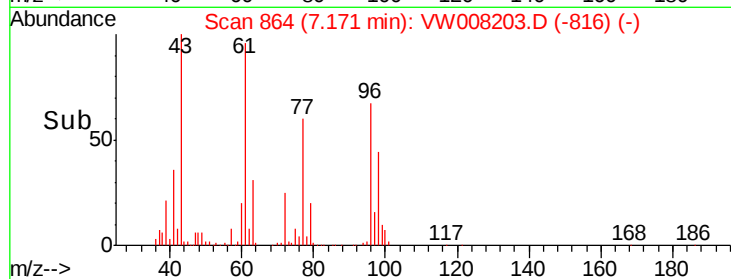
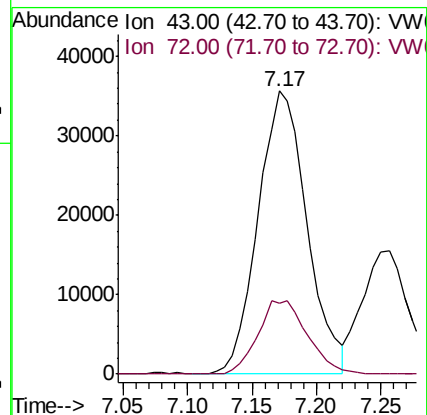
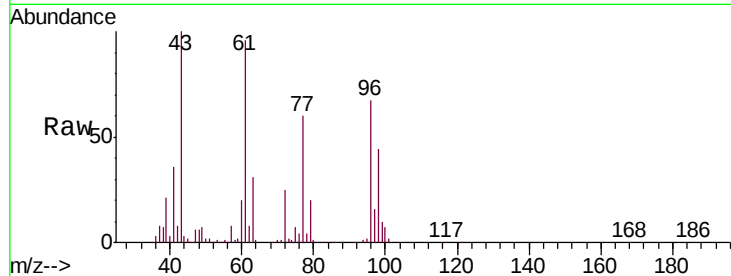
CPSB-06(15-20)MSD

Tgt Ion: 43 Resp: 93433

Ion Ratio Lower Upper

43 100

72 24.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 47.019 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008203.D

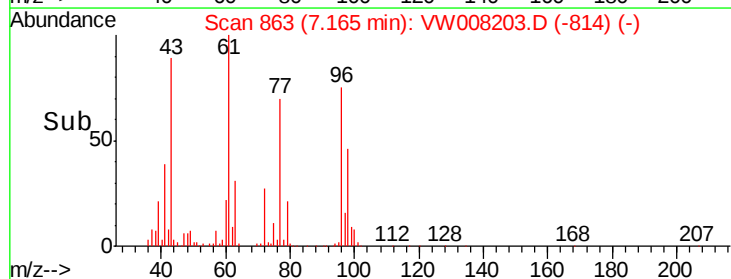
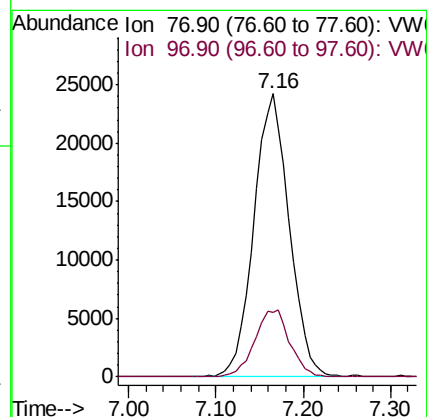
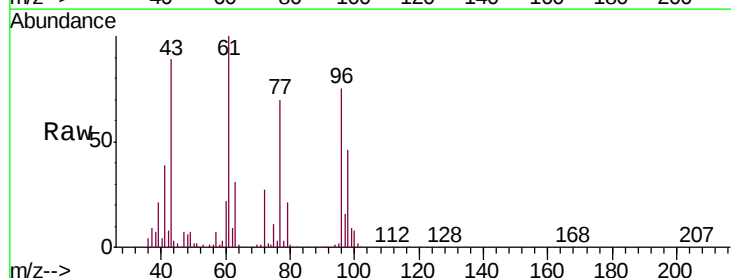
Acq: 11 Jan 2019 19:17

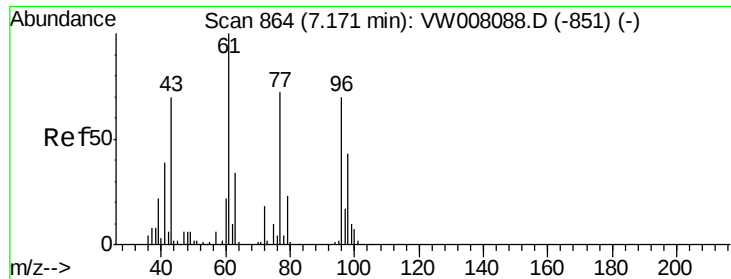
Tgt Ion: 77 Resp: 68145

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.1



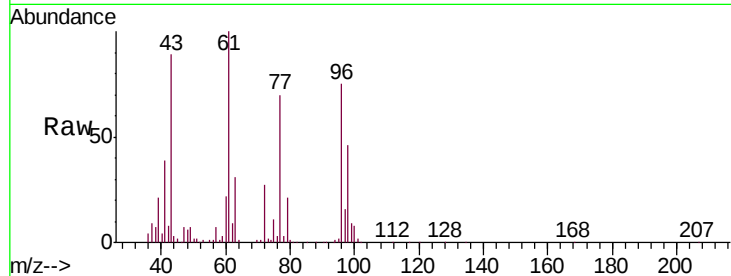


#27

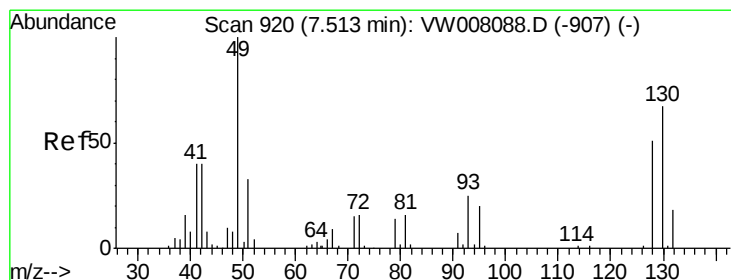
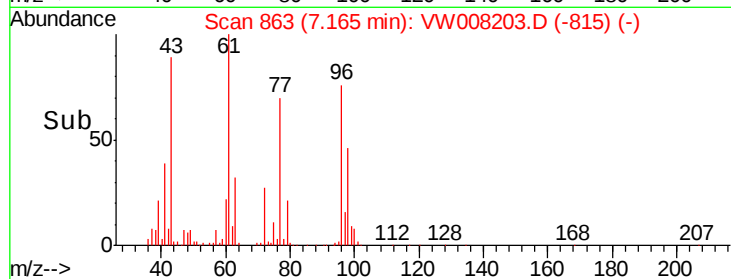
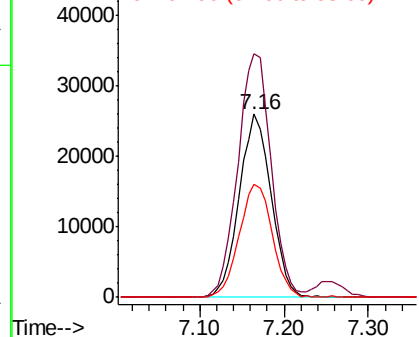
cis-1,2-Dichloroethene
 Concen: 52.989 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MSD

Tgt Ion: 96 Resp: 66608
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 300.4
 98 63.6 0.0 128.4



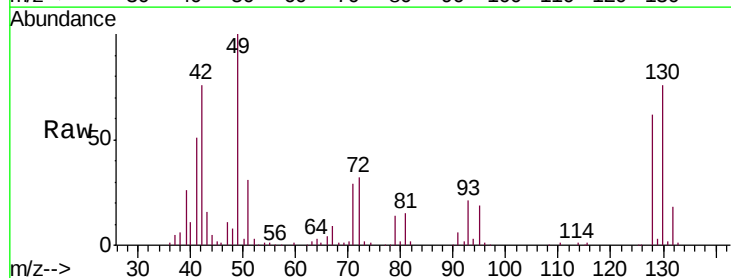
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



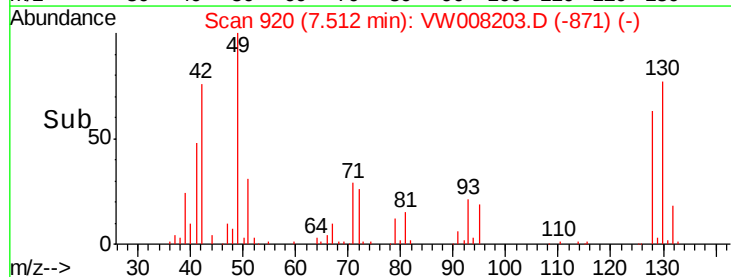
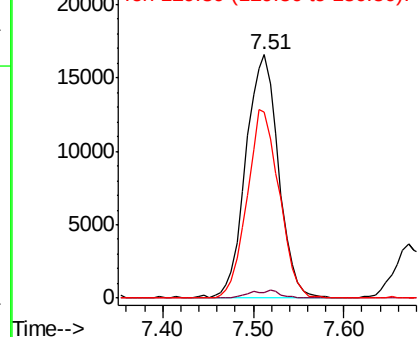
#28

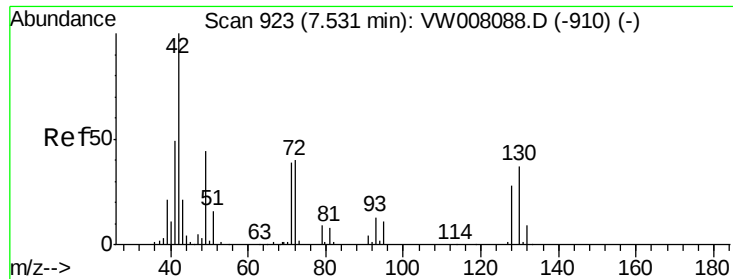
Bromochloromethane
 Concen: 48.944 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion: 49 Resp: 41408
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 2.8#
 130 76.1 54.3 81.5



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

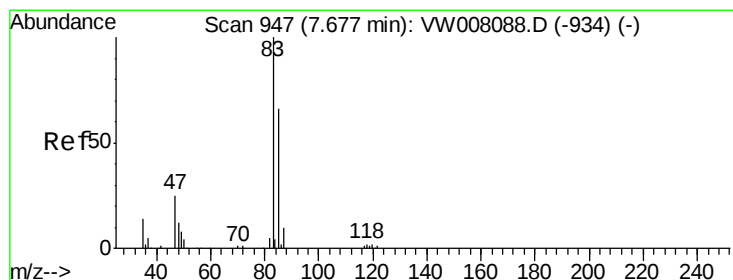
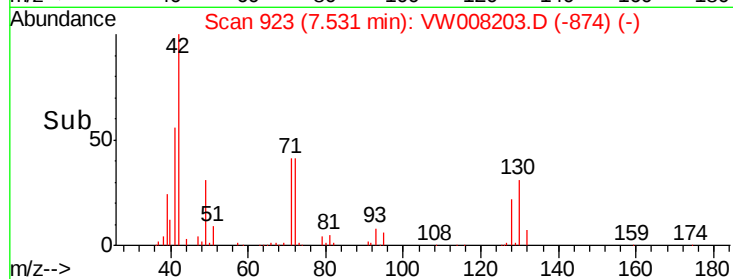
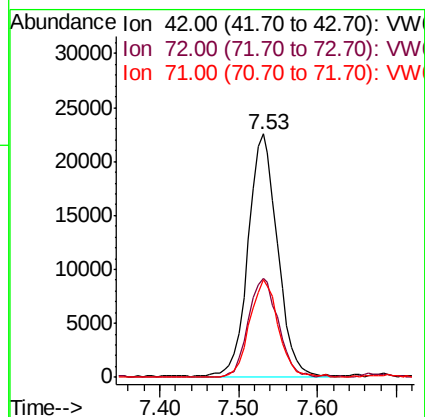
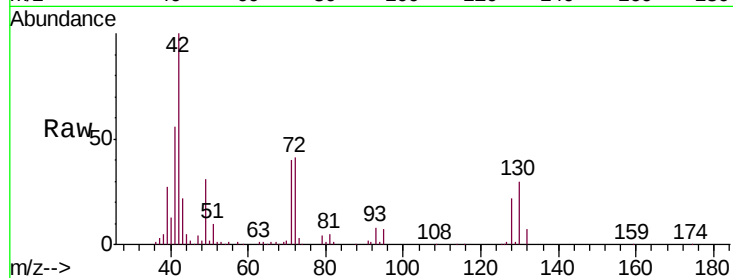




#29
Tetrahydrofuran
Concen: 286.814 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

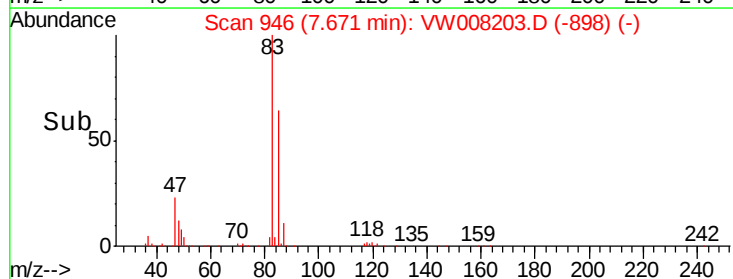
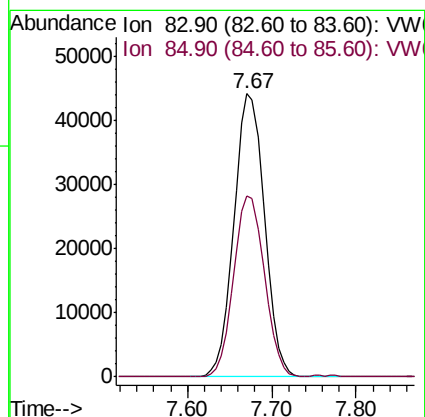
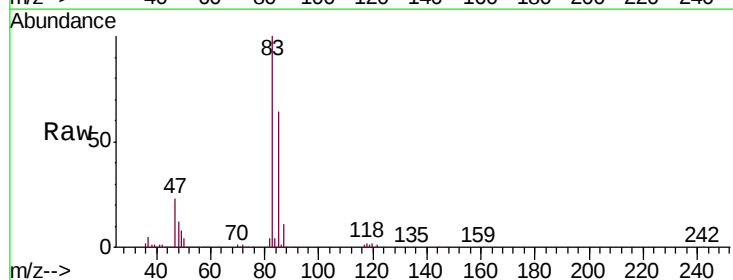
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

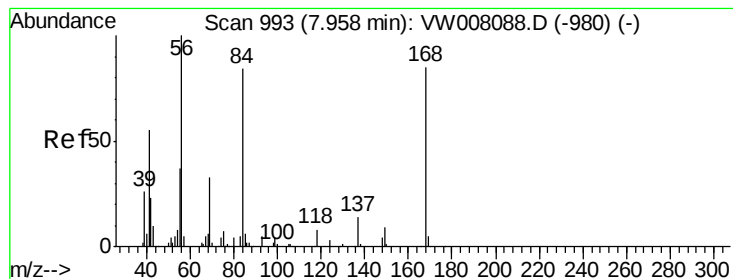
Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.4	48.6
71	39.5	31.3	46.9



#30
Chloroform
Concen: 53.232 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.2	79.8





#31

Cyclohexane

Concen: 26.684 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

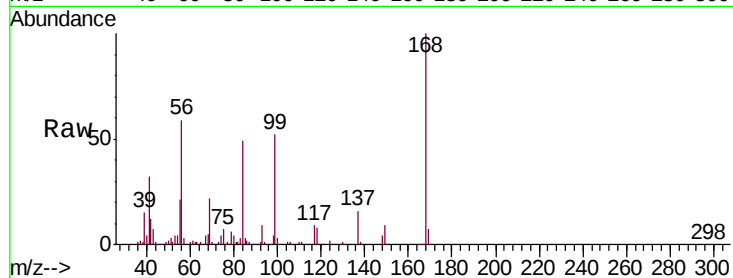
Tgt Ion: 56 Resp: 61101

Ion Ratio Lower Upper

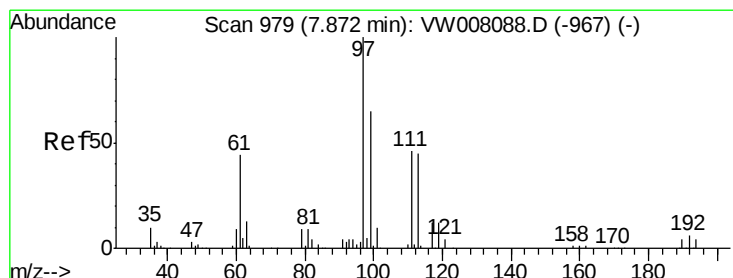
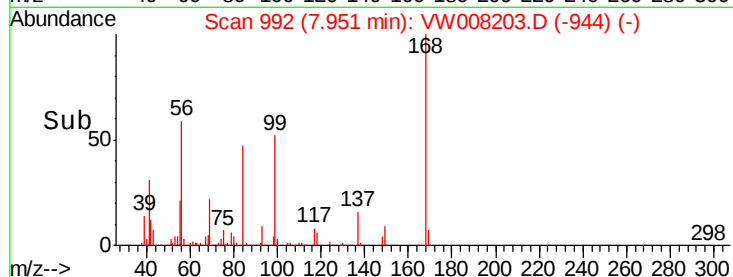
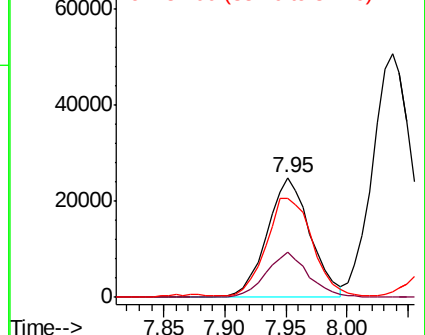
56 100

69 36.9 26.2 39.4

84 80.4 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: 48.505 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

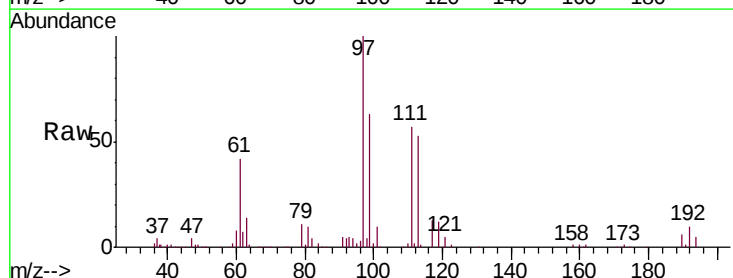
Tgt Ion: 97 Resp: 85929

Ion Ratio Lower Upper

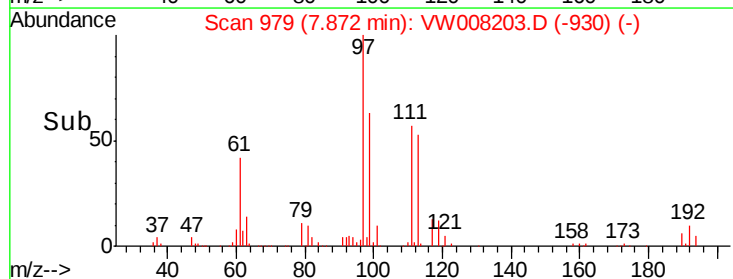
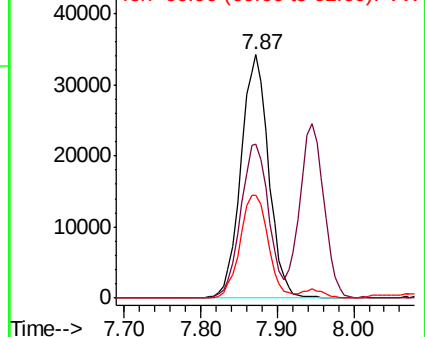
97 100

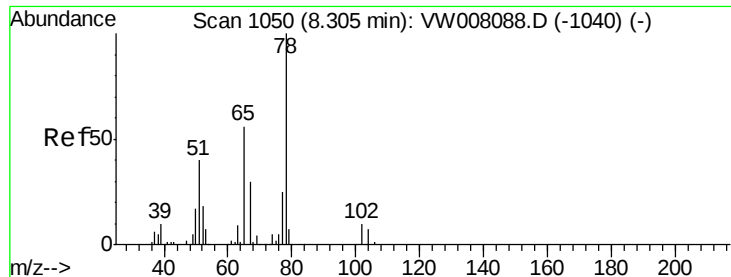
99 64.0 51.4 77.0

61 43.4 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: 50.951 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

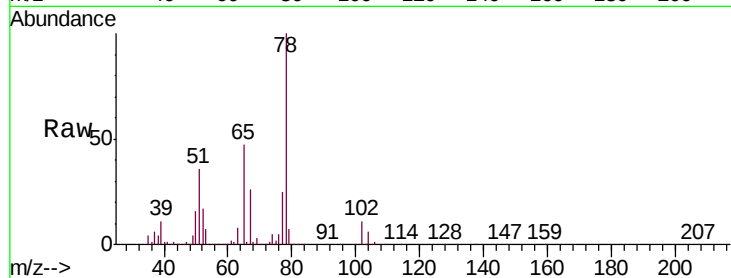
CPSB-06(15-20)MSD

Tgt Ion: 65 Resp: 55438

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

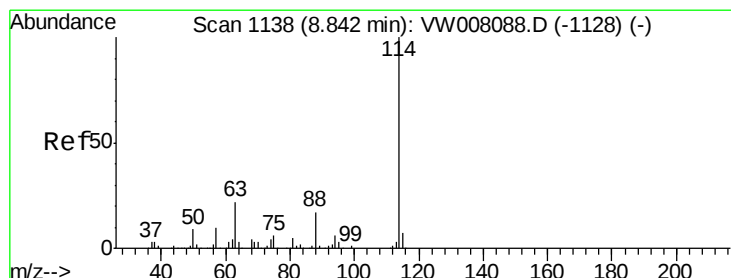
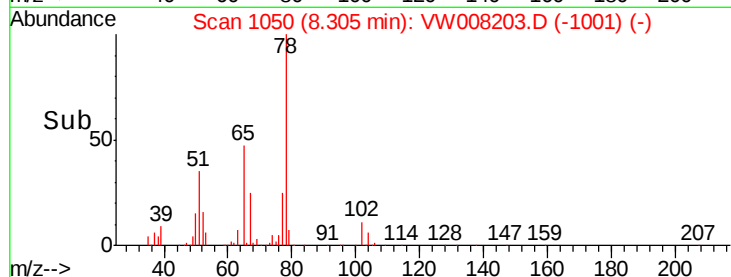
15000

10000

5000

0

Time--> 8.20 8.25 8.30 8.35



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

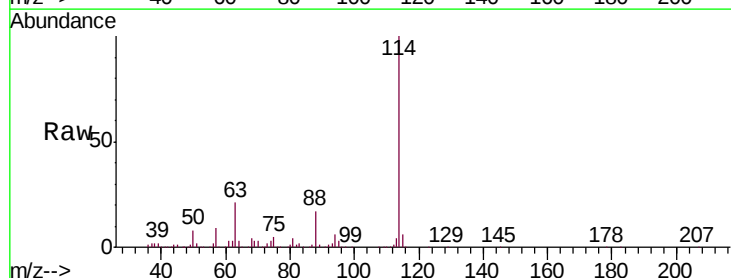
Tgt Ion: 114 Resp: 164402

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.4

88 16.5 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

100000

80000

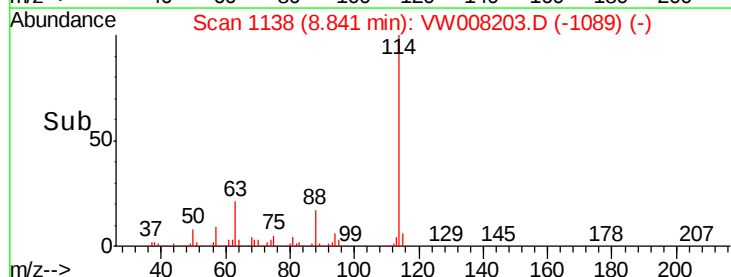
60000

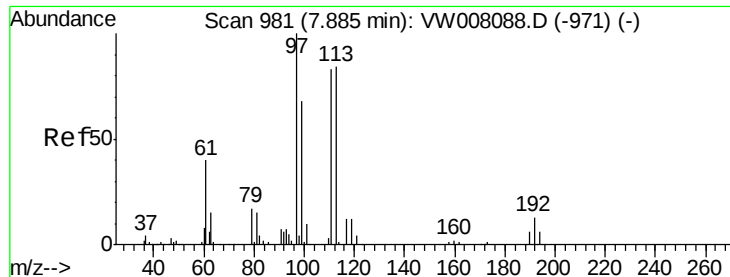
40000

20000

0

Time--> 8.70 8.80 8.90 9.00

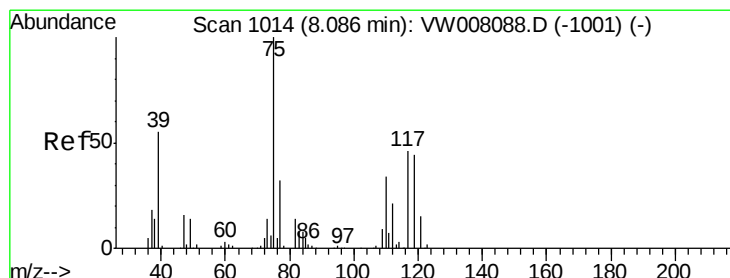
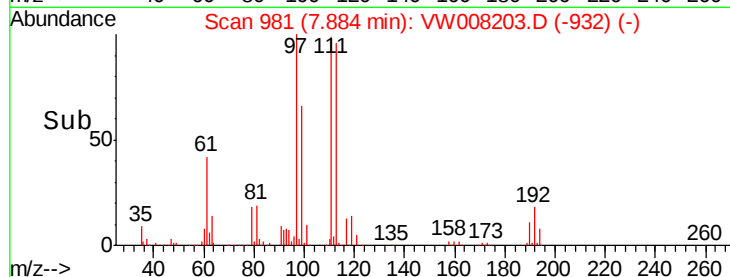
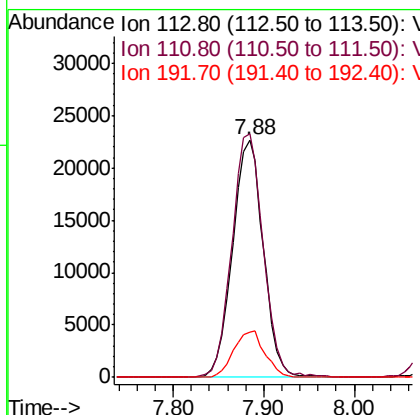
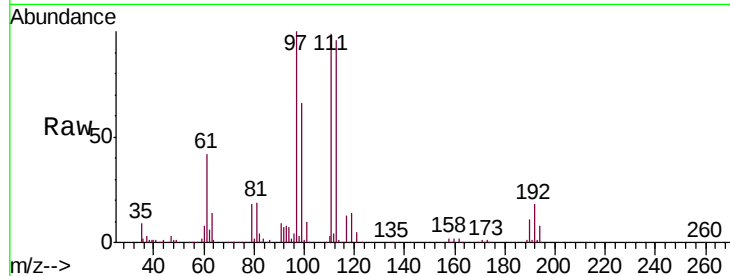




#35
 Dibromofluoromethane
 Concen: 55.445 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

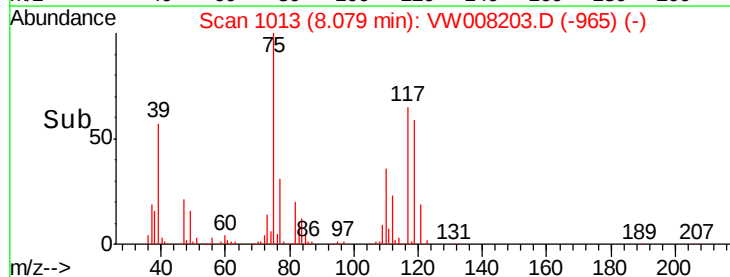
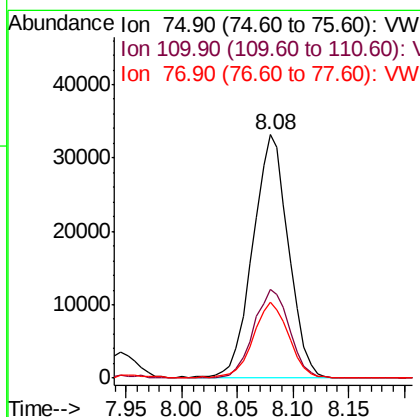
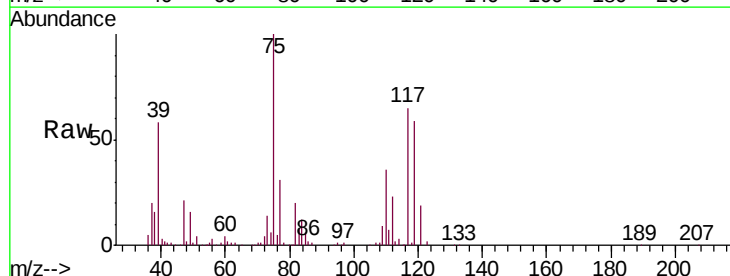
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MSD

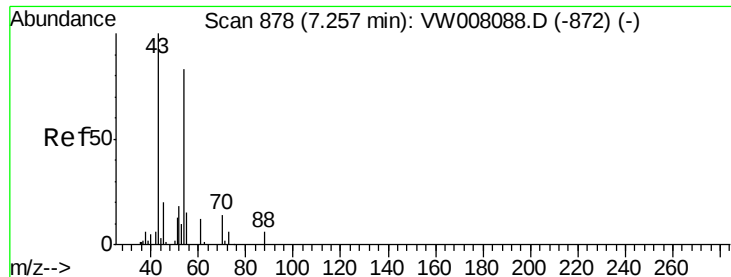
Tgt Ion:113 Resp: 53164
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.8 122.8
 192 19.9 12.8 19.2#



#36
 1,1-Dichloropropene
 Concen: 43.832 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion: 75 Resp: 74229
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.1 51.3
 77 31.0 25.5 38.3

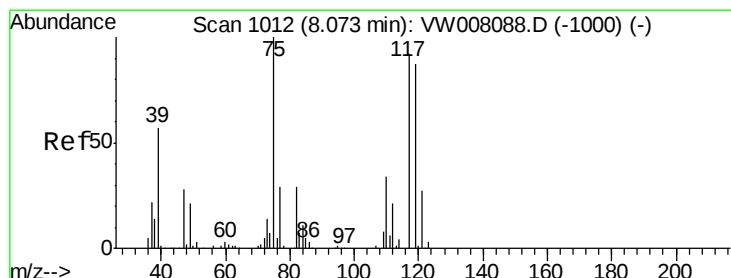
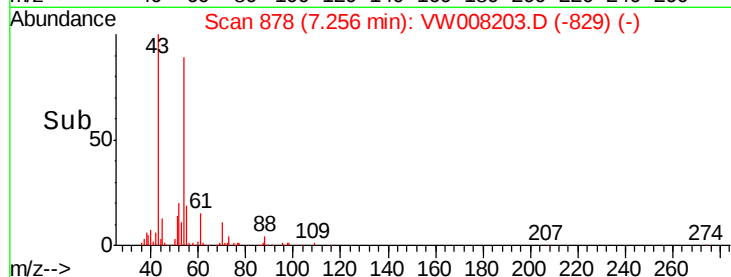
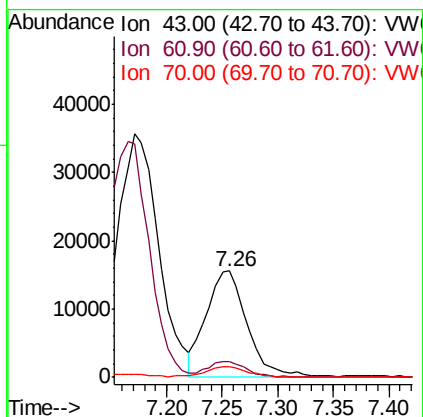
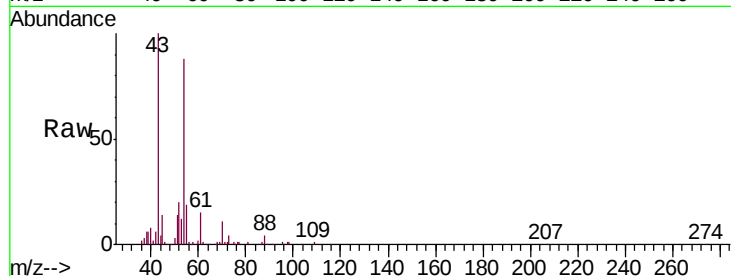




#37
Ethyl Acetate
Concen: 57.896 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

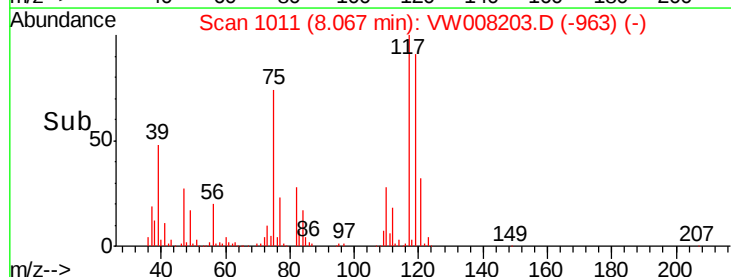
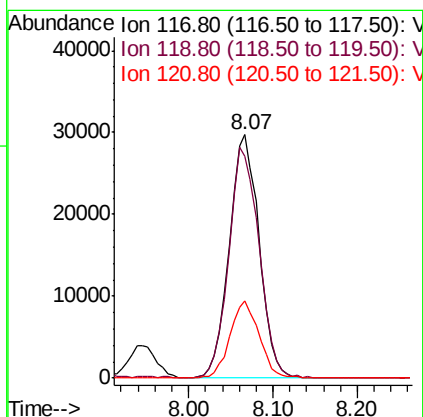
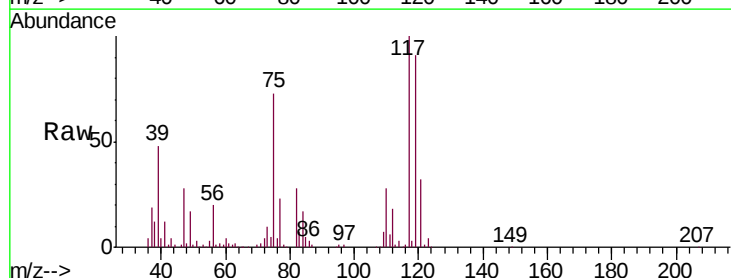
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

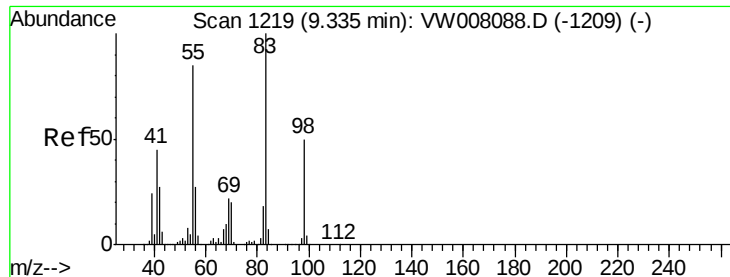
Tgt Ion: 43 Resp: 39281
Ion Ratio Lower Upper
43 100
61 15.0 10.6 16.0
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 46.054 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion: 117 Resp: 71385
Ion Ratio Lower Upper
117 100
119 91.3 75.8 113.8
121 31.7 23.7 35.5

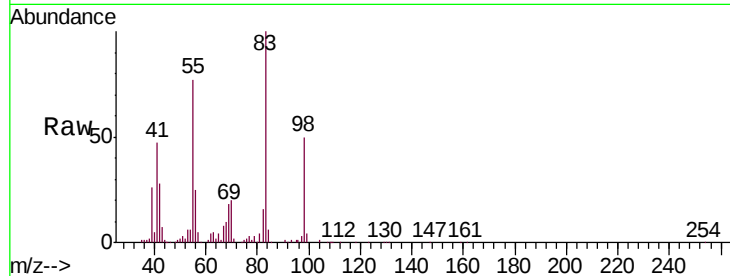




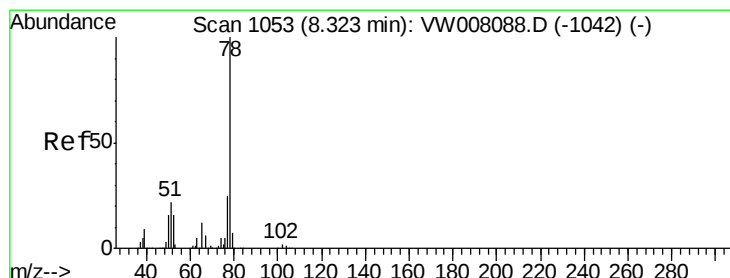
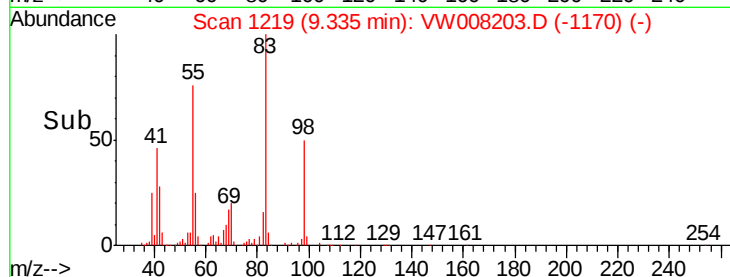
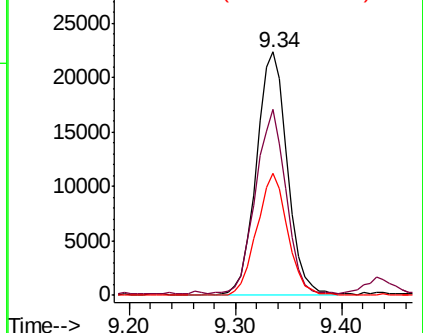
#39
Methylcyclohexane
Concen: 21.238 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

Tgt Ion: 83 Resp: 45606
Ion Ratio Lower Upper
83 100
55 76.1 67.8 101.6
98 50.0 40.2 60.4

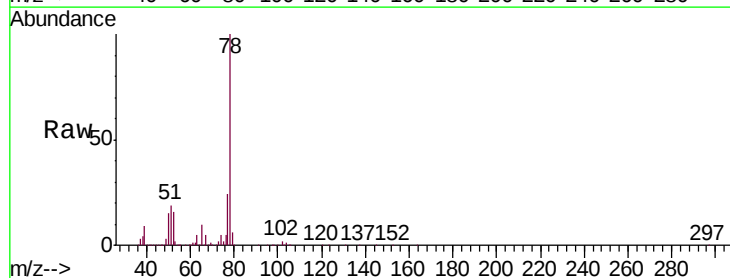


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

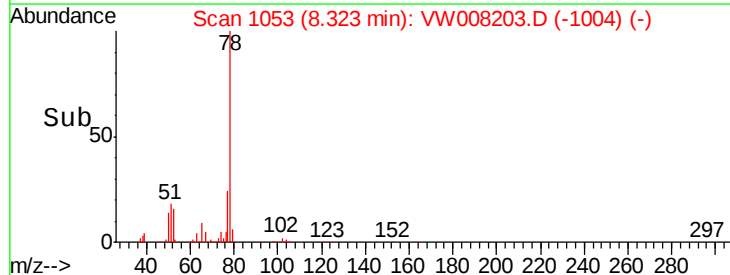
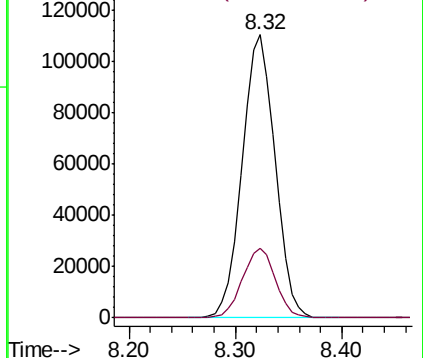


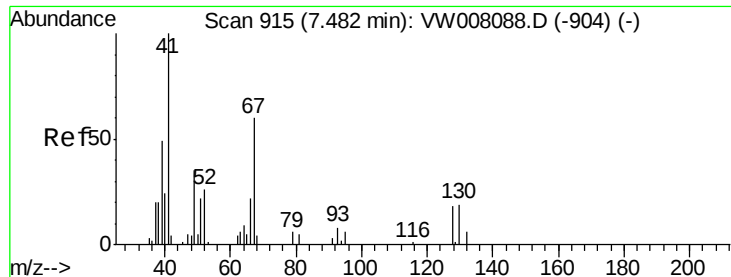
#40
Benzene
Concen: 52.095 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion: 78 Resp: 239288
Ion Ratio Lower Upper
78 100
77 24.4 20.2 30.4



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 59.692 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tgt Ion: 41 Resp: 25583

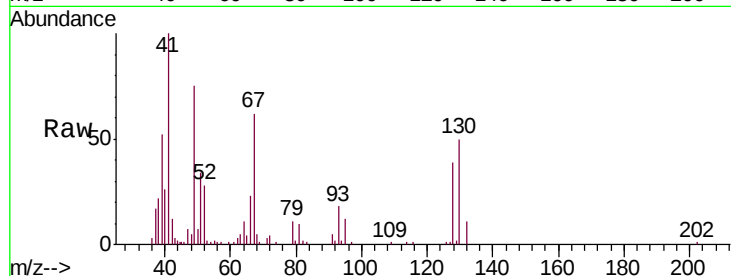
Ion Ratio Lower Upper

41 100

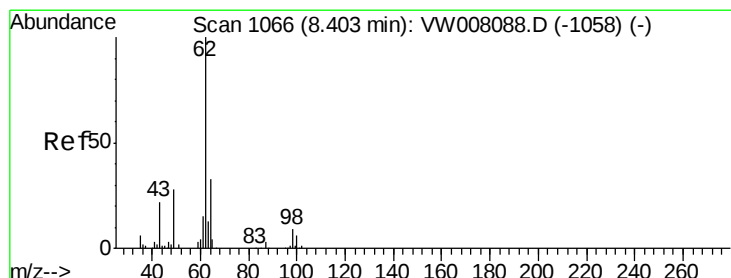
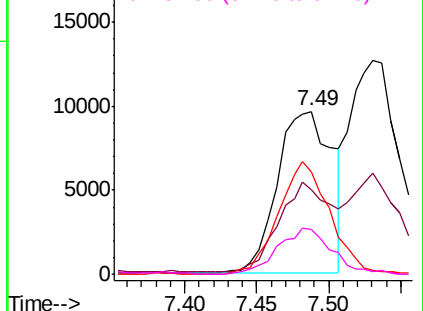
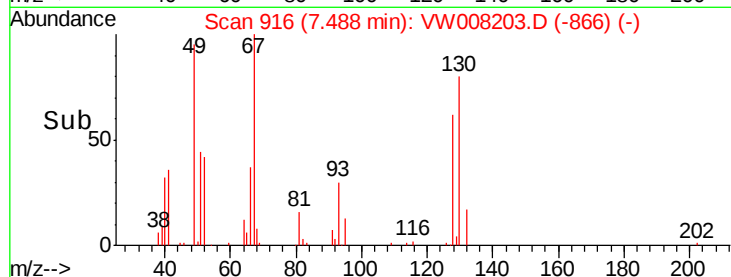
39 52.1 47.9 71.9

67 64.9 56.3 84.5

52 27.9 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: 54.159 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW008203.D

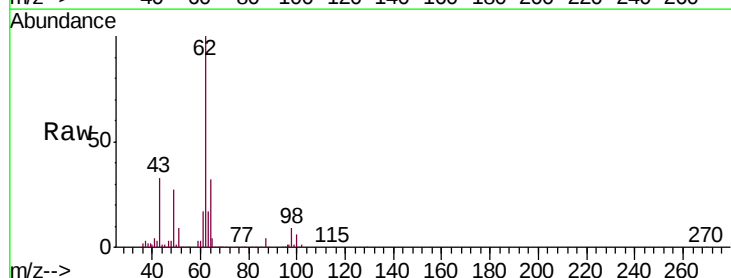
Acq: 11 Jan 2019 19:17

Tgt Ion: 62 Resp: 69967

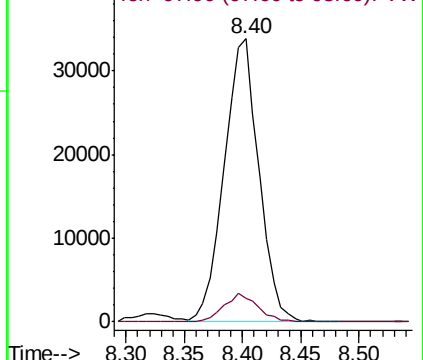
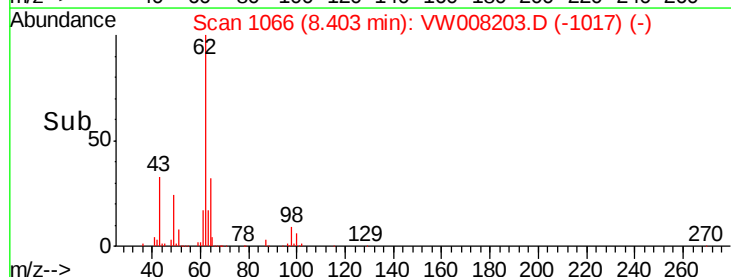
Ion Ratio Lower Upper

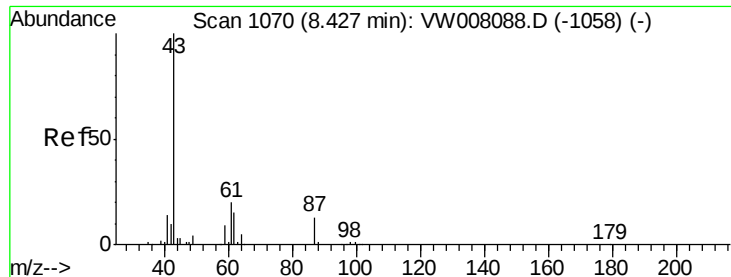
62 100

98 9.9 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: 58.877 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

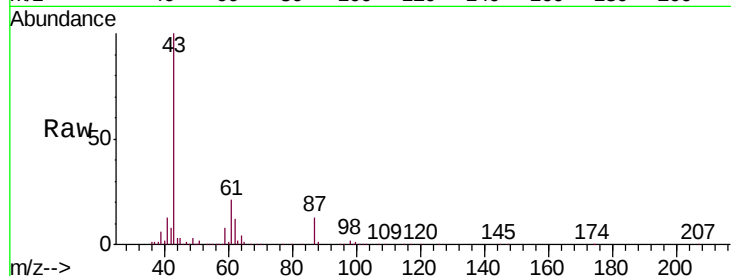
Tgt Ion: 43 Resp: 79868

Ion Ratio Lower Upper

43 100

61 30.2 24.8 37.2

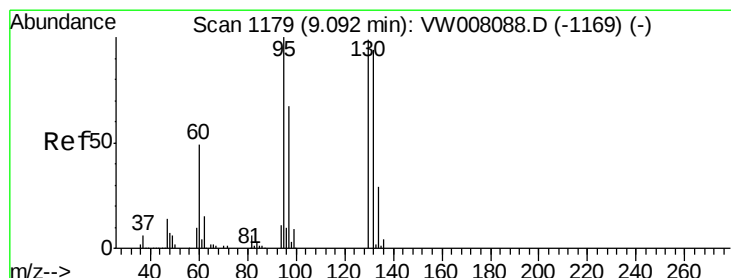
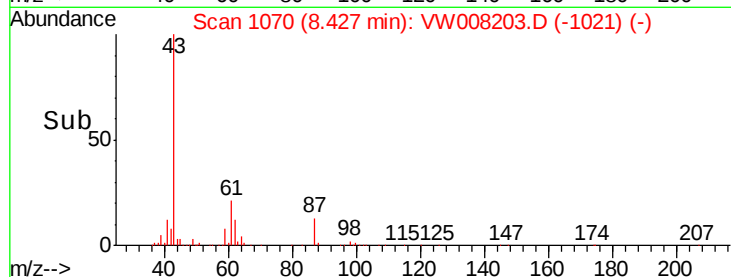
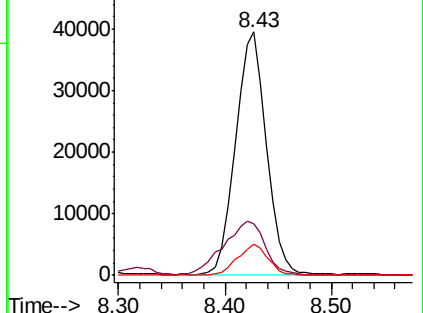
87 12.6 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.837 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008203.D

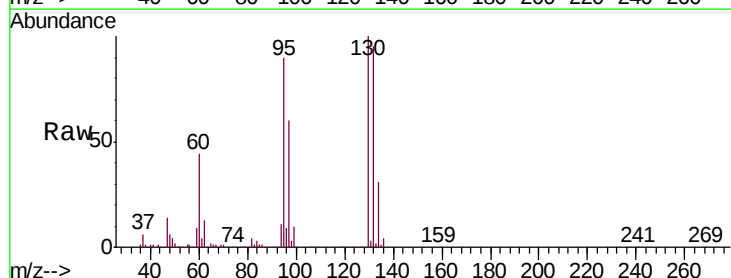
Acq: 11 Jan 2019 19:17

Tgt Ion: 130 Resp: 57424

Ion Ratio Lower Upper

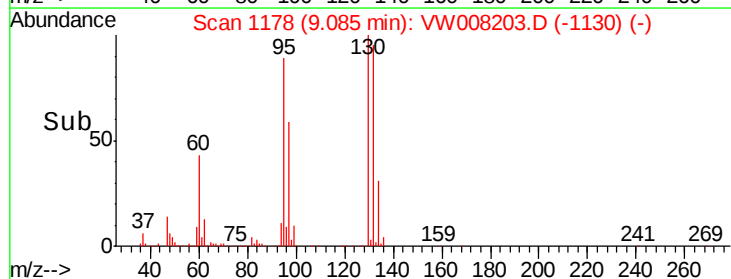
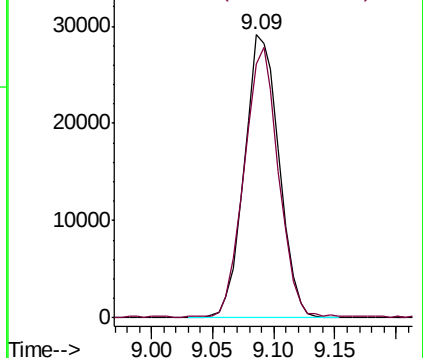
130 100

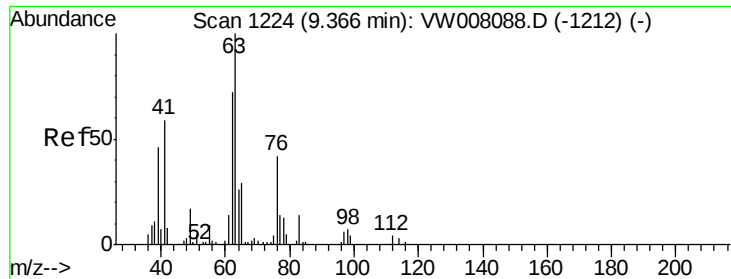
95 89.1 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 53.807 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

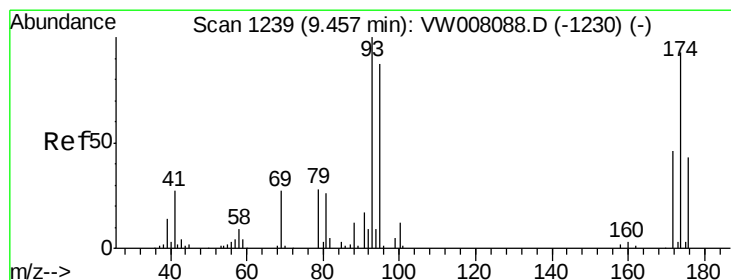
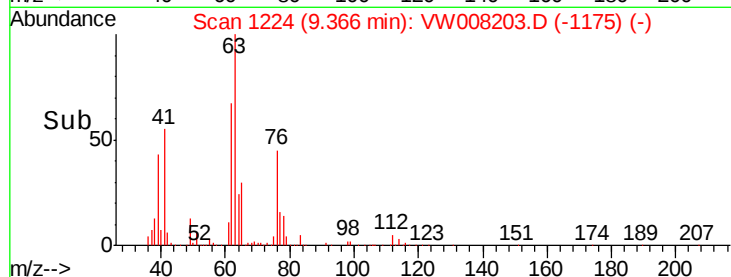
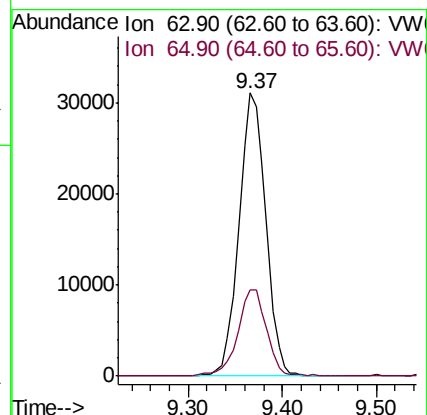
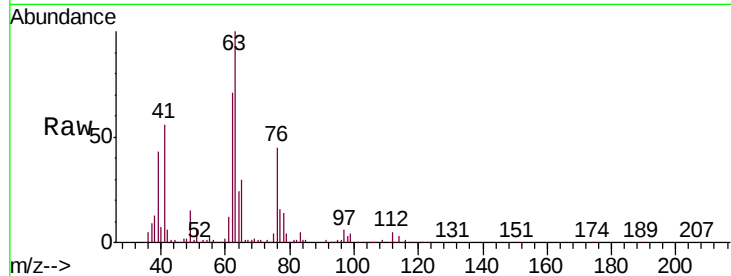
CPSB-06(15-20)MSD

Tgt Ion: 63 Resp: 61282

Ion Ratio Lower Upper

63 100

65 30.3 23.3 34.9



#46

Dibromomethane

Concen: 57.118 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

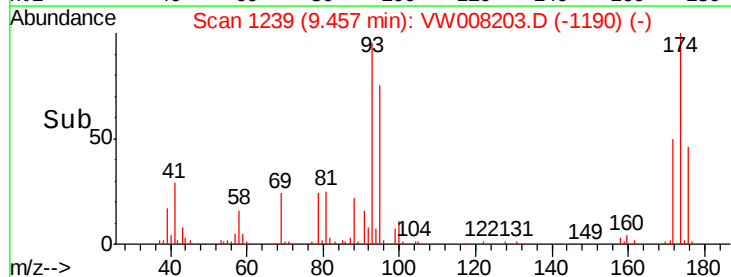
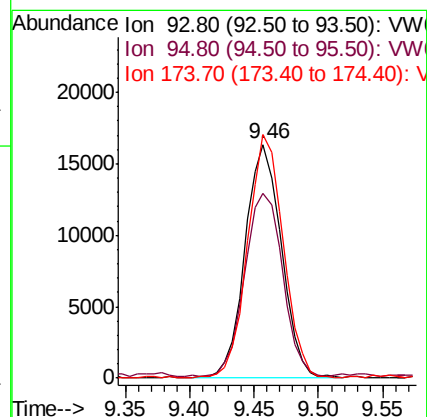
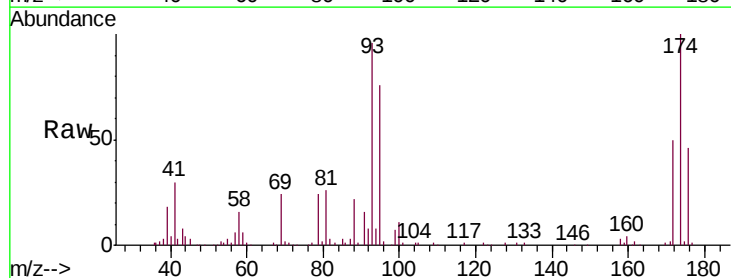
Tgt Ion: 93 Resp: 31948

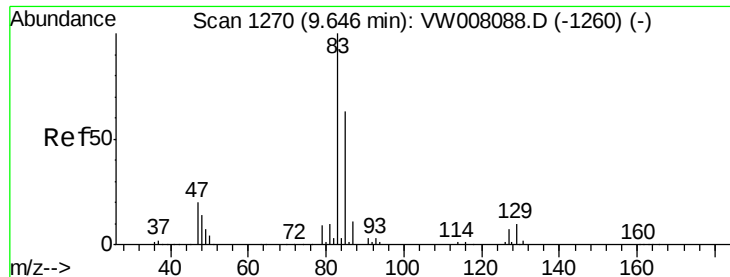
Ion Ratio Lower Upper

93 100

95 82.4 67.5 101.3

174 101.8 72.5 108.7





#47

Bromodichloromethane

Concen: 55.131 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

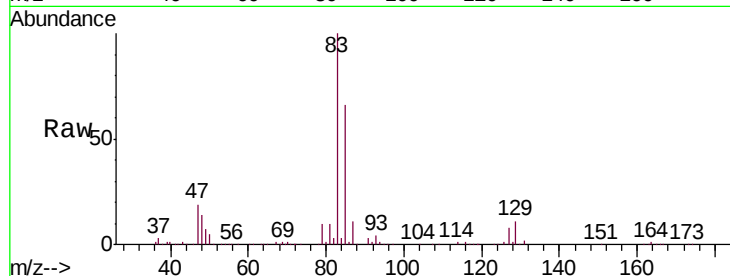
Tgt Ion: 83 Resp: 78300

Ion Ratio Lower Upper

83 100

85 65.8 50.7 76.1

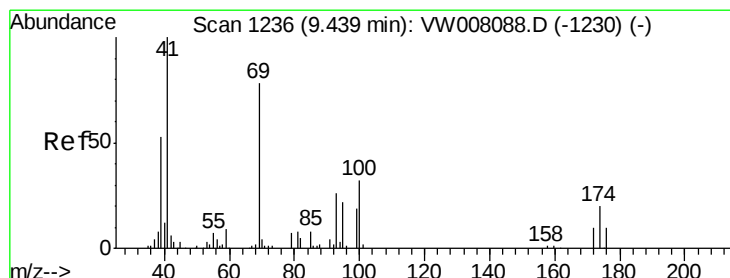
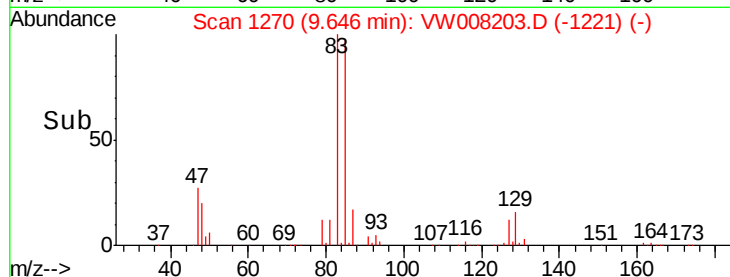
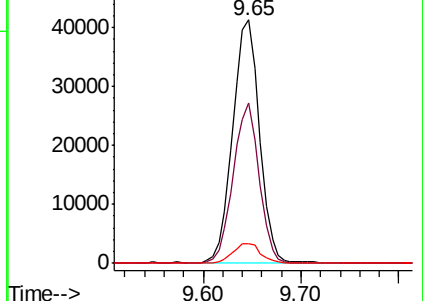
127 8.3 6.0 9.0



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: 62.273 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

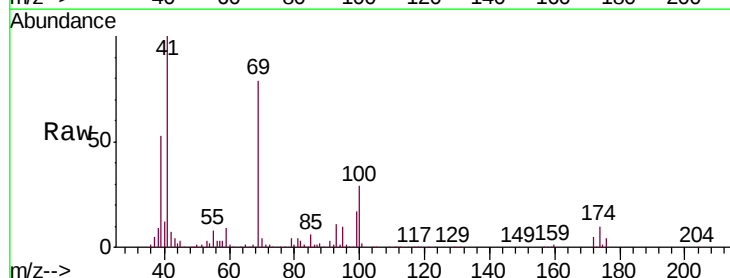
Tgt Ion: 41 Resp: 39860

Ion Ratio Lower Upper

41 100

69 78.9 61.9 92.9

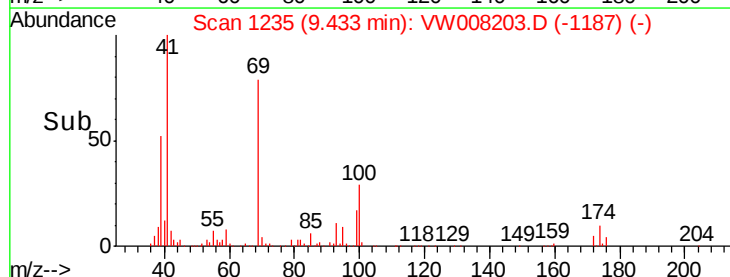
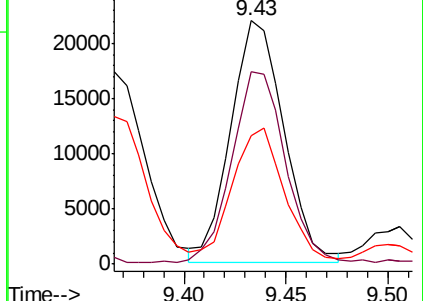
39 54.6 43.0 64.4

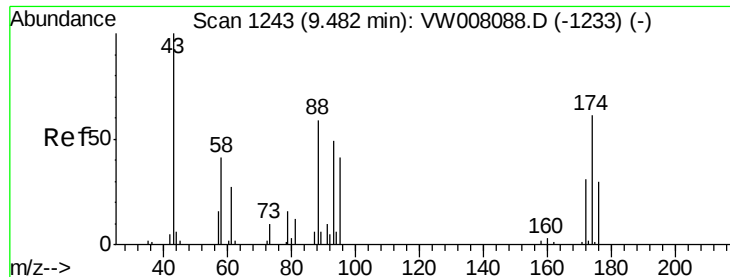


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 994.313 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.02 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

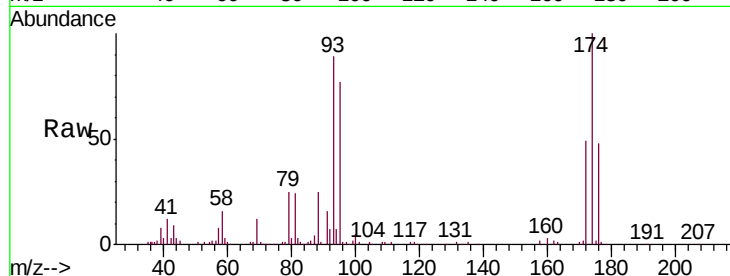
Tgt Ion: 88 Resp: 8944

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

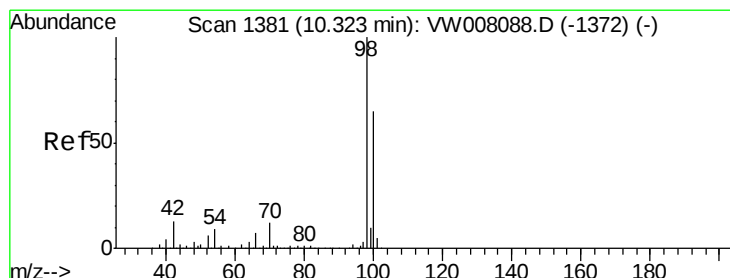
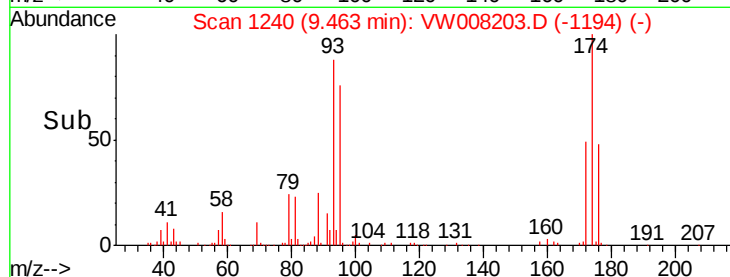
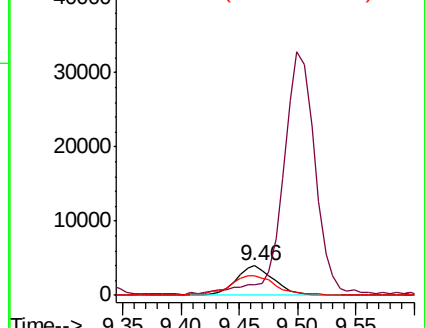
58 81.1 61.7 92.5



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: 45.973 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008203.D

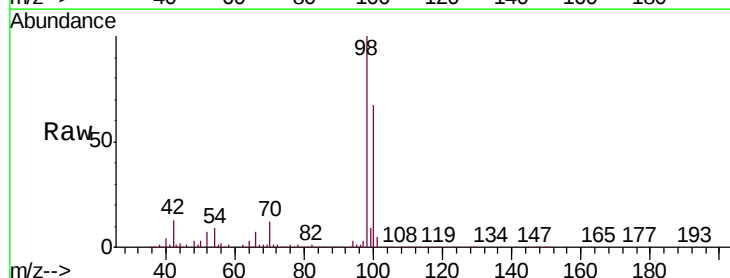
Acq: 11 Jan 2019 19:17

Tgt Ion: 98 Resp: 184983

Ion Ratio Lower Upper

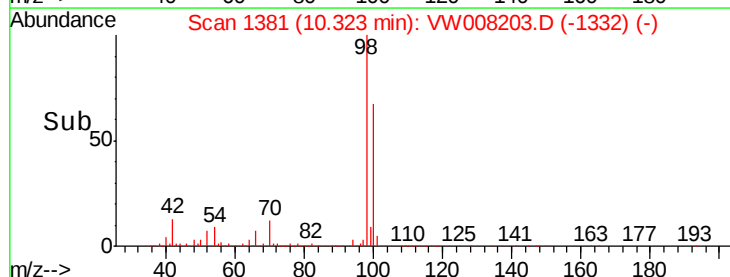
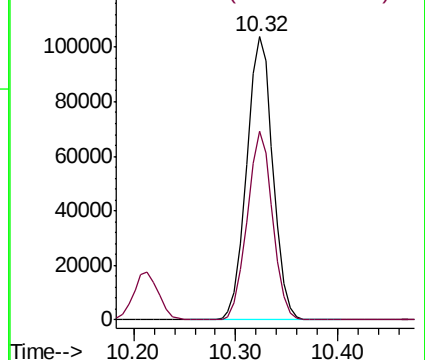
98 100

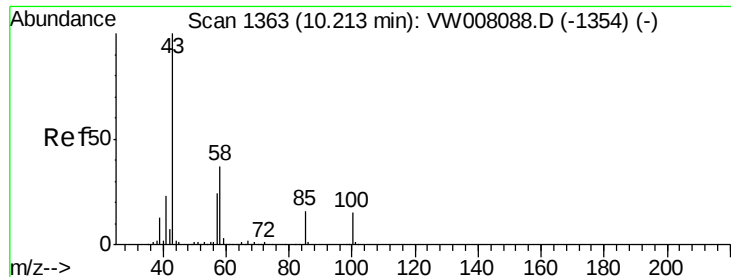
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

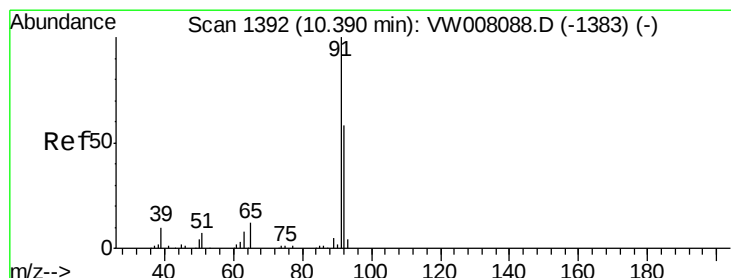
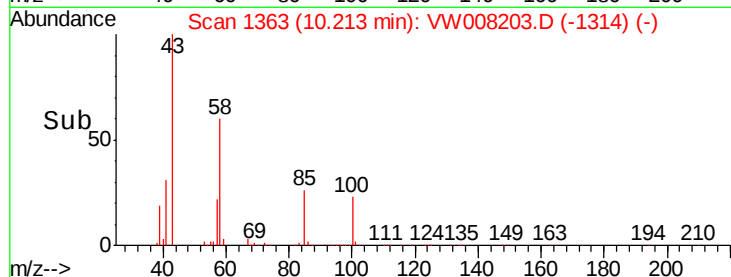
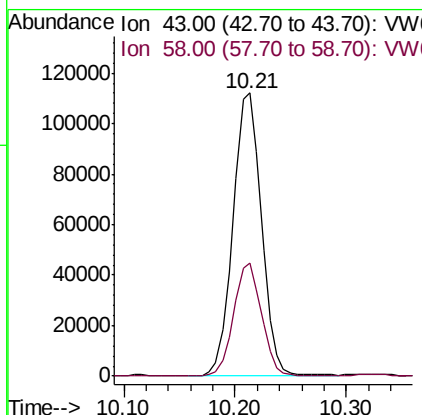
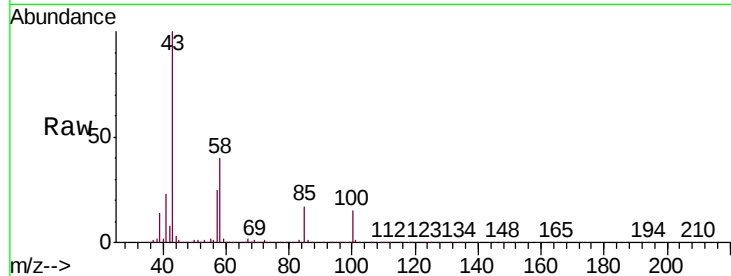




#51
 4-Methyl-2-Pentanone
 Concen: 300.709 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

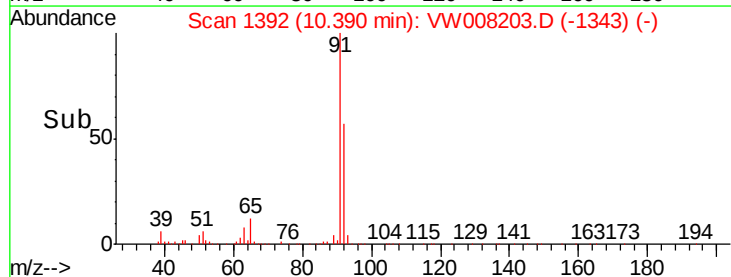
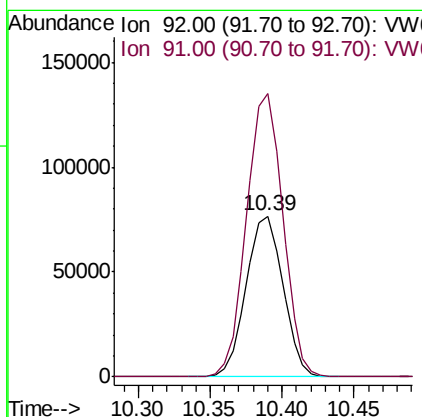
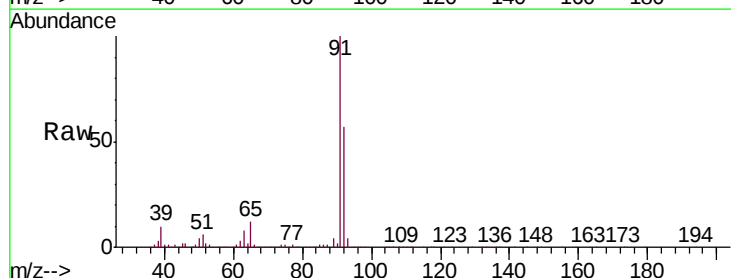
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MSD

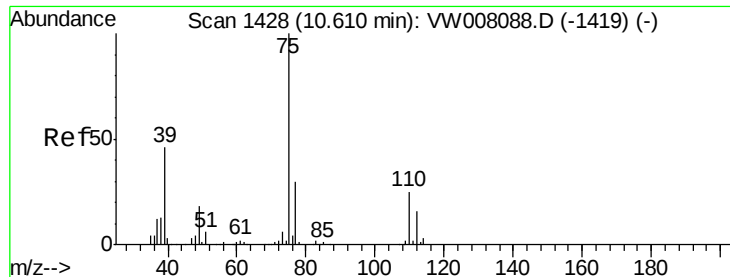
Tgt Ion: 43 Resp: 197455
 Ion Ratio Lower Upper
 43 100
 58 39.2 30.6 46.0



#52
 Toluene
 Concen: 46.284 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion: 92 Resp: 135770
 Ion Ratio Lower Upper
 92 100
 91 173.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 51.944 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

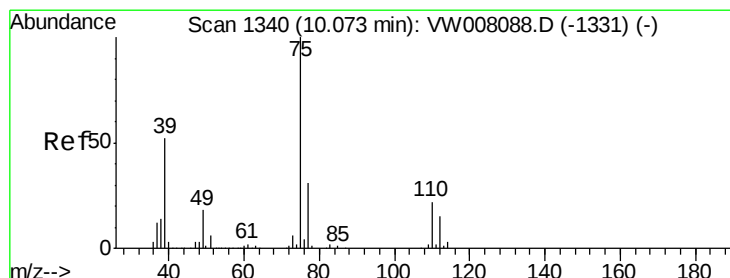
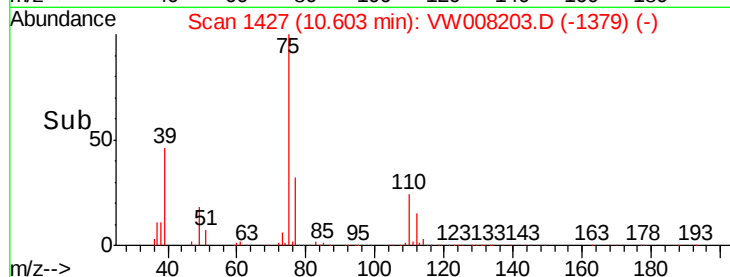
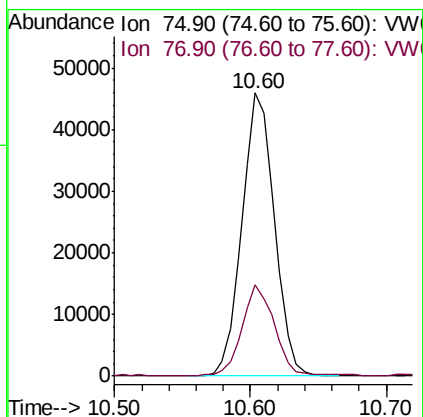
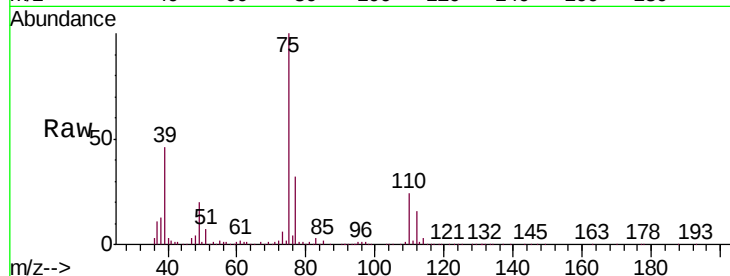
CPSB-06(15-20)MSD

Tgt Ion: 75 Resp: 76739

Ion Ratio Lower Upper

75 100

77 32.1 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 51.107 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

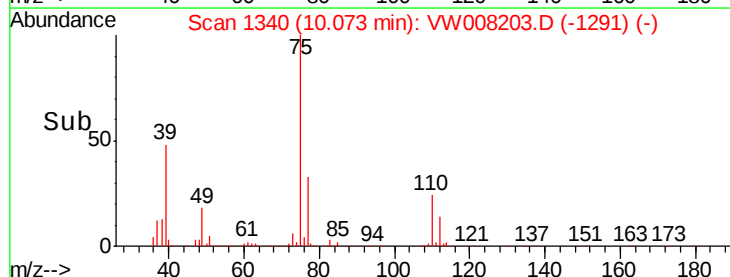
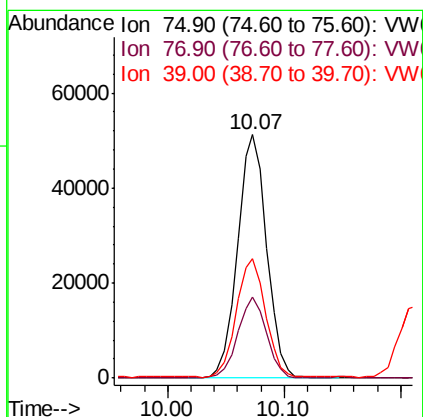
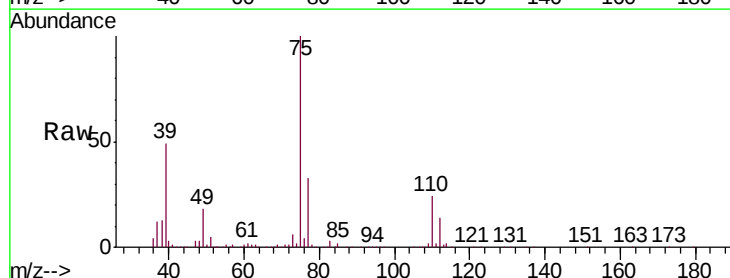
Tgt Ion: 75 Resp: 89531

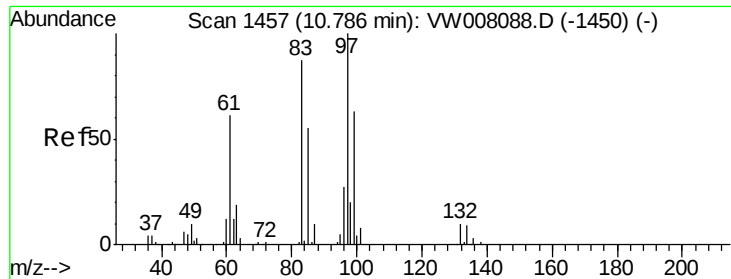
Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

39 48.4 41.4 62.0

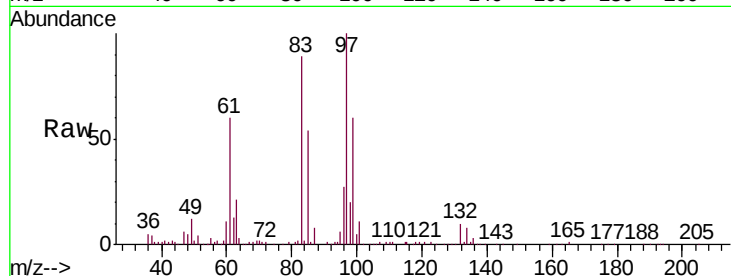




#55
 1,1,2-Trichloroethane
 Concen: 57.999 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MSD

Tgt Ion:	97	Resp:	45547
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.3	103.9
85	54.3	43.8	65.6
99	60.5	50.0	75.0



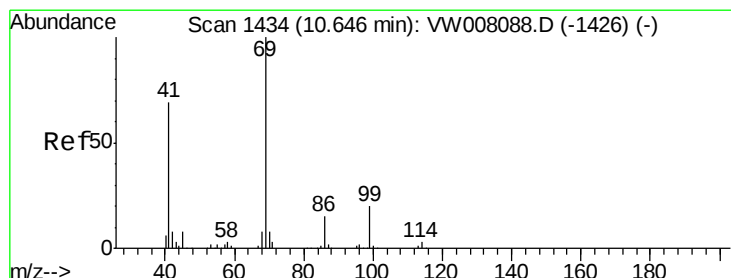
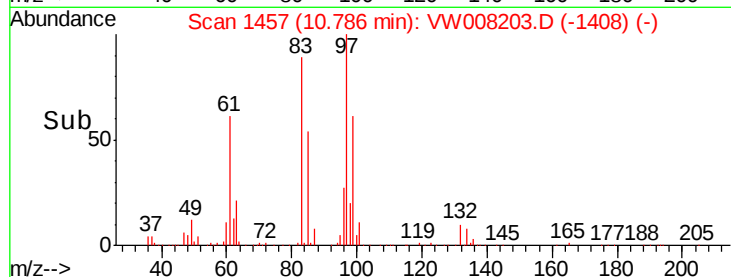
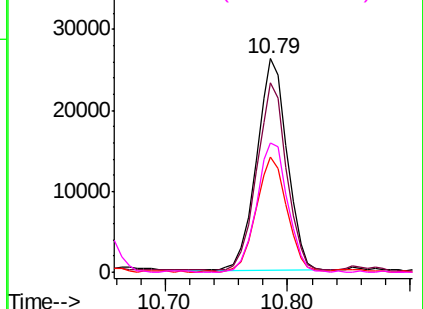
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

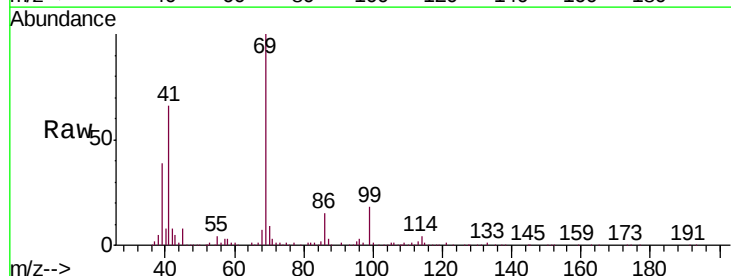
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 62.498 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion:	69	Resp:	60781
Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.4	84.6
39	35.1	28.1	42.1

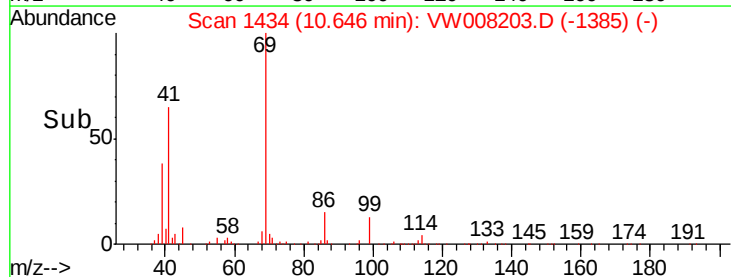
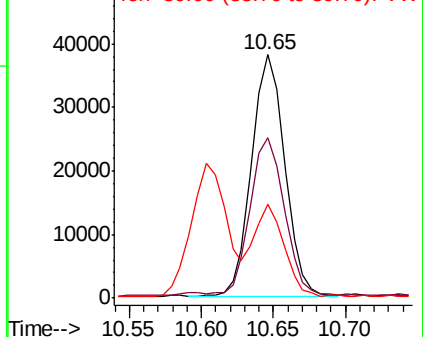


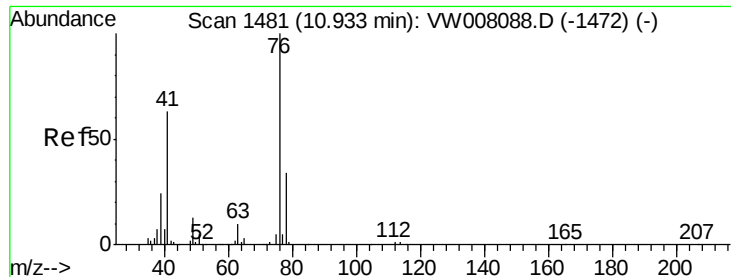
Abundance

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: 55.501 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

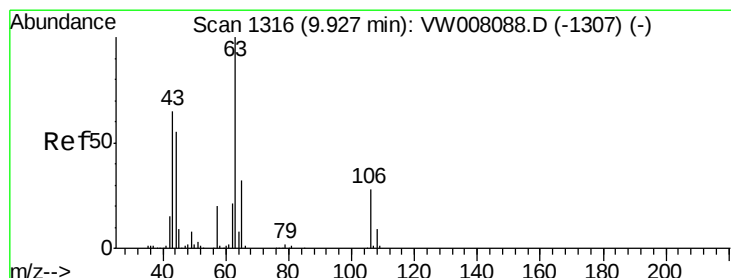
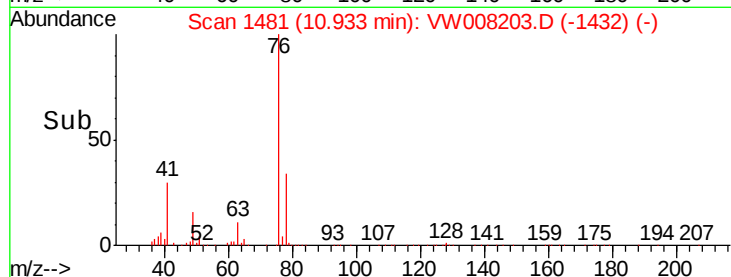
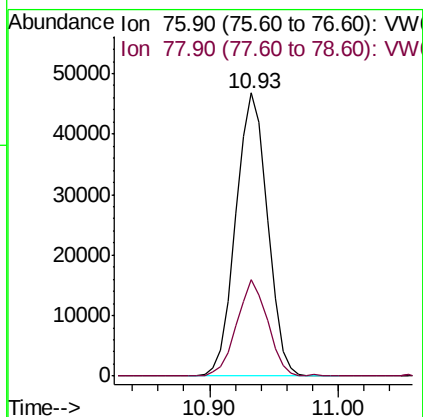
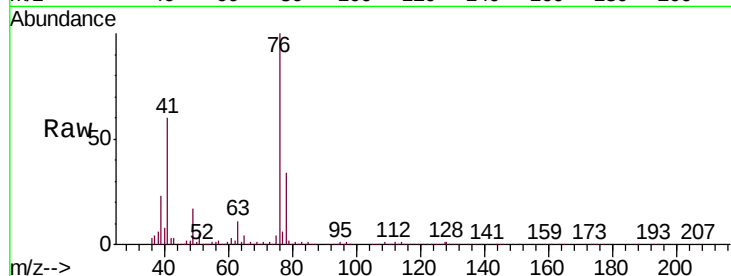
CPSB-06(15-20)MSD

Tgt Ion: 76 Resp: 79712

Ion Ratio Lower Upper

76 100

78 33.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 275.846 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW008203.D

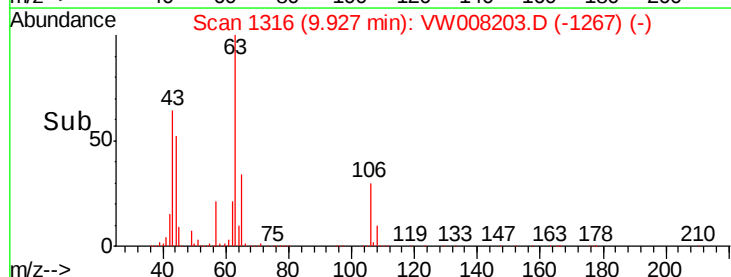
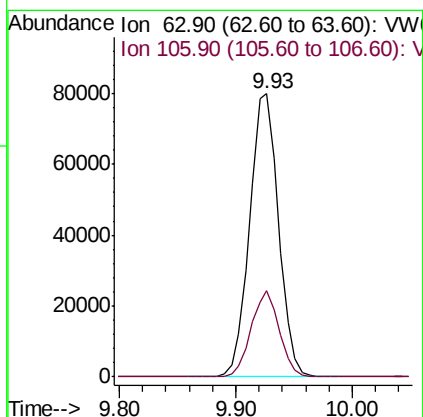
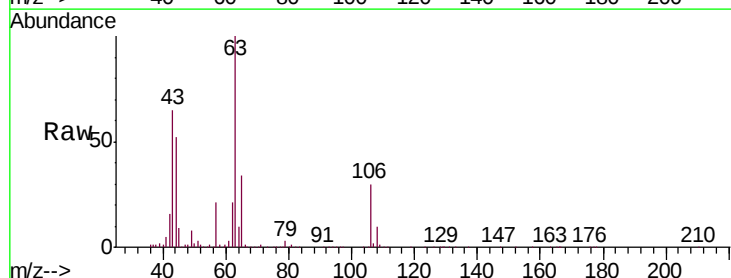
Acq: 11 Jan 2019 19:17

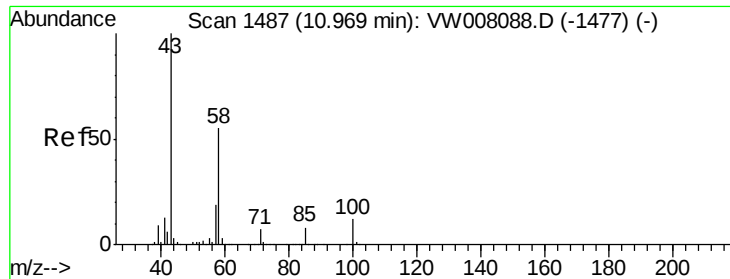
Tgt Ion: 63 Resp: 138575

Ion Ratio Lower Upper

63 100

106 29.5 21.8 32.6





#59

2-Hexanone

Concen: 312.529 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

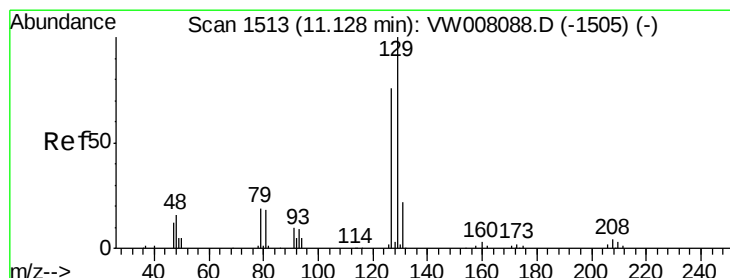
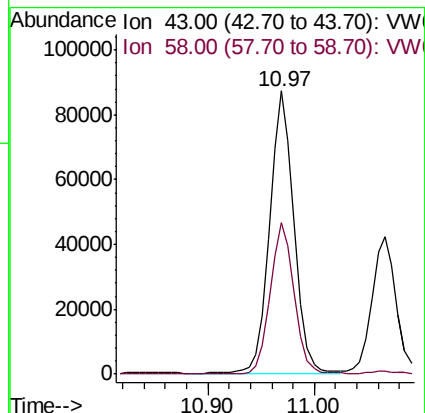
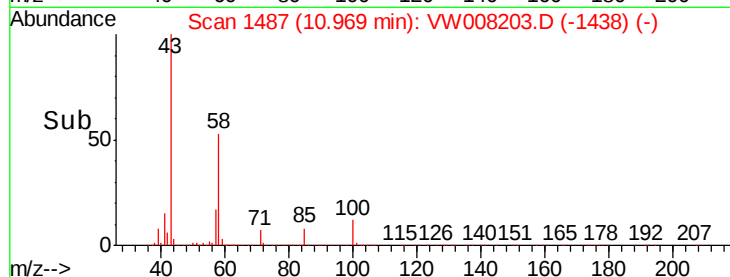
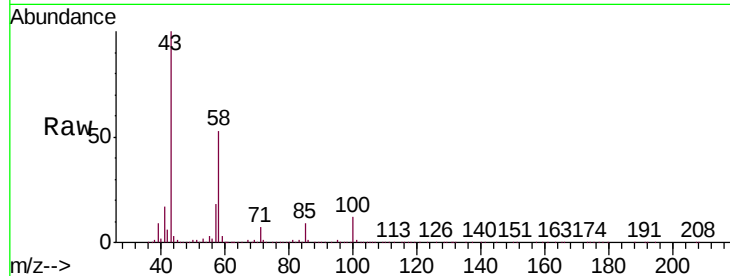
CPSB-06(15-20)MSD

Tgt Ion: 43 Resp: 138777

Ion Ratio Lower Upper

43 100

58 53.2 27.2 81.5



#60

Dibromochloromethane

Concen: 59.792 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW008203.D

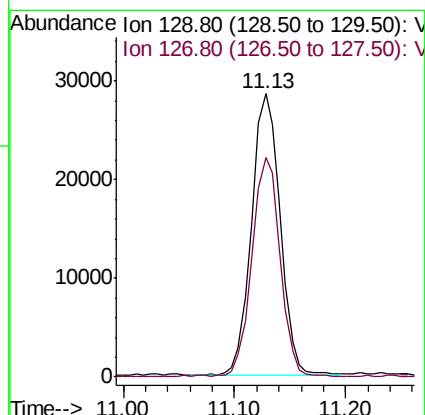
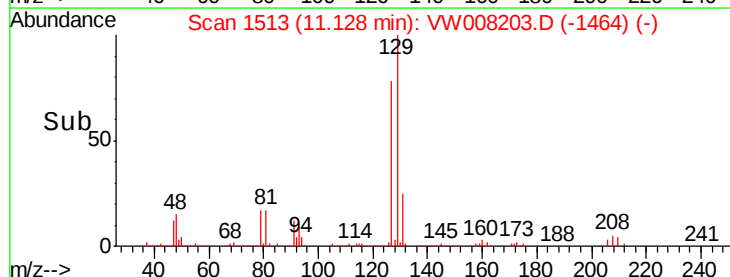
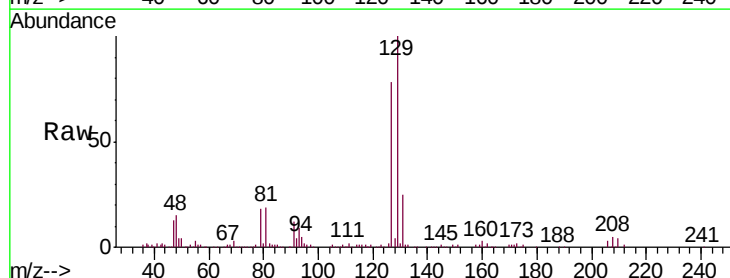
Acq: 11 Jan 2019 19:17

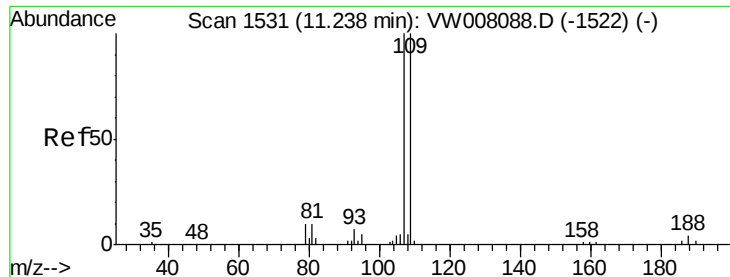
Tgt Ion: 129 Resp: 51562

Ion Ratio Lower Upper

129 100

127 76.5 38.9 116.6

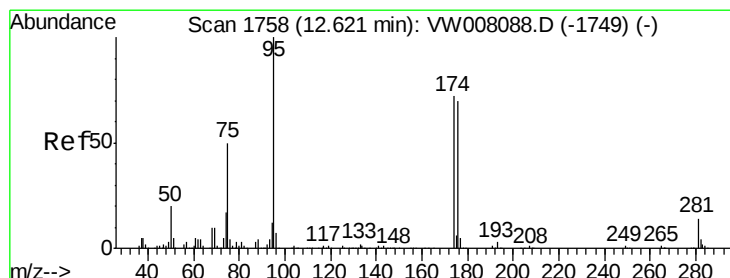
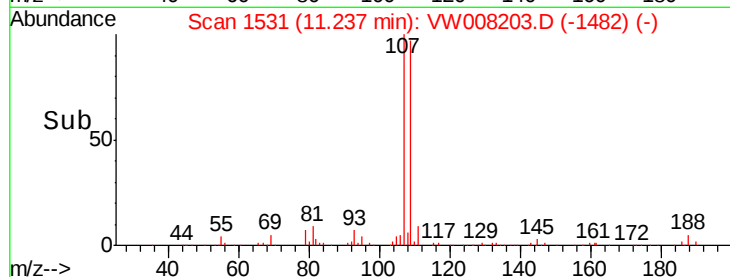
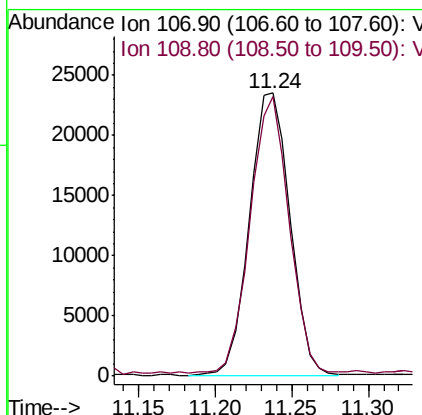
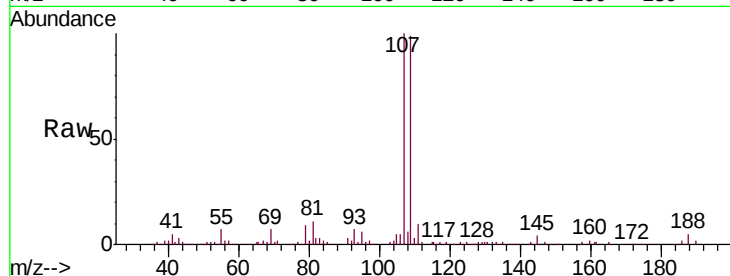




#61
1,2-Dibromoethane
Concen: 57.833 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

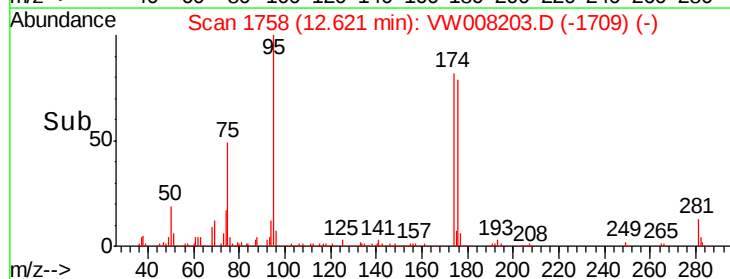
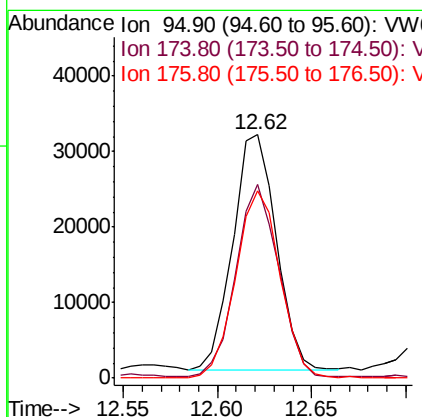
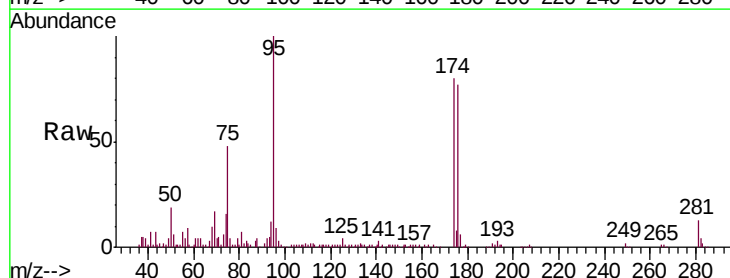
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

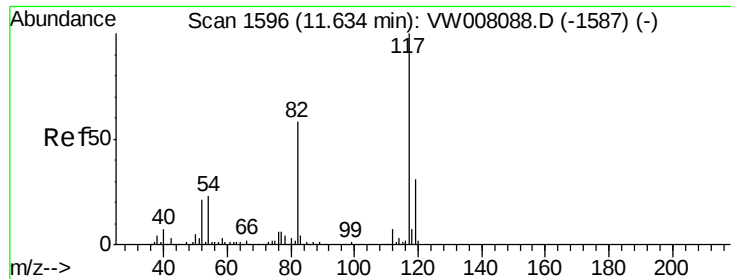
Tgt Ion: 107 Resp: 43094
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 34.706 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion: 95 Resp: 50063
Ion Ratio Lower Upper
95 100
174 80.3 0.0 143.0
176 80.9 0.0 140.2

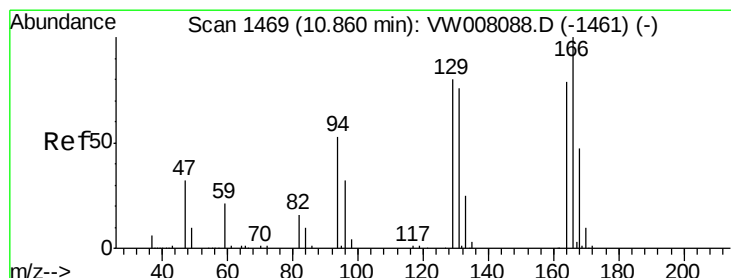
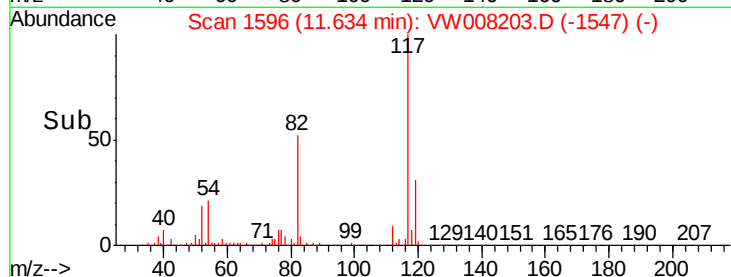
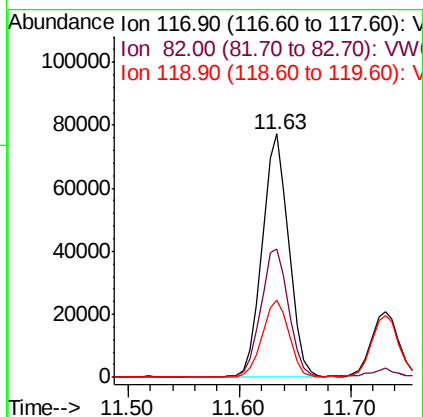
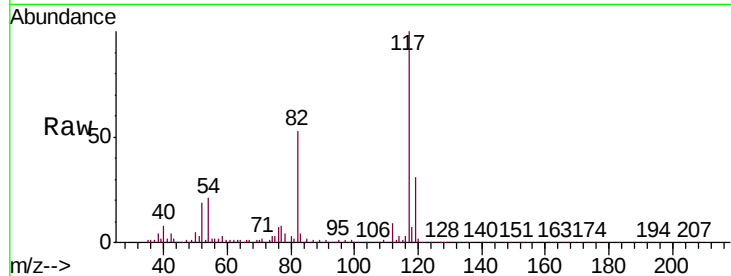




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

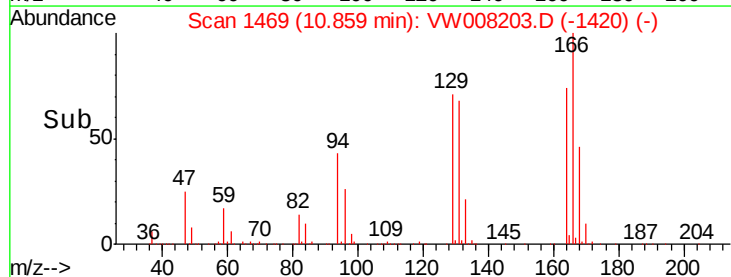
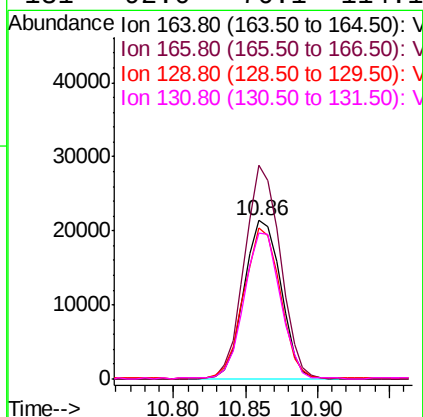
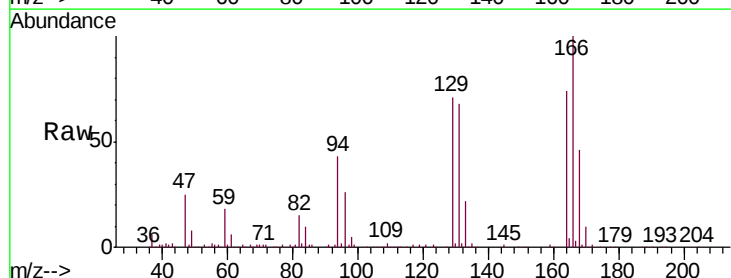
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

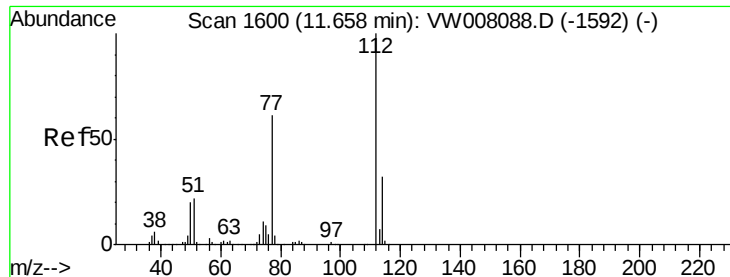
Tgt Ion:117 Resp: 128144
Ion Ratio Lower Upper
117 100
82 52.3 46.4 69.6
119 31.3 24.7 37.1



#64
Tetrachloroethene
Concen: 45.553 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion:164 Resp: 37989
Ion Ratio Lower Upper
164 100
166 134.9 100.7 151.1
129 94.8 81.0 121.4
131 92.0 76.1 114.1

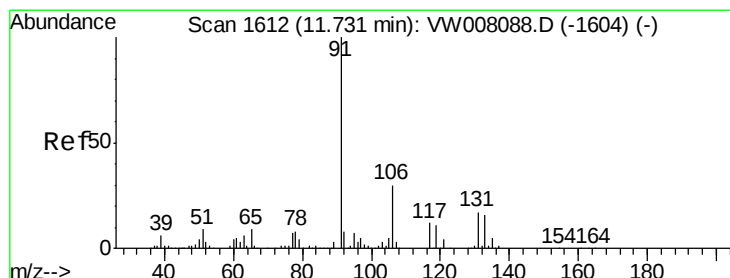
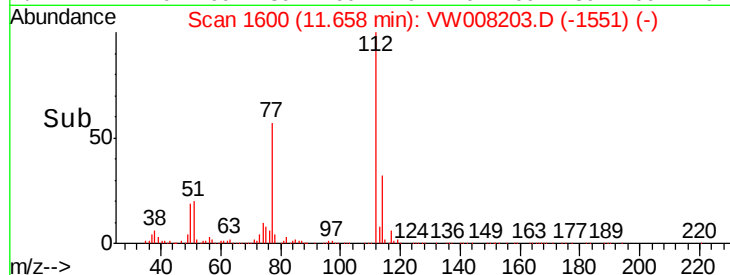
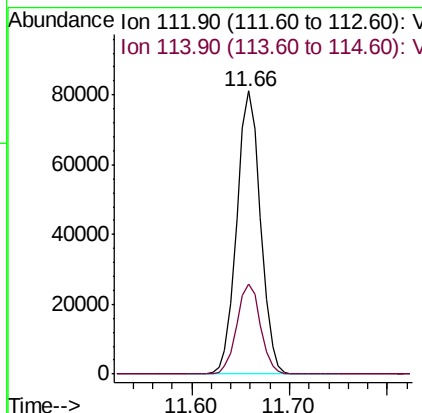
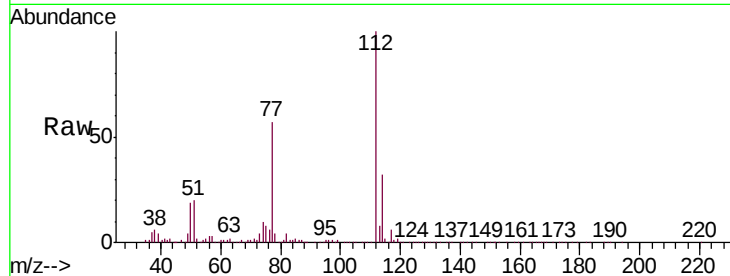




#65
Chlorobenzene
Concen: 50.323 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

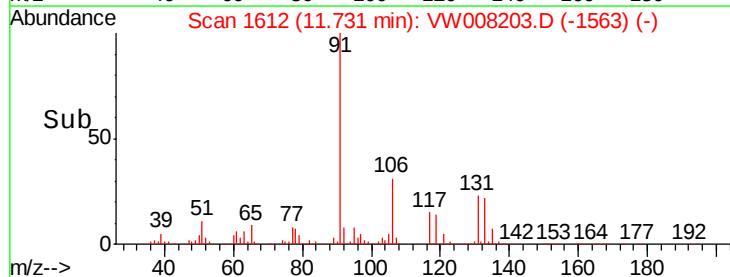
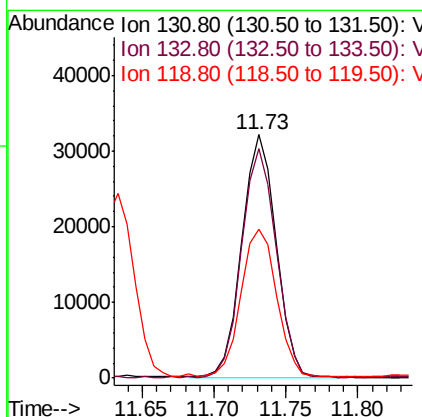
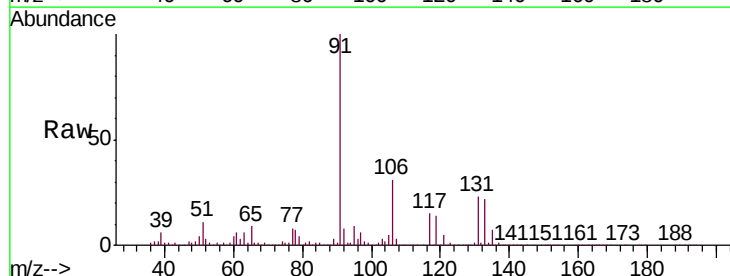
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

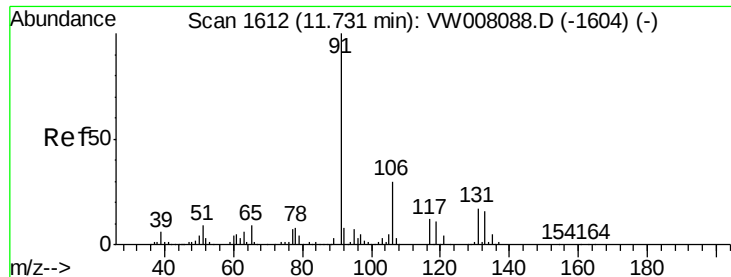
Tgt Ion:112 Resp: 136617
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 59.753 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion:131 Resp: 52762
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.7
119 63.3 32.5 97.4

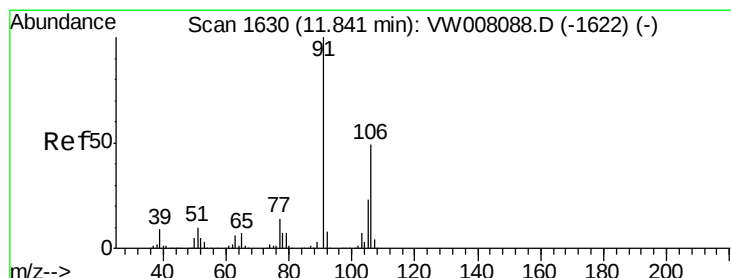
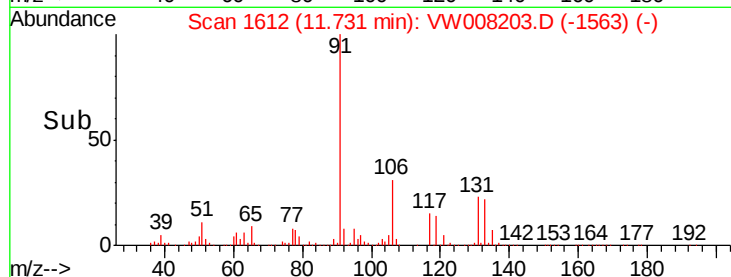
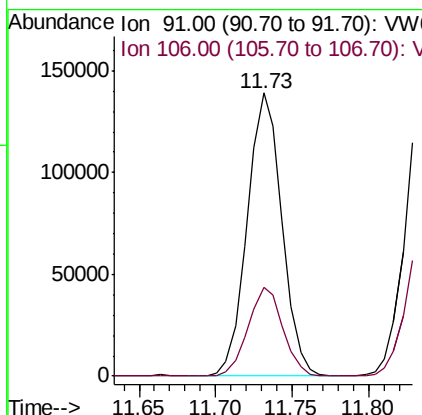
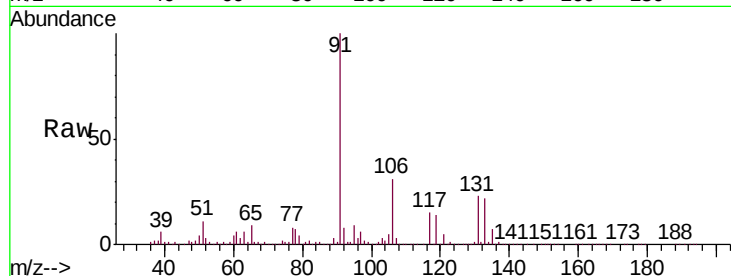




#67
Ethyl Benzene
Concen: 43.776 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

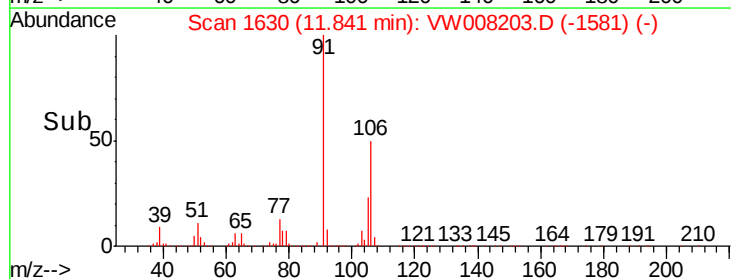
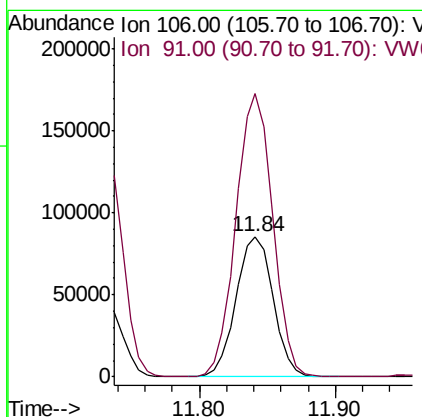
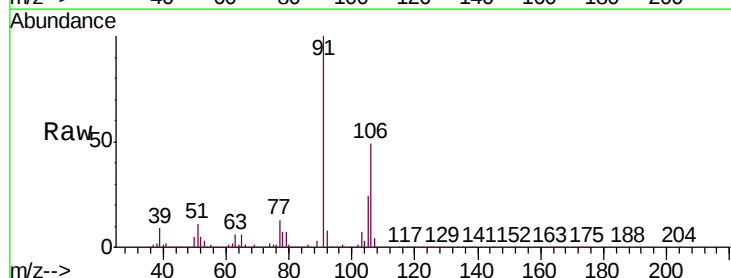
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

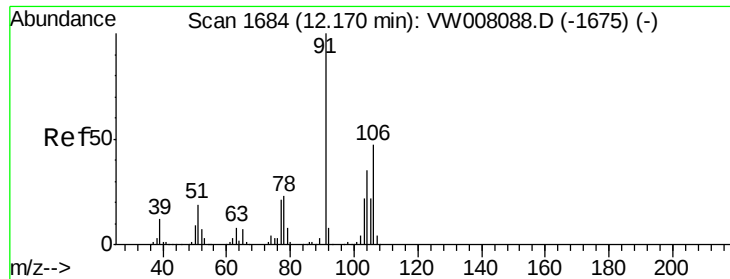
Tgt Ion: 91 Resp: 217452
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 85.663 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion: 106 Resp: 162416
Ion Ratio Lower Upper
106 100
91 199.4 162.4 243.6

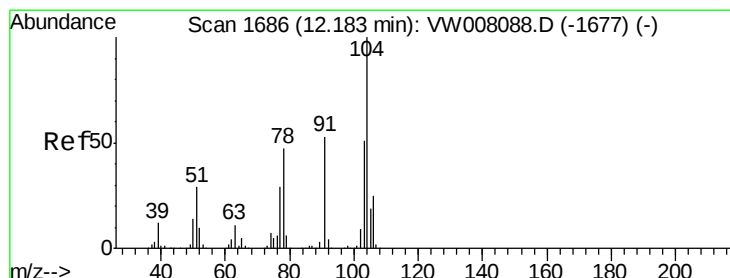
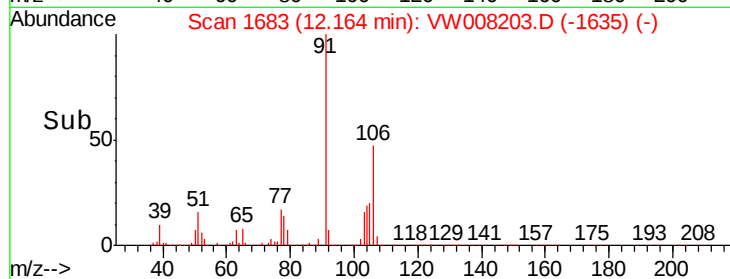
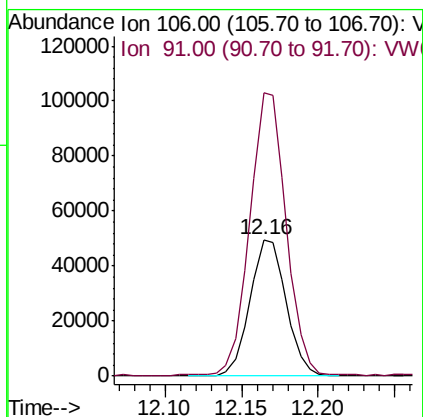
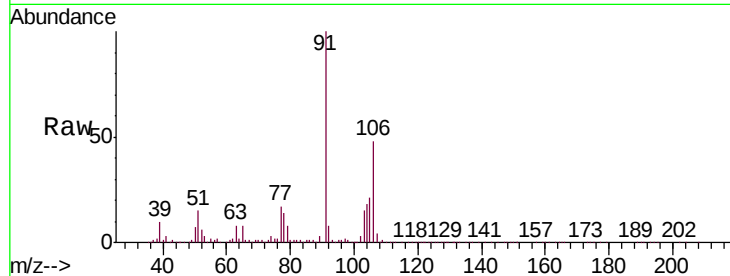




#69
o-Xylene
Concen: 46.488 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

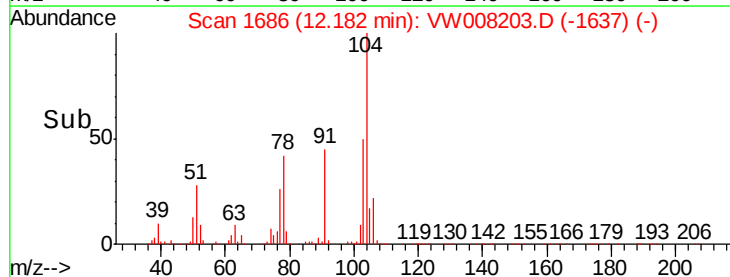
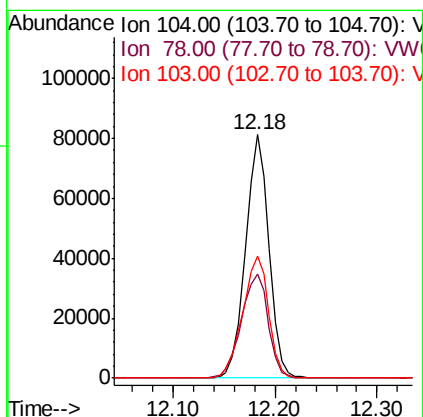
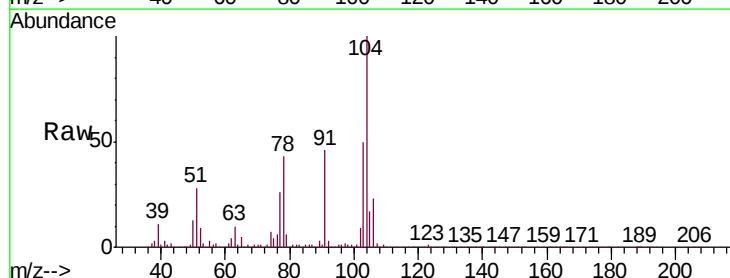
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MSD

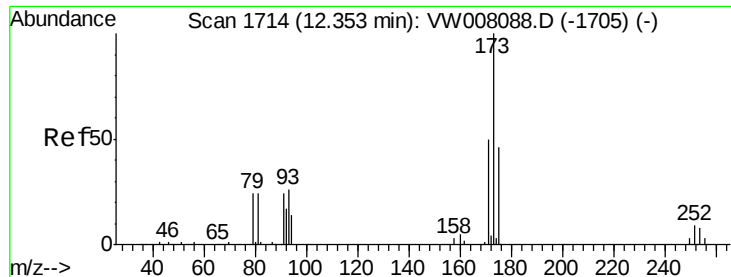
Tgt Ion:106 Resp: 81622
Ion Ratio Lower Upper
106 100
91 207.8 107.8 323.6



#70
Styrene
Concen: 47.217 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion:104 Resp: 129851
Ion Ratio Lower Upper
104 100
78 48.5 41.8 62.8
103 55.1 43.8 65.8





#71

Bromoform

Concen: 69.683 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

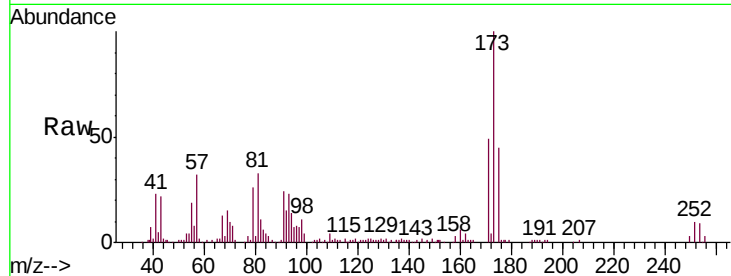
Tgt Ion:173 Resp: 27538

Ion Ratio Lower Upper

173 100

175 48.9 23.3 69.8

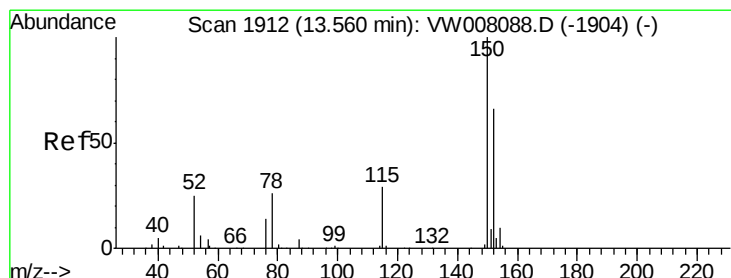
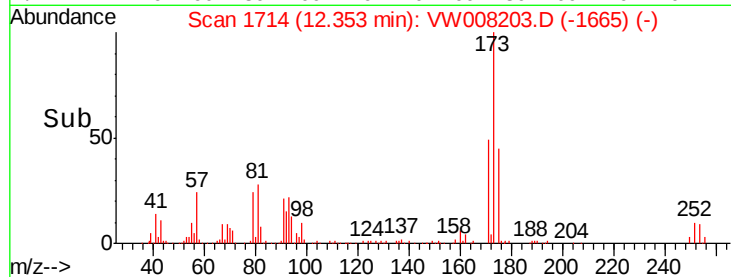
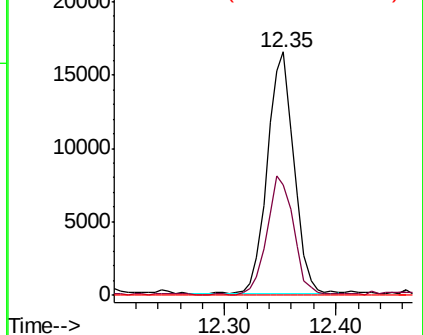
254 0.1 0.0 0.0#



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: VW008203.D

Acq: 11 Jan 2019 19:17

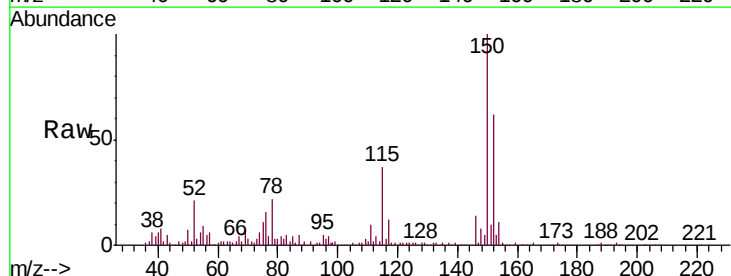
Tgt Ion:152 Resp: 42843

Ion Ratio Lower Upper

152 100

115 55.4 30.8 92.4

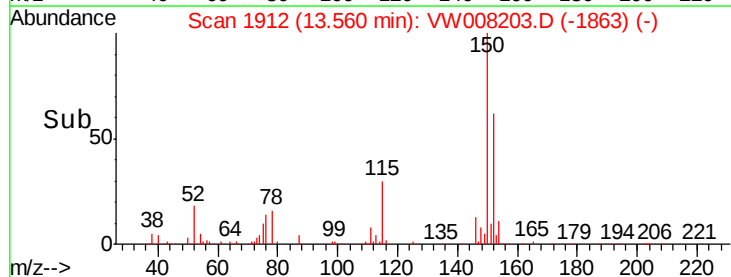
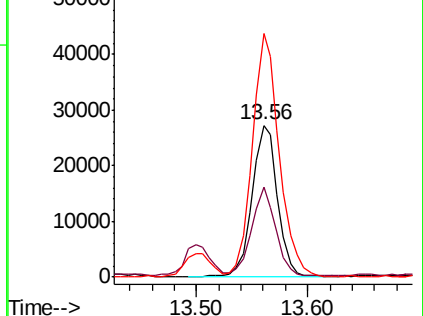
150 169.7 0.0 350.2

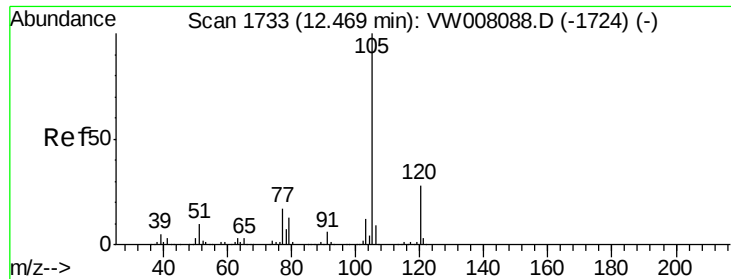


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.564 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

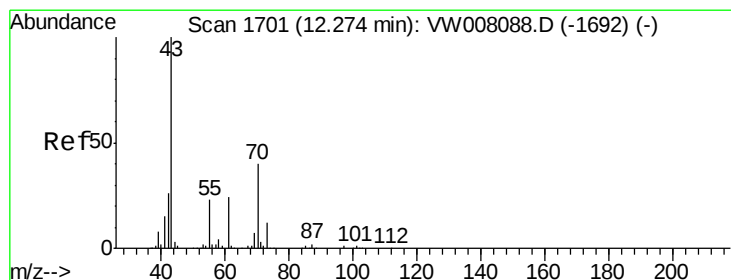
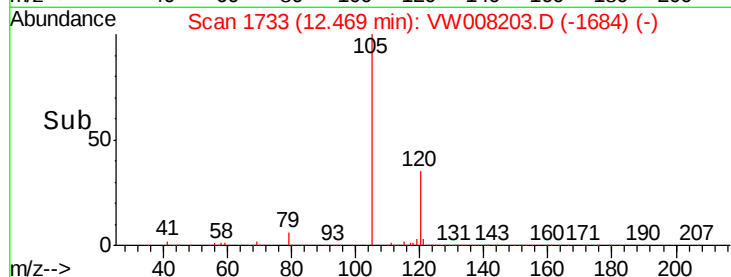
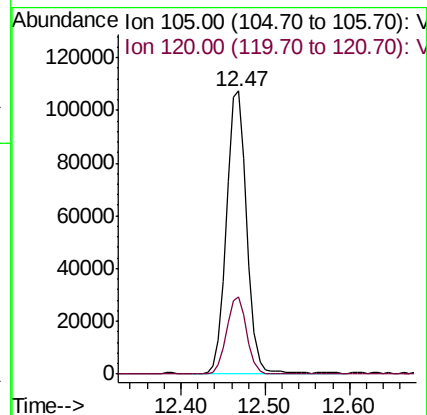
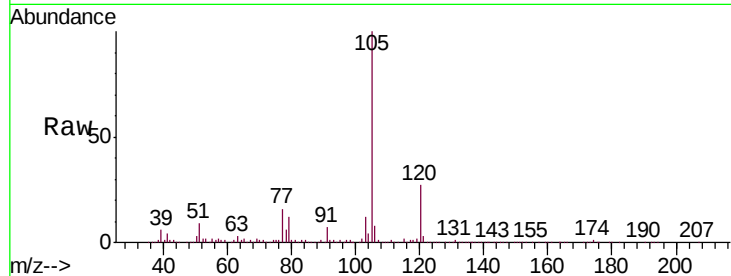
CPSB-06(15-20)MSD

Tgt Ion:105 Resp: 176804

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



#74

N-ethyl acetate

Concen: 98.147 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion: 43 Resp: 73108

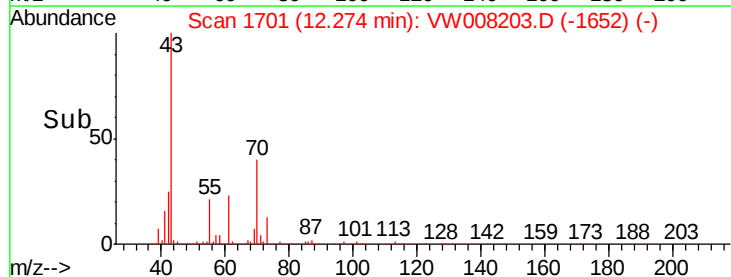
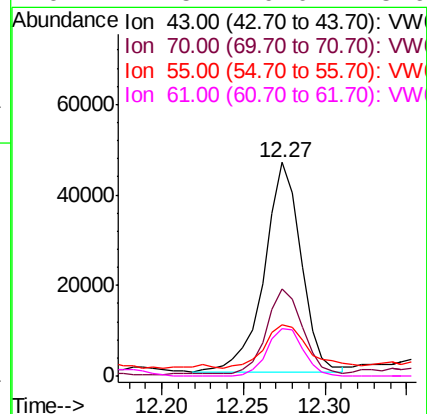
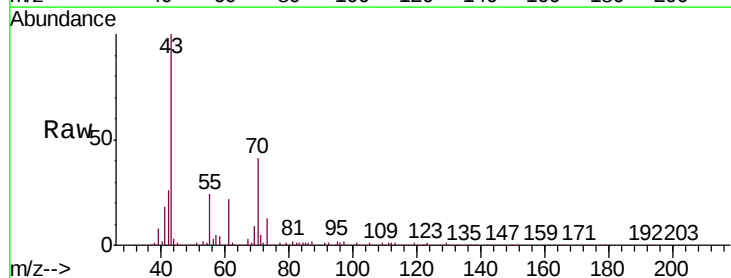
Ion Ratio Lower Upper

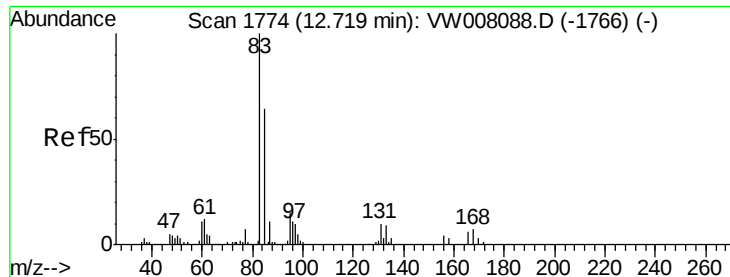
43 100

70 40.9 32.4 48.6

55 24.7 18.7 28.1

61 22.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 96.161 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

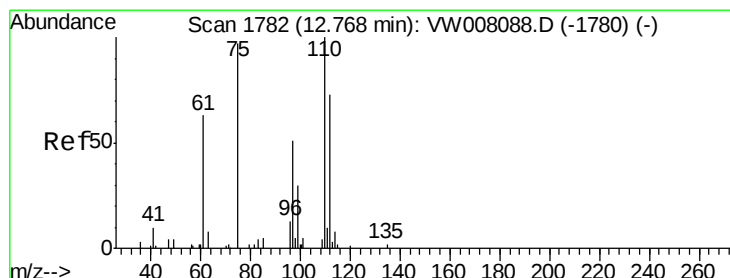
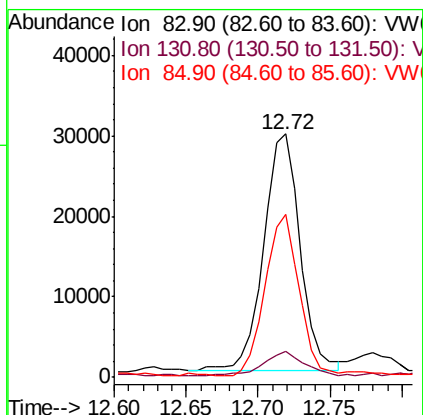
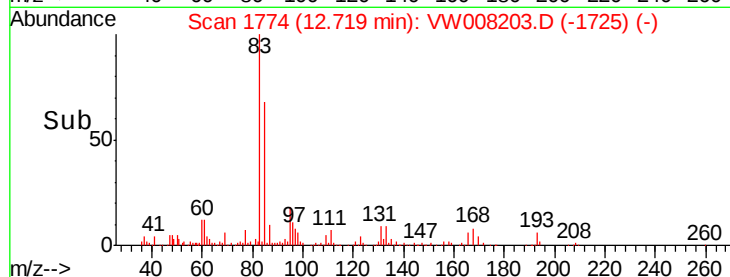
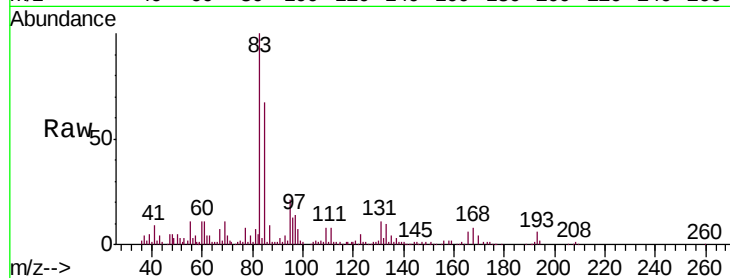
Tgt Ion: 83 Resp: 51772

Ion Ratio Lower Upper

83 100

131 11.3 5.3 16.1

85 62.8 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 157.845 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008203.D

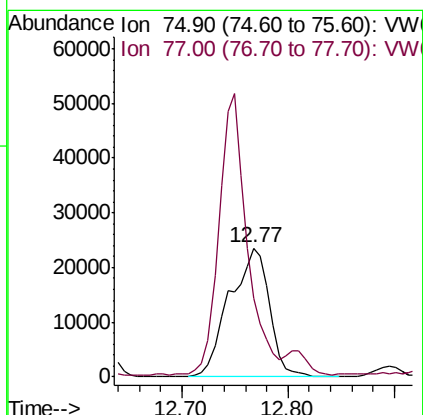
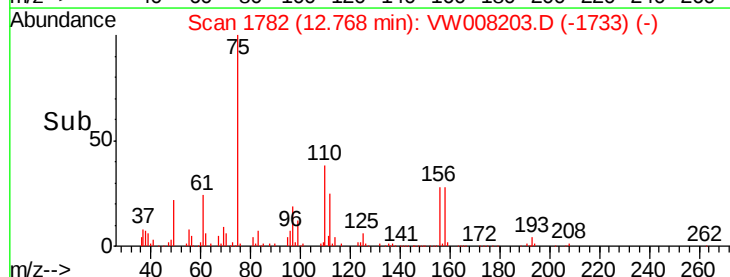
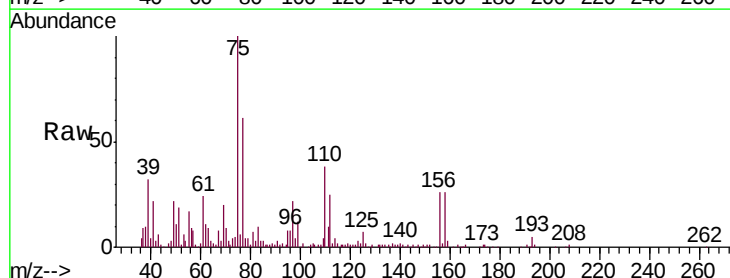
Acq: 11 Jan 2019 19:17

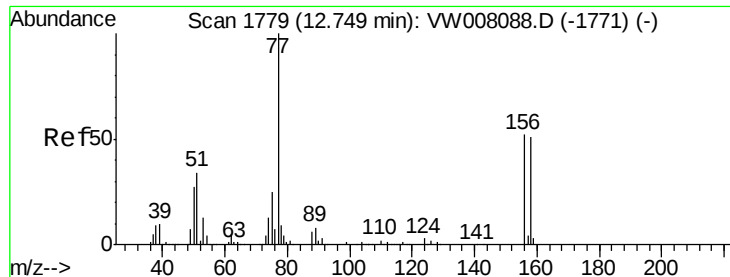
Tgt Ion: 75 Resp: 61648

Ion Ratio Lower Upper

75 100

77 152.7 179.4 538.2#





#77

Bromobenzene

Concen: 69.352 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

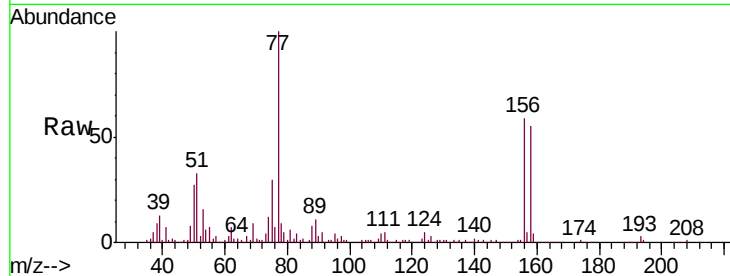
Tgt Ion:156 Resp: 49290

Ion Ratio Lower Upper

156 100

77 191.0 104.2 312.5

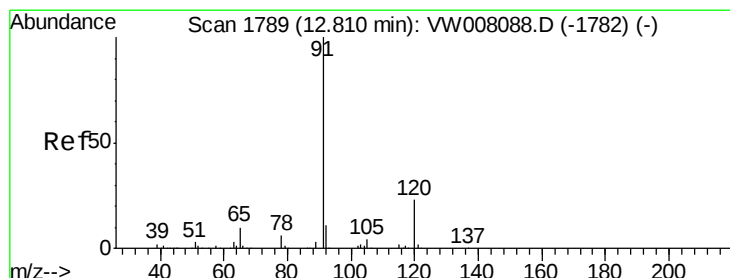
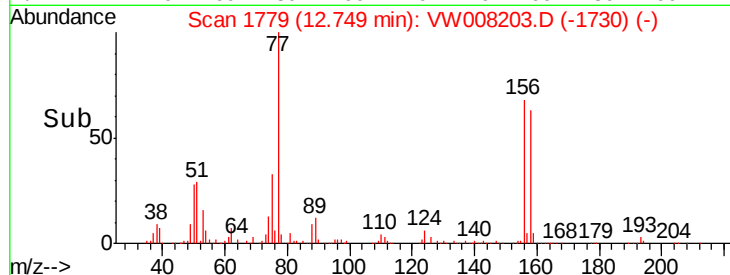
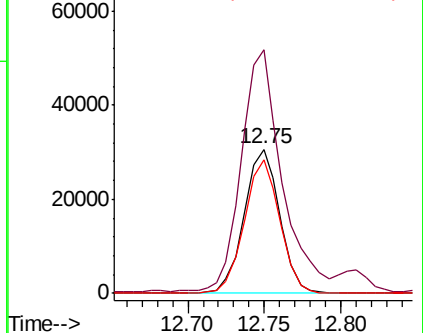
158 93.0 47.9 143.6



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: 43.953 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008203.D

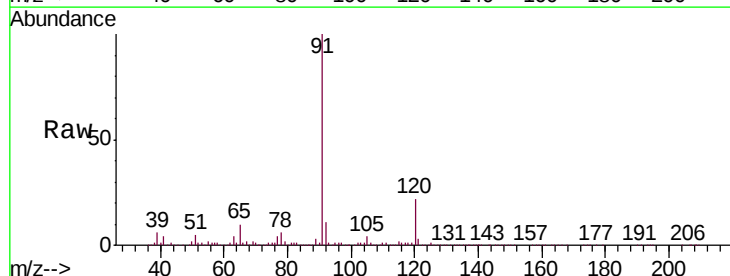
Acq: 11 Jan 2019 19:17

Tgt Ion: 91 Resp: 181143

Ion Ratio Lower Upper

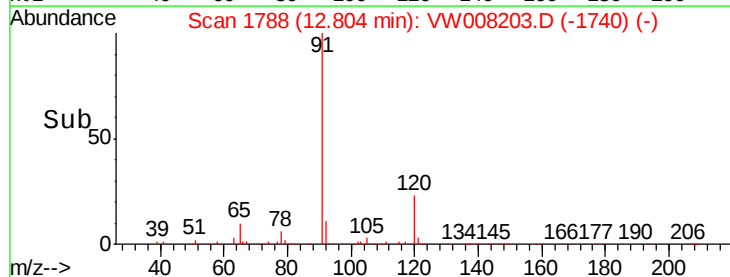
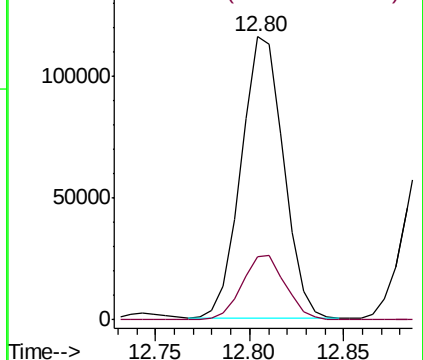
91 100

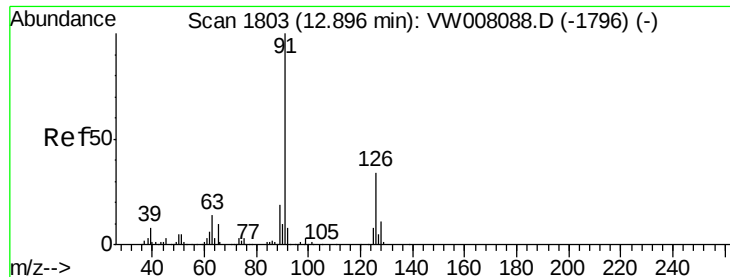
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.544 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

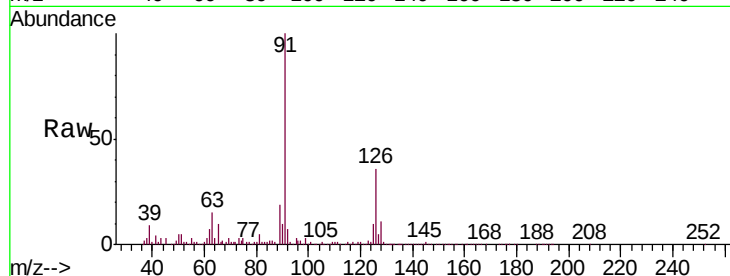
CPSB-06(15-20)MSD

Tgt Ion: 91 Resp: 118515

Ion Ratio Lower Upper

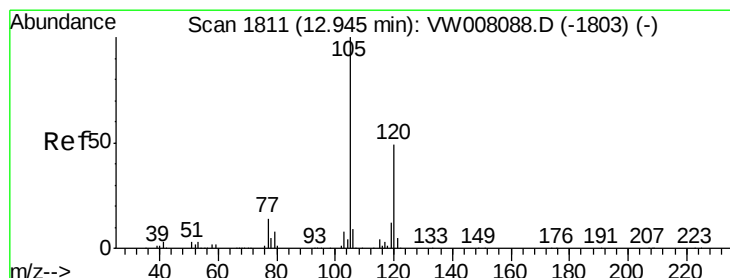
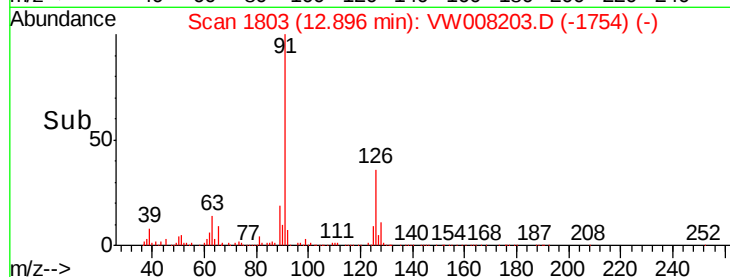
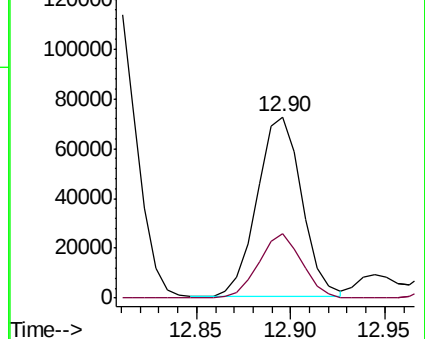
91 100

126 35.0 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: 44.315 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008203.D

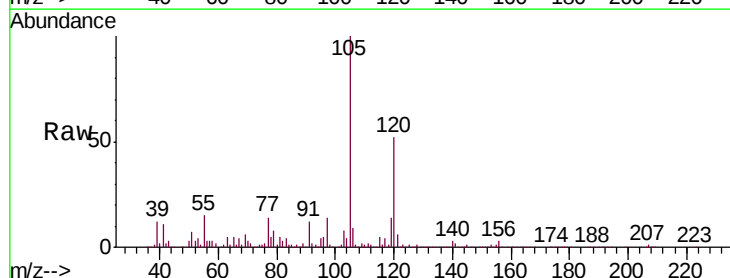
Acq: 11 Jan 2019 19:17

Tgt Ion: 105 Resp: 122489

Ion Ratio Lower Upper

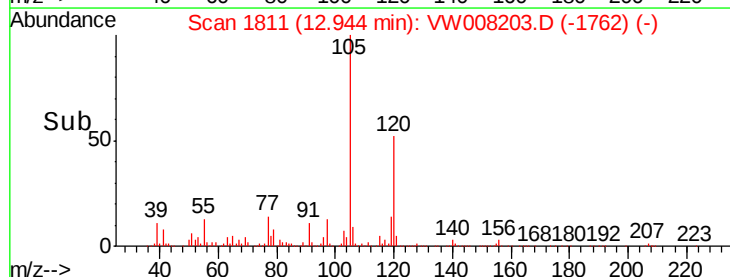
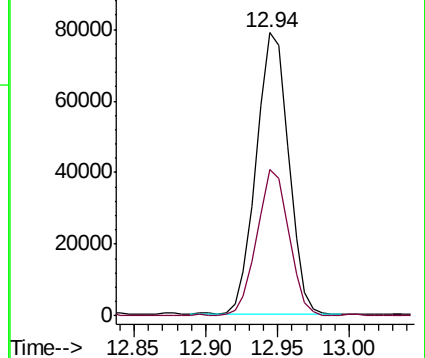
105 100

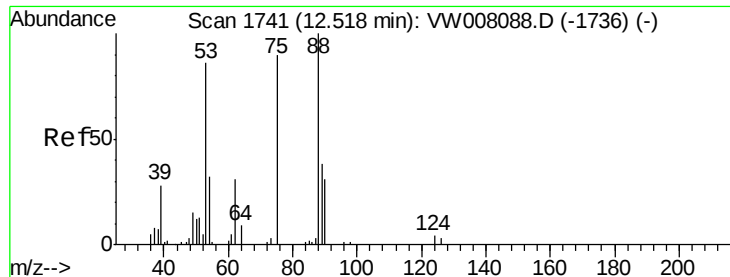
120 50.6 24.7 74.1



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: 89.926 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

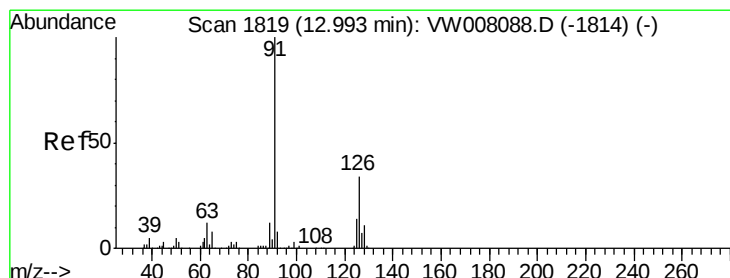
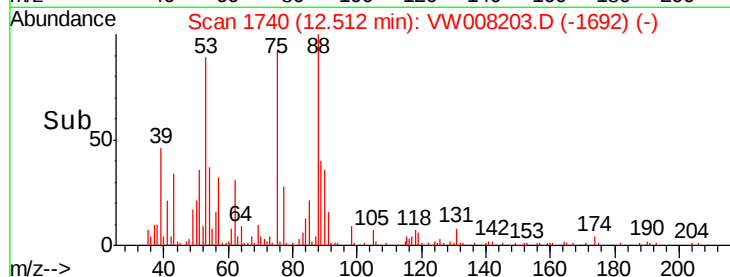
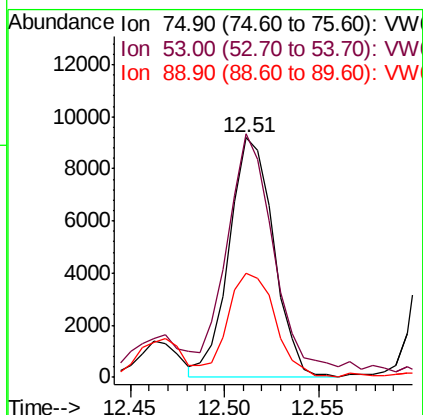
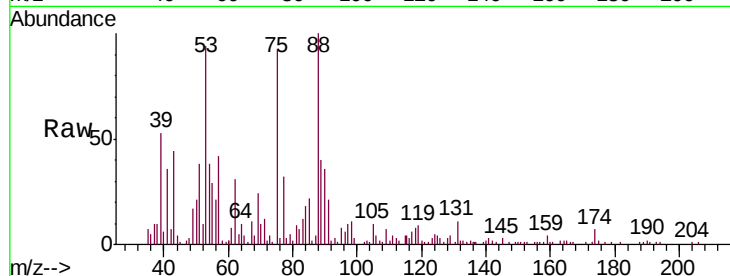
Tgt Ion: 75 Resp: 15082

Ion Ratio Lower Upper

75 100

53 95.8 78.8 118.2

89 46.3 35.4 53.2



#82

4-Chlorotoluene

Concen: 49.920 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008203.D

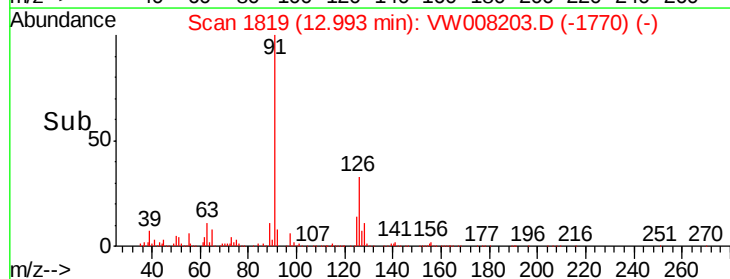
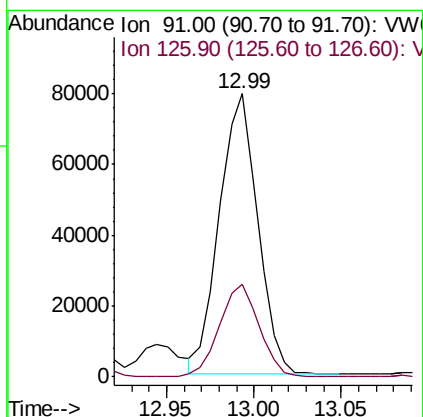
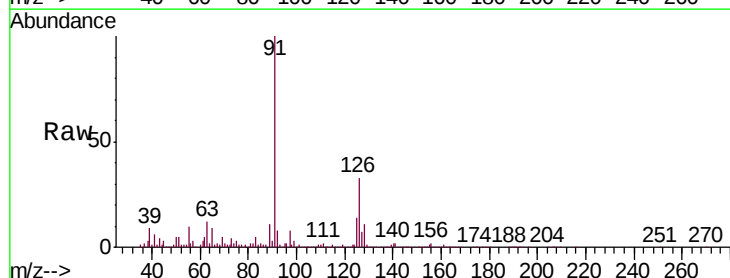
Acq: 11 Jan 2019 19:17

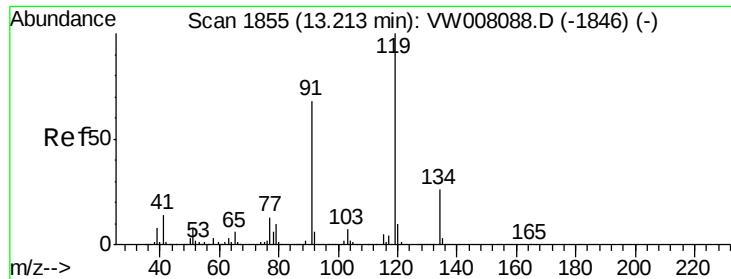
Tgt Ion: 91 Resp: 120889

Ion Ratio Lower Upper

91 100

126 34.3 16.5 49.5

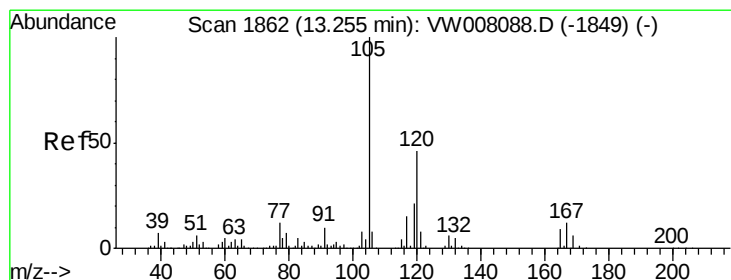
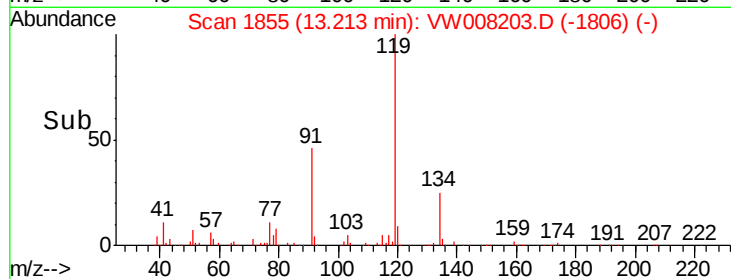
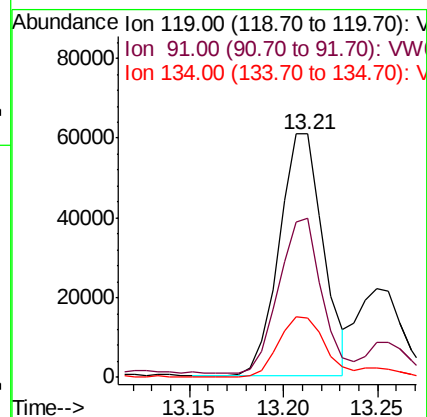
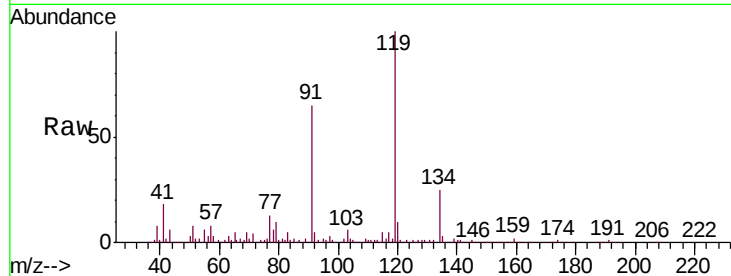




#83
 tert-Butylbenzene
 Concen: 40.610 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

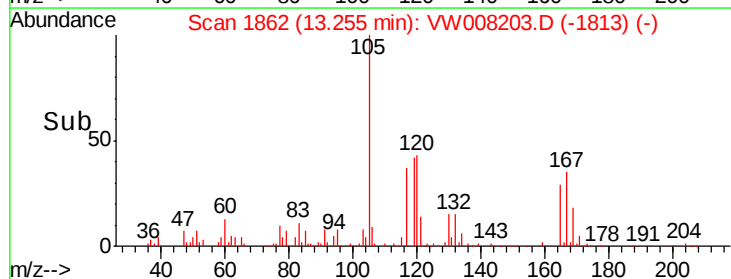
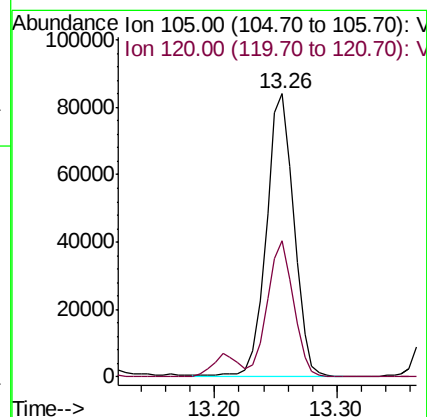
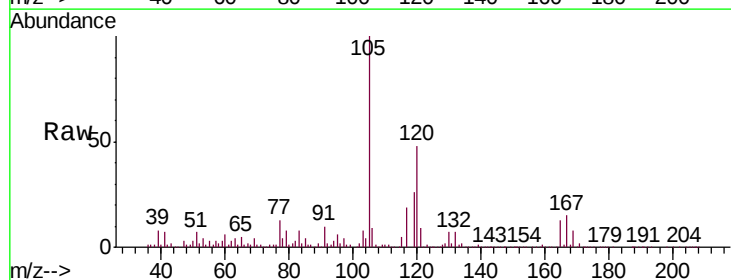
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MSD

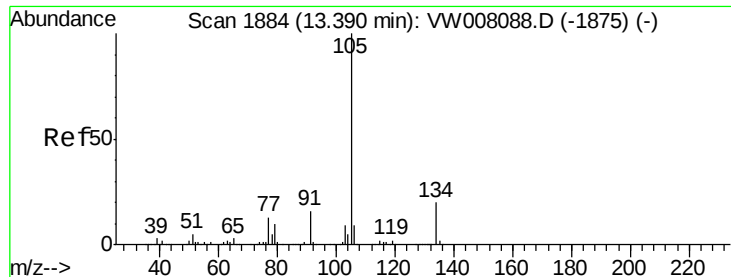
Tgt Ion:119 Resp: 99304
 Ion Ratio Lower Upper
 119 100
 91 62.0 33.9 101.6
 134 25.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 45.837 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion:105 Resp: 130671
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.7 68.1

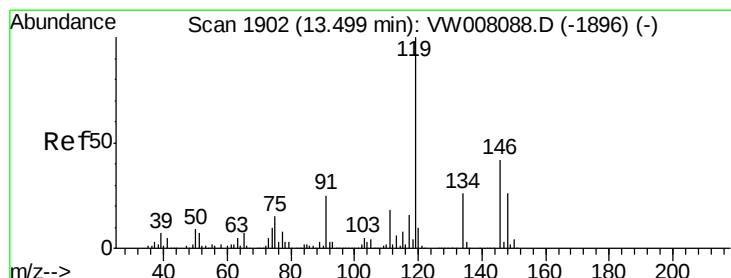
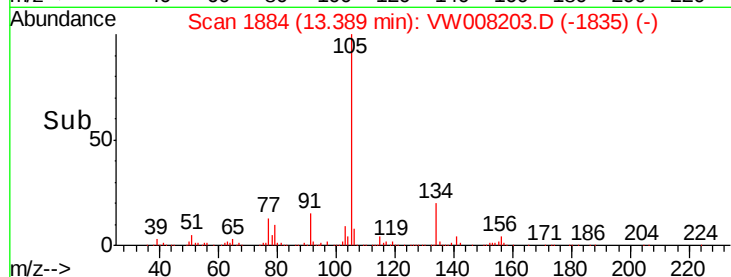
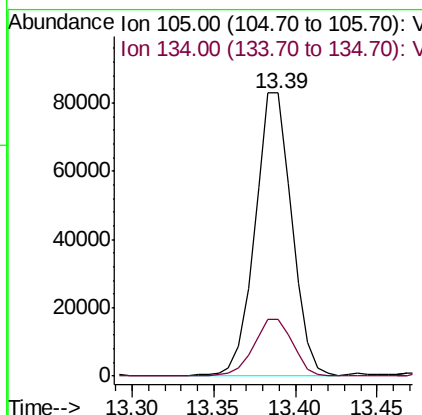
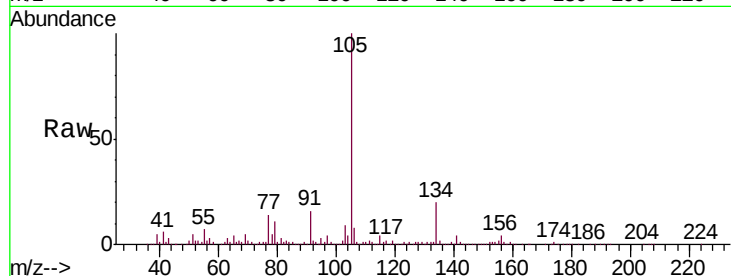




#85
 sec-Butylbenzene
 Concen: 36.033 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

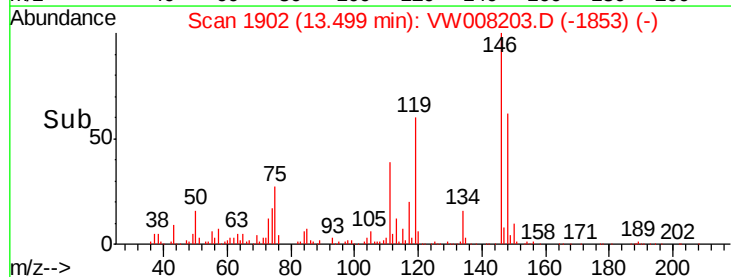
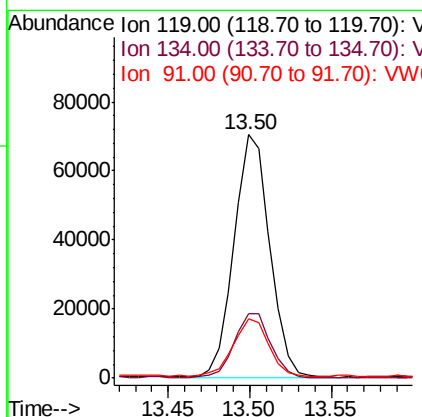
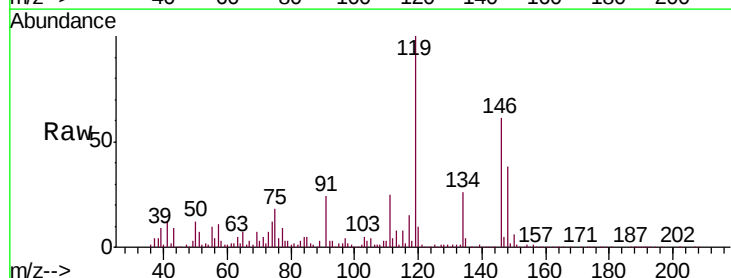
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MSD

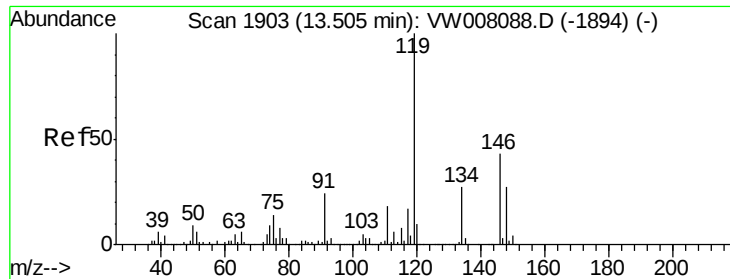
Tgt Ion:105 Resp: 129072
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 34.588 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion:119 Resp: 106990
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.7 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 48.607 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

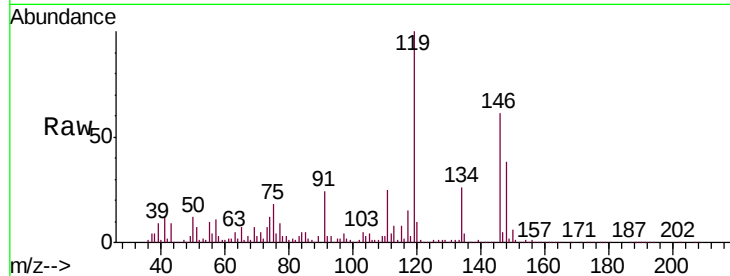
Instrument :

MSVOA_W

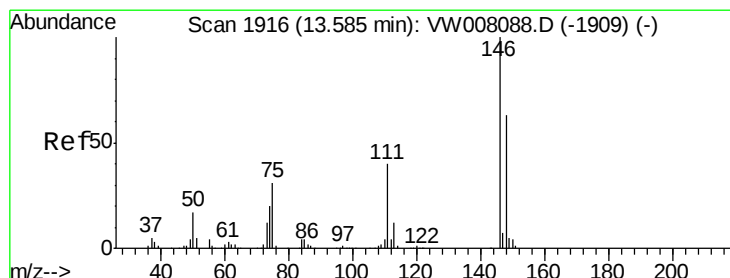
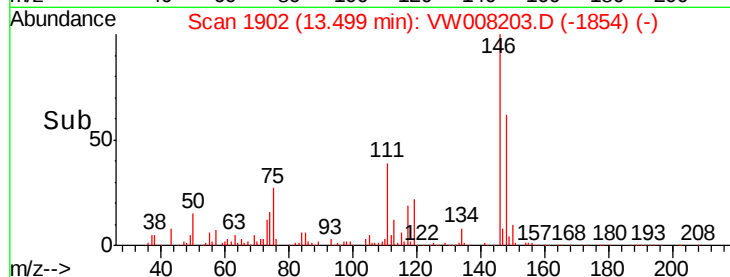
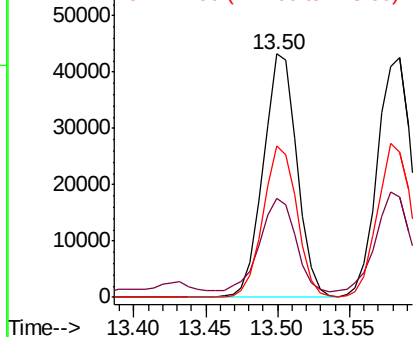
ClientSampleId :

CPSB-06(15-20)MSD

Tgt Ion:	146	Resp:	70077
Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.1	63.1
148	61.8	31.3	93.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.459 ug/l

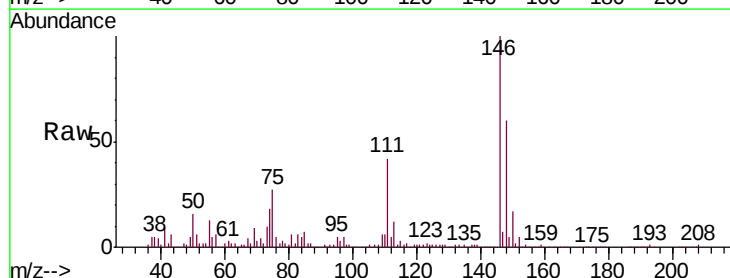
RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

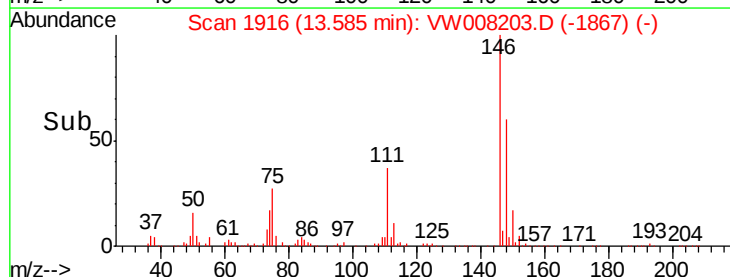
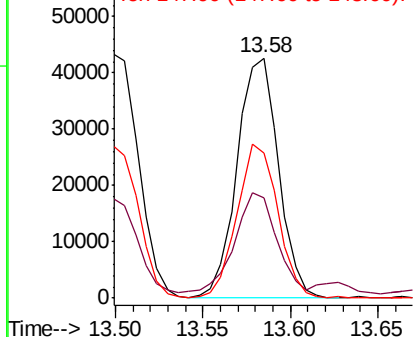
Lab File: VW008203.D

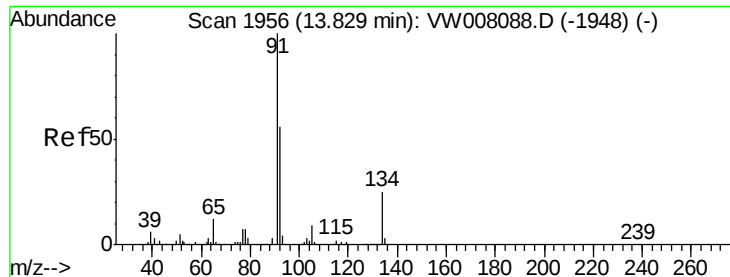
Acq: 11 Jan 2019 19:17

Tgt Ion:	146	Resp:	70095
Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.5
148	63.2	31.6	94.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 30.198 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

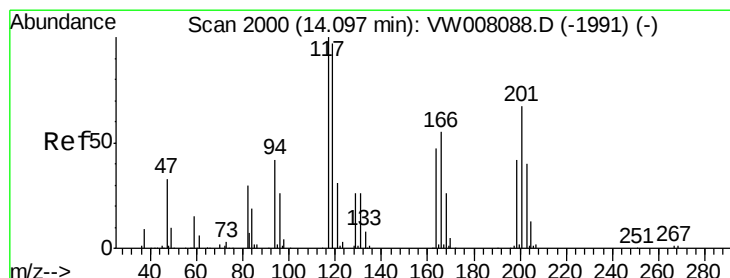
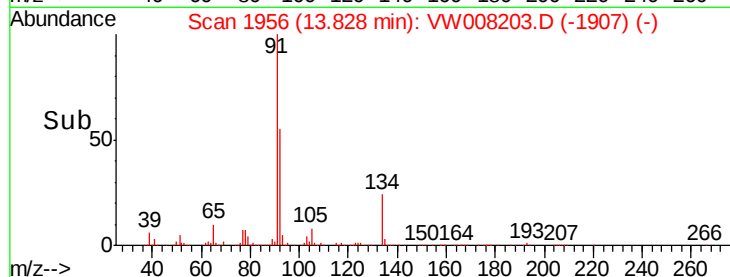
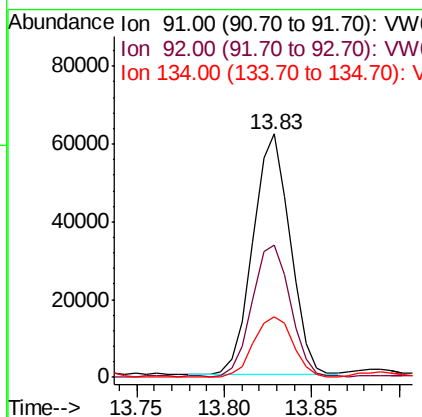
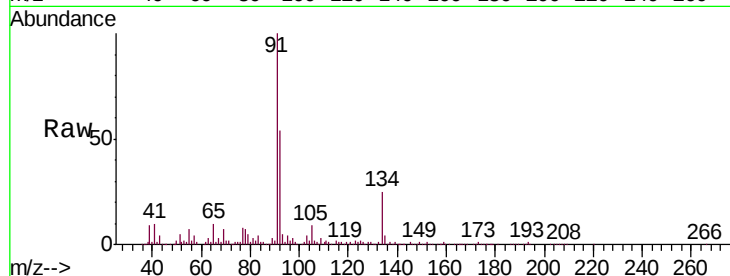
Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tgt Ion:	91	Resp:	91487
Ion	Ratio	Lower	Upper
91	100		
92	56.3	27.4	82.2
134	26.6	12.6	37.8



#90

Hexachloroethane

Concen: 40.422 ug/l

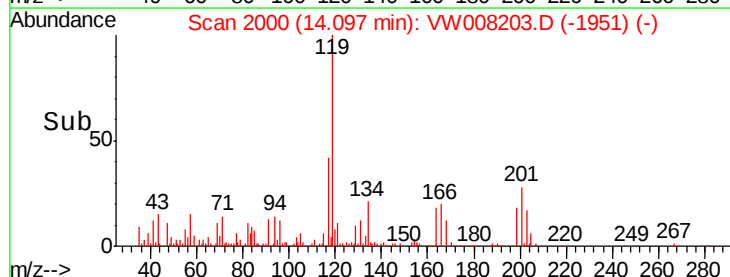
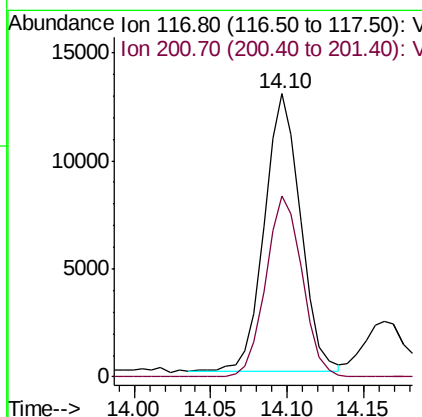
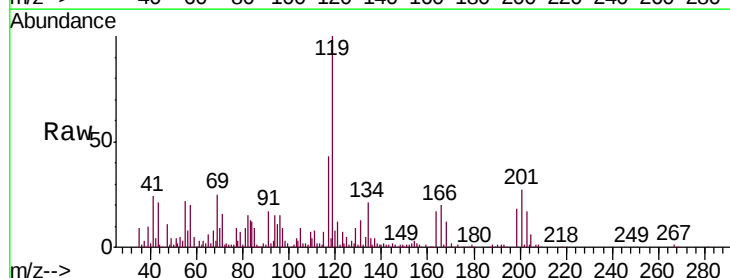
RT: 14.10 min Scan# 2000

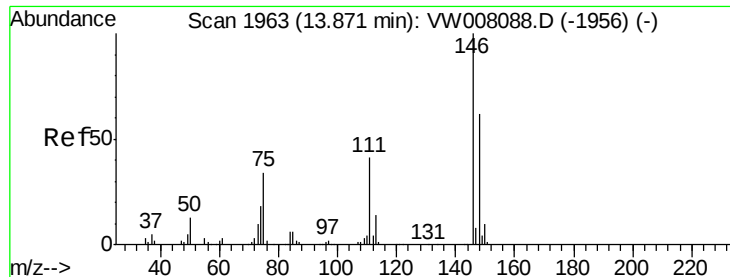
Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion:	117	Resp:	21119
Ion	Ratio	Lower	Upper
117	100		
201	65.5	33.0	98.9

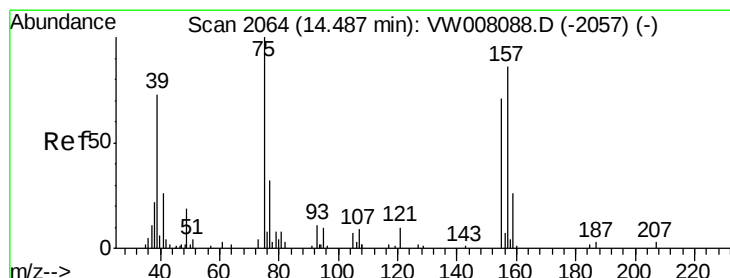
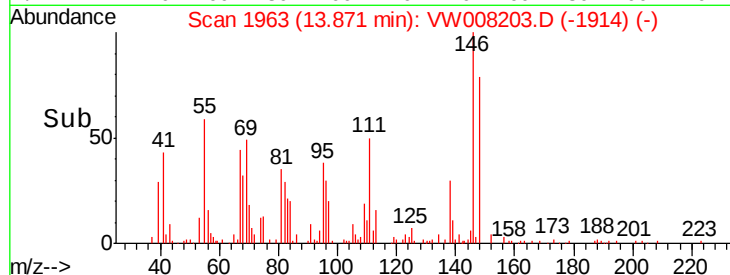
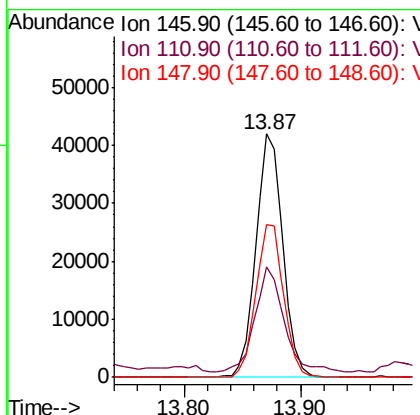
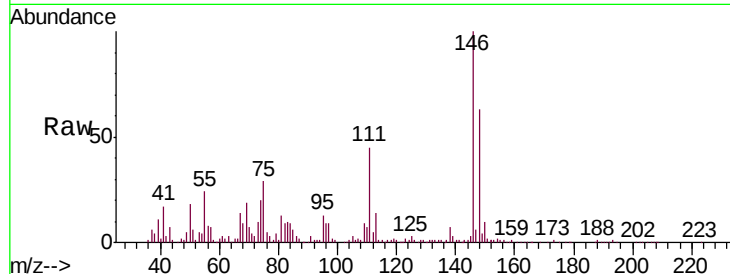




#91
 1,2-Dichlorobenzene
 Concen: 53.189 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

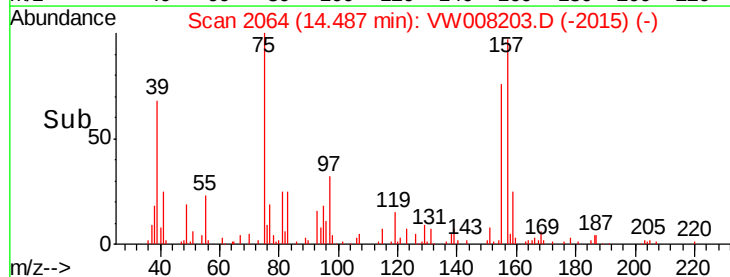
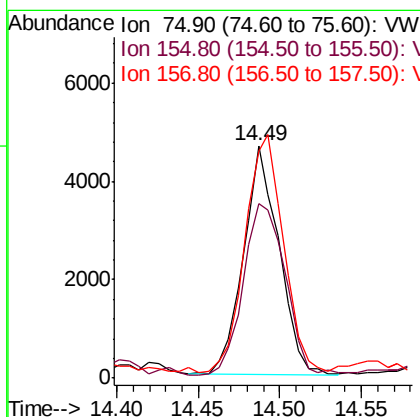
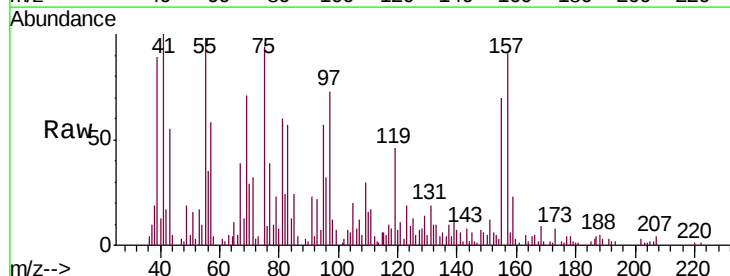
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MSD

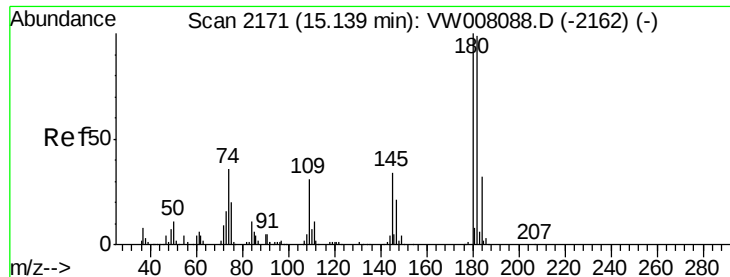
Tgt Ion:146 Resp: 67393
 Ion Ratio Lower Upper
 146 100
 111 49.8 21.3 63.7
 148 65.6 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 81.021 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion: 75 Resp: 7020
 Ion Ratio Lower Upper
 75 100
 155 89.4 38.6 115.7
 157 115.6 47.5 142.6

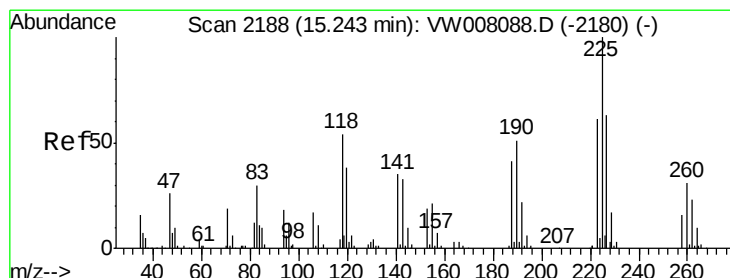
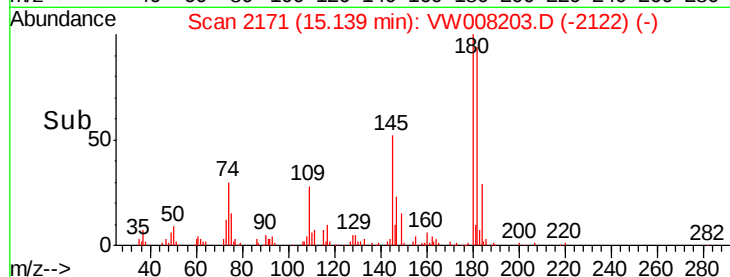
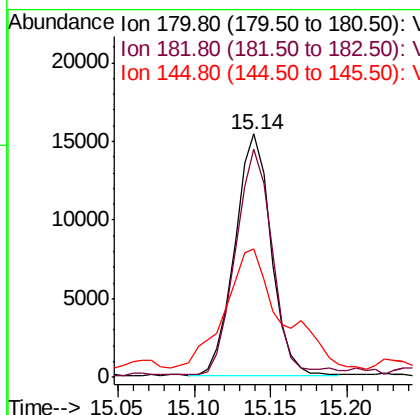
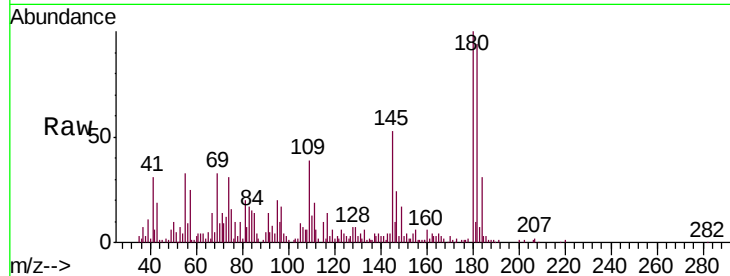




#93
 1,2,4-Trichlorobenzene
 Concen: 30.056 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

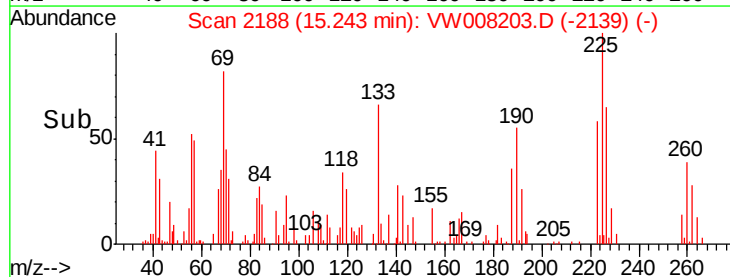
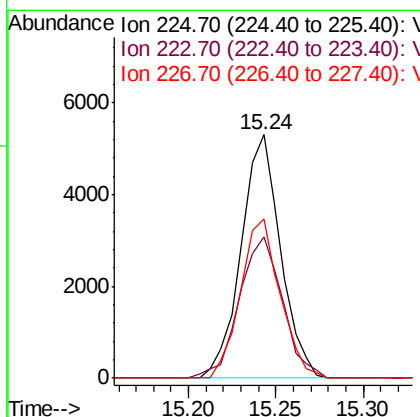
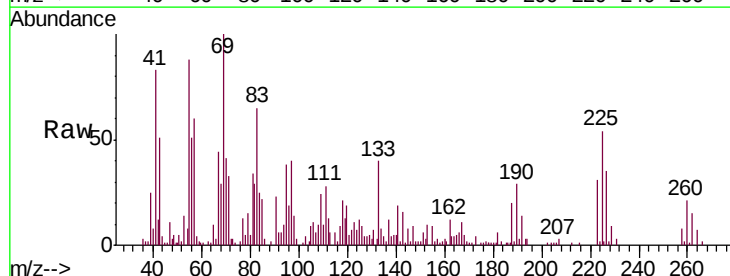
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MSD

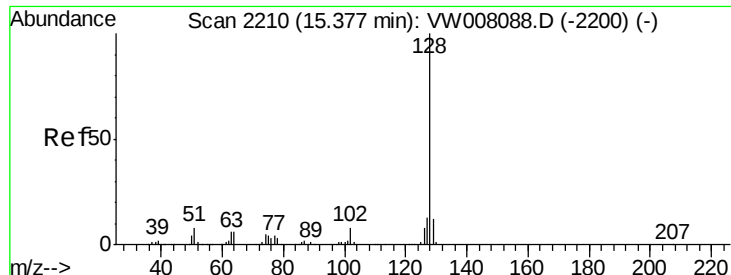
Tgt Ion:180 Resp: 25284
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.6 145.9
 145 85.1 16.6 49.7#



#94
 Hexachlorobutadiene
 Concen: 18.445 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion:225 Resp: 8305
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.4 94.3
 227 65.2 32.0 96.2





#95

Naphthalene

Concen: 48.912 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

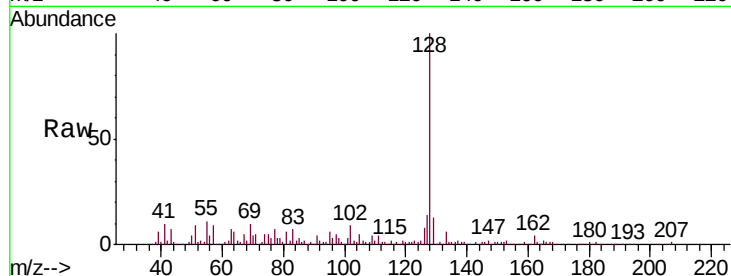
Tgt Ion:128 Resp: 76827

Ion Ratio Lower Upper

128 100

127 15.4 11.0 16.4

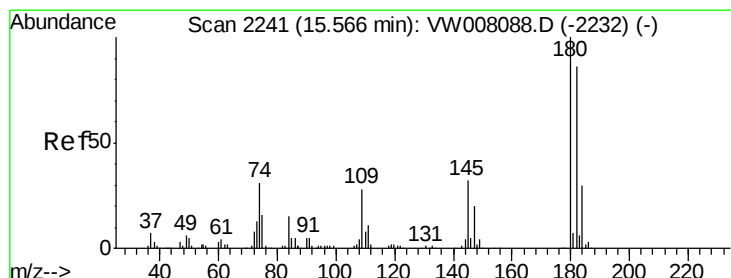
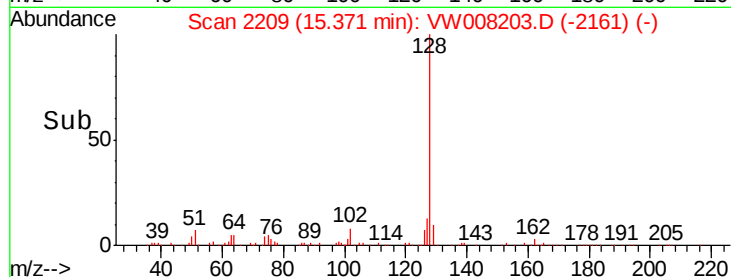
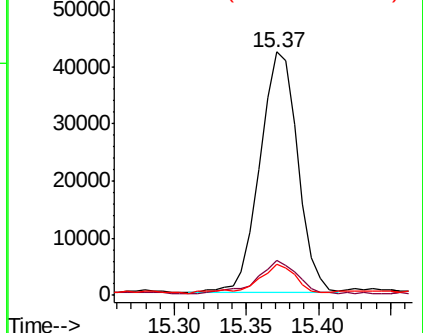
129 11.5 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 32.452 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

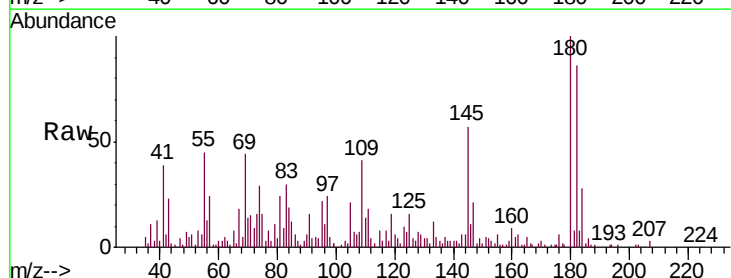
Tgt Ion:180 Resp: 23272

Ion Ratio Lower Upper

180 100

182 91.3 46.5 139.3

145 82.1 17.4 52.2#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

