

Data File : VW008201.D
Acq On : 11 Jan 2019 18:25
Operator : SY/VA
Sample : K1088-09MSD
Misc : 5.07G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 12 00:13:24 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	55048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	73333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47129	76.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.36%	
35) Dibromofluoromethane	7.88	113	43054	67.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.68%	
50) Toluene-d8	10.32	98	108116	40.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.60%	
62) 4-Bromofluorobenzene	12.62	95	27193	28.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	28020	62.369	ug/l	94
3) Chloromethane	2.21	50	41178	70.649	ug/l	96
4) Vinyl Chloride	2.37	62	49768	65.423	ug/l	95
5) Bromomethane	2.78	94	39475	69.272	ug/l	94
6) Chloroethane	2.93	64	34806	60.805	ug/l	98
7) Trichlorofluoromethane	3.26	101	26967	43.605	ug/l	91
8) Diethyl Ether	3.68	74	32172	92.021	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	18943	30.851	ug/l	94
10) Methyl Iodide	4.26	142	64842	72.458	ug/l	99
11) Tert butyl alcohol	5.21	59	20258	569.132	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	37008	61.390	ug/l	90
13) Acrolein	3.89	56	11255	273.388	ug/l	98
14) Allyl chloride	4.66	41	70675	64.572	ug/l	97
15) Acrylonitrile	5.37	53	66989	503.277	ug/l	99
16) Acetone	4.13	43	72346	687.555	ug/l	96
17) Carbon Disulfide	4.37	76	105223	55.875	ug/l	98
18) Methyl Acetate	4.67	43	48588	124.256	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	94316	96.237	ug/l	97
20) Methylene Chloride	4.91	84	59693	103.101	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	43415	66.271	ug/l	93
22) Diisopropyl ether	6.31	45	181260	86.834	ug/l	98
23) Vinyl Acetate	6.25	43	460952	420.458	ug/l	98
24) 1,1-Dichloroethane	6.21	63	90509	74.416	ug/l	98
25) 2-Butanone	7.18	43	88541	514.355	ug/l	96
26) 2,2-Dichloropropane	7.17	77	46974	57.000	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	54139	75.744	ug/l	92
28) Bromochloromethane	7.51	49	37183	77.292	ug/l	89
29) Tetrahydrofuran	7.53	42	58919	512.398	ug/l	99
30) Chloroform	7.68	83	88557	76.494	ug/l	98
31) Cyclohexane	7.96	56	19203	14.749	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	52785	52.401	ug/l	99
36) 1,1-Dichloropropene	8.08	75	42543	37.673	ug/l	98
37) Ethyl Acetate	7.25	43	37342	82.539	ug/l	97
38) Carbon Tetrachloride	8.07	117	36325	35.145	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	15616	10.906	ug/l	89
40) Benzene	8.32	78	181660	59.310	ug/l	98
41) Methacrylonitrile	7.48	41	21942	76.777	ug/l	95
42) 1,2-Dichloroethane	8.40	62	63849	74.118	ug/l	98
43) Isopropyl Acetate	8.42	43	75532	83.502	ug/l	96
44) Trichloroethene	9.09	130	36712	46.823	ug/l	94
45) 1,2-Dichloropropane	9.37	63	49584	65.289	ug/l	96
46) Dibromomethane	9.46	93	29295	78.544	ug/l	93
47) Bromodichloromethane	9.65	83	64539	68.147	ug/l	99
48) Methyl methacrylate	9.44	41	37261	87.299	ug/l	95
49) 1,4-Dioxane	9.46	88	10591	1765.720	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	192731	440.173	ug/l	100
52) Toluene	10.39	92	83619	42.749	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	64820	65.800	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	72513	62.075	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	39828	76.058	ug/l	99
56) Ethyl methacrylate	10.65	69	54166	83.525	ug/l	96
57) 1,3-Dichloropropane	10.93	76	69647	72.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	122597	365.979	ug/l	96
59) 2-Hexanone	10.97	43	132697	448.154	ug/l	99
60) Dibromochloromethane	11.13	129	39916	69.415	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36659	73.779	ug/l	99
64) Tetrachloroethene	10.87	164	15701	32.899	ug/l	92
65) Chlorobenzene	11.66	112	83241	53.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	32539	64.393	ug/l	100
67) Ethyl Benzene	11.73	91	96555	33.966	ug/l	92
68) m/p-Xylenes	11.84	106	75881	69.935	ug/l	96
69) o-Xylene	12.17	106	41493	41.296	ug/l	98
70) Styrene	12.18	104	73835	46.915	ug/l	97
71) Bromoform	12.35	173	21002	92.866	ug/l #	97
73) Isopropylbenzene	12.47	105	93606	69.700	ug/l	85
74) N-amyl acetate	12.27	43	57729	194.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40096	186.525	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	48805	312.974	ug/l #	1
77) Bromobenzene	12.75	156	27311	96.244	ug/l	89
78) n-propylbenzene	12.80	91	60017	36.473	ug/l	97
79) 2-Chlorotoluene	12.90	91	46910	51.097	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	41548	37.647	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.52	75	11848	176.930	ug/l	88
82) 4-Chlorotoluene	12.99	91	55310	57.204	ug/l	99
83) tert-Butylbenzene	13.21	119	25101	25.709	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	55059	48.372	ug/l	99
85) sec-Butylbenzene	13.39	105	31087	21.736	ug/l	97
86) p-Isopropyltoluene	13.50	119	313227	253.617	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	29150	50.640	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	31062	53.784	ug/l	97
89) n-Butylbenzene	13.83	91	21411	17.701	ug/l	95
90) Hexachloroethane	14.10	117	5584	26.768	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	30960	61.199	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5816	168.119	ug/l	96

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

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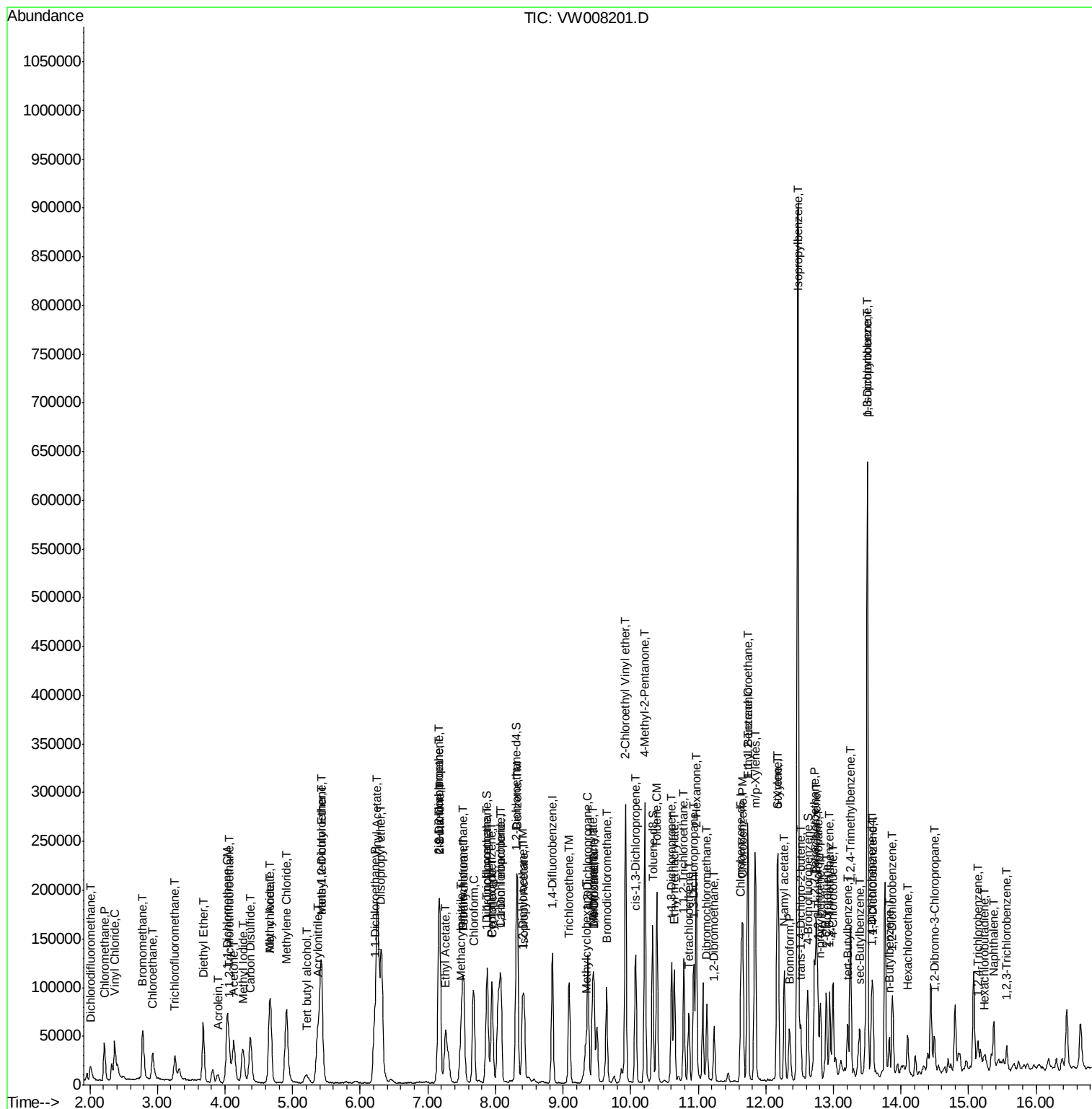
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	7883	23.470	ug/l #	91
94) Hexachlorobutadiene	15.24	225	2022	11.248	ug/l	97
95) Naphthalene	15.37	128	45951	73.270	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	7459	26.051	ug/l #	83

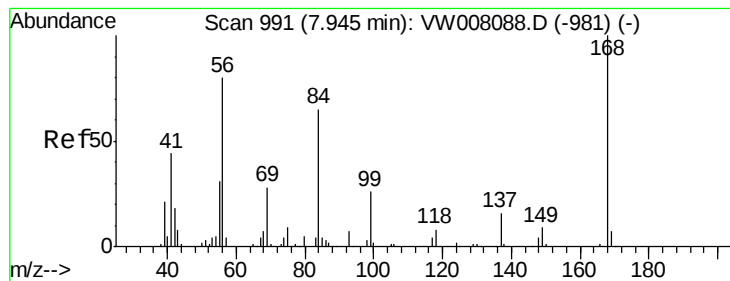
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

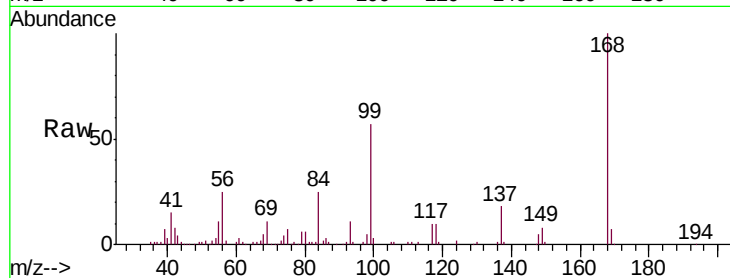
CPSB-07(15-20)MSD

Tgt Ion:168 Resp: 55048

Ion Ratio Lower Upper

168 100

99 56.8 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

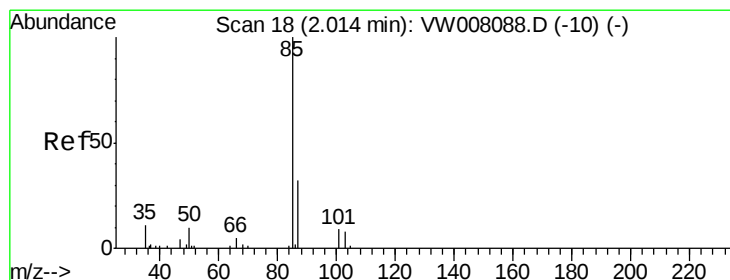
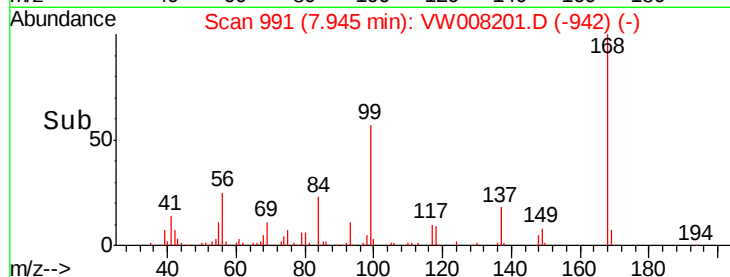
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 62.369 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008201.D

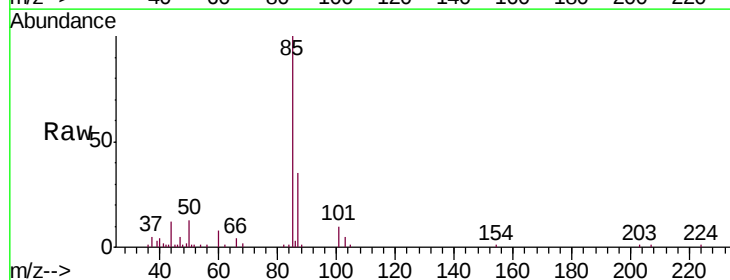
Acq: 11 Jan 2019 18:25

Tgt Ion: 85 Resp: 28020

Ion Ratio Lower Upper

85 100

87 35.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

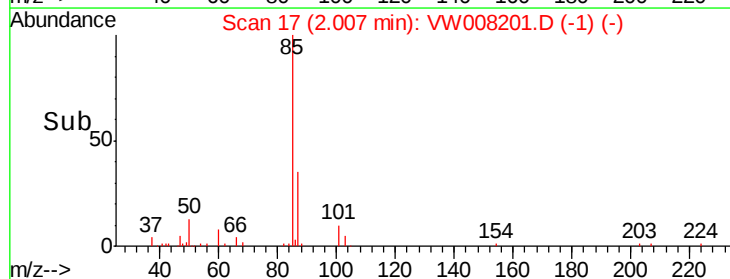
4000

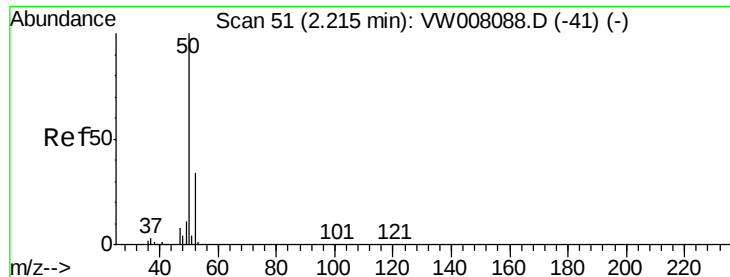
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 70.649 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

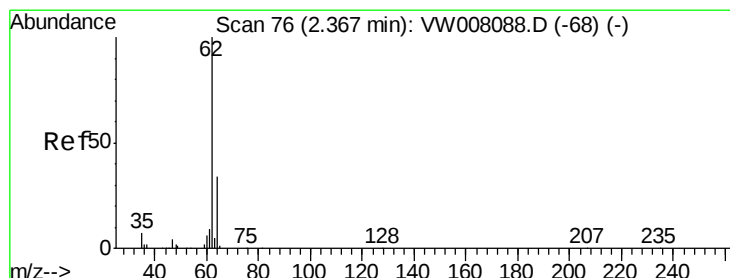
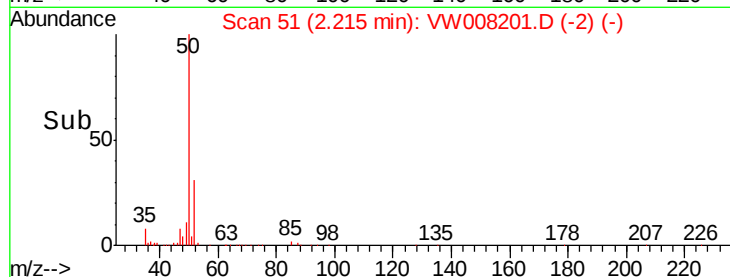
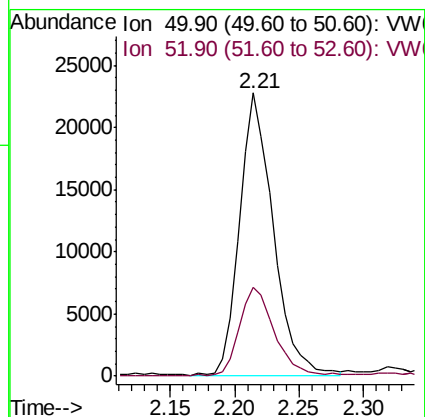
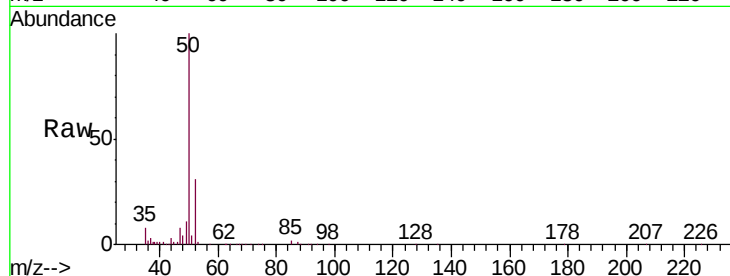
CPSB-07(15-20)MSD

Tgt Ion: 50 Resp: 41178

Ion Ratio Lower Upper

50 100

52 31.1 26.8 40.2



#4

Vinyl Chloride

Concen: 65.423 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008201.D

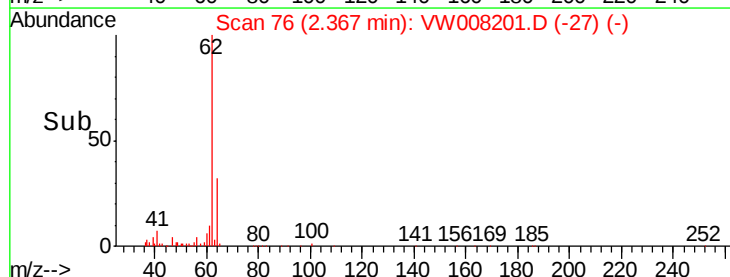
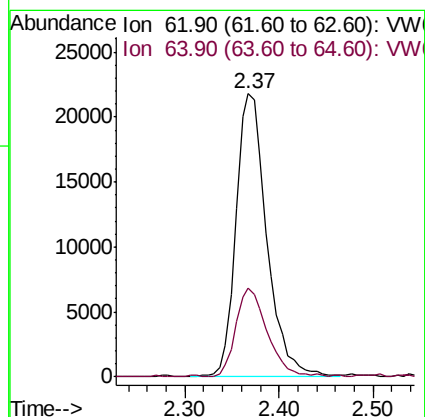
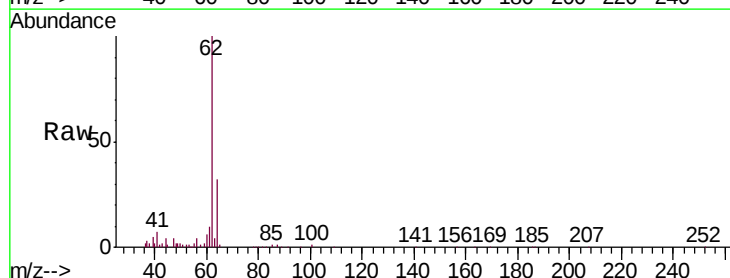
Acq: 11 Jan 2019 18:25

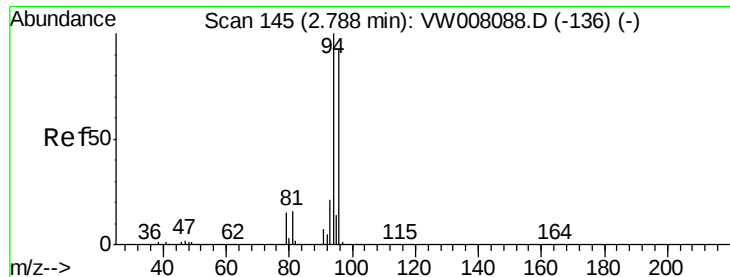
Tgt Ion: 62 Resp: 49768

Ion Ratio Lower Upper

62 100

64 31.1 27.0 40.6





#5

Bromomethane

Concen: 69.272 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

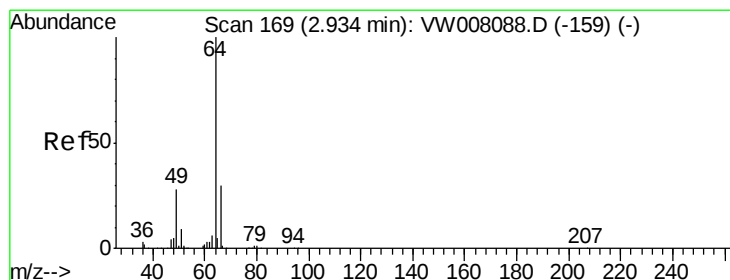
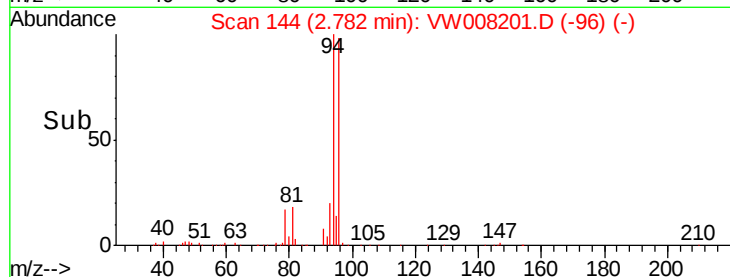
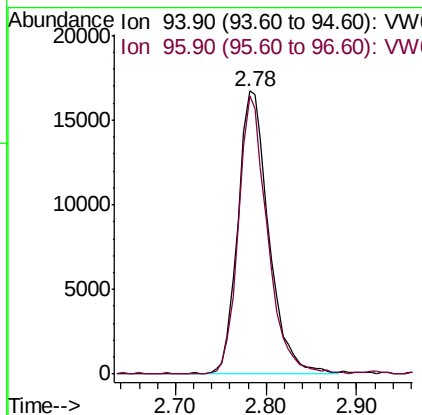
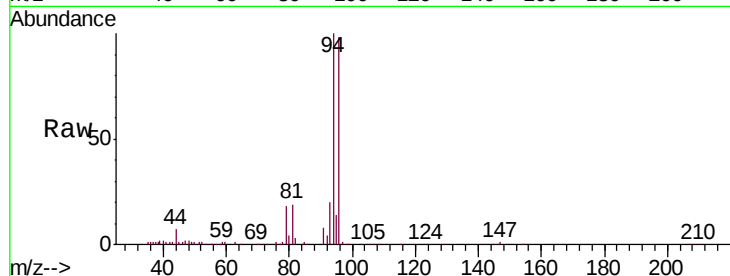
CPSB-07(15-20)MSD

Tgt Ion: 94 Resp: 39475

Ion Ratio Lower Upper

94 100

96 98.1 74.1 111.1



#6

Chloroethane

Concen: 60.805 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008201.D

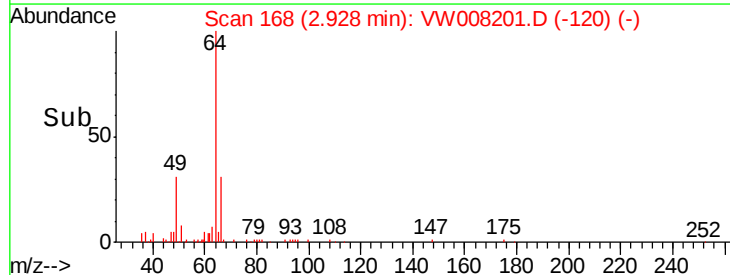
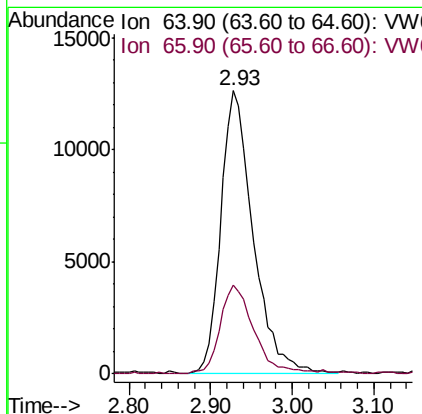
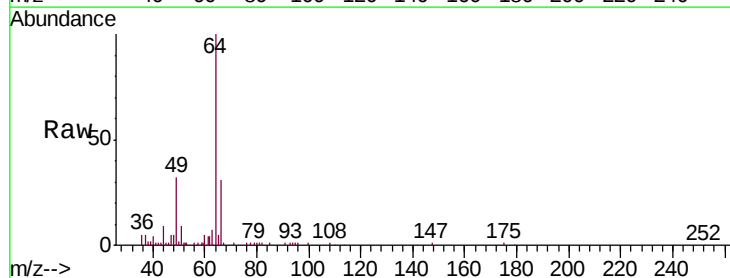
Acq: 11 Jan 2019 18:25

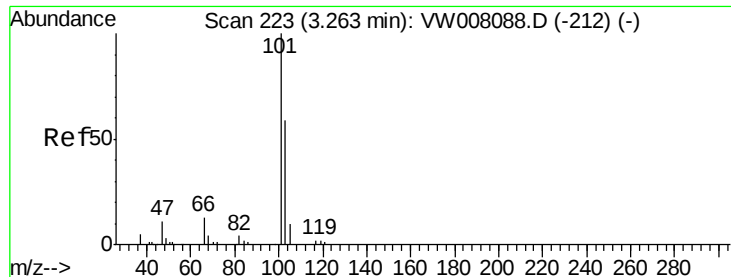
Tgt Ion: 64 Resp: 34806

Ion Ratio Lower Upper

64 100

66 31.2 24.2 36.2



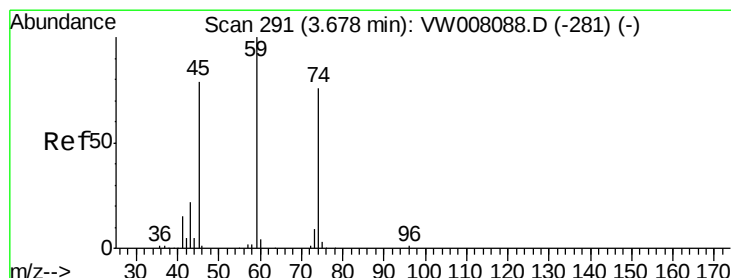
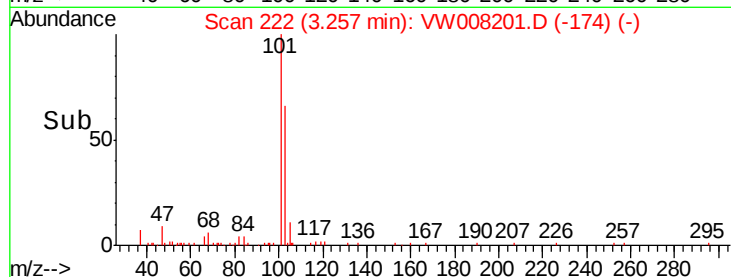
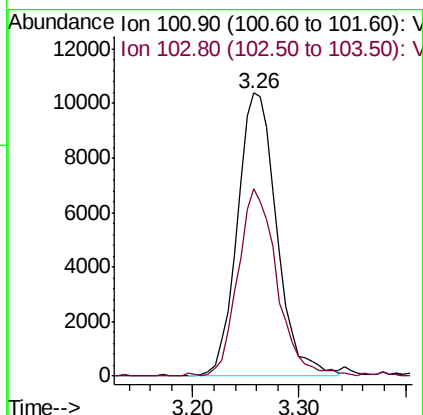
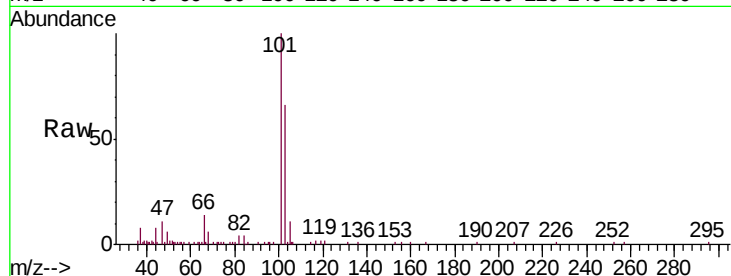


#7

Trichlorofluoromethane
 Concen: 43.605 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
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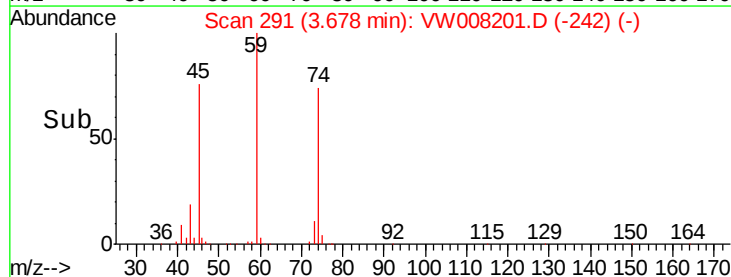
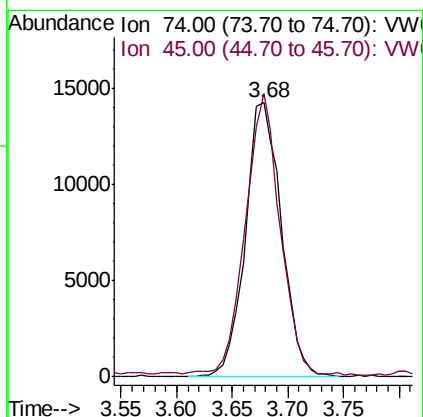
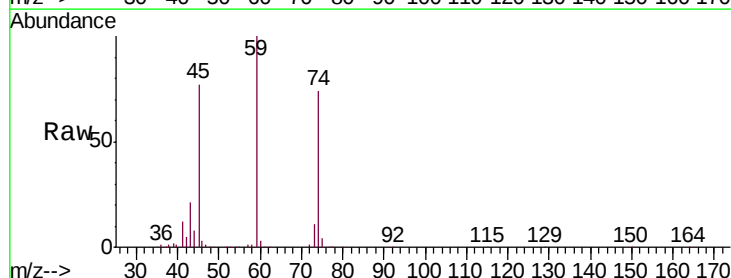
Tgt Ion:101 Resp: 26967
 Ion Ratio Lower Upper
 101 100
 103 65.2 47.0 70.6

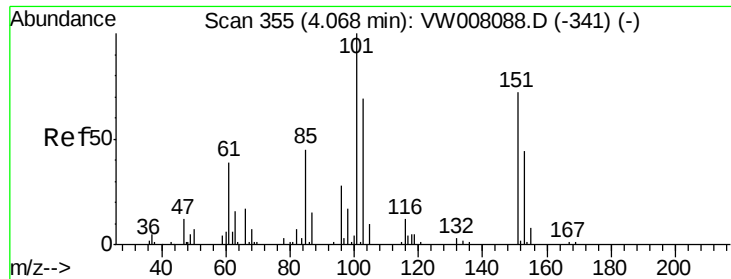


#8

Diethyl Ether
 Concen: 92.021 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008201.D
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Tgt Ion: 74 Resp: 32172
 Ion Ratio Lower Upper
 74 100
 45 97.9 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.851 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW008201.D

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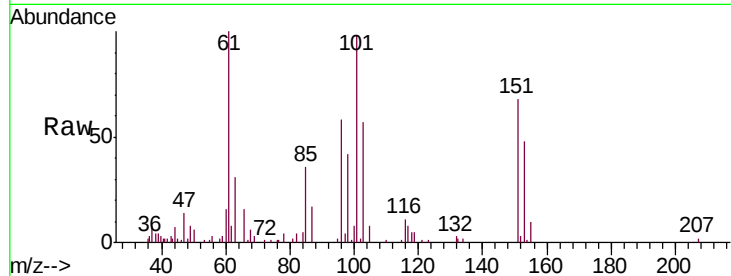
Tgt Ion:101 Resp: 18943

Ion Ratio Lower Upper

101 100

85 40.8 35.9 53.9

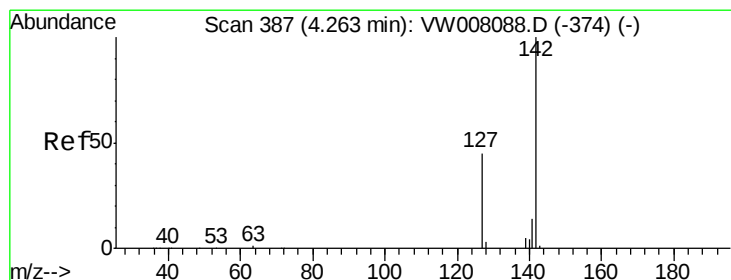
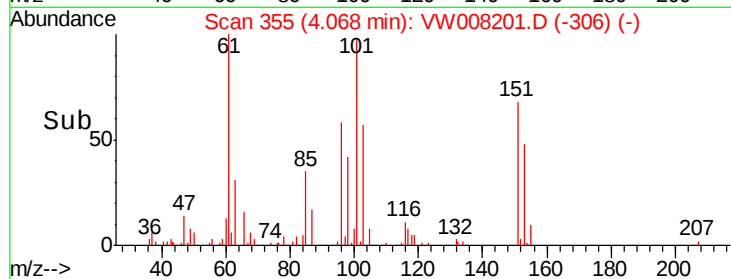
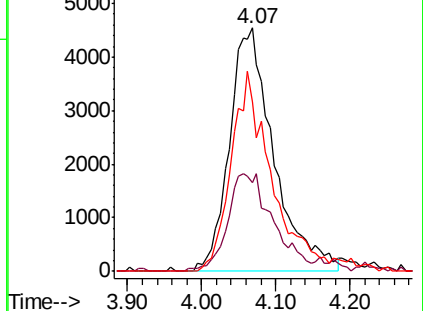
151 74.1 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 72.458 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

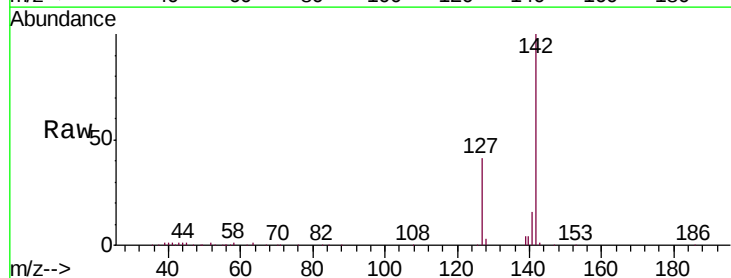
Tgt Ion:142 Resp: 64842

Ion Ratio Lower Upper

142 100

127 43.2 35.0 52.4

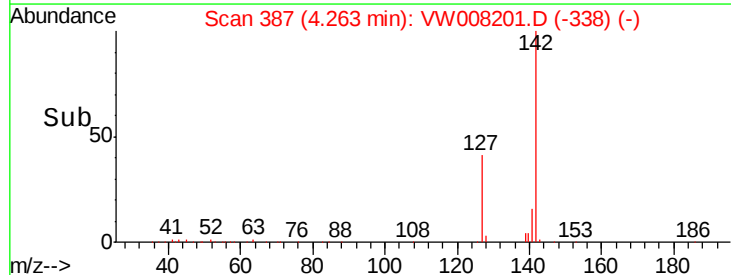
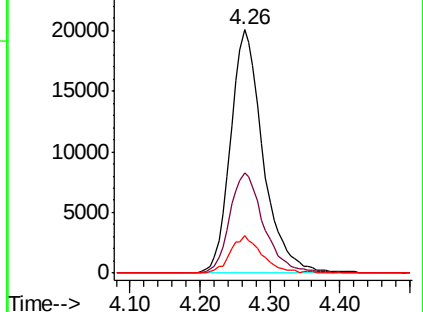
141 15.0 11.8 17.6

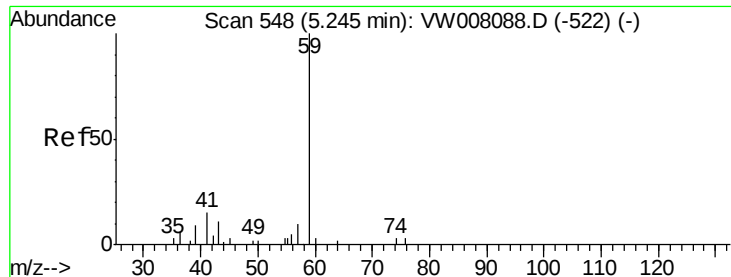


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

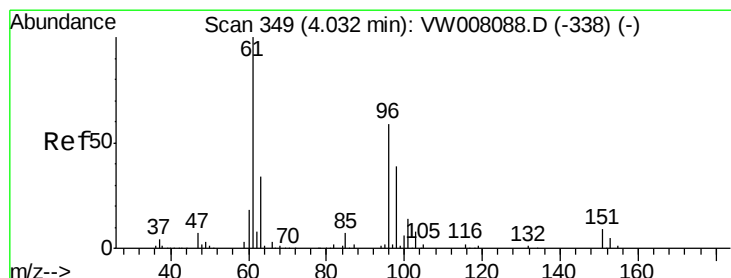
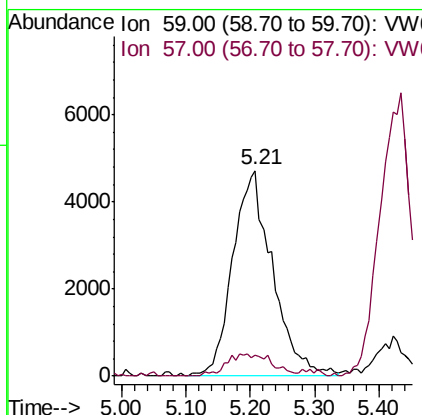
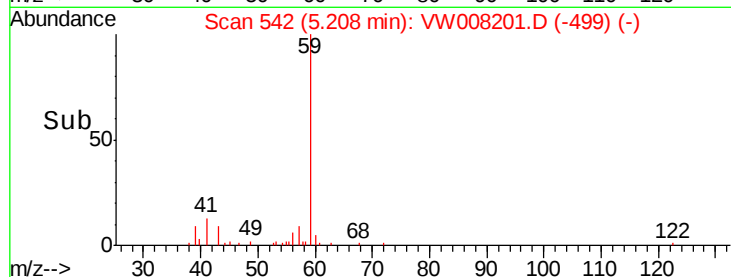
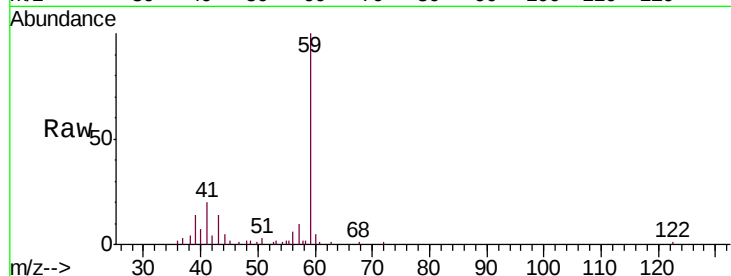




#11
Tert butyl alcohol
Concen: 569.132 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.04 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

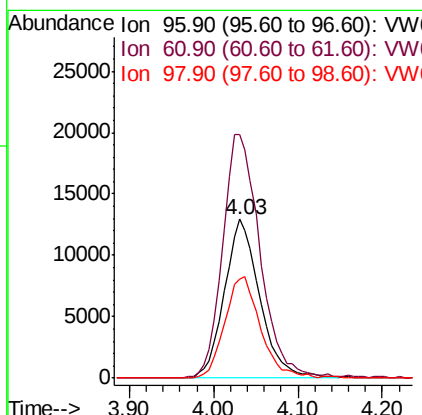
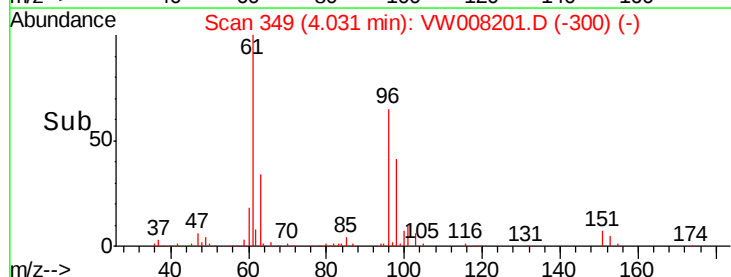
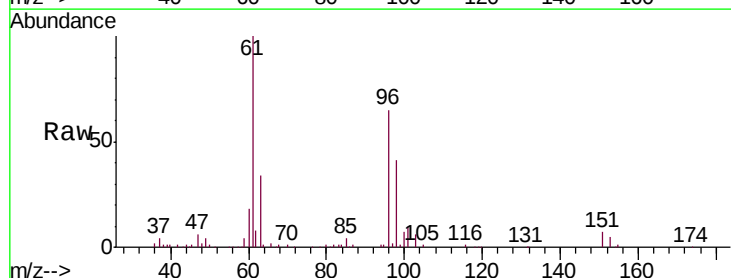
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

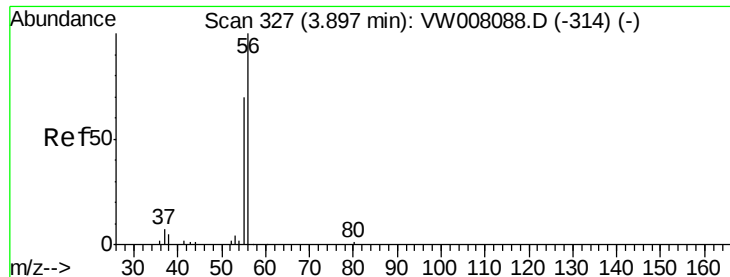
Tgt Ion: 59 Resp: 20258
Ion Ratio Lower Upper
59 100
57 12.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 61.390 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion: 96 Resp: 37008
Ion Ratio Lower Upper
96 100
61 152.5 135.4 203.2
98 62.2 52.5 78.7





#13

Acrolein

Concen: 273.388 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

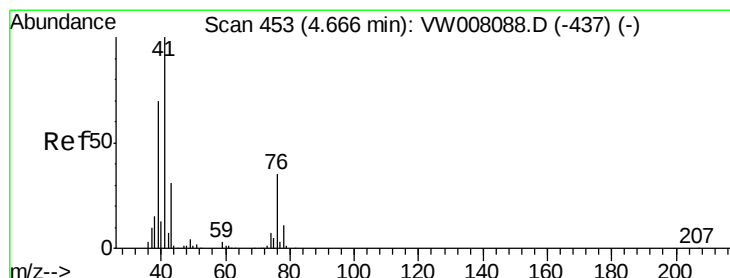
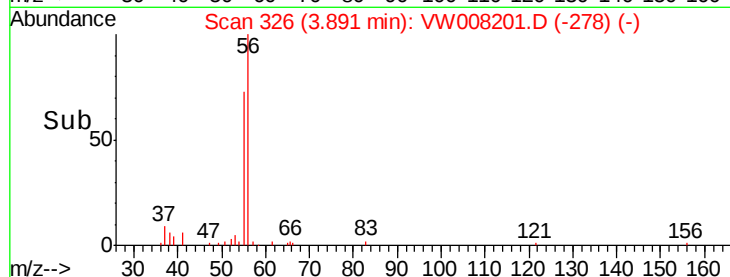
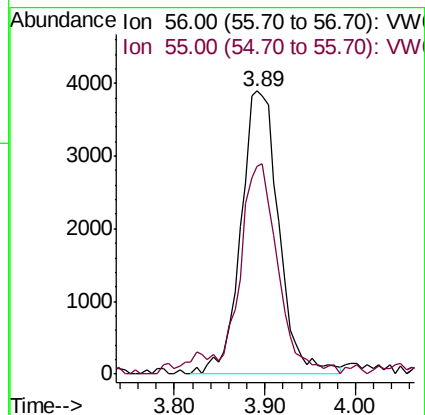
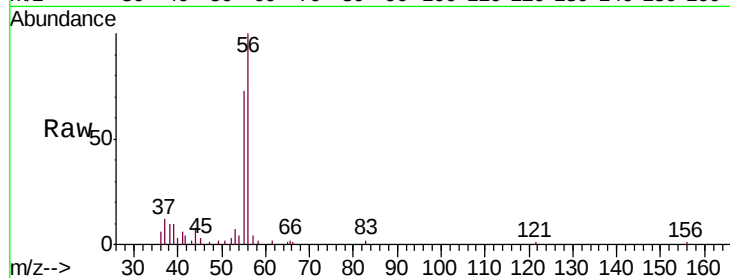
CPSB-07(15-20)MSD

Tgt Ion: 56 Resp: 11255

Ion Ratio Lower Upper

56 100

55 72.3 56.6 84.8



#14

Allyl chloride

Concen: 64.572 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

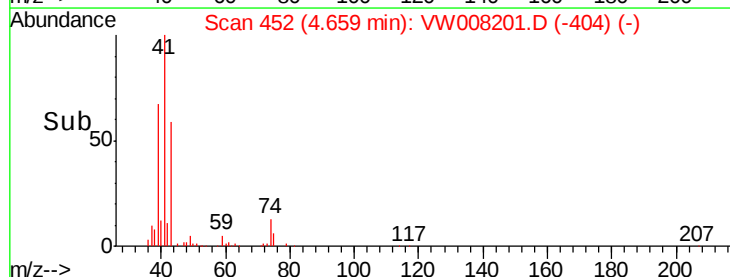
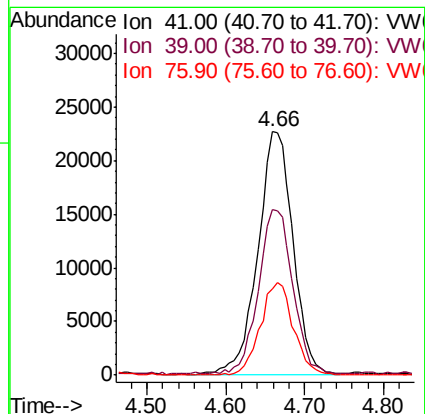
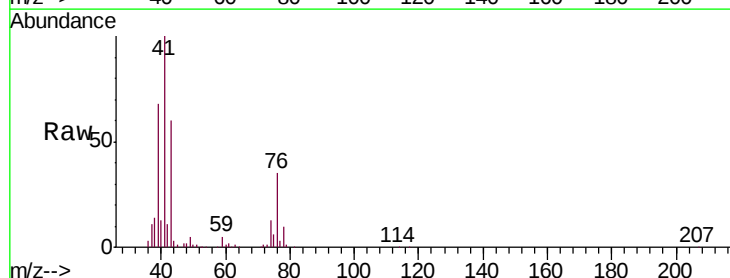
Tgt Ion: 41 Resp: 70675

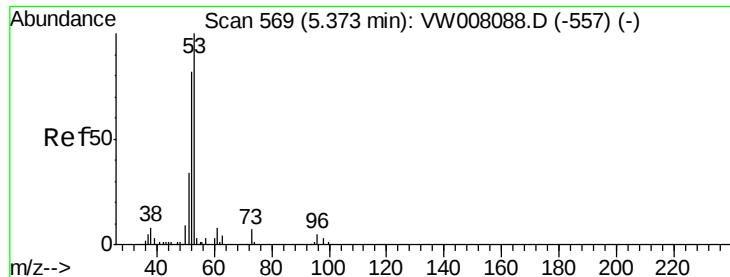
Ion Ratio Lower Upper

41 100

39 64.9 53.8 80.8

76 35.7 27.6 41.4





#15

Acrylonitrile

Concen: 503.277 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

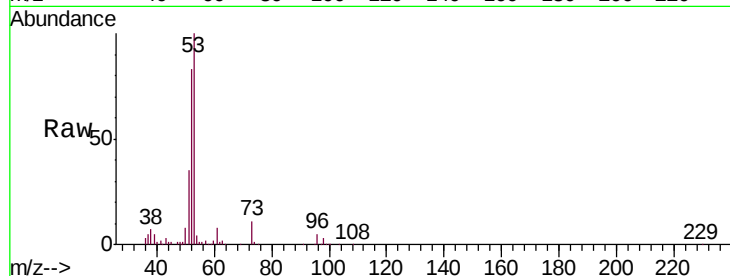
Tgt Ion: 53 Resp: 66989

Ion Ratio Lower Upper

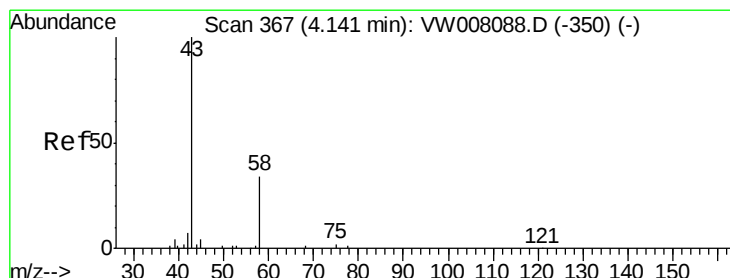
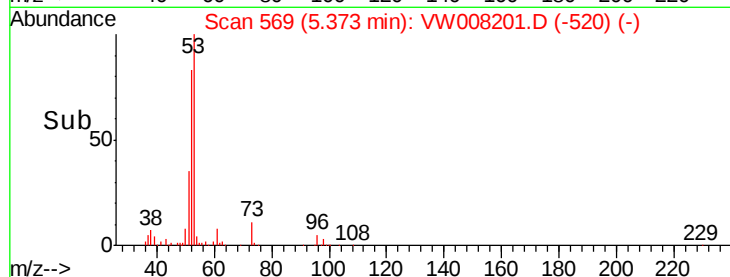
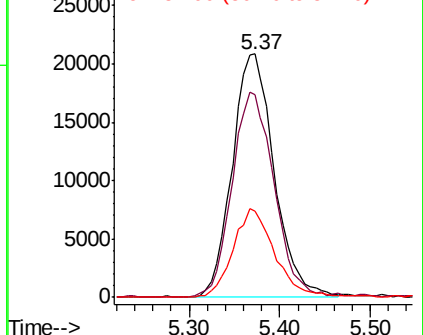
53 100

52 84.3 66.8 100.2

51 36.2 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: 687.555 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008201.D

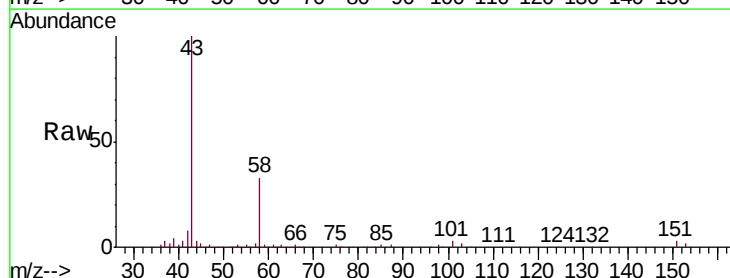
Acq: 11 Jan 2019 18:25

Tgt Ion: 43 Resp: 72346

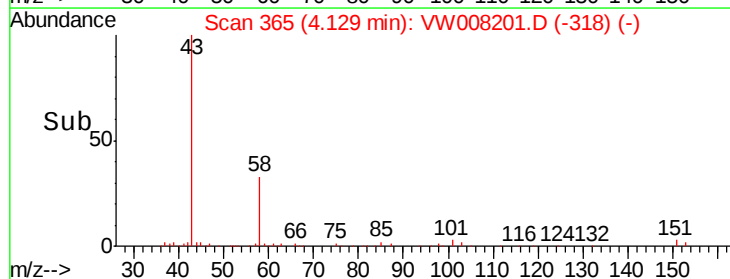
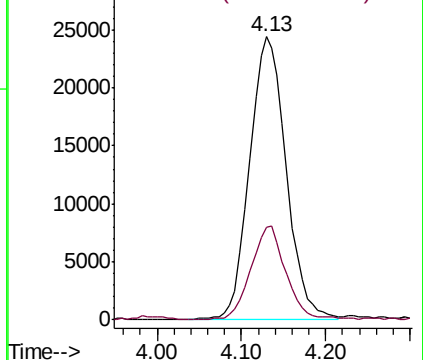
Ion Ratio Lower Upper

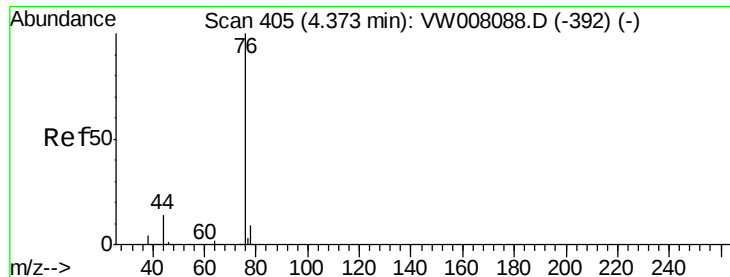
43 100

58 32.3 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: 55.875 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

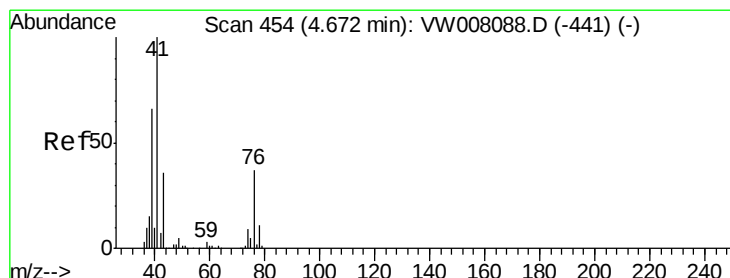
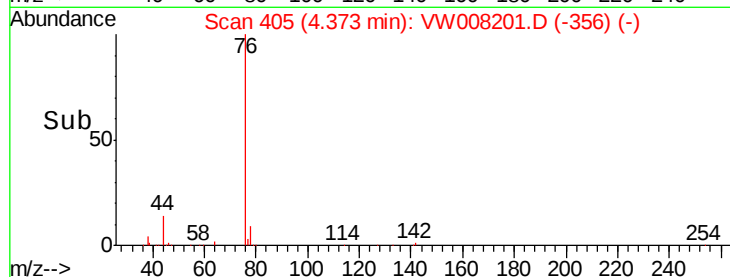
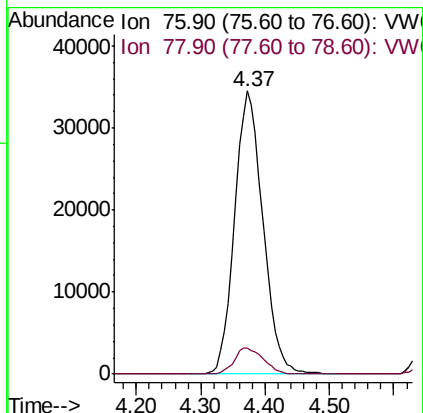
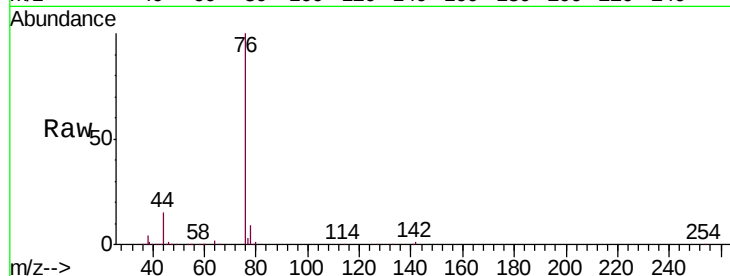
CPSB-07(15-20)MSD

Tgt Ion: 76 Resp: 105223

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 124.256 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008201.D

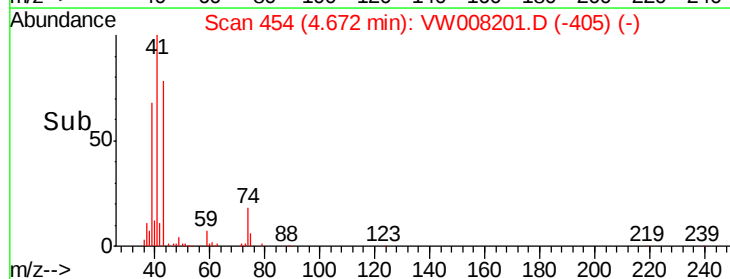
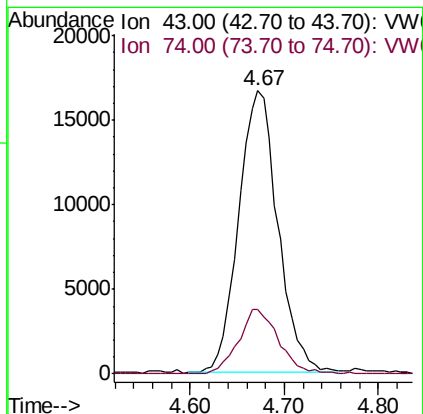
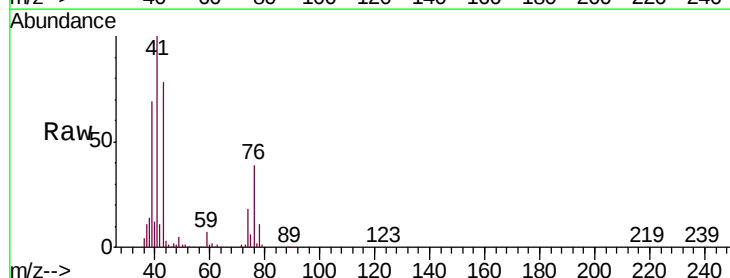
Acq: 11 Jan 2019 18:25

Tgt Ion: 43 Resp: 48588

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.4



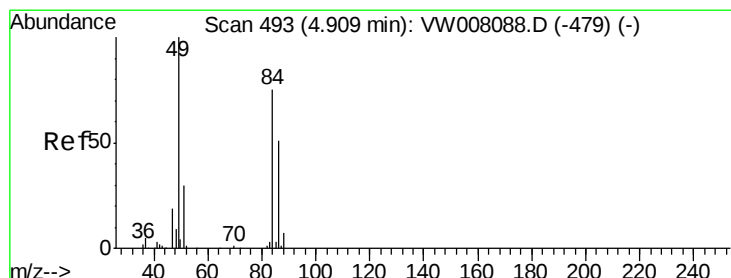
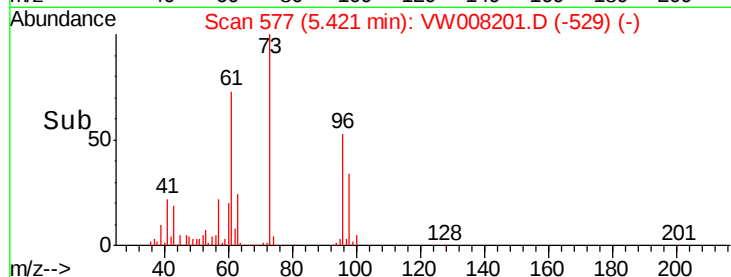
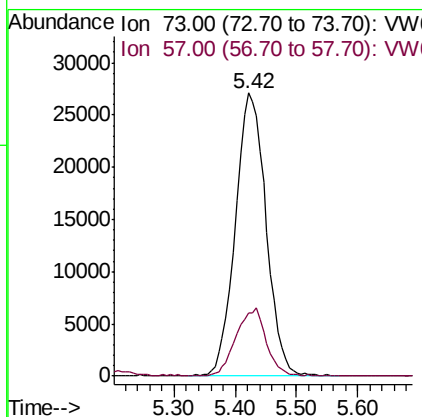
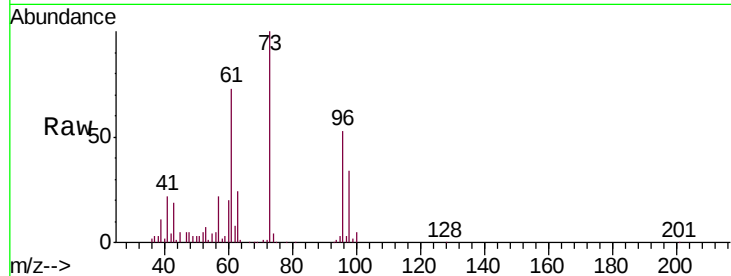


#19

Methyl tert-butyl Ether
 Concen: 96.237 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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

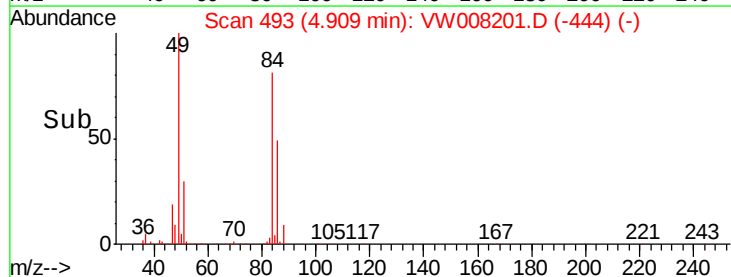
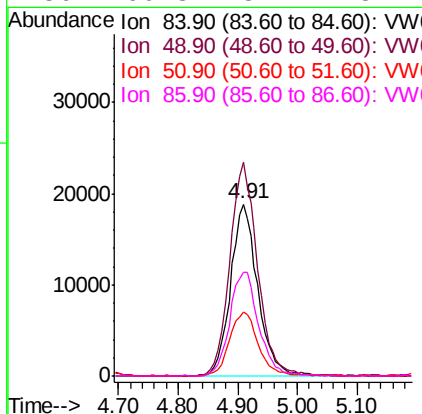
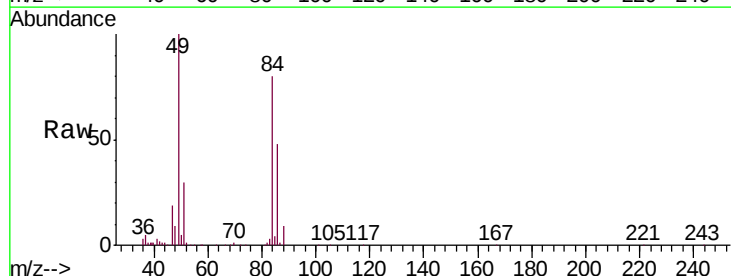
Tgt Ion: 73 Resp: 94316
 Ion Ratio Lower Upper
 73 100
 57 22.4 16.7 25.1

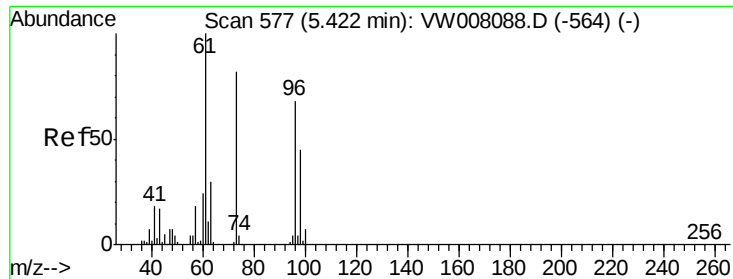


#20

Methylene Chloride
 Concen: 103.101 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion: 84 Resp: 59693
 Ion Ratio Lower Upper
 84 100
 49 124.4 107.1 160.7
 51 37.2 32.4 48.6
 86 60.3 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 66.271 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

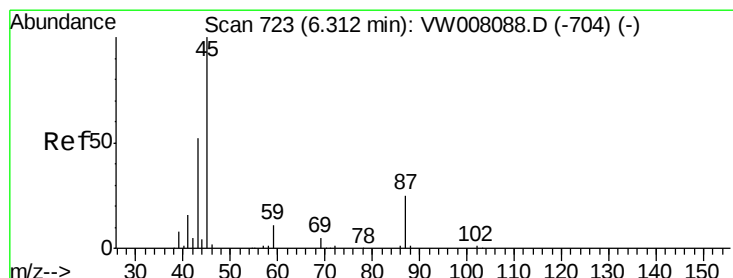
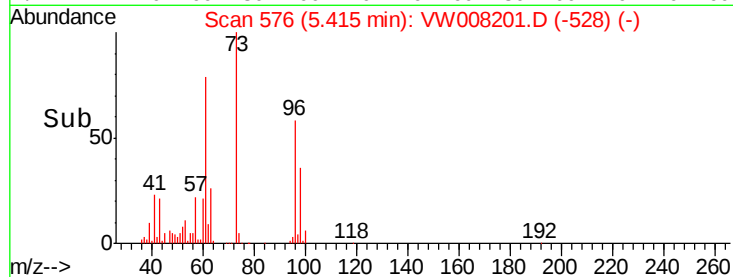
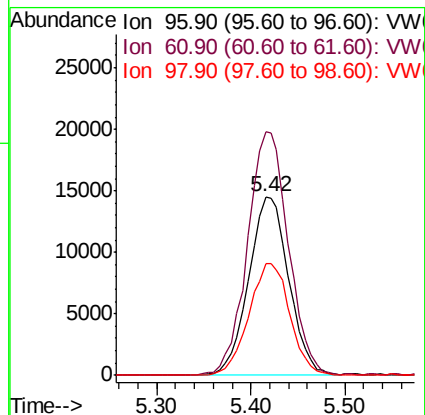
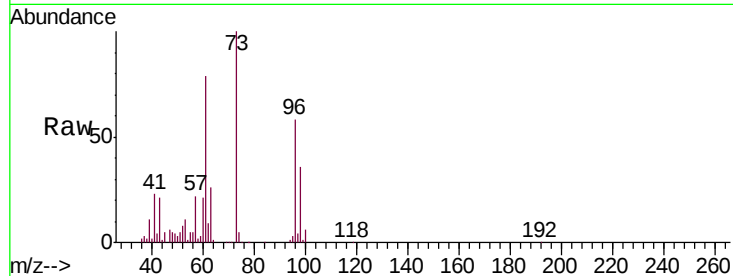
Tgt Ion: 96 Resp: 43415

Ion Ratio Lower Upper

96 100

61 136.1 117.4 176.0

98 62.2 52.2 78.4



#22

Diisopropyl ether

Concen: 86.834 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion: 45 Resp: 181260

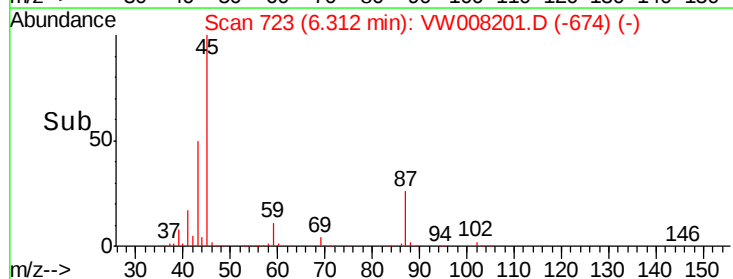
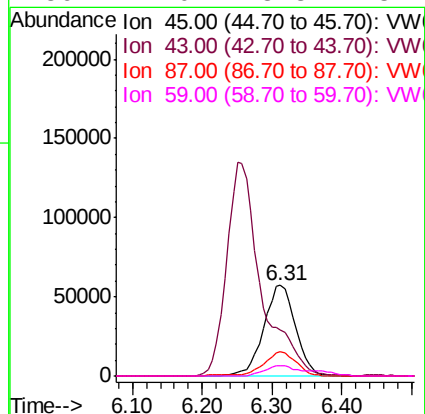
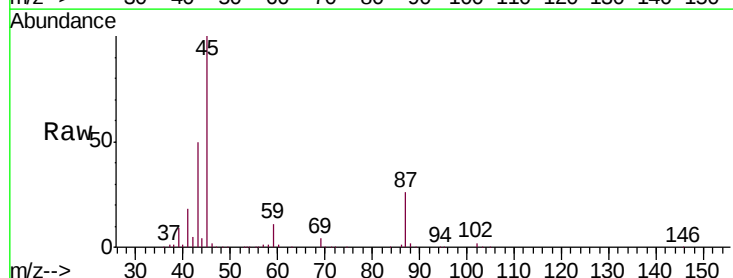
Ion Ratio Lower Upper

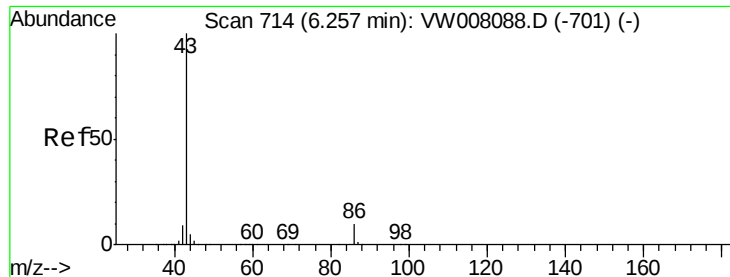
45 100

43 50.0 41.7 62.5

87 26.1 20.1 30.1

59 11.0 8.8 13.2

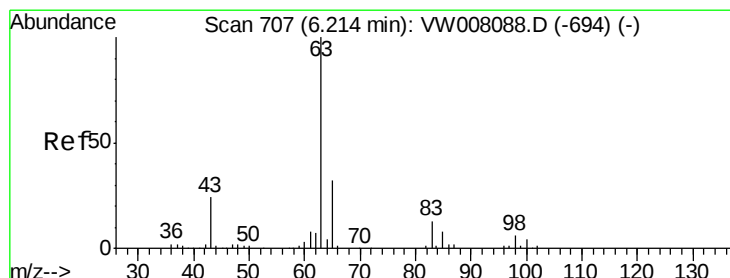
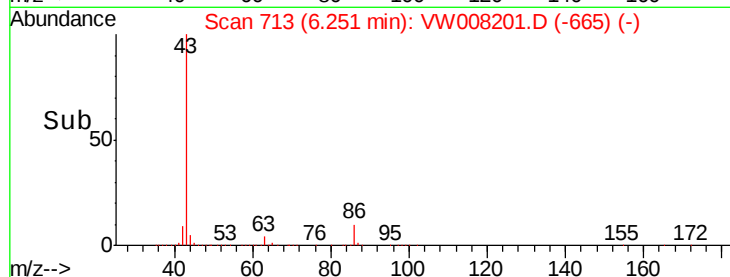
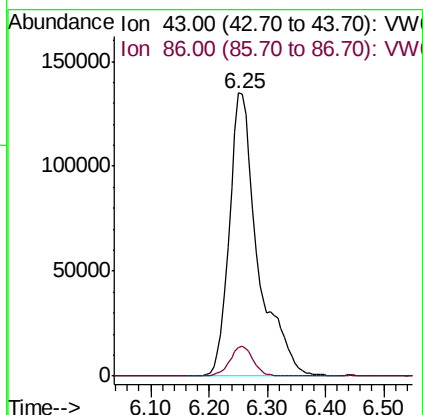
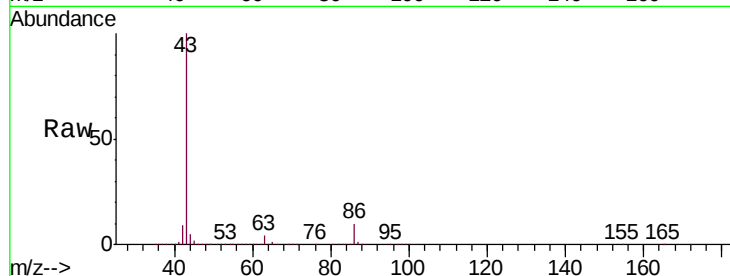




#23
 Vinyl Acetate
 Concen: 420.458 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

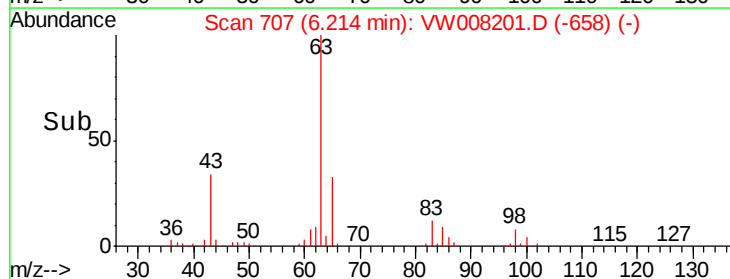
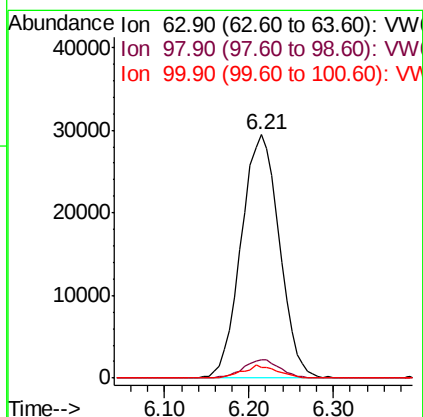
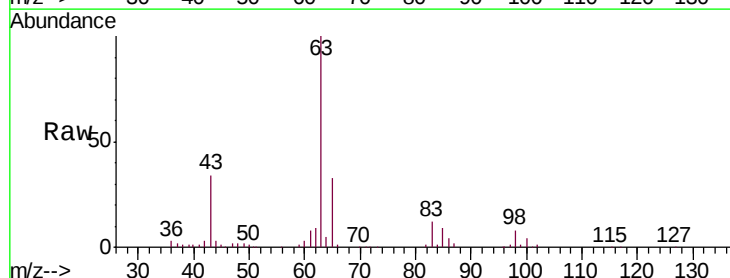
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

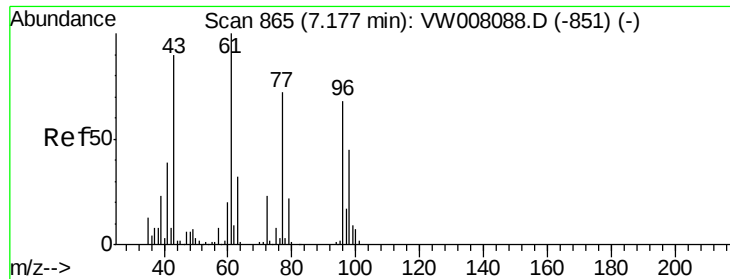
Tgt Ion: 43 Resp: 460952
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 74.416 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion: 63 Resp: 90509
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.2 9.6
 100 4.3 2.0 6.0

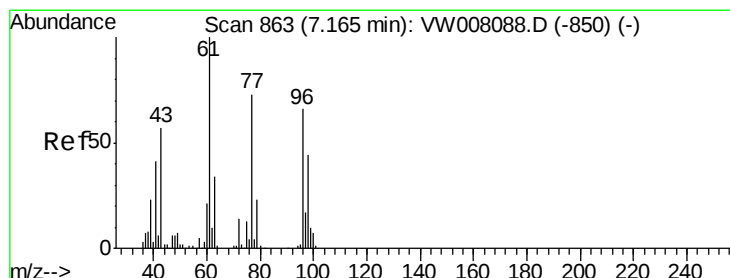
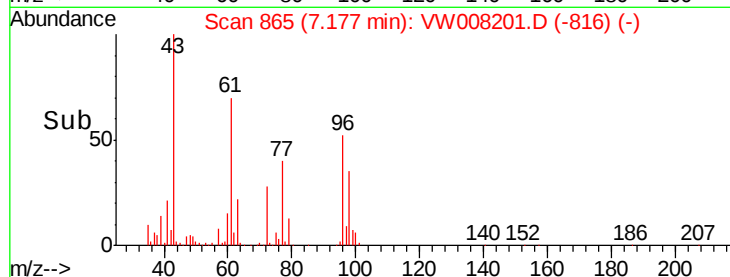
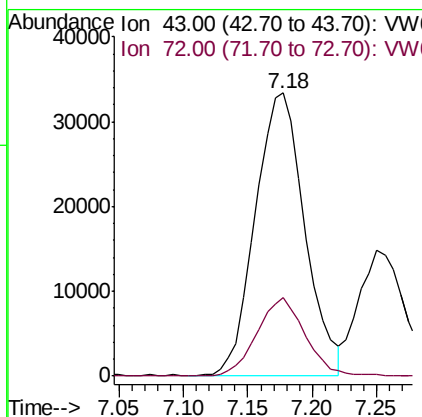
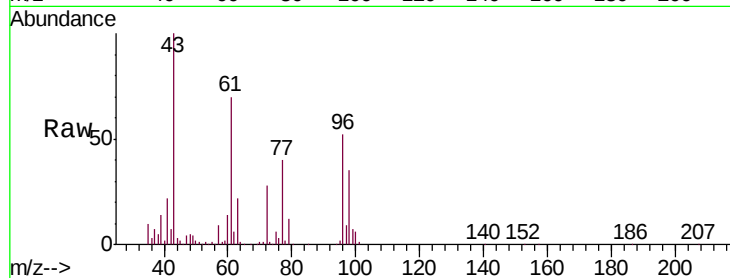




#25
2-Butanone
Concen: 514.355 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

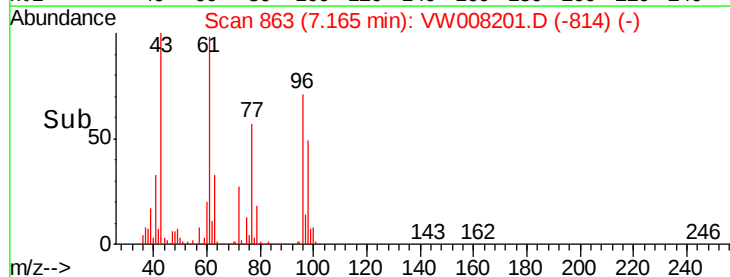
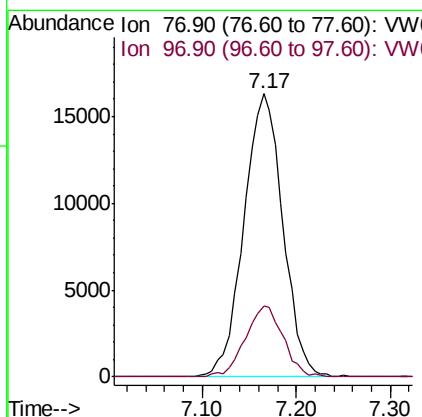
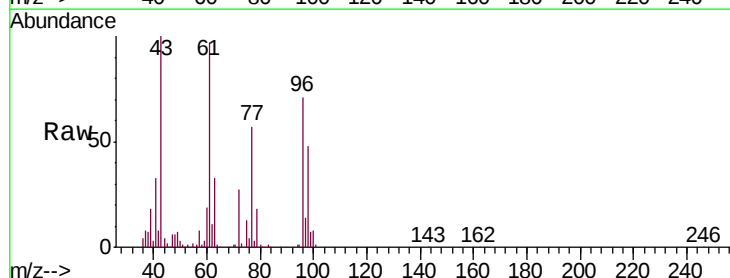
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

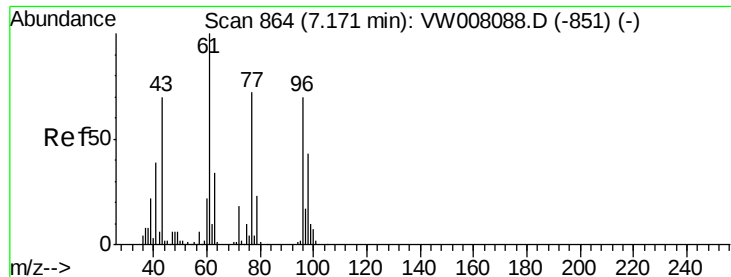
Tgt Ion: 43 Resp: 88541
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 57.000 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion: 77 Resp: 46974
Ion Ratio Lower Upper
77 100
97 24.5 11.4 34.1

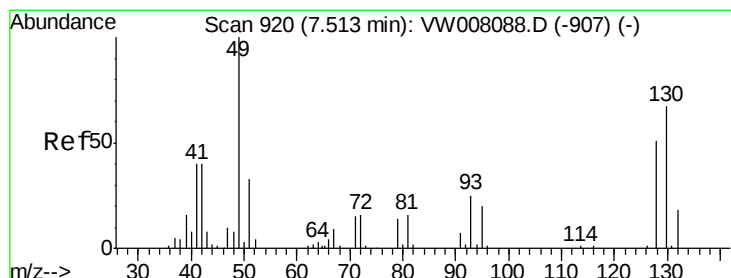
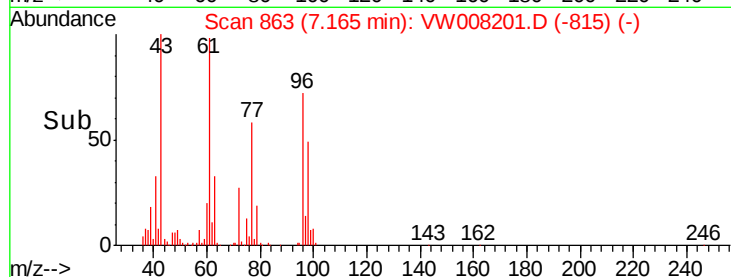
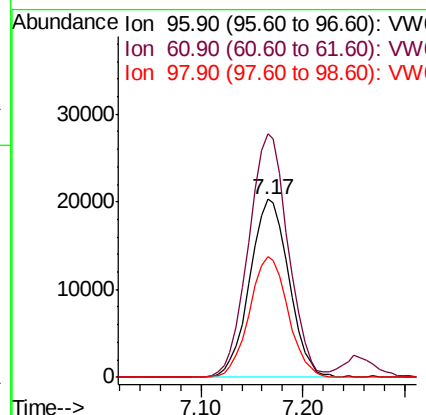
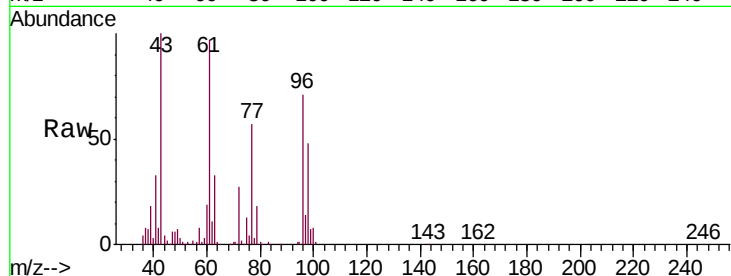




#27
 cis-1,2-Dichloroethene
 Concen: 75.744 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

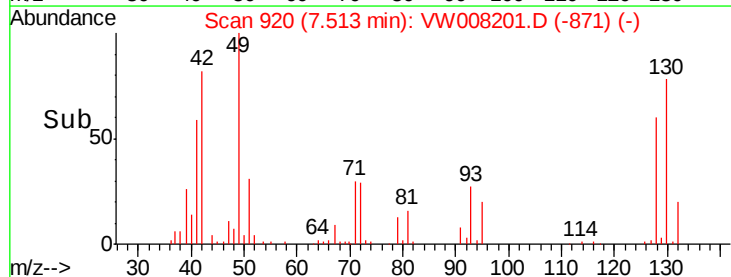
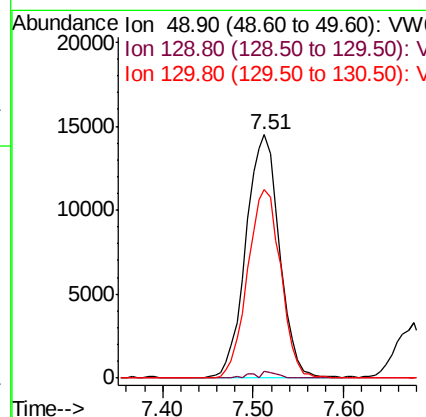
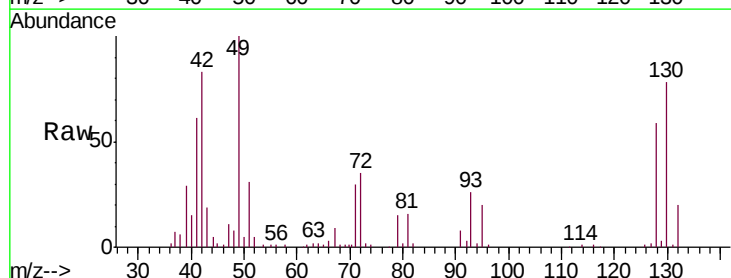
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

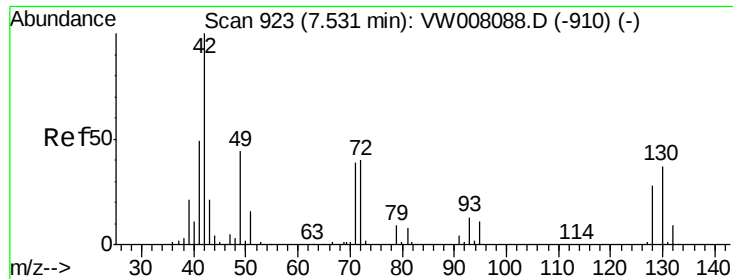
Tgt Ion: 96 Resp: 54139
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 300.4
 98 67.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 77.292 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion: 49 Resp: 37183
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.8
 130 76.6 54.3 81.5

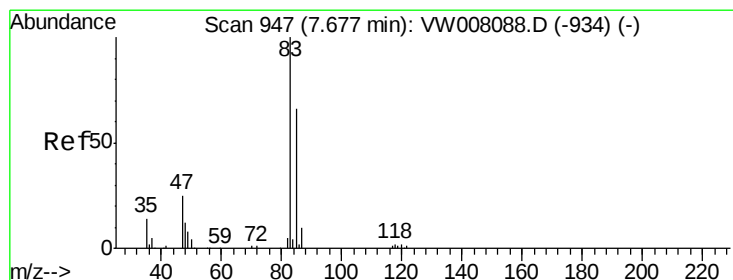
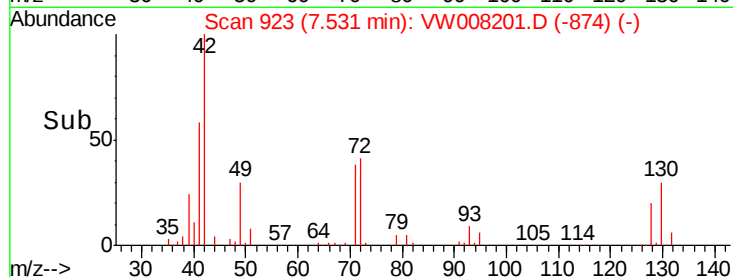
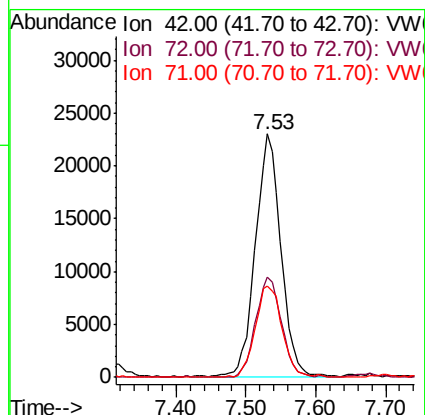
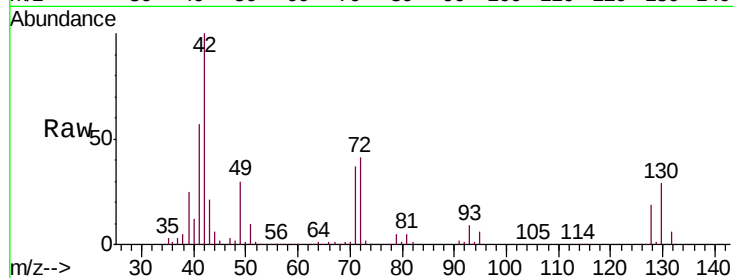




#29
Tetrahydrofuran
Concen: 512.398 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

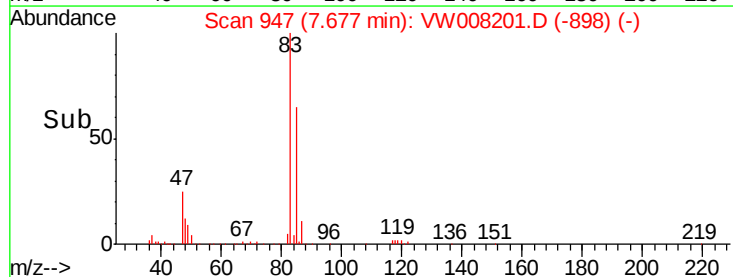
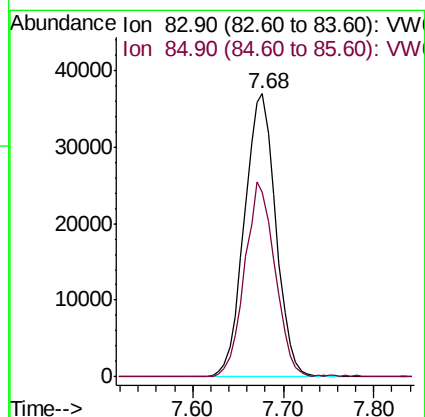
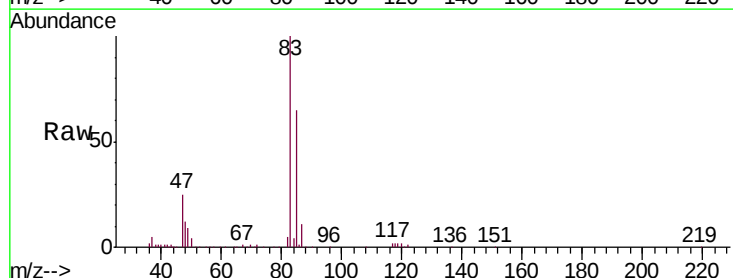
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

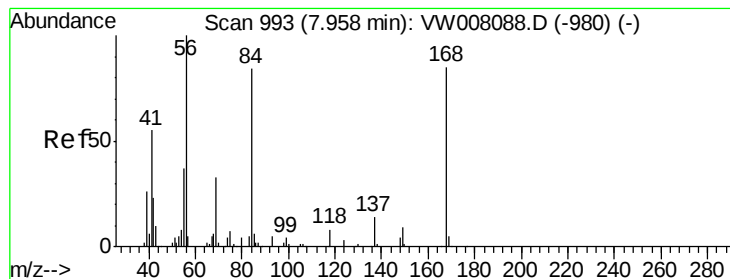
Tgt Ion: 42 Resp: 58919
Ion Ratio Lower Upper
42 100
72 41.4 32.4 48.6
71 39.2 31.3 46.9



#30
Chloroform
Concen: 76.494 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion: 83 Resp: 88557
Ion Ratio Lower Upper
83 100
85 65.1 53.2 79.8





#31

Cyclohexane

Concen: 14.749 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

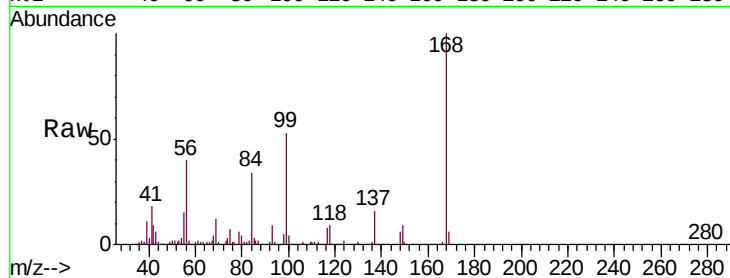
Tgt Ion: 56 Resp: 19203

Ion Ratio Lower Upper

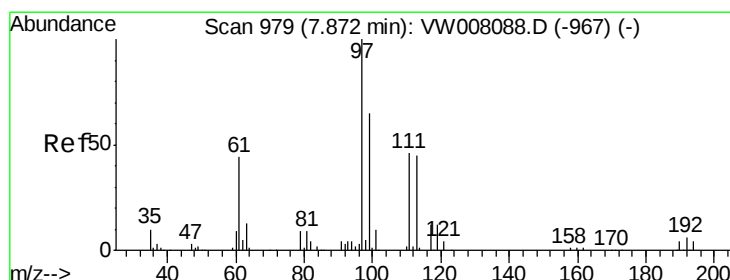
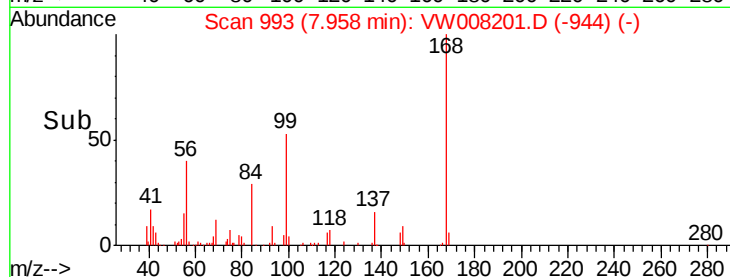
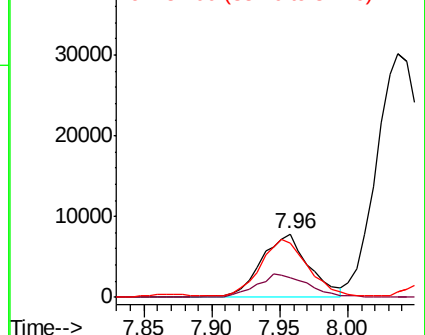
56 100

69 30.2 26.2 39.4

84 81.8 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: 52.401 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

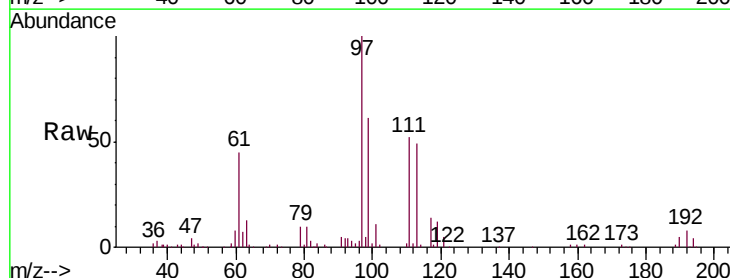
Tgt Ion: 97 Resp: 52785

Ion Ratio Lower Upper

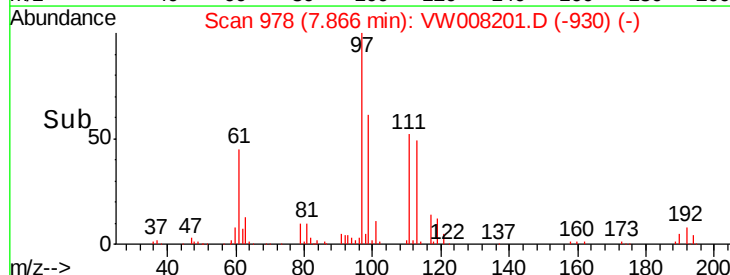
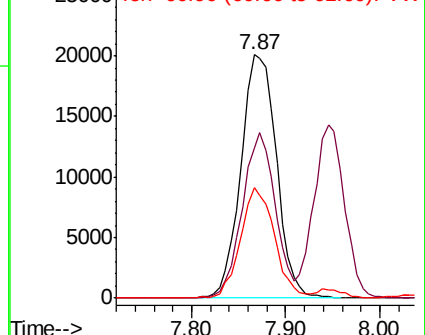
97 100

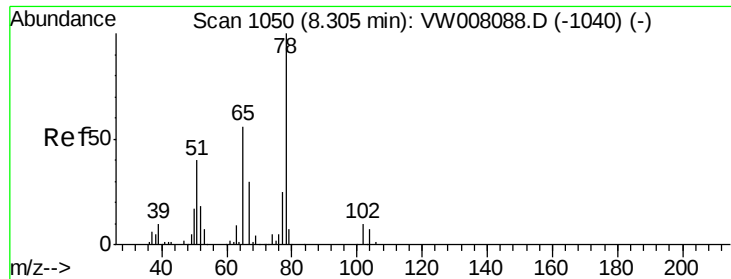
99 63.3 51.4 77.0

61 43.5 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

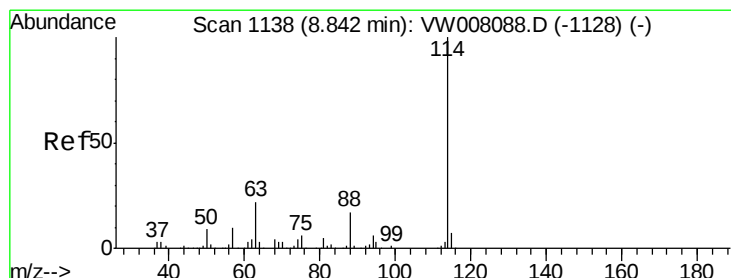
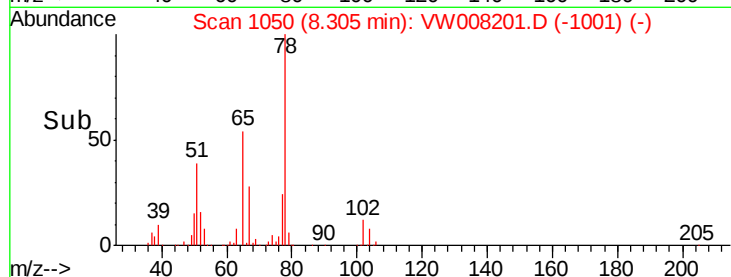
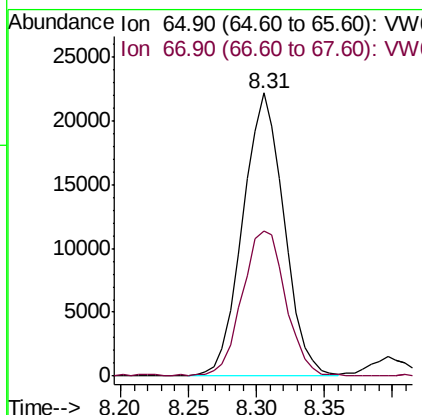
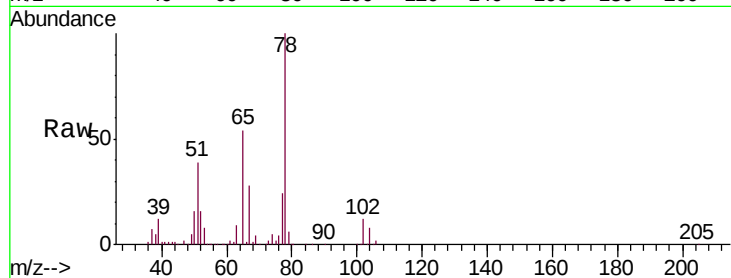




#33
 1,2-Dichloroethane-d4
 Concen: 76.175 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

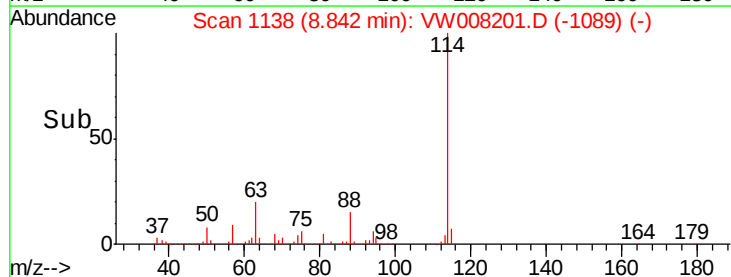
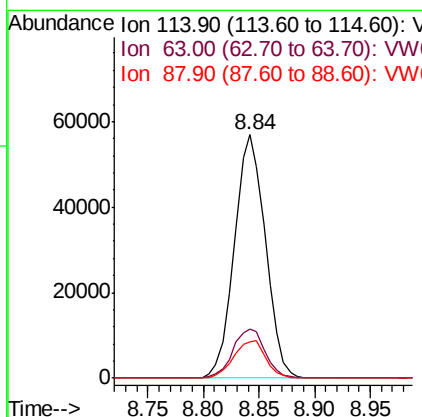
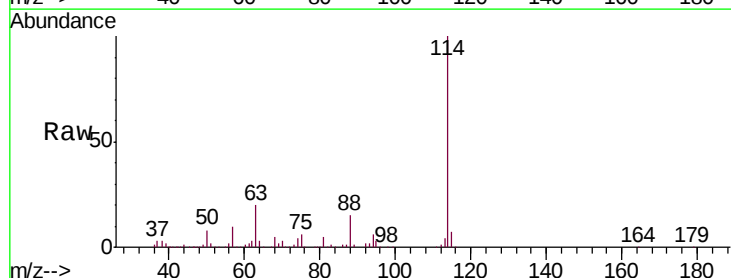
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

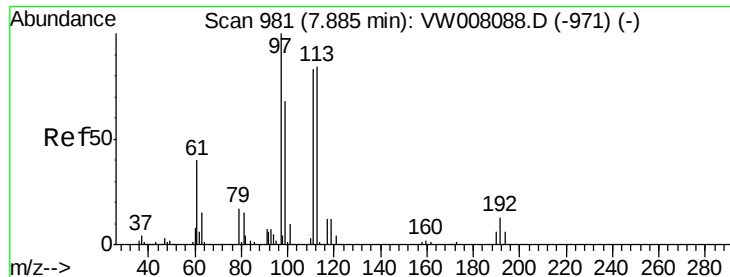
Tgt Ion: 65 Resp: 47129
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion: 114 Resp: 109626
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.4
 88 14.9 0.0 33.4

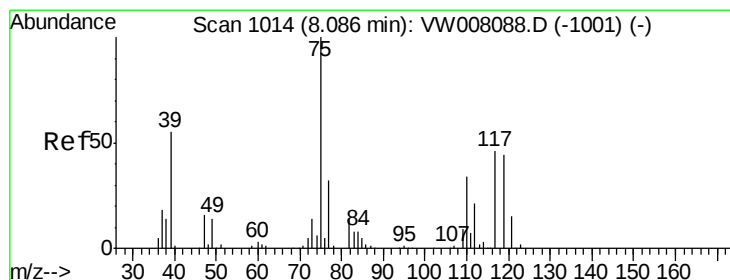
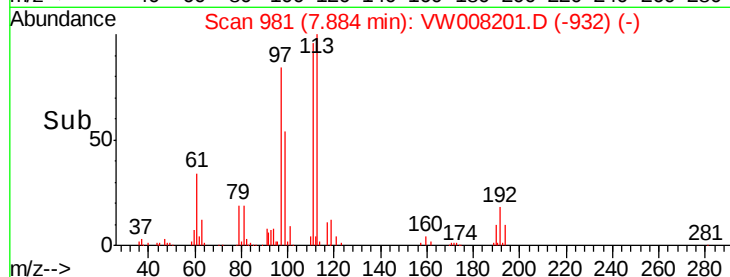
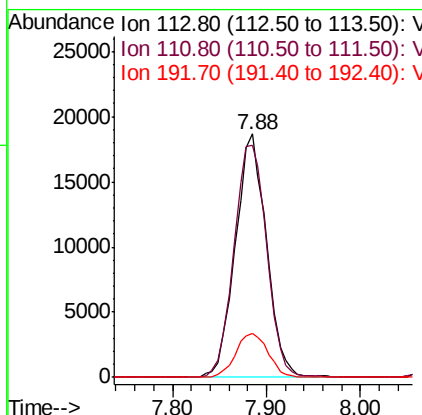
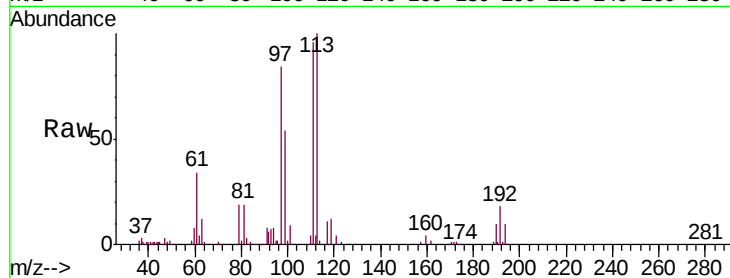




#35
 Dibromofluoromethane
 Concen: 67.337 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

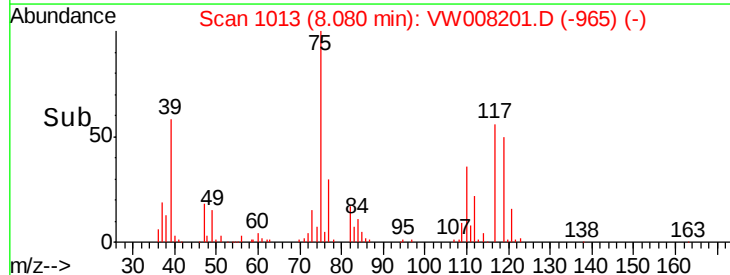
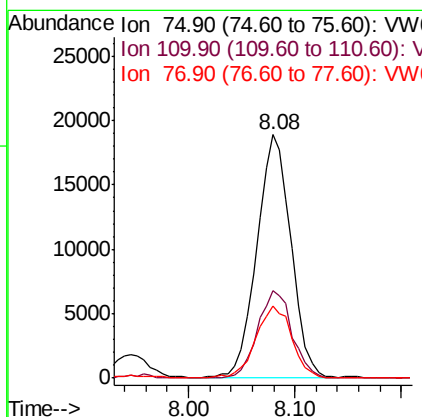
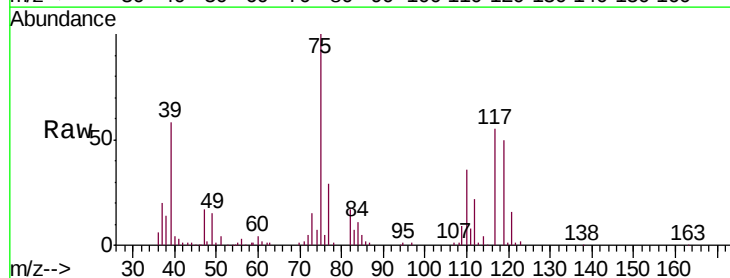
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

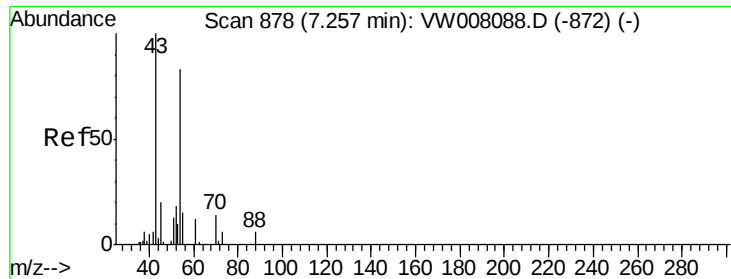
Tgt Ion: 113 Resp: 43054
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.8 122.8
 192 18.9 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 37.673 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion: 75 Resp: 42543
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.1 51.3
 77 31.2 25.5 38.3

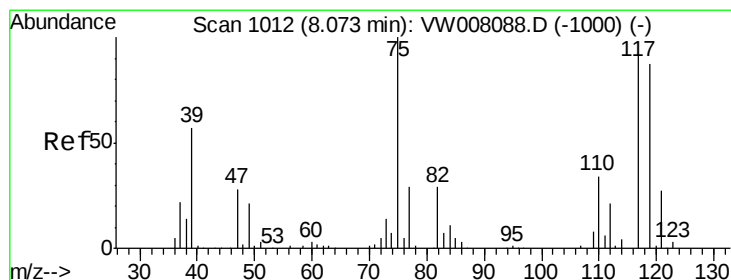
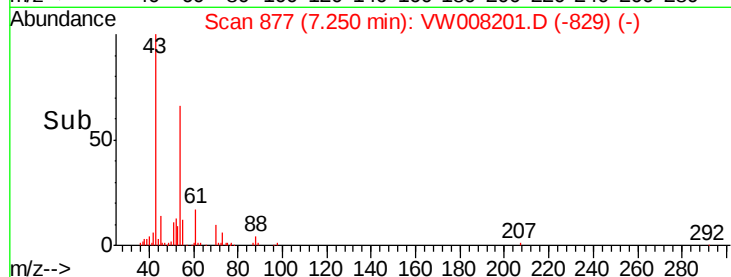
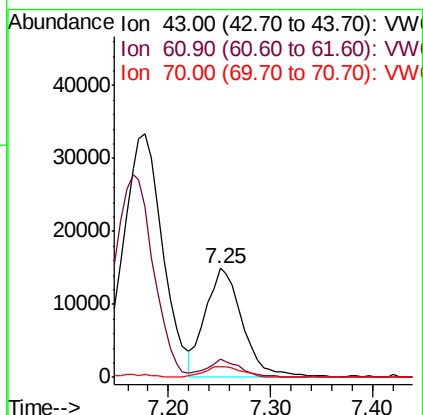
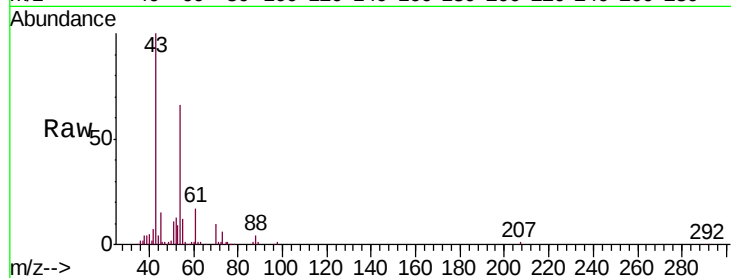




#37
Ethyl Acetate
Concen: 82.539 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

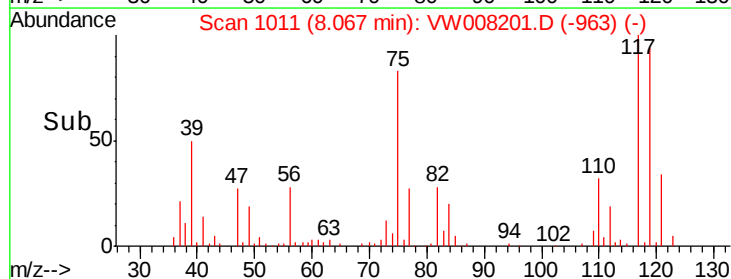
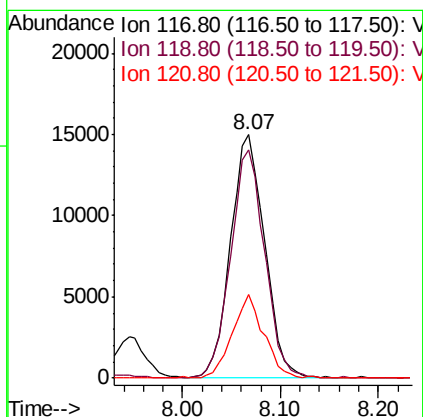
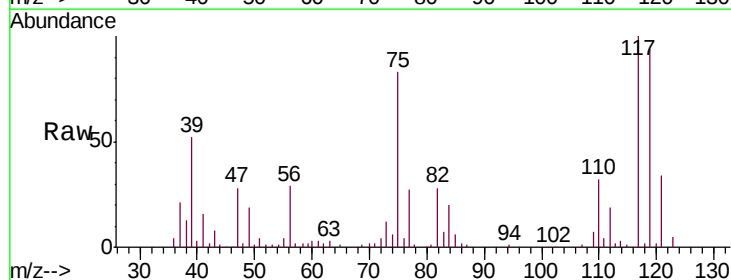
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

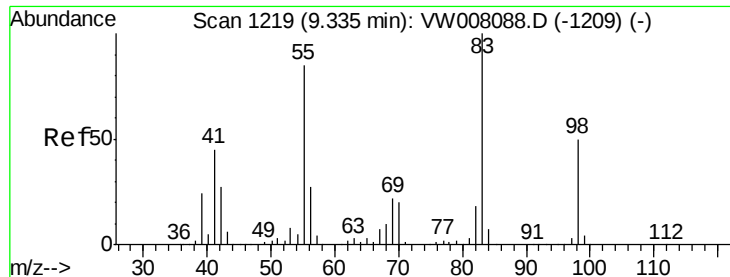
Tgt Ion: 43 Resp: 37342
Ion Ratio Lower Upper
43 100
61 15.1 10.6 16.0
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 35.145 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion: 117 Resp: 36325
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.8
121 34.5 23.7 35.5

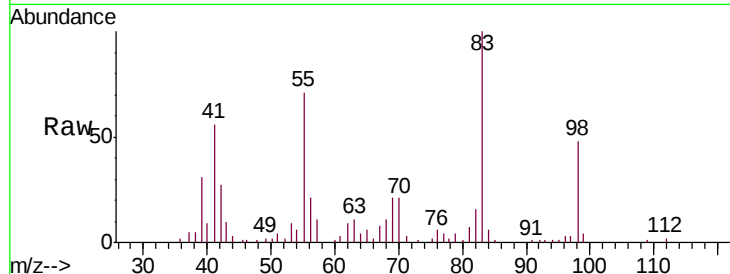




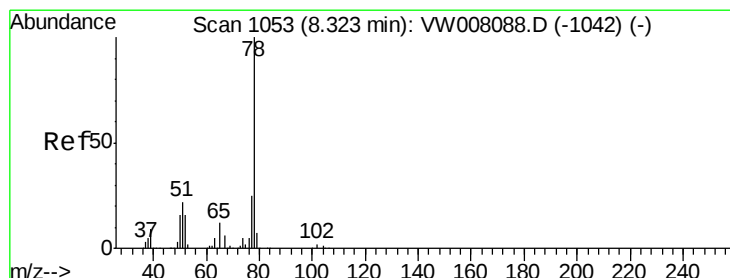
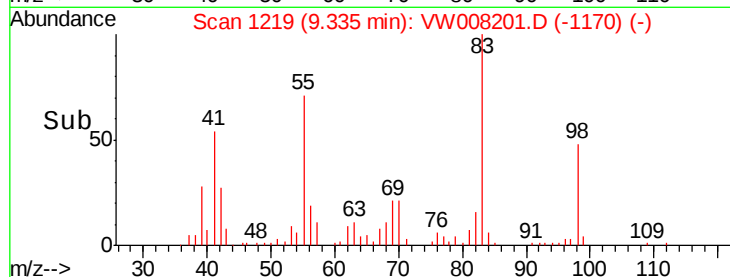
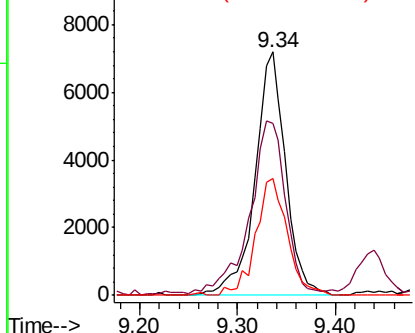
#39
Methylcyclohexane
Concen: 10.906 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tgt Ion: 83 Resp: 15616
Ion Ratio Lower Upper
83 100
55 70.0 67.8 101.6
98 48.1 40.2 60.4

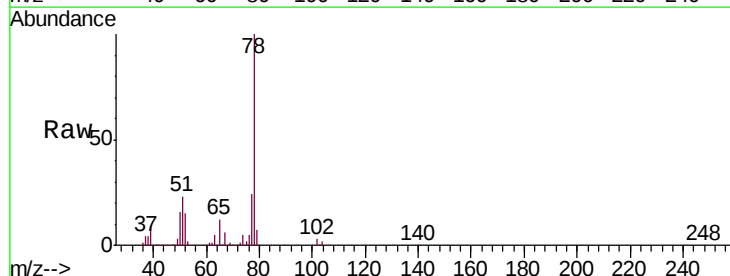


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

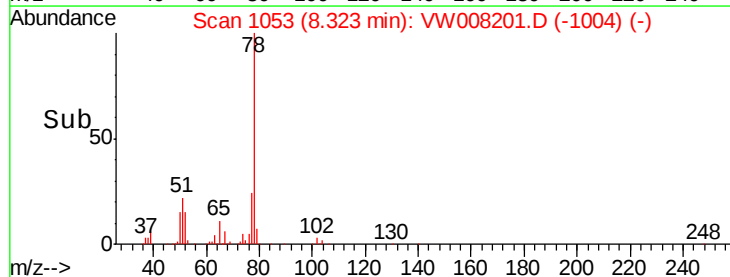
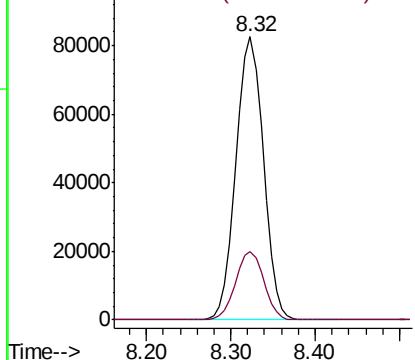


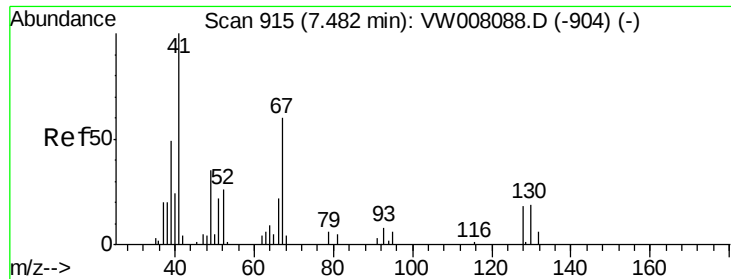
#40
Benzene
Concen: 59.310 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion: 78 Resp: 181660
Ion Ratio Lower Upper
78 100
77 24.3 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: 76.777 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tgt Ion: 41 Resp: 21942

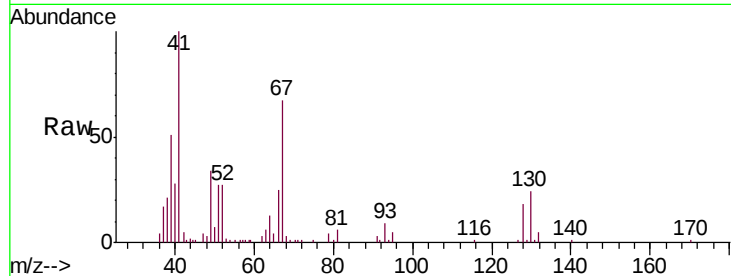
Ion Ratio Lower Upper

41 100

39 58.8 47.9 71.9

67 77.4 56.3 84.5

52 31.4 24.5 36.7

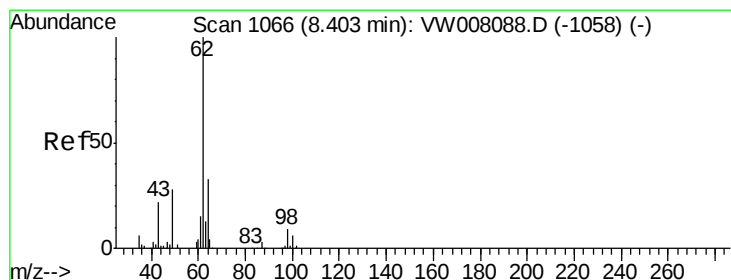
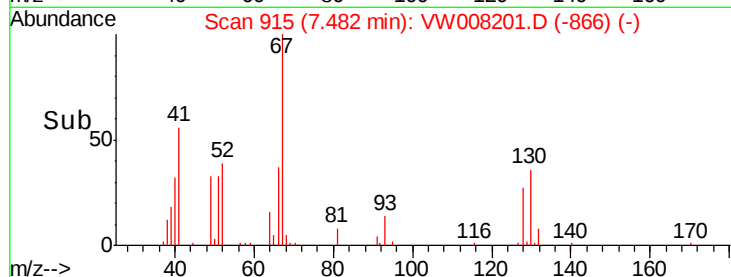
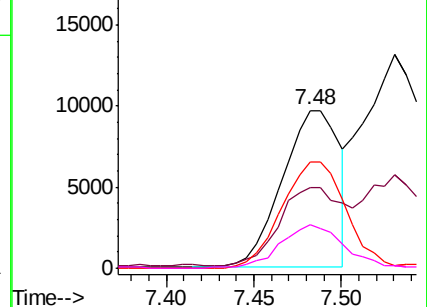


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 74.118 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW008201.D

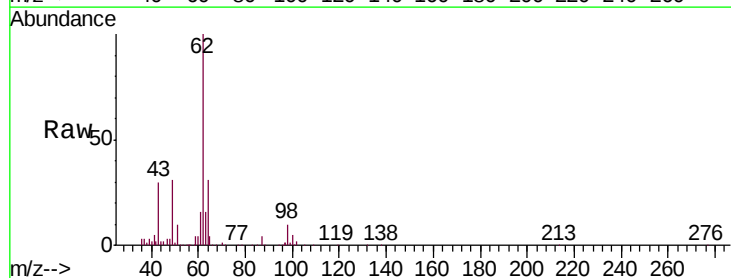
Acq: 11 Jan 2019 18:25

Tgt Ion: 62 Resp: 63849

Ion Ratio Lower Upper

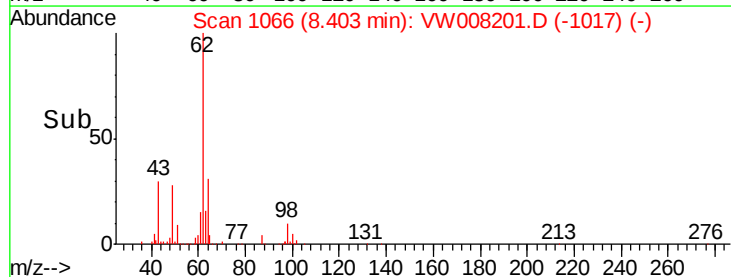
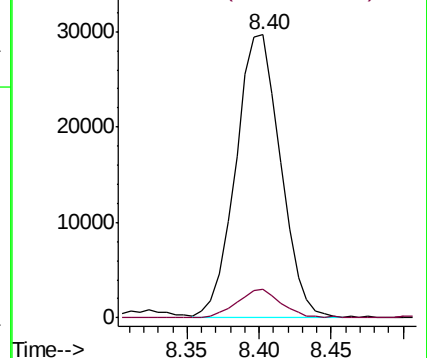
62 100

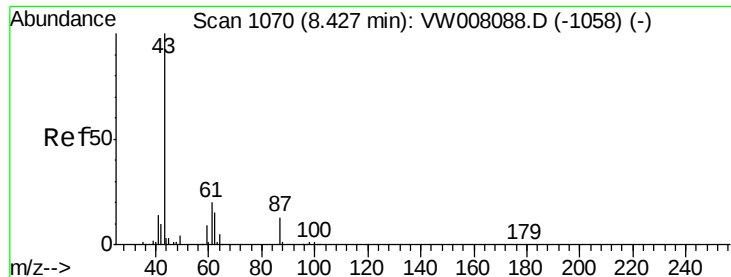
98 10.2 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 83.502 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

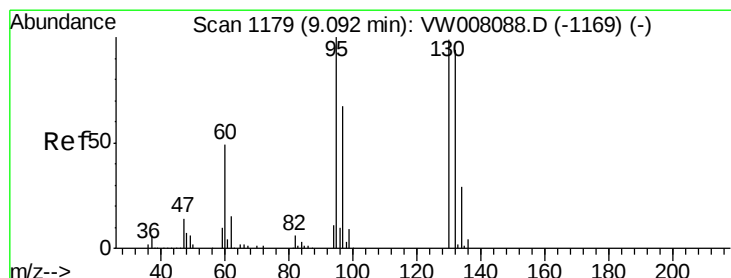
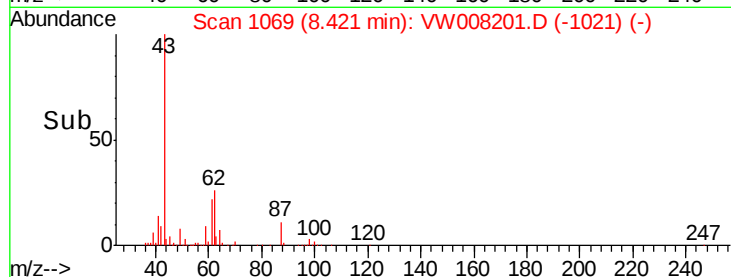
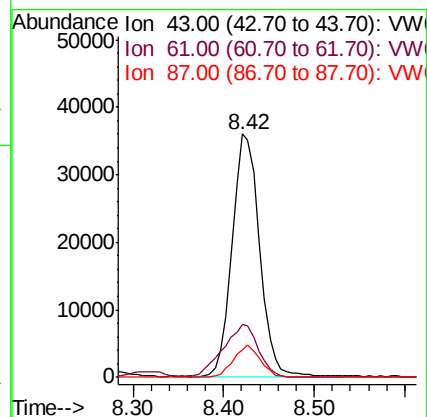
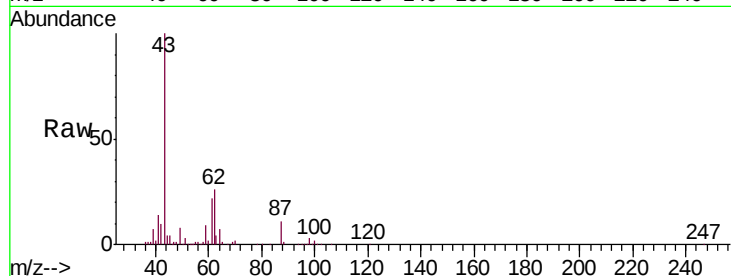
Tgt Ion: 43 Resp: 75532

Ion Ratio Lower Upper

43 100

61 27.8 24.8 37.2

87 12.8 10.4 15.6



#44

Trichloroethene

Concen: 46.823 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008201.D

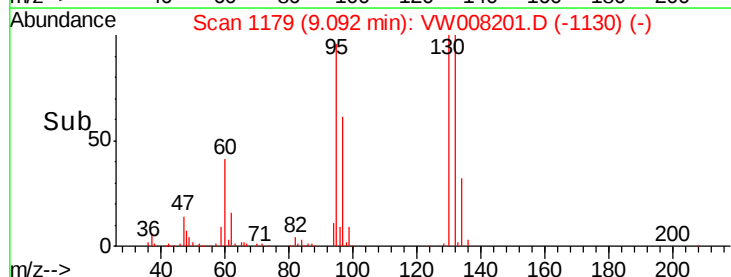
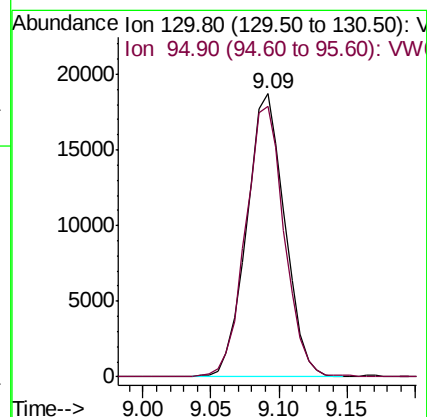
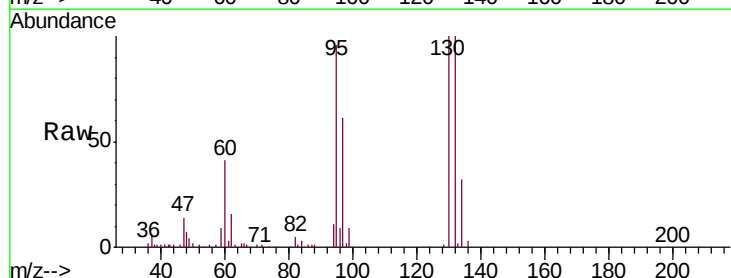
Acq: 11 Jan 2019 18:25

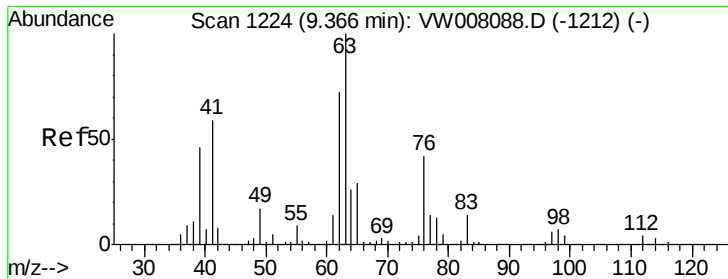
Tgt Ion: 130 Resp: 36712

Ion Ratio Lower Upper

130 100

95 95.5 0.0 202.8





#45

1,2-Dichloropropane

Concen: 65.289 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

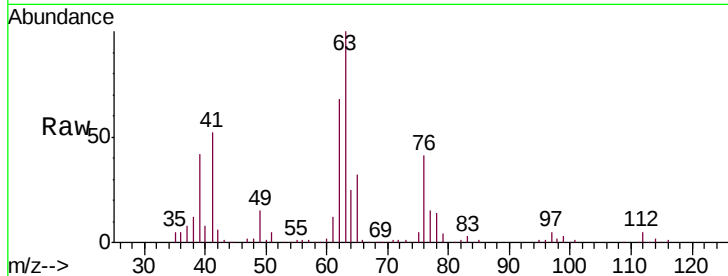
CPSB-07(15-20)MSD

Tgt Ion: 63 Resp: 49584

Ion Ratio Lower Upper

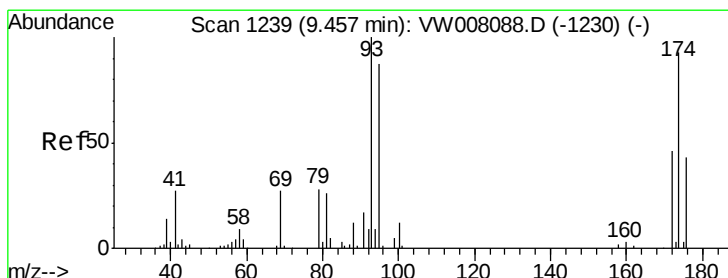
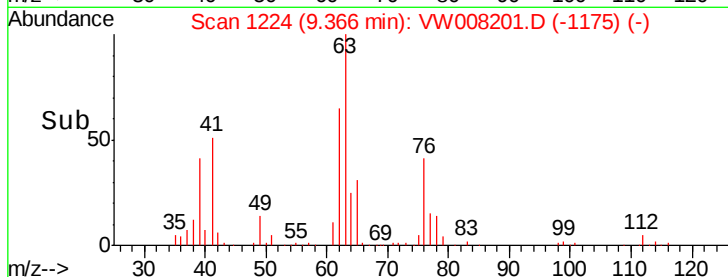
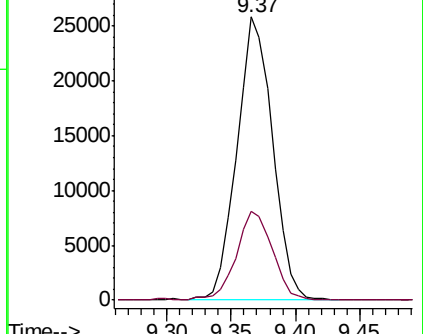
63 100

65 31.5 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 78.544 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

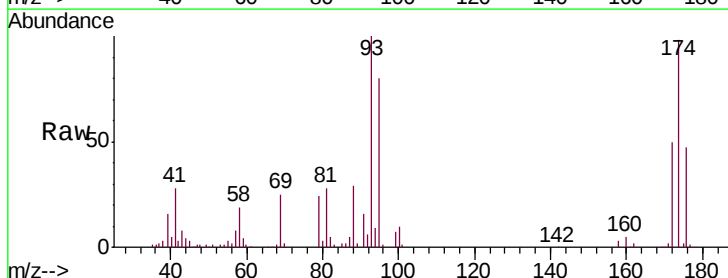
Tgt Ion: 93 Resp: 29295

Ion Ratio Lower Upper

93 100

95 82.8 67.5 101.3

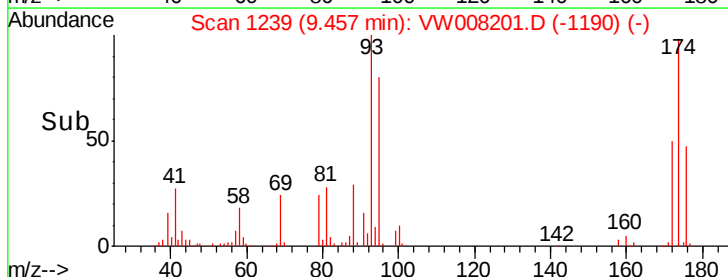
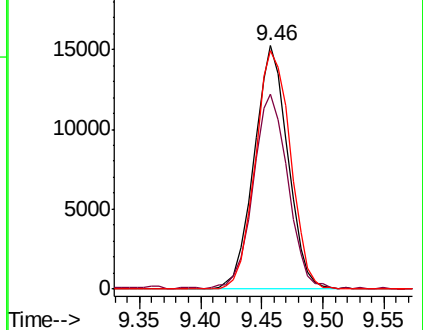
174 102.0 72.5 108.7

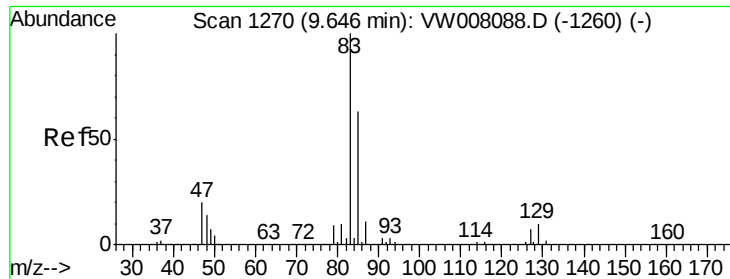


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 68.147 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

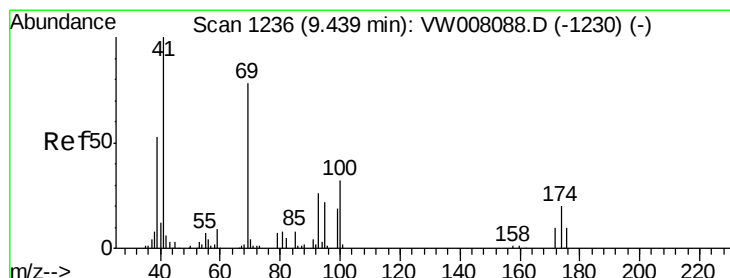
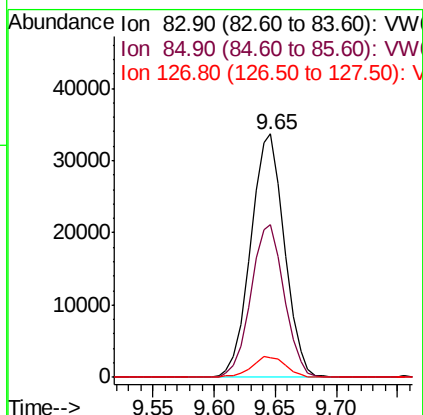
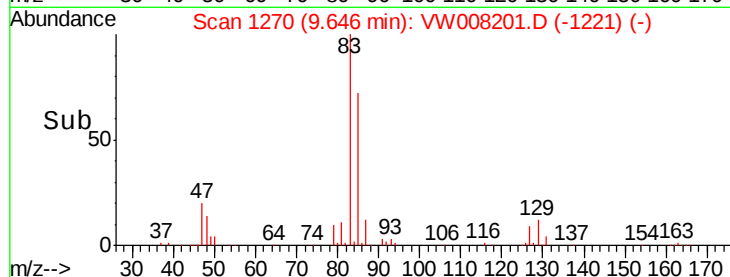
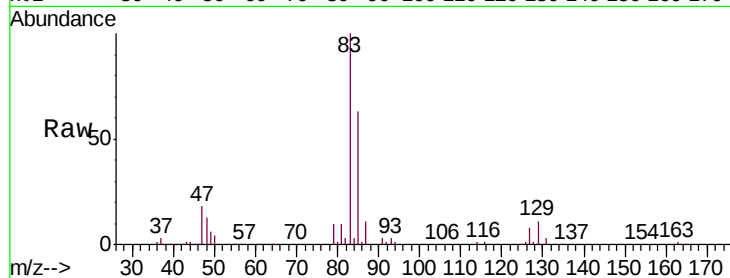
Tgt Ion: 83 Resp: 64539

Ion Ratio Lower Upper

83 100

85 62.5 50.7 76.1

127 8.0 6.0 9.0



#48

Methyl methacrylate

Concen: 87.299 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

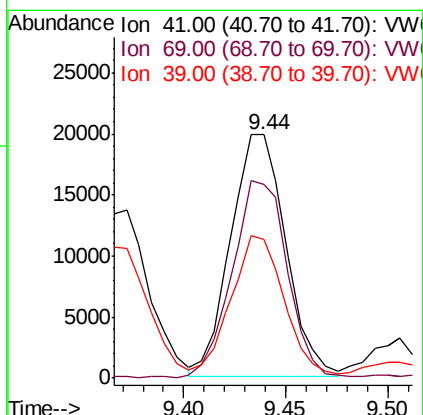
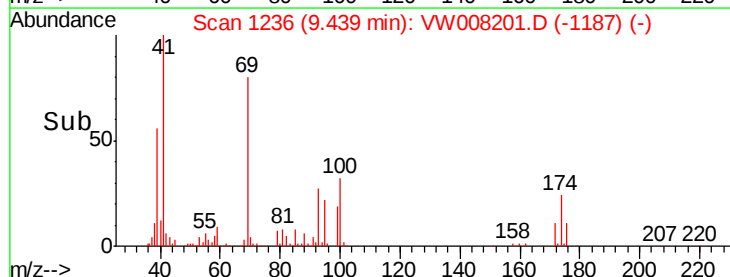
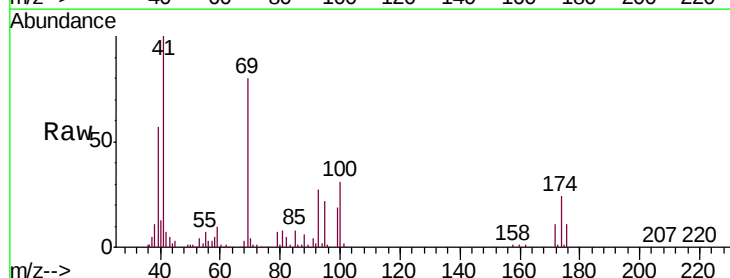
Tgt Ion: 41 Resp: 37261

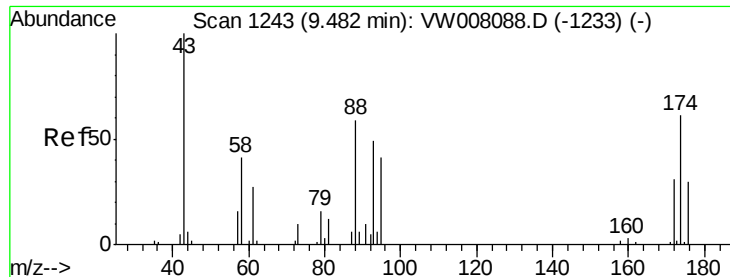
Ion Ratio Lower Upper

41 100

69 82.1 61.9 92.9

39 56.3 43.0 64.4





#49

1,4-Dioxane

Concen: 1765.720 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

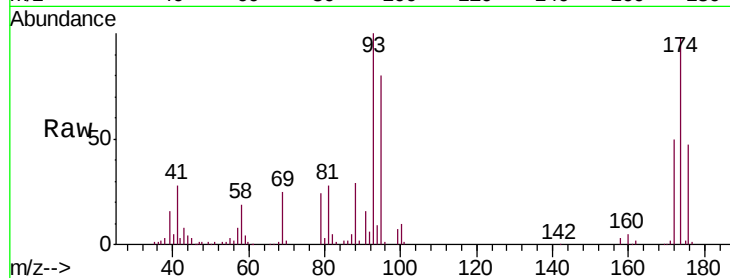
Tgt Ion: 88 Resp: 10591

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

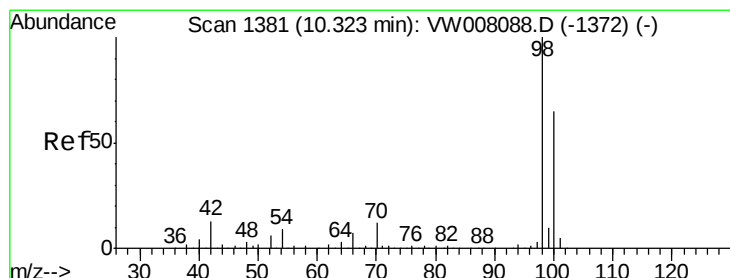
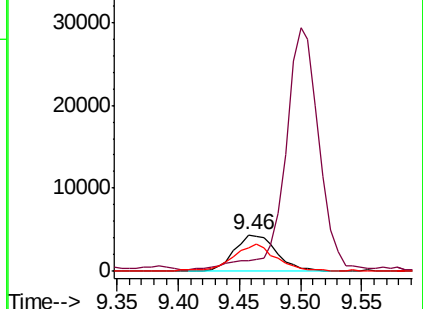
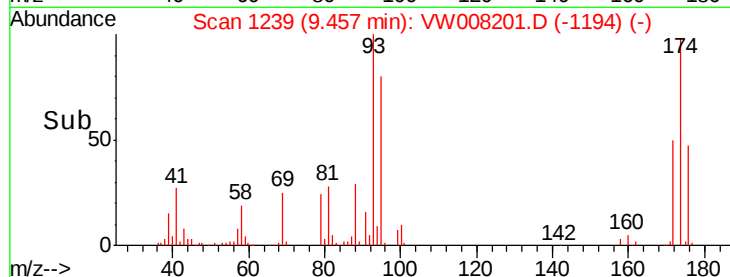
58 78.5 61.7 92.5



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: 40.295 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008201.D

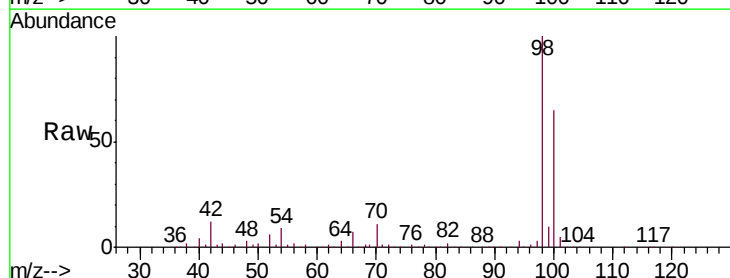
Acq: 11 Jan 2019 18:25

Tgt Ion: 98 Resp: 108116

Ion Ratio Lower Upper

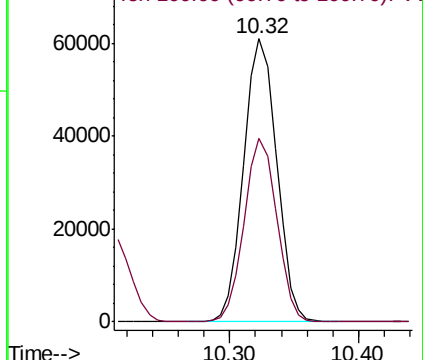
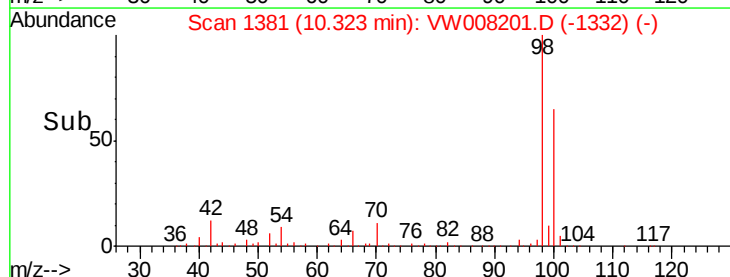
98 100

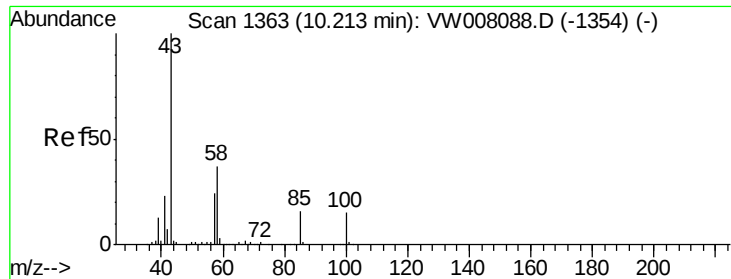
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

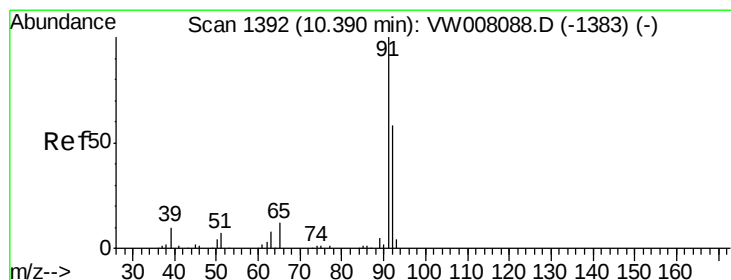
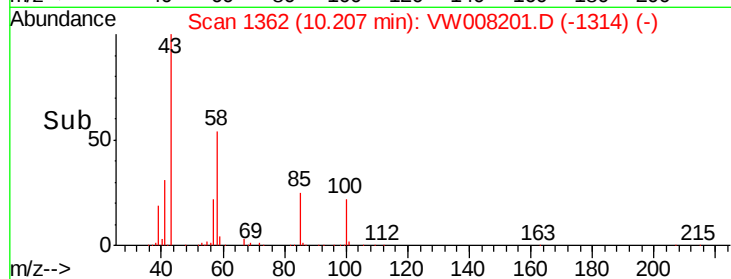
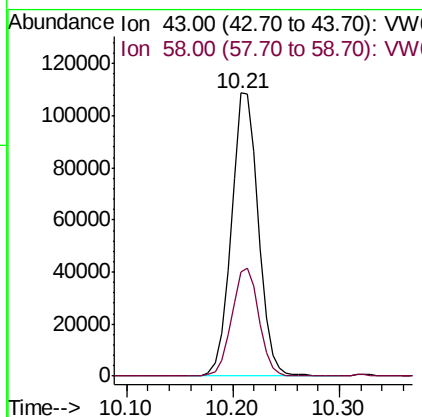
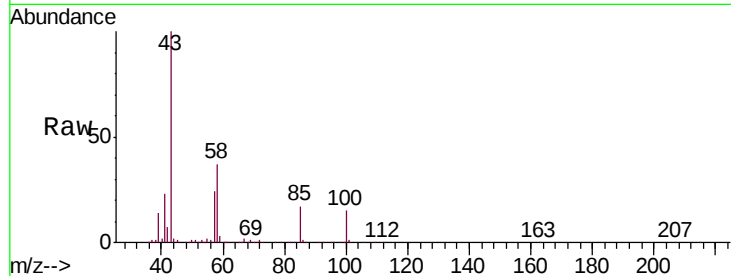




#51
 4-Methyl-2-Pentanone
 Concen: 440.173 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

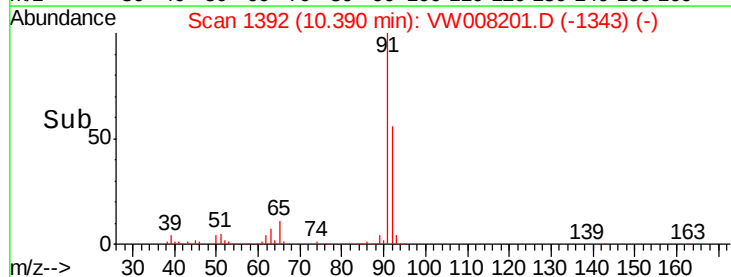
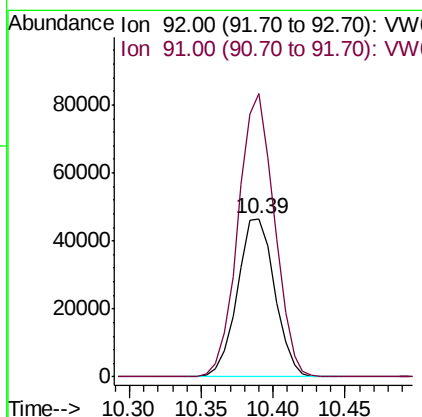
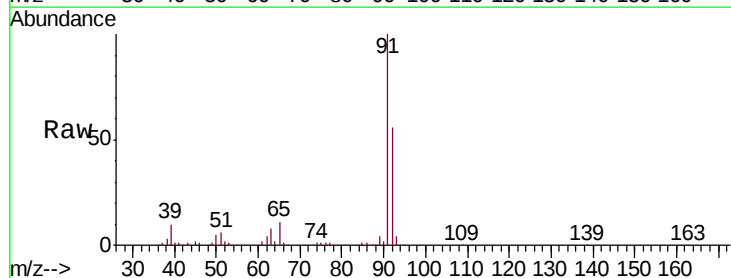
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

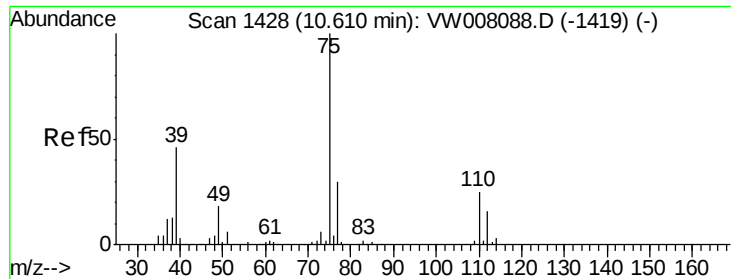
Tgt Ion: 43 Resp: 192731
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.6 46.0



#52
 Toluene
 Concen: 42.749 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion: 92 Resp: 83619
 Ion Ratio Lower Upper
 92 100
 91 174.3 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 65.800 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

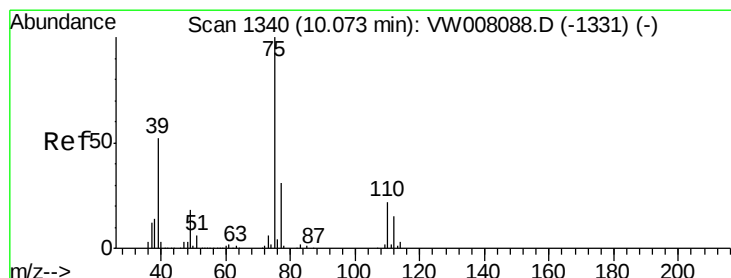
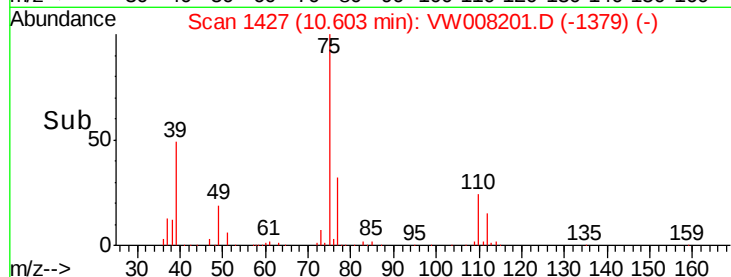
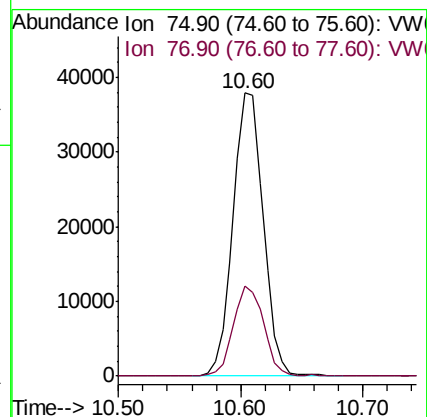
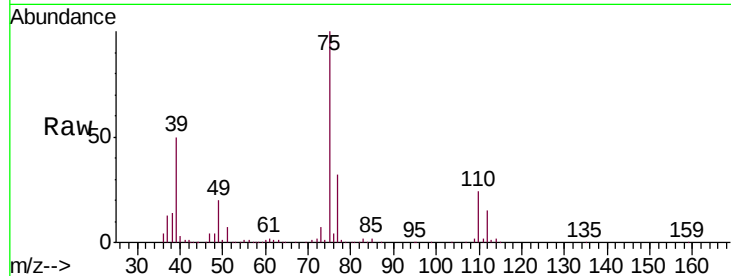
CPSB-07(15-20)MSD

Tgt Ion: 75 Resp: 64820

Ion Ratio Lower Upper

75 100

77 31.9 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 62.075 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

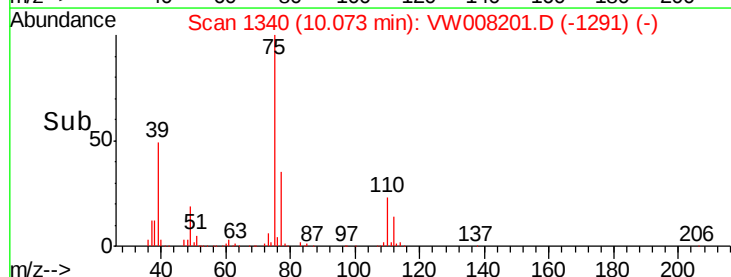
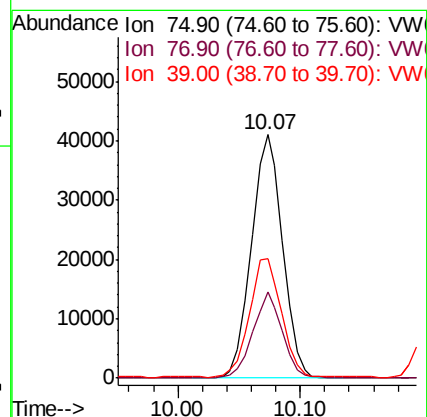
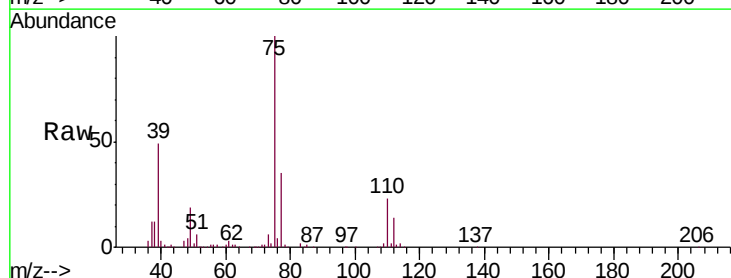
Tgt Ion: 75 Resp: 72513

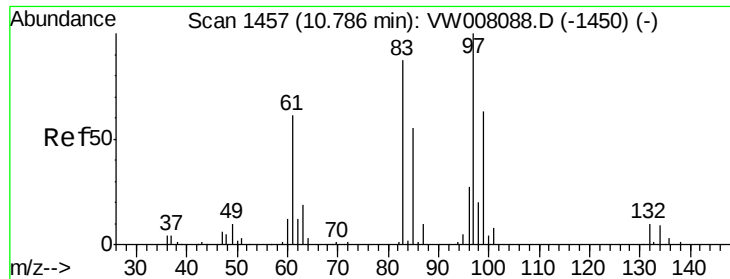
Ion Ratio Lower Upper

75 100

77 35.3 25.2 37.8

39 48.7 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 76.058 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tgt Ion: 97 Resp: 39828

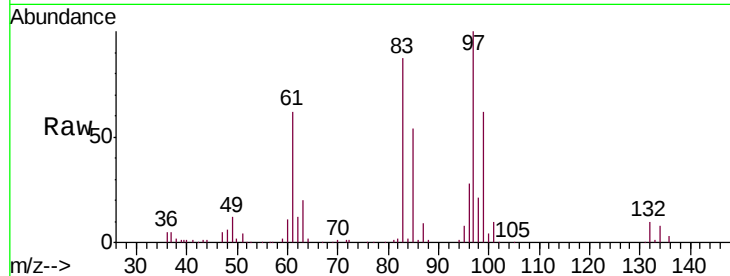
Ion Ratio Lower Upper

97 100

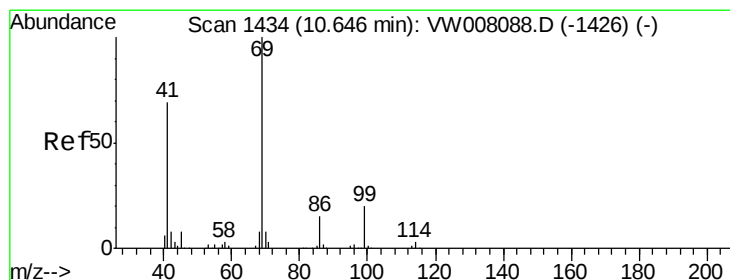
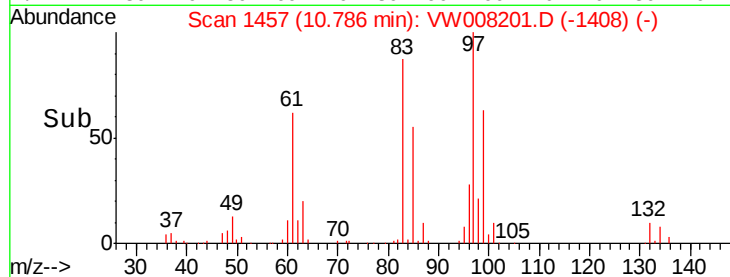
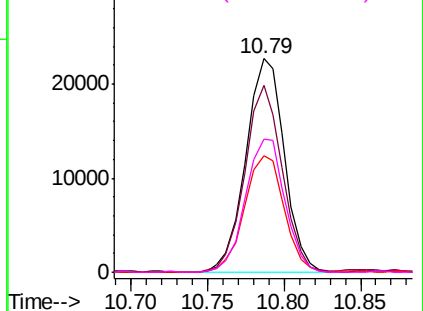
83 87.2 69.3 103.9

85 54.3 43.8 65.6

99 62.3 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: 83.525 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

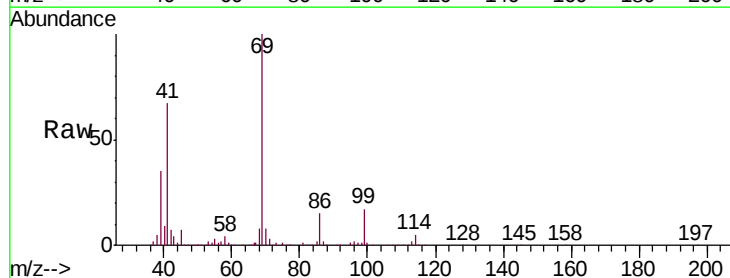
Tgt Ion: 69 Resp: 54166

Ion Ratio Lower Upper

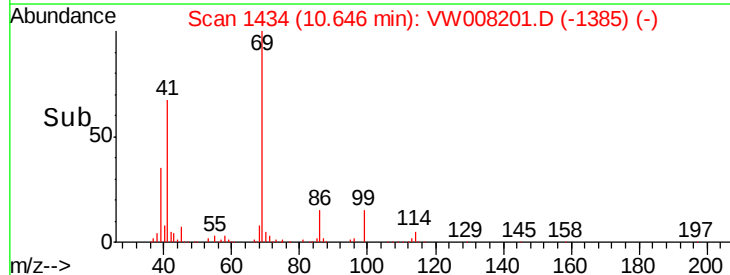
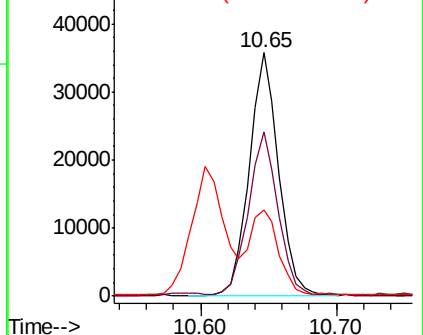
69 100

41 66.4 56.4 84.6

39 34.6 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

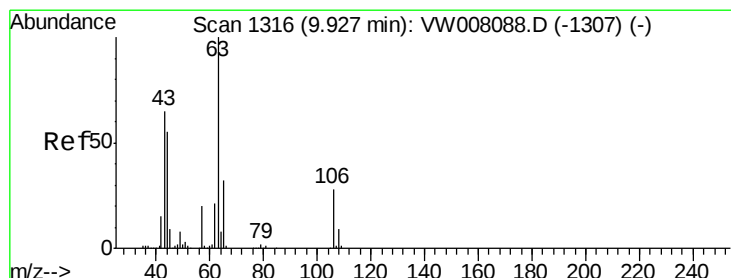
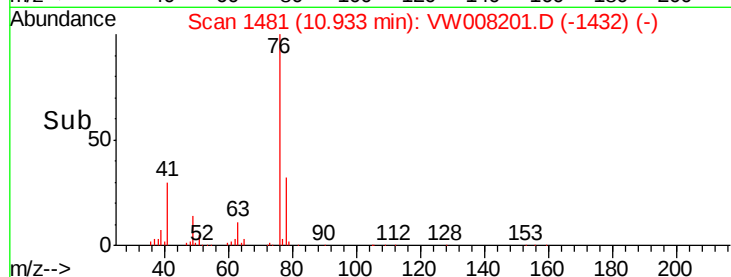
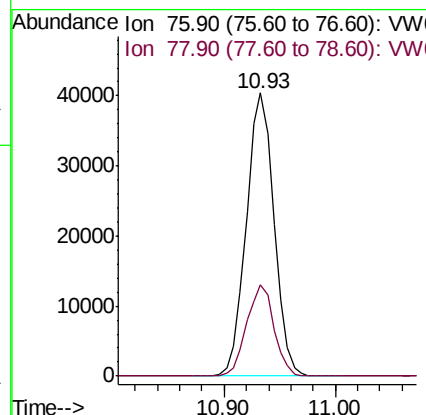
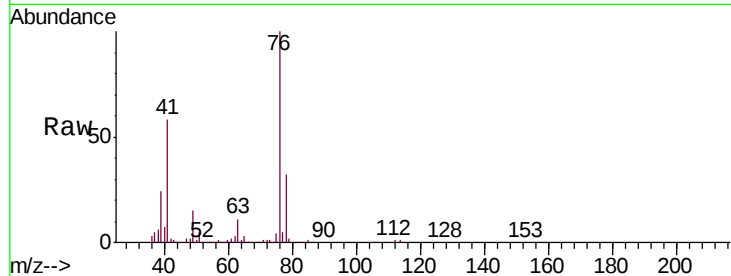




#57
 1,3-Dichloropropane
 Concen: 72.724 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

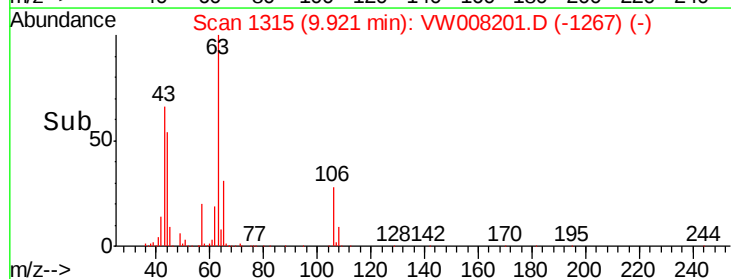
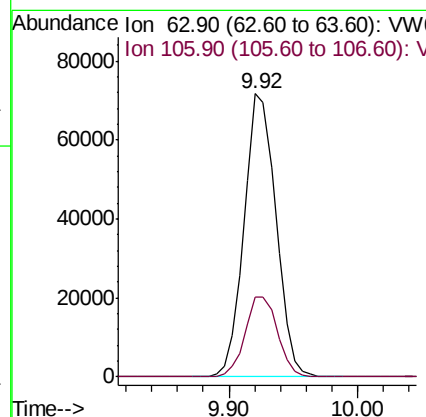
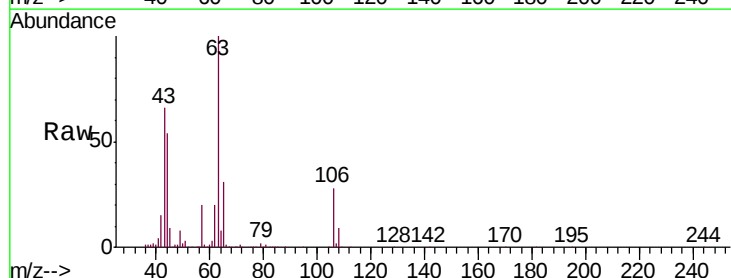
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

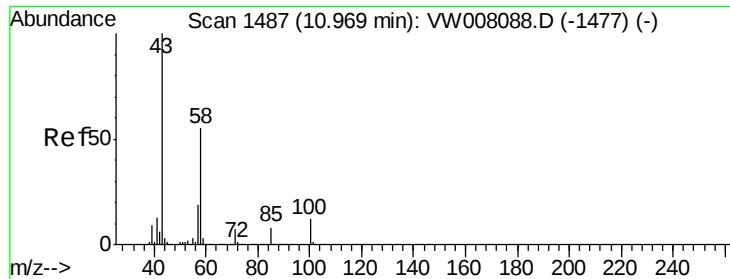
Tgt Ion: 76 Resp: 69647
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 365.979 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion: 63 Resp: 122597
 Ion Ratio Lower Upper
 63 100
 106 29.0 21.8 32.6

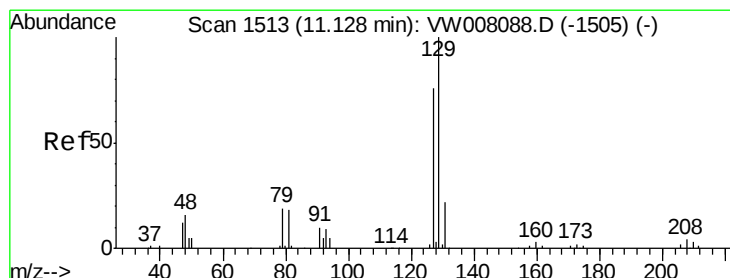
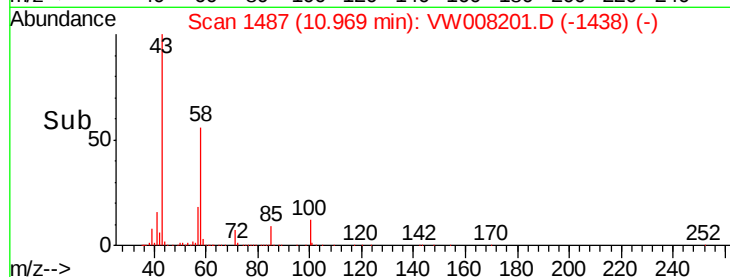
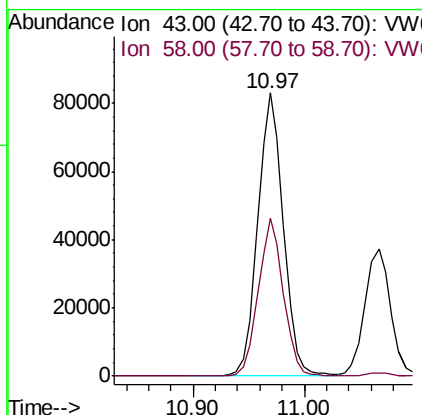
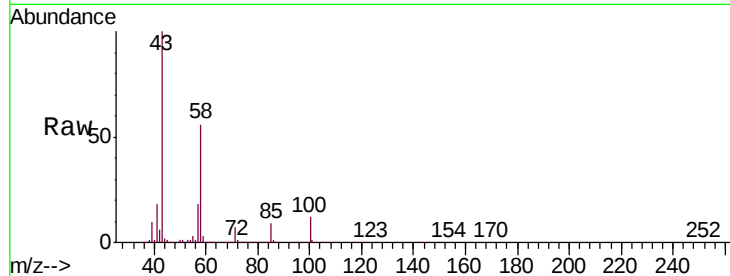




#59
2-Hexanone
Concen: 448.154 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

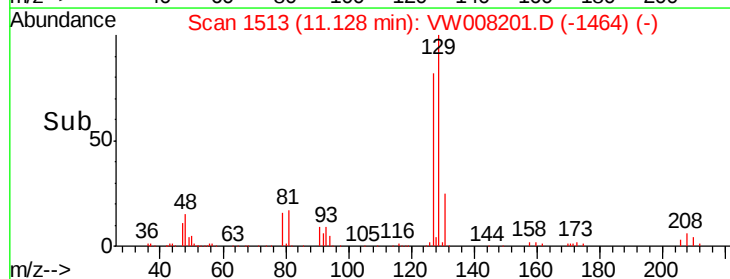
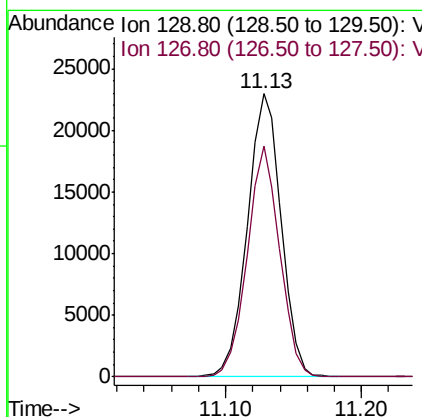
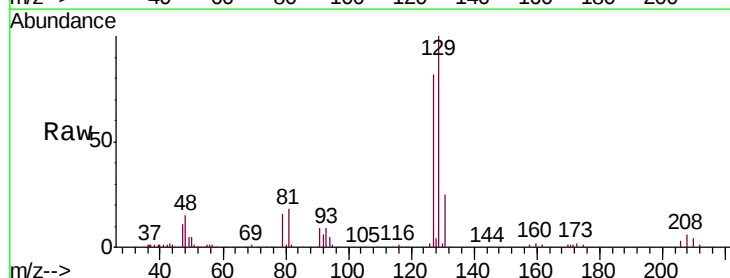
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

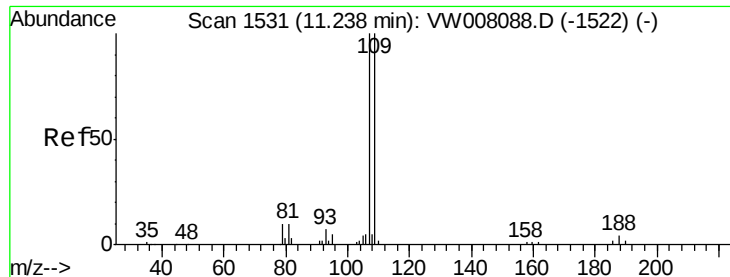
Tgt Ion: 43 Resp: 132697
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5



#60
Dibromochloromethane
Concen: 69.415 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion: 129 Resp: 39916
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6

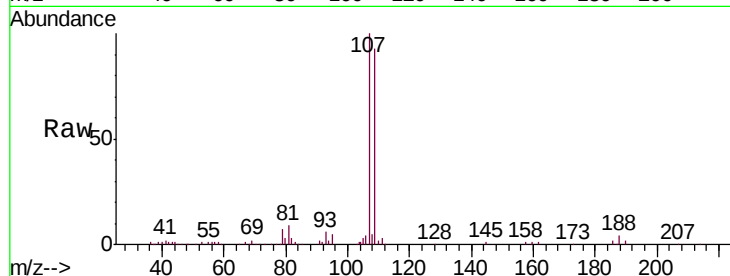




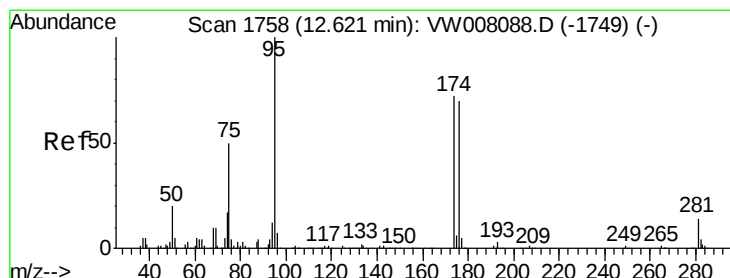
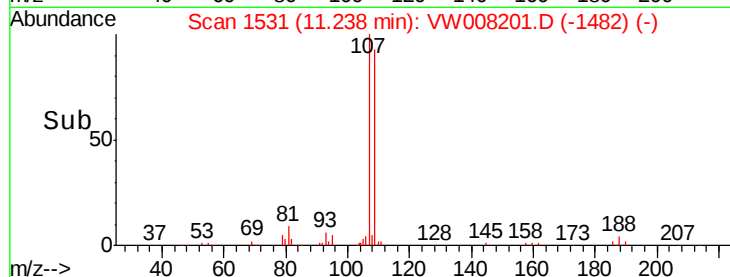
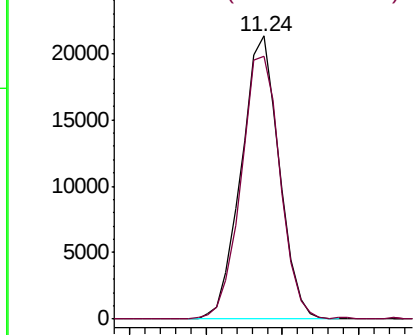
#61
1,2-Dibromoethane
Concen: 73.779 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tgt Ion: 107 Resp: 36659
Ion Ratio Lower Upper
107 100
109 96.3 75.9 113.9

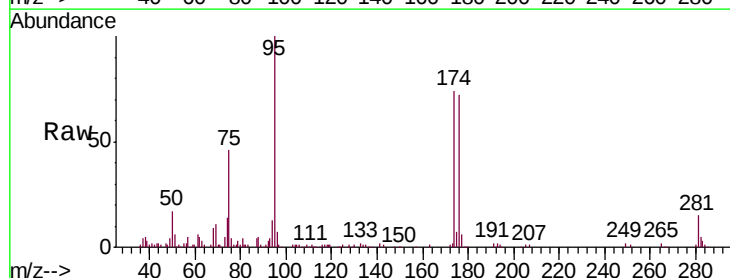


Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

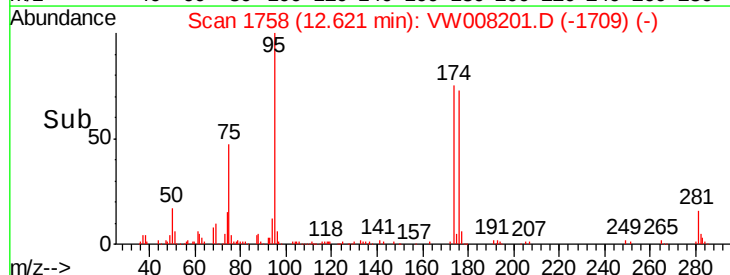
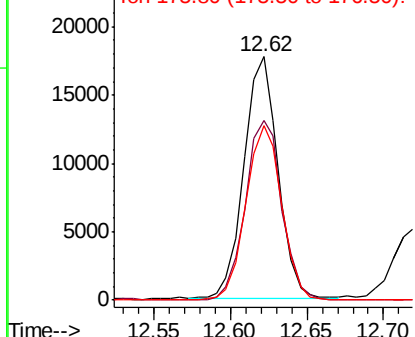


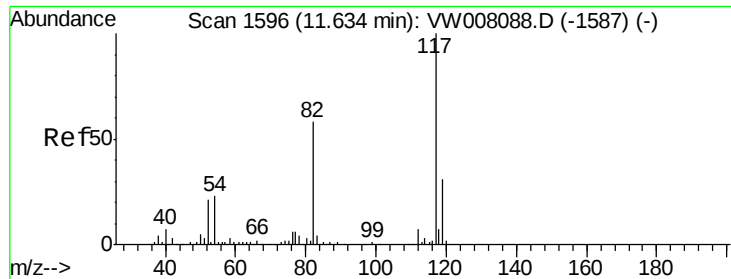
#62
4-Bromofluorobenzene
Concen: 28.271 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion: 95 Resp: 27193
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.0
176 76.0 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

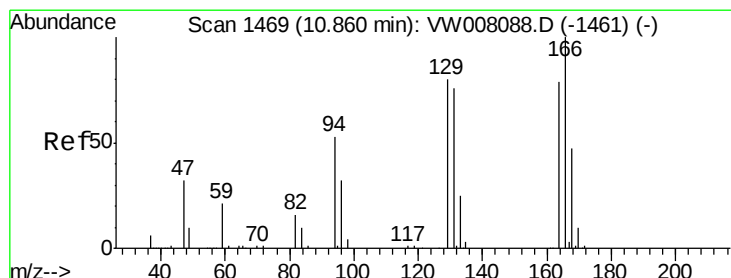
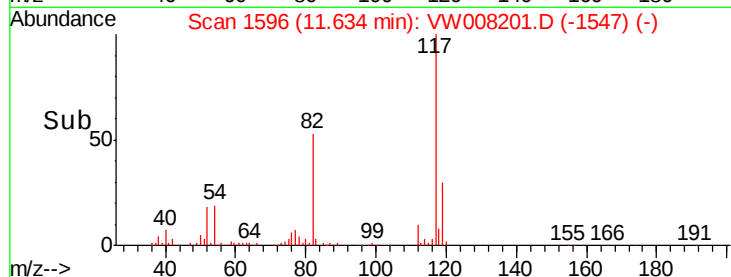
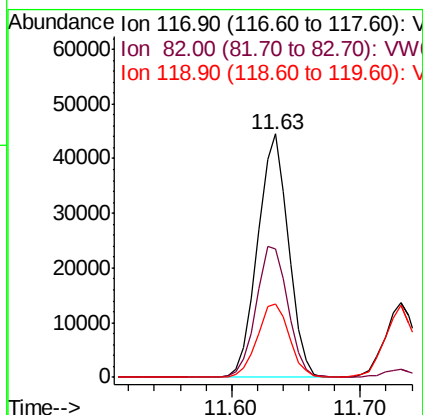
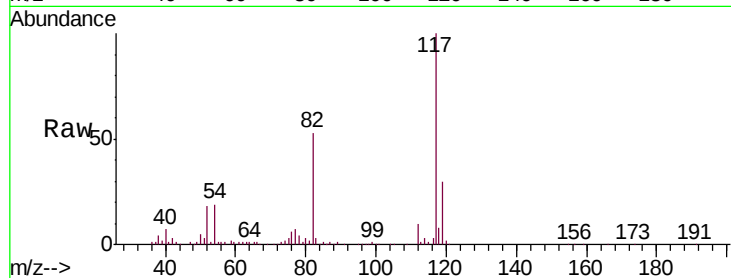




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

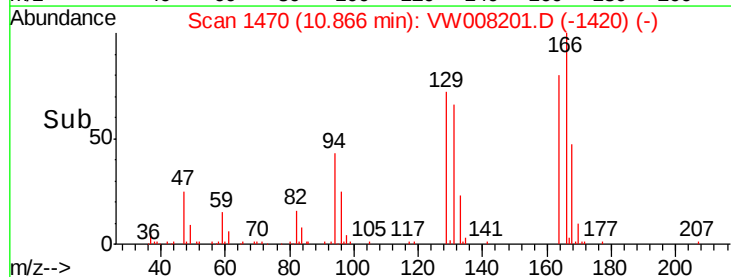
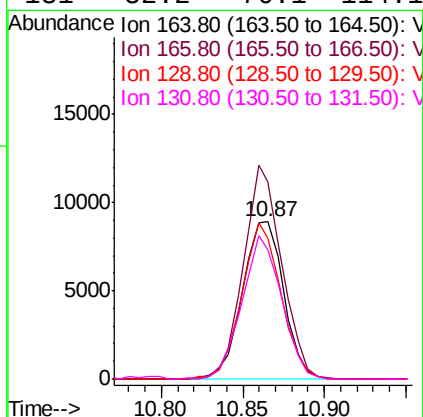
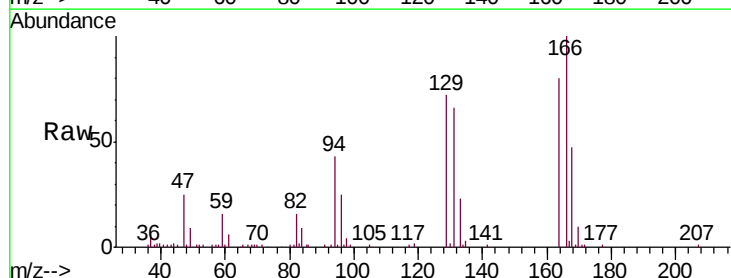
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

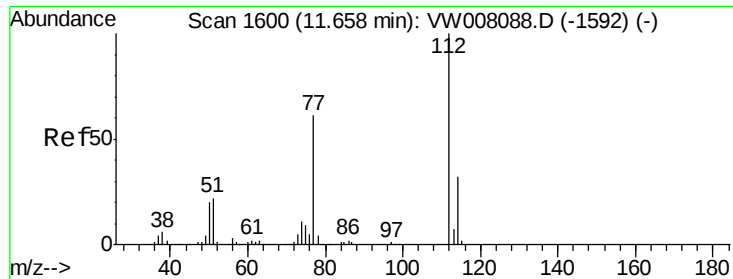
Tgt Ion:117 Resp: 73333
Ion Ratio Lower Upper
117 100
82 52.4 46.4 69.6
119 30.3 24.7 37.1



#64
Tetrachloroethene
Concen: 32.899 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion:164 Resp: 15701
Ion Ratio Lower Upper
164 100
166 125.3 100.7 151.1
129 89.8 81.0 121.4
131 82.2 76.1 114.1

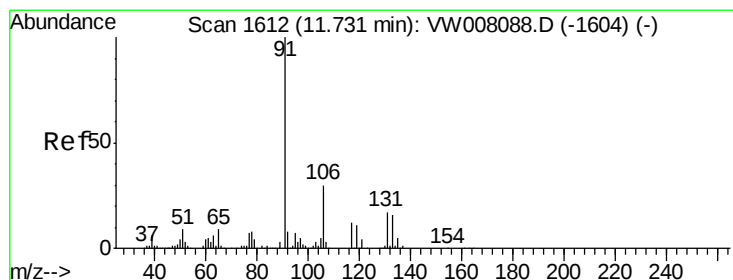
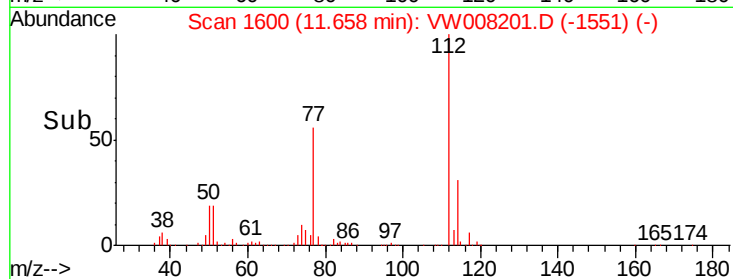
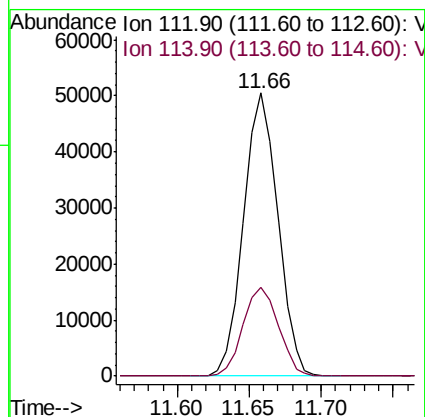
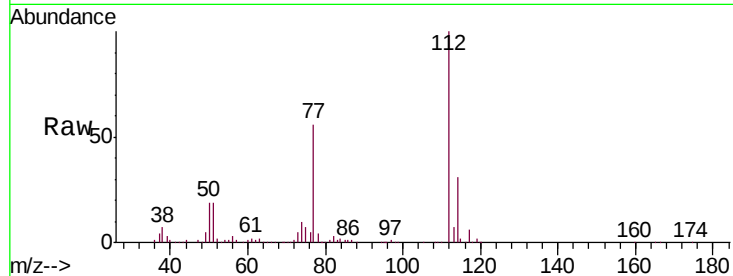




#65
Chlorobenzene
Concen: 53.579 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

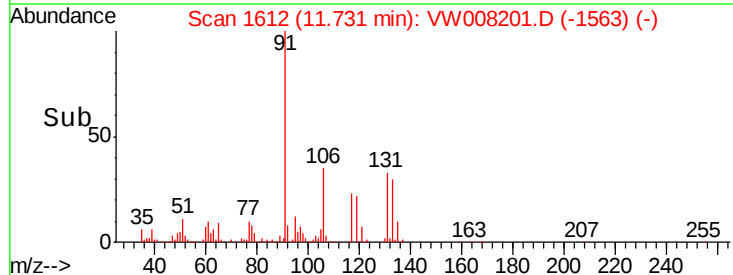
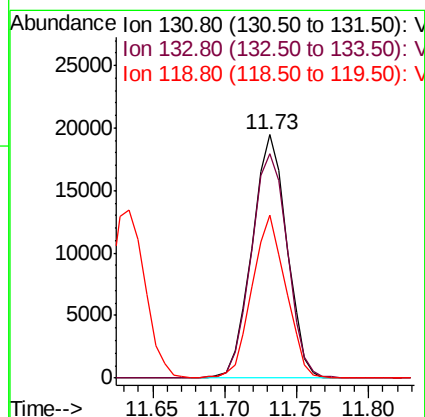
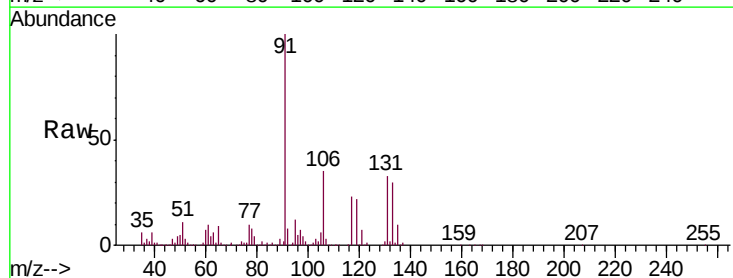
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

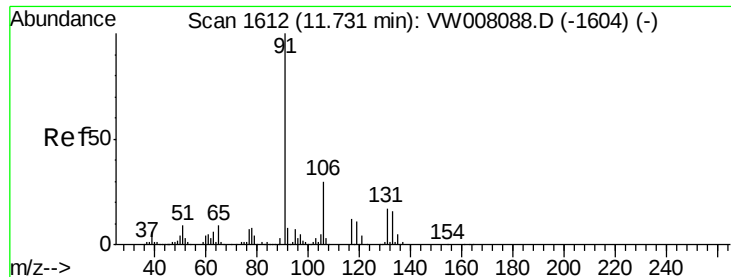
Tgt Ion:112 Resp: 83241
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 64.393 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion:131 Resp: 32539
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.7
119 65.3 32.5 97.4





#67

Ethyl Benzene

Concen: 33.966 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

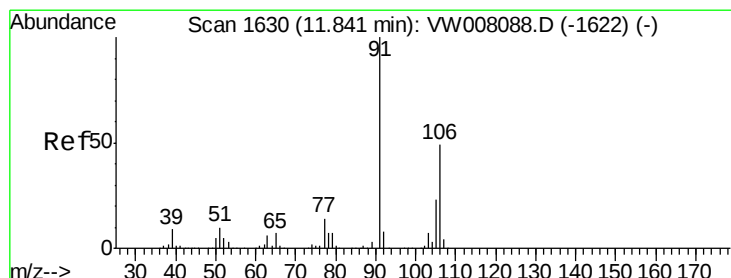
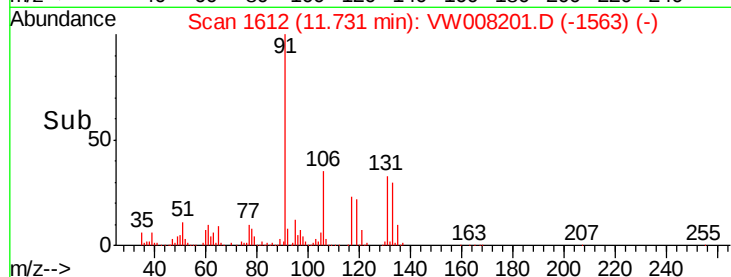
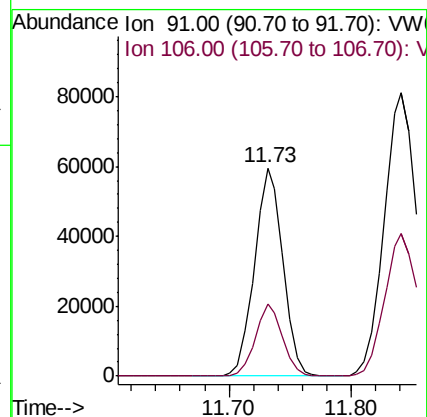
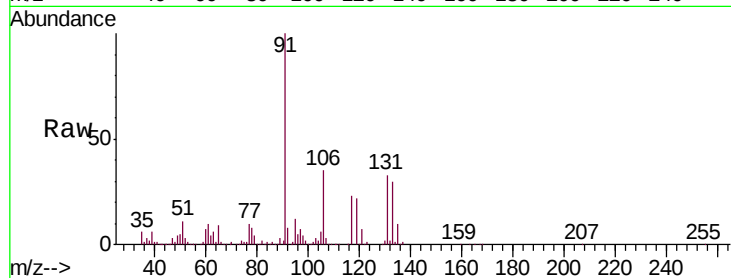
CPSB-07(15-20)MSD

Tgt Ion: 91 Resp: 96555

Ion Ratio Lower Upper

91 100

106 34.6 24.2 36.4



#68

m/p-Xylenes

Concen: 69.935 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW008201.D

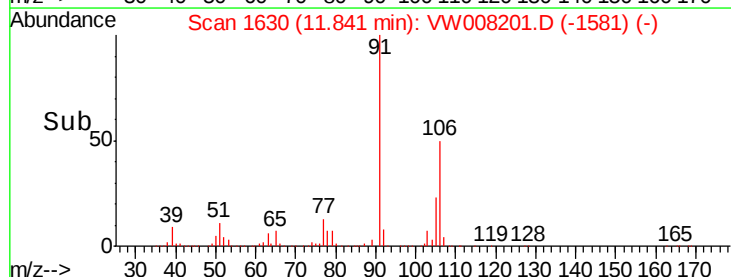
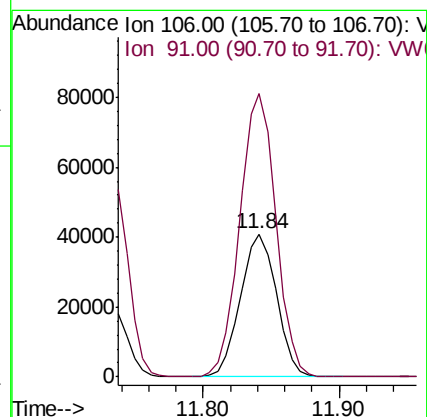
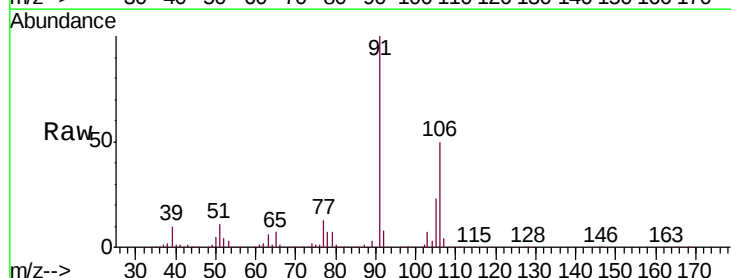
Acq: 11 Jan 2019 18:25

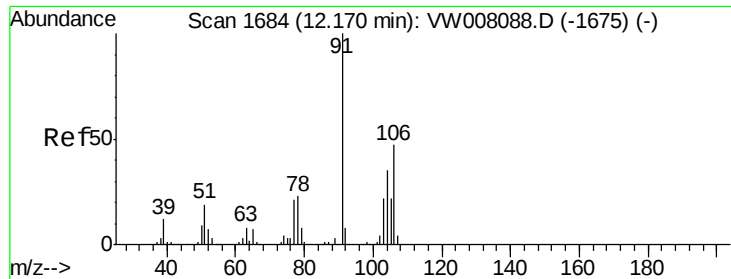
Tgt Ion: 106 Resp: 75881

Ion Ratio Lower Upper

106 100

91 197.1 162.4 243.6

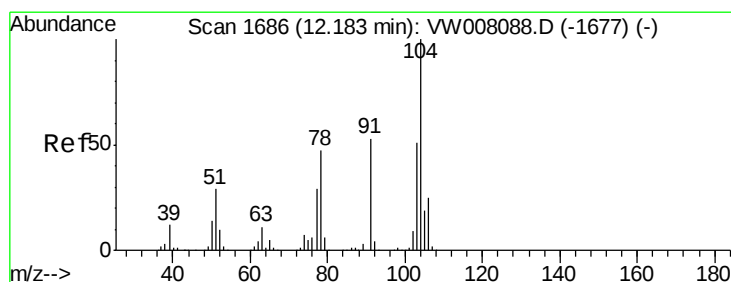
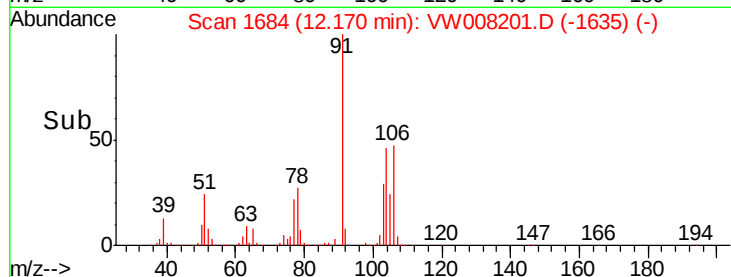
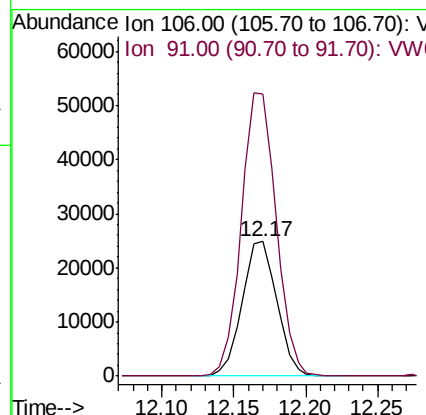
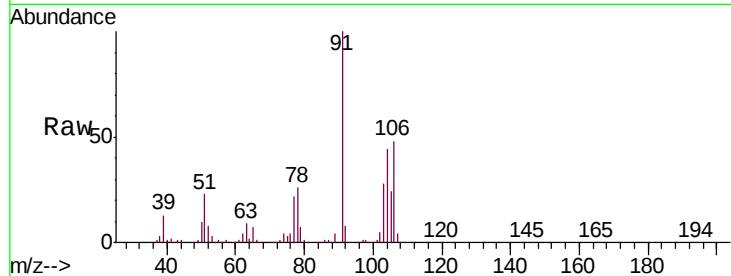




#69
o-Xylene
Concen: 41.296 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

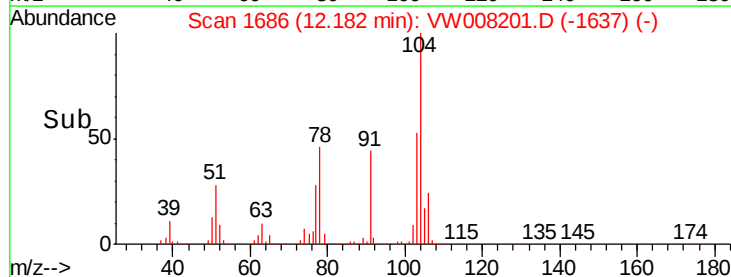
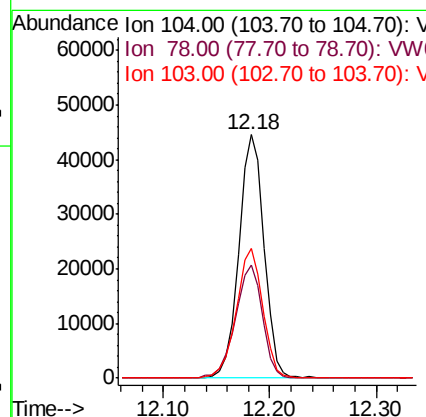
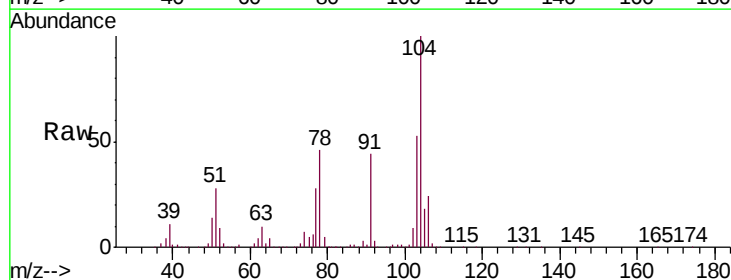
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

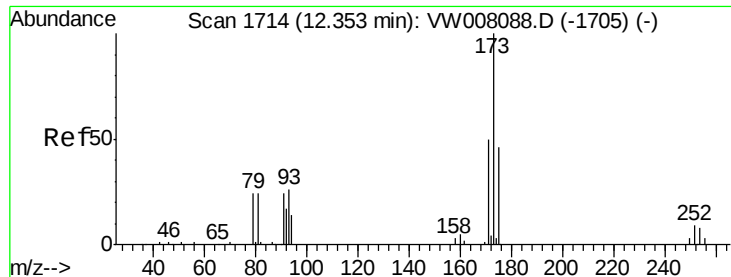
Tgt Ion:106 Resp: 41493
Ion Ratio Lower Upper
106 100
91 212.7 107.8 323.6



#70
Styrene
Concen: 46.915 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion:104 Resp: 73835
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 55.9 43.8 65.8

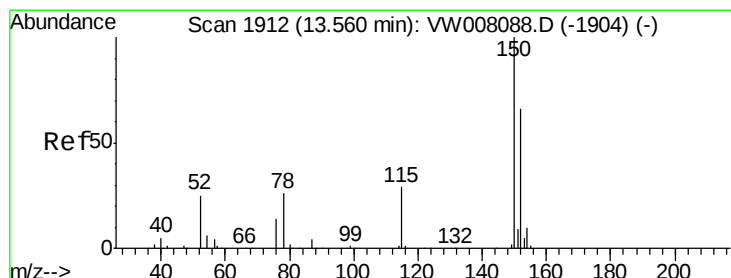
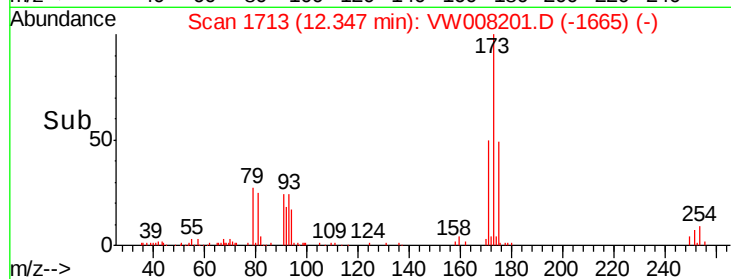
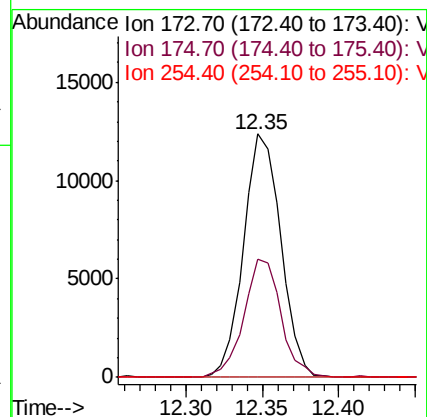
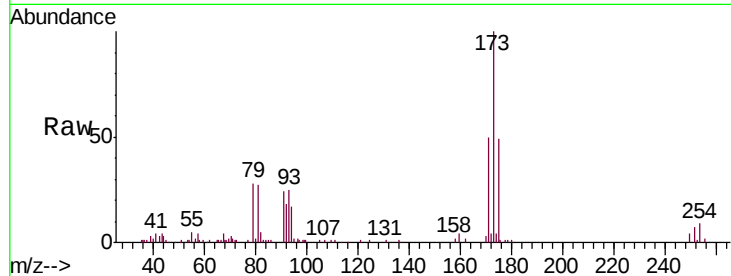




#71
Bromoform
Concen: 92.866 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

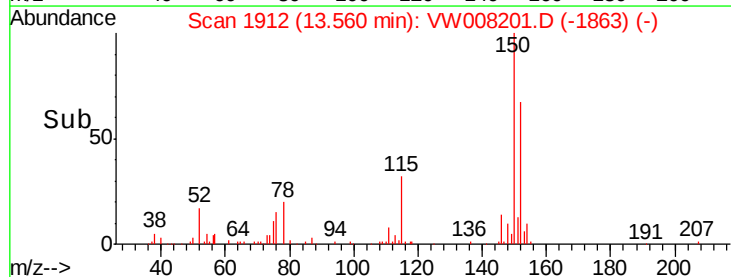
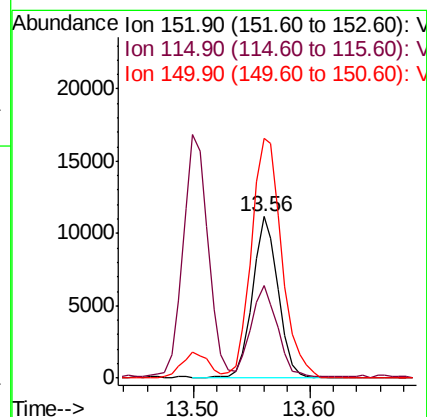
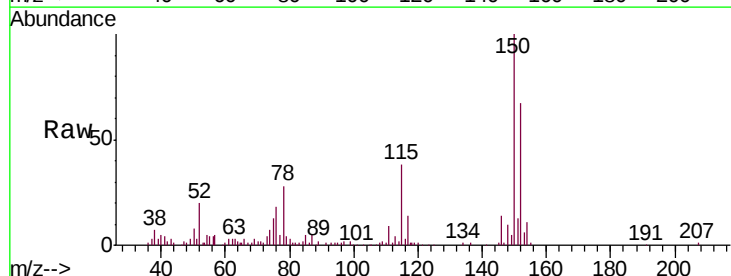
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

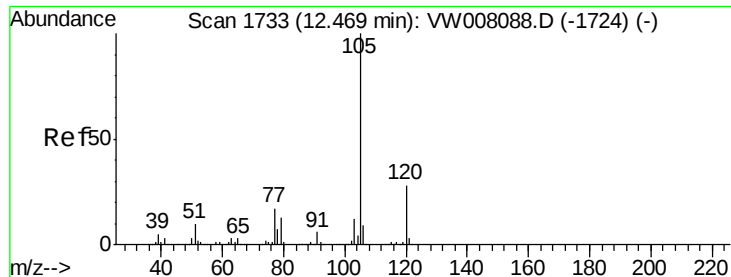
Tgt Ion:173 Resp: 21002
Ion Ratio Lower Upper
173 100
175 48.3 23.3 69.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion:152 Resp: 17106
Ion Ratio Lower Upper
152 100
115 57.3 30.8 92.4
150 176.1 0.0 350.2





#73

Isopropylbenzene

Concen: 69.700 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

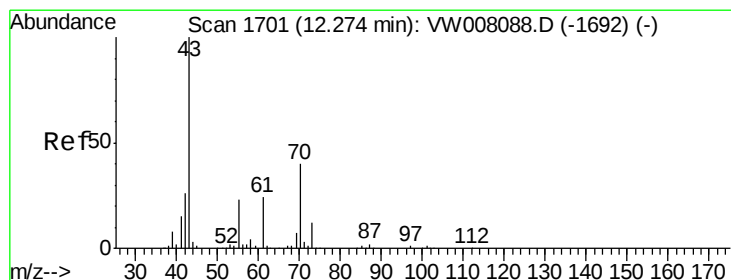
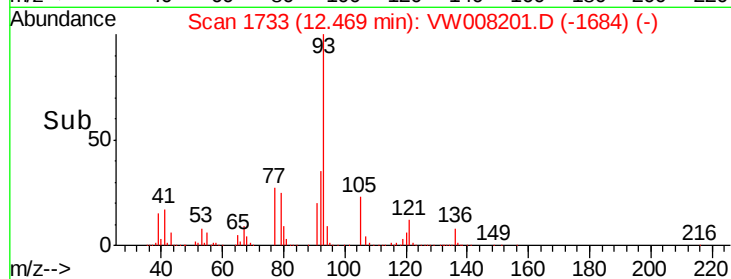
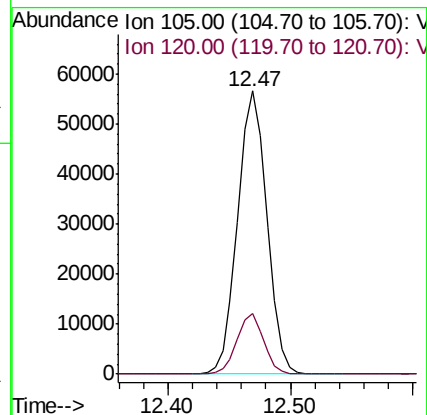
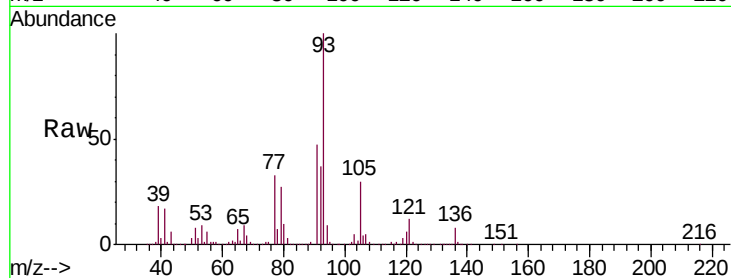
CPSB-07(15-20)MSD

Tgt Ion:105 Resp: 93606

Ion Ratio Lower Upper

105 100

120 19.5 13.6 40.8



#74

N-ethyl acetate

Concen: 194.106 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion: 43 Resp: 57729

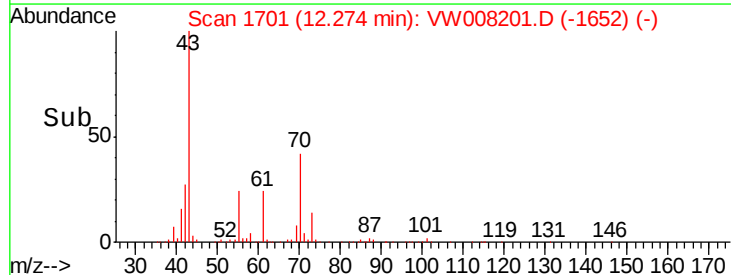
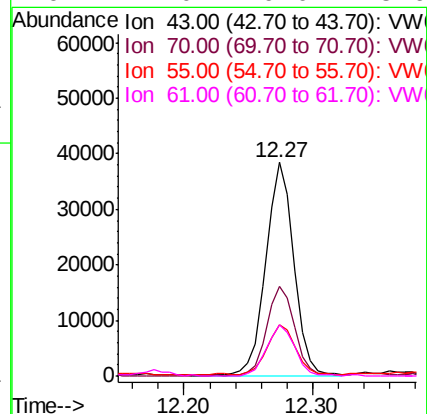
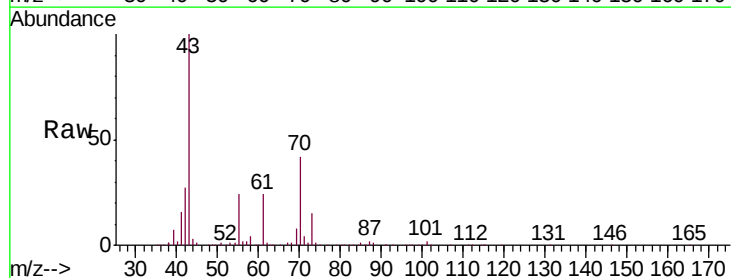
Ion Ratio Lower Upper

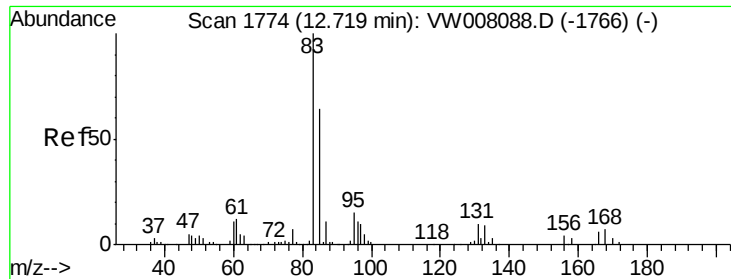
43 100

70 42.2 32.4 48.6

55 23.5 18.7 28.1

61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 186.525 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

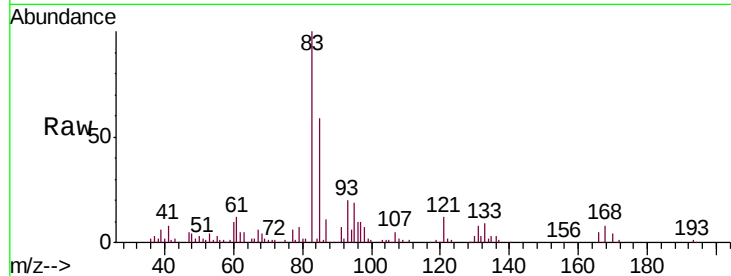
Tgt Ion: 83 Resp: 40096

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

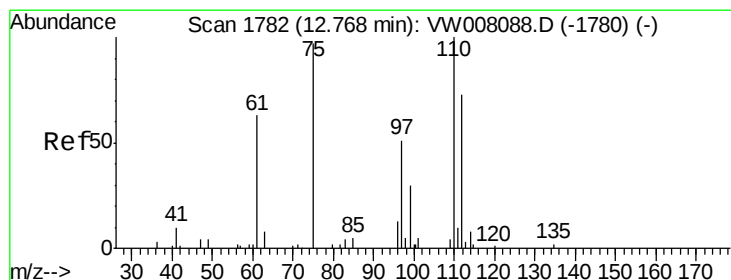
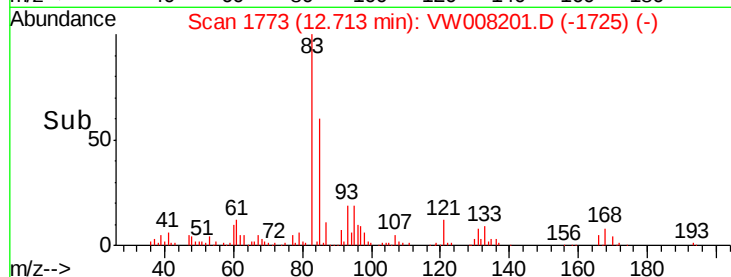
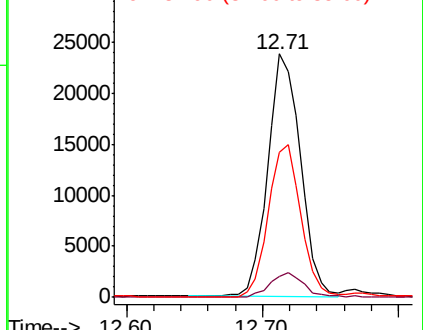
85 62.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 312.974 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008201.D

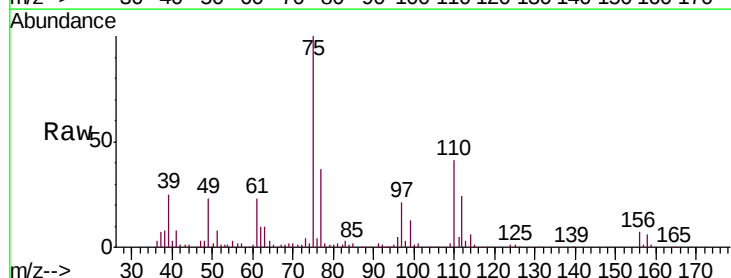
Acq: 11 Jan 2019 18:25

Tgt Ion: 75 Resp: 48805

Ion Ratio Lower Upper

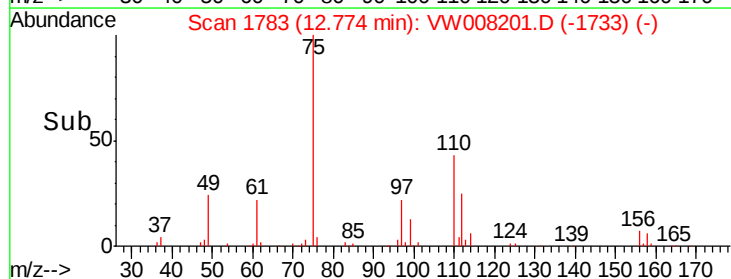
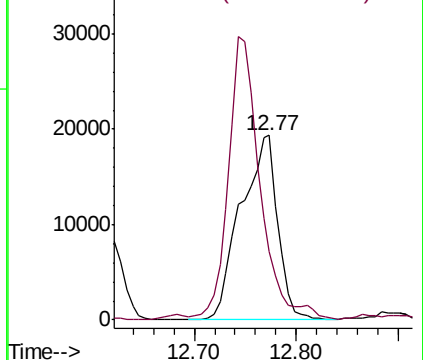
75 100

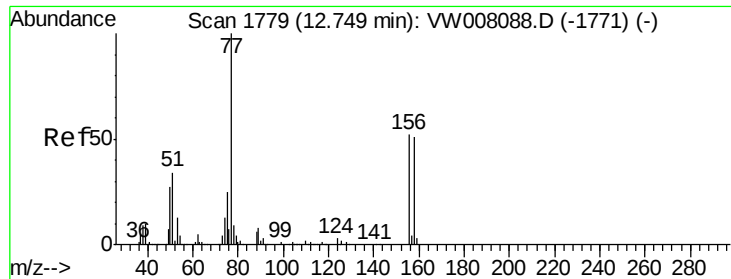
77 0.0 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 96.244 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

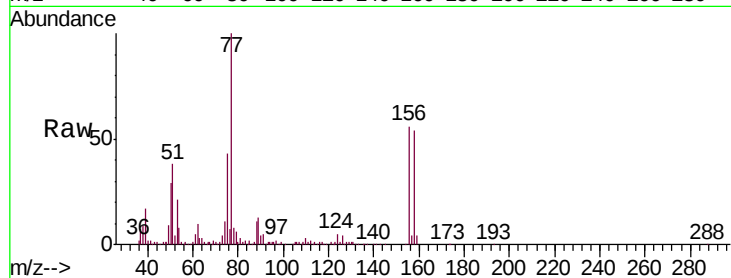
Tgt Ion:156 Resp: 27311

Ion Ratio Lower Upper

156 100

77 230.7 104.2 312.5

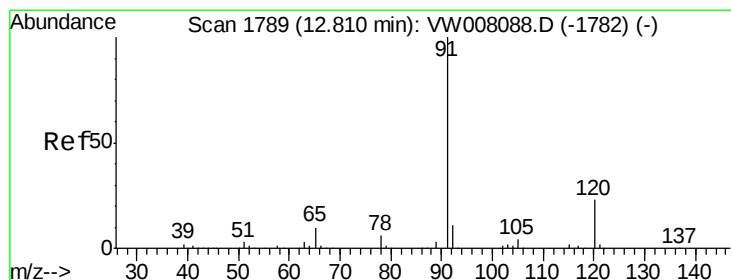
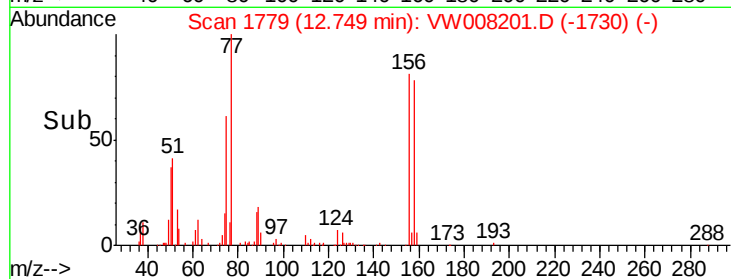
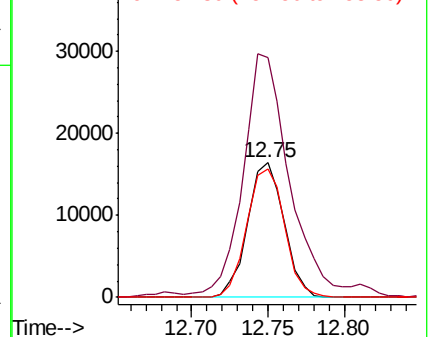
158 98.7 47.9 143.6



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: 36.473 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008201.D

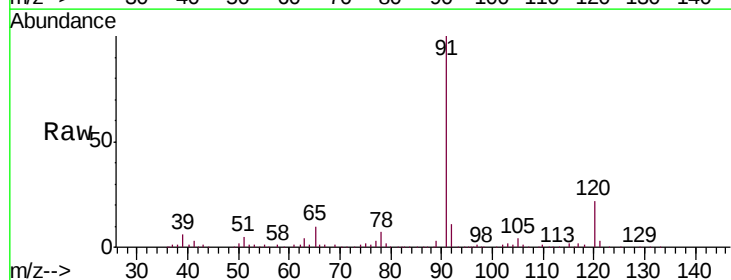
Acq: 11 Jan 2019 18:25

Tgt Ion: 91 Resp: 60017

Ion Ratio Lower Upper

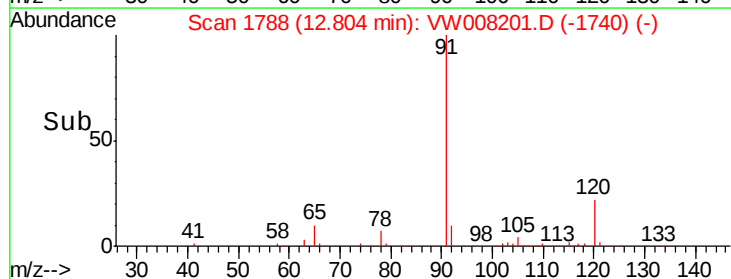
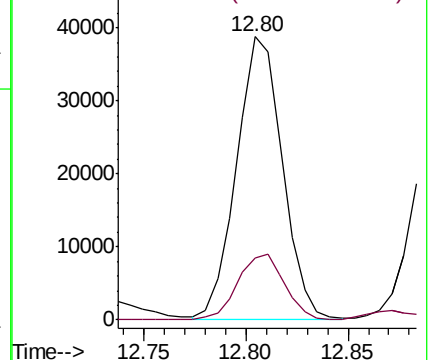
91 100

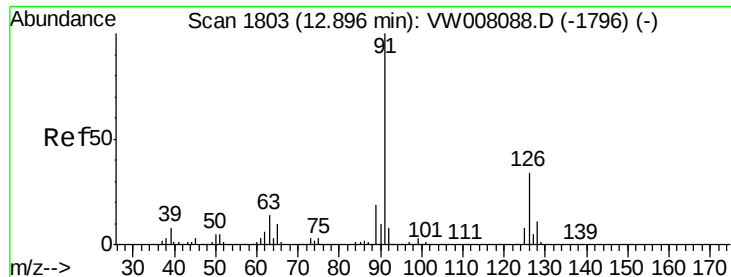
120 23.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.097 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

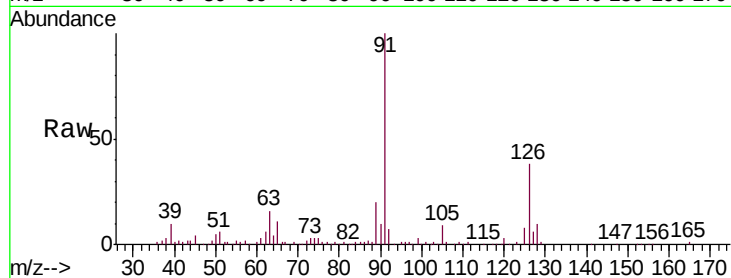
CPSB-07(15-20)MSD

Tgt Ion: 91 Resp: 46910

Ion Ratio Lower Upper

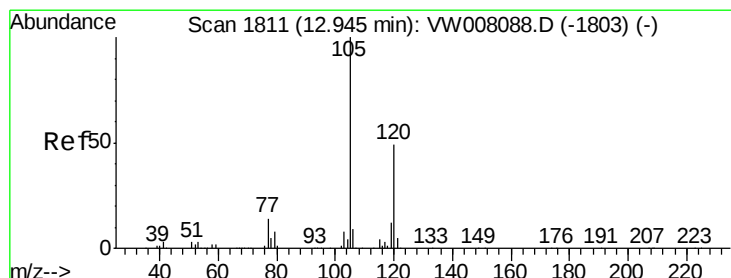
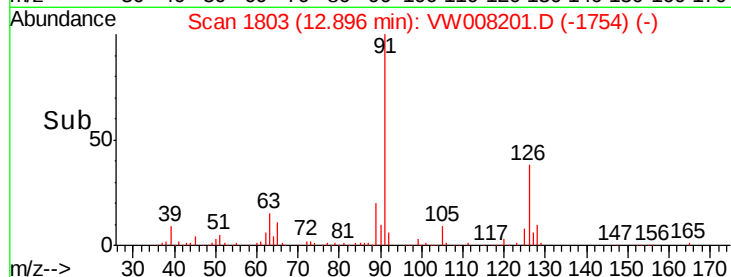
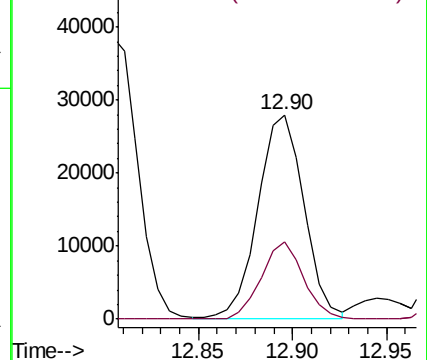
91 100

126 35.2 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 37.647 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008201.D

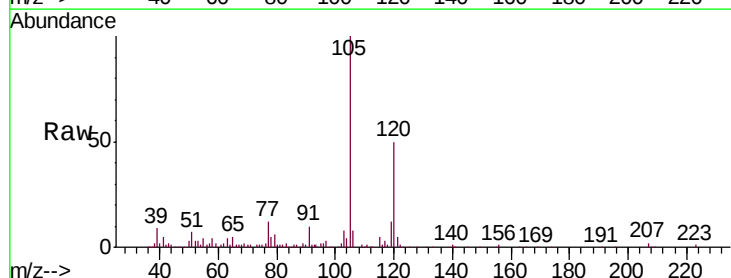
Acq: 11 Jan 2019 18:25

Tgt Ion:105 Resp: 41548

Ion Ratio Lower Upper

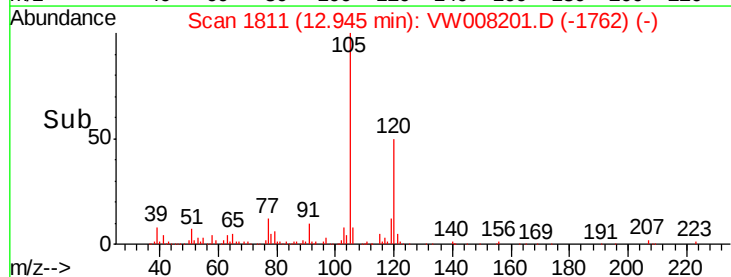
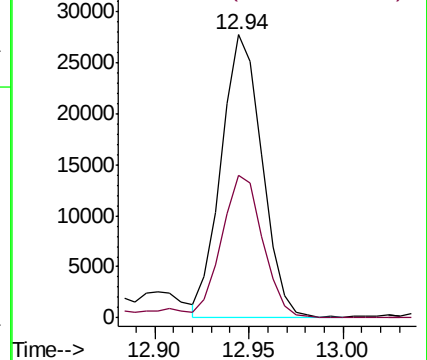
105 100

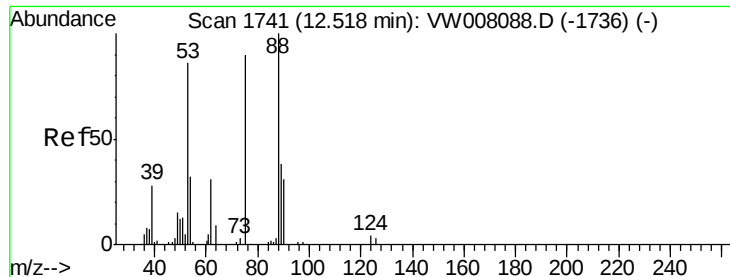
120 54.0 24.7 74.1



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: 176.930 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

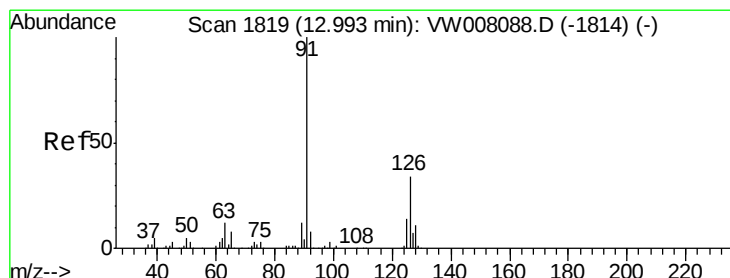
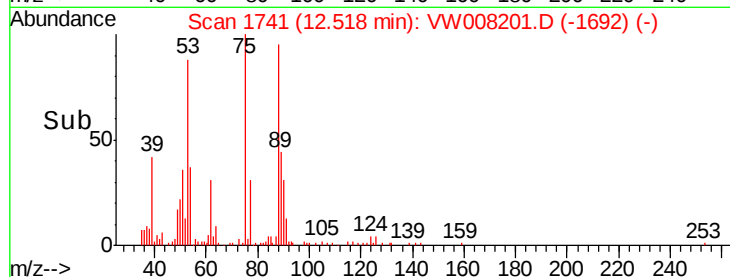
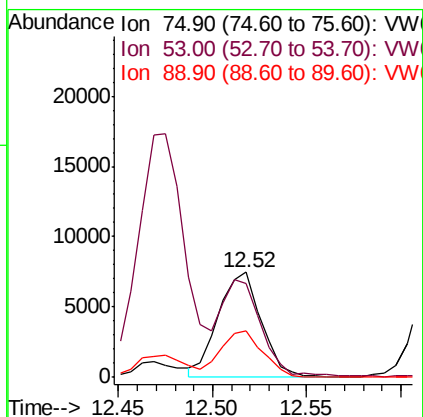
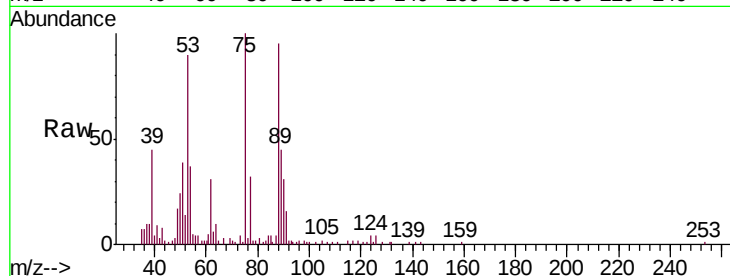
Tgt Ion: 75 Resp: 11848

Ion Ratio Lower Upper

75 100

53 82.4 78.8 118.2

89 43.2 35.4 53.2



#82

4-Chlorotoluene

Concen: 57.204 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008201.D

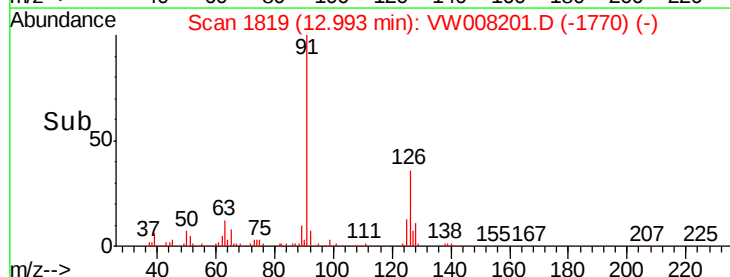
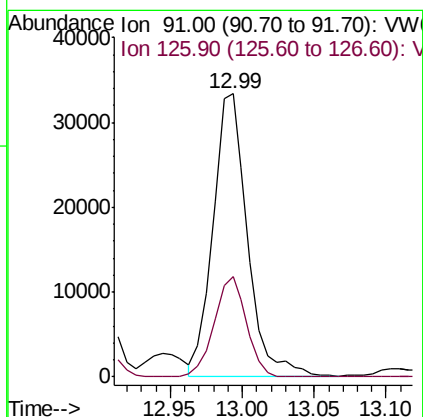
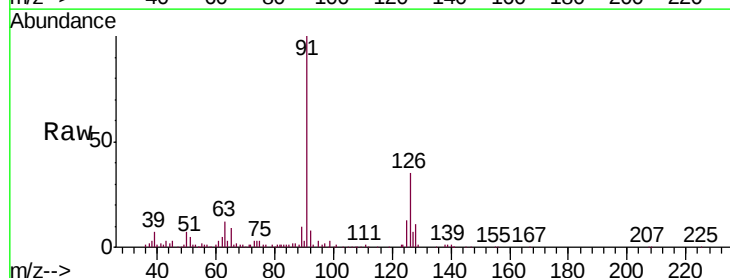
Acq: 11 Jan 2019 18:25

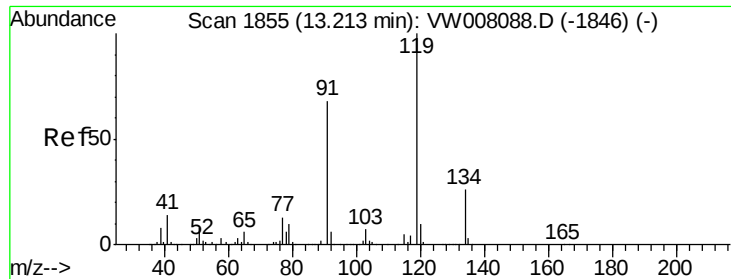
Tgt Ion: 91 Resp: 55310

Ion Ratio Lower Upper

91 100

126 33.5 16.5 49.5

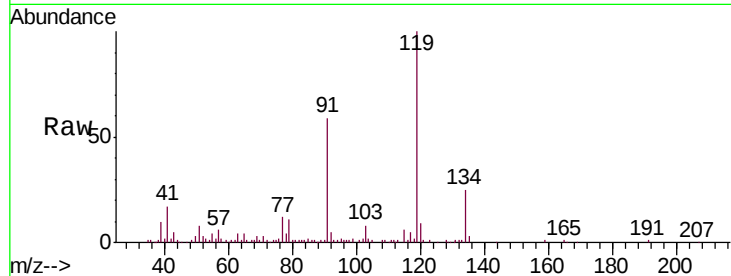




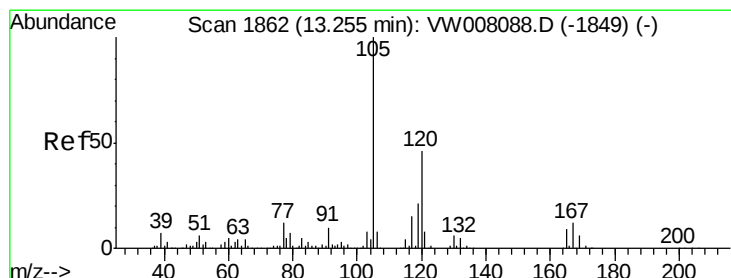
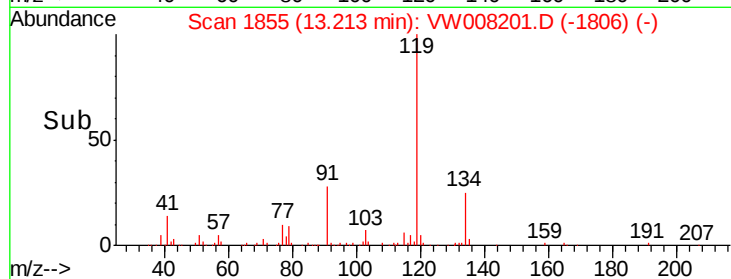
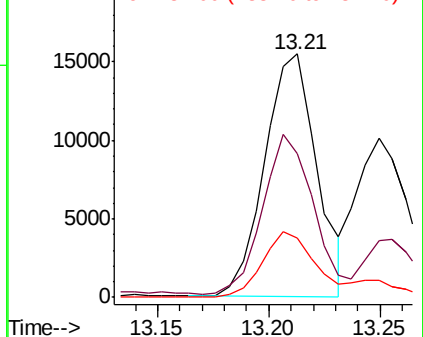
#83
tert-Butylbenzene
Concen: 25.709 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tgt Ion:119 Resp: 25101
Ion Ratio Lower Upper
119 100
91 65.0 33.9 101.6
134 27.9 13.6 40.8

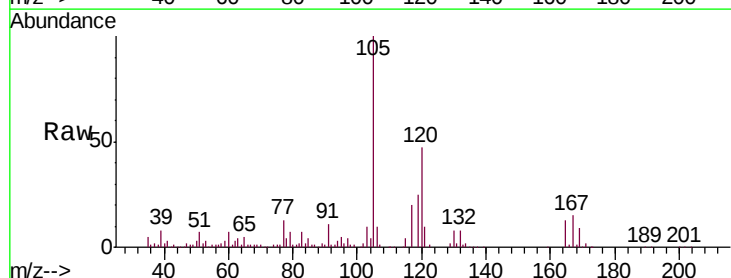


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

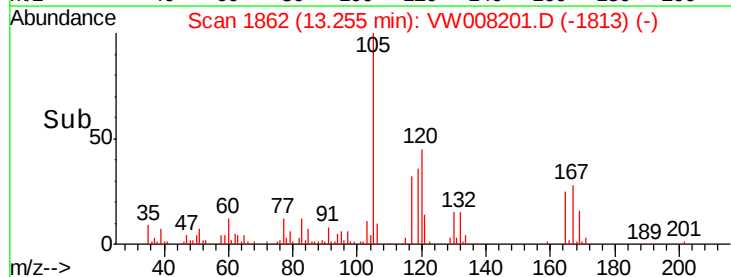
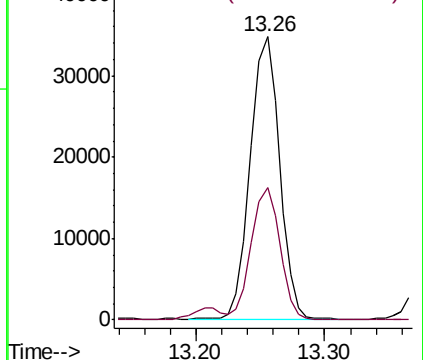


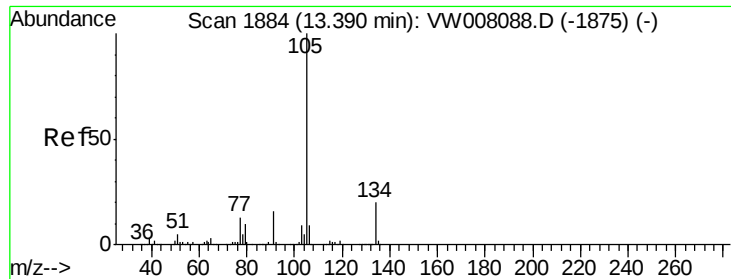
#84
1,2,4-Trimethylbenzene
Concen: 48.372 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion:105 Resp: 55059
Ion Ratio Lower Upper
105 100
120 45.8 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

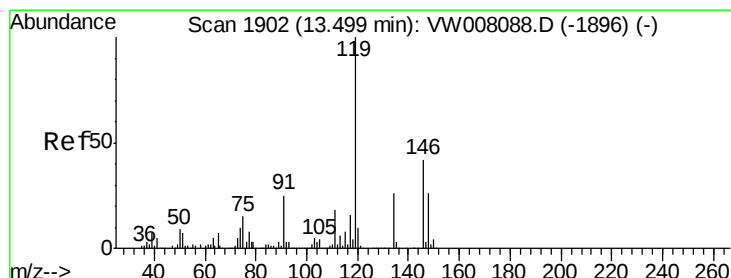
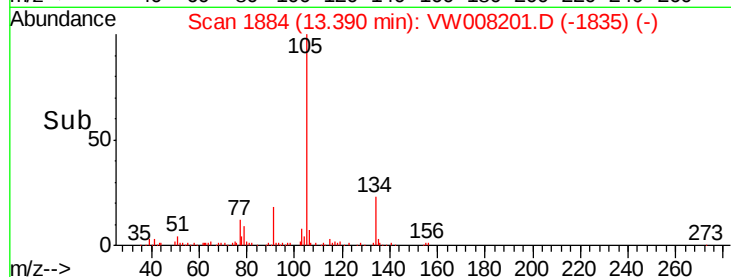
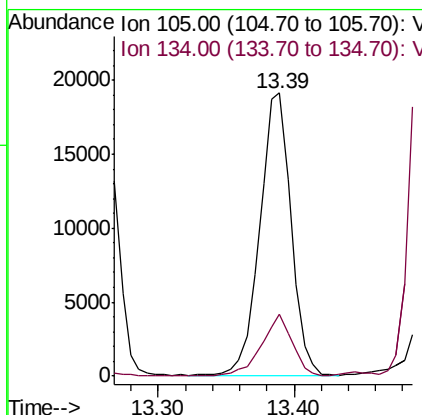
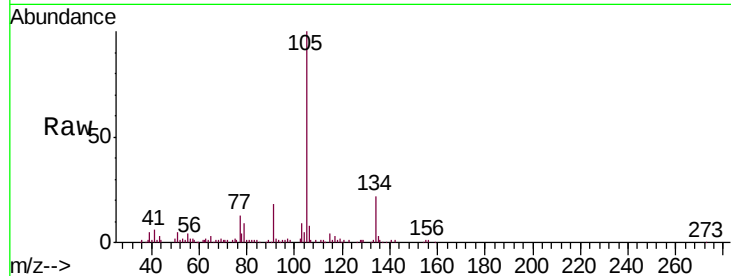




#85
 sec-Butylbenzene
 Concen: 21.736 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

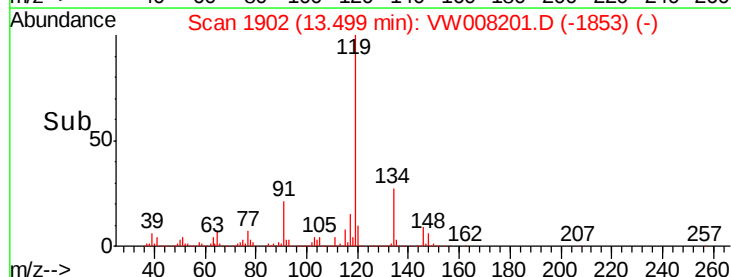
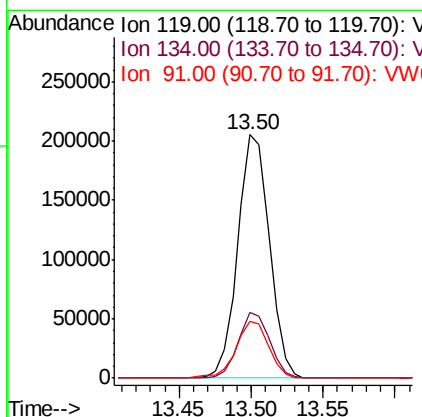
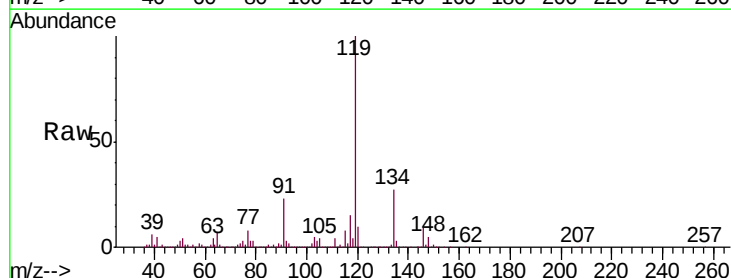
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

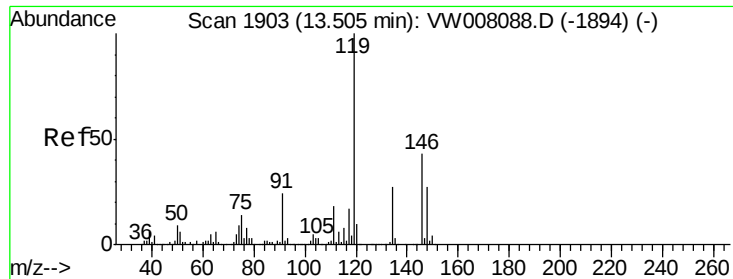
Tgt Ion:105 Resp: 31087
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 253.617 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion:119 Resp: 313227
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 24.3 12.3 36.9

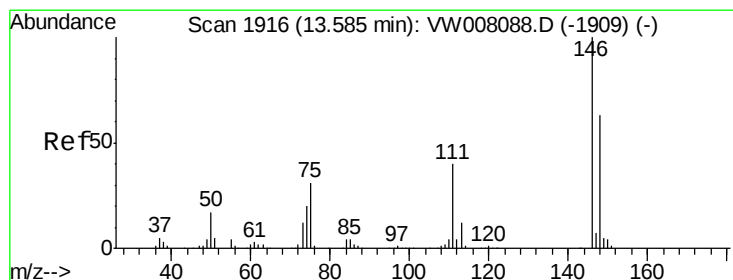
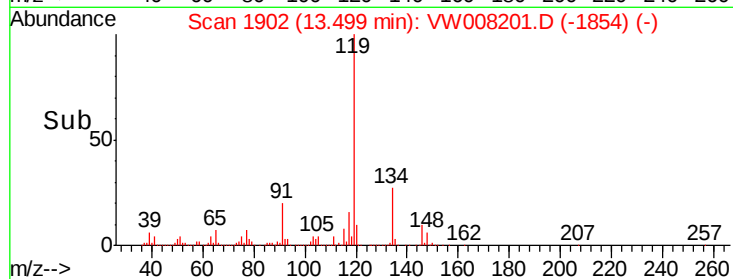
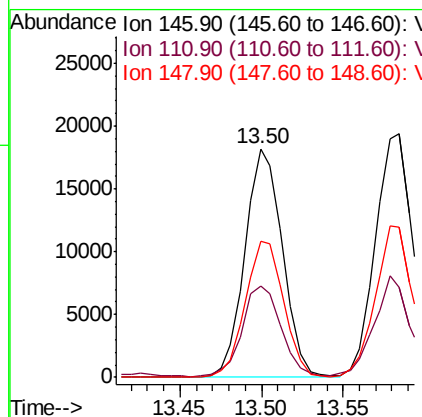
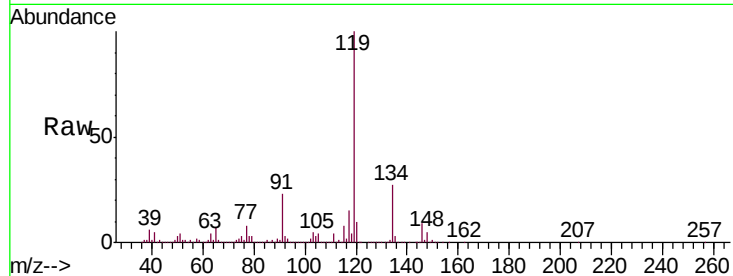




#87
 1,3-Dichlorobenzene
 Concen: 50.640 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

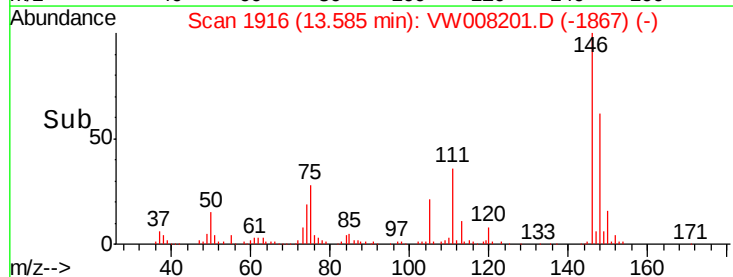
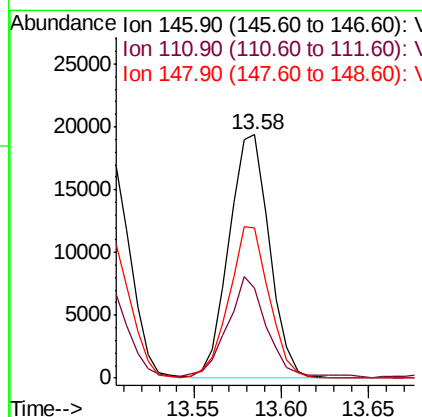
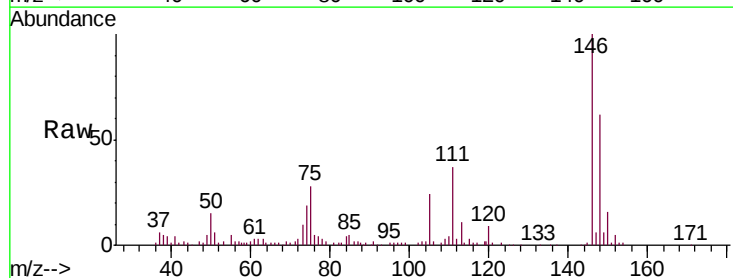
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

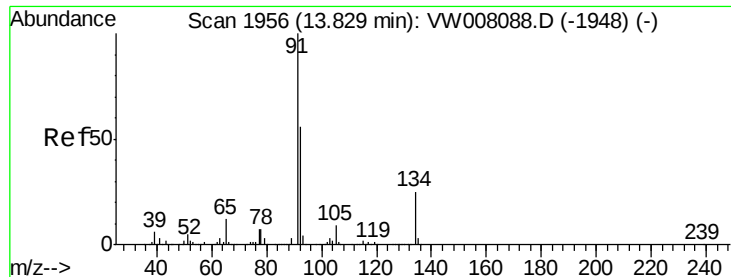
Tgt Ion:146 Resp: 29150
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.1
 148 60.7 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 53.784 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion:146 Resp: 31062
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.5 61.5
 148 62.0 31.6 94.8





#89

n-Butylbenzene

Concen: 17.701 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

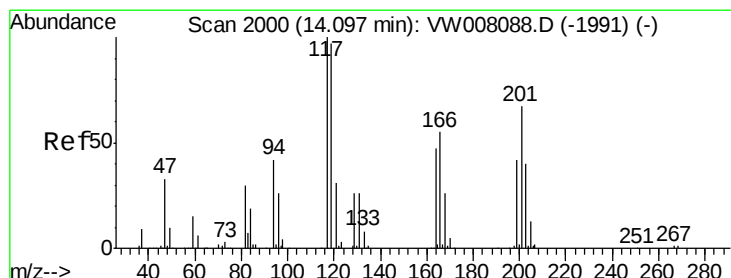
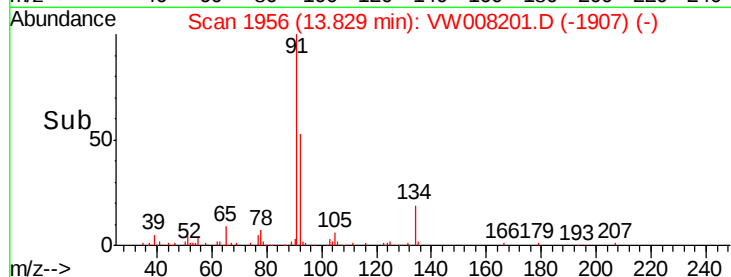
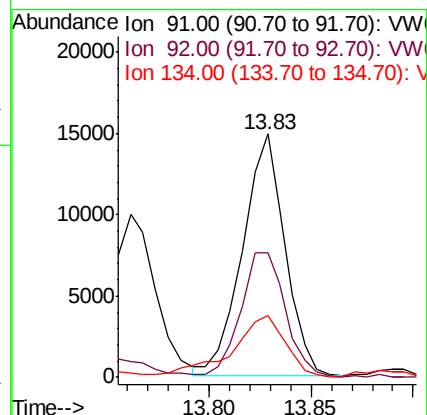
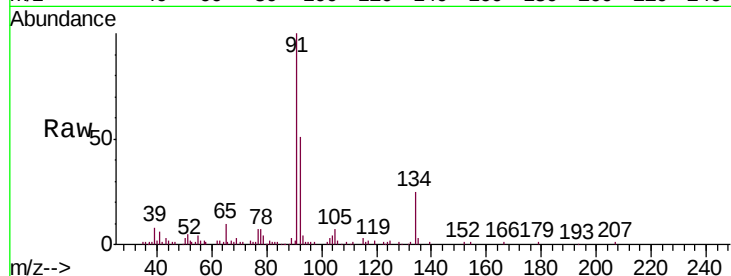
Tgt Ion: 91 Resp: 21411

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.2

134 33.1 12.6 37.8



#90

Hexachloroethane

Concen: 26.768 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008201.D

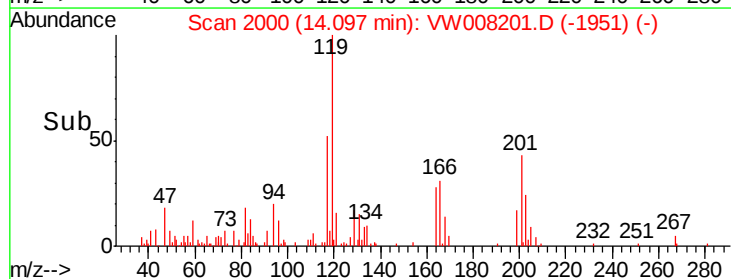
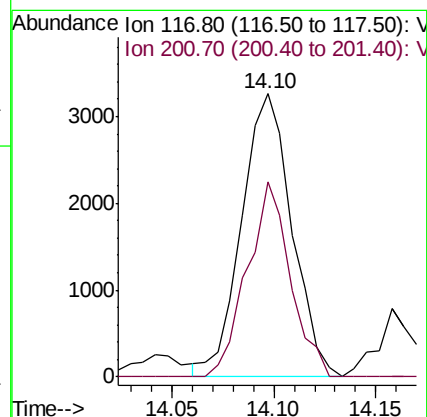
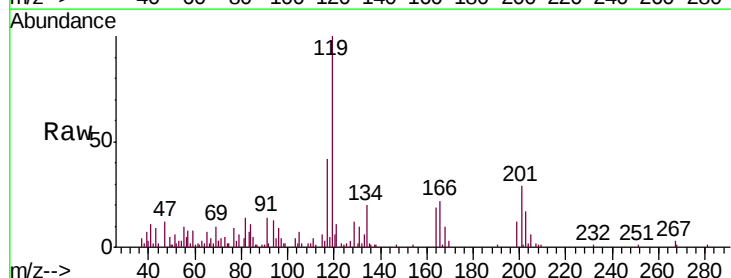
Acq: 11 Jan 2019 18:25

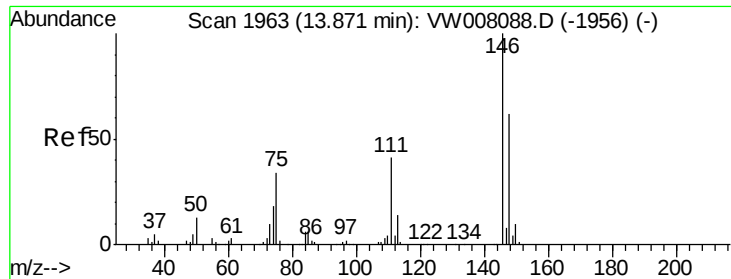
Tgt Ion: 117 Resp: 5584

Ion Ratio Lower Upper

117 100

201 59.1 33.0 98.9

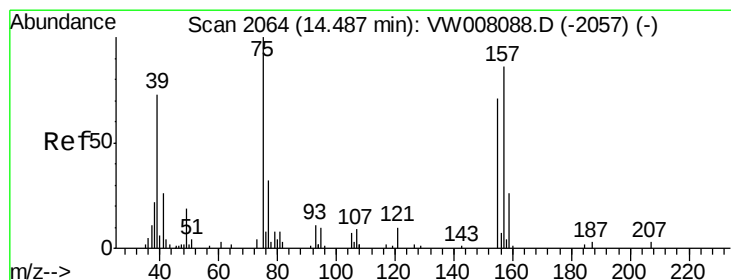
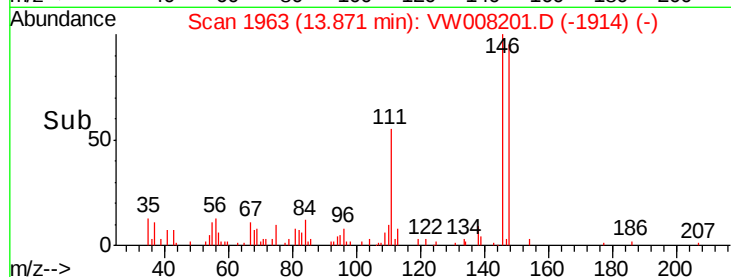
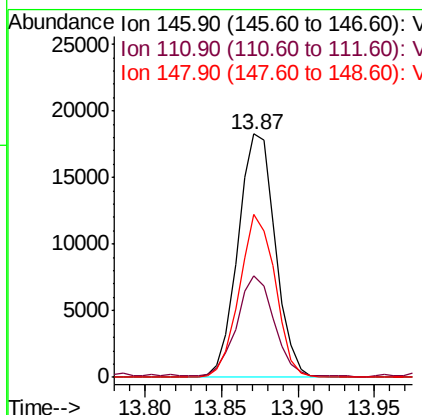
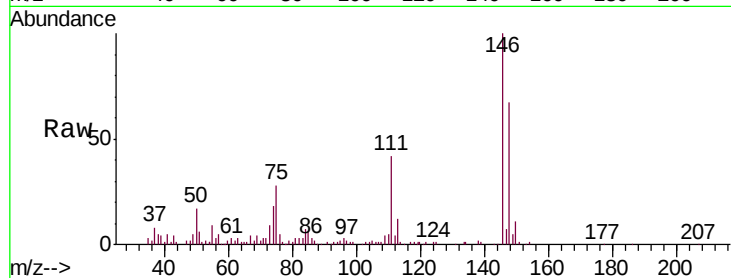




#91
 1,2-Dichlorobenzene
 Concen: 61.199 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

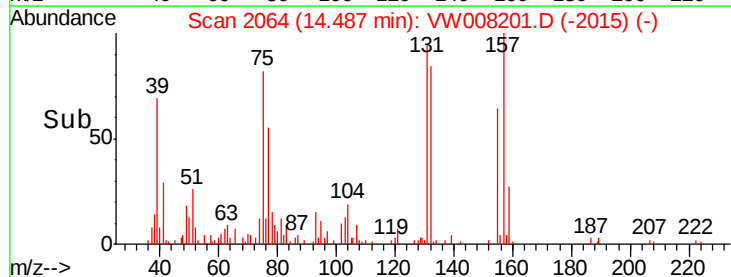
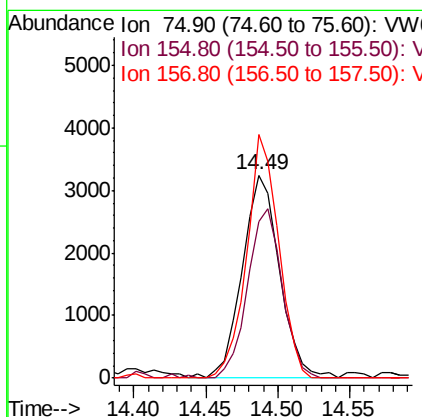
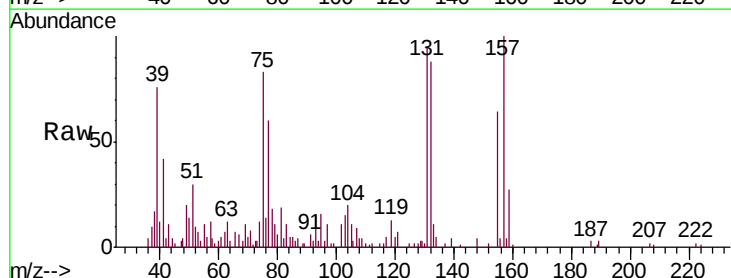
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

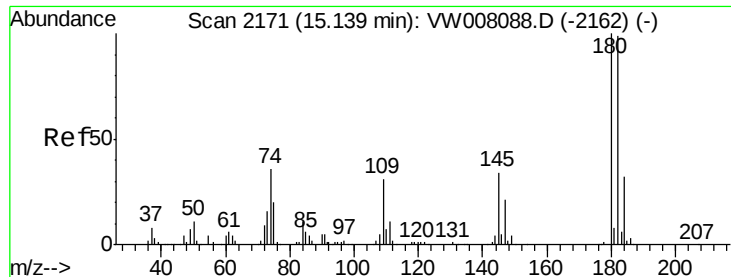
Tgt Ion:146 Resp: 30960
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.3 63.7
 148 64.0 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 168.119 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion: 75 Resp: 5816
 Ion Ratio Lower Upper
 75 100
 155 76.8 38.6 115.7
 157 102.3 47.5 142.6

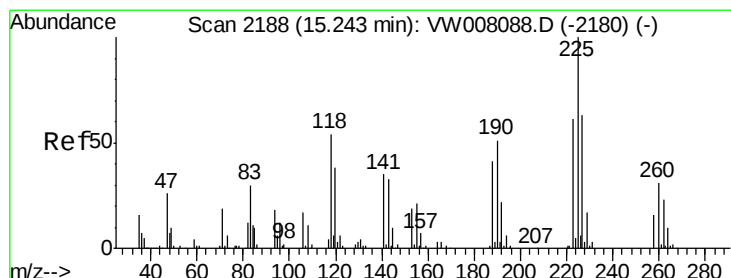
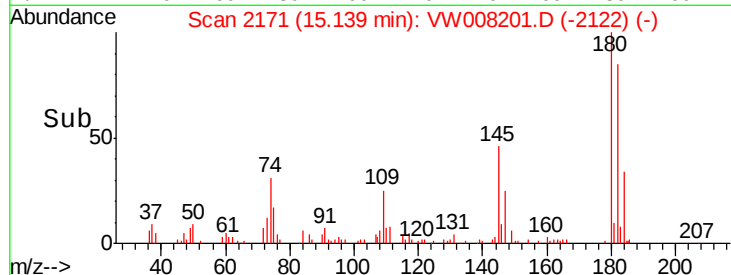
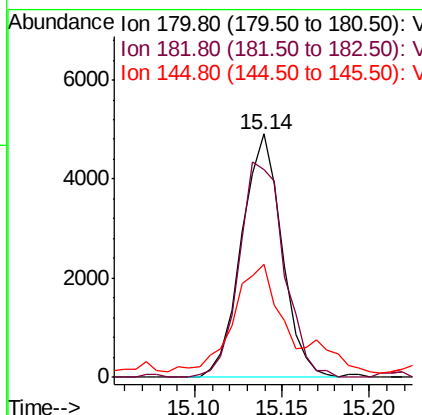
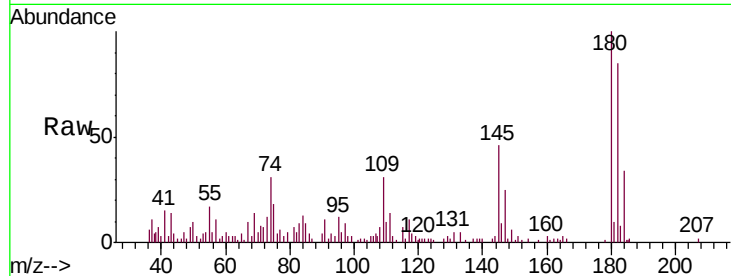




#93
 1,2,4-Trichlorobenzene
 Concen: 23.470 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

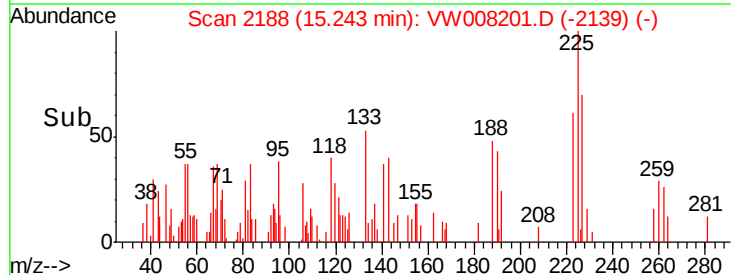
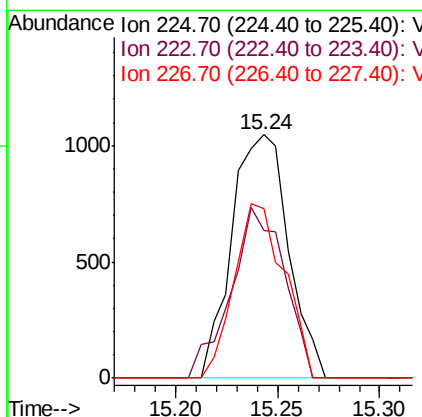
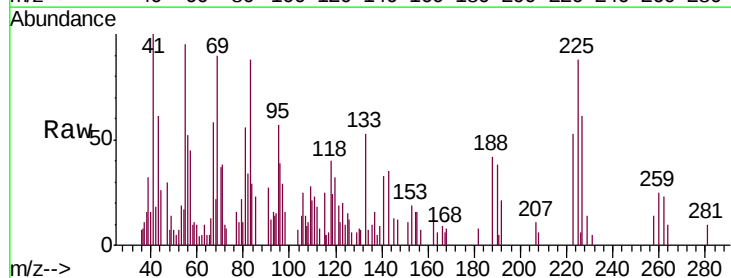
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MSD

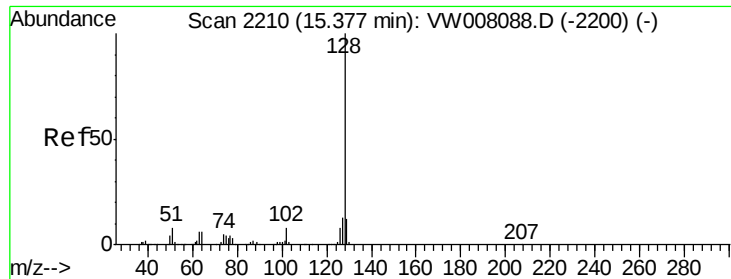
Tgt Ion:180 Resp: 7883
 Ion Ratio Lower Upper
 180 100
 182 98.3 48.6 145.9
 145 51.6 16.6 49.7#



#94
 Hexachlorobutadiene
 Concen: 11.248 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion:225 Resp: 2022
 Ion Ratio Lower Upper
 225 100
 223 66.1 31.4 94.3
 227 63.3 32.0 96.2





#95

Naphthalene

Concen: 73.270 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

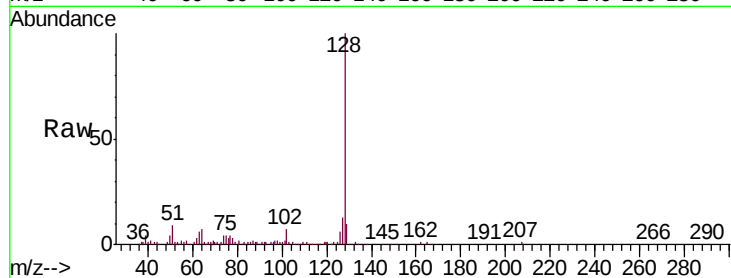
Tgt Ion:128 Resp: 45951

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

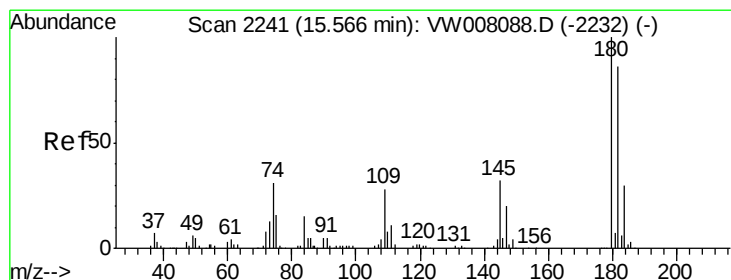
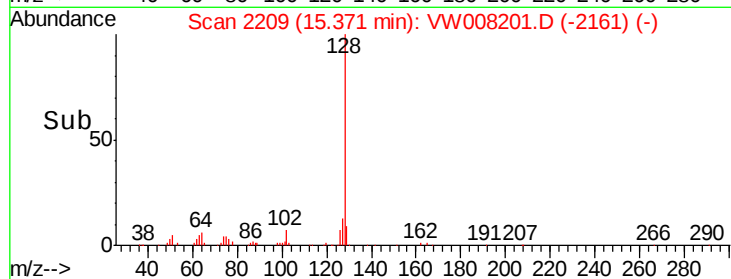
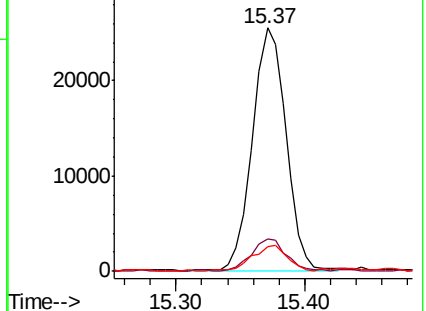
129 11.3 9.0 13.6



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: 26.051 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

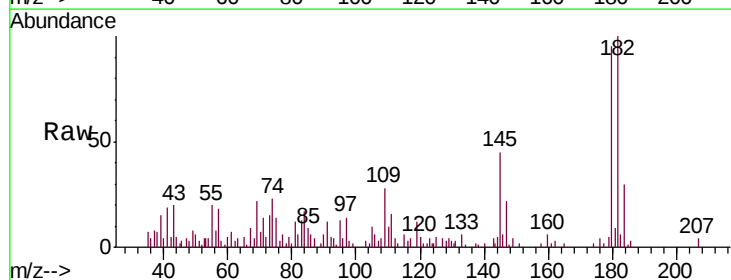
Tgt Ion:180 Resp: 7459

Ion Ratio Lower Upper

180 100

182 99.5 46.5 139.3

145 59.7 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

