

Data File : VW008202.D
Acq On : 11 Jan 2019 18:51
Operator : SY/VA
Sample : K1088-10MS
Misc : 5.07G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 12 00:14:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	155784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41864	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51562	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.88	113	50416	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
50) Toluene-d8	10.32	98	174219	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
62) 4-Bromofluorobenzene	12.62	95	49400	36.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	39842	53.610	ug/l	97
3) Chloromethane	2.22	50	47811	49.587	ug/l	96
4) Vinyl Chloride	2.37	62	60870	48.372	ug/l	97
5) Bromomethane	2.78	94	43855	46.522	ug/l	100
6) Chloroethane	2.93	64	40458	42.726	ug/l	95
7) Trichlorofluoromethane	3.26	101	42977	42.009	ug/l	97
8) Diethyl Ether	3.68	74	30228	52.266	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41315	40.676	ug/l	97
10) Methyl Iodide	4.27	142	76483	51.666	ug/l	100
11) Tert butyl alcohol	5.21	59	16635	267.156	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	49512	49.650	ug/l	85
13) Acrolein	3.90	56	9626	140.619	ug/l	93
14) Allyl chloride	4.67	41	82777	45.719	ug/l	98
15) Acrylonitrile	5.37	53	59381	269.684	ug/l	97
16) Acetone	4.13	43	67228	376.106	ug/l	95
17) Carbon Disulfide	4.37	76	141438	45.402	ug/l	100
18) Methyl Acetate	4.67	43	43533	67.300	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	88482	54.578	ug/l	95
20) Methylene Chloride	4.91	84	62533	63.340	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	53982	49.812	ug/l	89
22) Diisopropyl ether	6.31	45	180750	52.345	ug/l	98
23) Vinyl Acetate	6.26	43	396144	218.436	ug/l	97
24) 1,1-Dichloroethane	6.21	63	101509	50.453	ug/l	99
25) 2-Butanone	7.17	43	80290	281.958	ug/l	99
26) 2,2-Dichloropropane	7.16	77	62219	45.640	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	60136	50.860	ug/l	93
28) Bromochloromethane	7.51	49	41450	52.086	ug/l	91
29) Tetrahydrofuran	7.53	42	50114	263.460	ug/l	98
30) Chloroform	7.67	83	100868	52.670	ug/l	95
31) Cyclohexane	7.95	56	57213	26.563	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	76482	45.898	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68381	42.612	ug/l	98
37) Ethyl Acetate	7.25	43	31954	49.703	ug/l	97
38) Carbon Tetrachloride	8.07	117	63884	43.495	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	40167	19.740	ug/l	95
40) Benzene	8.32	78	219653	50.466	ug/l	100
41) Methacrylonitrile	7.49	41	21677	53.376	ug/l	94
42) 1,2-Dichloroethane	8.40	62	61949	50.605	ug/l	97
43) Isopropyl Acetate	8.43	43	66615	51.824	ug/l	99
44) Trichloroethene	9.09	130	53462	47.983	ug/l	99
45) 1,2-Dichloropropane	9.37	63	55167	51.117	ug/l	92
46) Dibromomethane	9.46	93	27075	51.083	ug/l	92
47) Bromodichloromethane	9.65	83	68590	50.966	ug/l #	97
48) Methyl methacrylate	9.43	41	33766	55.670	ug/l	97
49) 1,4-Dioxane	9.46	88	8369	981.859	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	163265	262.395	ug/l	98
52) Toluene	10.39	92	123011	44.254	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66809	47.724	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	79904	48.135	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40449	54.357	ug/l	95
56) Ethyl methacrylate	10.65	69	50289	54.570	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70140	51.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	120922	254.022	ug/l	96
59) 2-Hexanone	10.97	43	118308	281.172	ug/l	97
60) Dibromochloromethane	11.13	129	44830	54.861	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37308	52.837	ug/l	99
64) Tetrachloroethene	10.86	164	39956	50.632	ug/l	95
65) Chlorobenzene	11.66	112	124609	48.506	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46672	55.857	ug/l	98
67) Ethyl Benzene	11.73	91	194517	41.383	ug/l	95
68) m/p-Xylenes	11.84	106	148651	82.855	ug/l	97
69) o-Xylene	12.17	106	73613	44.307	ug/l	96
70) Styrene	12.18	104	117365	45.100	ug/l	98
71) Bromoform	12.35	173	23446	62.698	ug/l #	98
73) Isopropylbenzene	12.47	105	158977	48.370	ug/l	98
74) N-amyl acetate	12.27	43	63590	87.366	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	42026	79.884	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52735	138.182	ug/l #	11
77) Bromobenzene	12.75	156	44113	63.520	ug/l	94
78) n-propylbenzene	12.80	91	169318	42.044	ug/l	98
79) 2-Chlorotoluene	12.90	91	107314	47.764	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	114473	42.383	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12233	74.644	ug/l	95
82) 4-Chlorotoluene	12.99	91	110816	46.831	ug/l	96
83) tert-Butylbenzene	13.21	119	89038	37.263	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	120603	43.295	ug/l	98
85) sec-Butylbenzene	13.39	105	119091	34.024	ug/l	97
86) p-Isopropyltoluene	13.50	119	100737	33.328	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	65862	46.752	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	65083	46.046	ug/l	98
89) n-Butylbenzene	13.83	91	83815	28.313	ug/l	99
90) Hexachloroethane	14.10	117	19806	38.795	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	62635	50.590	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6411	75.723	ug/l	87

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	24384	29.664	ug/l #	78
94) Hexachlorobutadiene	15.24	225	7906	17.970	ug/l	98
95) Naphthalene	15.37	128	71745	46.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	21280	30.368	ug/l #	75

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

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Misc : 5.07G/5ML/MSVOA W/SOIL

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ALS Vial      : 12      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

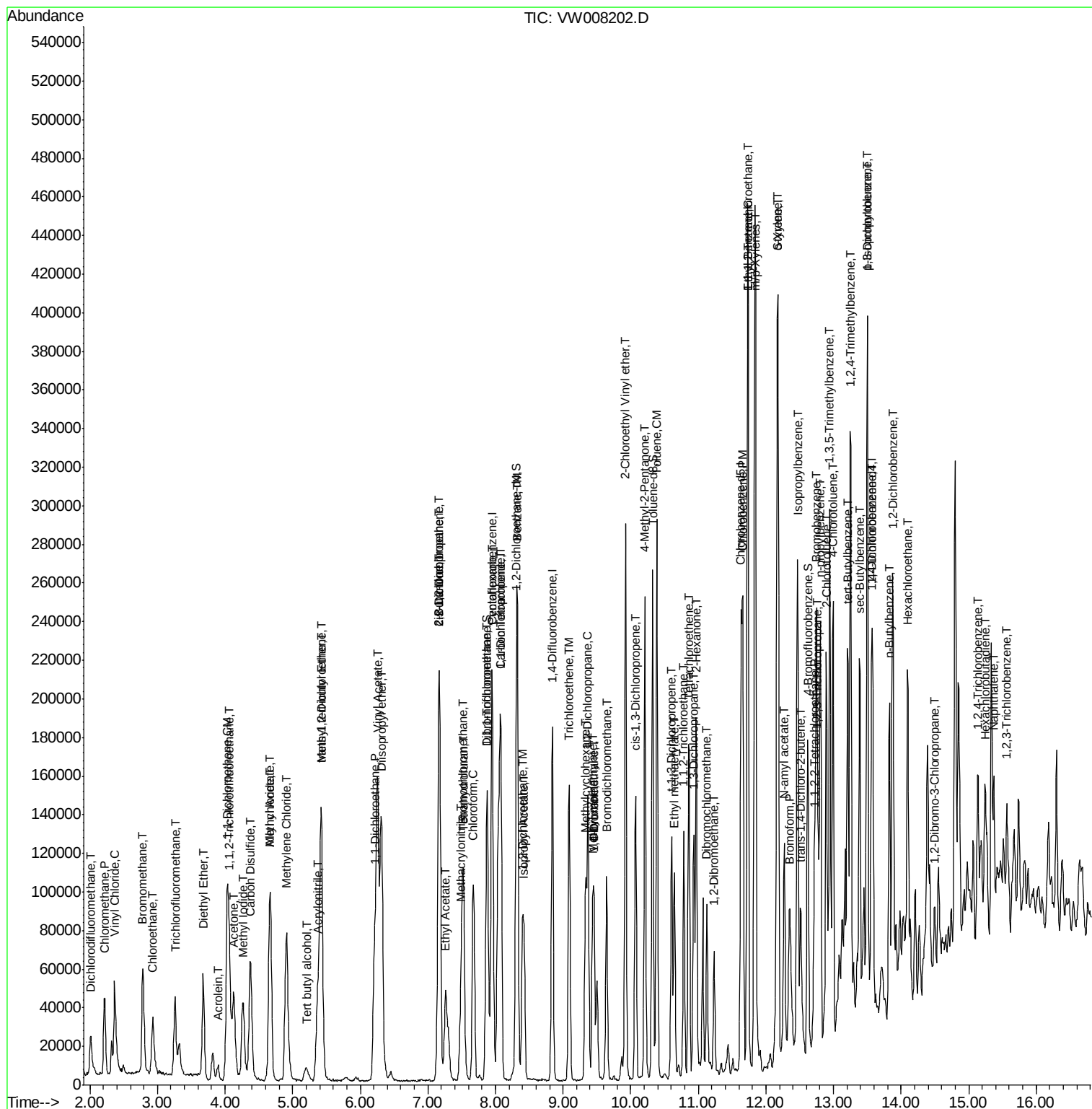
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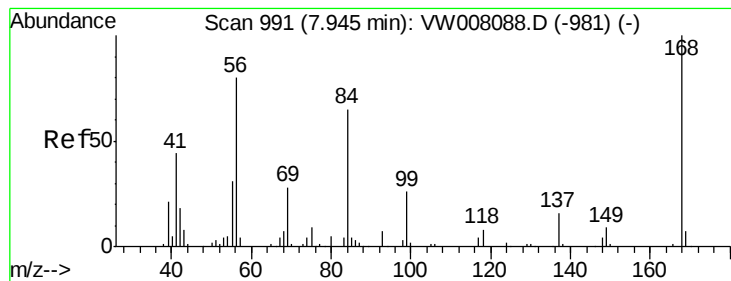
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W010819S.M

Quant Title : SW846 8260

QLast Update : Wed Jan 09 04:40:48 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

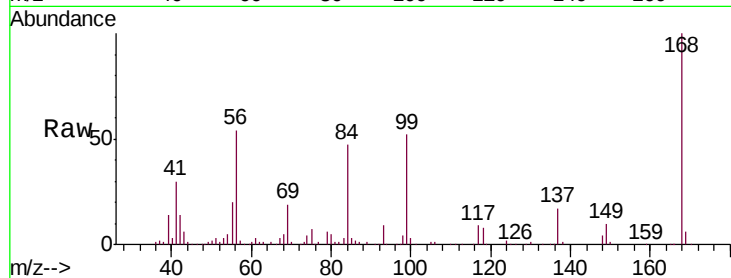
CPSB-06(15-20)MS

Tgt Ion:168 Resp: 91062

Ion Ratio Lower Upper

168 100

99 52.1 52.6 78.8#

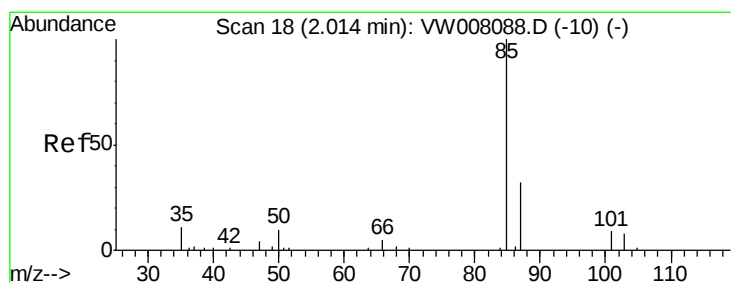
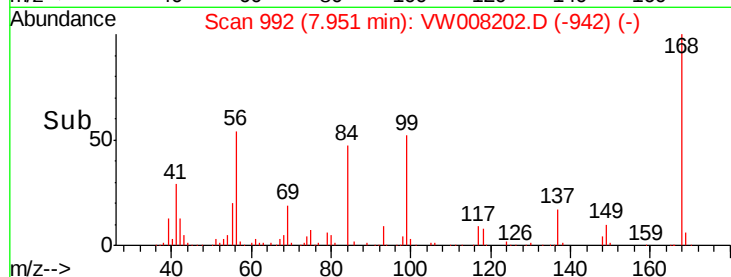


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->



#2

Dichlorodifluoromethane

Concen: 53.610 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008202.D

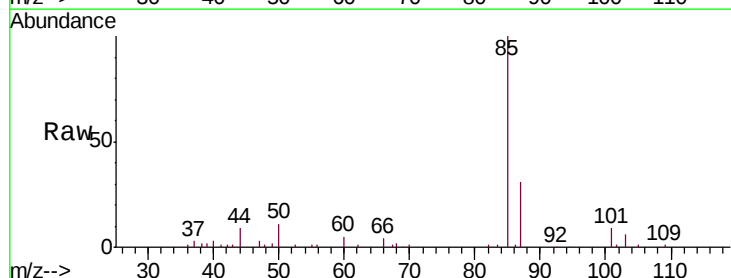
Acq: 11 Jan 2019 18:51

Tgt Ion: 85 Resp: 39842

Ion Ratio Lower Upper

85 100

87 30.6 16.1 48.3

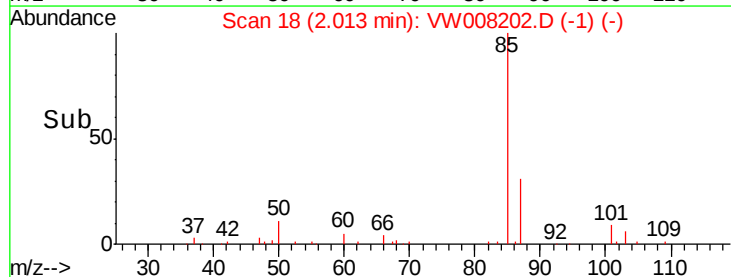


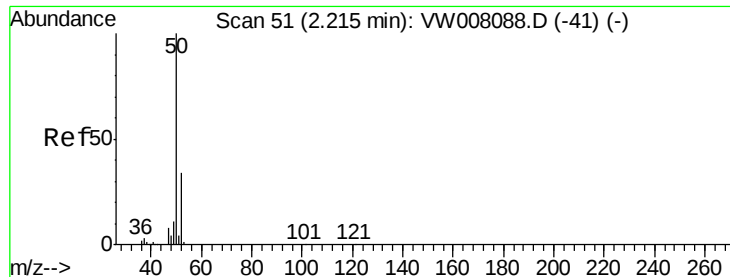
Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

Time-->





#3

Chloromethane

Concen: 49.587 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

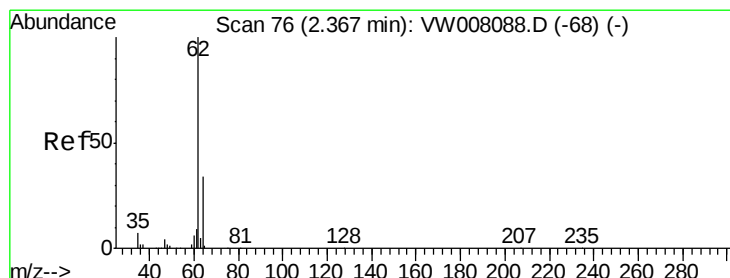
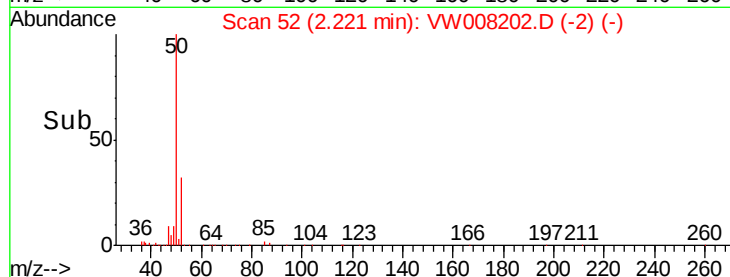
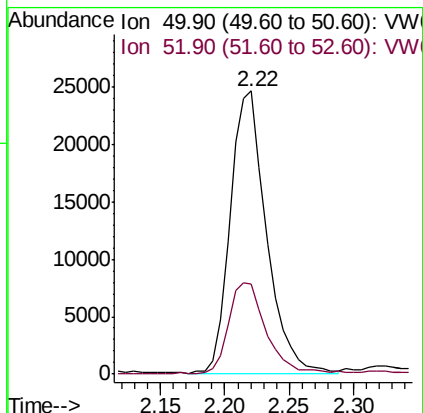
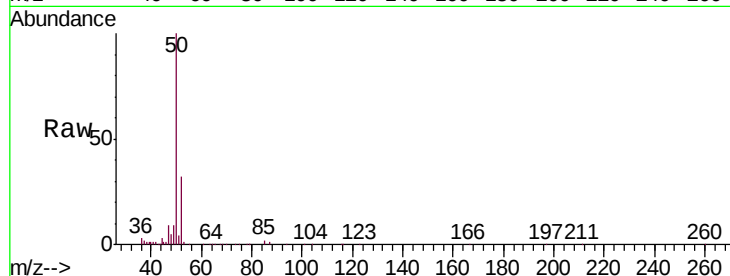
CPSB-06(15-20)MS

Tgt Ion: 50 Resp: 47811

Ion Ratio Lower Upper

50 100

52 31.5 26.8 40.2



#4

Vinyl Chloride

Concen: 48.372 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008202.D

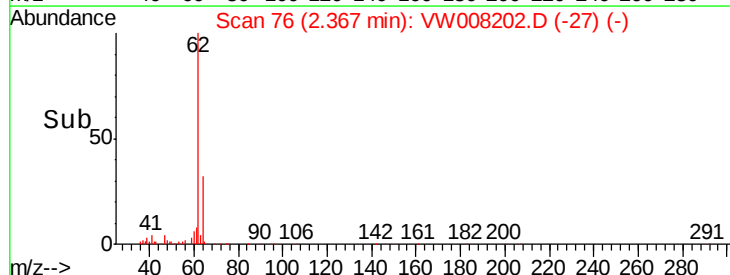
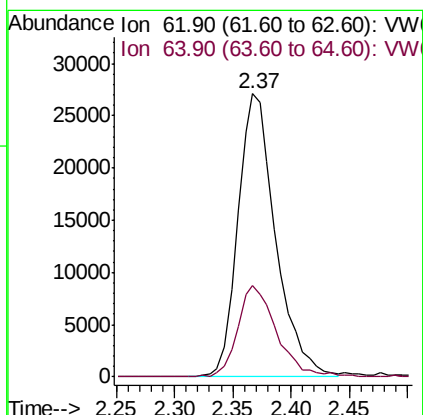
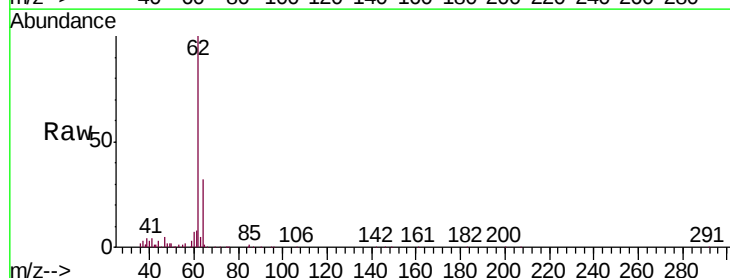
Acq: 11 Jan 2019 18:51

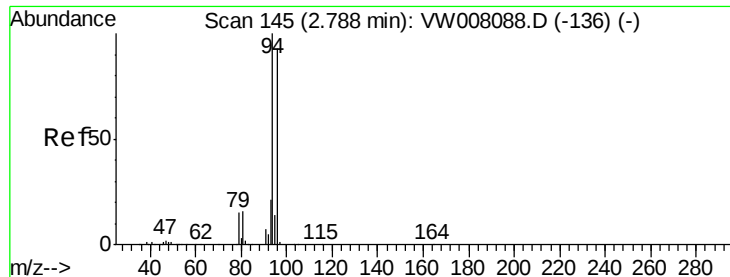
Tgt Ion: 62 Resp: 60870

Ion Ratio Lower Upper

62 100

64 32.1 27.0 40.6





#5

Bromomethane

Concen: 46.522 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

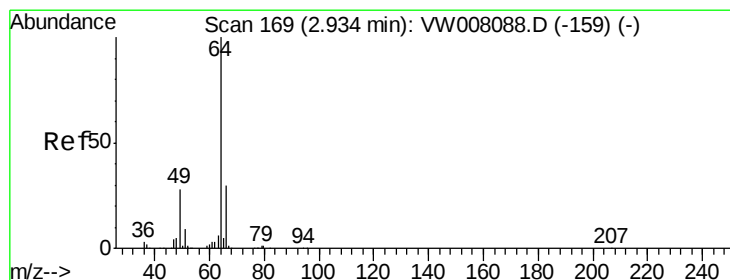
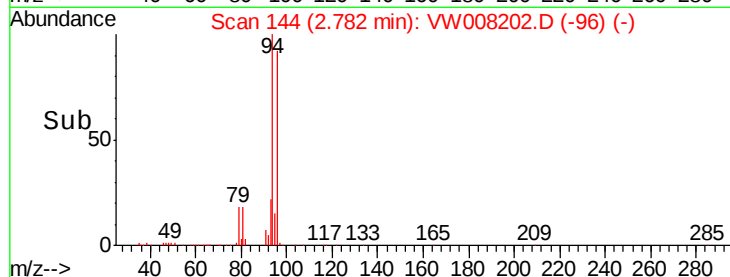
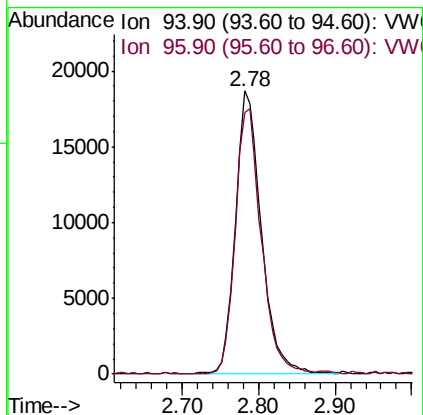
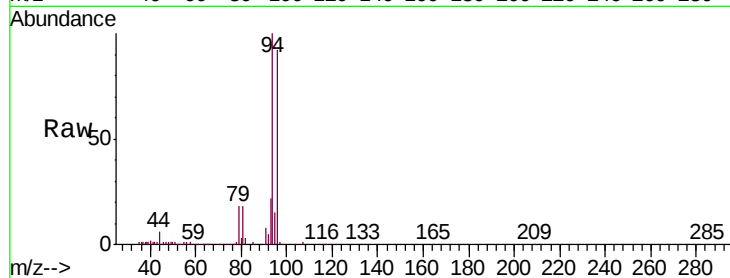
CPSB-06(15-20)MS

Tgt Ion: 94 Resp: 43855

Ion Ratio Lower Upper

94 100

96 92.4 74.1 111.1



#6

Chloroethane

Concen: 42.726 ug/l

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW008202.D

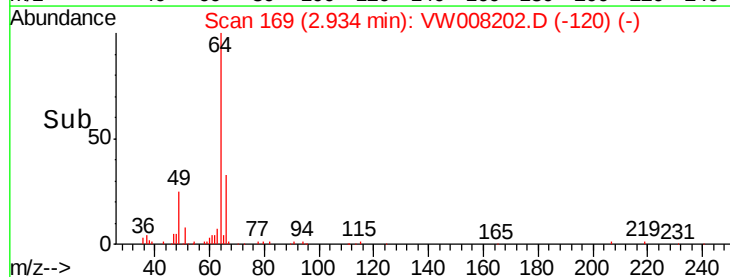
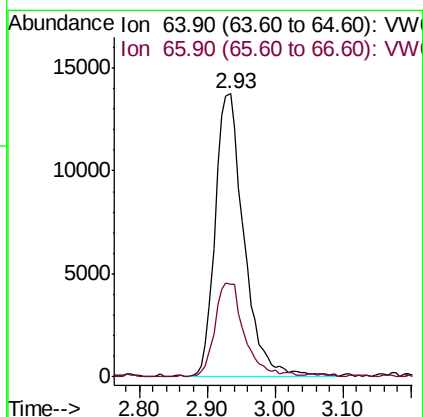
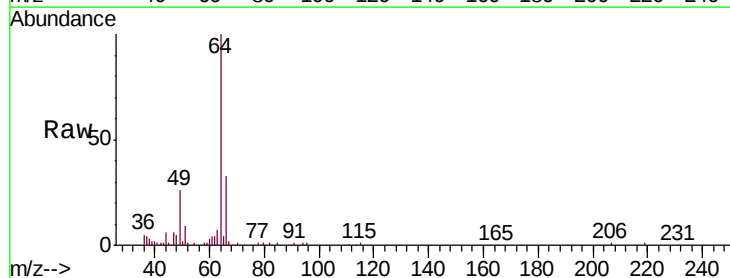
Acq: 11 Jan 2019 18:51

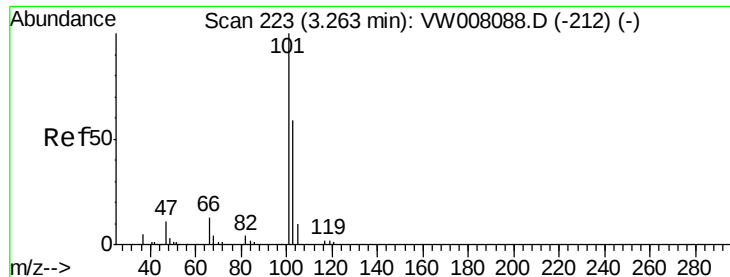
Tgt Ion: 64 Resp: 40458

Ion Ratio Lower Upper

64 100

66 32.9 24.2 36.2



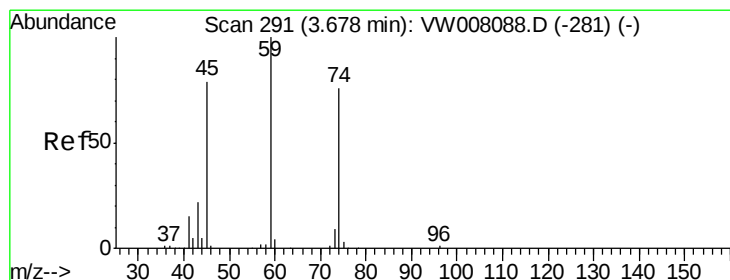
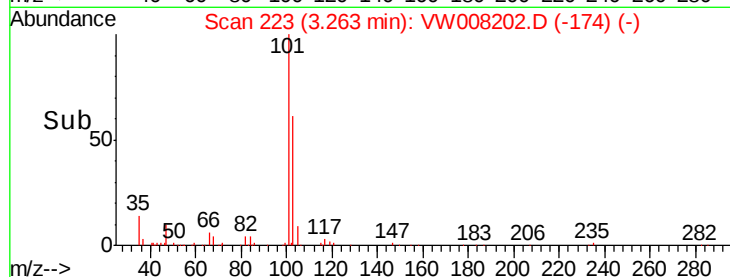
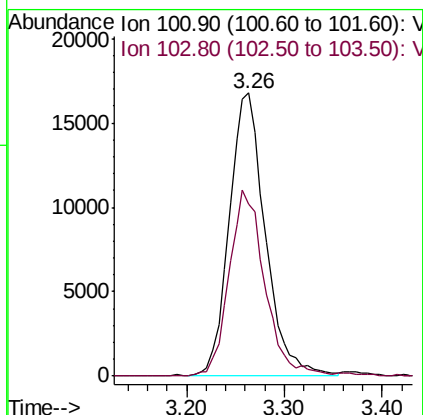
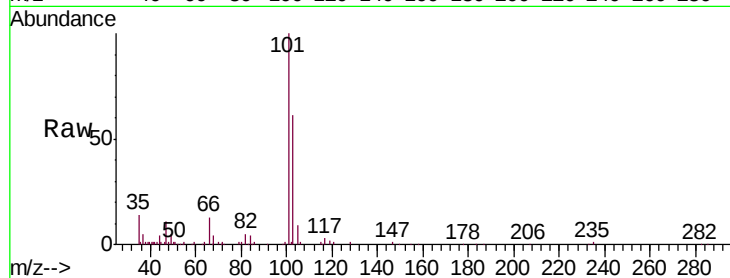


#7

Trichlorofluoromethane
 Concen: 42.009 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
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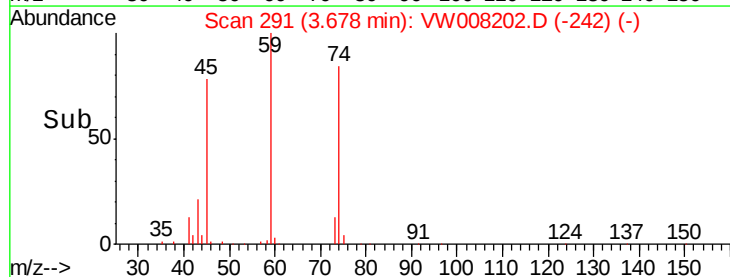
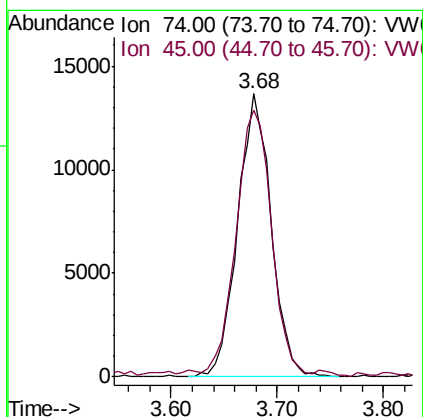
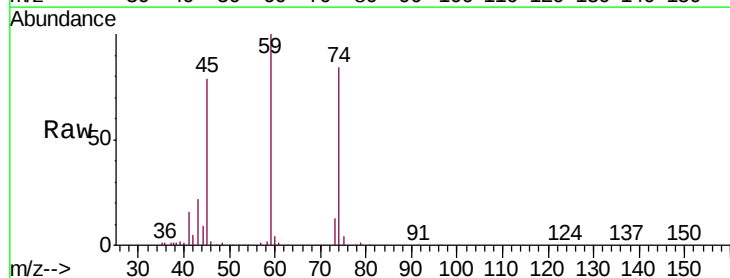
Tgt Ion:101 Resp: 42977
 Ion Ratio Lower Upper
 101 100
 103 60.8 47.0 70.6

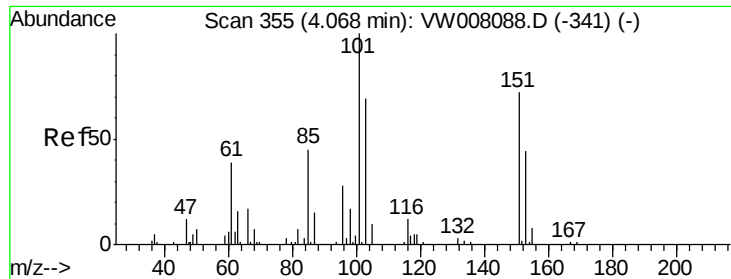


#8

Diethyl Ether
 Concen: 52.266 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion: 74 Resp: 30228
 Ion Ratio Lower Upper
 74 100
 45 96.7 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.676 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008202.D

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Instrument :

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ClientSampleId :

CPSB-06(15-20)MS

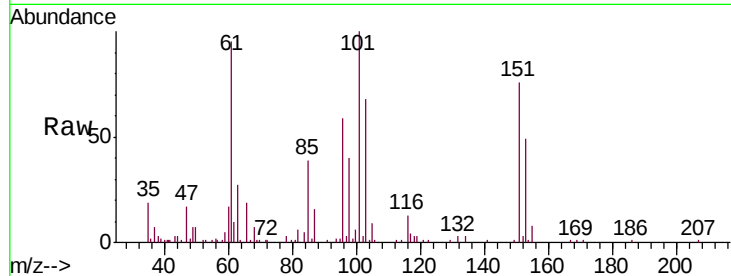
Tgt Ion:101 Resp: 41315

Ion Ratio Lower Upper

101 100

85 42.4 35.9 53.9

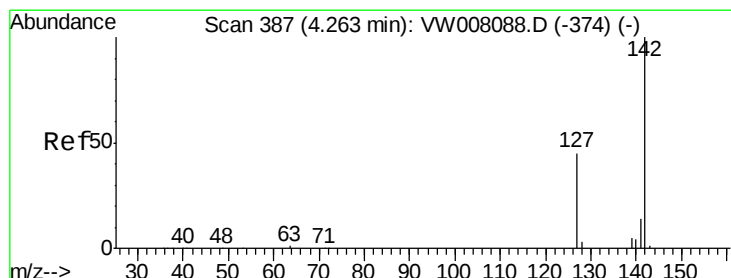
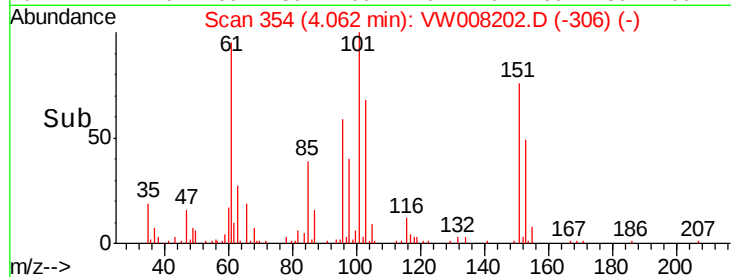
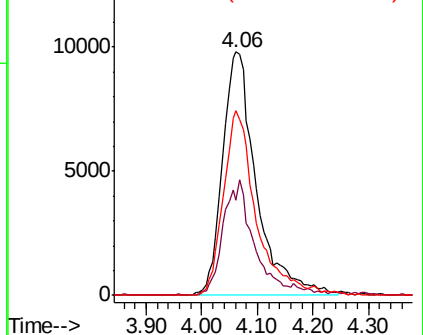
151 72.2 55.8 83.8



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: 51.666 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

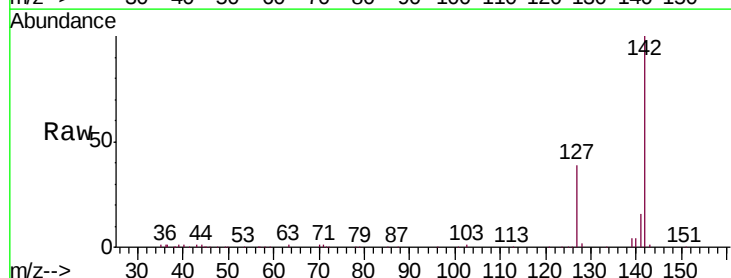
Tgt Ion:142 Resp: 76483

Ion Ratio Lower Upper

142 100

127 43.4 35.0 52.4

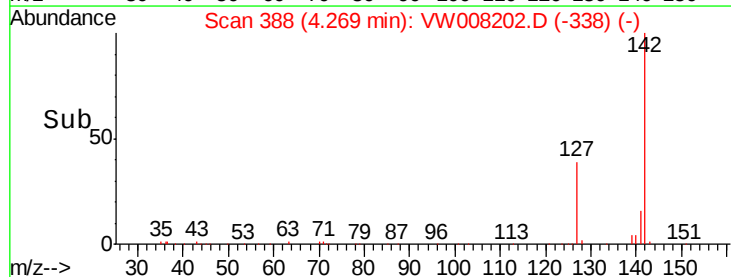
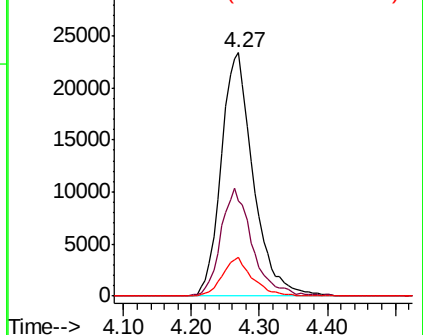
141 14.8 11.8 17.6

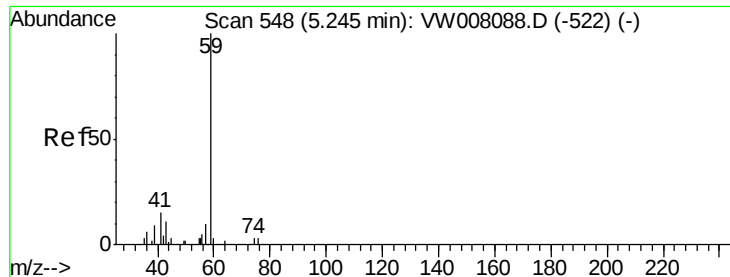


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



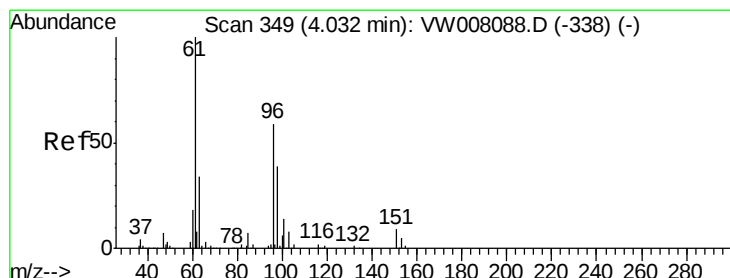
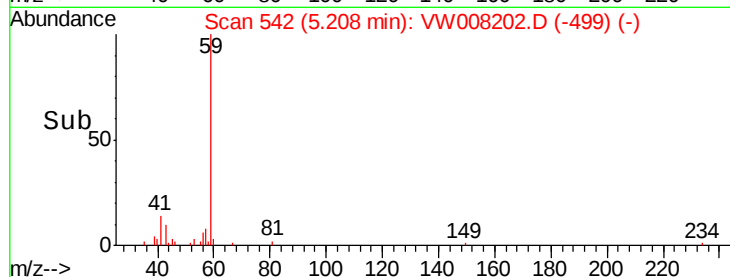
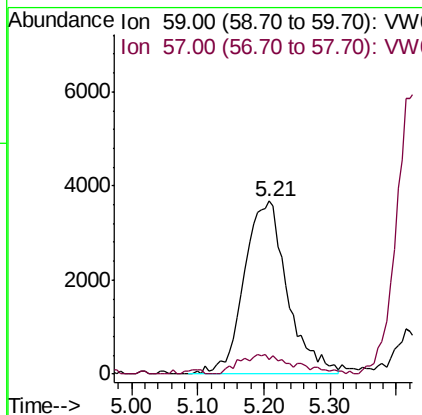
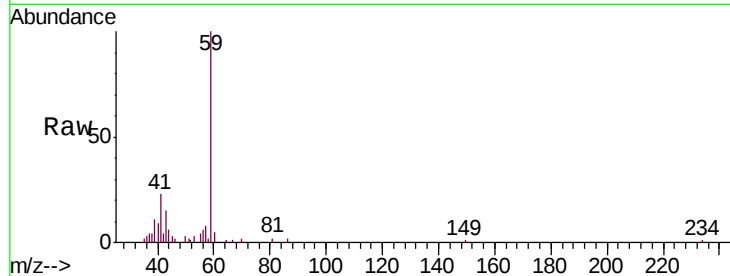


#11

Tert butyl alcohol
 Concen: 267.156 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.04 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

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

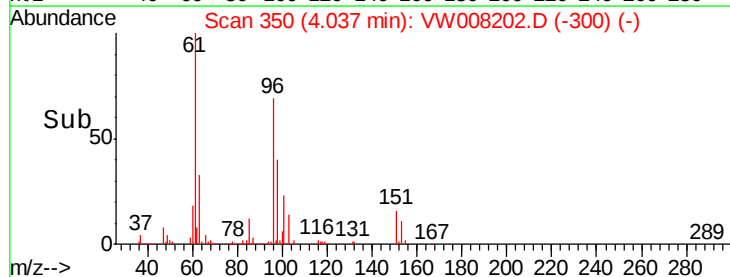
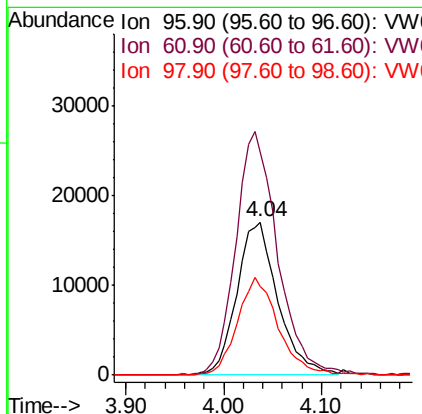
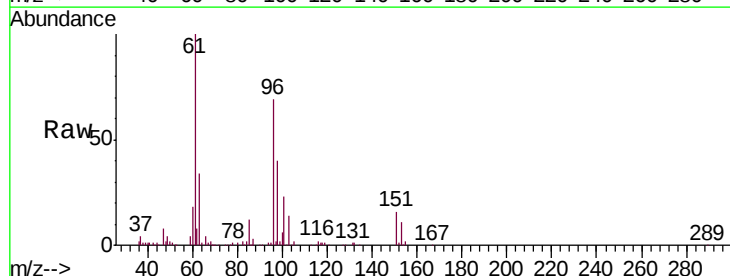
Tgt Ion: 59 Resp: 16635
 Ion Ratio Lower Upper
 59 100
 57 11.1 0.0 0.0#

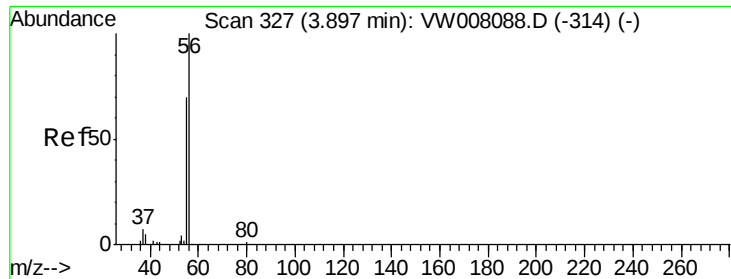


#12

1,1-Dichloroethene
 Concen: 49.650 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion: 96 Resp: 49512
 Ion Ratio Lower Upper
 96 100
 61 145.4 135.4 203.2
 98 57.8 52.5 78.7

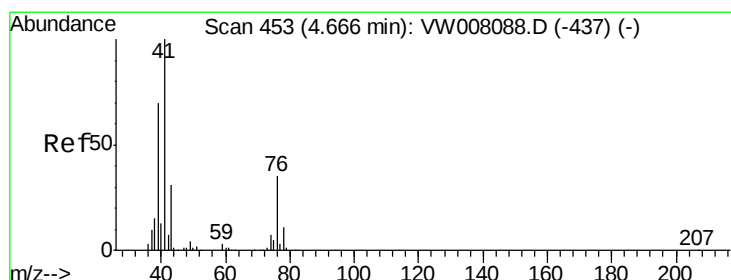
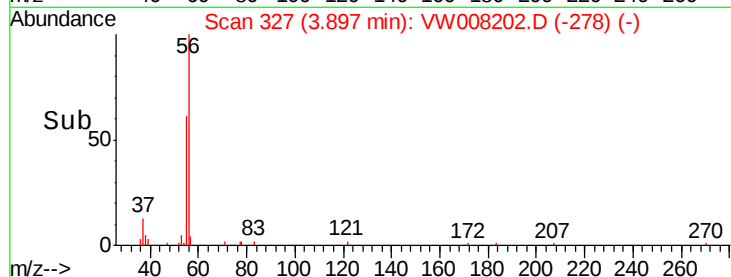
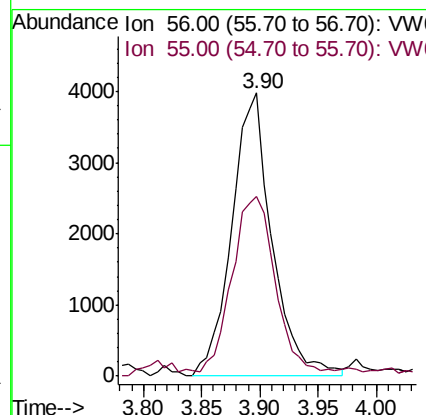
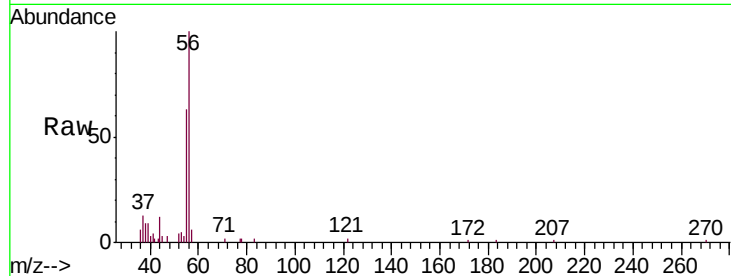




#13
Acrolein
Concen: 140.619 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

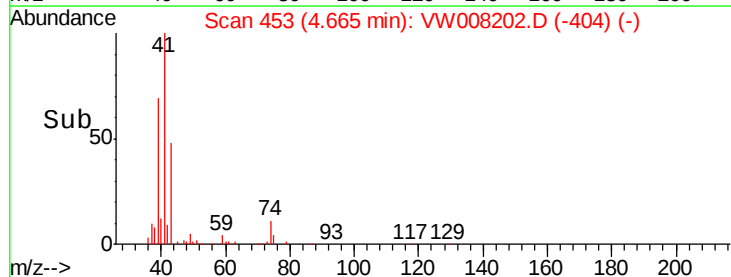
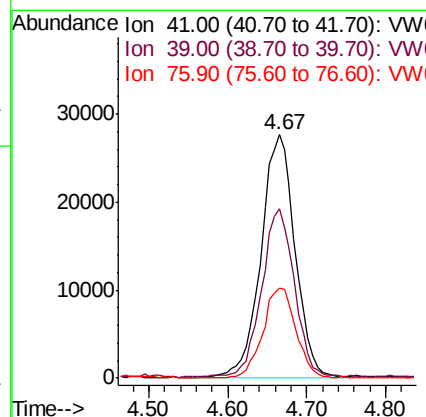
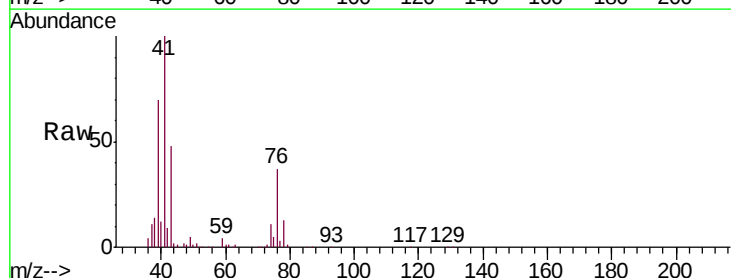
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

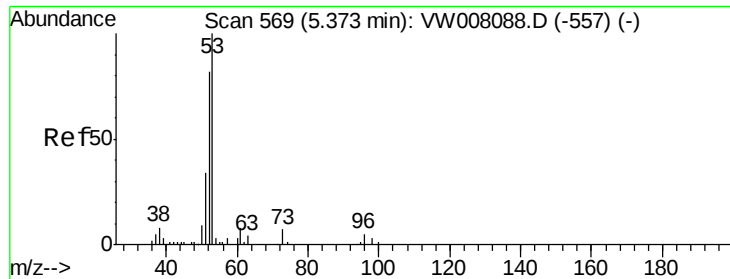
Tgt Ion: 56 Resp: 9626
Ion Ratio Lower Upper
56 100
55 65.1 56.6 84.8



#14
Allyl chloride
Concen: 45.719 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 41 Resp: 82777
Ion Ratio Lower Upper
41 100
39 66.5 53.8 80.8
76 36.4 27.6 41.4

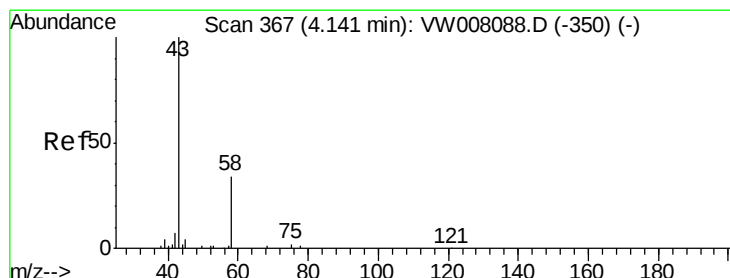
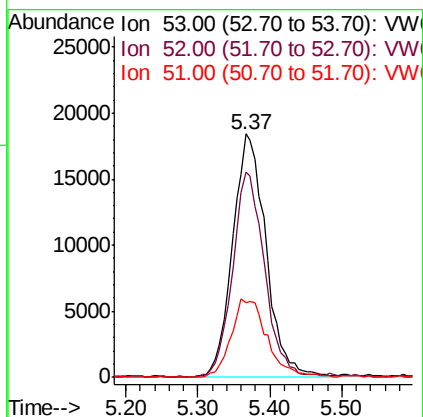
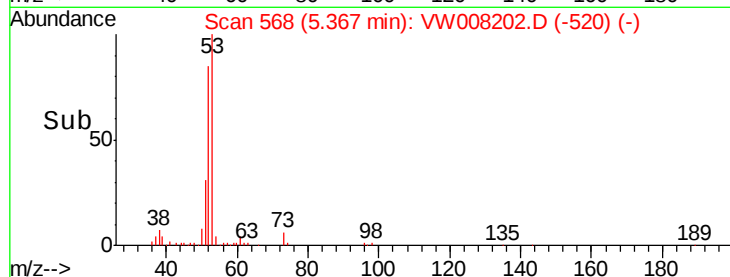
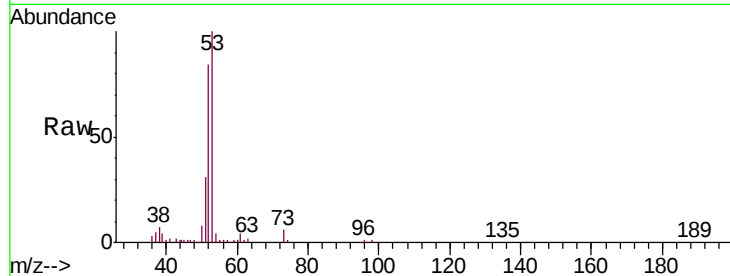




#15
 Acrylonitrile
 Concen: 269.684 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

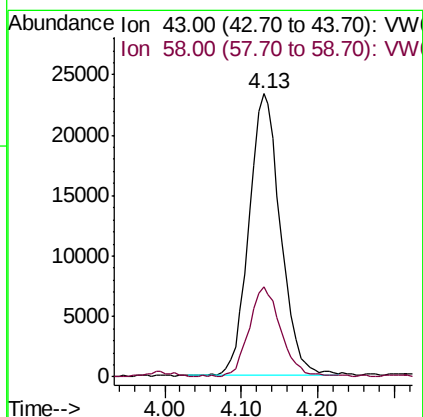
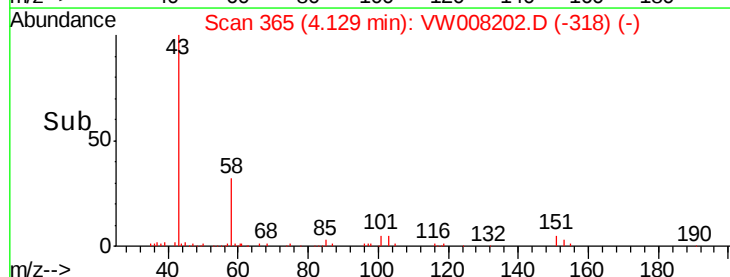
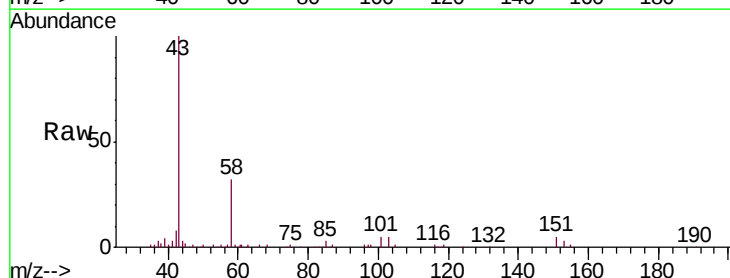
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MS

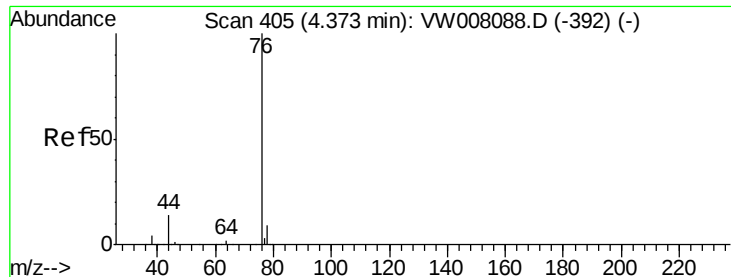
Tgt Ion: 53 Resp: 59381
 Ion Ratio Lower Upper
 53 100
 52 80.9 66.8 100.2
 51 34.9 29.7 44.5



#16
 Acetone
 Concen: 376.106 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion: 43 Resp: 67228
 Ion Ratio Lower Upper
 43 100
 58 31.5 27.5 41.3





#17

Carbon Disulfide

Concen: 45.402 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

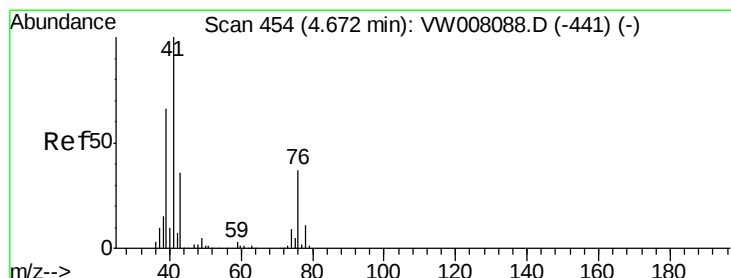
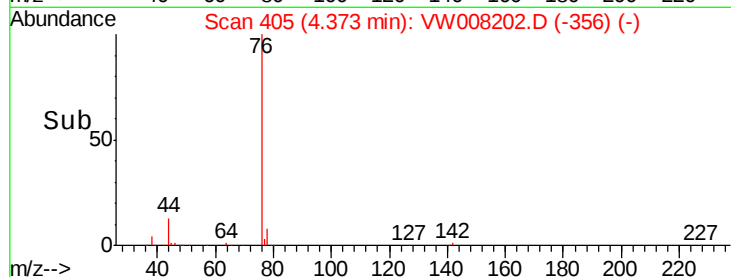
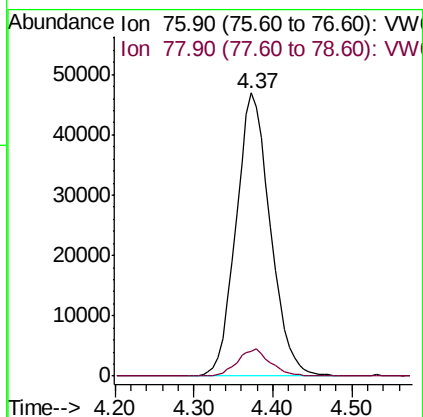
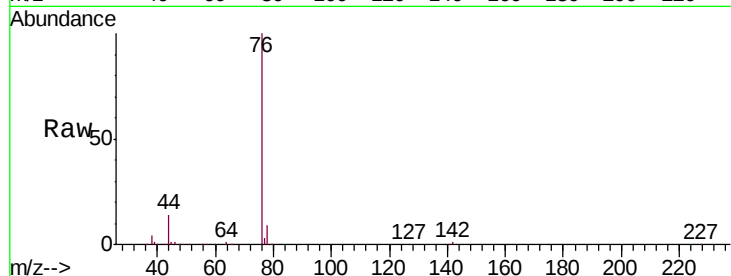
CPSB-06(15-20)MS

Tgt Ion: 76 Resp: 141438

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 67.300 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008202.D

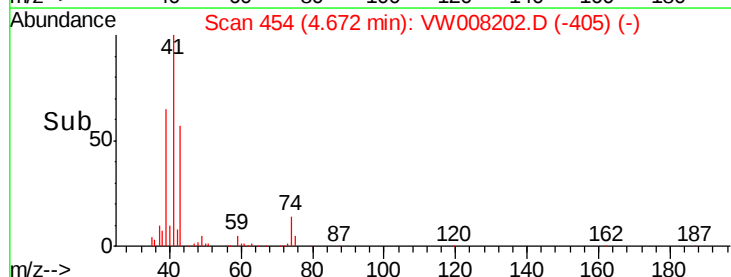
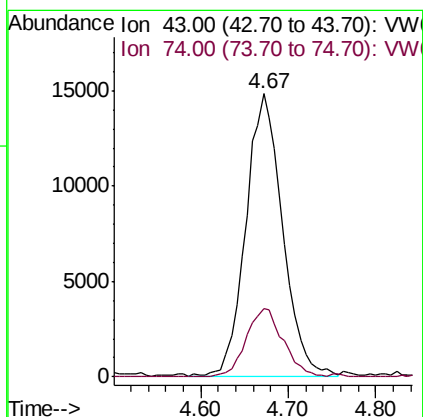
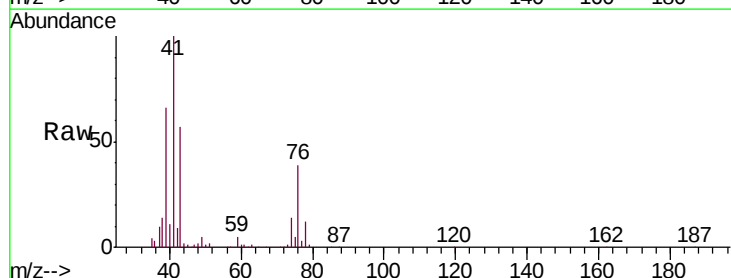
Acq: 11 Jan 2019 18:51

Tgt Ion: 43 Resp: 43533

Ion Ratio Lower Upper

43 100

74 24.3 19.0 28.4

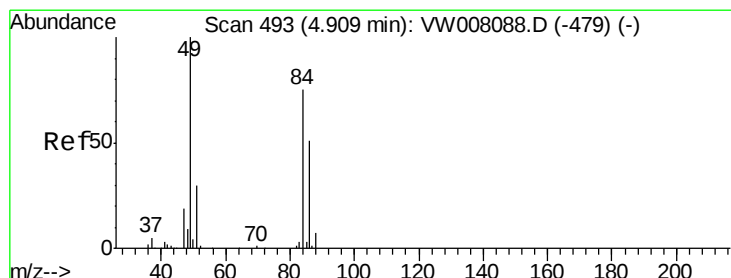
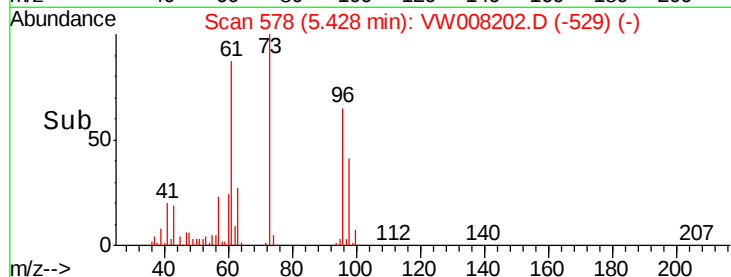
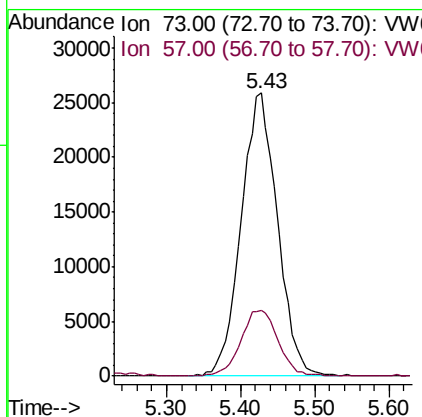
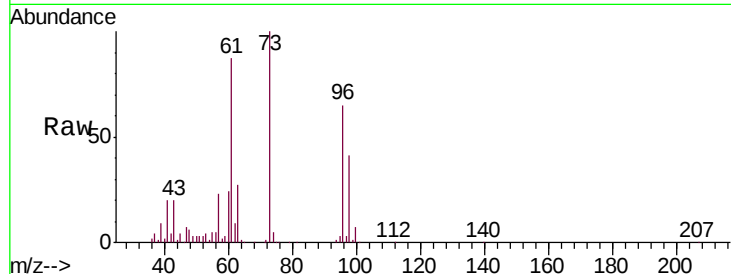




#19
Methyl tert-butyl Ether
Concen: 54.578 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

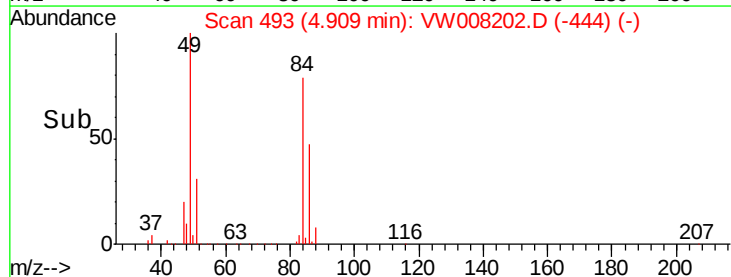
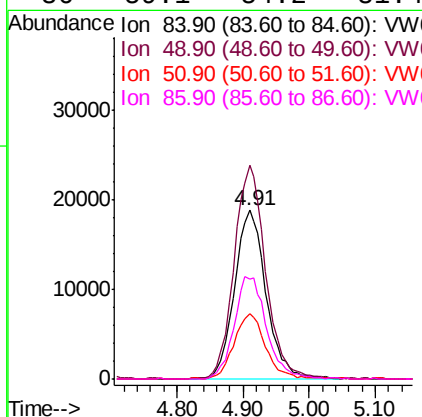
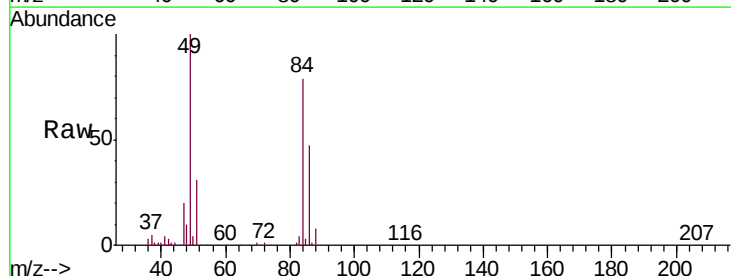
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

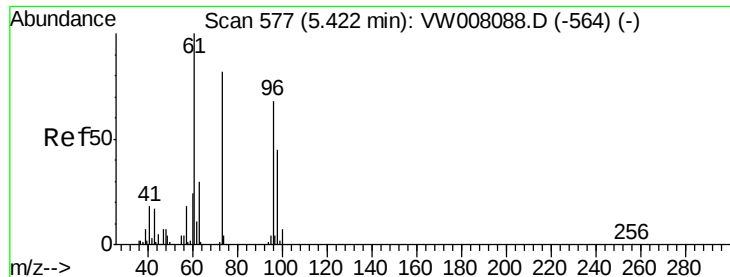
Tgt Ion: 73 Resp: 88482
Ion Ratio Lower Upper
73 100
57 23.0 16.7 25.1



#20
Methylene Chloride
Concen: 63.340 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 84 Resp: 62533
Ion Ratio Lower Upper
84 100
49 126.1 107.1 160.7
51 38.4 32.4 48.6
86 59.1 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 49.812 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

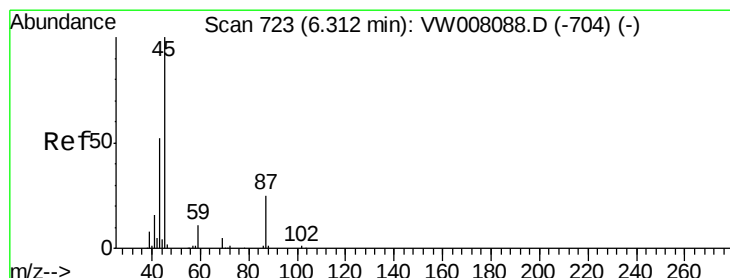
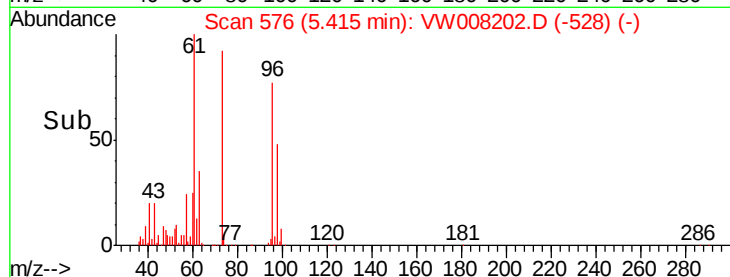
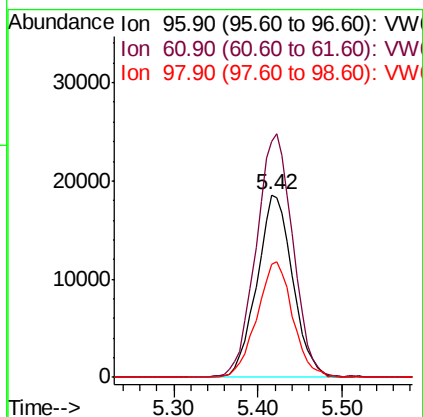
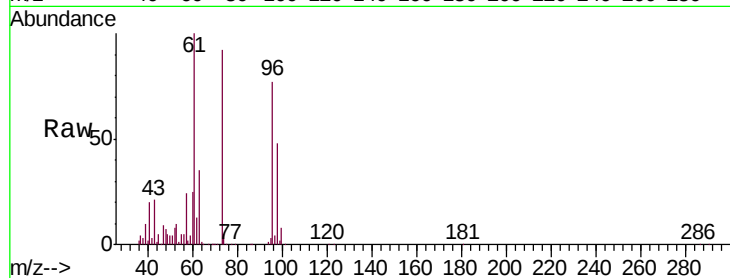
Tgt Ion: 96 Resp: 53982

Ion Ratio Lower Upper

96 100

61 129.2 117.4 176.0

98 61.9 52.2 78.4



#22

Diisopropyl ether

Concen: 52.345 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Tgt Ion: 45 Resp: 180750

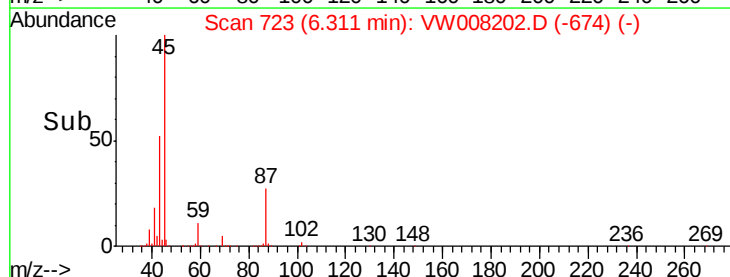
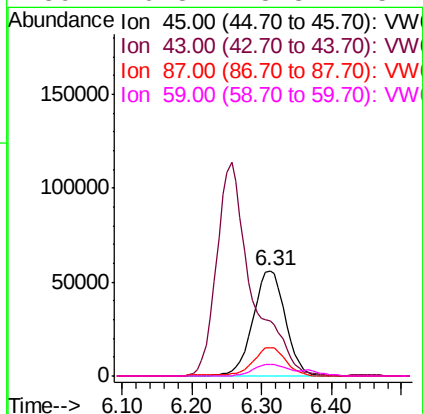
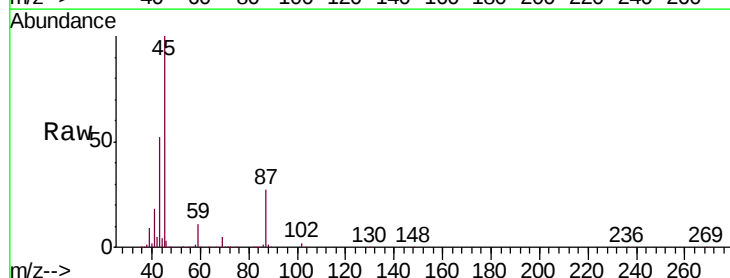
Ion Ratio Lower Upper

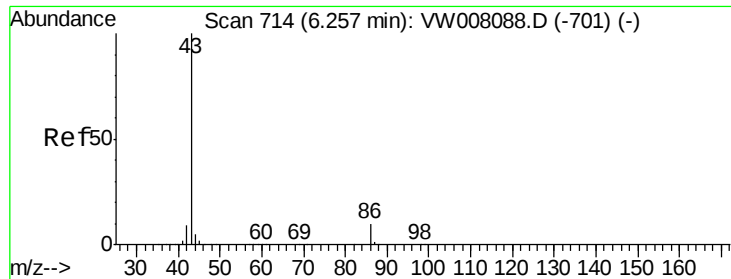
45 100

43 51.5 41.7 62.5

87 27.0 20.1 30.1

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 218.436 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

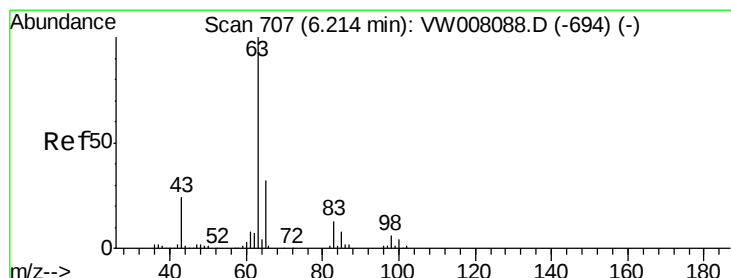
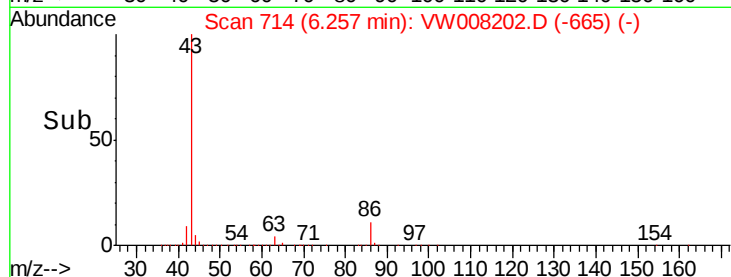
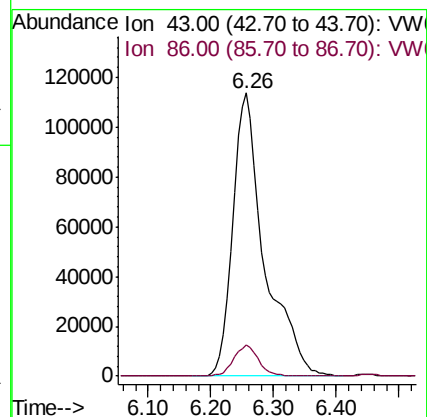
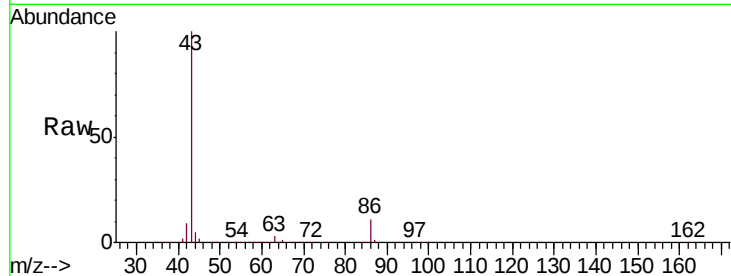
CPSB-06(15-20)MS

Tgt Ion: 43 Resp: 396144

Ion Ratio Lower Upper

43 100

86 10.9 7.7 11.5



#24

1,1-Dichloroethane

Concen: 50.453 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

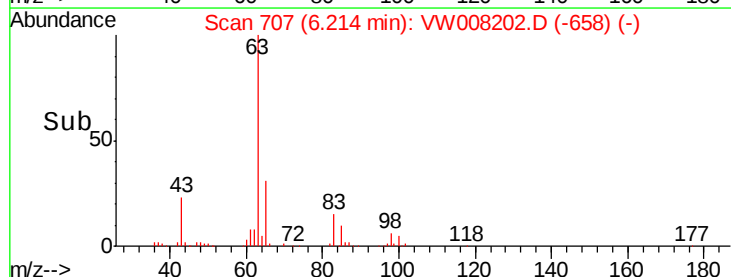
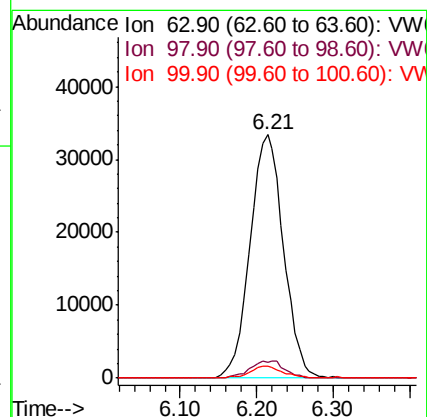
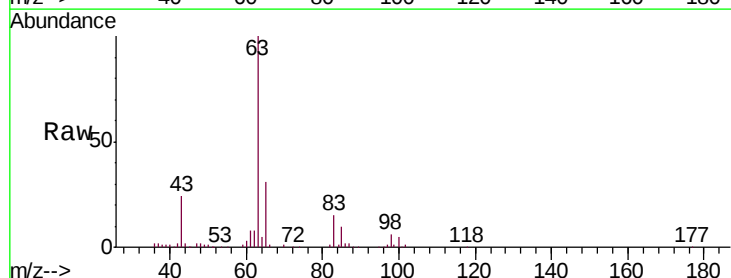
Tgt Ion: 63 Resp: 101509

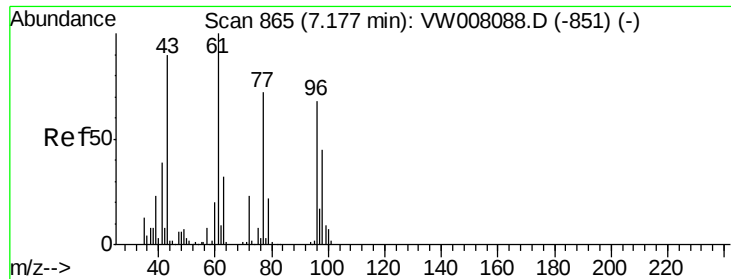
Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 281.958 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

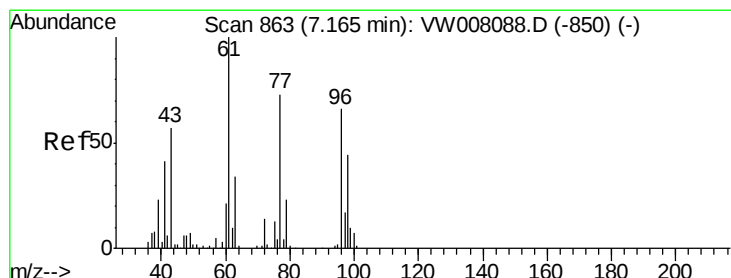
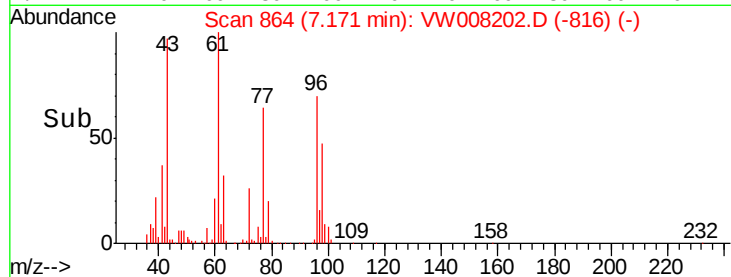
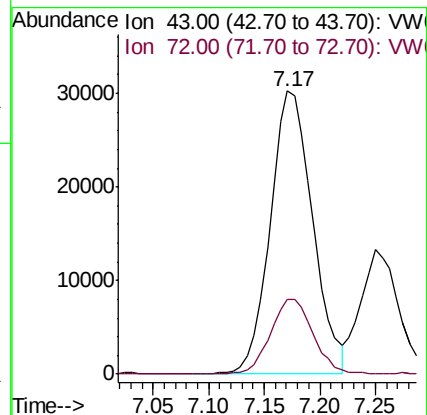
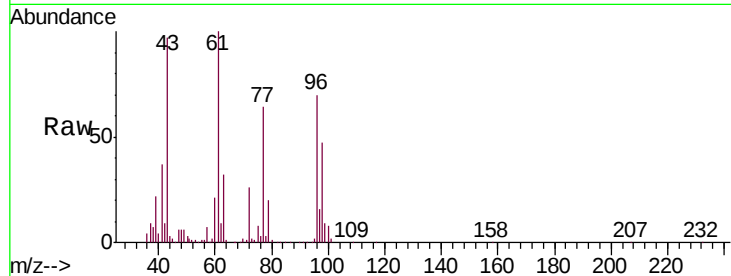
CPSB-06(15-20)MS

Tgt Ion: 43 Resp: 80290

Ion Ratio Lower Upper

43 100

72 26.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 45.640 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008202.D

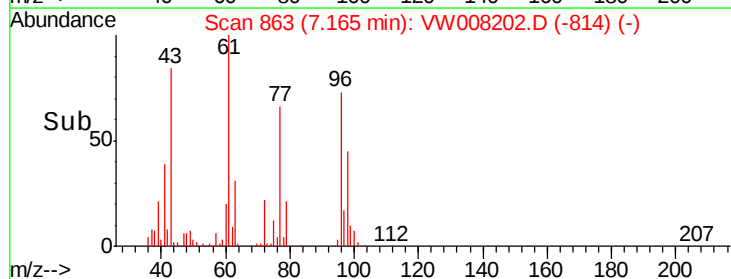
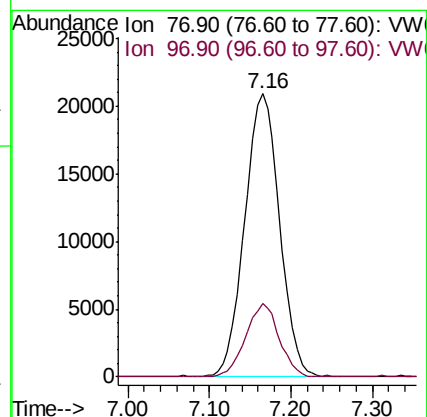
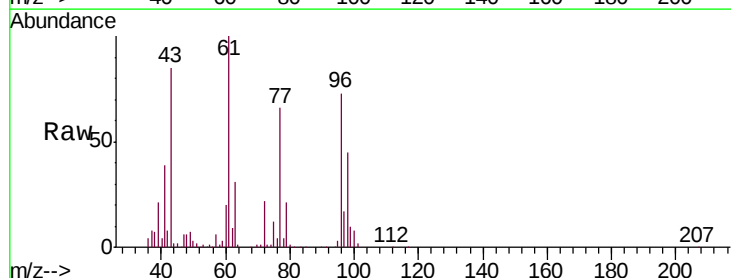
Acq: 11 Jan 2019 18:51

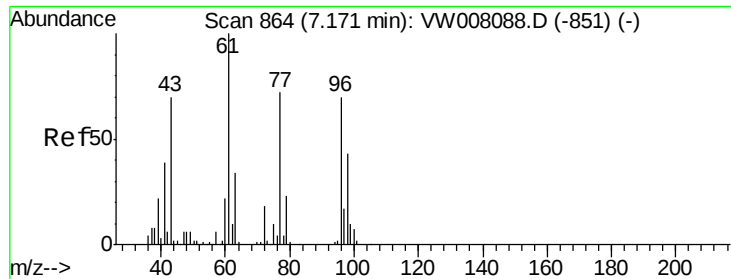
Tgt Ion: 77 Resp: 62219

Ion Ratio Lower Upper

77 100

97 24.8 11.4 34.1

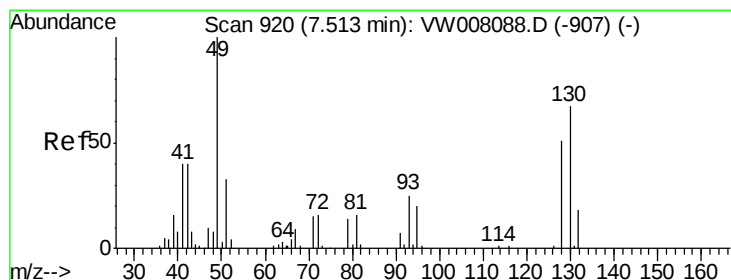
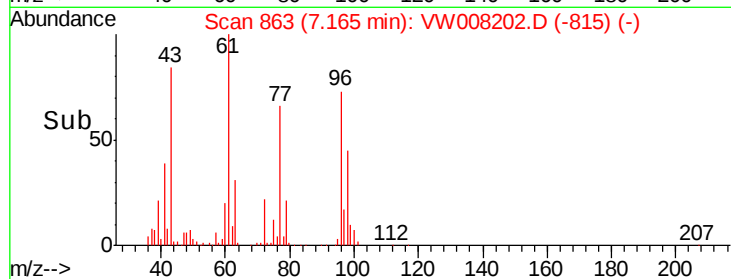
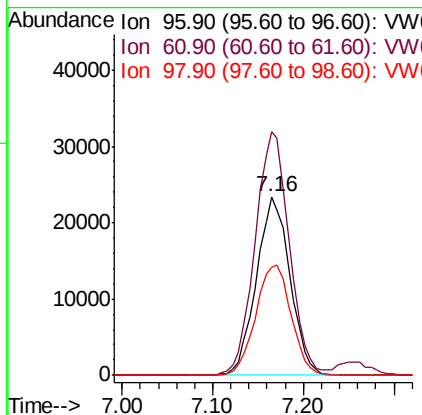
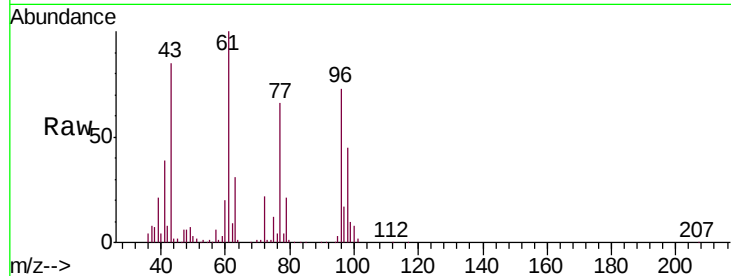




#27
 cis-1,2-Dichloroethene
 Concen: 50.860 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

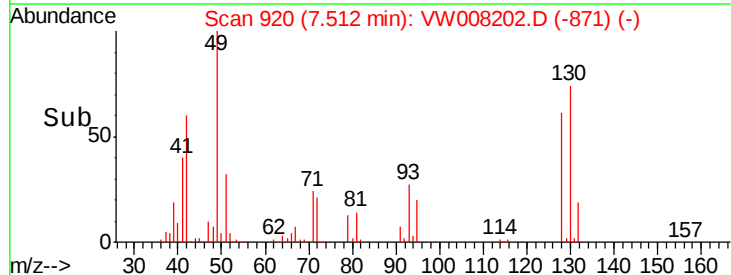
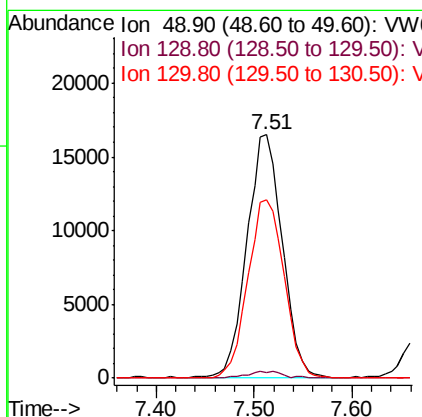
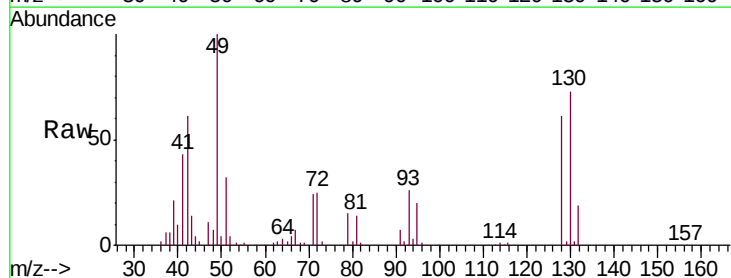
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MS

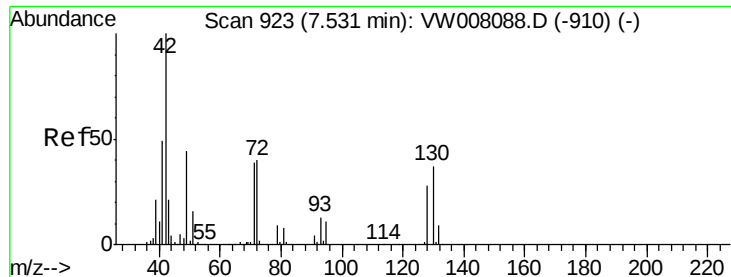
Tgt Ion: 96 Resp: 60136
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 300.4
 98 65.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 52.086 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion: 49 Resp: 41450
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.8
 130 75.0 54.3 81.5

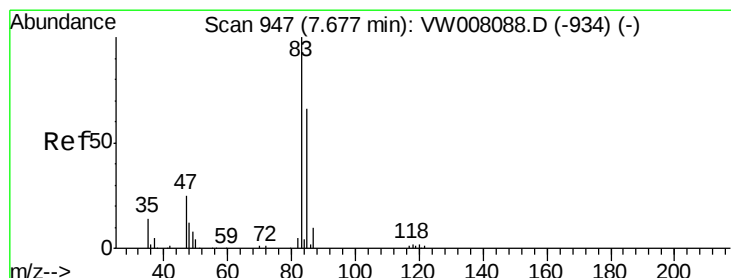
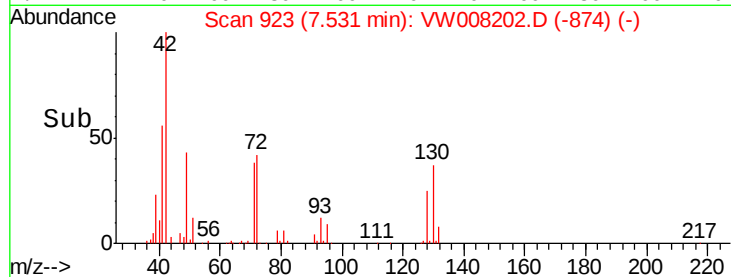
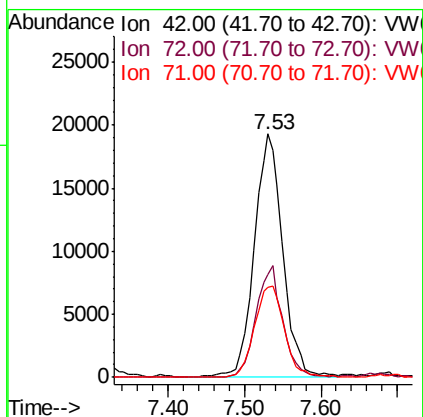
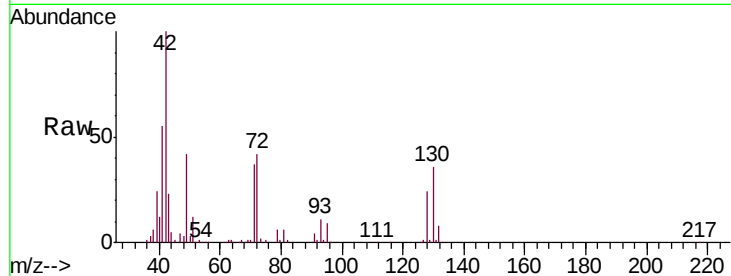




#29
Tetrahydrofuran
Concen: 263.460 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

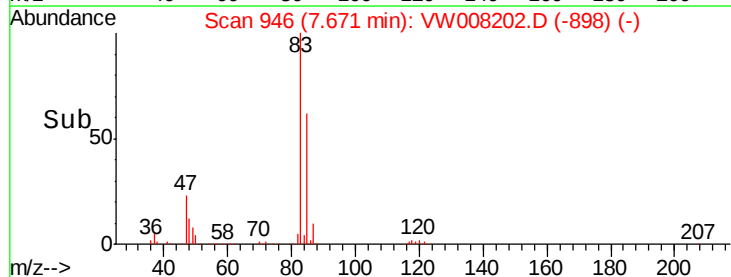
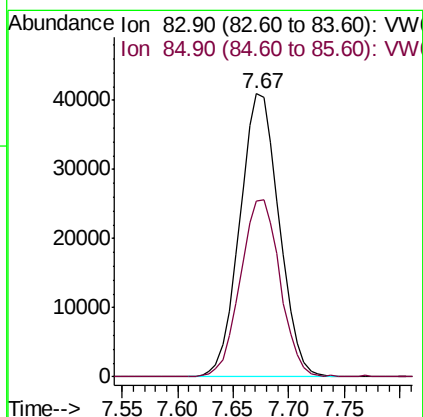
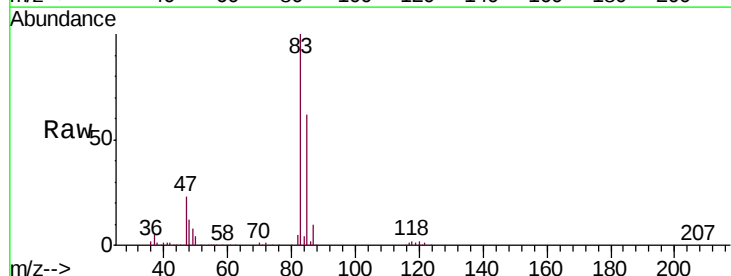
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

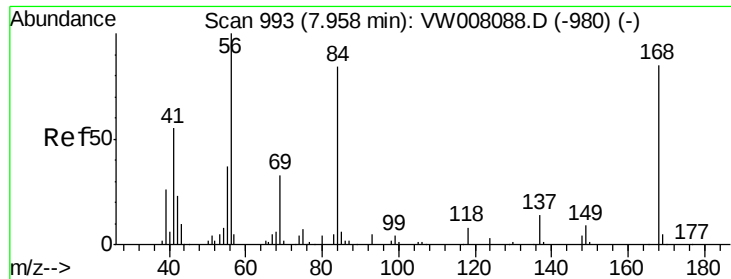
Tgt Ion: 42 Resp: 50114
Ion Ratio Lower Upper
42 100
72 42.7 32.4 48.6
71 39.4 31.3 46.9



#30
Chloroform
Concen: 52.670 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 83 Resp: 100868
Ion Ratio Lower Upper
83 100
85 62.4 53.2 79.8

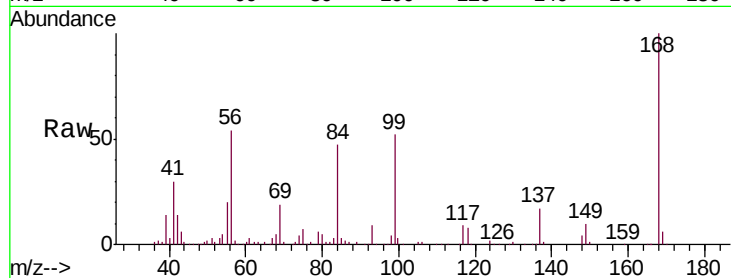




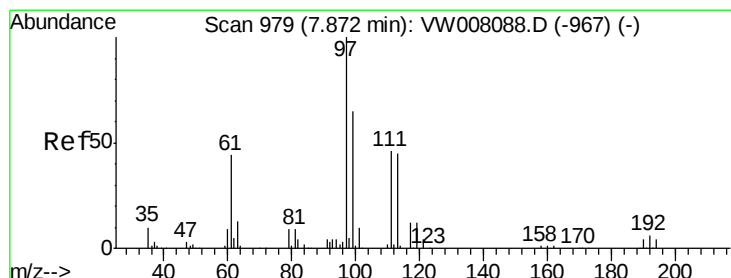
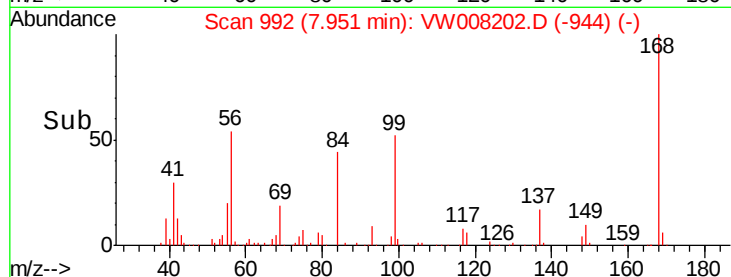
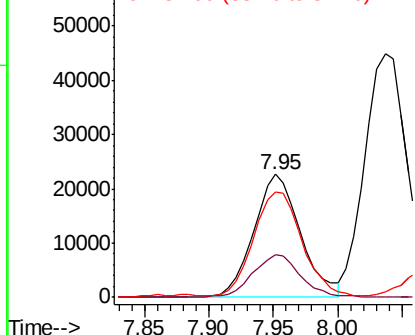
#31
Cyclohexane
Concen: 26.563 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

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

Tgt Ion: 56 Resp: 57213
Ion Ratio Lower Upper
56 100
69 34.3 26.2 39.4
84 83.4 67.4 101.2

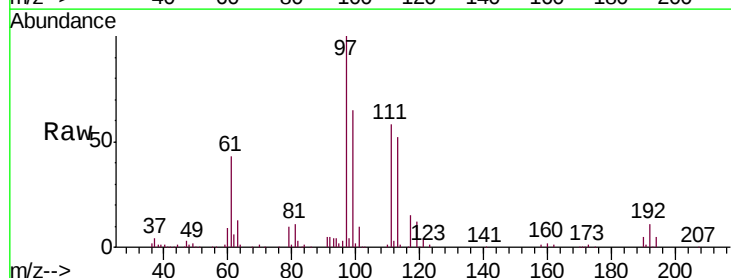


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

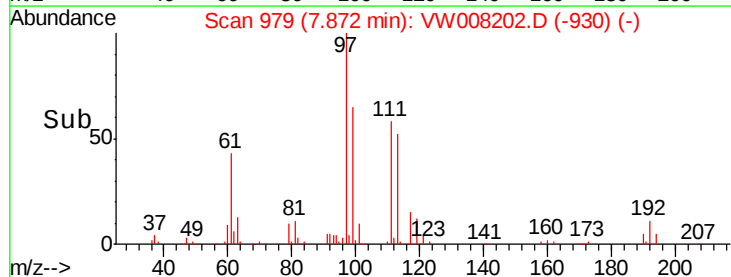
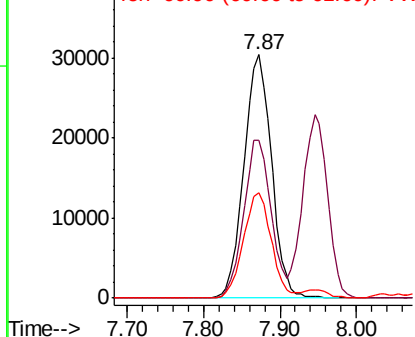


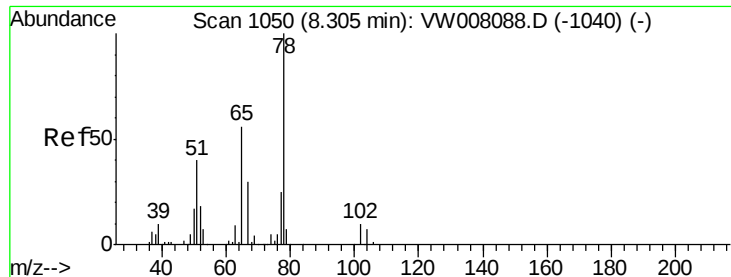
#32
1,1,1-Trichloroethane
Concen: 45.898 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 97 Resp: 76482
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 43.9 35.6 53.4



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





#33

1,2-Dichloroethane-d4

Concen: 50.380 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

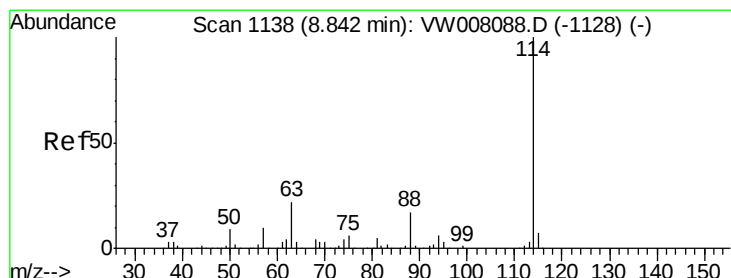
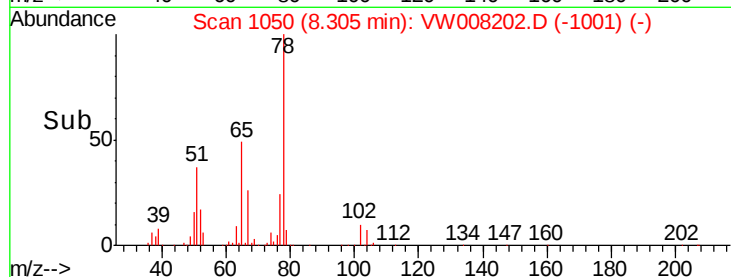
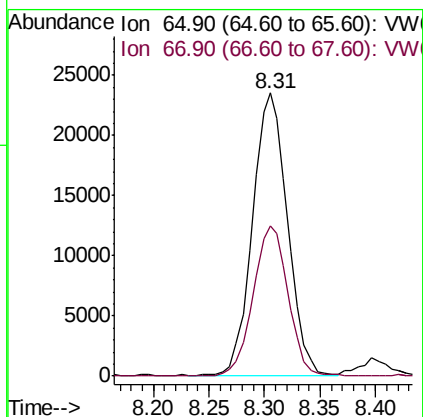
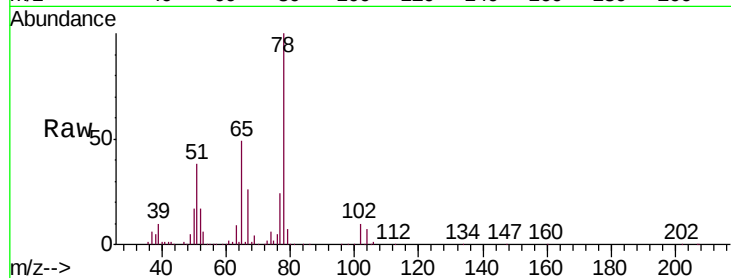
CPSB-06(15-20)MS

Tgt Ion: 65 Resp: 51562

Ion Ratio Lower Upper

65 100

67 52.8 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: VW008202.D

Acq: 11 Jan 2019 18:51

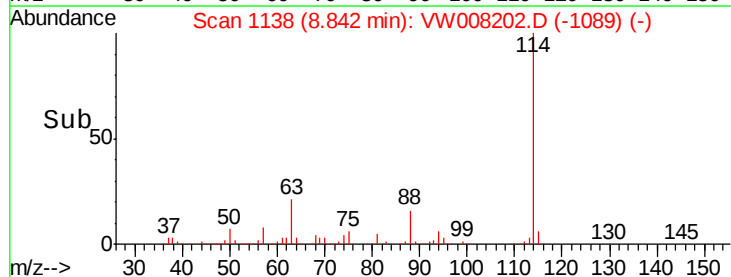
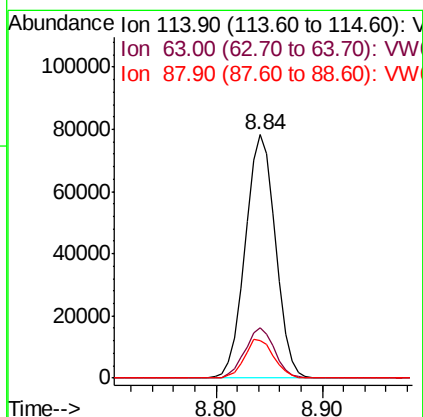
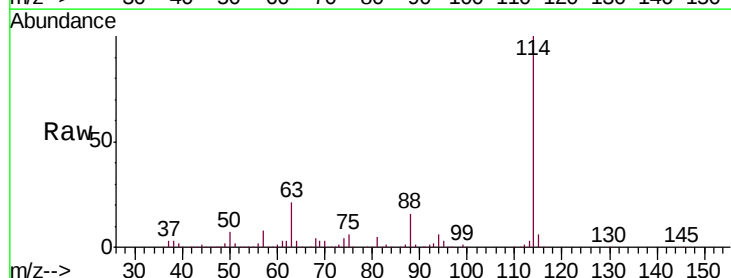
Tgt Ion: 114 Resp: 155784

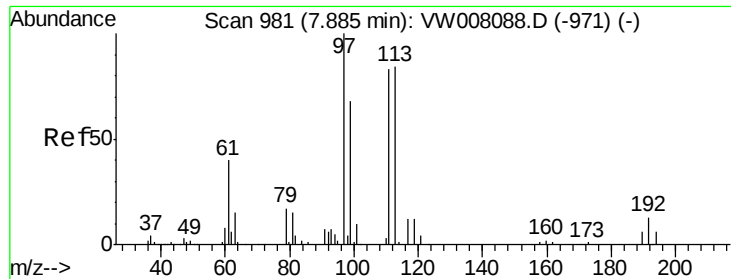
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.4

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.488 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

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

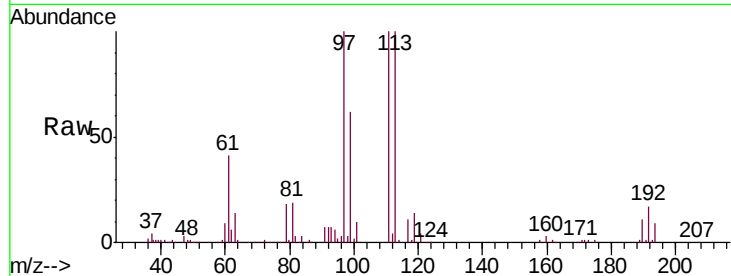
Tgt Ion:113 Resp: 50416

Ion Ratio Lower Upper

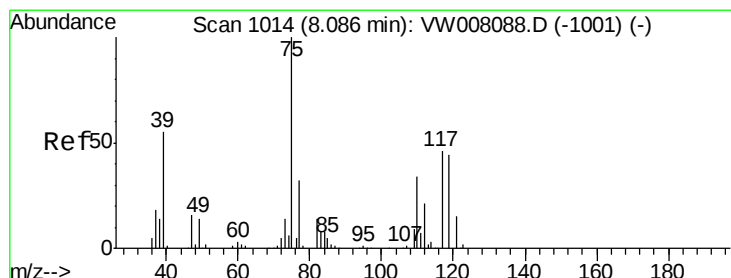
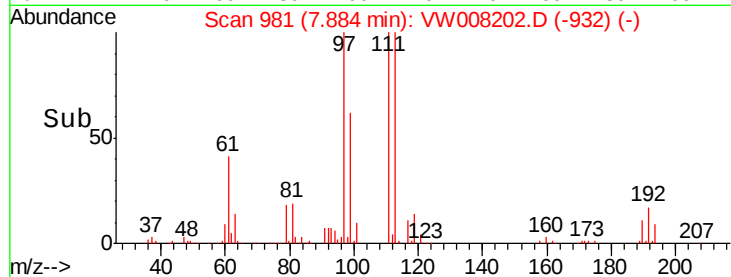
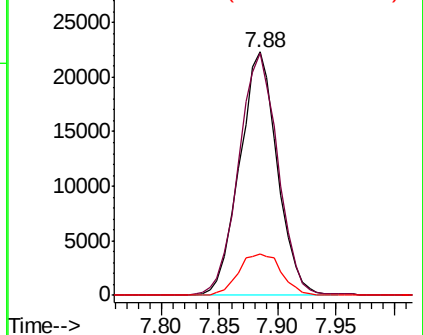
113 100

111 103.6 81.8 122.8

192 19.3 12.8 19.2#



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 42.612 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

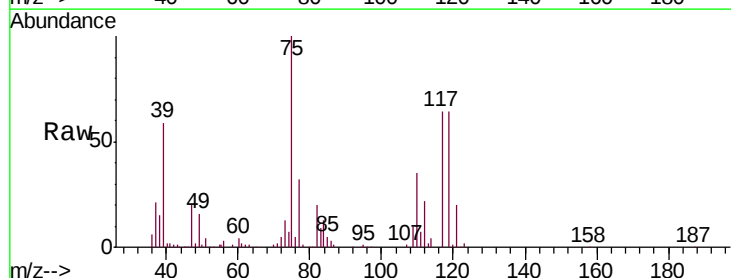
Tgt Ion: 75 Resp: 68381

Ion Ratio Lower Upper

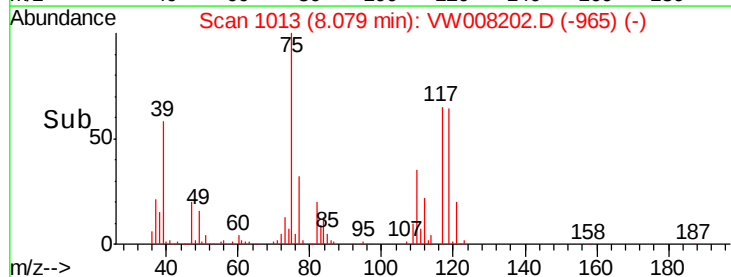
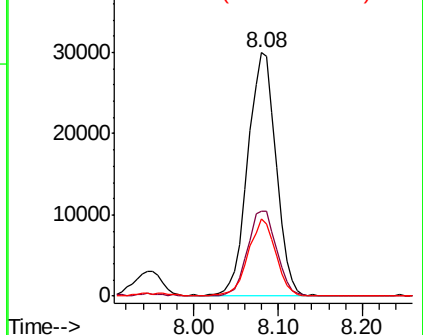
75 100

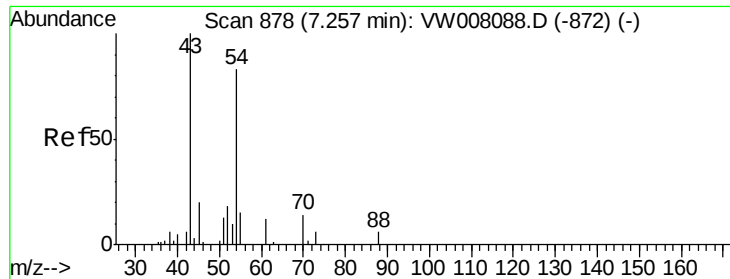
110 35.7 17.1 51.3

77 30.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

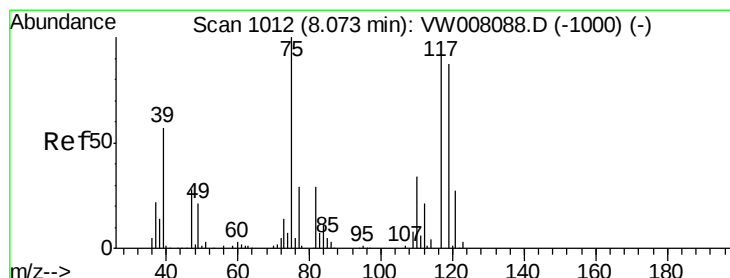
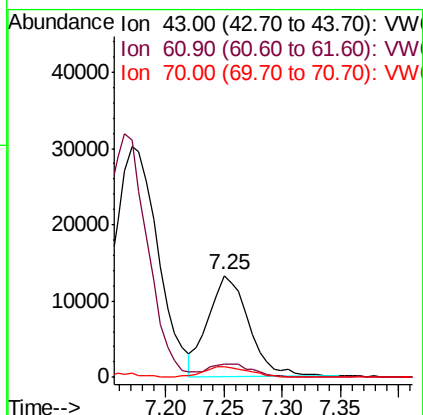
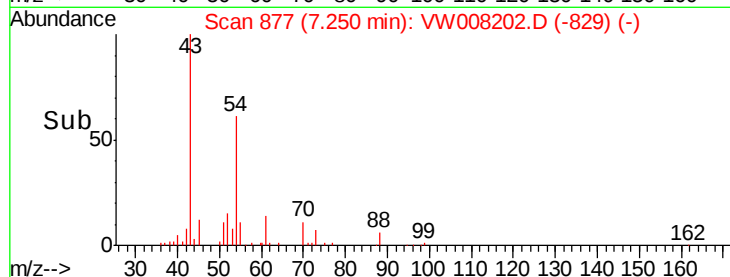
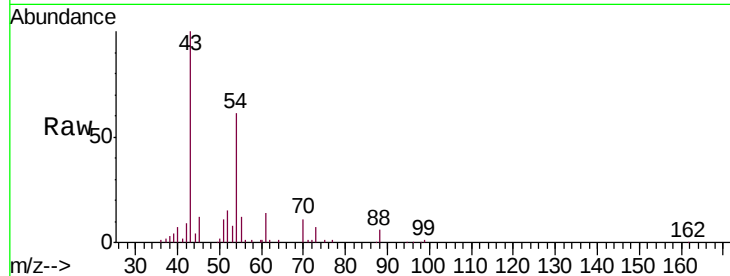




#37
Ethyl Acetate
Concen: 49.703 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

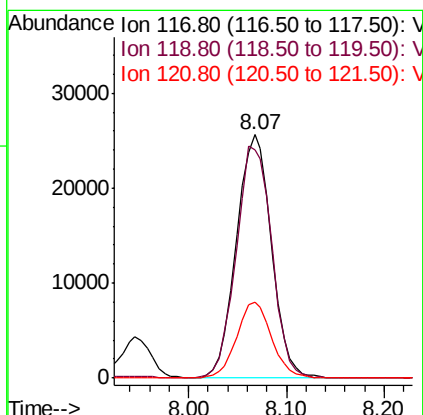
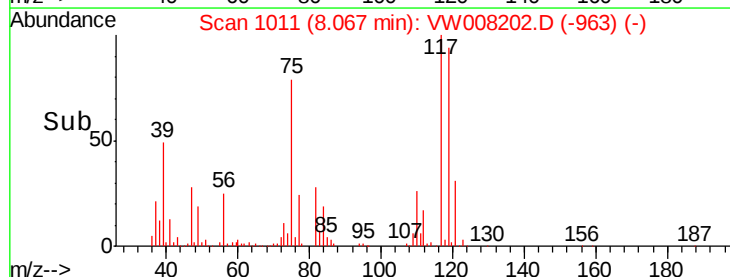
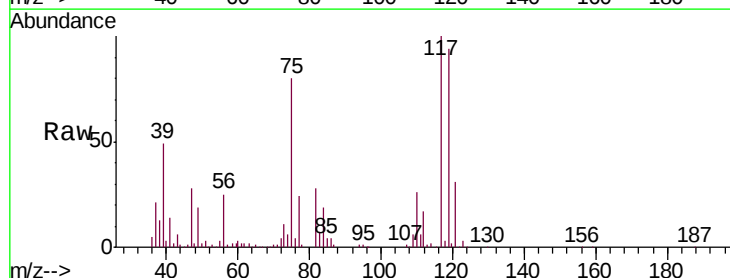
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

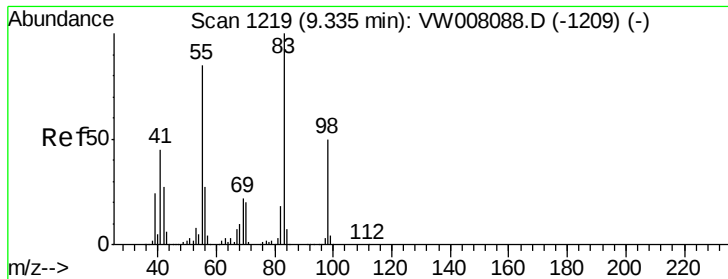
Tgt Ion: 43 Resp: 31954
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 12.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 43.495 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 117 Resp: 63884
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
121 31.0 23.7 35.5

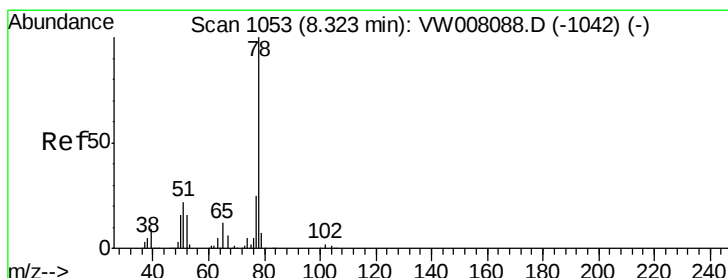
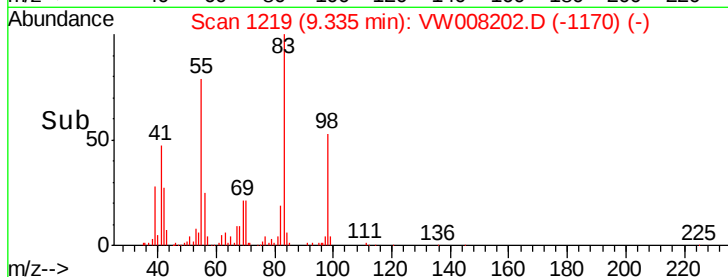
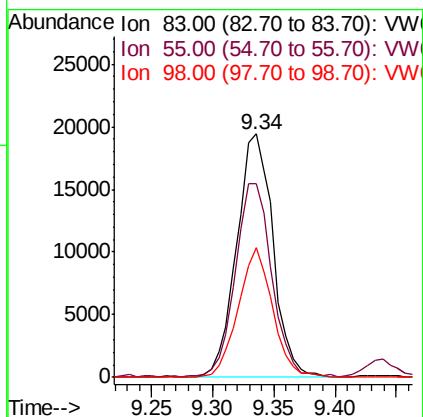
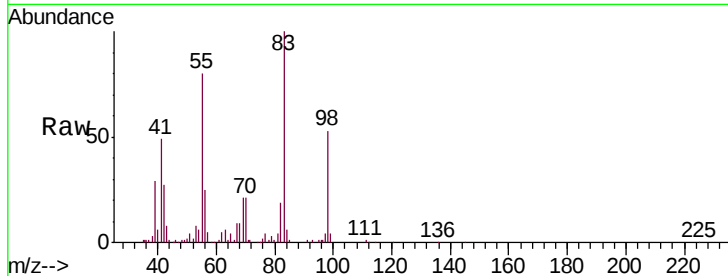




#39
Methylcyclohexane
Concen: 19.740 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

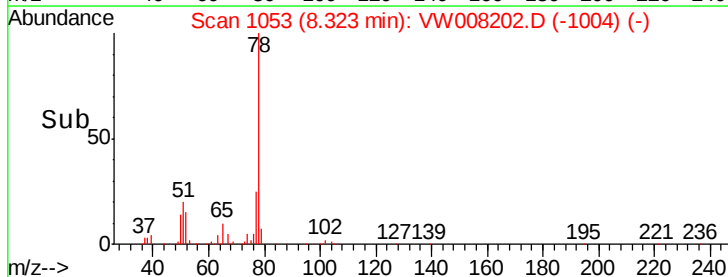
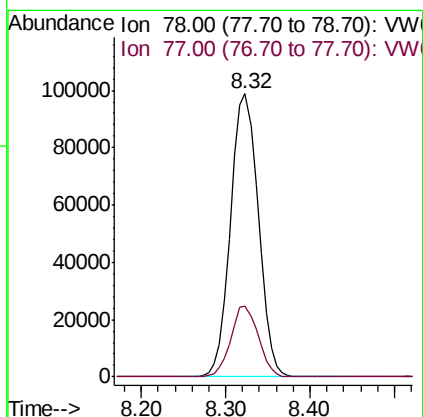
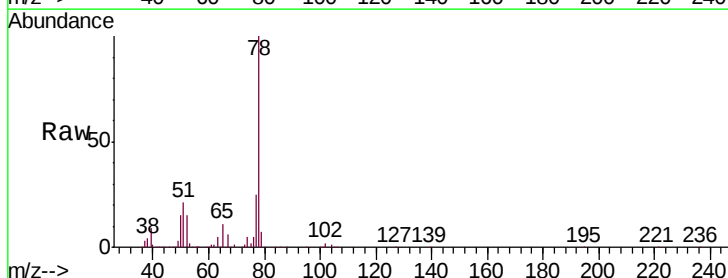
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

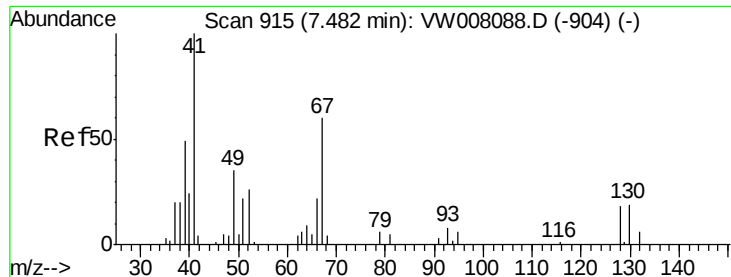
Tgt Ion: 83 Resp: 40167
Ion Ratio Lower Upper
83 100
55 79.3 67.8 101.6
98 53.3 40.2 60.4



#40
Benzene
Concen: 50.466 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 78 Resp: 219653
Ion Ratio Lower Upper
78 100
77 25.2 20.2 30.4





#41

Methacrylonitrile

Concen: 53.376 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

Tgt Ion: 41 Resp: 21677

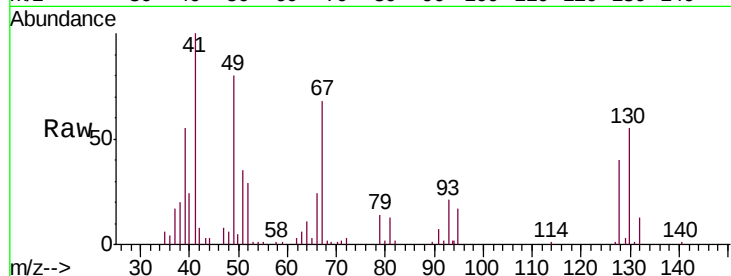
Ion Ratio Lower Upper

41 100

39 53.7 47.9 71.9

67 67.0 56.3 84.5

52 28.3 24.5 36.7



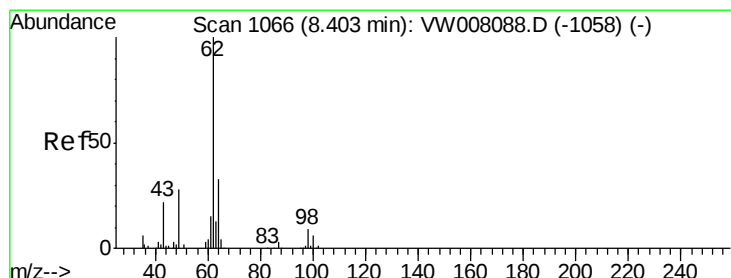
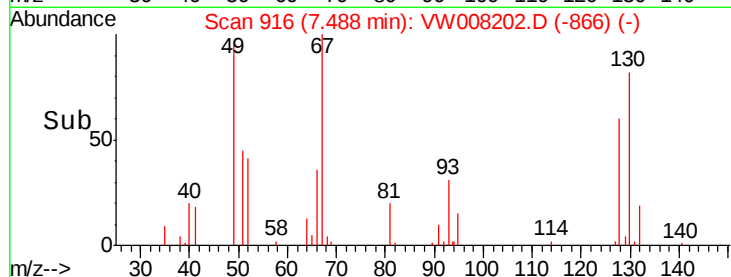
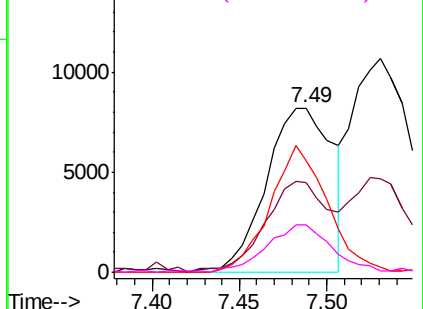
Abundance

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: 50.605 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW008202.D

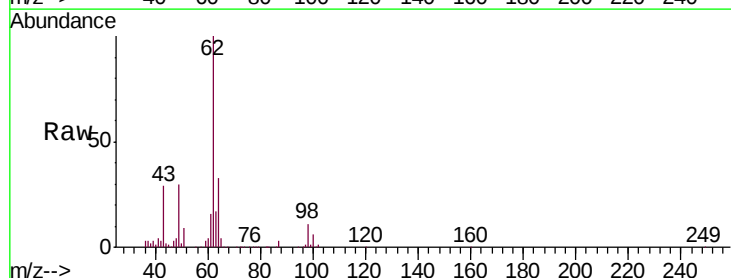
Acq: 11 Jan 2019 18:51

Tgt Ion: 62 Resp: 61949

Ion Ratio Lower Upper

62 100

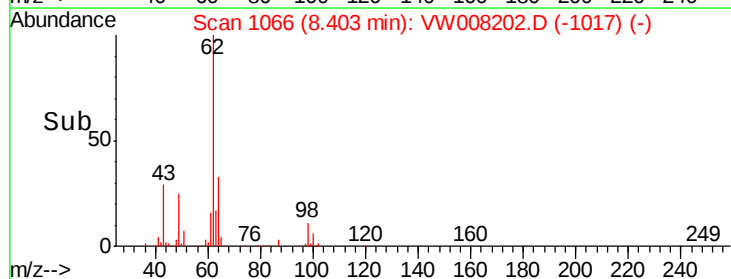
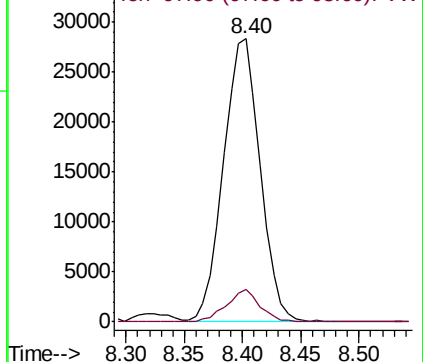
98 10.4 0.0 18.6

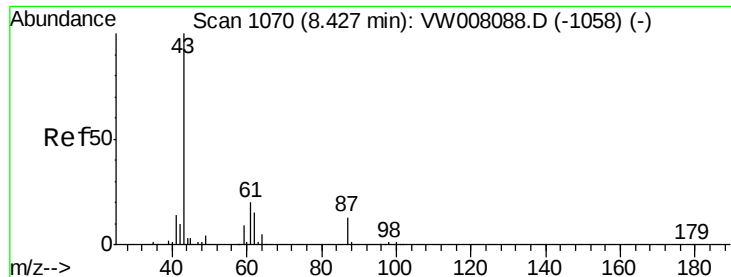


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.824 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

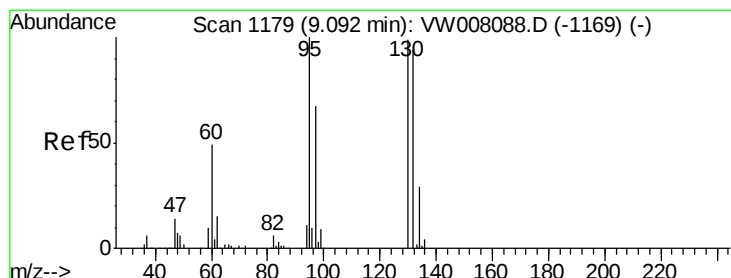
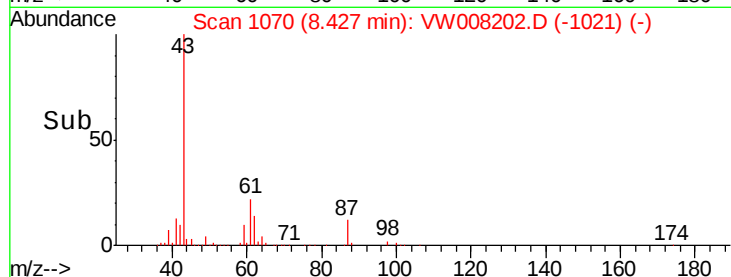
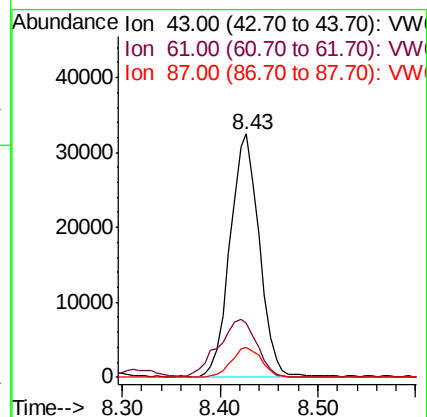
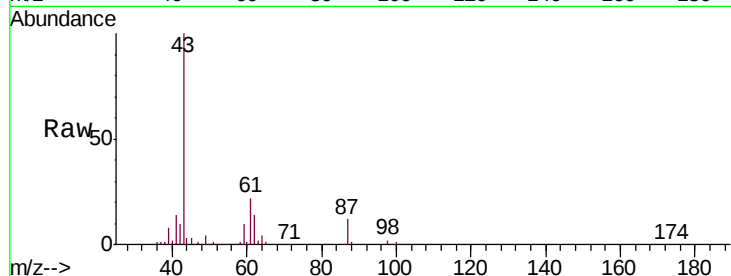
Tgt Ion: 43 Resp: 66615

Ion Ratio Lower Upper

43 100

61 31.8 24.8 37.2

87 12.8 10.4 15.6



#44

Trichloroethene

Concen: 47.983 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008202.D

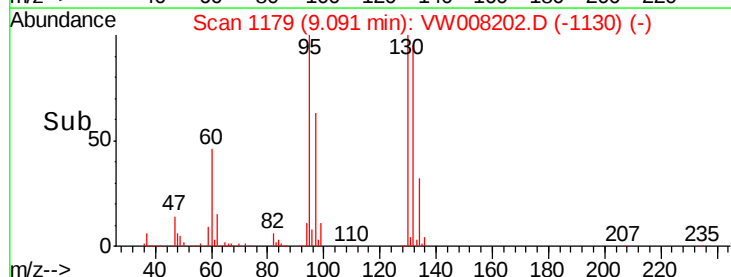
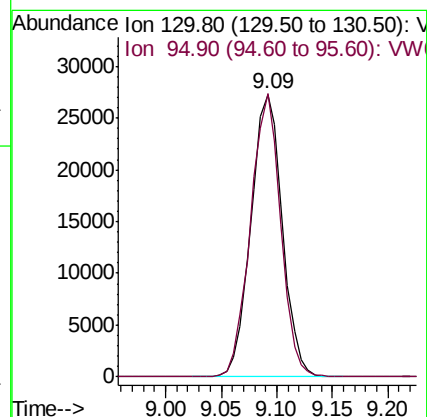
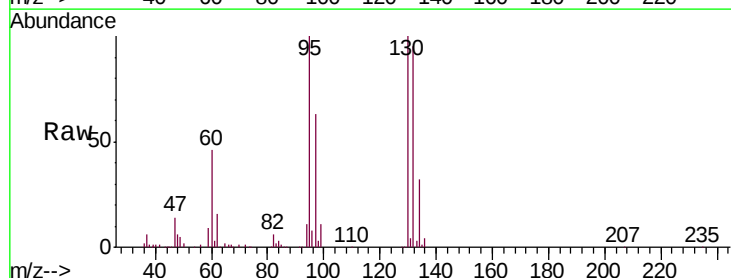
Acq: 11 Jan 2019 18:51

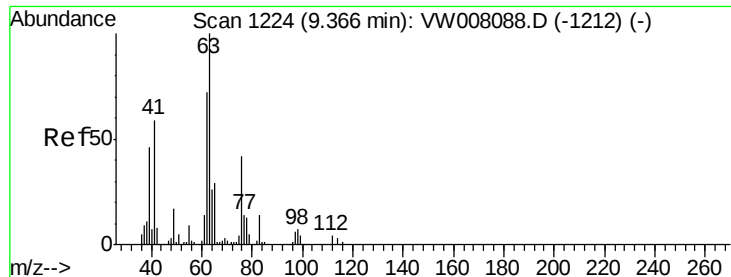
Tgt Ion: 130 Resp: 53462

Ion Ratio Lower Upper

130 100

95 100.3 0.0 202.8

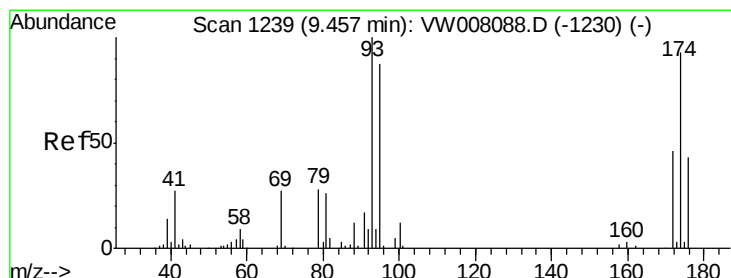
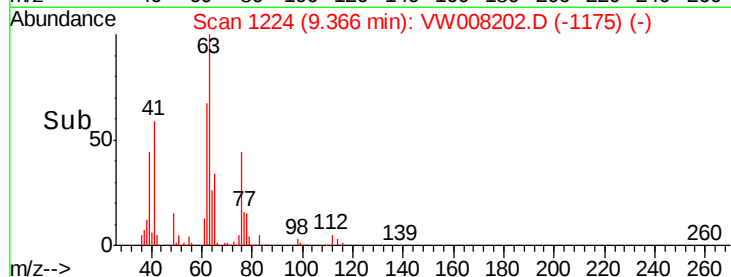
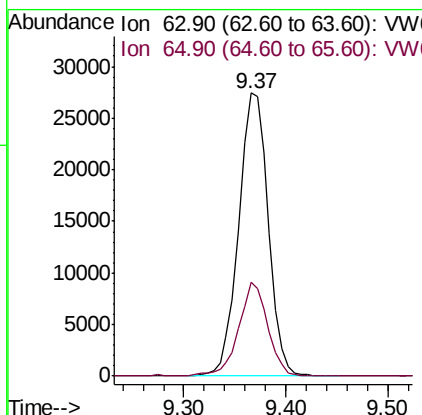
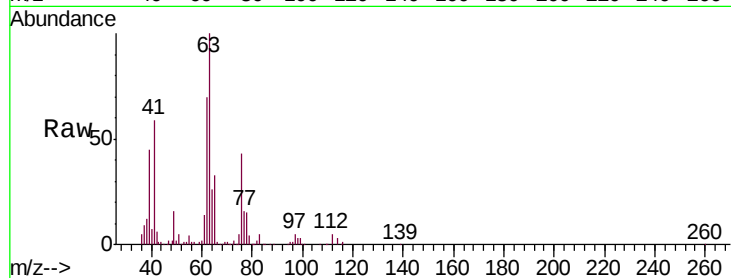




#45
 1,2-Dichloropropane
 Concen: 51.117 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

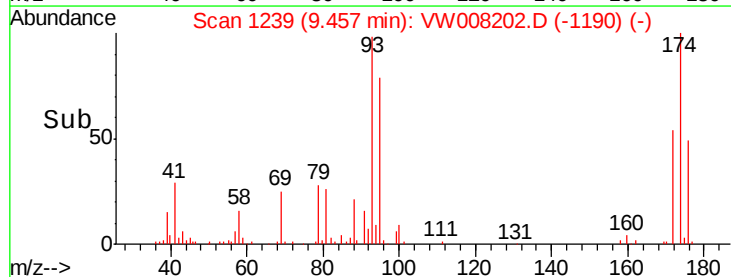
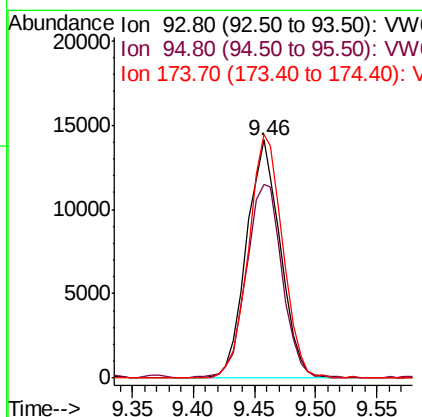
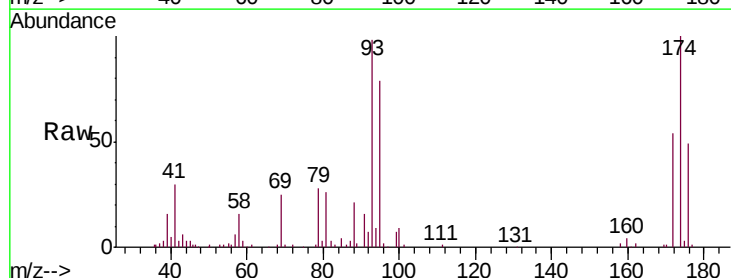
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MS

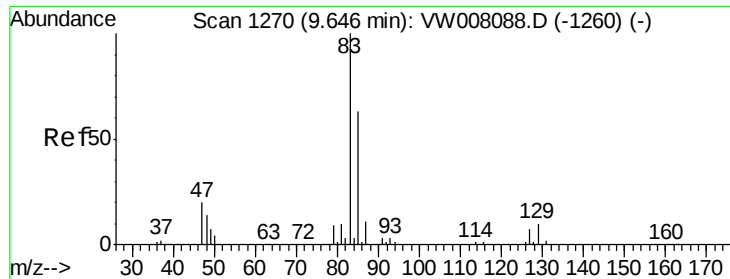
Tgt Ion: 63 Resp: 55167
 Ion Ratio Lower Upper
 63 100
 65 33.4 23.3 34.9



#46
 Dibromomethane
 Concen: 51.083 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion: 93 Resp: 27075
 Ion Ratio Lower Upper
 93 100
 95 86.8 67.5 101.3
 174 103.6 72.5 108.7





#47

Bromodichloromethane

Concen: 50.966 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

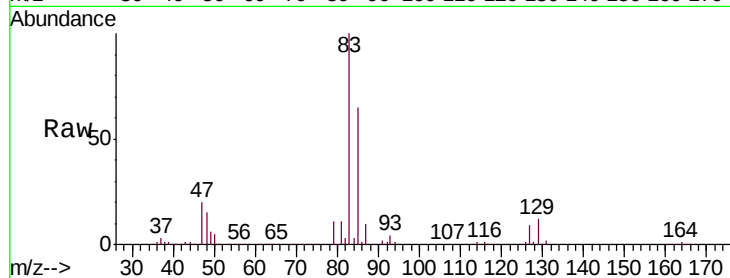
Tgt Ion: 83 Resp: 68590

Ion Ratio Lower Upper

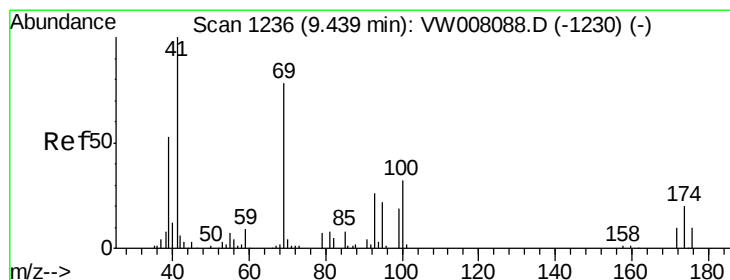
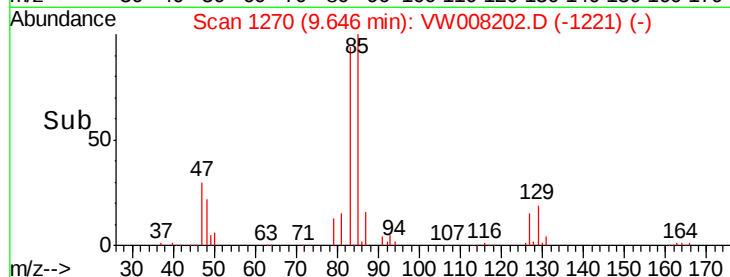
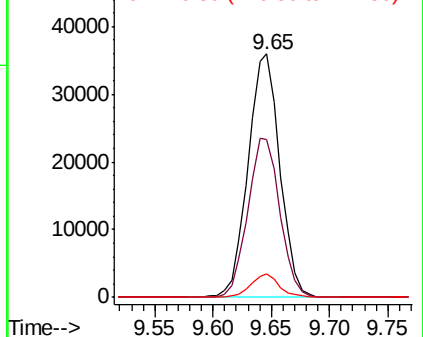
83 100

85 65.1 50.7 76.1

127 9.4 6.0 9.0#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.670 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

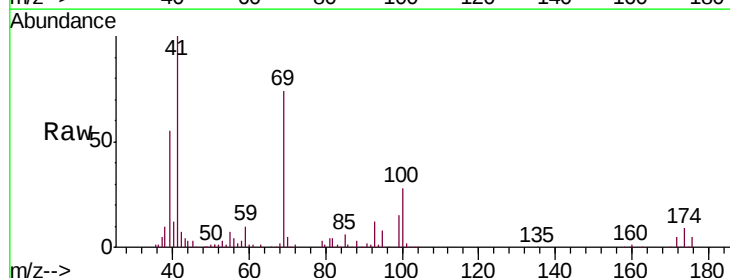
Tgt Ion: 41 Resp: 33766

Ion Ratio Lower Upper

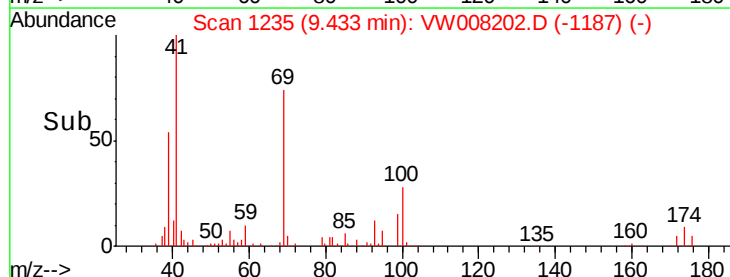
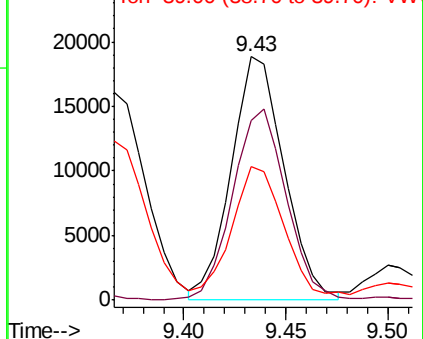
41 100

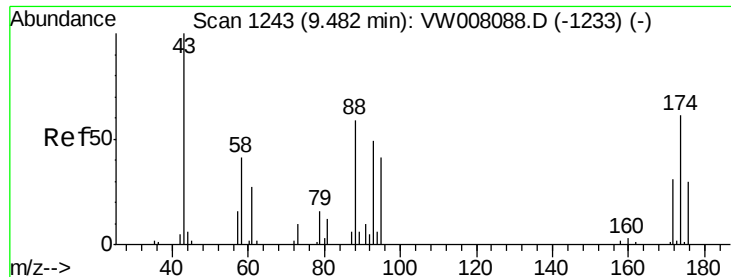
69 80.2 61.9 92.9

39 55.2 43.0 64.4



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

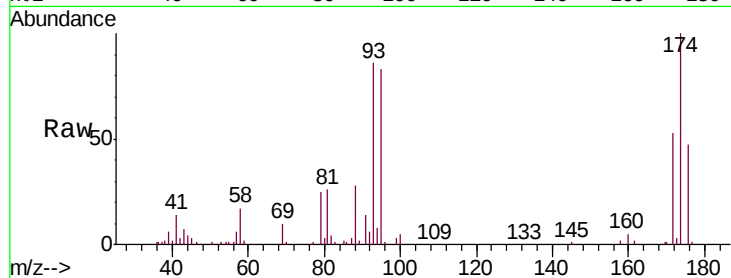




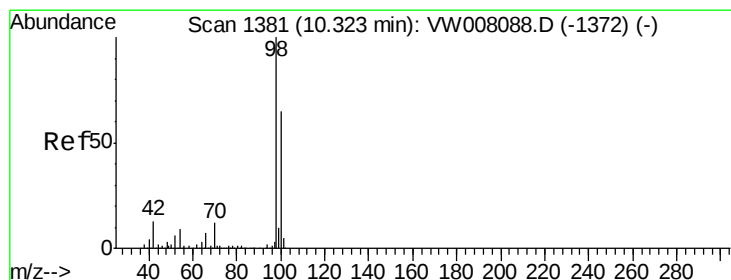
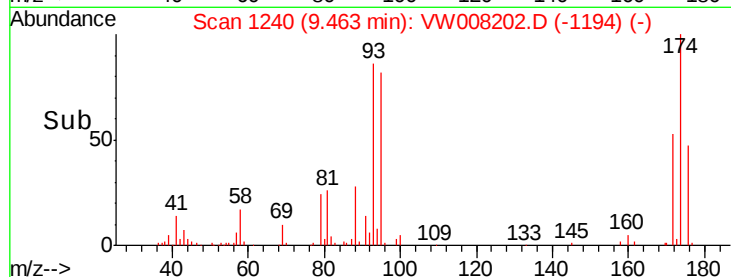
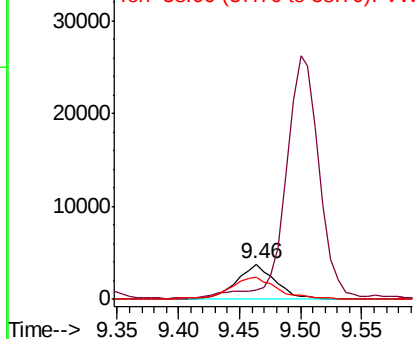
#49
1,4-Dioxane
Concen: 981.859 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

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

Tgt Ion: 88 Resp: 8369
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.2 61.7 92.5

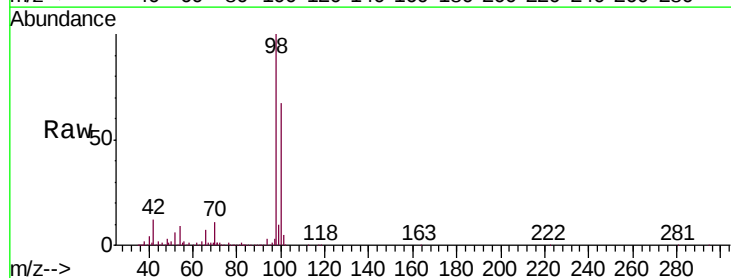


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

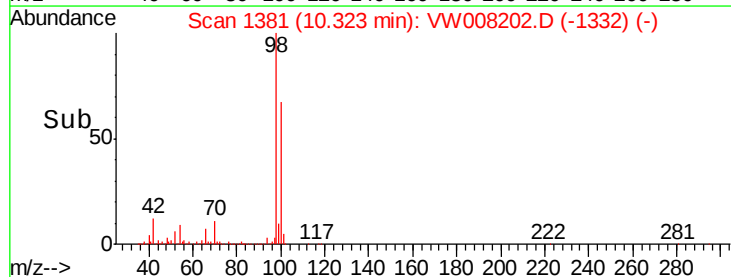
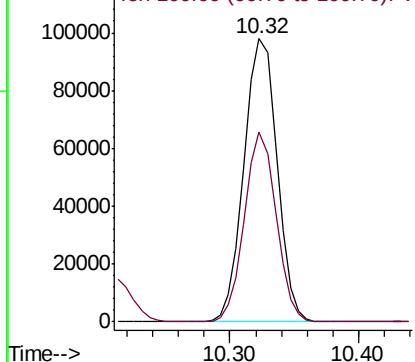


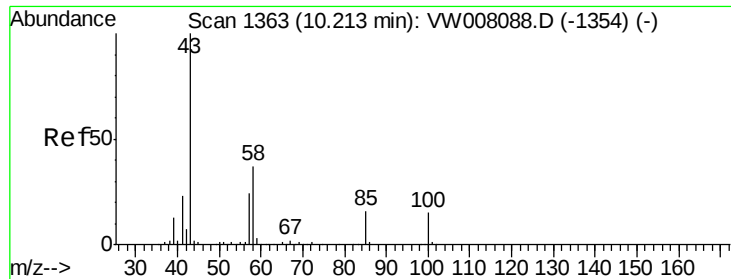
#50
Toluene-d8
Concen: 45.693 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 98 Resp: 174219
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



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

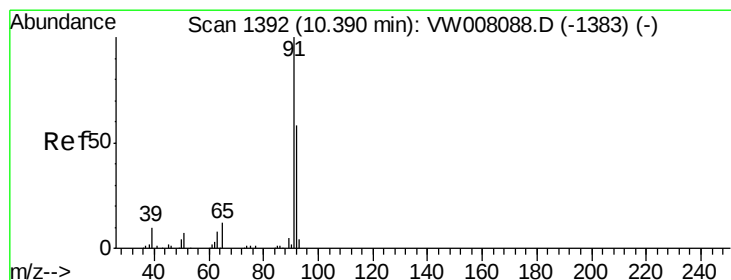
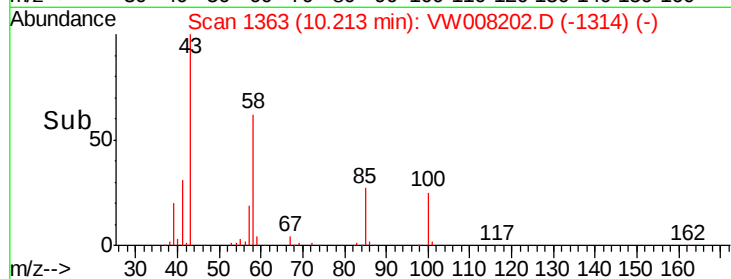
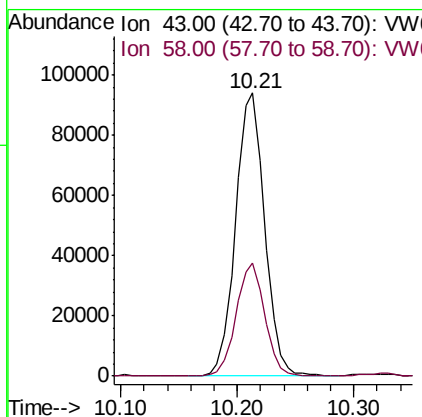
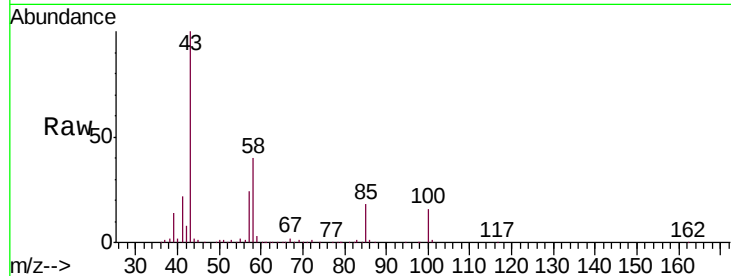




#51
 4-Methyl-2-Pentanone
 Concen: 262.395 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

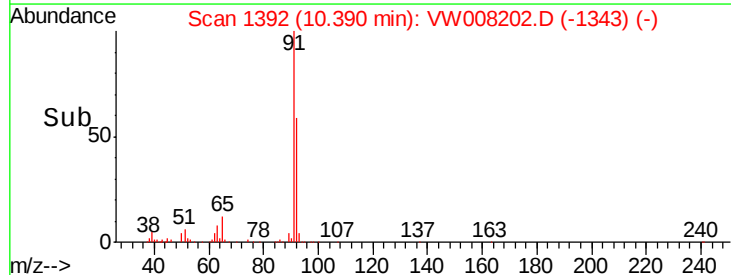
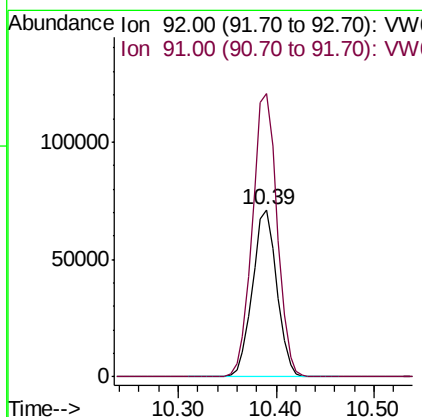
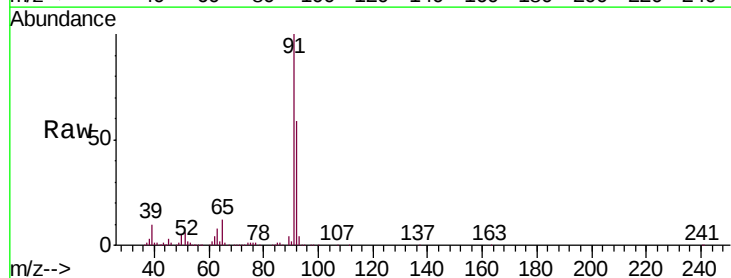
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MS

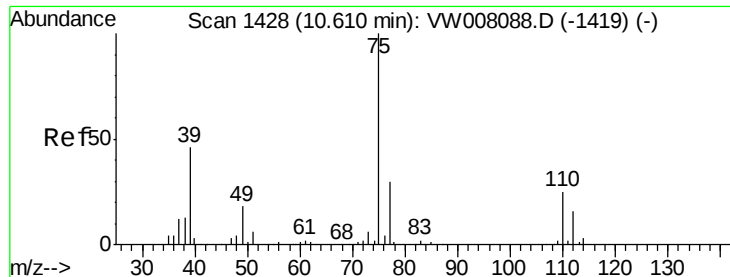
Tgt Ion: 43 Resp: 163265
 Ion Ratio Lower Upper
 43 100
 58 39.5 30.6 46.0



#52
 Toluene
 Concen: 44.254 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion: 92 Resp: 123011
 Ion Ratio Lower Upper
 92 100
 91 172.0 137.0 205.4

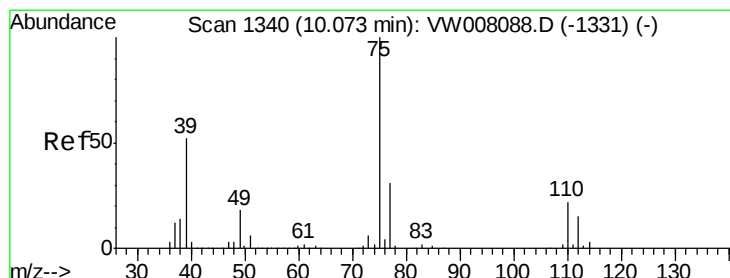
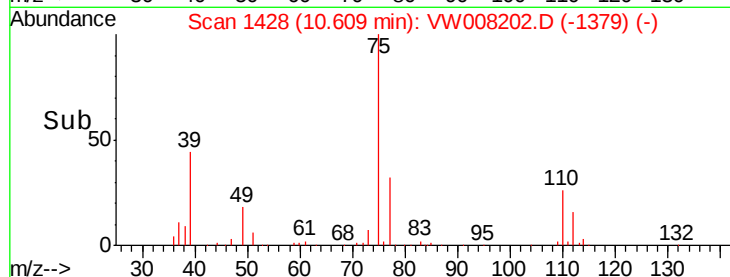
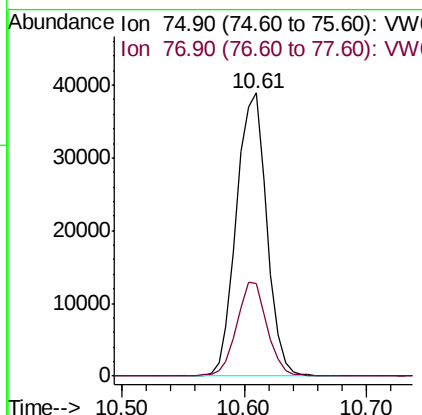
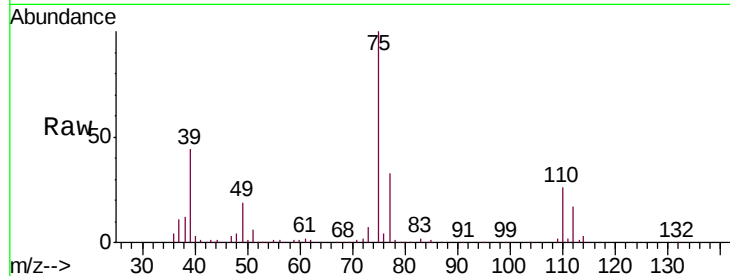




#53
t-1,3-Dichloropropene
Concen: 47.724 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

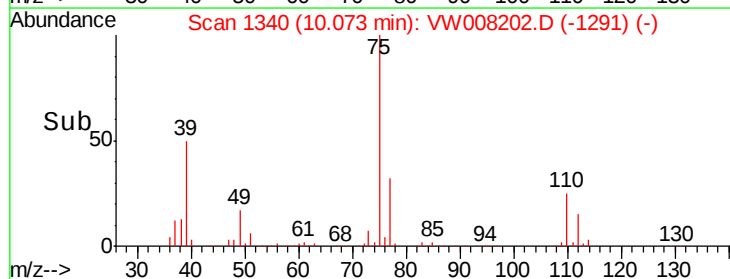
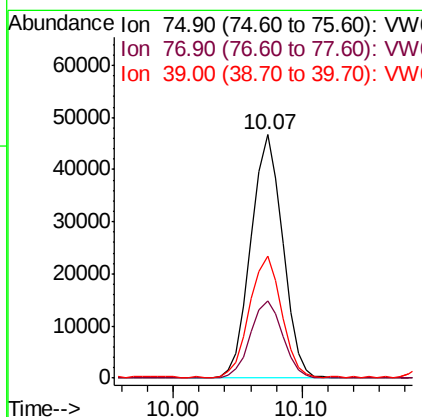
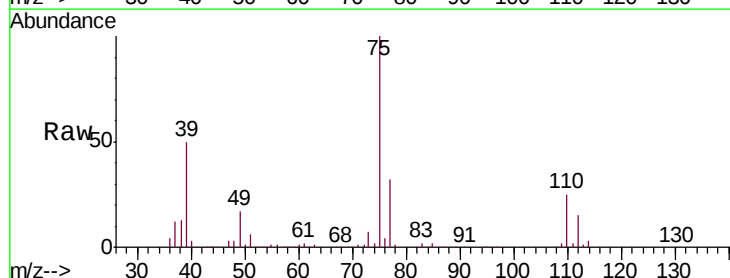
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

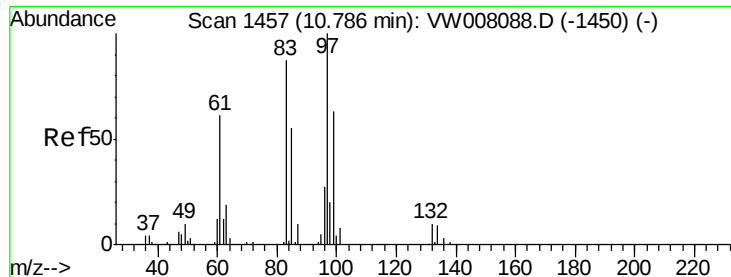
Tgt Ion: 75 Resp: 66809
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 48.135 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 75 Resp: 79904
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 49.9 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 54.357 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

Tgt Ion: 97 Resp: 40449

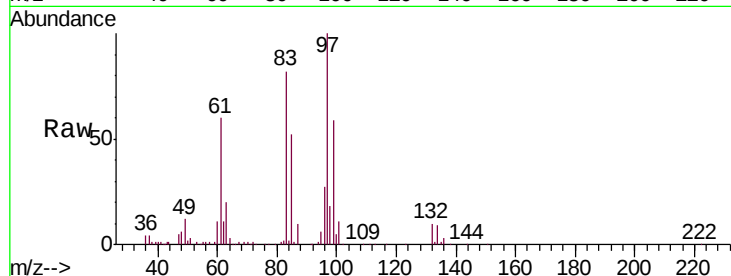
Ion Ratio Lower Upper

97 100

83 81.7 69.3 103.9

85 51.9 43.8 65.6

99 59.3 50.0 75.0

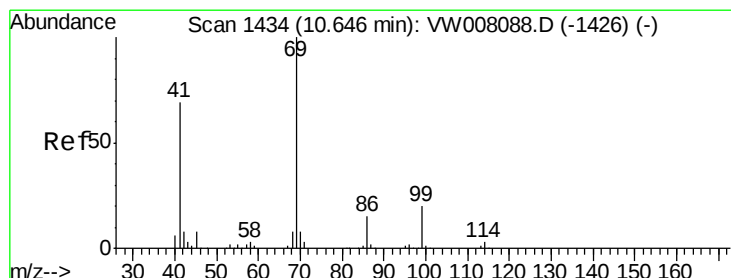
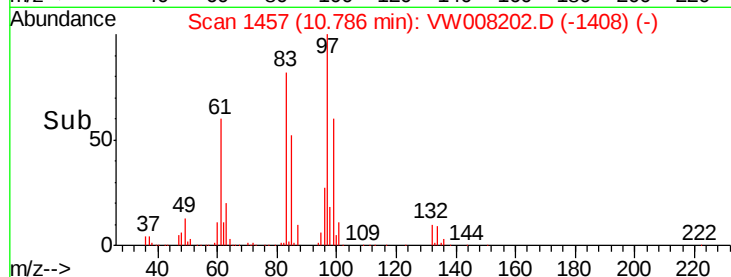
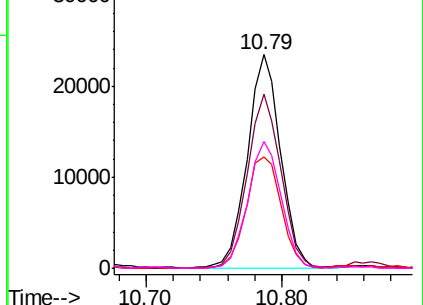


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 54.570 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

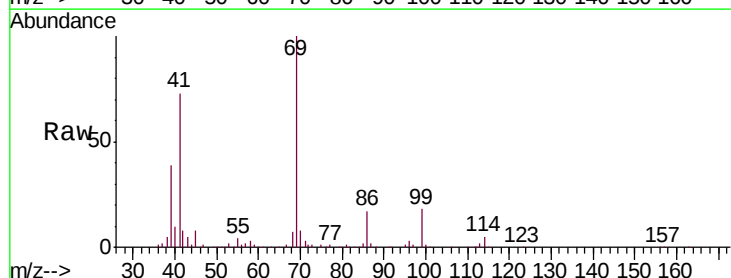
Tgt Ion: 69 Resp: 50289

Ion Ratio Lower Upper

69 100

41 68.8 56.4 84.6

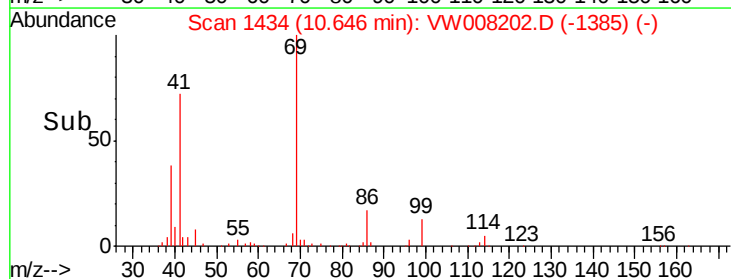
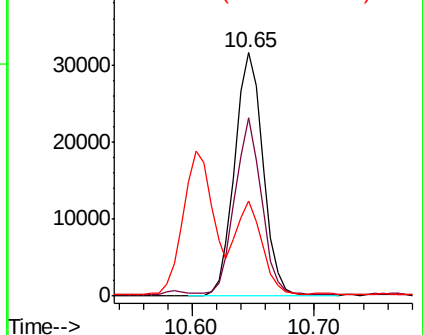
39 35.7 28.1 42.1



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

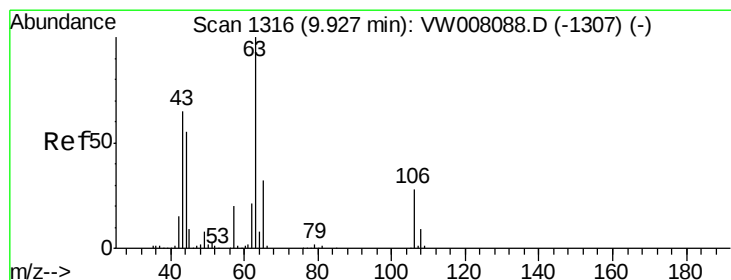
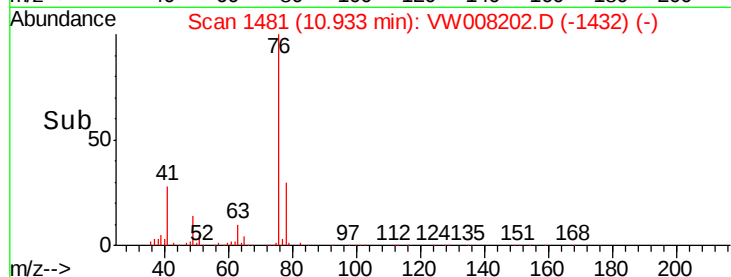
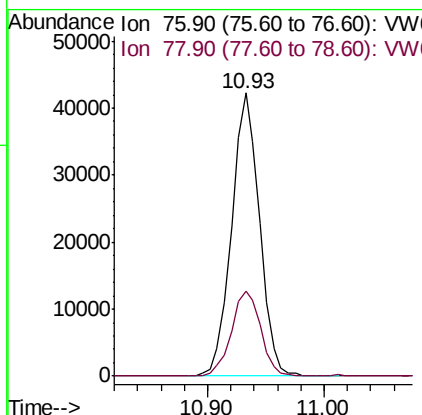
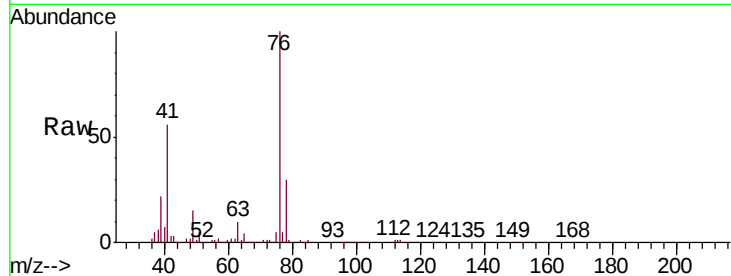




#57
 1,3-Dichloropropane
 Concen: 51.538 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

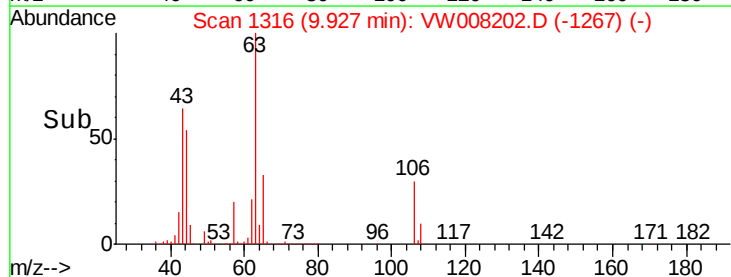
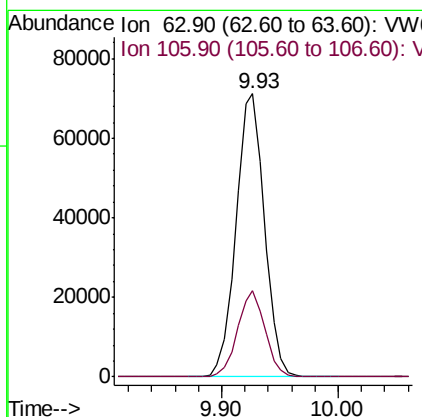
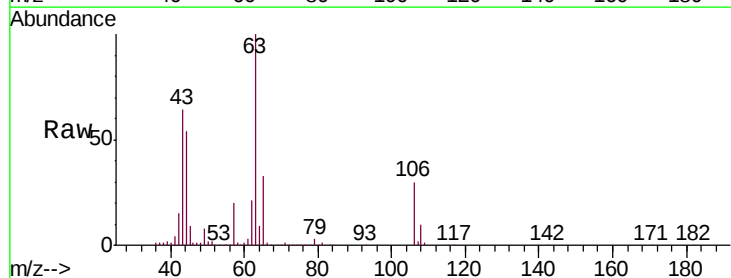
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MS

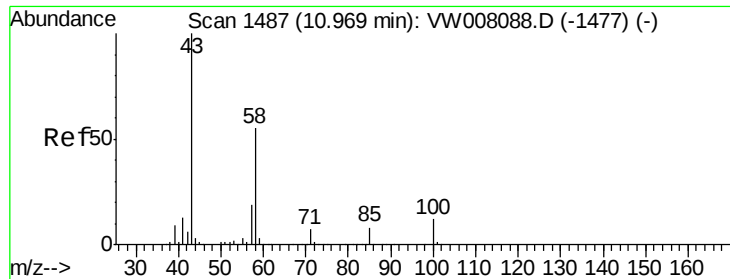
Tgt Ion: 76 Resp: 70140
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.022 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion: 63 Resp: 120922
 Ion Ratio Lower Upper
 63 100
 106 29.2 21.8 32.6

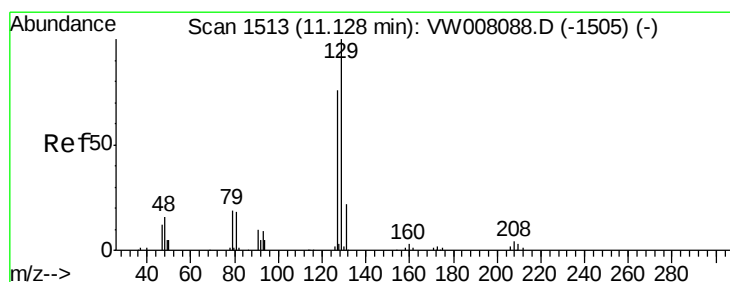
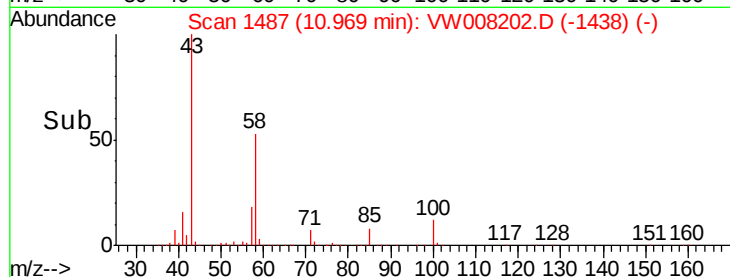
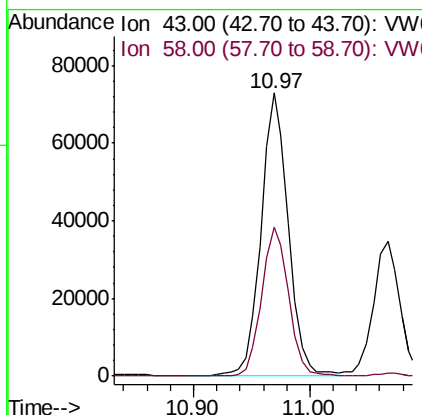
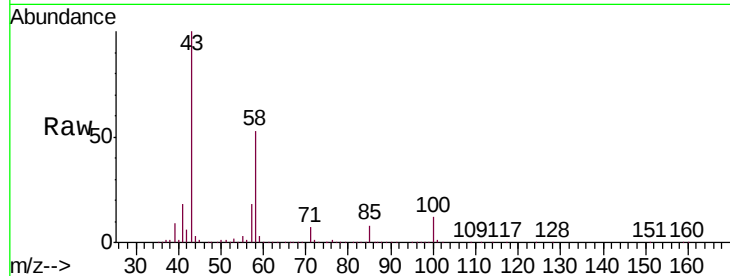




#59
2-Hexanone
Concen: 281.172 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

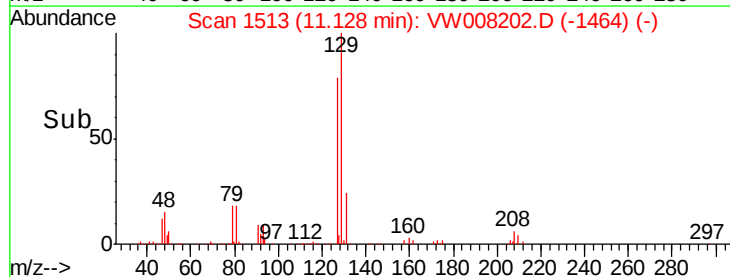
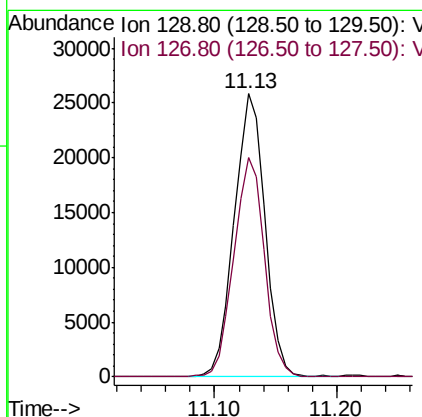
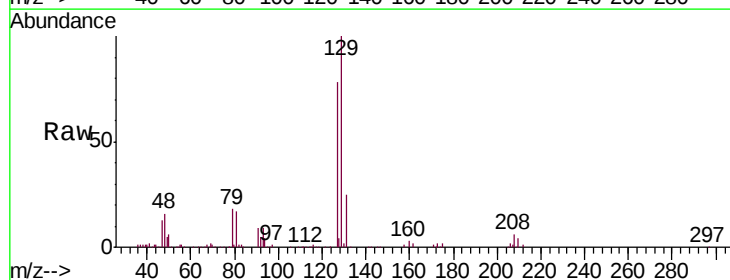
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

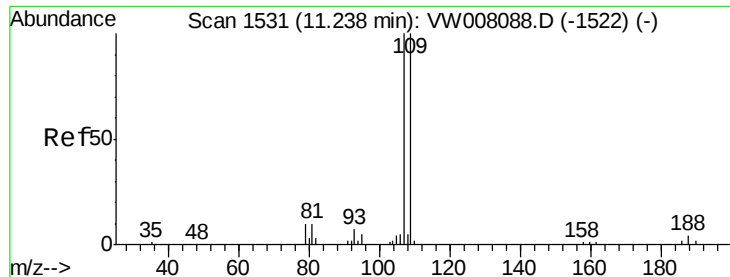
Tgt Ion: 43 Resp: 118308
Ion Ratio Lower Upper
43 100
58 52.3 27.2 81.5



#60
Dibromochloromethane
Concen: 54.861 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 129 Resp: 44830
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6

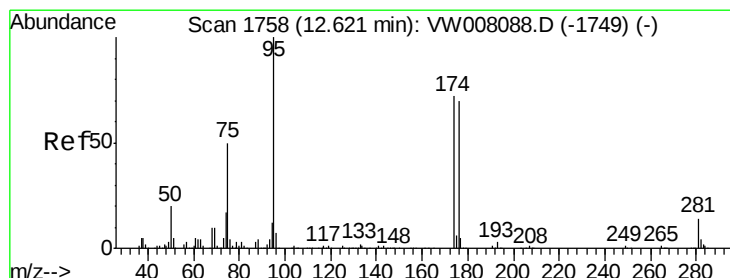
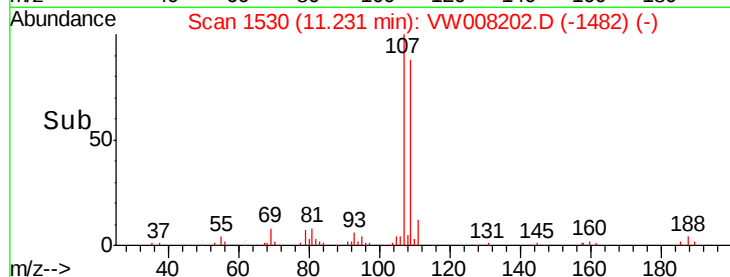
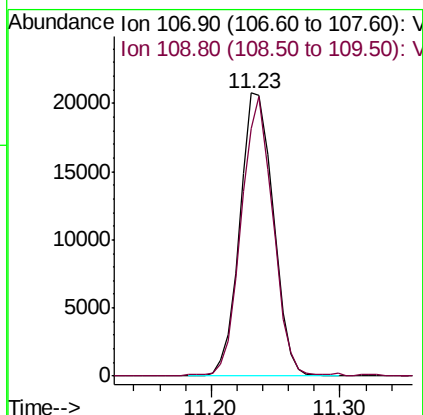
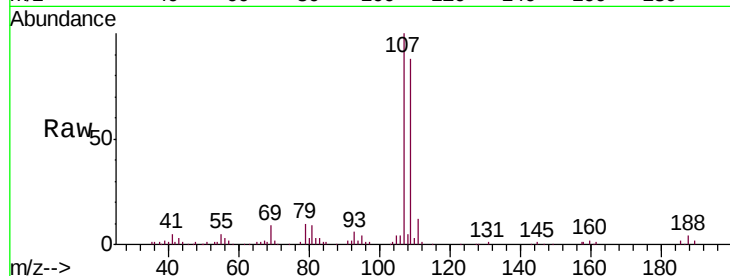




#61
 1,2-Dibromoethane
 Concen: 52.837 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

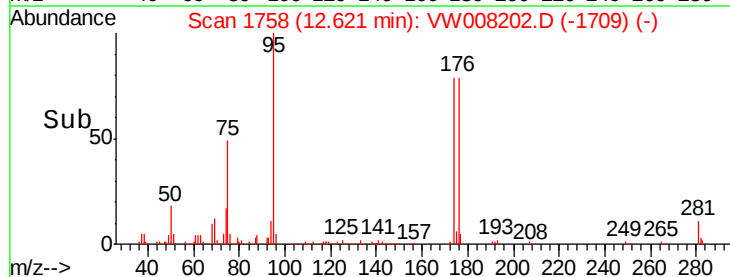
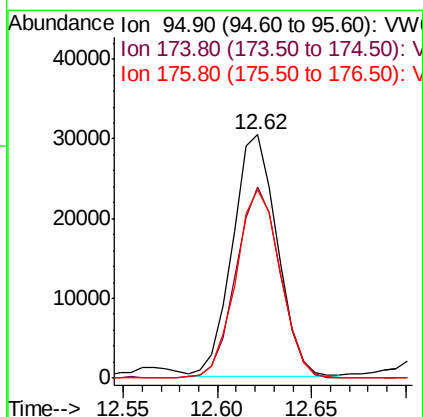
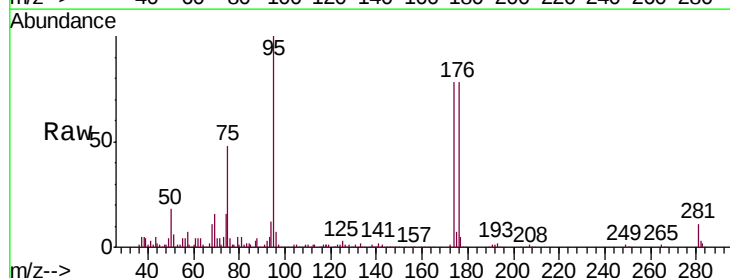
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MS

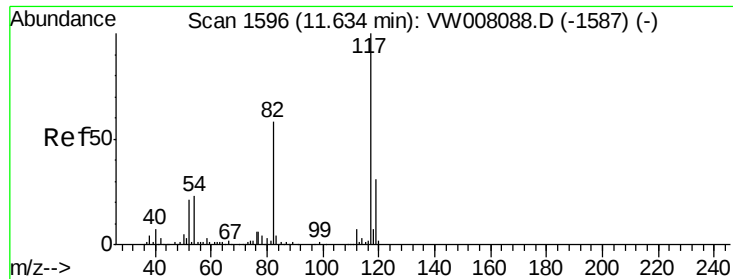
Tgt Ion: 107 Resp: 37308
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 36.141 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion: 95 Resp: 49400
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 143.0
 176 78.3 0.0 140.2

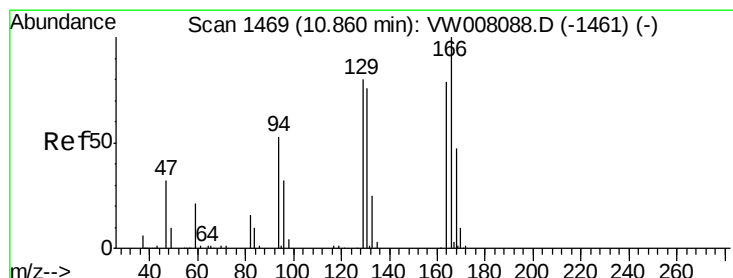
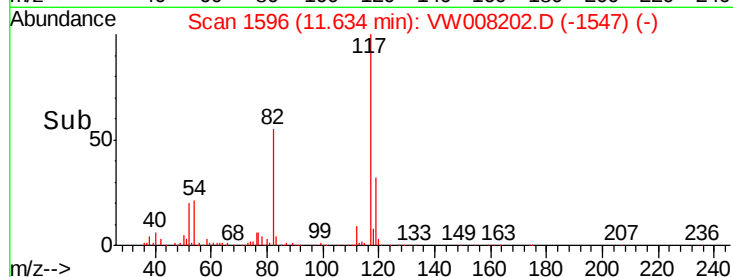
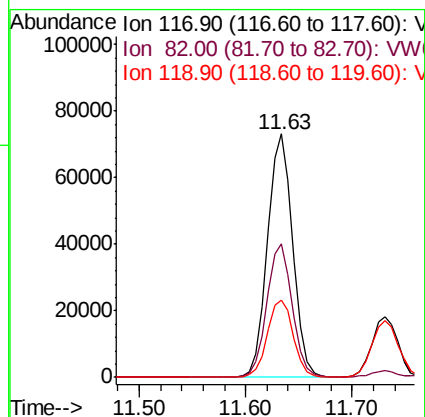
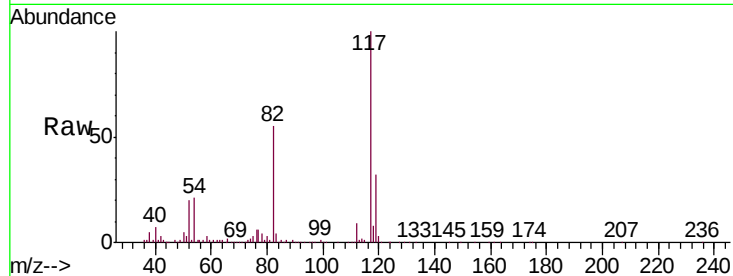




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

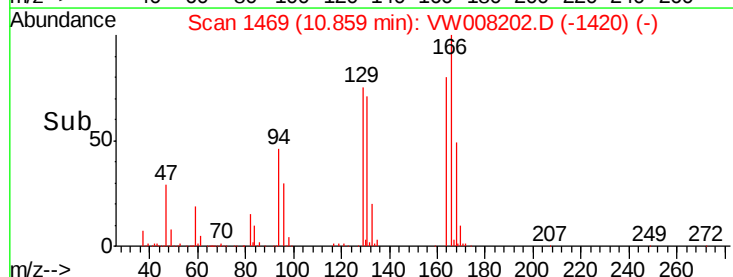
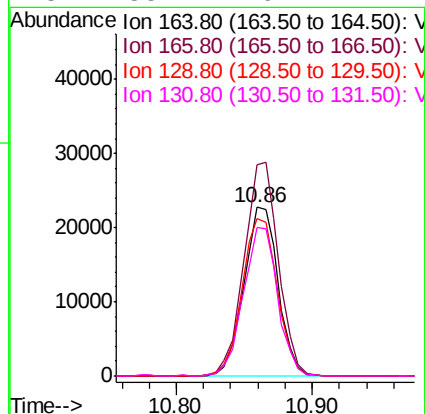
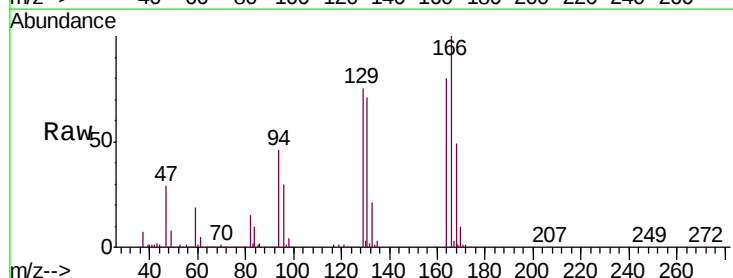
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

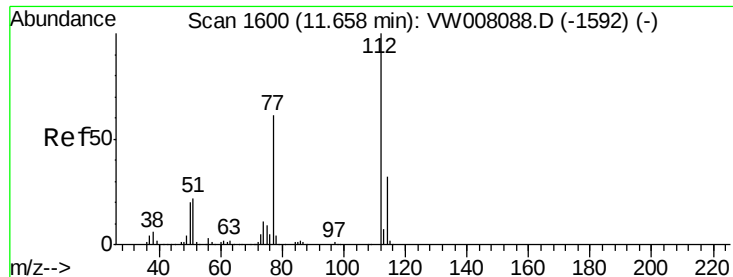
Tgt Ion:117 Resp: 121258
Ion Ratio Lower Upper
117 100
82 54.6 46.4 69.6
119 31.9 24.7 37.1



#64
Tetrachloroethene
Concen: 50.632 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion:164 Resp: 39956
Ion Ratio Lower Upper
164 100
166 125.0 100.7 151.1
129 93.2 81.0 121.4
131 88.4 76.1 114.1





#65

Chlorobenzene

Concen: 48.506 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

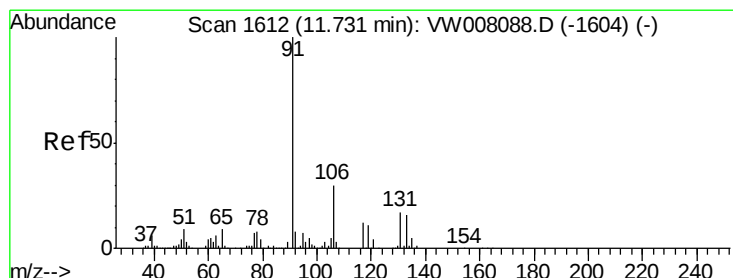
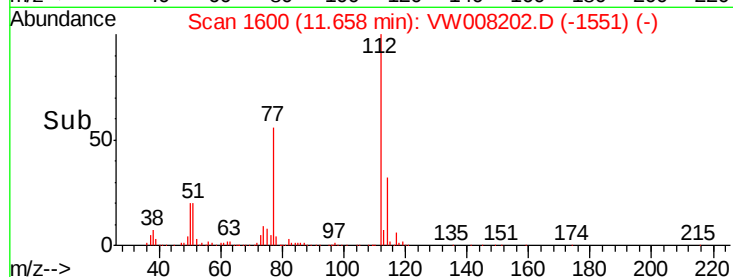
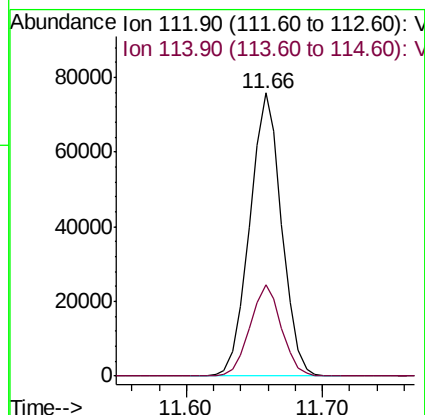
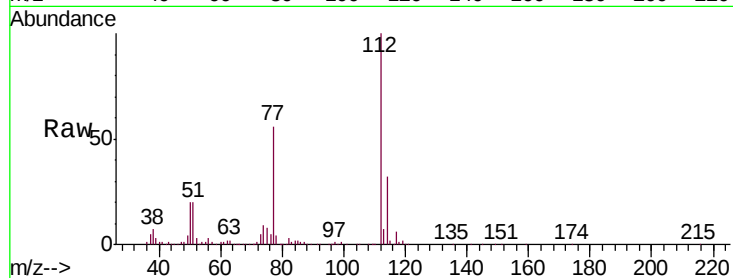
CPSB-06(15-20)MS

Tgt Ion:112 Resp: 124609

Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 55.857 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

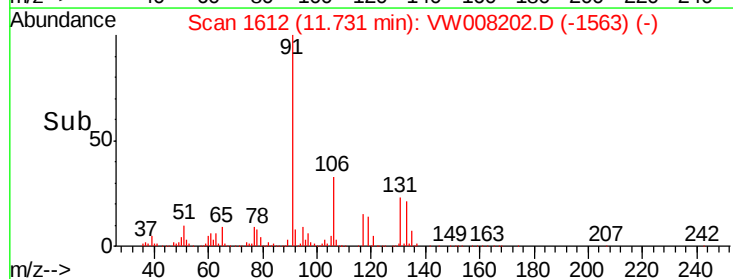
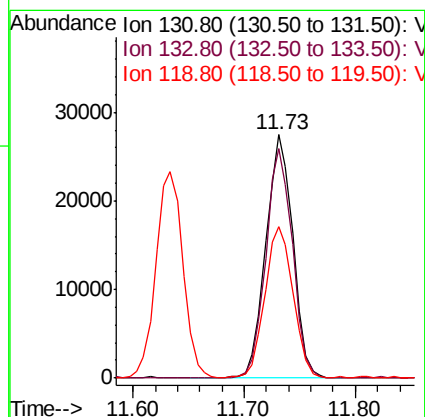
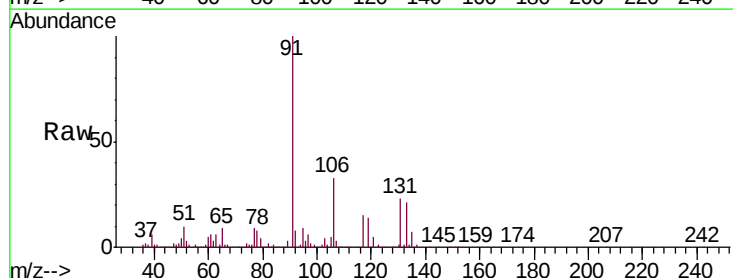
Tgt Ion:131 Resp: 46672

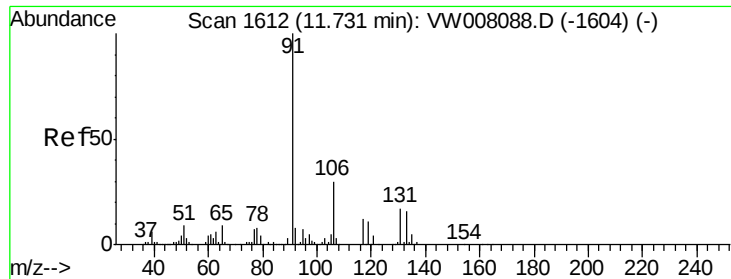
Ion Ratio Lower Upper

131 100

133 92.6 47.9 143.7

119 65.0 32.5 97.4

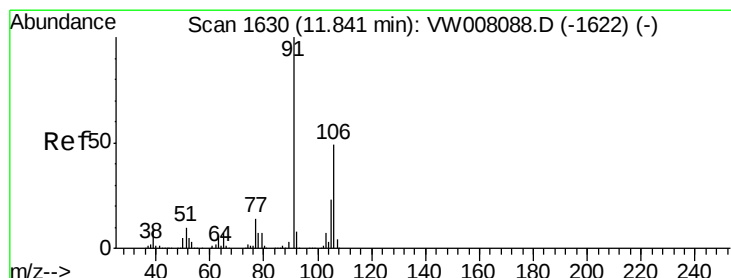
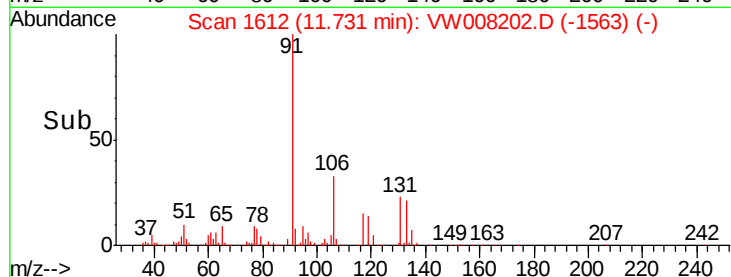
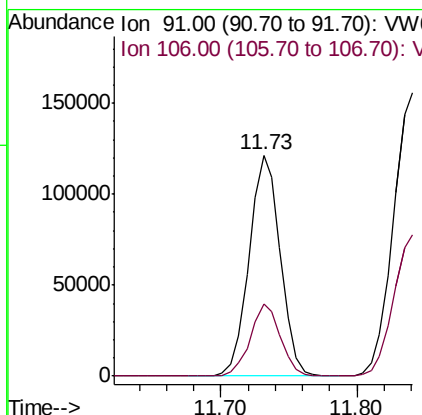
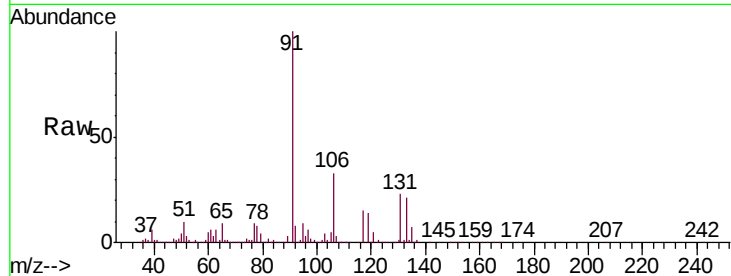




#67
Ethyl Benzene
Concen: 41.383 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

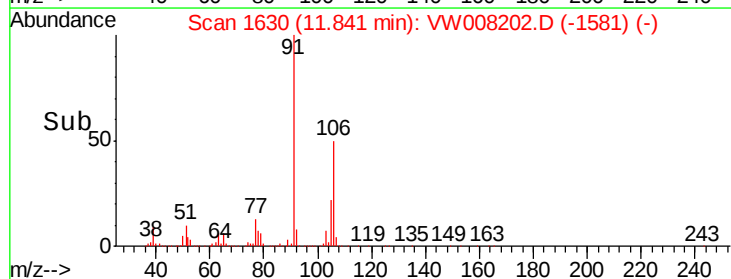
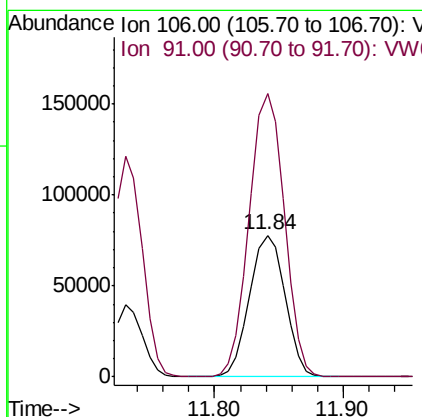
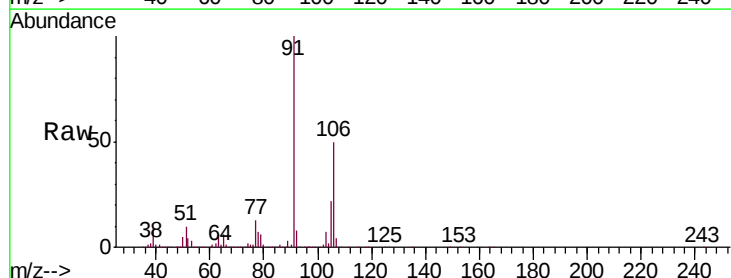
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

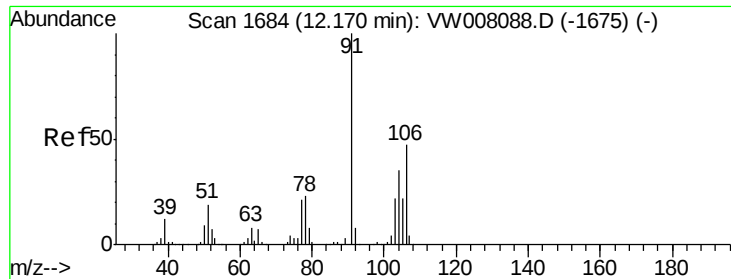
Tgt Ion: 91 Resp: 194517
Ion Ratio Lower Upper
91 100
106 32.9 24.2 36.4



#68
m/p-Xylenes
Concen: 82.855 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion: 106 Resp: 148651
Ion Ratio Lower Upper
106 100
91 198.1 162.4 243.6

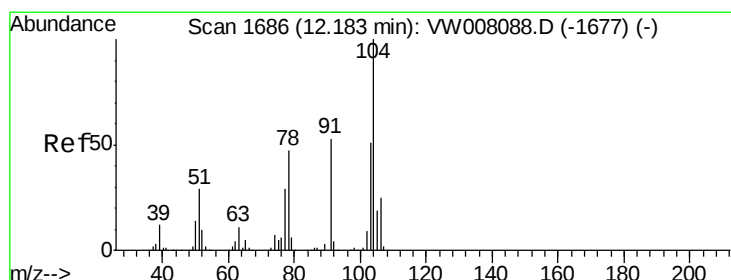
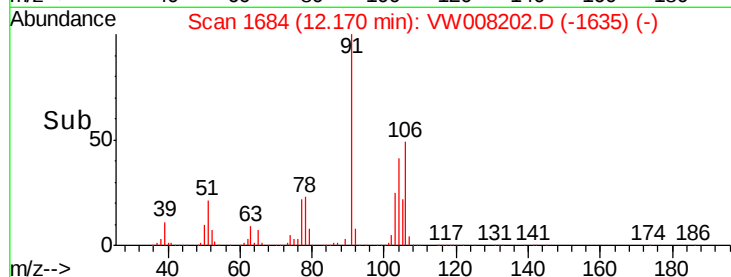
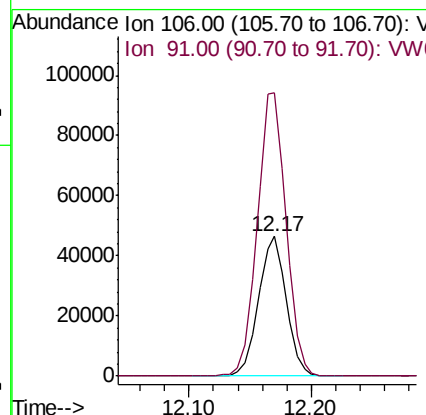
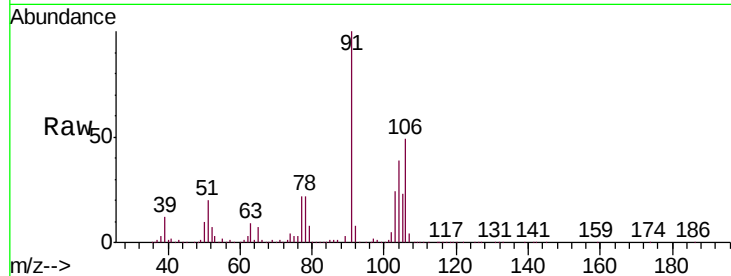




#69
o-Xylene
Concen: 44.307 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

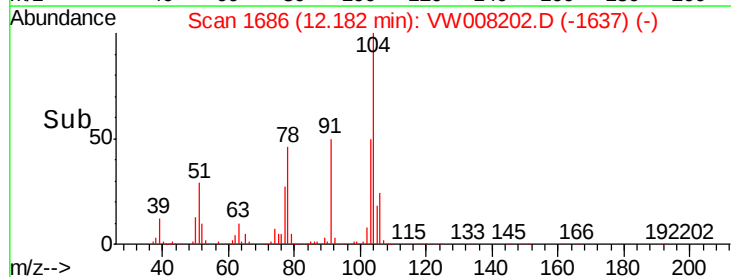
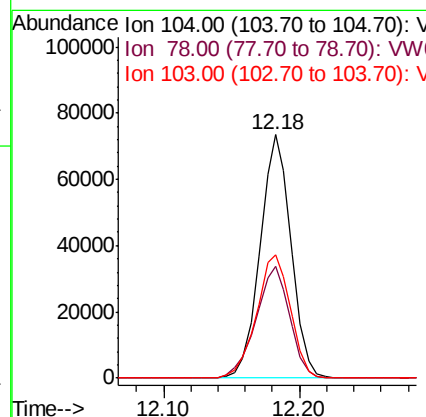
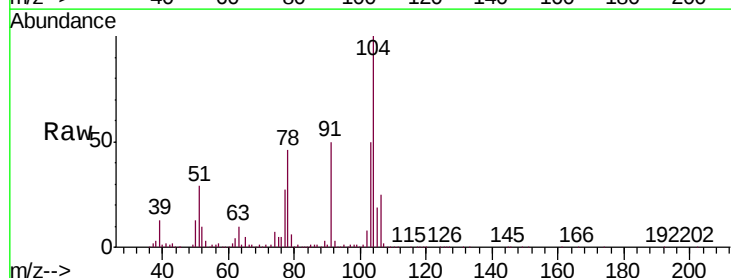
Instrument :
MSVOA_W
ClientSampleId :
CPSB-06(15-20)MS

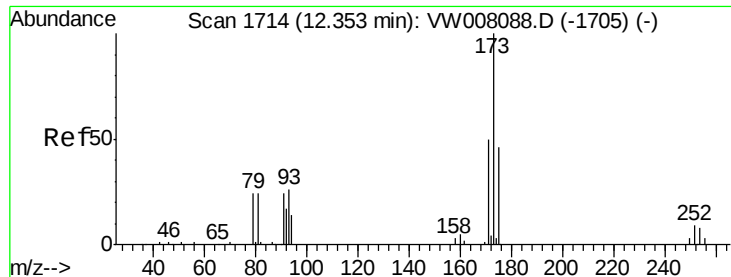
Tgt Ion:106 Resp: 73613
Ion Ratio Lower Upper
106 100
91 209.3 107.8 323.6



#70
Styrene
Concen: 45.100 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion:104 Resp: 117365
Ion Ratio Lower Upper
104 100
78 49.9 41.8 62.8
103 55.5 43.8 65.8





#71

Bromoform

Concen: 62.698 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

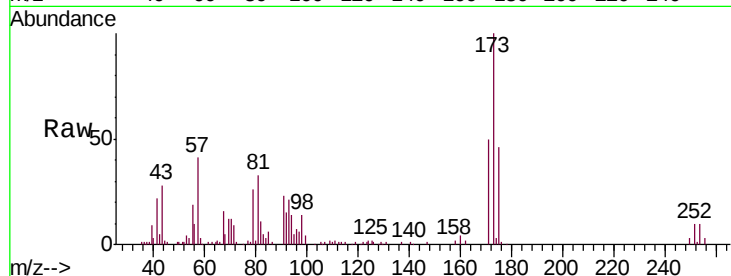
Tgt Ion:173 Resp: 23446

Ion Ratio Lower Upper

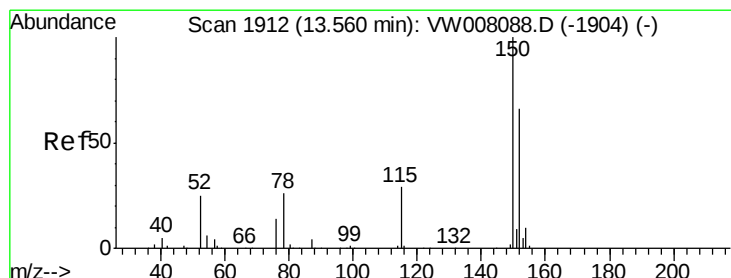
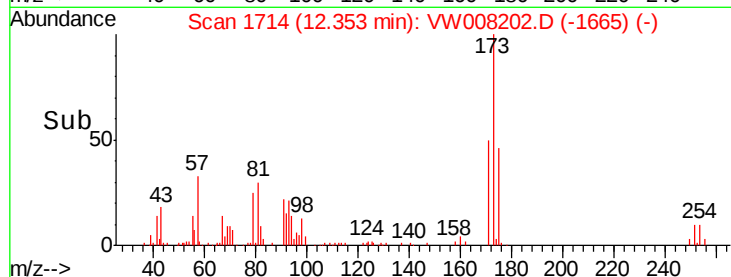
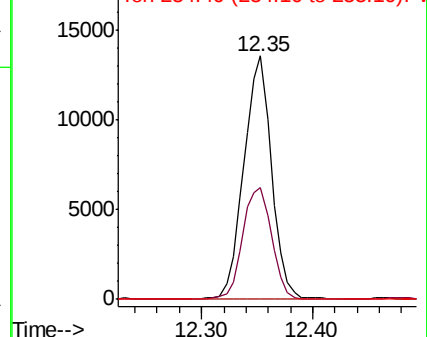
173 100

175 47.9 23.3 69.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

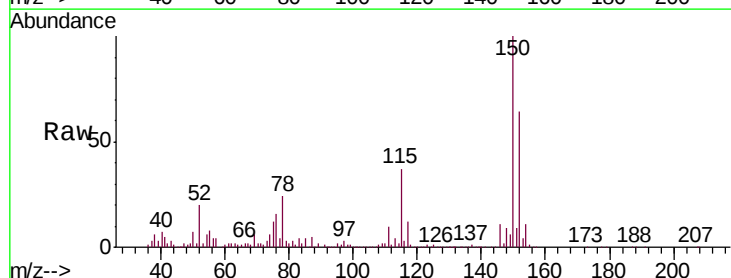
Tgt Ion:152 Resp: 41864

Ion Ratio Lower Upper

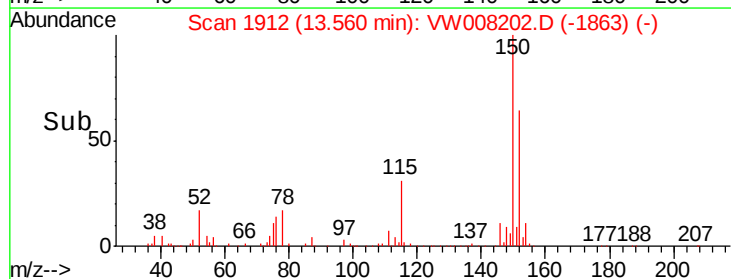
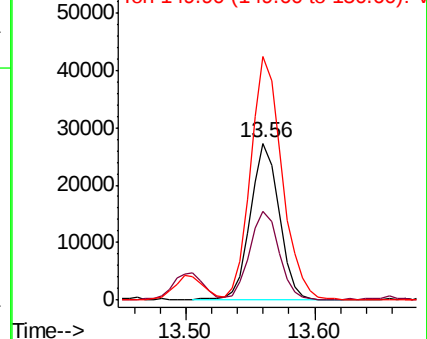
152 100

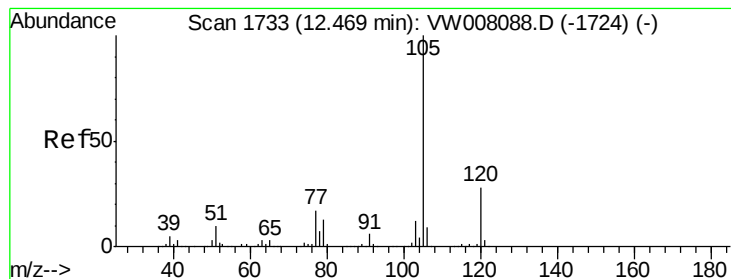
115 57.2 30.8 92.4

150 168.5 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.370 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

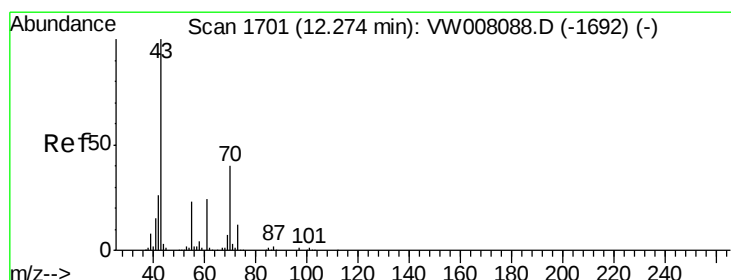
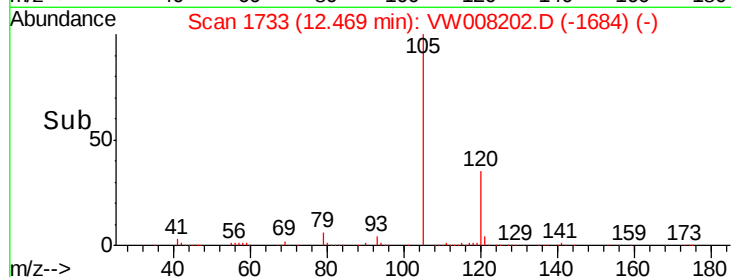
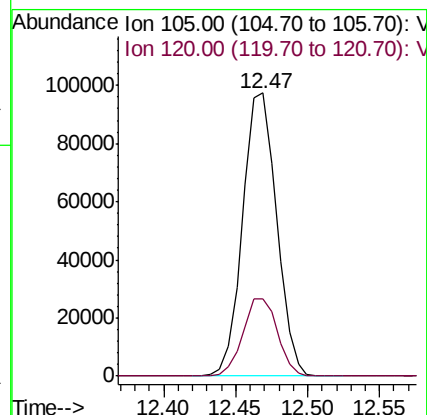
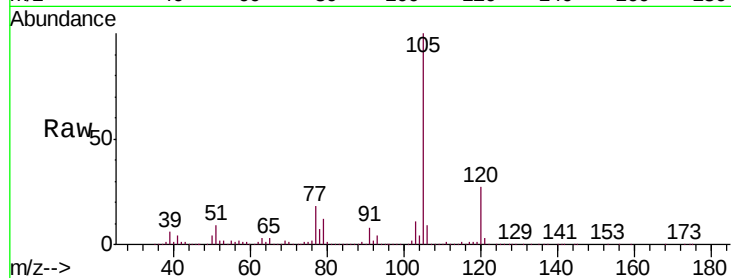
CPSB-06(15-20)MS

Tgt Ion: 105 Resp: 158977

Ion Ratio Lower Upper

105 100

120 28.2 13.6 40.8



#74

N-ethyl acetate

Concen: 87.366 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Tgt Ion: 43 Resp: 63590

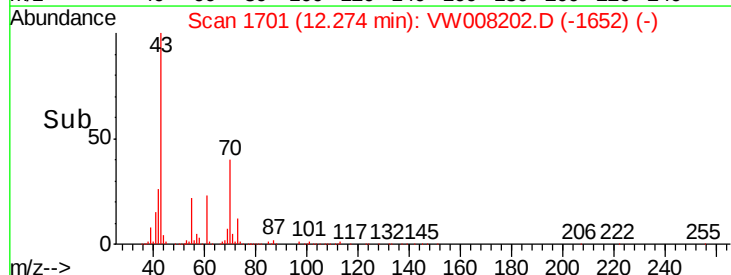
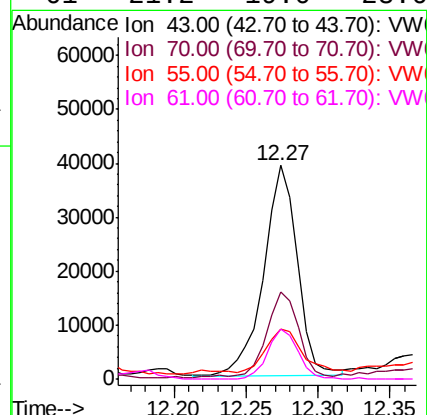
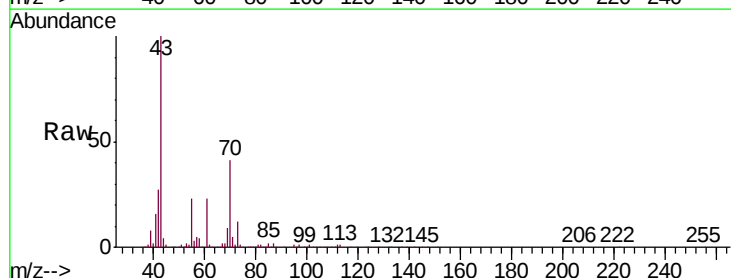
Ion Ratio Lower Upper

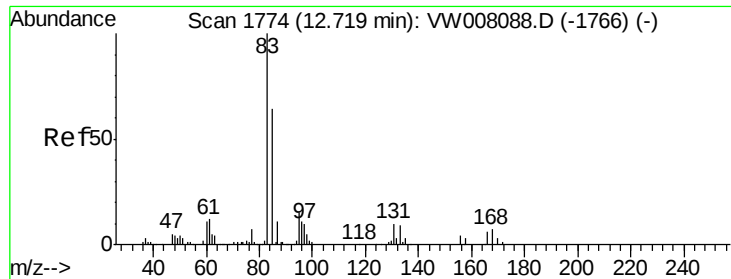
43 100

70 38.5 32.4 48.6

55 24.3 18.7 28.1

61 21.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 79.884 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

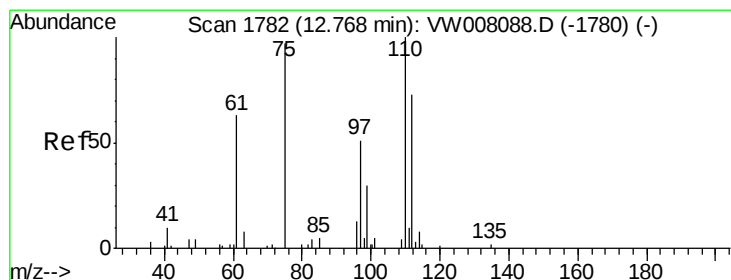
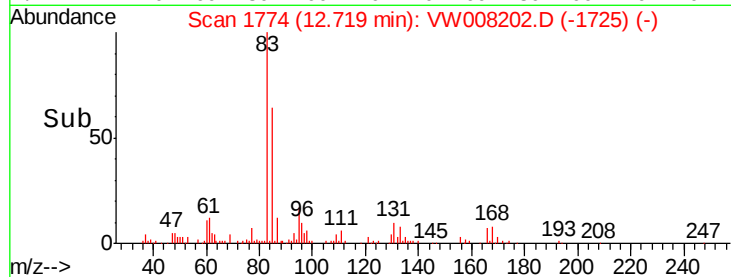
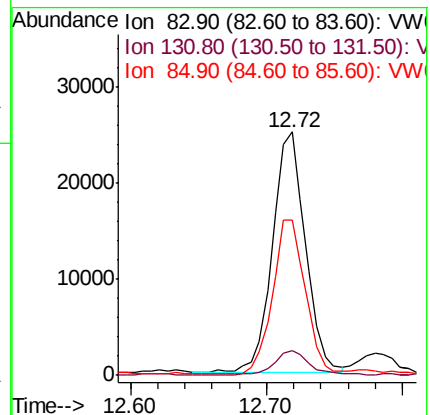
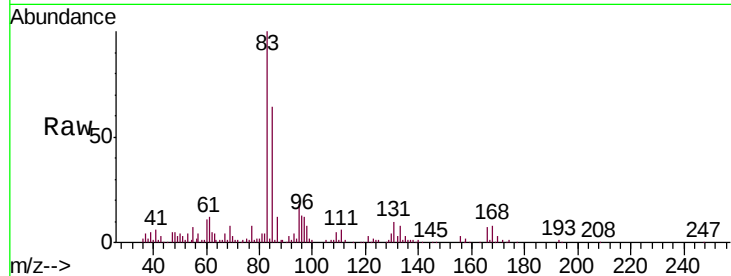
Tgt Ion: 83 Resp: 42026

Ion Ratio Lower Upper

83 100

131 11.5 5.3 16.1

85 64.0 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 138.182 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008202.D

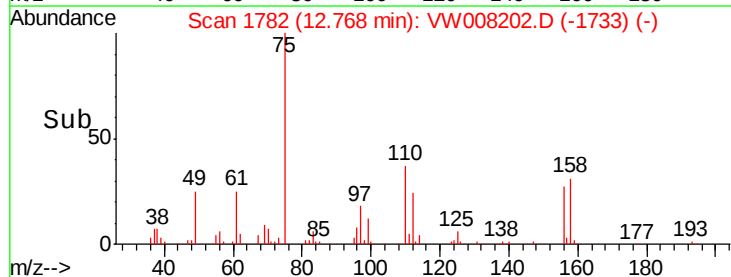
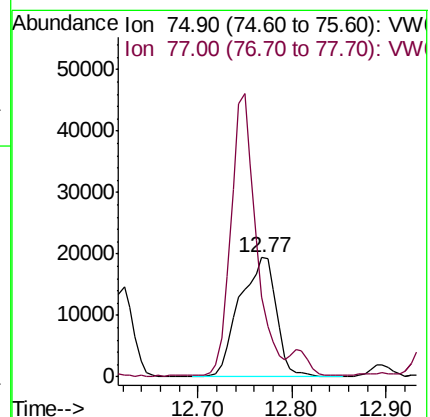
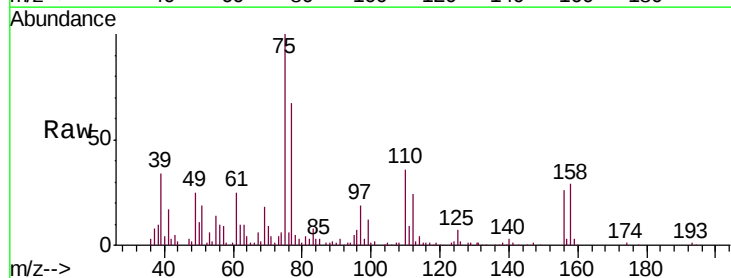
Acq: 11 Jan 2019 18:51

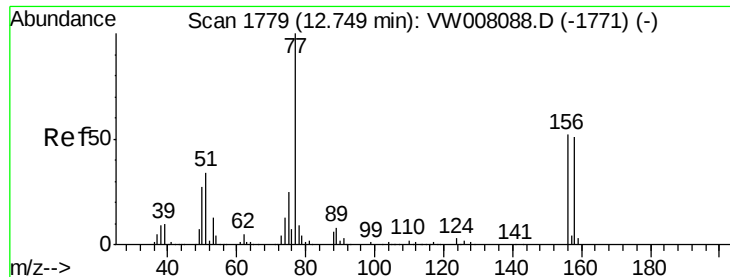
Tgt Ion: 75 Resp: 52735

Ion Ratio Lower Upper

75 100

77 162.8 179.4 538.2#





#77

Bromobenzene

Concen: 63.520 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

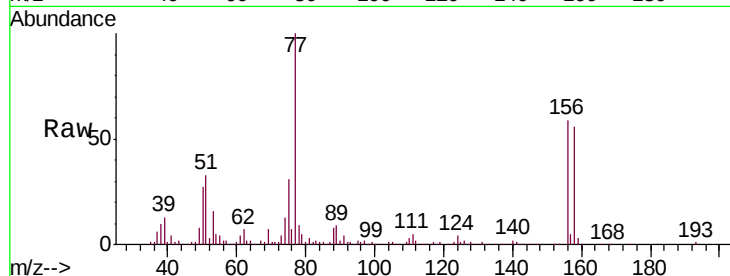
Tgt Ion:156 Resp: 44113

Ion Ratio Lower Upper

156 100

77 194.6 104.2 312.5

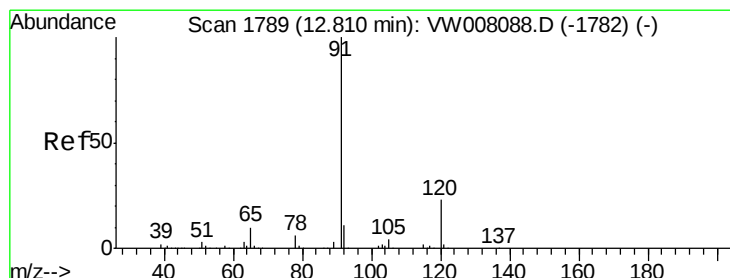
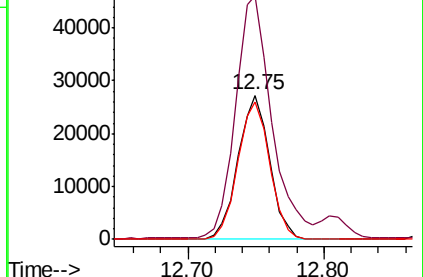
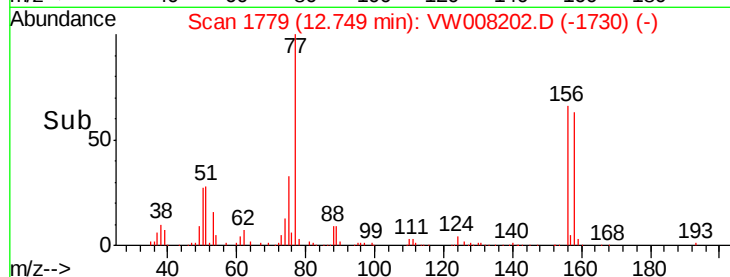
158 96.8 47.9 143.6



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: 42.044 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008202.D

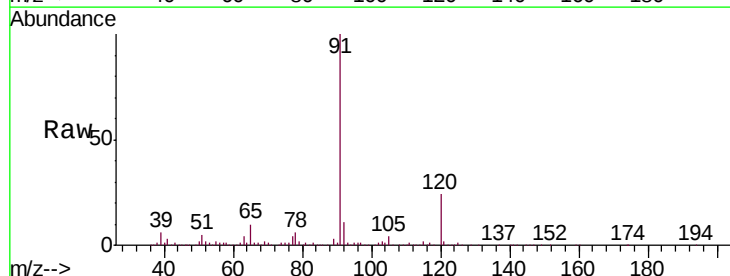
Acq: 11 Jan 2019 18:51

Tgt Ion: 91 Resp: 169318

Ion Ratio Lower Upper

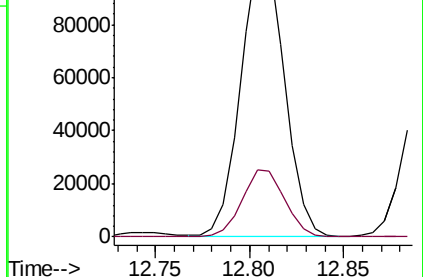
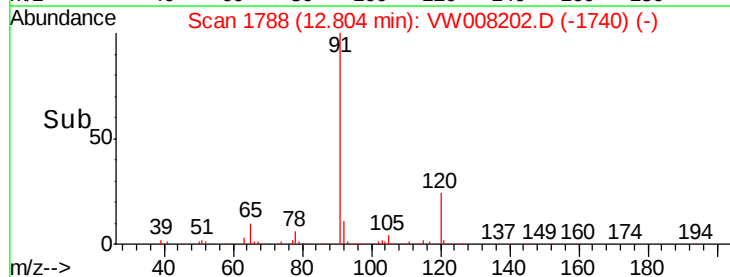
91 100

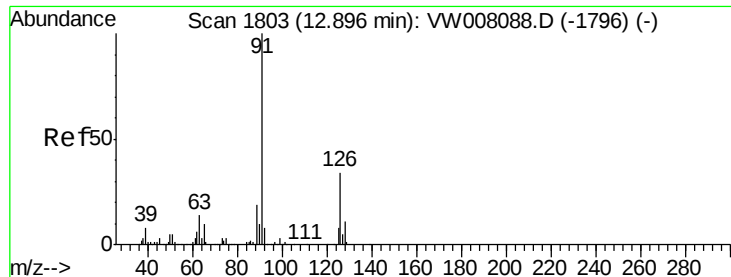
120 23.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.764 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

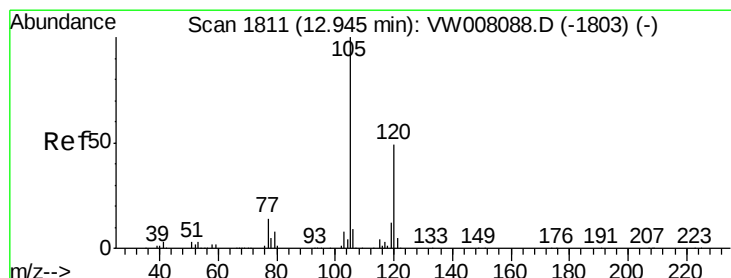
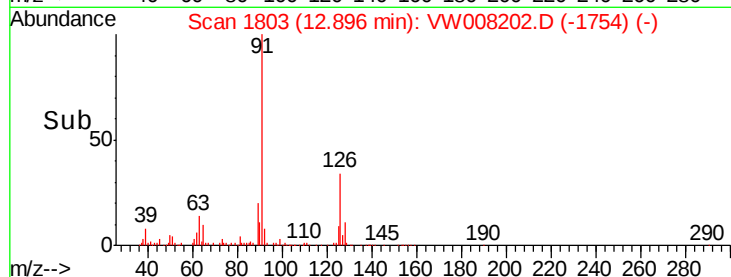
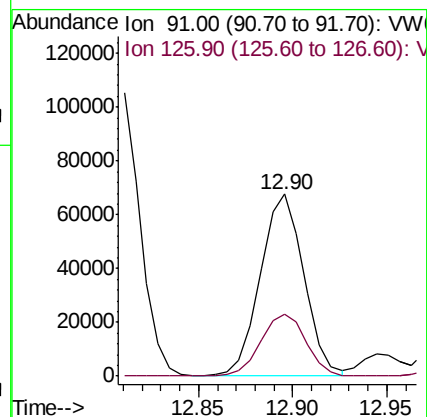
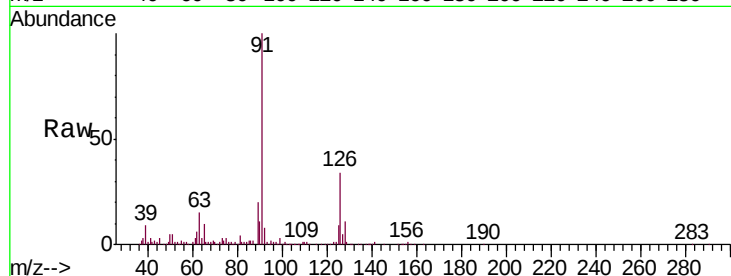
CPSB-06(15-20)MS

Tgt Ion: 91 Resp: 107314

Ion Ratio Lower Upper

91 100

126 35.9 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 42.383 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008202.D

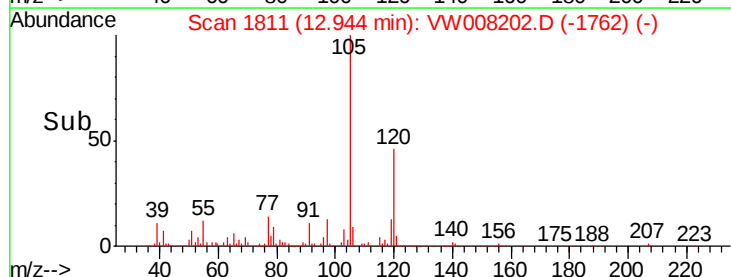
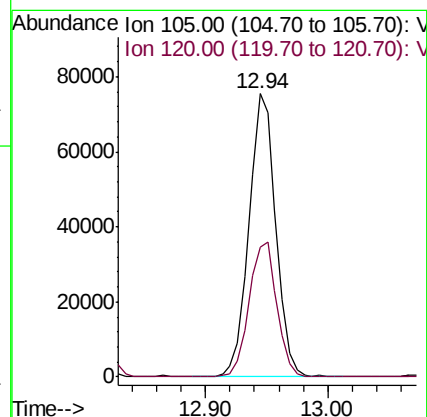
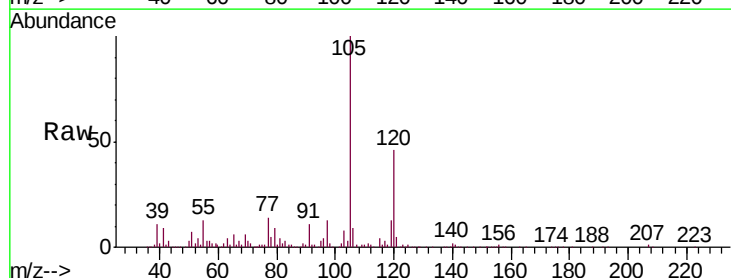
Acq: 11 Jan 2019 18:51

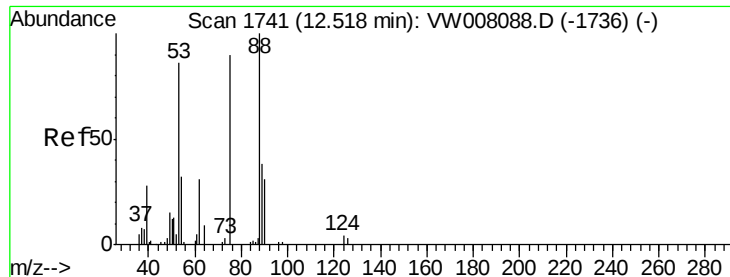
Tgt Ion: 105 Resp: 114473

Ion Ratio Lower Upper

105 100

120 49.1 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 74.644 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

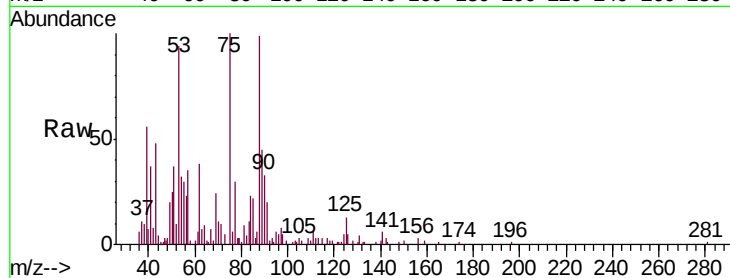
Tgt Ion: 75 Resp: 12233

Ion Ratio Lower Upper

75 100

53 105.2 78.8 118.2

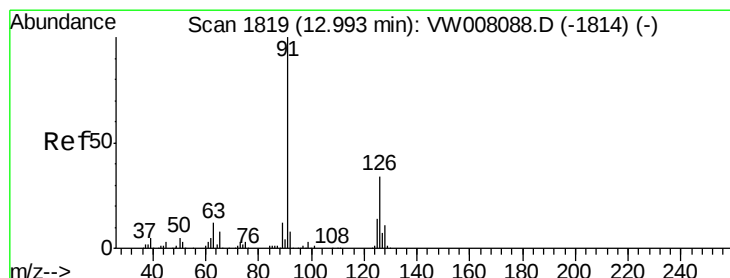
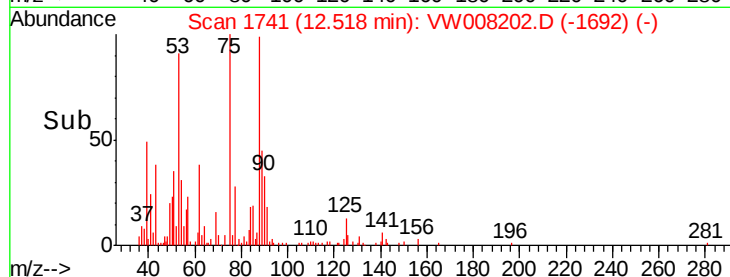
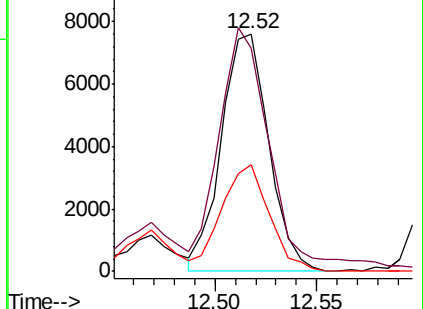
89 45.4 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 46.831 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008202.D

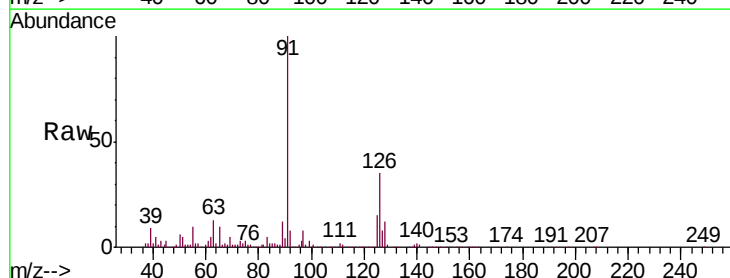
Acq: 11 Jan 2019 18:51

Tgt Ion: 91 Resp: 110816

Ion Ratio Lower Upper

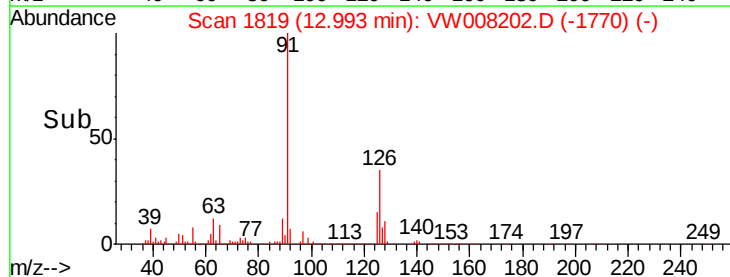
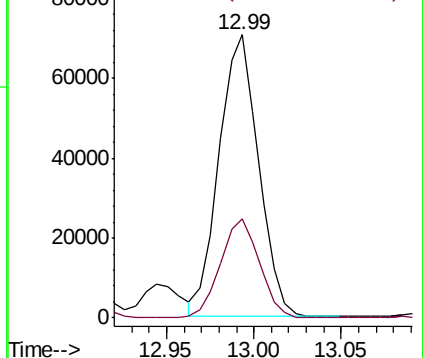
91 100

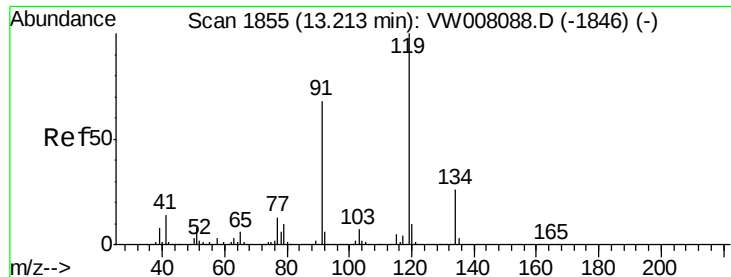
126 35.0 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

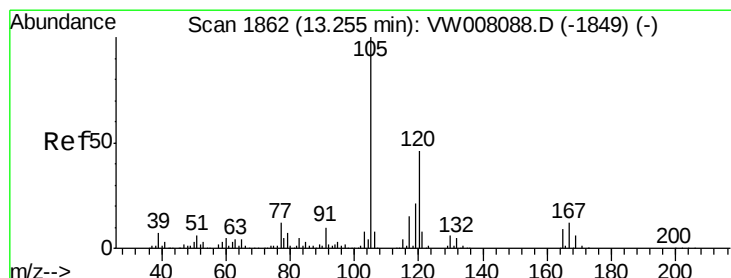
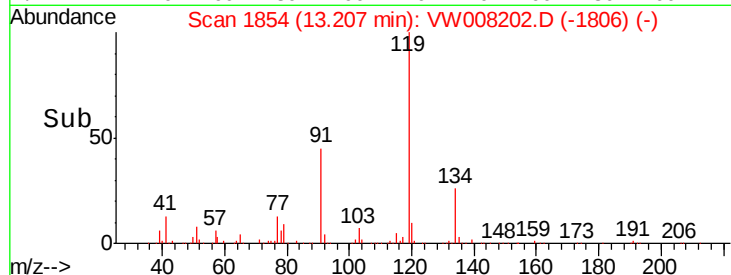
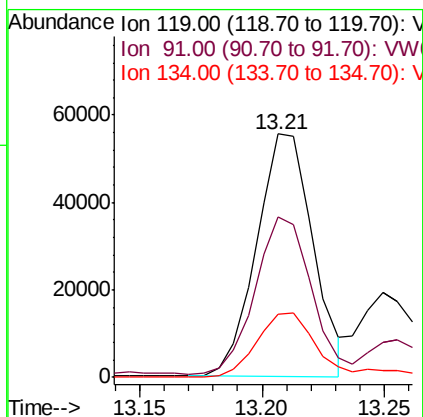
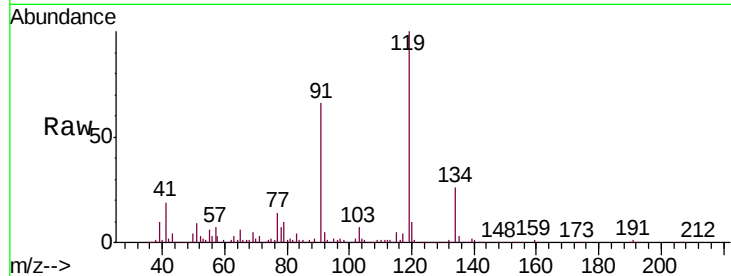




#83
 tert-Butylbenzene
 Concen: 37.263 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

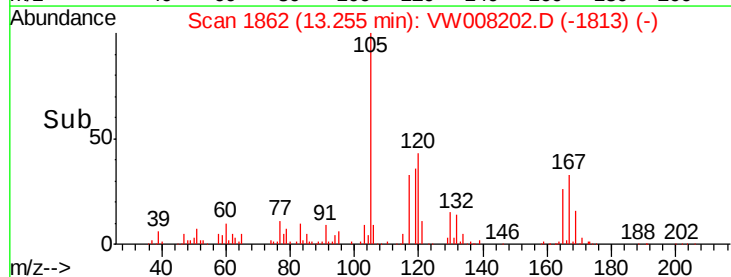
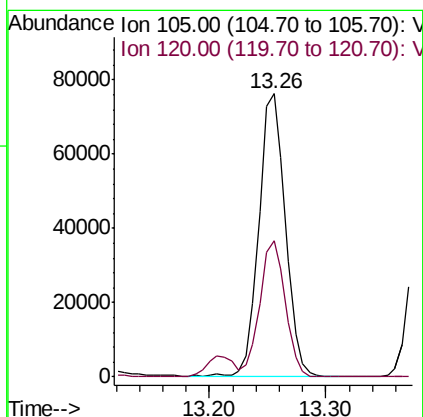
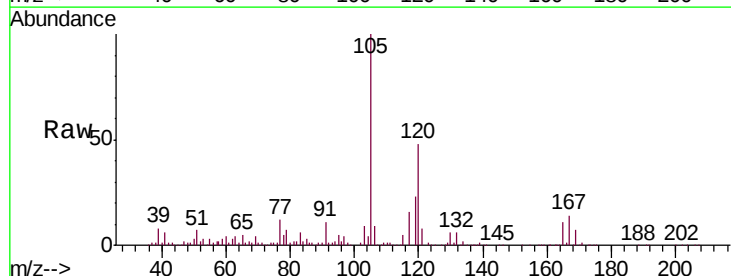
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-06(15-20)MS

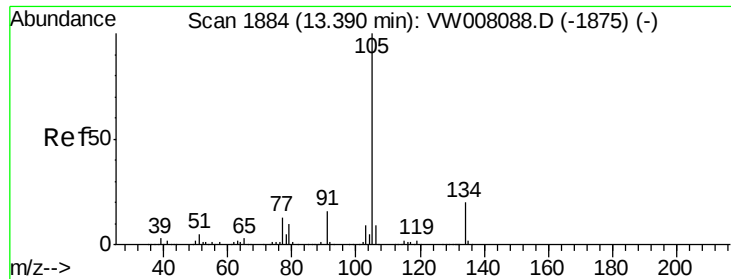
Tgt Ion:119 Resp: 89038
 Ion Ratio Lower Upper
 119 100
 91 64.4 33.9 101.6
 134 29.8 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 43.295 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion:105 Resp: 120603
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 34.024 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

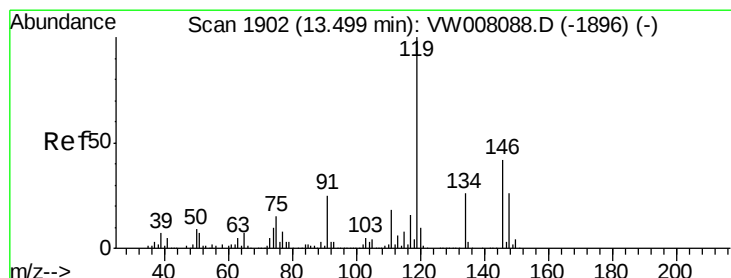
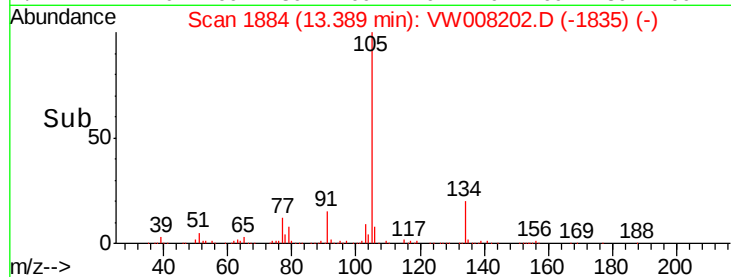
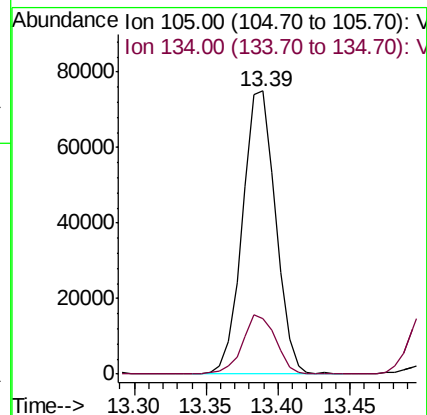
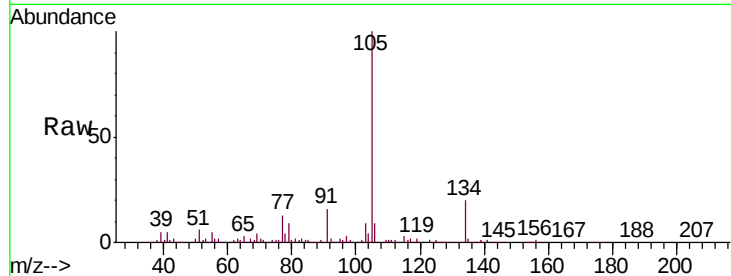
CPSB-06(15-20)MS

Tgt Ion:105 Resp: 119091

Ion Ratio Lower Upper

105 100

134 21.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 33.328 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

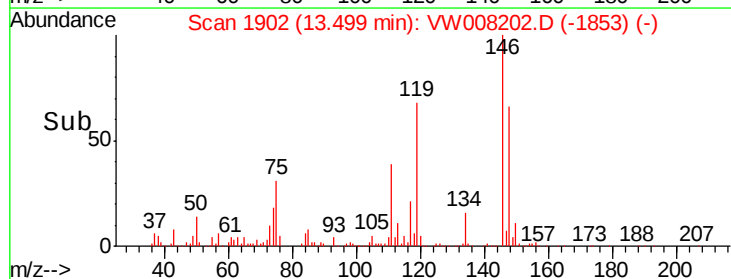
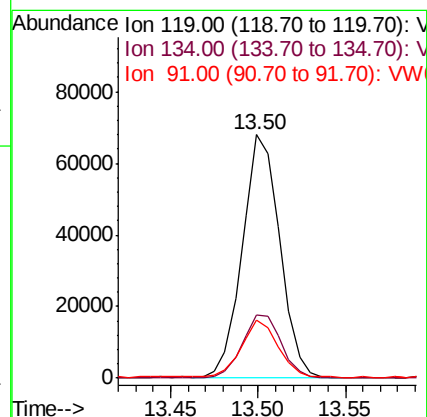
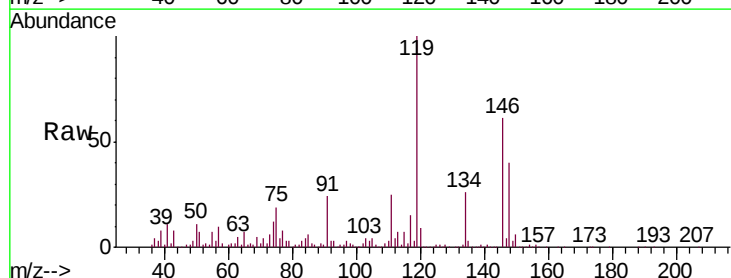
Tgt Ion:119 Resp: 100737

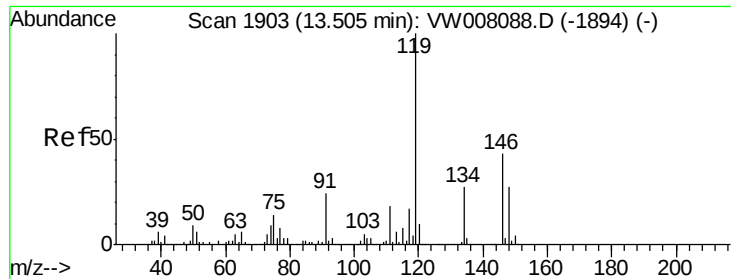
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

91 23.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 46.752 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

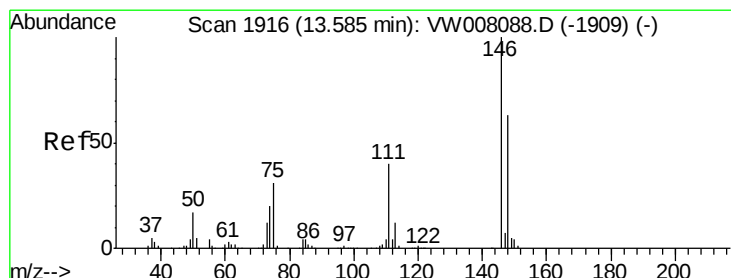
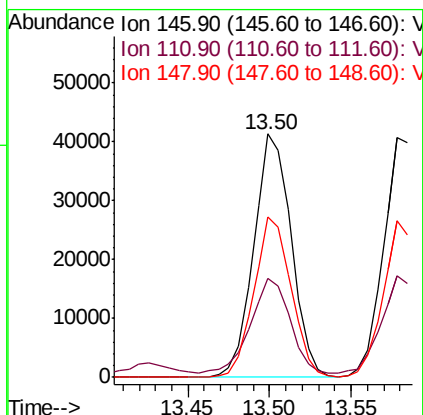
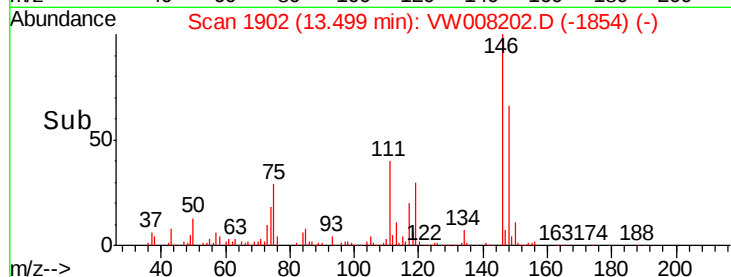
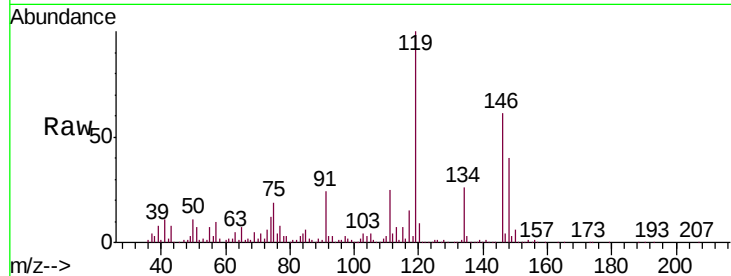
Tgt Ion:146 Resp: 65862

Ion Ratio Lower Upper

146 100

111 41.4 21.1 63.1

148 65.2 31.3 93.9



#88

1,4-Dichlorobenzene

Concen: 46.046 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.01 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

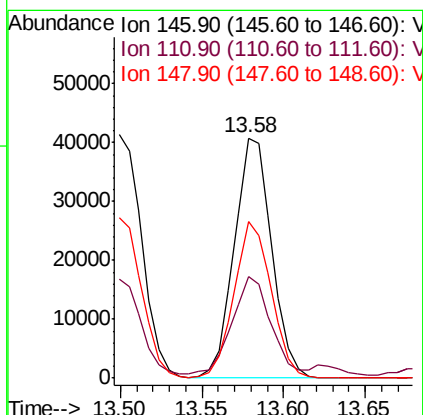
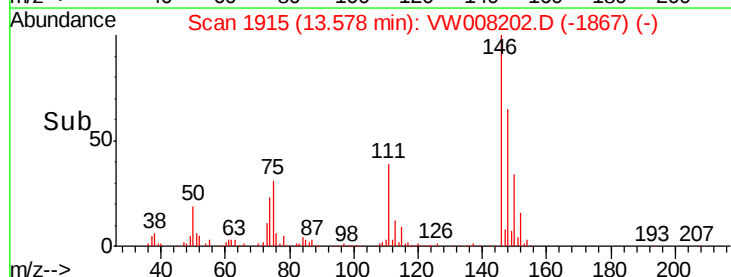
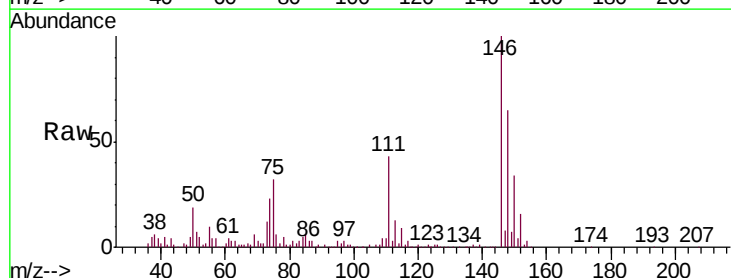
Tgt Ion:146 Resp: 65083

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.5

148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 28.313 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

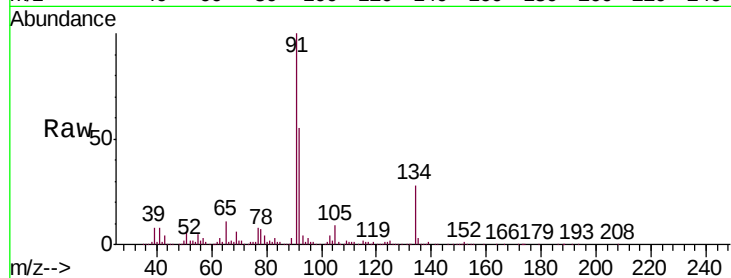
Tgt Ion: 91 Resp: 83815

Ion Ratio Lower Upper

91 100

92 54.8 27.4 82.2

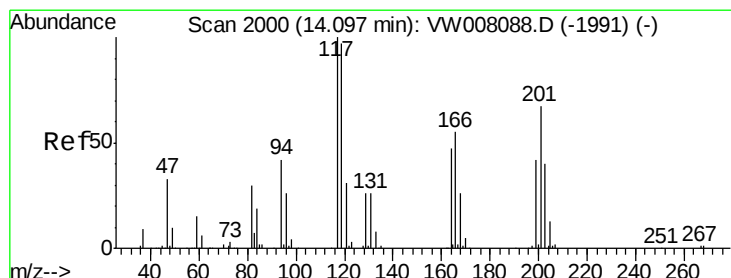
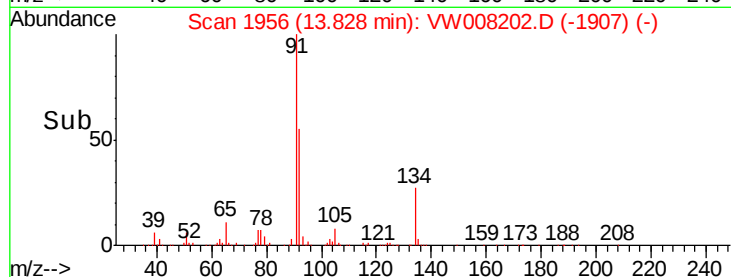
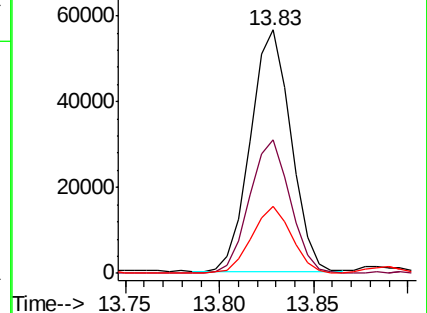
134 27.5 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 38.795 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008202.D

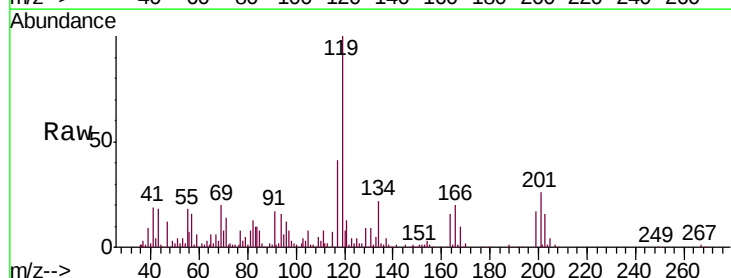
Acq: 11 Jan 2019 18:51

Tgt Ion: 117 Resp: 19806

Ion Ratio Lower Upper

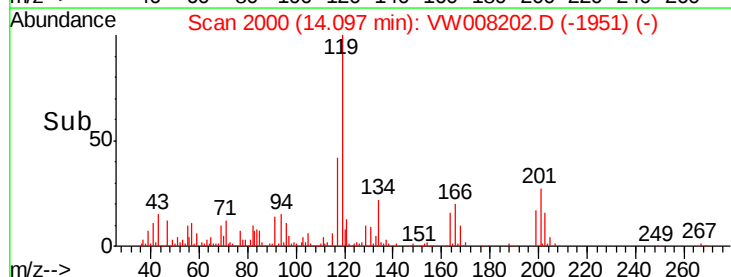
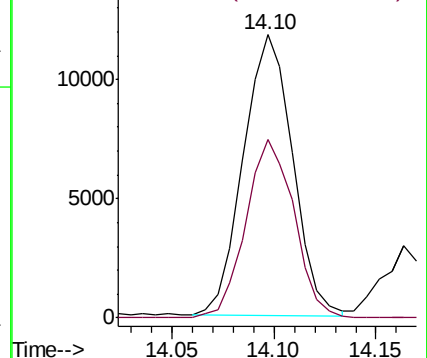
117 100

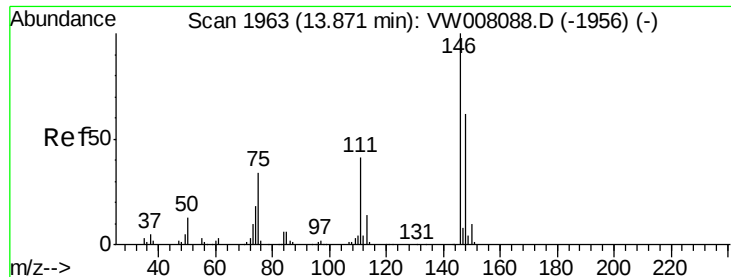
201 61.9 33.0 98.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.590 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MS

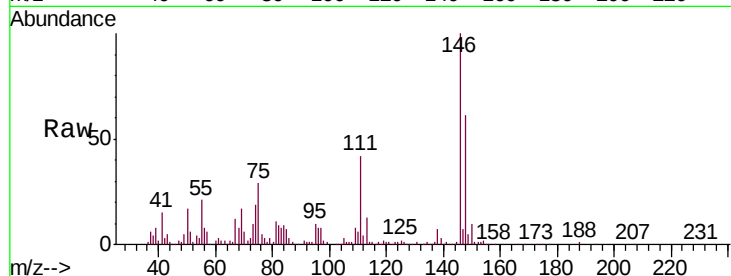
Tgt Ion:146 Resp: 62635

Ion Ratio Lower Upper

146 100

111 47.1 21.3 63.7

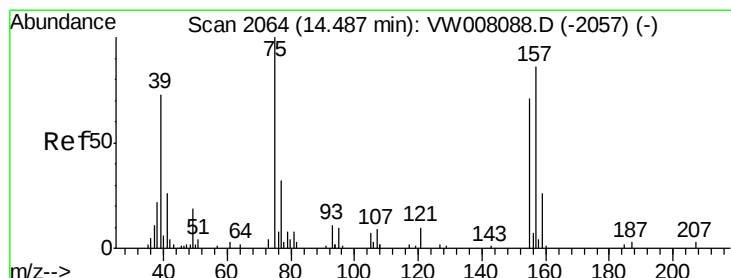
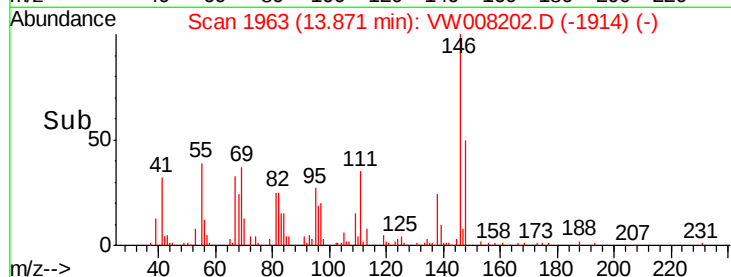
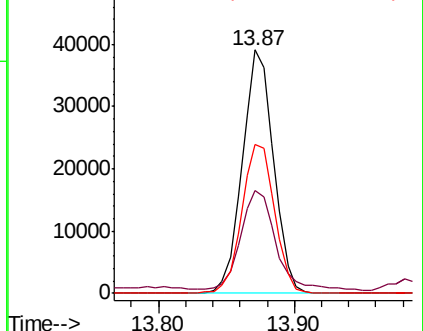
148 64.3 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 75.723 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW008202.D

Acq: 11 Jan 2019 18:51

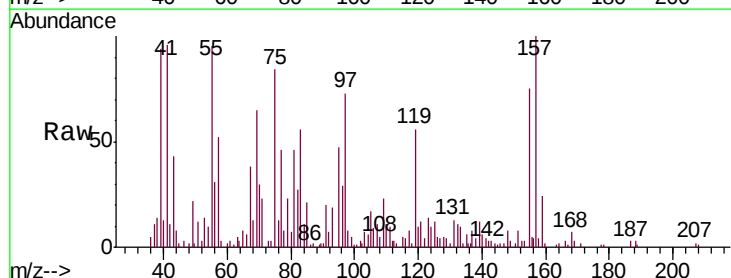
Tgt Ion: 75 Resp: 6411

Ion Ratio Lower Upper

75 100

155 84.2 38.6 115.7

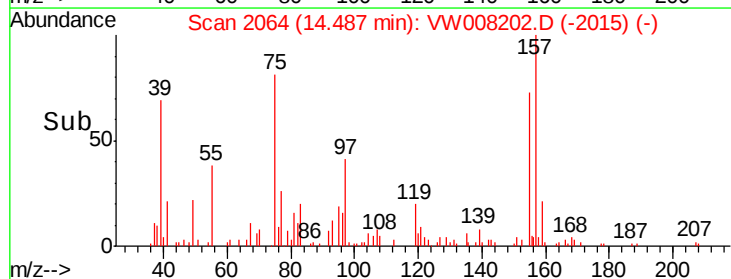
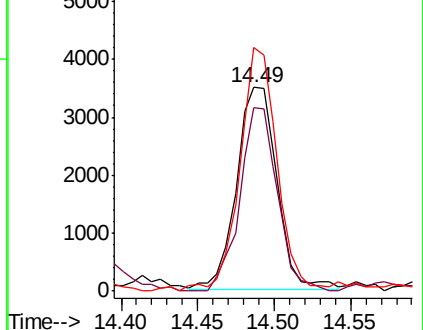
157 111.0 47.5 142.6

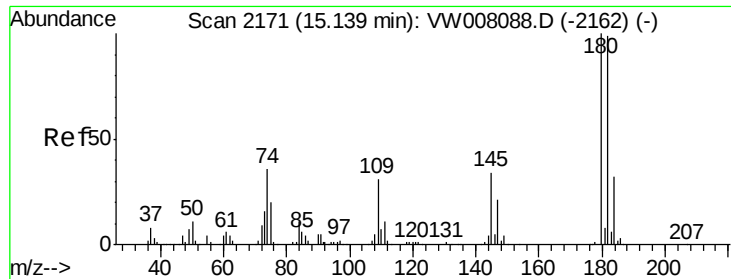


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

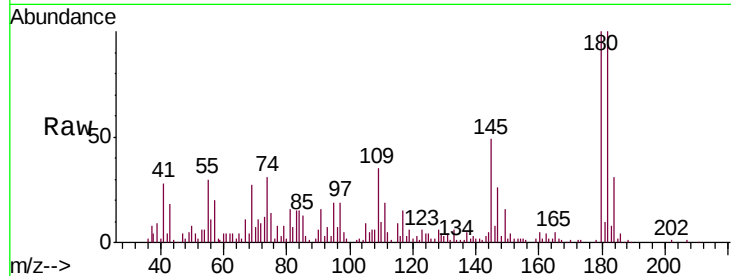




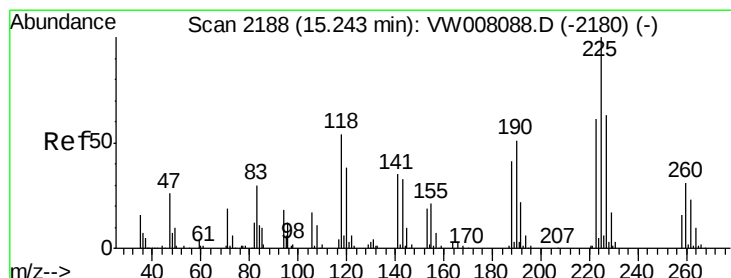
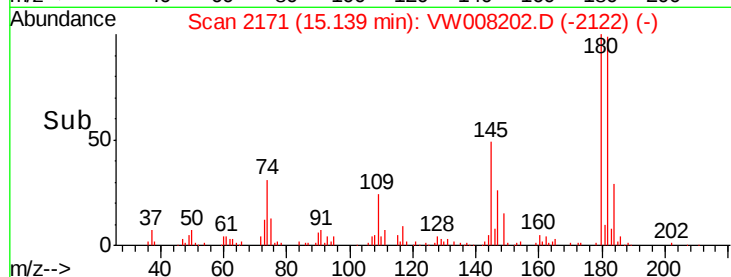
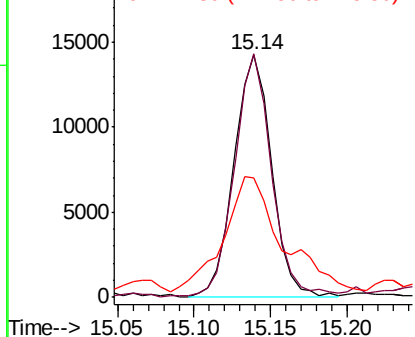
#93
 1,2,4-Trichlorobenzene
 Concen: 29.664 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

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

Tgt Ion:180 Resp: 24384
 Ion Ratio Lower Upper
 180 100
 182 99.5 48.6 145.9
 145 79.1 16.6 49.7#

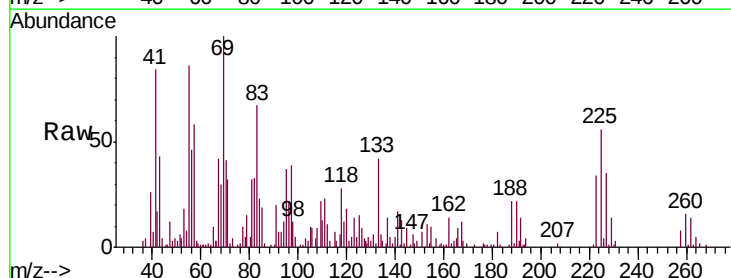


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

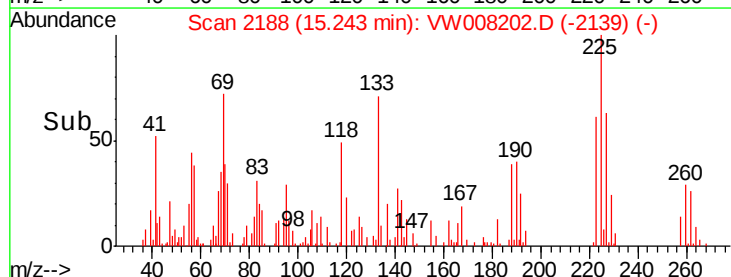
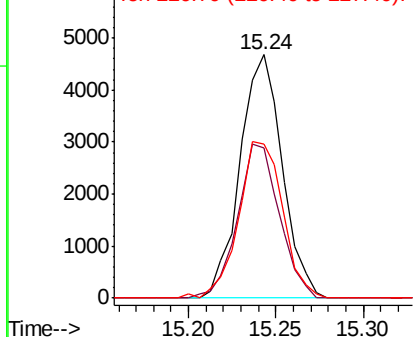


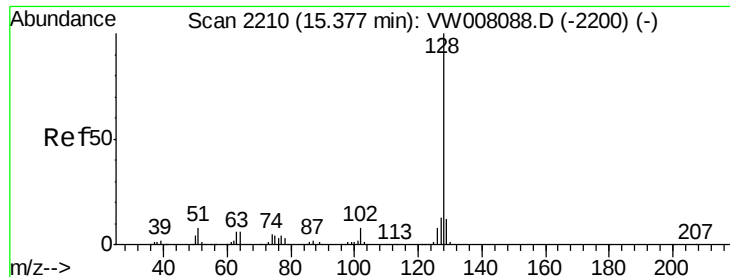
#94
 Hexachlorobutadiene
 Concen: 17.970 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008202.D
 Acq: 11 Jan 2019 18:51

Tgt Ion:225 Resp: 7906
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.3
 227 67.0 32.0 96.2



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

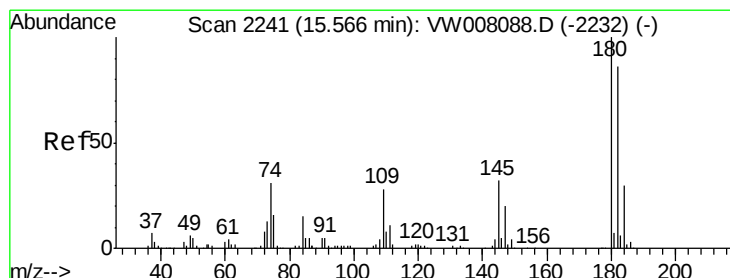
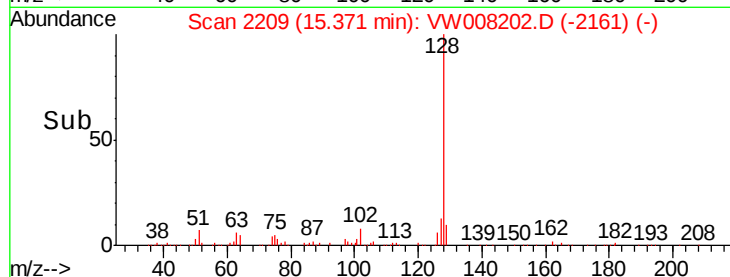
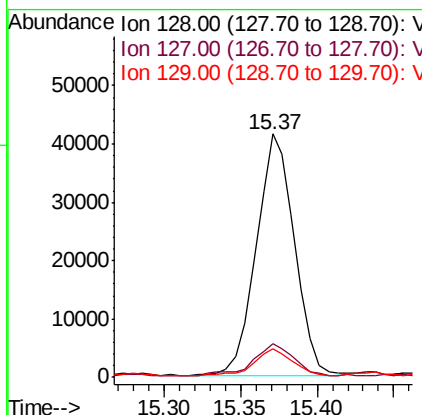
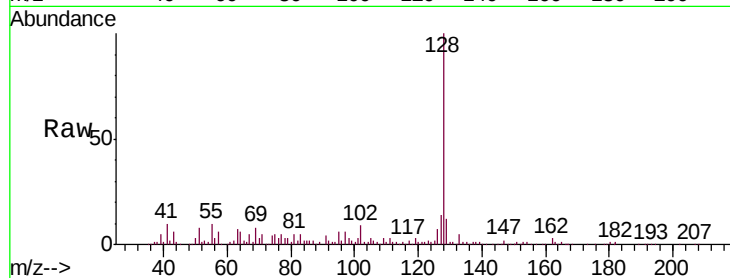




#95
Naphthalene
Concen: 46.744 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.6	11.0	16.4
129	11.6	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 30.368 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008202.D
Acq: 11 Jan 2019 18:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.6	46.5	139.3
145	82.8	17.4	52.2

