

Data File : VW008161.D
Acq On : 10 Jan 2019 20:47
Operator : SY/AP
Sample : K1088-08MS
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 11 05:15:33 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	35274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	67785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10515	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	25763	64.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.96%	
35) Dibromofluoromethane	7.88	113	23601	59.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.40%	
50) Toluene-d8	10.32	98	64022	38.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.18%	
62) 4-Bromofluorobenzene	12.62	95	15364	25.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	17447	60.605	ug/l	100
3) Chloromethane	2.21	50	23276	62.321	ug/l	96
4) Vinyl Chloride	2.36	62	31927	65.498	ug/l	97
5) Bromomethane	2.79	94	19876	54.432	ug/l	99
6) Chloroethane	2.93	64	19866	54.160	ug/l	97
7) Trichlorofluoromethane	3.26	101	26488	66.840	ug/l	100
8) Diethyl Ether	3.68	74	15475	69.076	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	13043	33.150	ug/l	96
10) Methyl Iodide	4.27	142	31880	55.595	ug/l	99
11) Tert butyl alcohol	5.16	59	10689	463.256	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	21572	55.844	ug/l	98
13) Acrolein	3.89	56	5219	197.421	ug/l	95
14) Allyl chloride	4.67	41	35275	50.296	ug/l	98
15) Acrylonitrile	5.37	53	32785	384.384	ug/l	98
16) Acetone	4.12	43	34025	498.489	ug/l #	85
17) Carbon Disulfide	4.37	76	59972	49.698	ug/l	98
18) Methyl Acetate	4.67	43	25050	99.973	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	53715	85.534	ug/l	92
20) Methylene Chloride	4.92	84	28383	75.132	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	22754	54.204	ug/l	95
22) Diisopropyl ether	6.31	45	90309	67.516	ug/l	97
23) Vinyl Acetate	6.26	43	200639	285.607	ug/l	99
24) 1,1-Dichloroethane	6.22	63	47631	61.116	ug/l	99
25) 2-Butanone	7.17	43	43593	395.205	ug/l	95
26) 2,2-Dichloropropane	7.16	77	30483	57.725	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	27414	59.855	ug/l	98
28) Bromochloromethane	7.51	49	19734	64.017	ug/l #	99
29) Tetrahydrofuran	7.52	42	28501	386.811	ug/l	98
30) Chloroform	7.68	83	46175	62.245	ug/l	94
31) Cyclohexane	7.95	56	14787	17.723	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	31773	49.224	ug/l	98
36) 1,1-Dichloropropene	8.08	75	25938	37.147	ug/l	99
37) Ethyl Acetate	7.25	43	19339	69.132	ug/l	98
38) Carbon Tetrachloride	8.07	117	21862	34.208	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	16975	19.173	ug/l	95
40) Benzene	8.32	78	97033	51.235	ug/l	97
41) Methacrylonitrile	7.49	41	11163	63.171	ug/l	98
42) 1,2-Dichloroethane	8.40	62	31145	58.471	ug/l	96
43) Isopropyl Acetate	8.42	43	38816	69.399	ug/l	94
44) Trichloroethene	9.09	130	19748	40.734	ug/l	100
45) 1,2-Dichloropropane	9.37	63	25372	54.030	ug/l	94
46) Dibromomethane	9.46	93	13573	58.854	ug/l	96
47) Bromodichloromethane	9.65	83	30348	51.824	ug/l #	95
48) Methyl methacrylate	9.44	41	18090	68.545	ug/l	96
49) 1,4-Dioxane	9.45	88	5321	1434.690	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	93019	343.576	ug/l	100
52) Toluene	10.39	92	44673	36.935	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	27982	45.938	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	32299	44.716	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	19770	61.058	ug/l	97
56) Ethyl methacrylate	10.65	69	25726	64.157	ug/l	98
57) 1,3-Dichloropropane	10.93	76	33608	56.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	66091	319.079	ug/l	99
59) 2-Hexanone	10.97	43	64496	352.273	ug/l	99
60) Dibromochloromethane	11.13	129	18036	50.726	ug/l	99
61) 1,2-Dibromoethane	11.24	107	16926	55.091	ug/l	97
64) Tetrachloroethene	10.86	164	9258	33.112	ug/l	92
65) Chlorobenzene	11.66	112	43046	47.294	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	15933	53.821	ug/l	95
67) Ethyl Benzene	11.73	91	53501	32.125	ug/l	99
68) m/p-Xylenes	11.84	106	41206	64.824	ug/l	99
69) o-Xylene	12.16	106	22037	37.437	ug/l	97
70) Styrene	12.18	104	36378	39.455	ug/l	98
71) Bromoform	12.35	173	8803	66.442	ug/l #	97
73) Isopropylbenzene	12.47	105	76618	92.811	ug/l	80
74) N-amyl acetate	12.27	43	28929	158.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	19915	150.715	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	23339	243.481	ug/l #	1
77) Bromobenzene	12.75	156	13431	76.998	ug/l	94
78) n-propylbenzene	12.81	91	36817	36.398	ug/l	99
79) 2-Chlorotoluene	12.90	91	25145	44.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	24103	35.530	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	4741	115.177	ug/l #	30
82) 4-Chlorotoluene	12.99	91	27660	46.538	ug/l	98
83) tert-Butylbenzene	13.21	119	14674	24.450	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	31837	45.503	ug/l	100
85) sec-Butylbenzene	13.39	105	22227	25.283	ug/l	94
86) p-Isopropyltoluene	13.51	119	175170	230.737	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	14299	40.411	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	15000	42.252	ug/l	98
89) n-Butylbenzene	13.83	91	14428	19.404	ug/l	93
90) Hexachloroethane	14.10	117	3214	25.064	ug/l	90
91) 1,2-Dichlorobenzene	13.87	146	14863	47.795	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3294	154.902	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
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	3807	18.439	ug/l #	78
94) Hexachlorobutadiene	15.24	225	1128	10.208	ug/l	92
95) Naphthalene	15.37	128	22731	58.964	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	3550	20.170	ug/l	90

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

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Misc : 5.02G/5ML/MSVOA W/SOIL

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ALS Vial      : 21      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

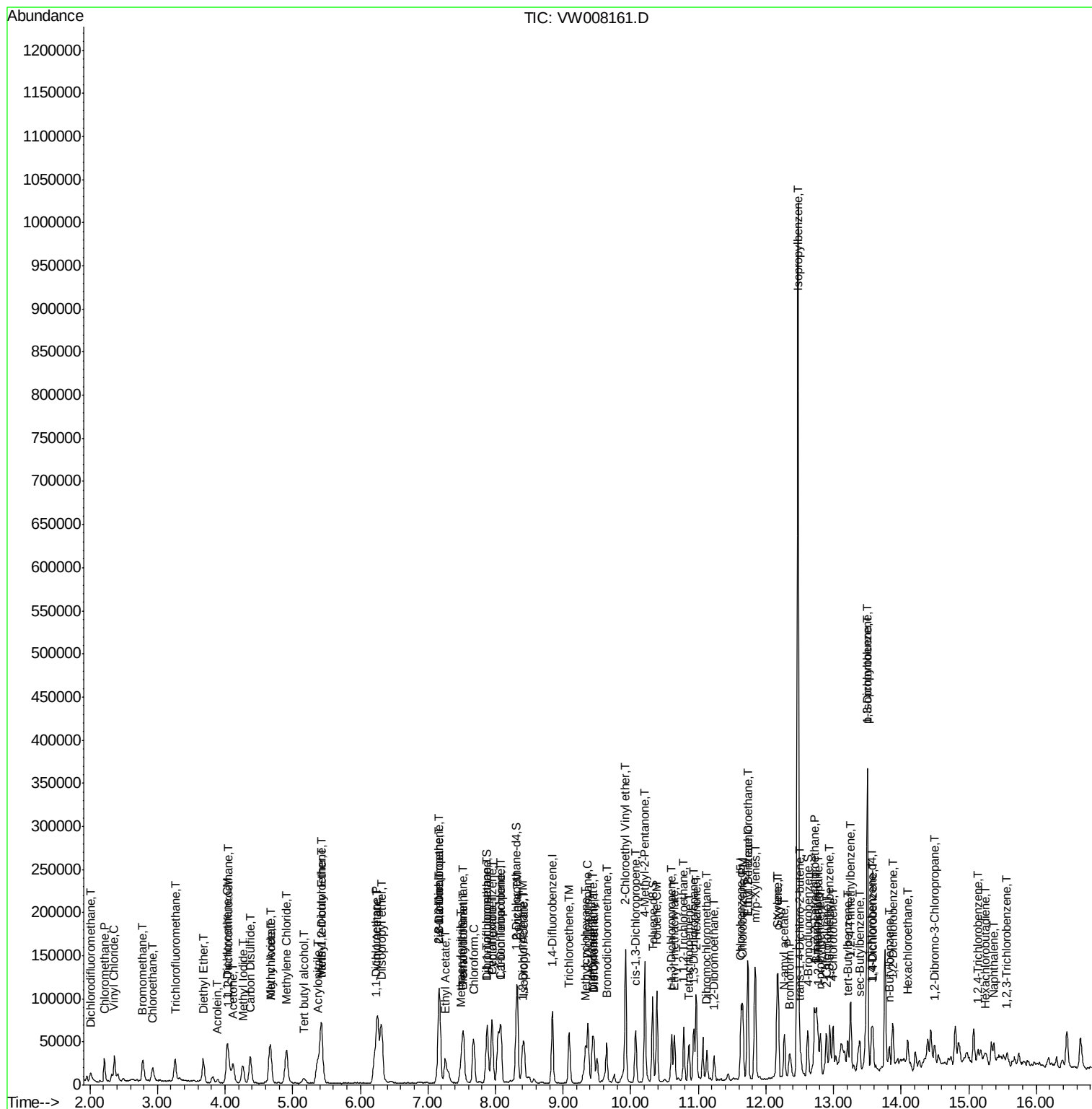
Quant Time: Jan 11 05:15:33 2019

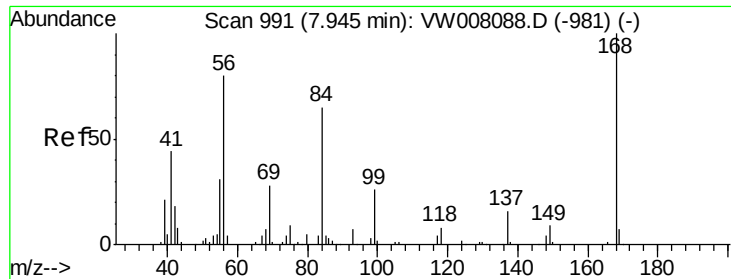
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M

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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# 991

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

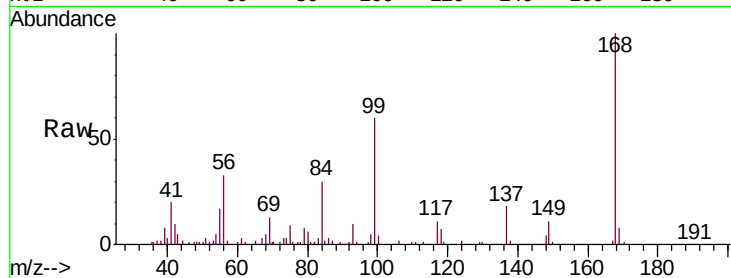
CPSB-07(15-20)MS

Tgt Ion:168 Resp: 35274

Ion Ratio Lower Upper

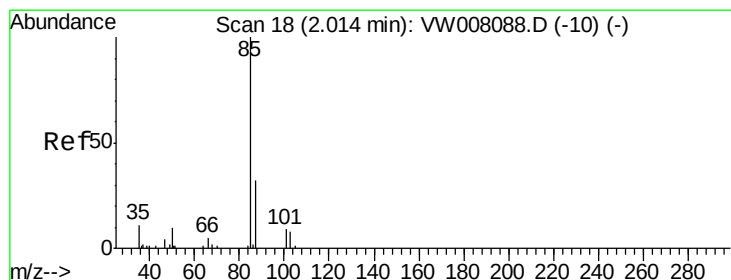
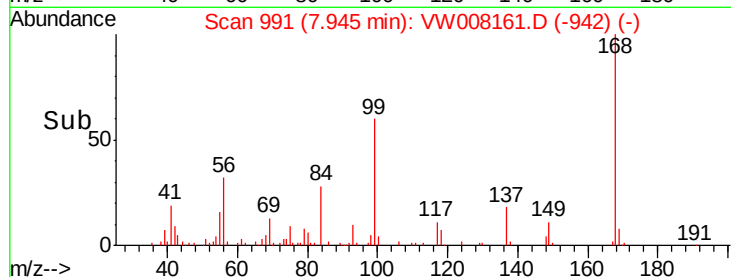
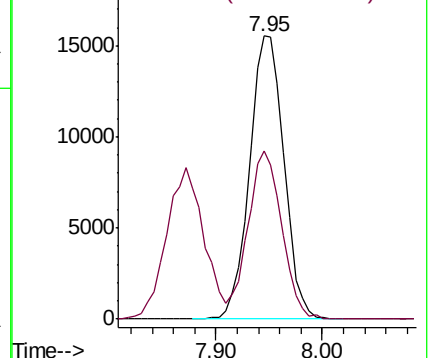
168 100

99 59.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 60.605 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008161.D

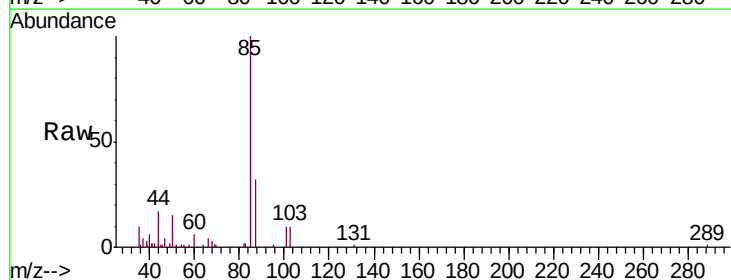
Acq: 10 Jan 2019 20:47

Tgt Ion: 85 Resp: 17447

Ion Ratio Lower Upper

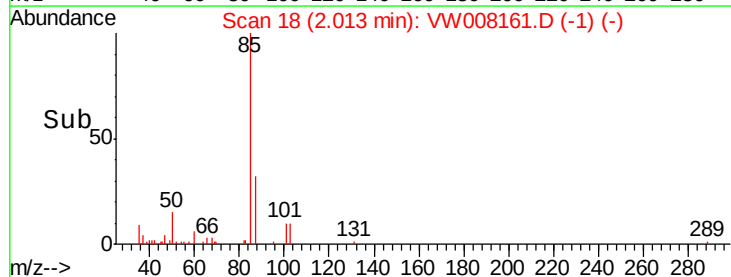
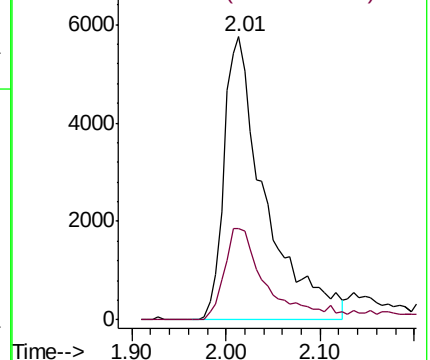
85 100

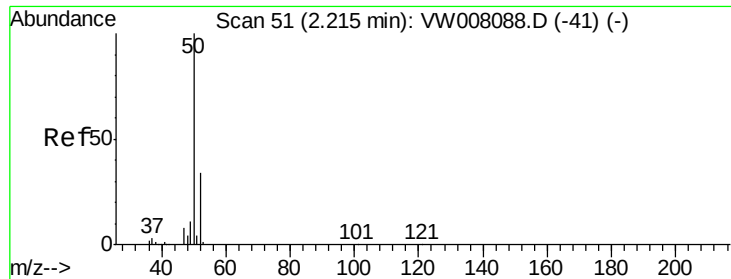
87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 62.321 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

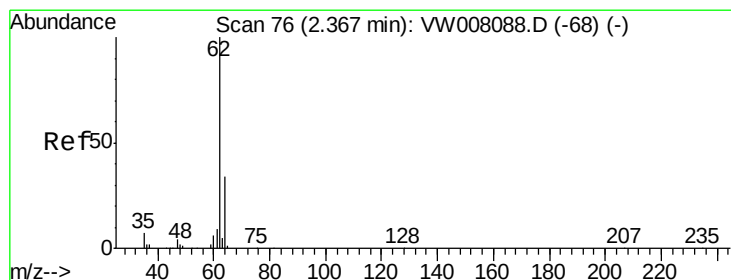
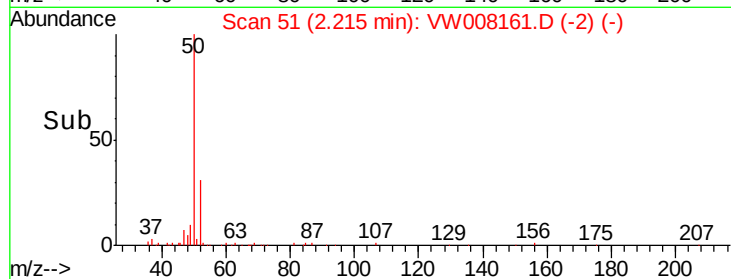
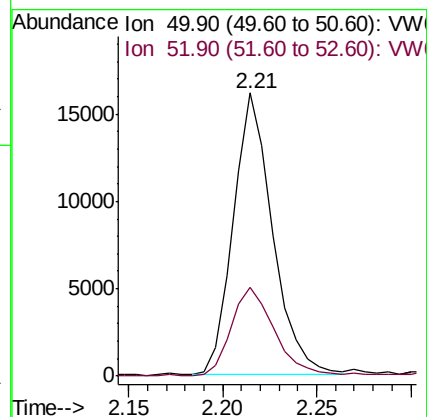
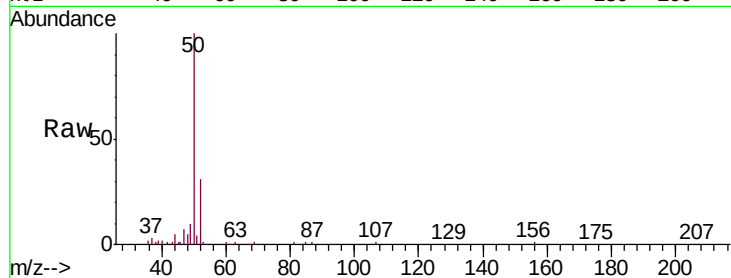
CPSB-07(15-20)MS

Tgt Ion: 50 Resp: 23276

Ion Ratio Lower Upper

50 100

52 31.0 26.8 40.2



#4

Vinyl Chloride

Concen: 65.498 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008161.D

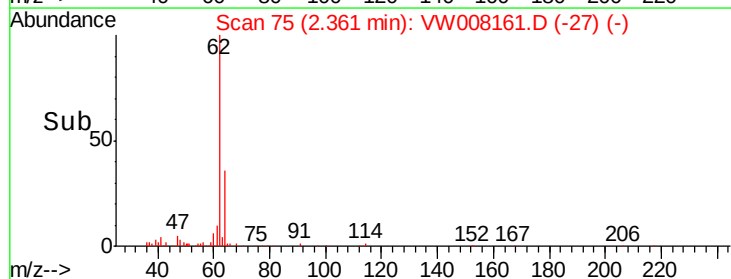
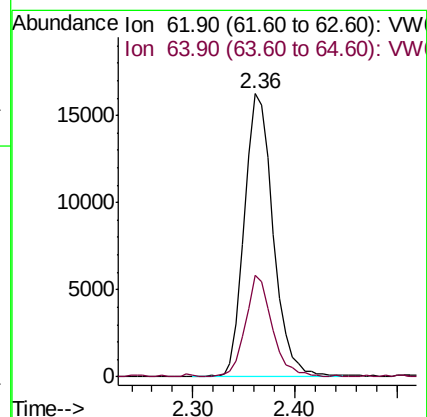
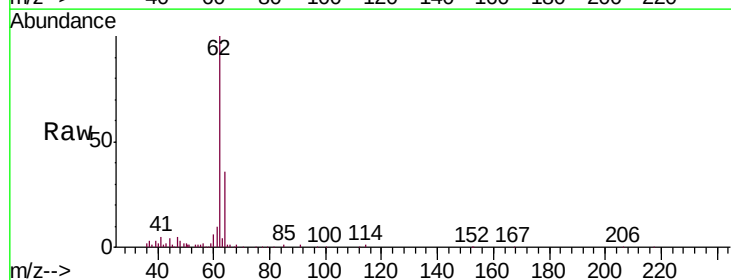
Acq: 10 Jan 2019 20:47

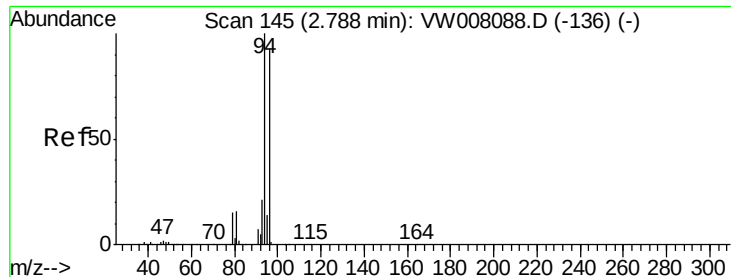
Tgt Ion: 62 Resp: 31927

Ion Ratio Lower Upper

62 100

64 35.5 27.0 40.6





#5

Bromomethane

Concen: 54.432 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

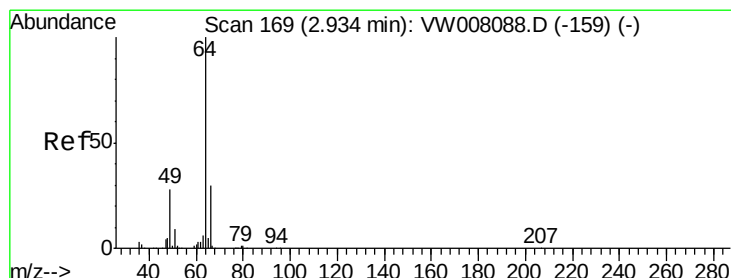
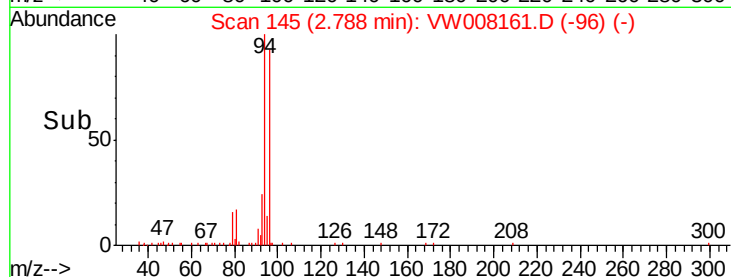
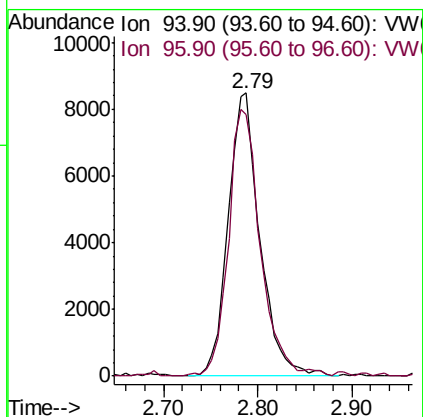
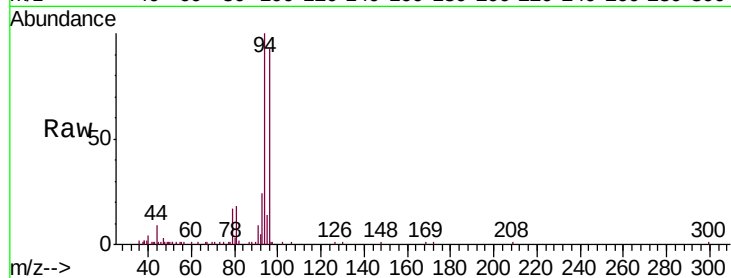
CPSB-07(15-20)MS

Tgt Ion: 94 Resp: 19876

Ion Ratio Lower Upper

94 100

96 91.8 74.1 111.1



#6

Chloroethane

Concen: 54.160 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008161.D

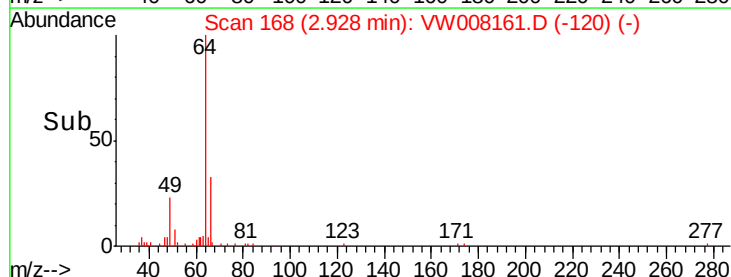
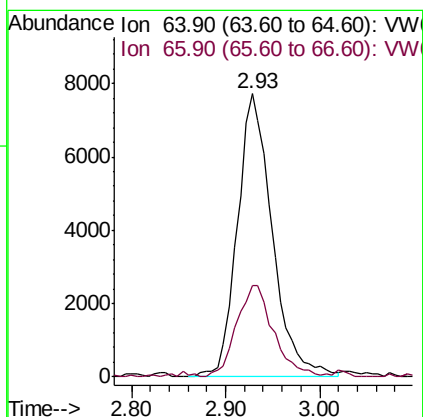
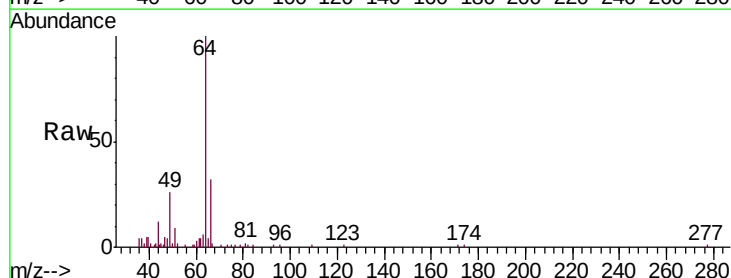
Acq: 10 Jan 2019 20:47

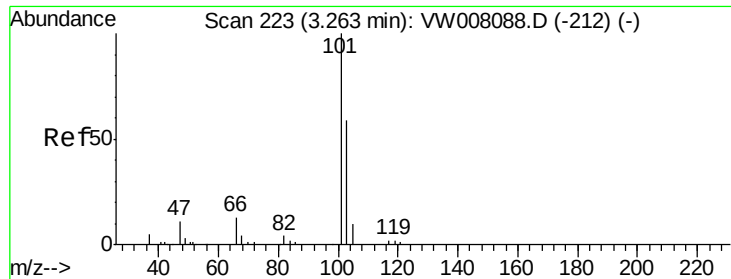
Tgt Ion: 64 Resp: 19866

Ion Ratio Lower Upper

64 100

66 31.6 24.2 36.2



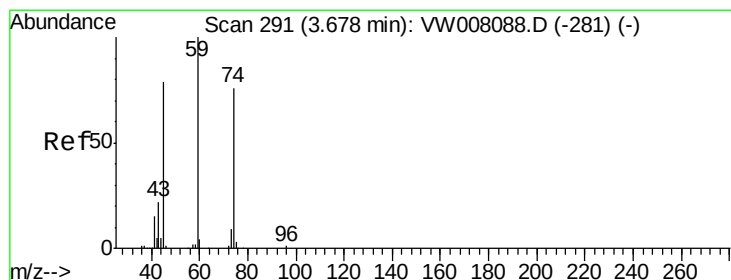
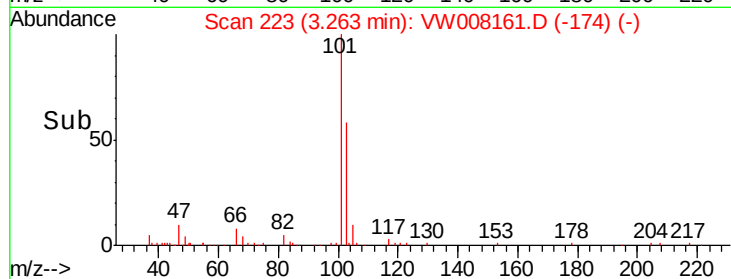
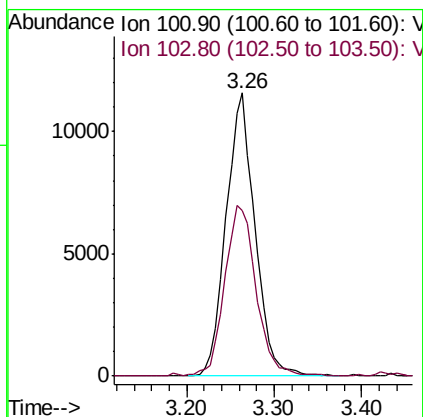
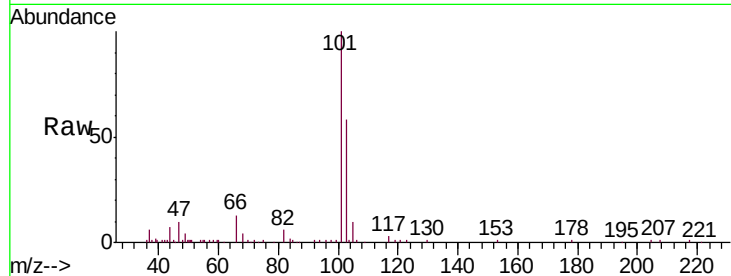


#7

Trichlorofluoromethane
 Concen: 66.840 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
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Instrument :
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 ClientSampleId :
 CPSB-07(15-20)MS

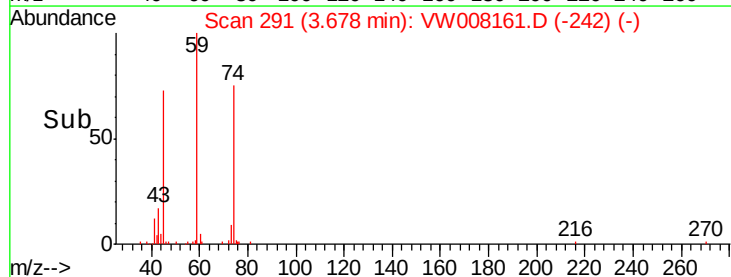
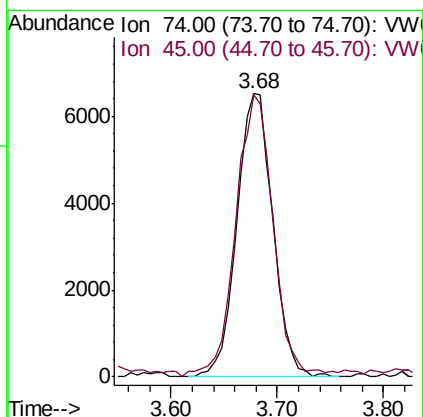
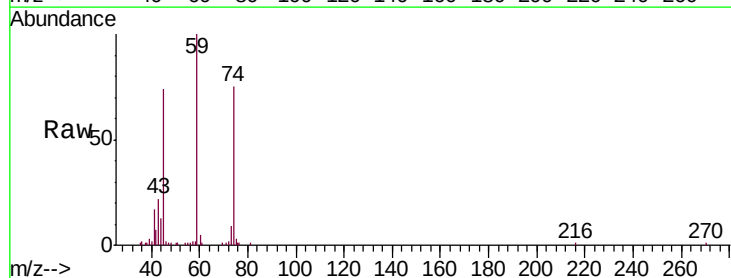
Tgt Ion:101 Resp: 26488
 Ion Ratio Lower Upper
 101 100
 103 58.5 47.0 70.6

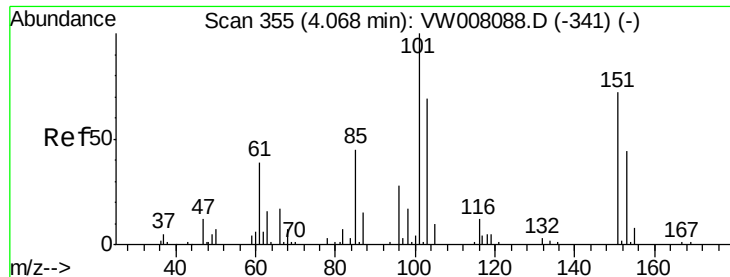


#8

Diethyl Ether
 Concen: 69.076 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion: 74 Resp: 15475
 Ion Ratio Lower Upper
 74 100
 45 103.5 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 33.150 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

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ClientSampleId :

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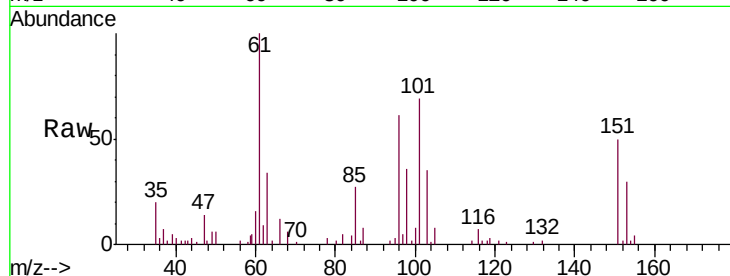
Tgt Ion:101 Resp: 13043

Ion Ratio Lower Upper

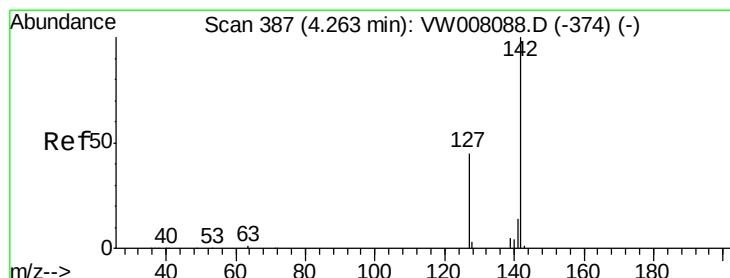
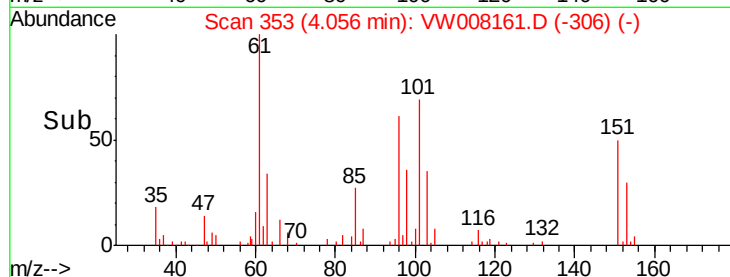
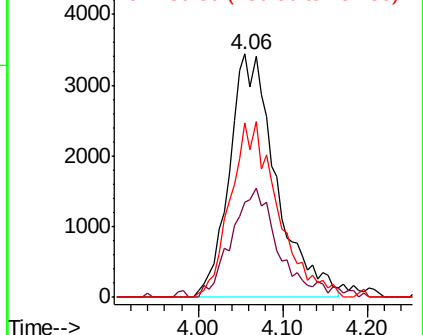
101 100

85 42.8 35.9 53.9

151 73.0 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: 55.595 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

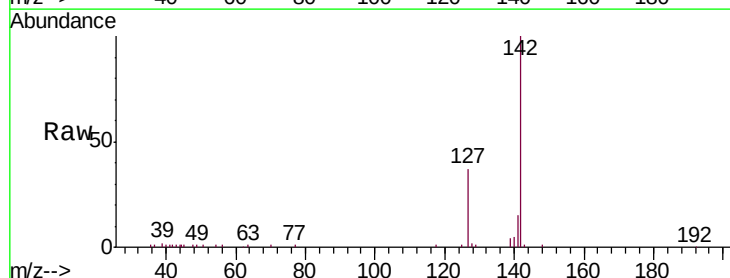
Tgt Ion:142 Resp: 31880

Ion Ratio Lower Upper

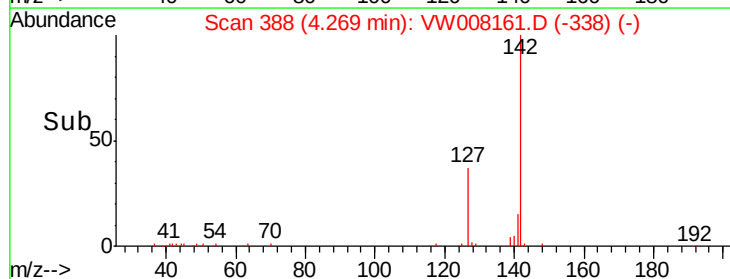
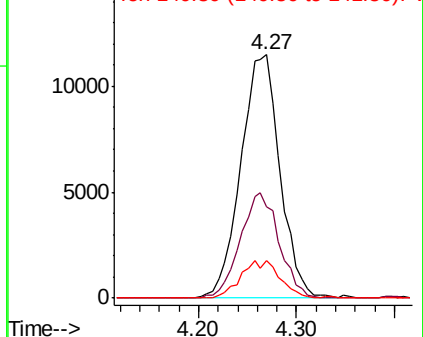
142 100

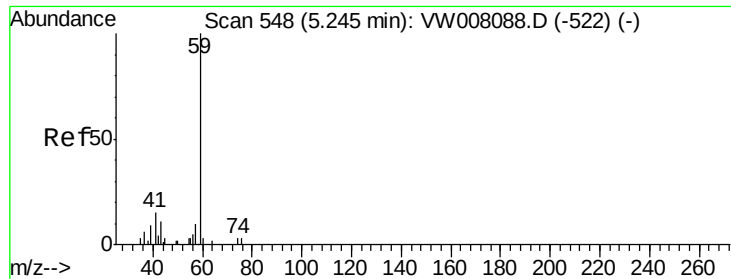
127 42.9 35.0 52.4

141 15.4 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

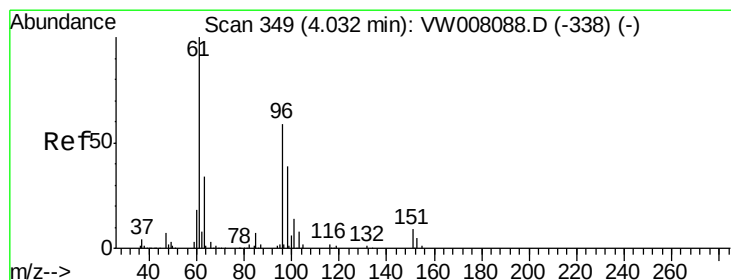
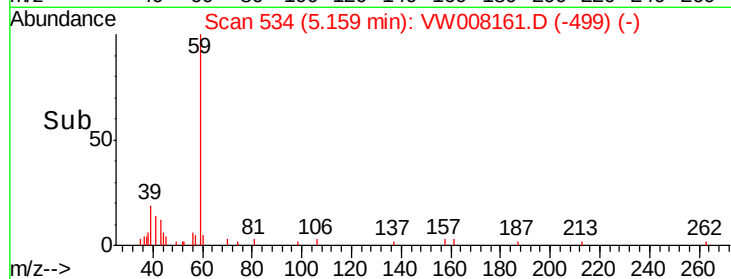
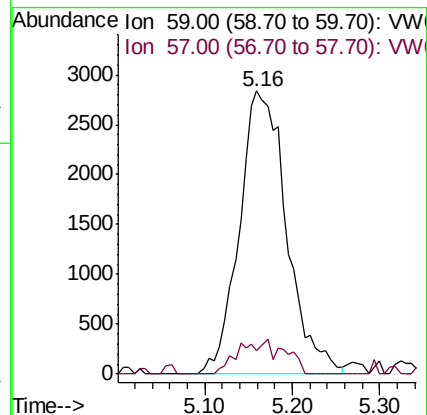
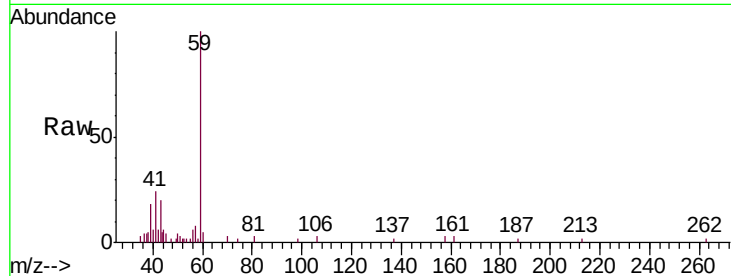




#11
Tert butyl alcohol
Concen: 463.256 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.08 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

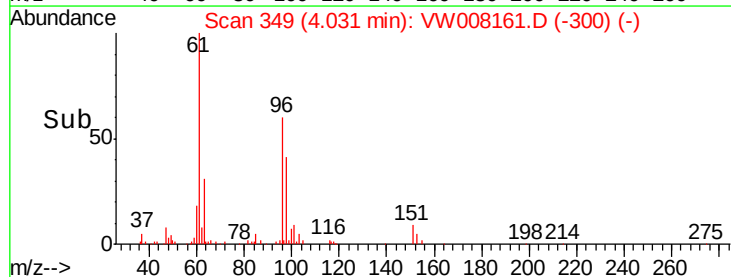
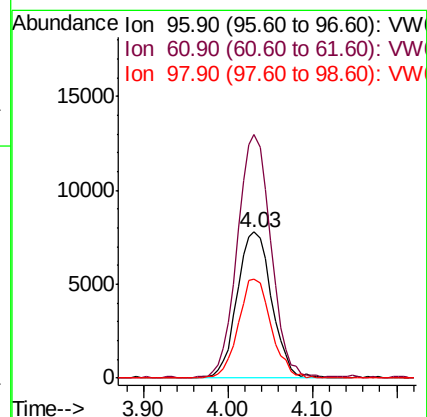
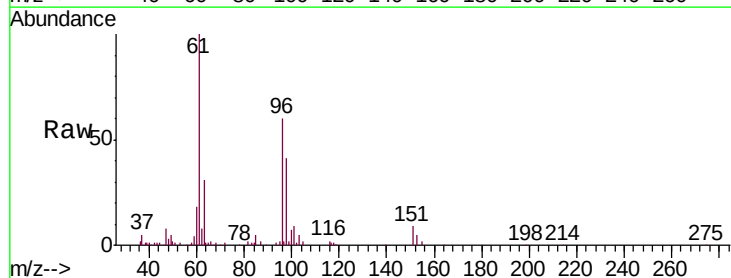
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

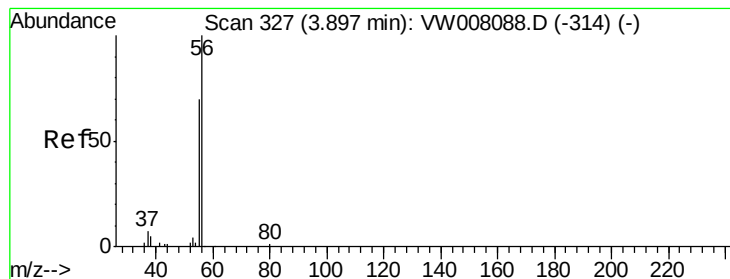
Tgt Ion: 59 Resp: 10689
Ion Ratio Lower Upper
59 100
57 5.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 55.844 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion: 96 Resp: 21572
Ion Ratio Lower Upper
96 100
61 166.8 135.4 203.2
98 68.2 52.5 78.7





#13

Acrolein

Concen: 197.421 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

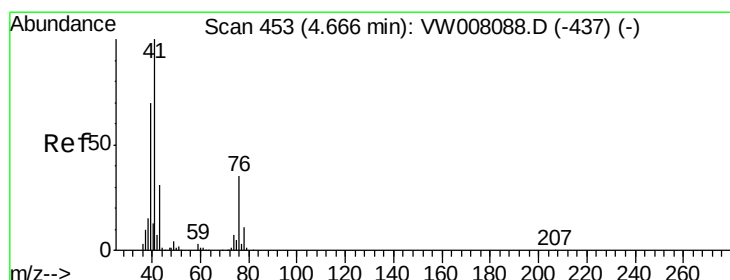
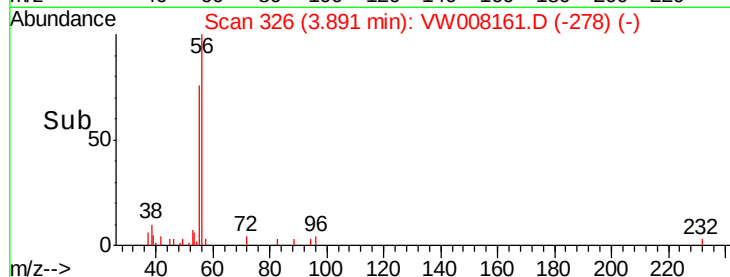
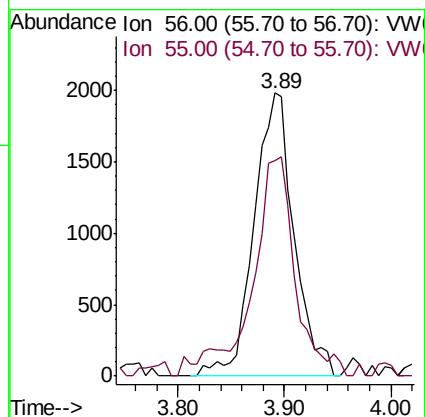
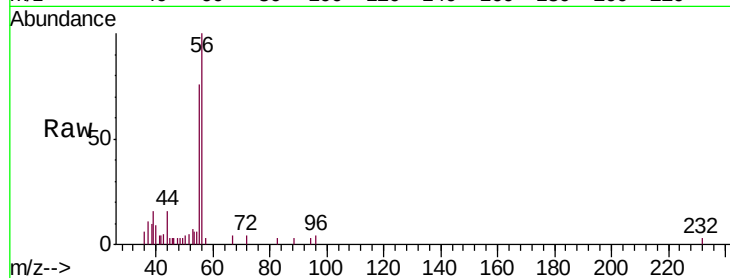
CPSB-07(15-20)MS

Tgt Ion: 56 Resp: 5219

Ion Ratio Lower Upper

56 100

55 74.7 56.6 84.8



#14

Allyl chloride

Concen: 50.296 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

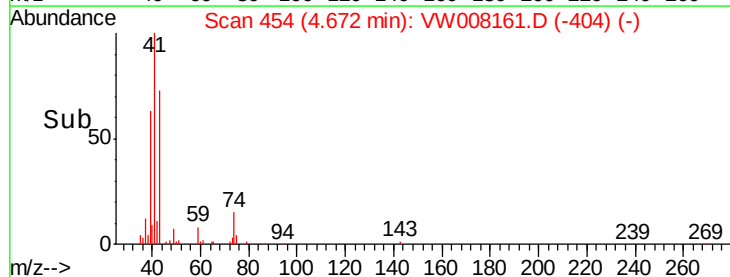
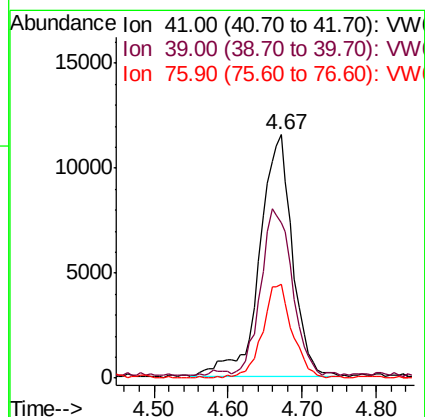
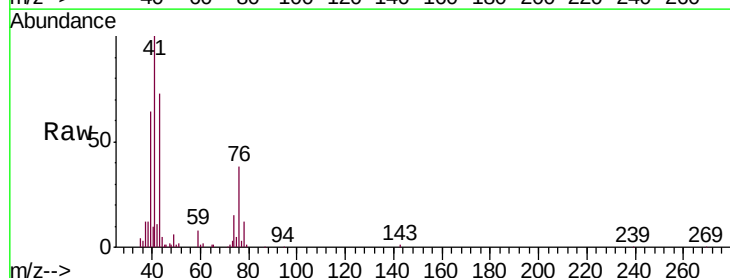
Tgt Ion: 41 Resp: 35275

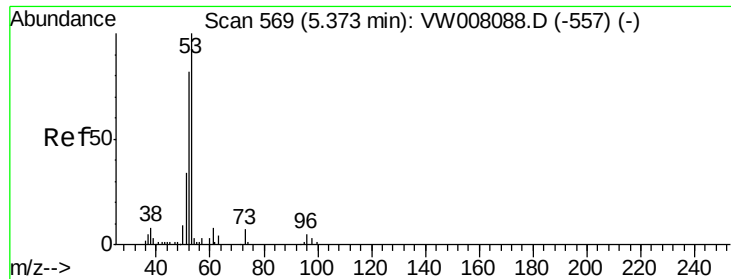
Ion Ratio Lower Upper

41 100

39 66.0 53.8 80.8

76 35.4 27.6 41.4





#15

Acrylonitrile

Concen: 384.384 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

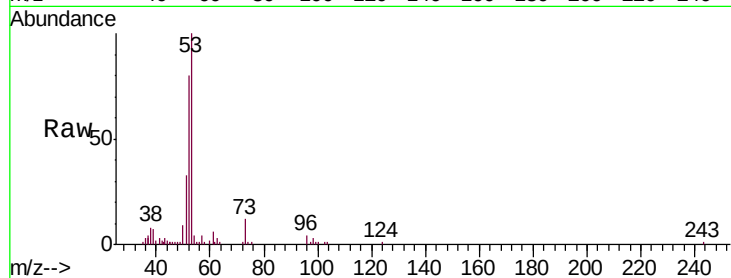
Tgt Ion: 53 Resp: 32785

Ion Ratio Lower Upper

53 100

52 81.3 66.8 100.2

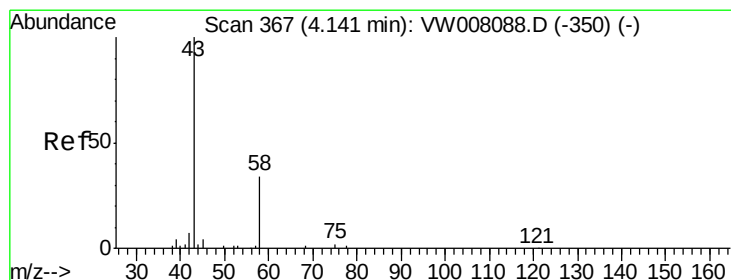
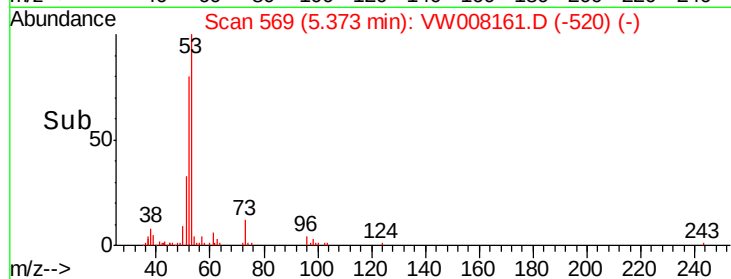
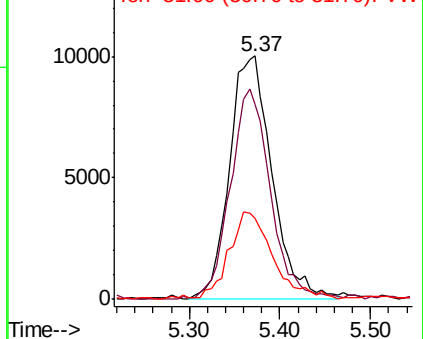
51 36.6 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 498.489 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008161.D

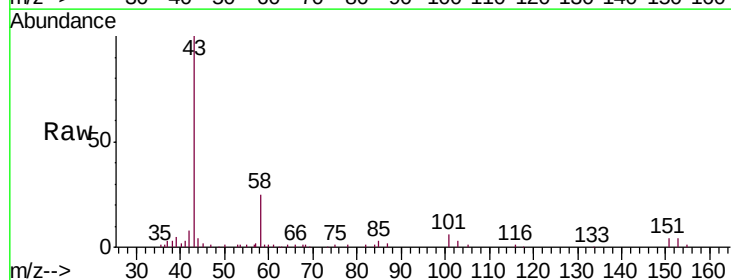
Acq: 10 Jan 2019 20:47

Tgt Ion: 43 Resp: 34025

Ion Ratio Lower Upper

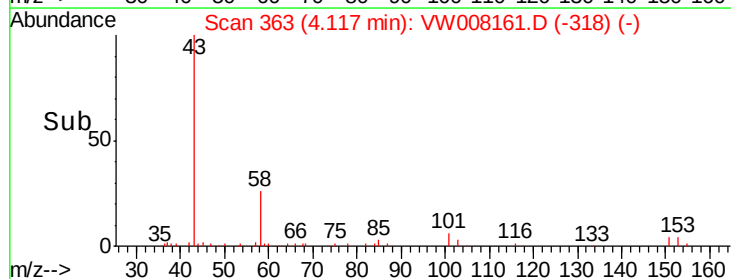
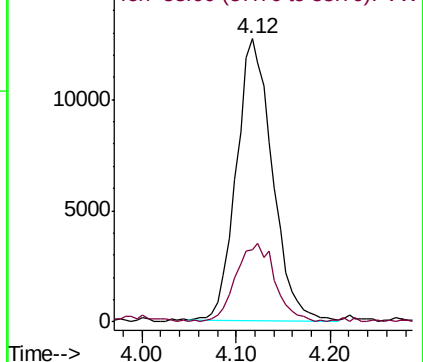
43 100

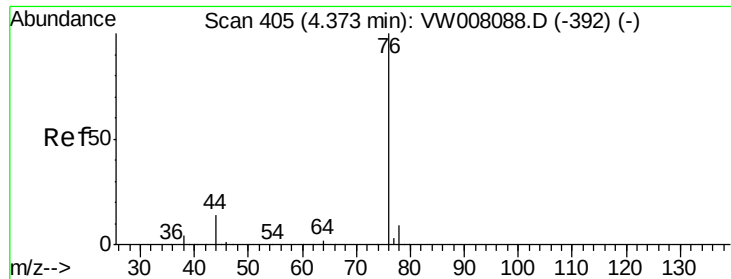
58 25.5 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

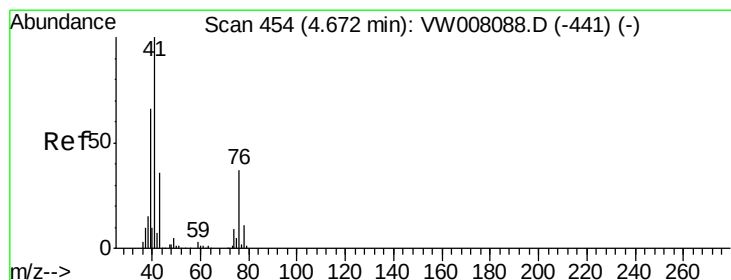
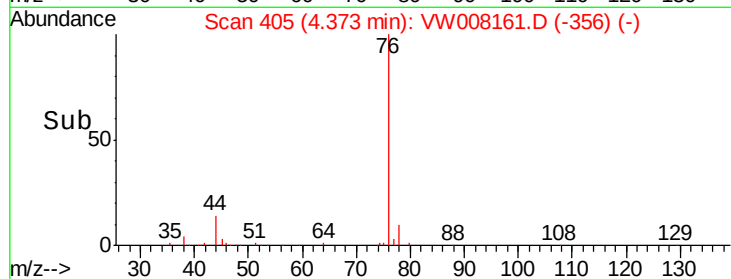
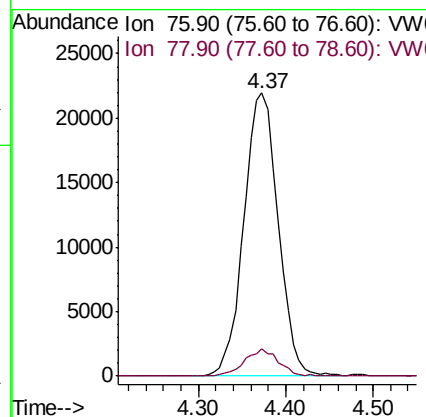
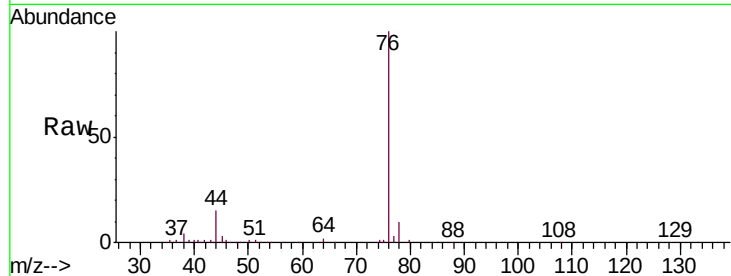




#17
Carbon Disulfide
Concen: 49.698 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

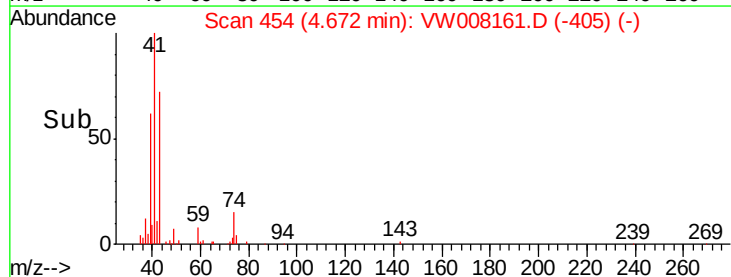
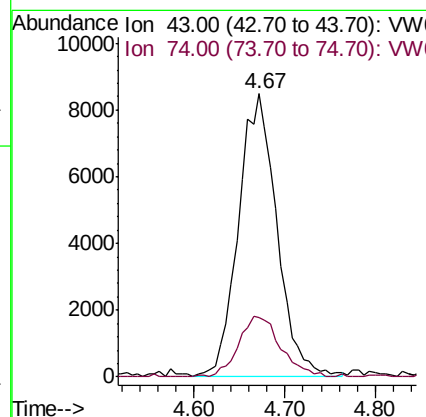
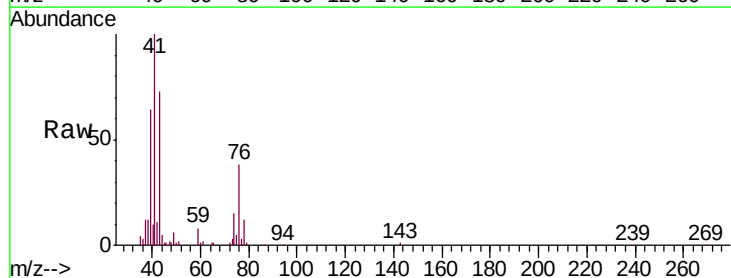
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

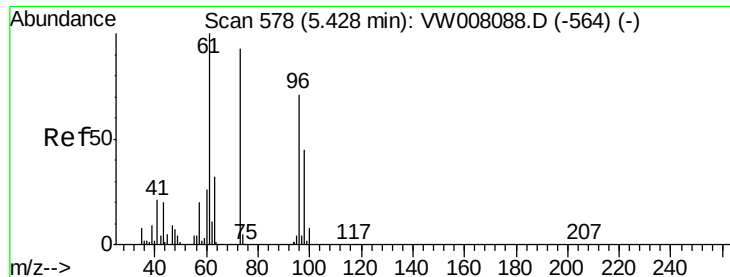
Tgt Ion: 76 Resp: 59972
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 99.973 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion: 43 Resp: 25050
Ion Ratio Lower Upper
43 100
74 23.3 19.0 28.4

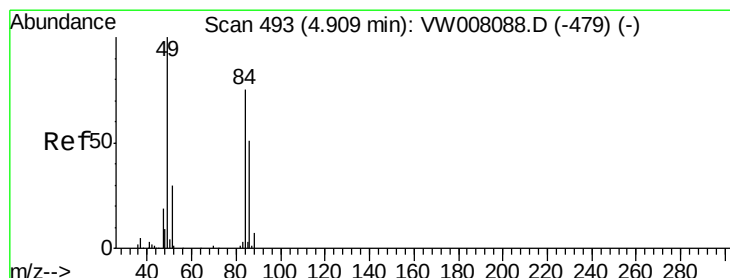
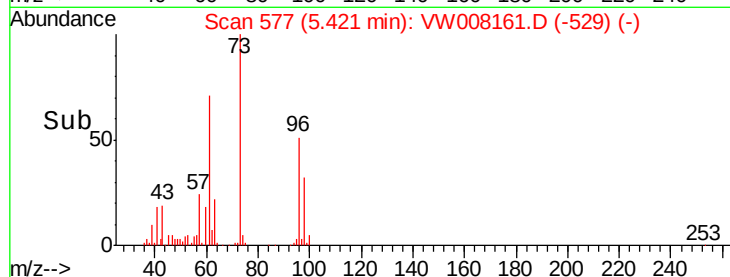
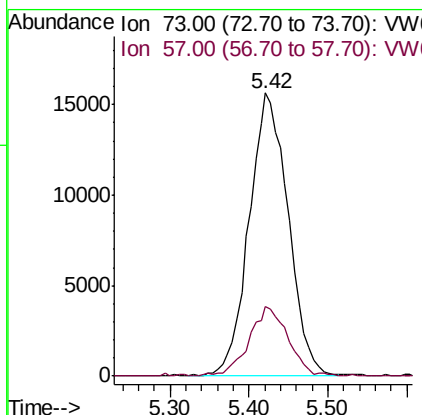
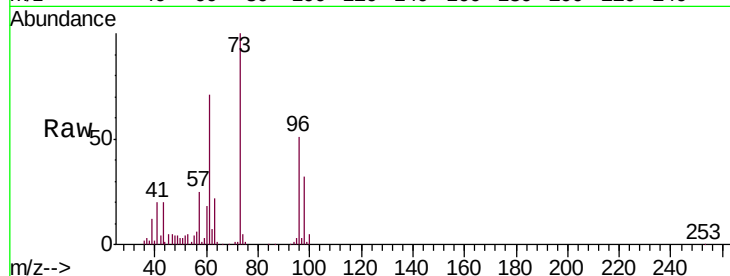




#19
Methyl tert-butyl Ether
Concen: 85.534 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

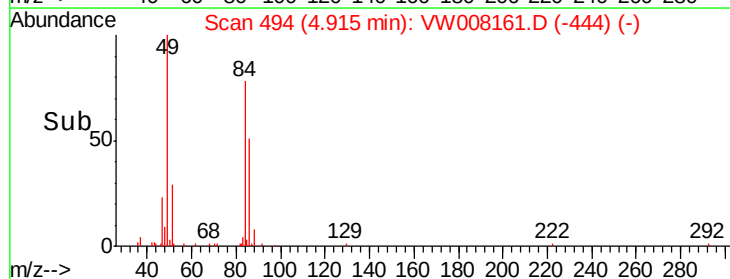
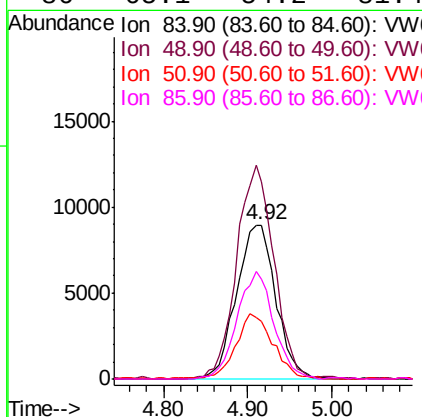
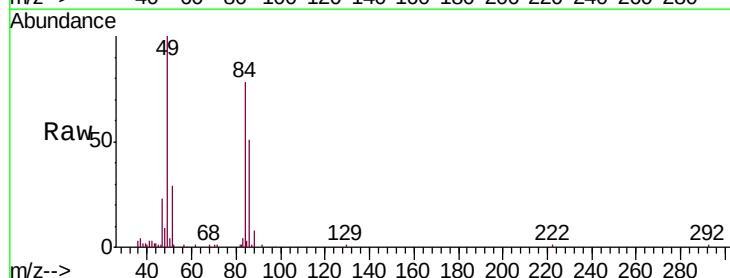
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

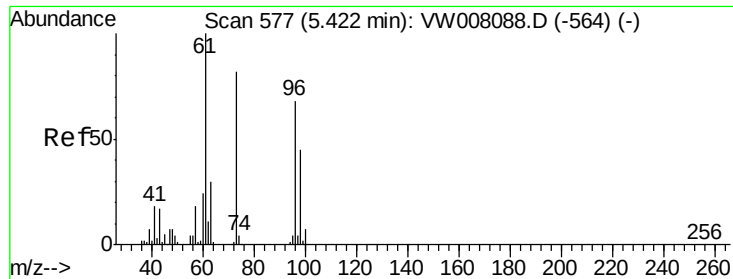
Tgt Ion: 73 Resp: 53715
Ion Ratio Lower Upper
73 100
57 24.7 16.7 25.1



#20
Methylene Chloride
Concen: 75.132 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion: 84 Resp: 28383
Ion Ratio Lower Upper
84 100
49 126.8 107.1 160.7
51 37.5 32.4 48.6
86 65.1 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 54.204 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

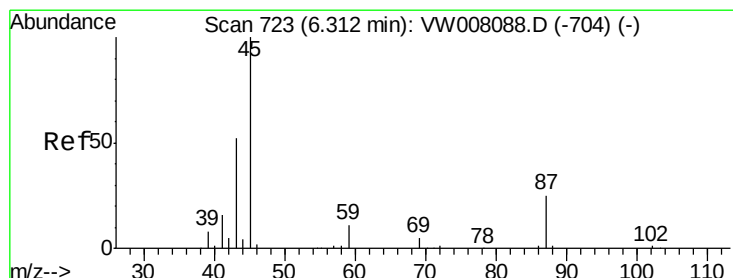
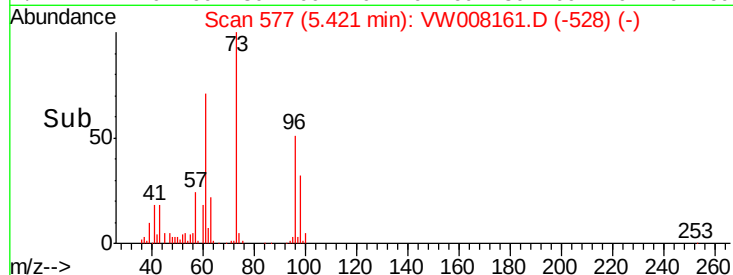
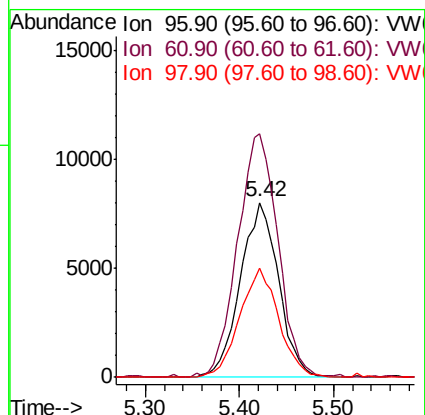
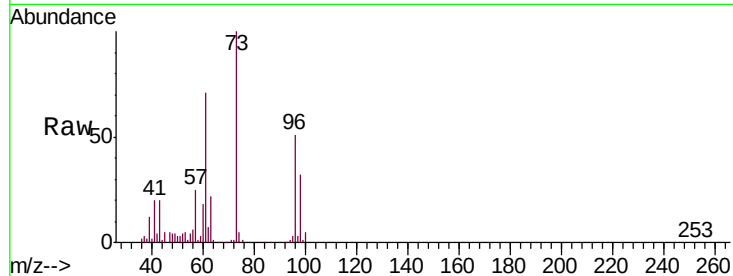
Tgt Ion: 96 Resp: 22754

Ion Ratio Lower Upper

96 100

61 139.1 117.4 176.0

98 62.5 52.2 78.4



#22

Diisopropyl ether

Concen: 67.516 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Tgt Ion: 45 Resp: 90309

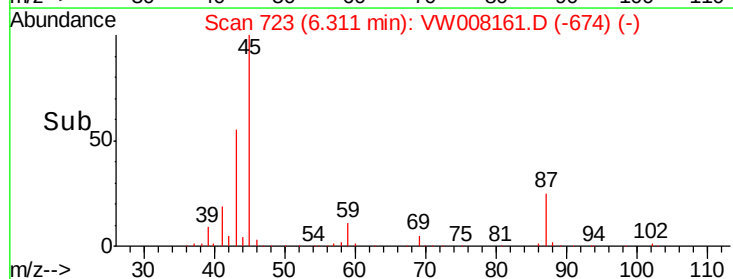
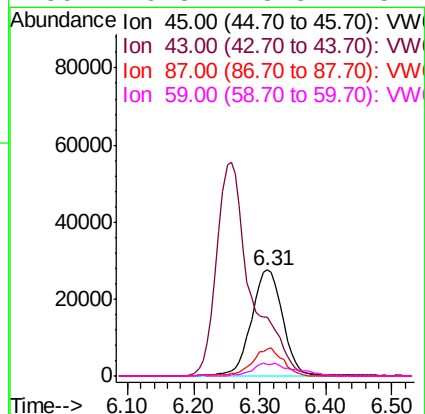
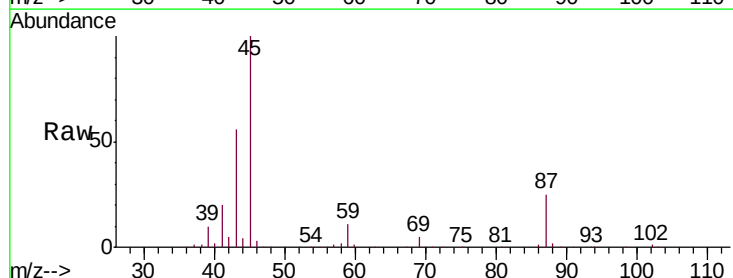
Ion Ratio Lower Upper

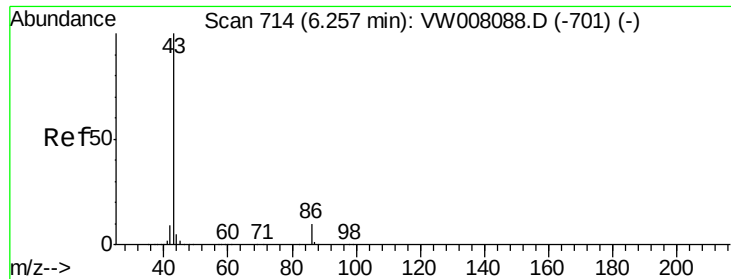
45 100

43 55.0 41.7 62.5

87 24.9 20.1 30.1

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 285.607 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

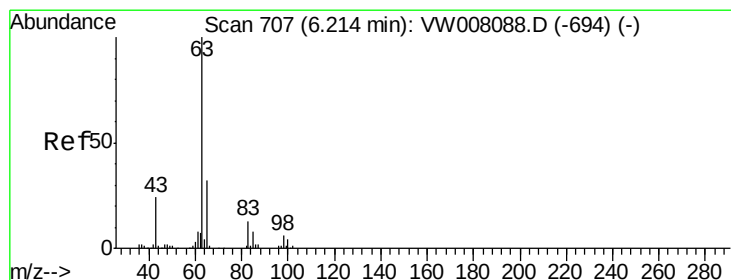
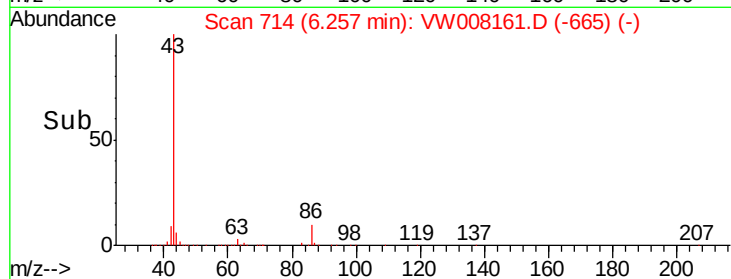
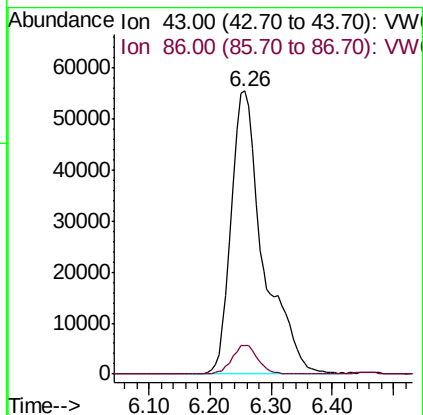
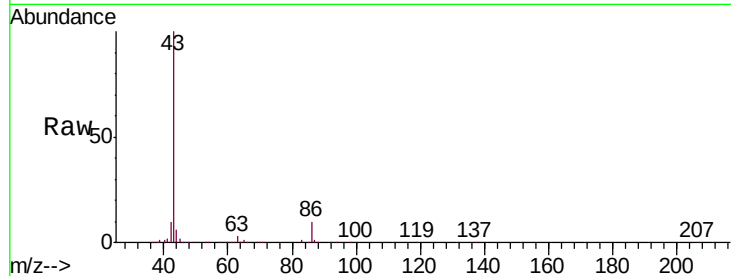
CPSB-07(15-20)MS

Tgt Ion: 43 Resp: 200639

Ion Ratio Lower Upper

43 100

86 10.0 7.7 11.5



#24

1,1-Dichloroethane

Concen: 61.116 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

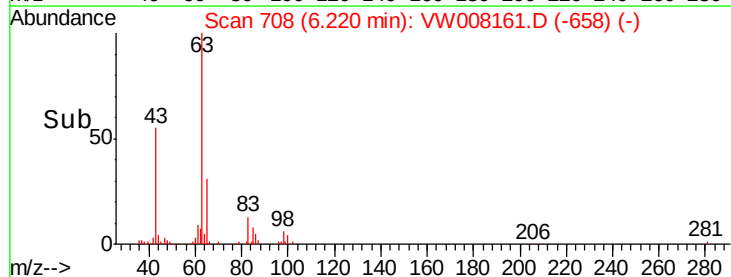
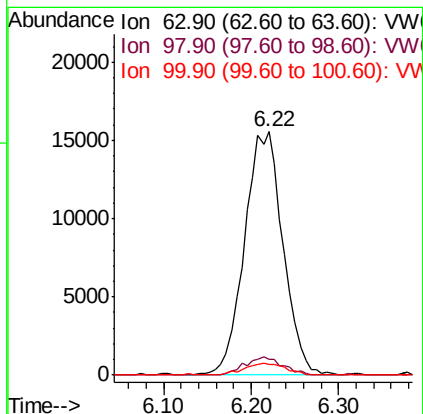
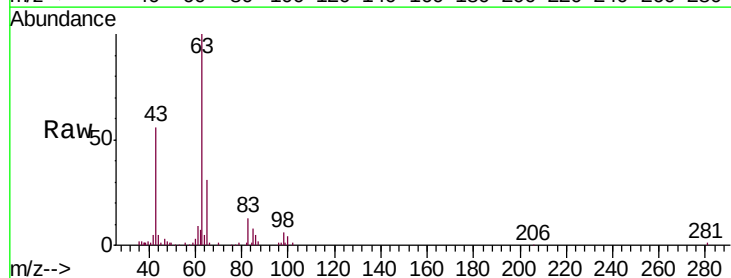
Tgt Ion: 63 Resp: 47631

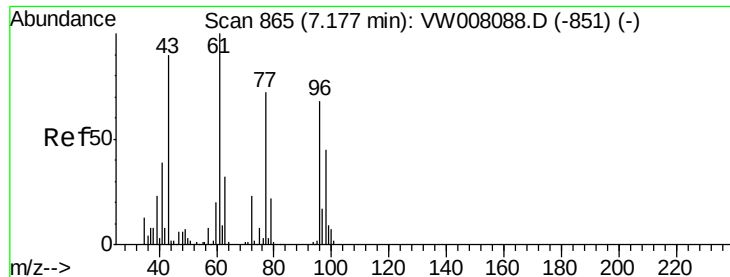
Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 395.205 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

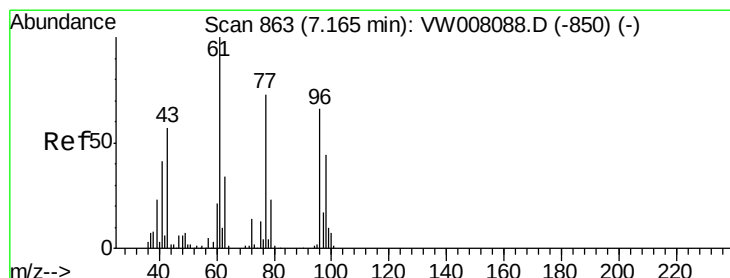
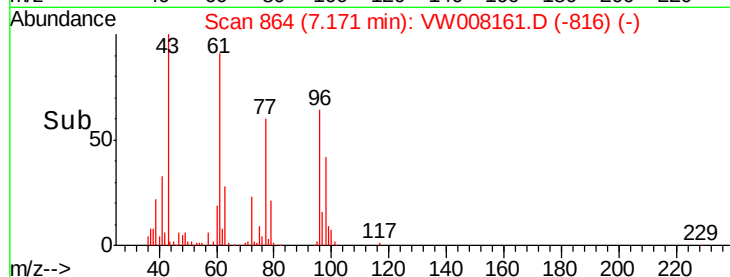
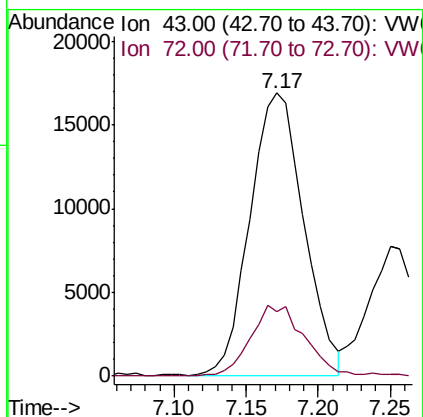
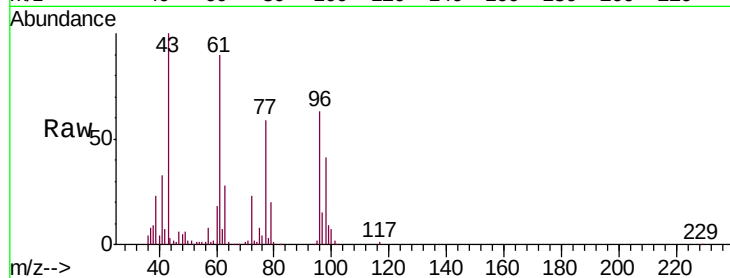
CPSB-07(15-20)MS

Tgt Ion: 43 Resp: 43593

Ion Ratio Lower Upper

43 100

72 23.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 57.725 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008161.D

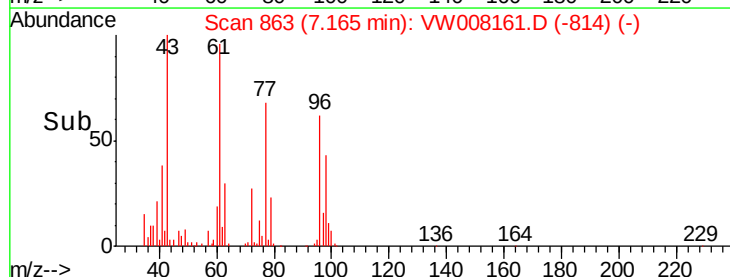
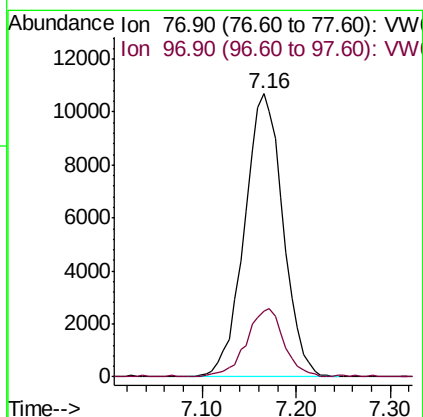
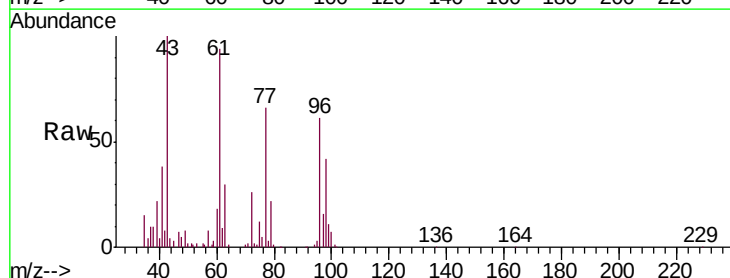
Acq: 10 Jan 2019 20:47

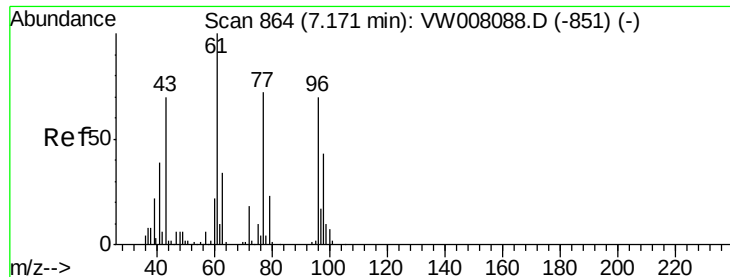
Tgt Ion: 77 Resp: 30483

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.1



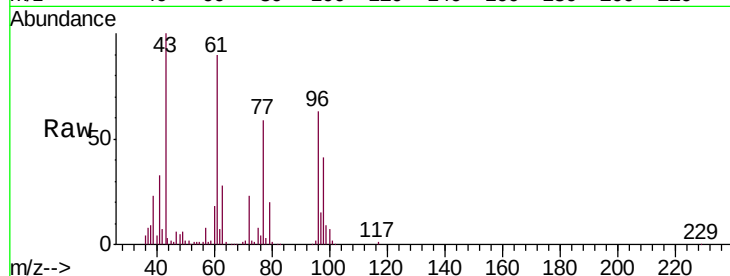


#27

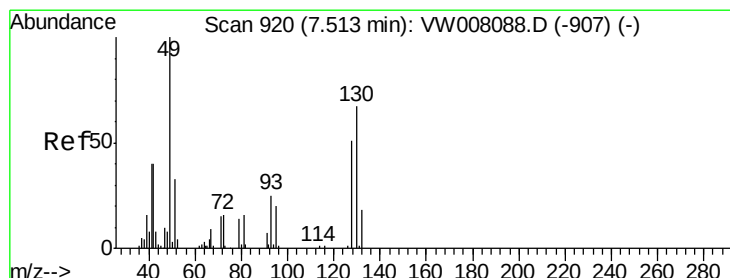
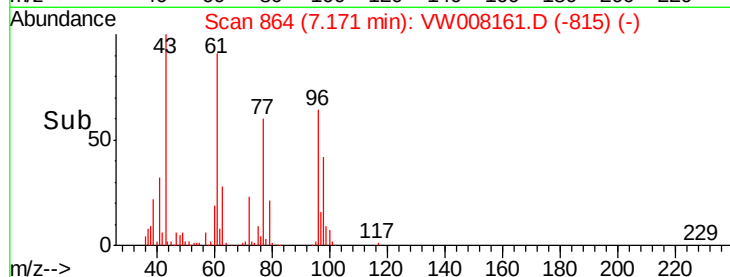
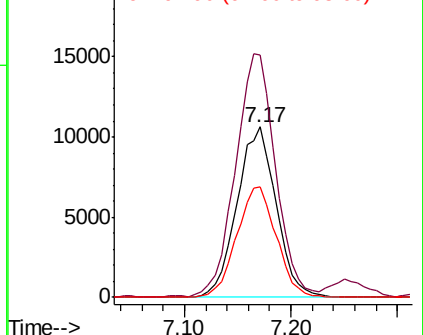
cis-1,2-Dichloroethene
 Concen: 59.855 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

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

Tgt Ion: 96 Resp: 27414
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 300.4
 98 65.4 0.0 128.4



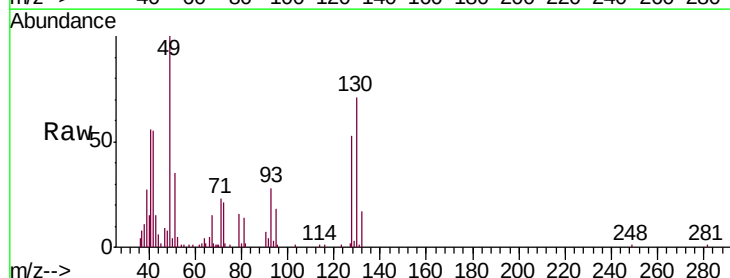
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



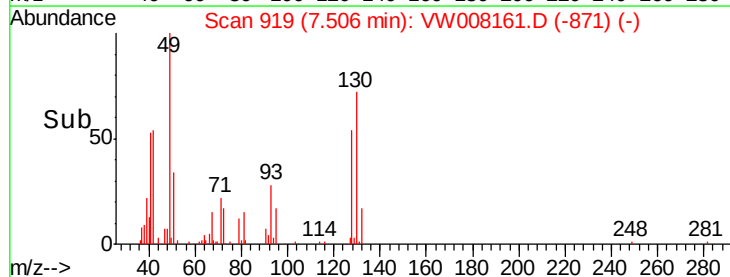
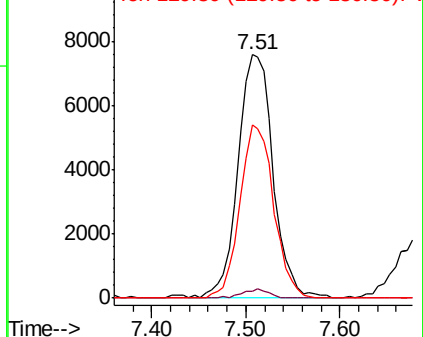
#28

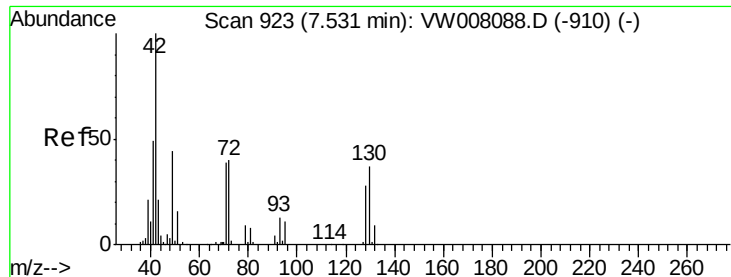
Bromochloromethane
 Concen: 64.017 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion: 49 Resp: 19734
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 2.8#
 130 68.4 54.3 81.5



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





#29

Tetrahydrofuran

Concen: 386.811 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

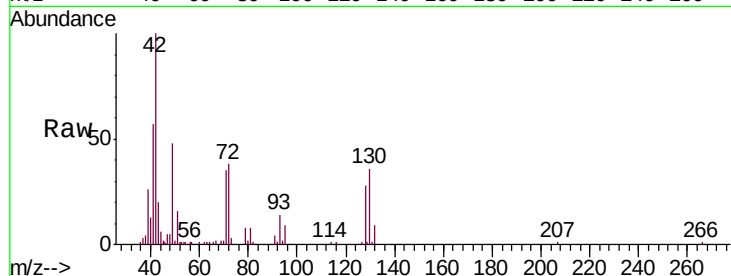
Tgt Ion: 42 Resp: 28501

Ion Ratio Lower Upper

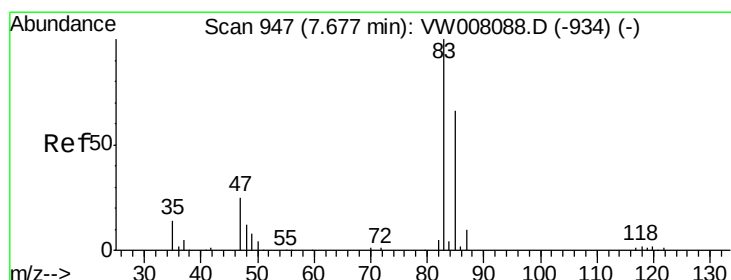
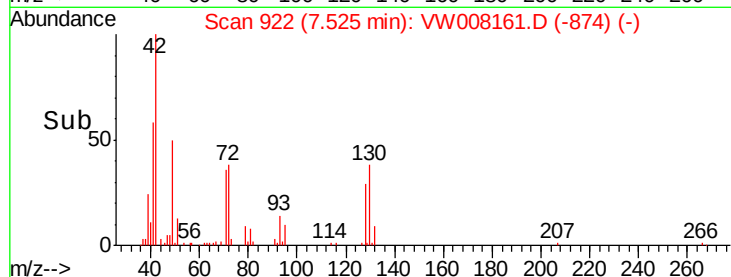
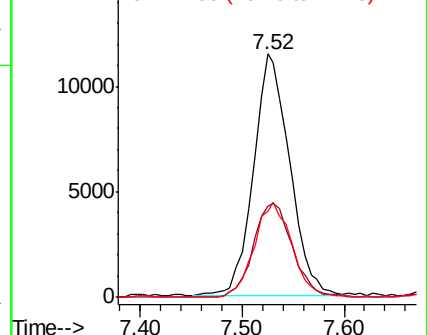
42 100

72 41.9 32.4 48.6

71 40.7 31.3 46.9



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



#30

Chloroform

Concen: 62.245 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW008161.D

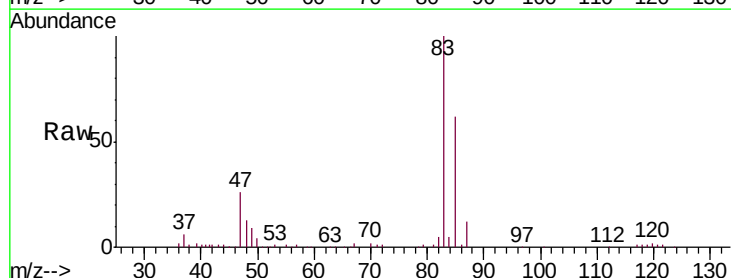
Acq: 10 Jan 2019 20:47

Tgt Ion: 83 Resp: 46175

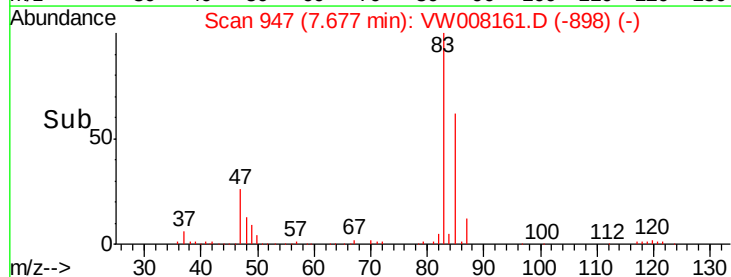
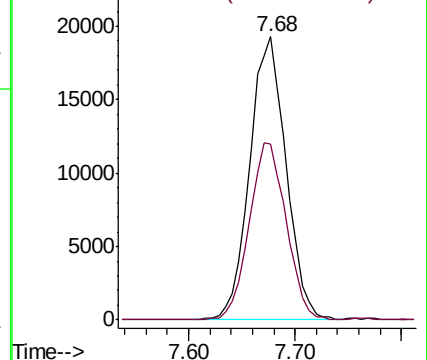
Ion Ratio Lower Upper

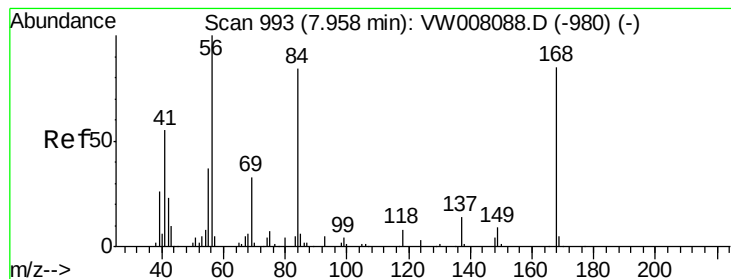
83 100

85 62.0 53.2 79.8



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





#31

Cyclohexane

Concen: 17.723 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

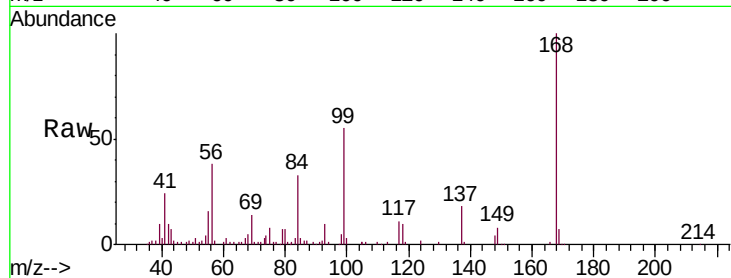
Tgt Ion: 56 Resp: 14787

Ion Ratio Lower Upper

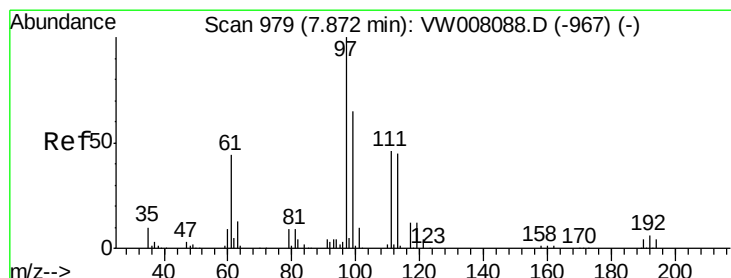
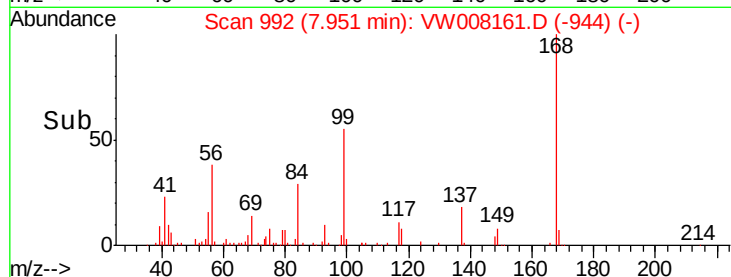
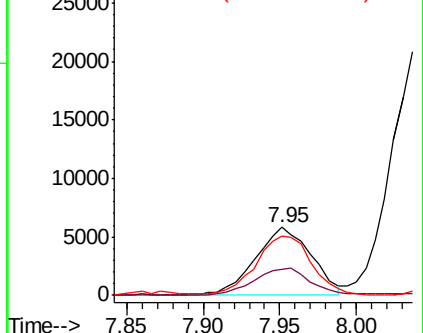
56 100

69 37.1 26.2 39.4

84 86.0 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 49.224 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

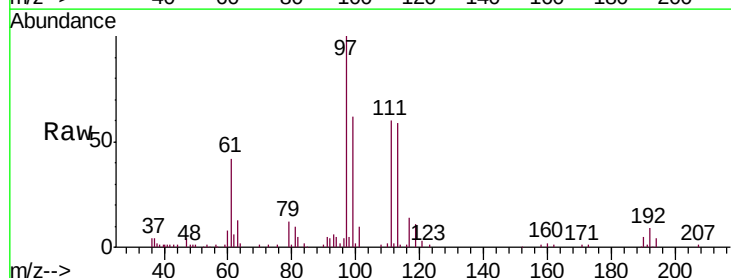
Tgt Ion: 97 Resp: 31773

Ion Ratio Lower Upper

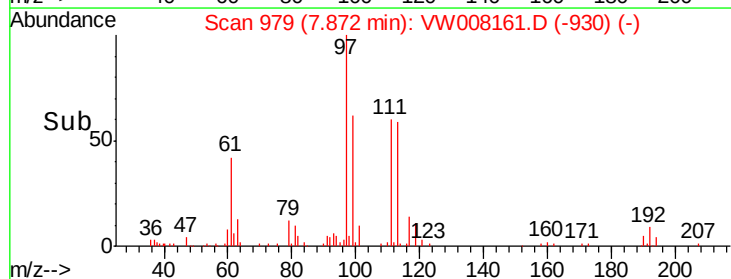
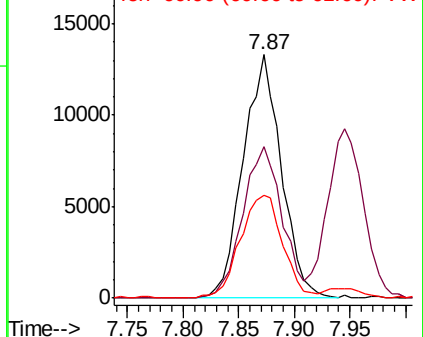
97 100

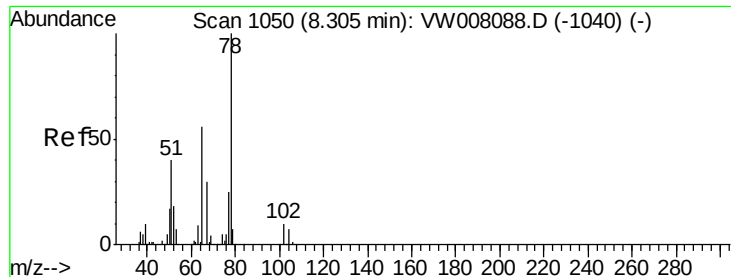
99 64.3 51.4 77.0

61 47.0 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

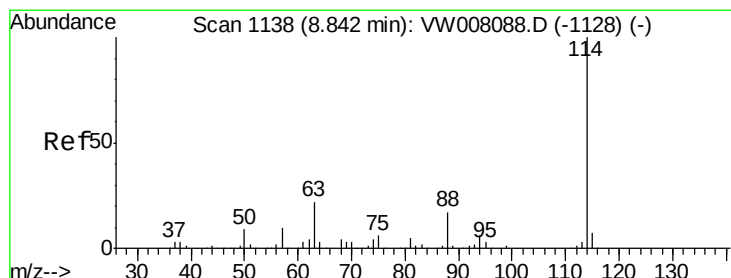
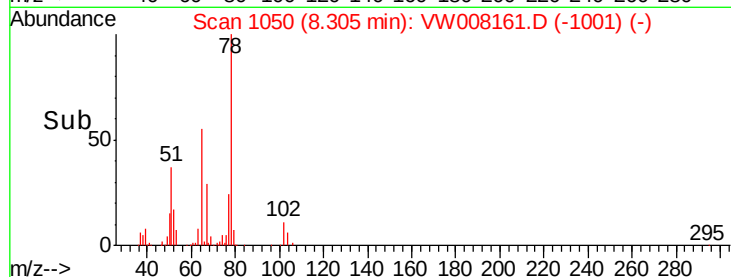
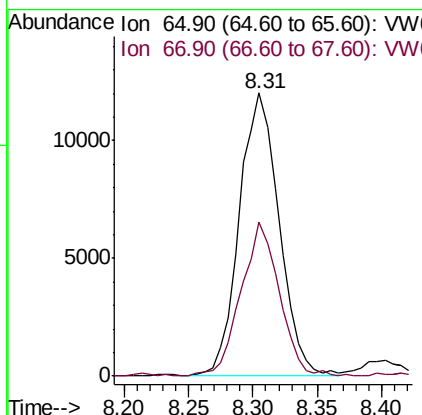
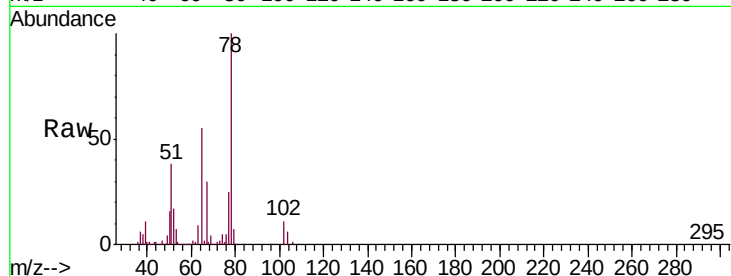




#33
 1,2-Dichloroethane-d4
 Concen: 64.984 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

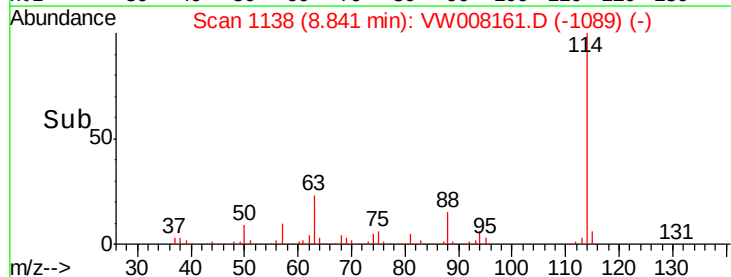
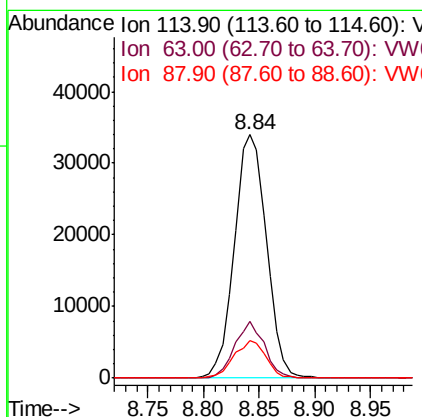
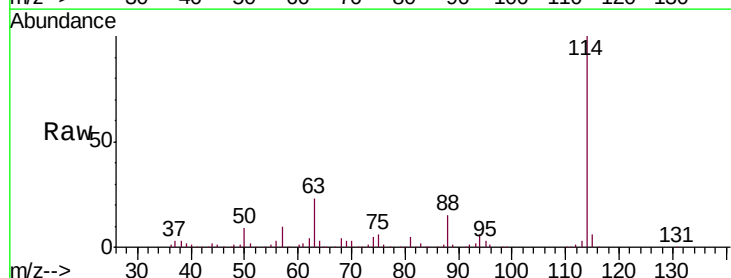
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

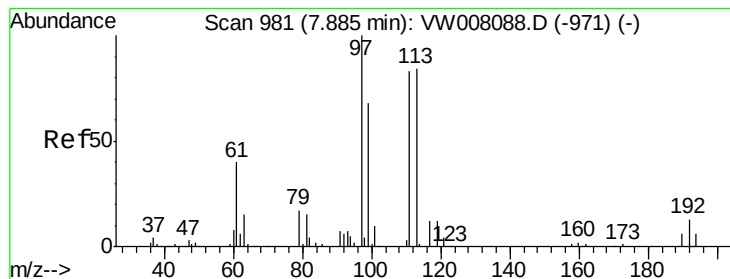
Tgt Ion: 65 Resp: 25763
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion: 114 Resp: 67785
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.4
 88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 59.697 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

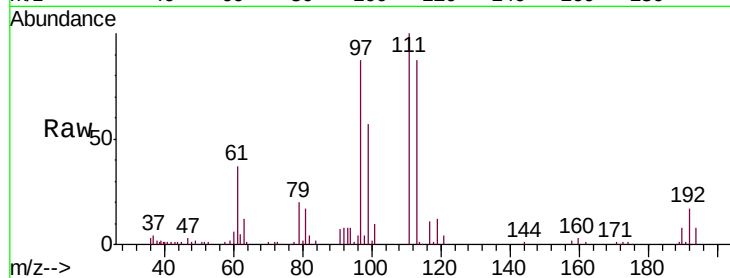
Tgt Ion:113 Resp: 23601

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

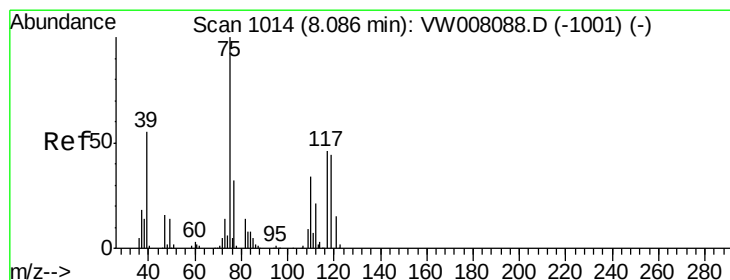
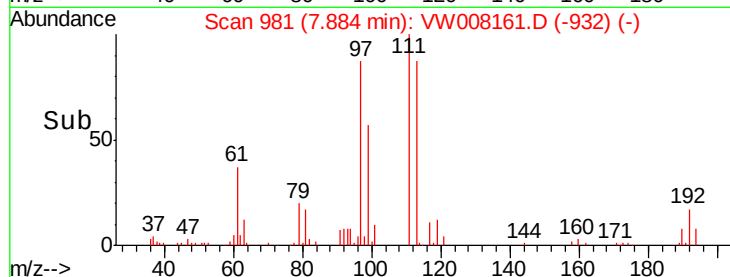
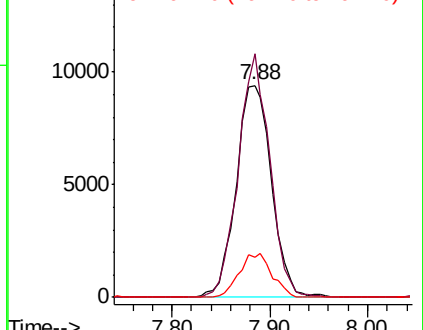
192 18.9 12.8 19.2



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: 37.147 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

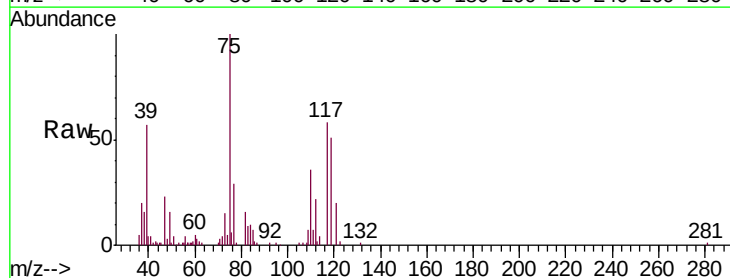
Tgt Ion: 75 Resp: 25938

Ion Ratio Lower Upper

75 100

110 34.6 17.1 51.3

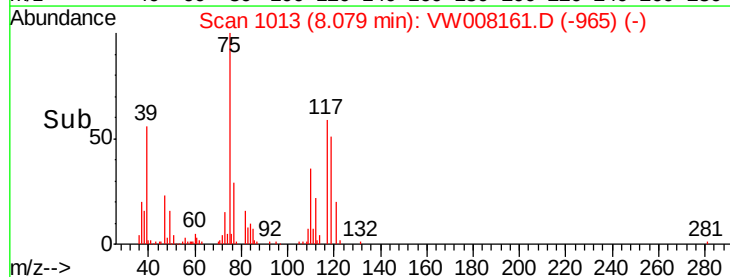
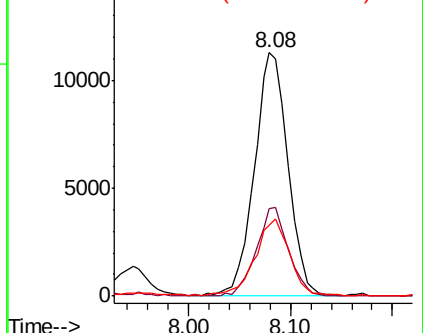
77 32.7 25.5 38.3

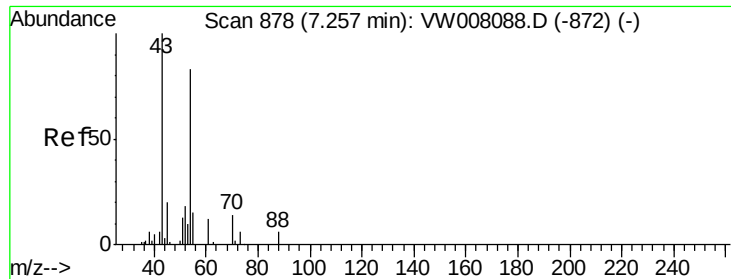


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

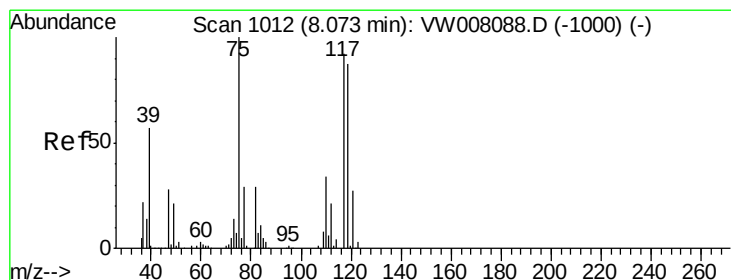
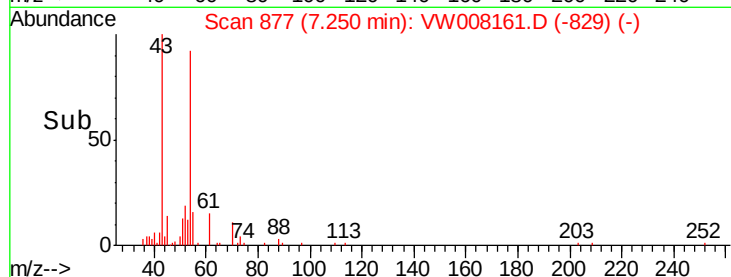
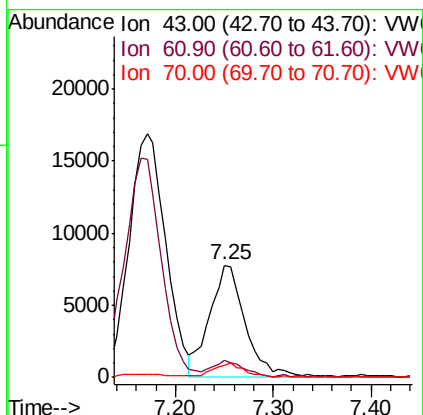
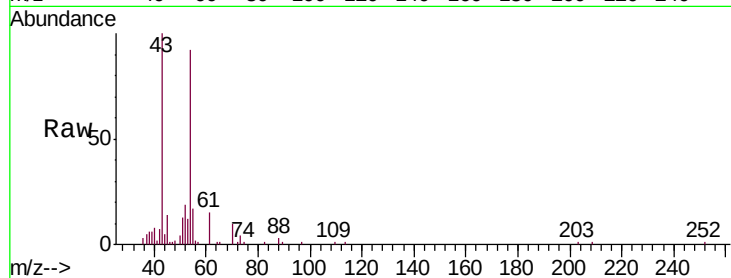




#37
Ethyl Acetate
Concen: 69.132 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

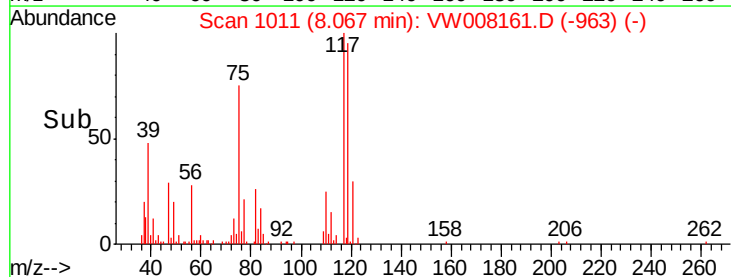
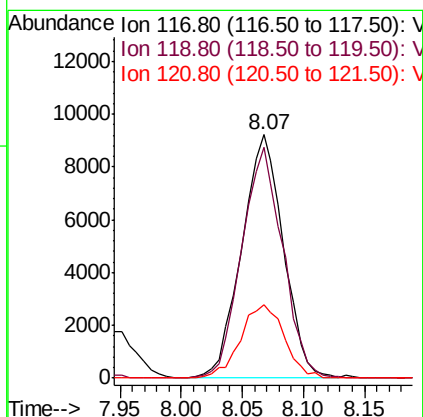
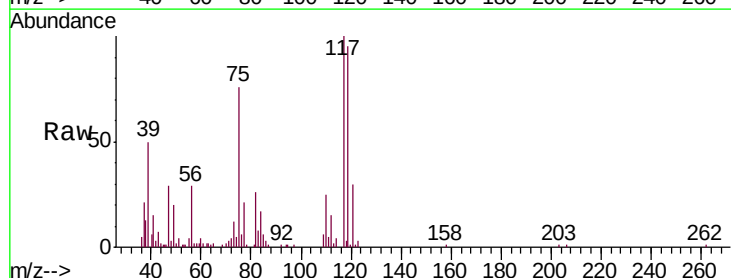
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

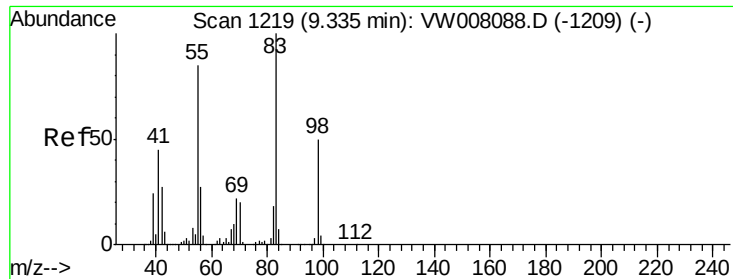
Tgt Ion: 43 Resp: 19339
Ion Ratio Lower Upper
43 100
61 12.4 10.6 16.0
70 11.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 34.208 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion: 117 Resp: 21862
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
121 30.1 23.7 35.5

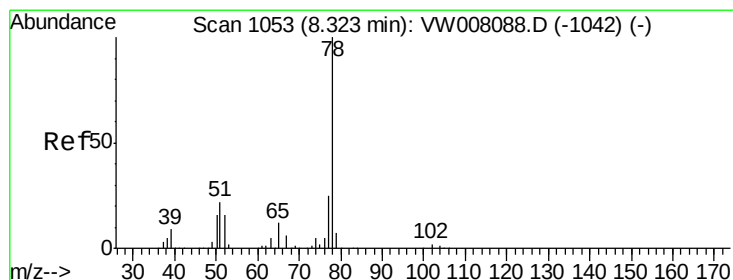
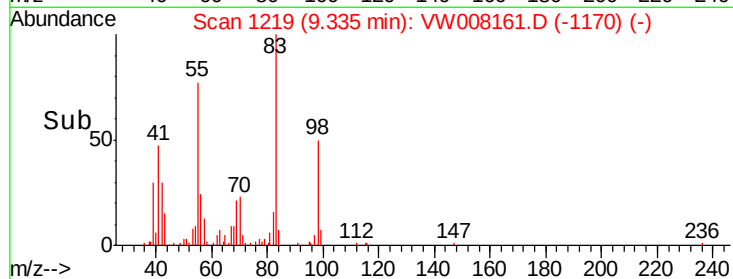
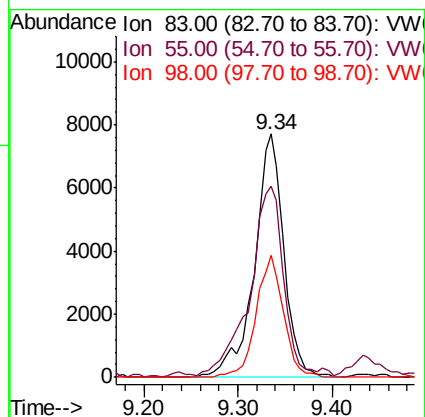
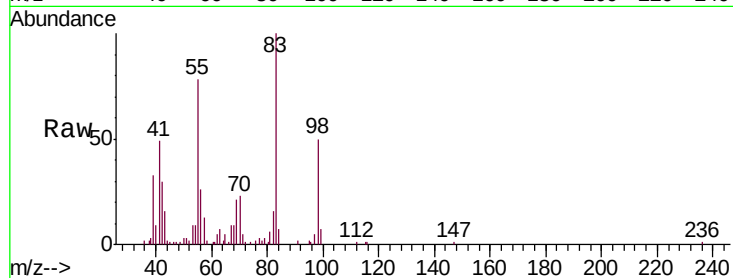




#39
Methylcyclohexane
Concen: 19.173 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

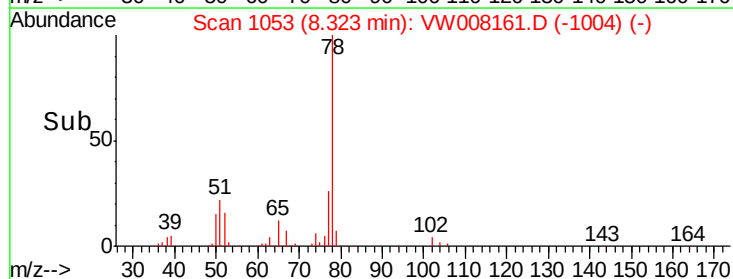
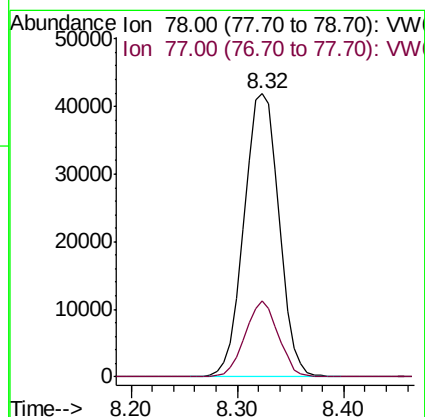
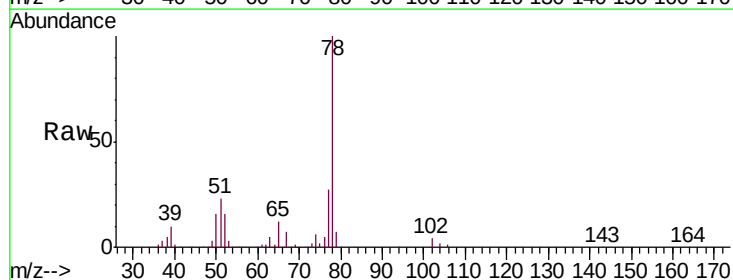
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

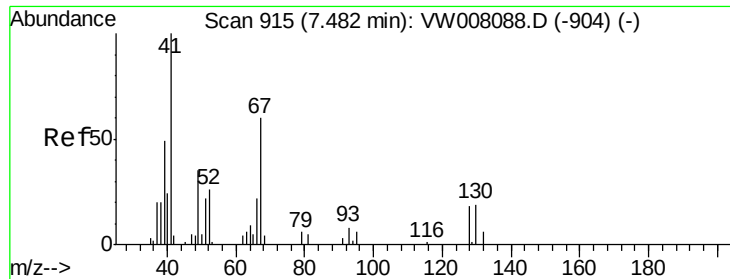
Tgt Ion: 83 Resp: 16975
Ion Ratio Lower Upper
83 100
55 77.3 67.8 101.6
98 50.0 40.2 60.4



#40
Benzene
Concen: 51.235 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion: 78 Resp: 97033
Ion Ratio Lower Upper
78 100
77 26.8 20.2 30.4

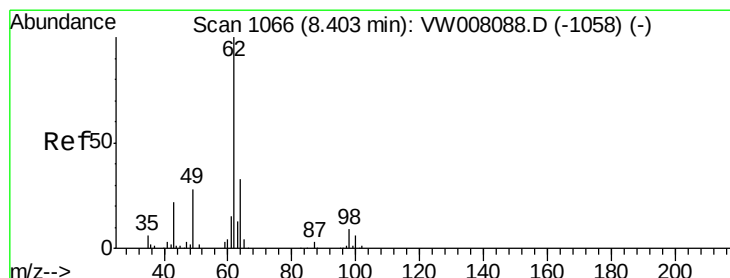
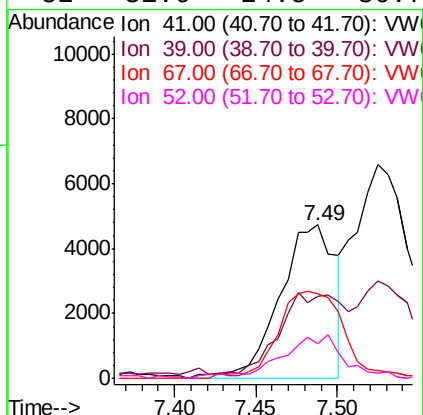
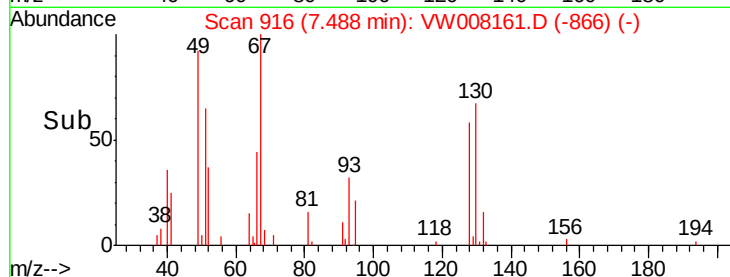
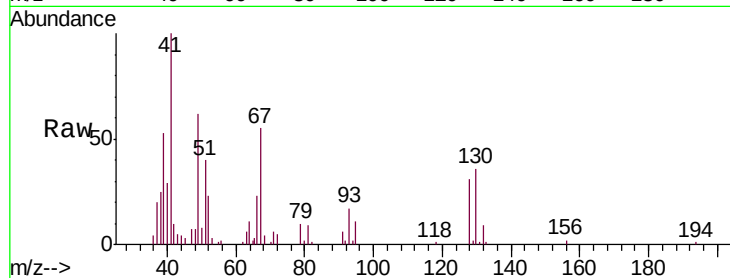




#41
Methacrylonitrile
Concen: 63.171 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

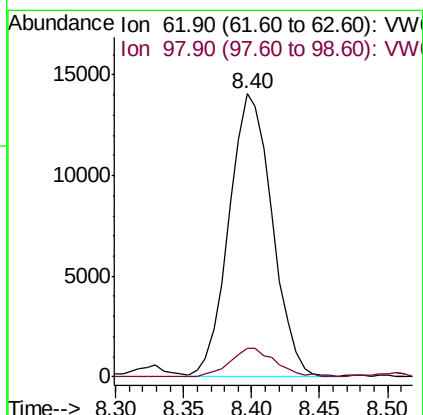
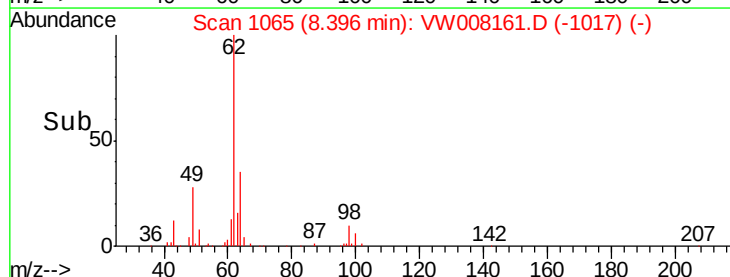
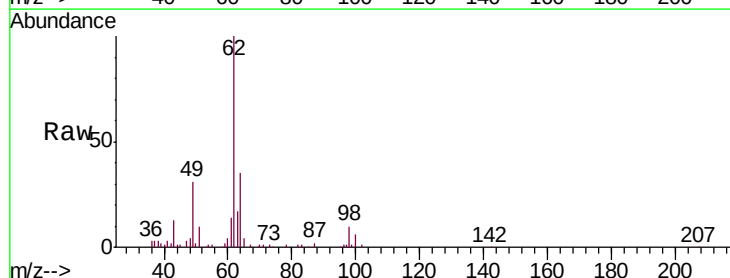
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

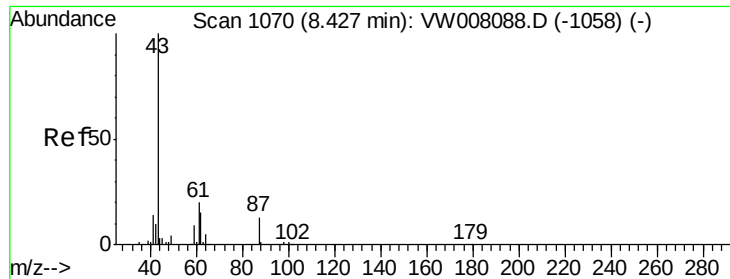
Tgt Ion:	41	Resp:	11163
Ion	Ratio	Lower	Upper
41	100		
39	60.2	47.9	71.9
67	67.2	56.3	84.5
52	31.6	24.5	36.7



#42
1,2-Dichloroethane
Concen: 58.471 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion:	62	Resp:	31145
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 69.399 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

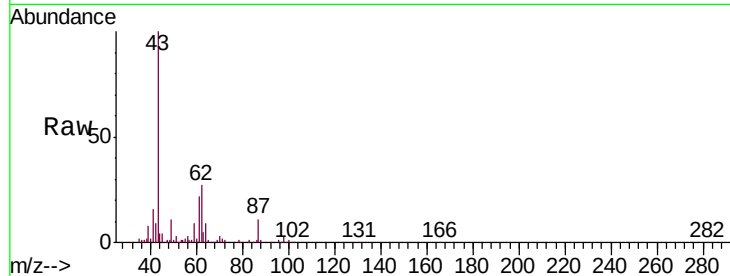
Tgt Ion: 43 Resp: 38816

Ion Ratio Lower Upper

43 100

61 27.1 24.8 37.2

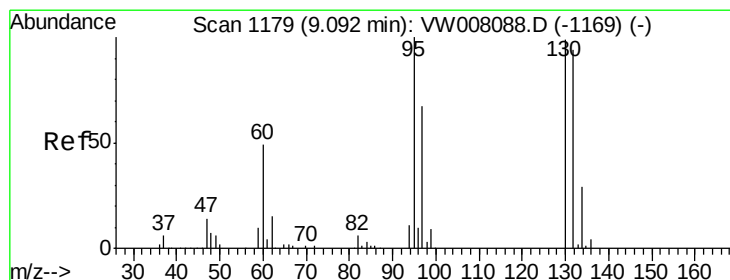
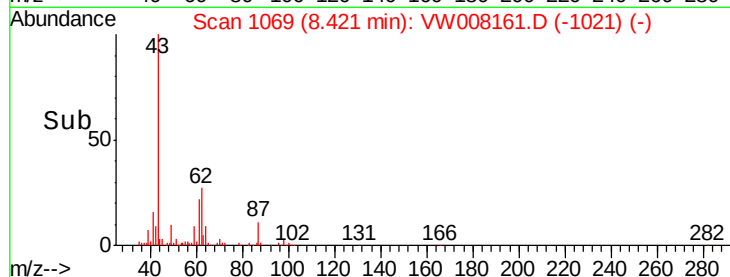
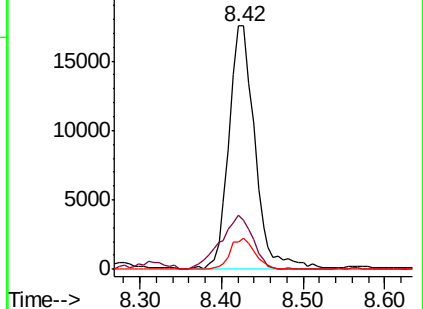
87 12.1 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 40.734 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008161.D

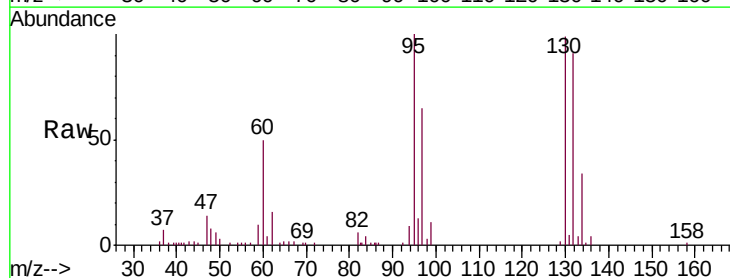
Acq: 10 Jan 2019 20:47

Tgt Ion: 130 Resp: 19748

Ion Ratio Lower Upper

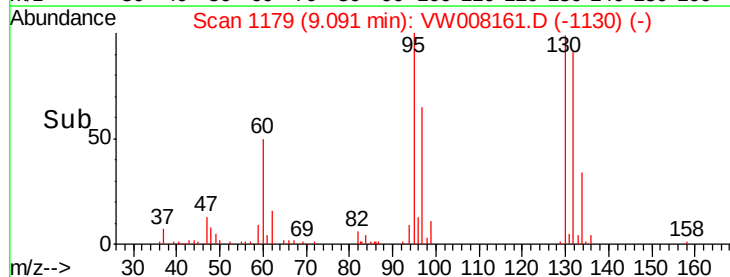
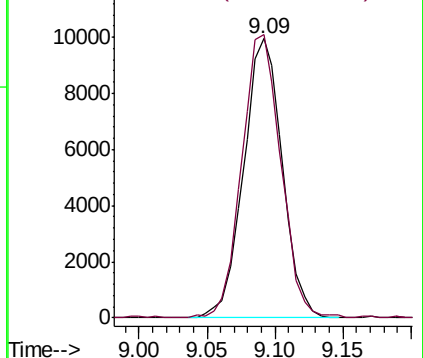
130 100

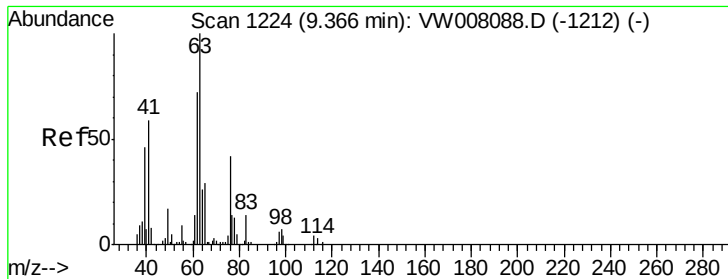
95 101.5 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

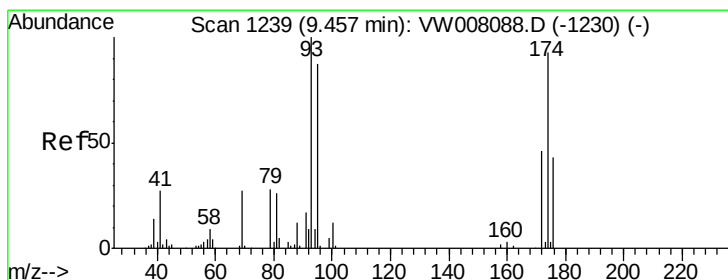
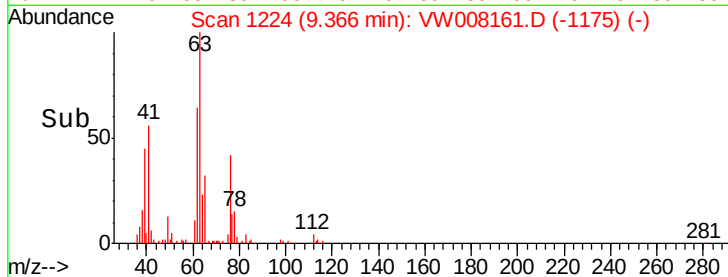
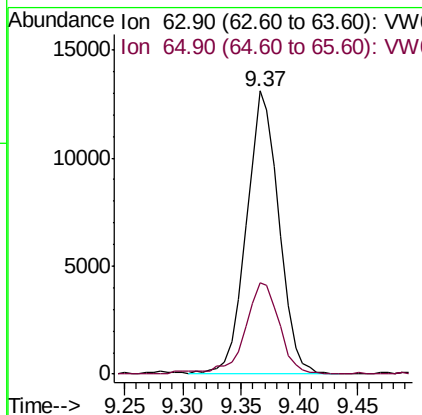
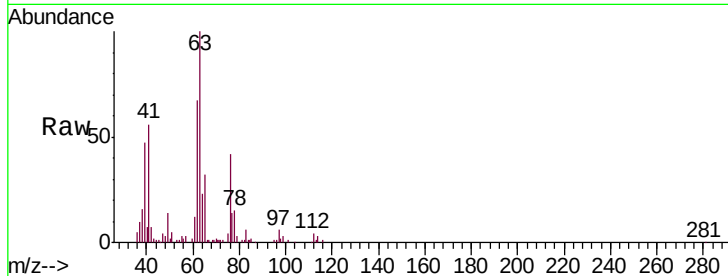




#45
 1,2-Dichloropropane
 Concen: 54.030 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

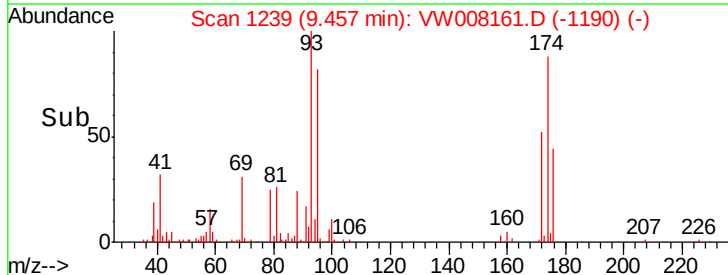
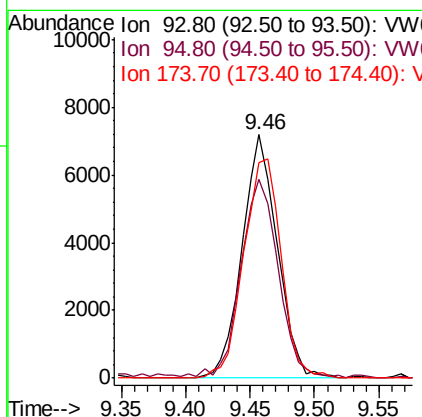
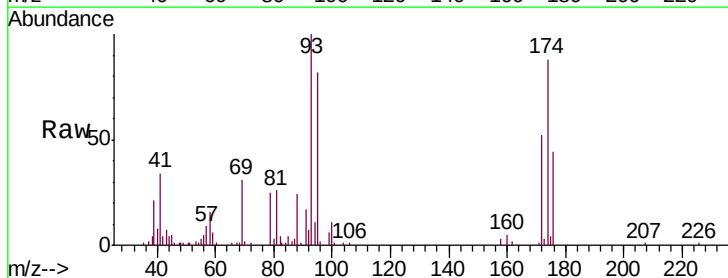
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

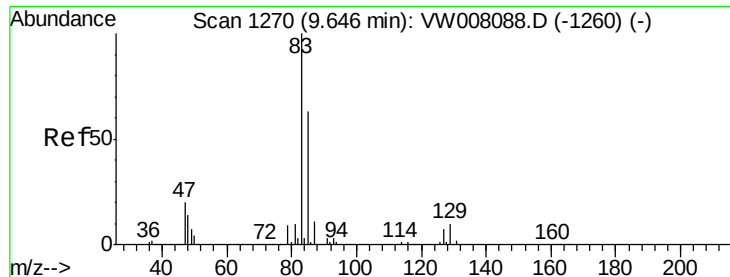
Tgt Ion: 63 Resp: 25372
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.3 34.9



#46
 Dibromomethane
 Concen: 58.854 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion: 93 Resp: 13573
 Ion Ratio Lower Upper
 93 100
 95 87.0 67.5 101.3
 174 95.8 72.5 108.7





#47

Bromodichloromethane

Concen: 51.824 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

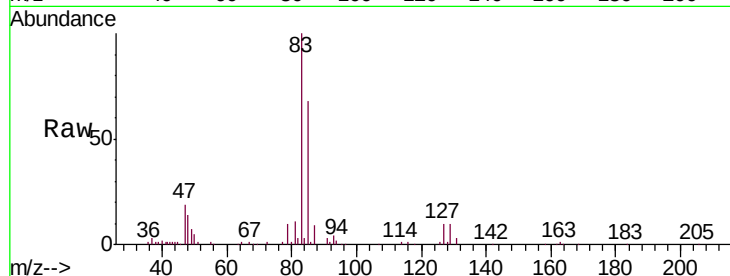
Tgt Ion: 83 Resp: 30348

Ion Ratio Lower Upper

83 100

85 67.0 50.7 76.1

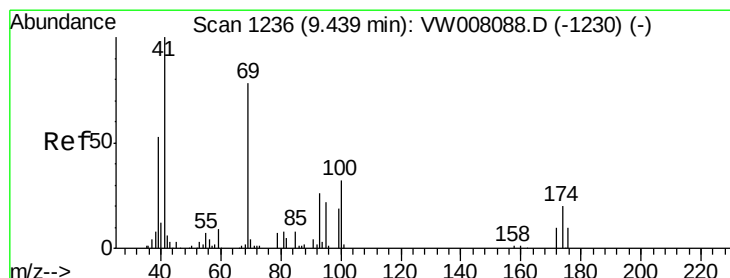
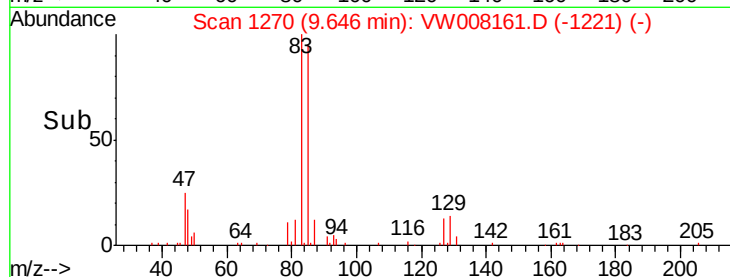
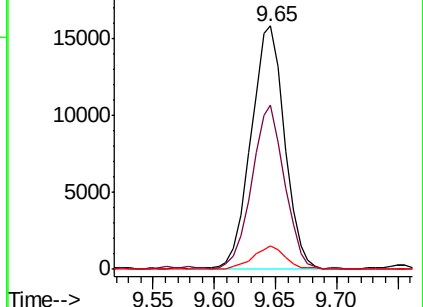
127 9.6 6.0 9.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 68.545 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

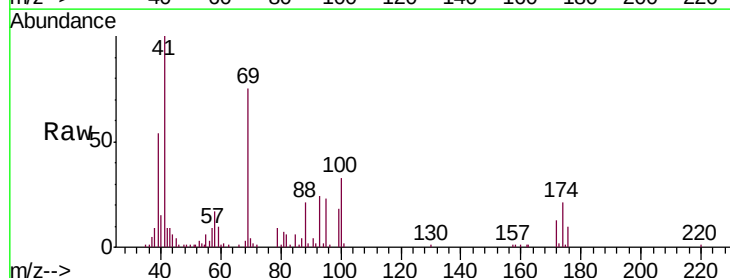
Tgt Ion: 41 Resp: 18090

Ion Ratio Lower Upper

41 100

69 80.8 61.9 92.9

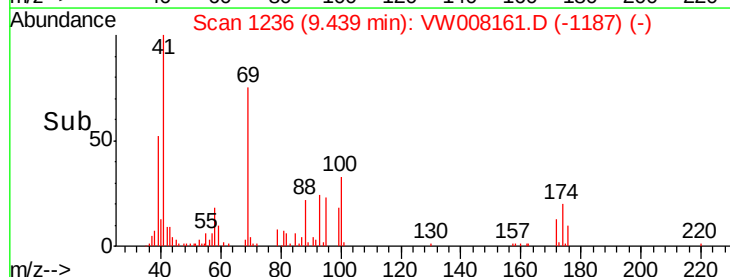
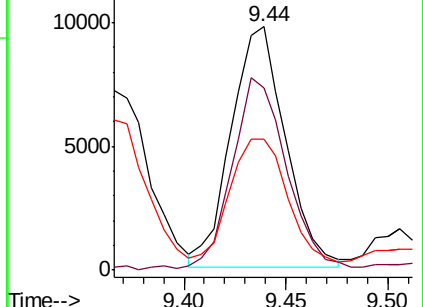
39 57.0 43.0 64.4

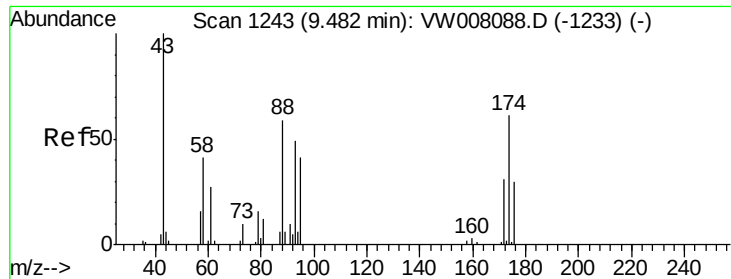


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

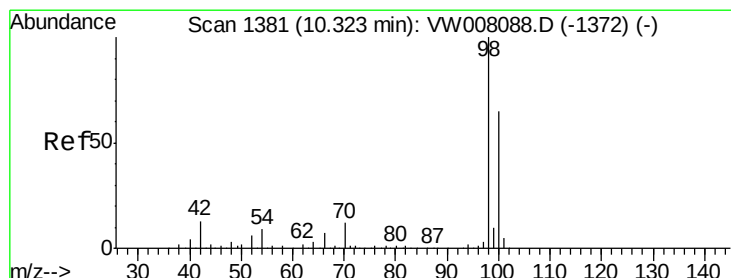
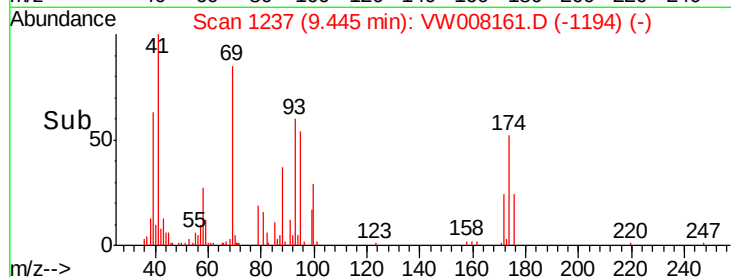
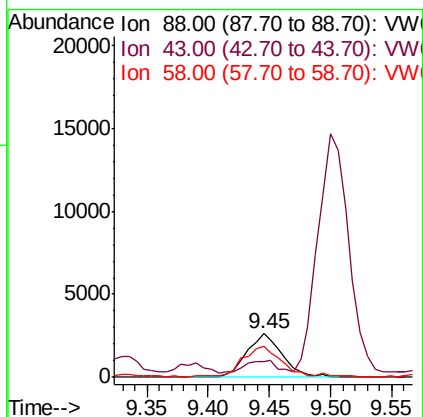
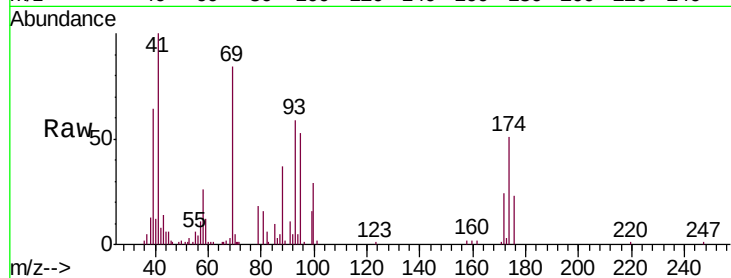




#49
1,4-Dioxane
Concen: 1434.690 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.04 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

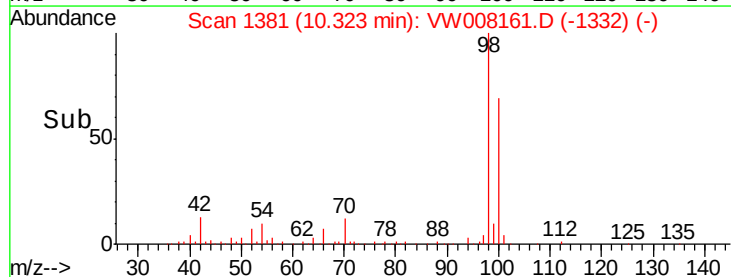
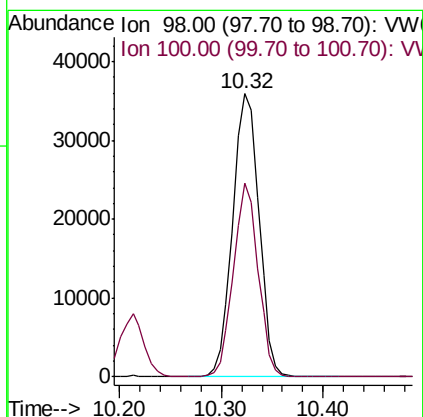
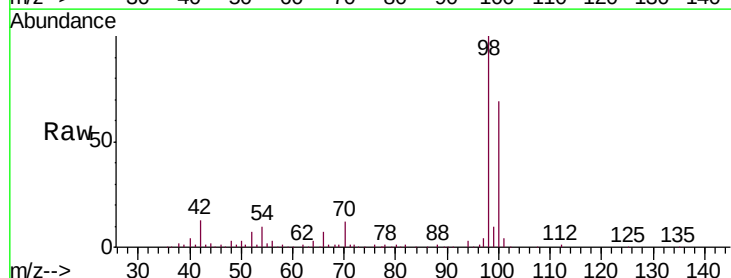
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

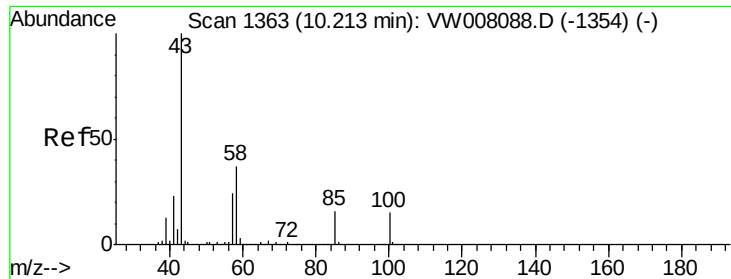
Tgt Ion: 88 Resp: 5321
Ion Ratio Lower Upper
88 100
43 24.1 0.0 0.0#
58 78.3 61.7 92.5



#50
Toluene-d8
Concen: 38.590 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion: 98 Resp: 64022
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

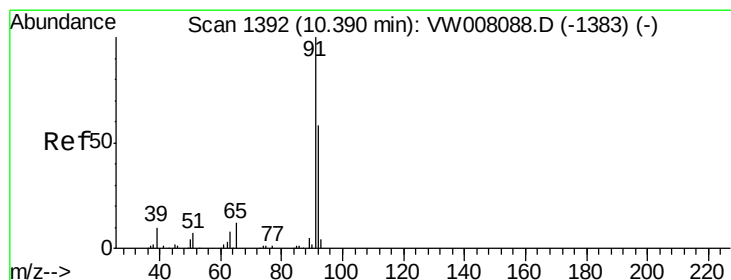
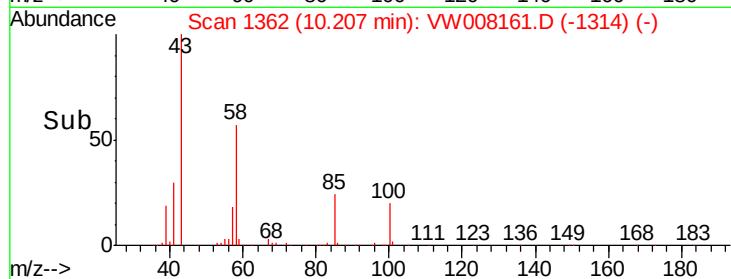
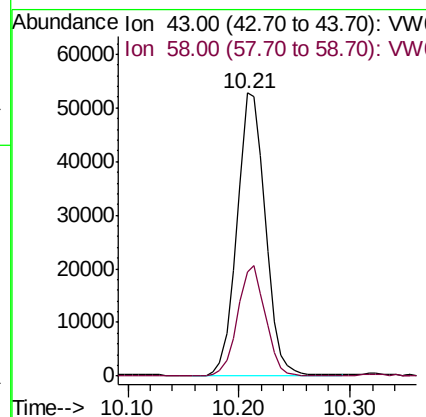
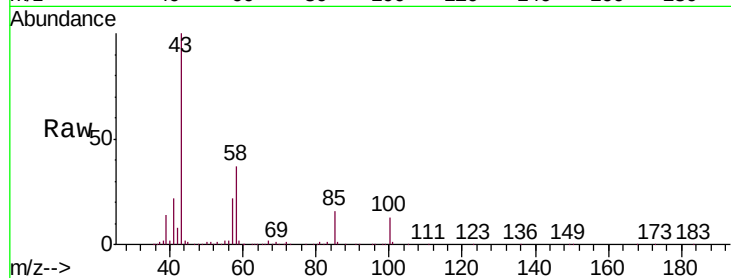




#51
 4-Methyl-2-Pentanone
 Concen: 343.576 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

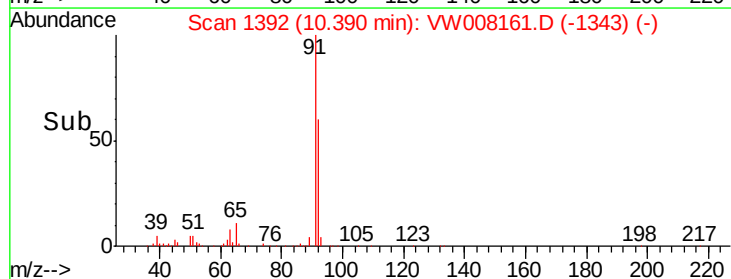
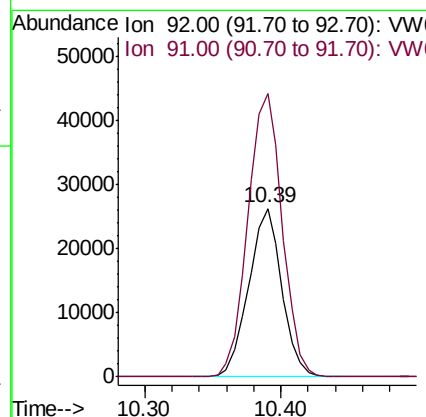
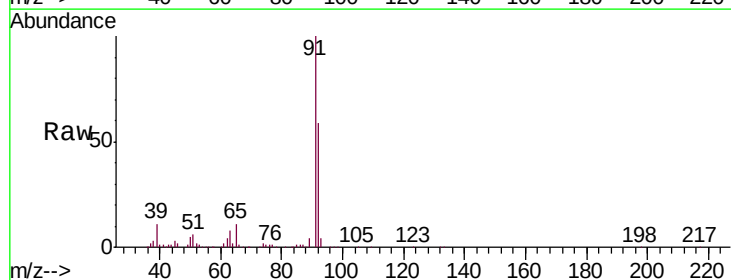
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

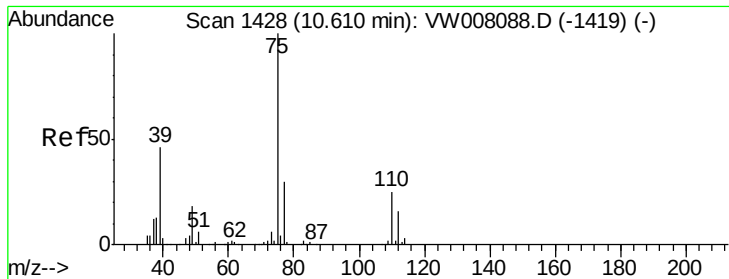
Tgt Ion: 43 Resp: 93019
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.6 46.0



#52
 Toluene
 Concen: 36.935 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion: 92 Resp: 44673
 Ion Ratio Lower Upper
 92 100
 91 175.1 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 45.938 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

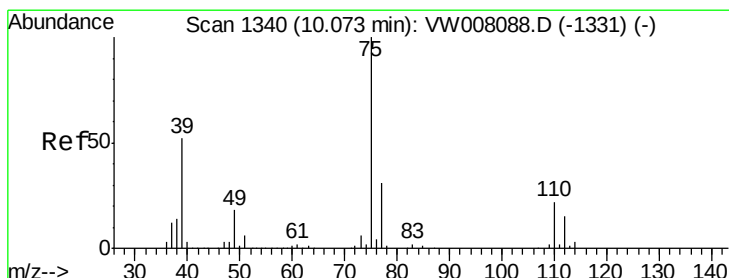
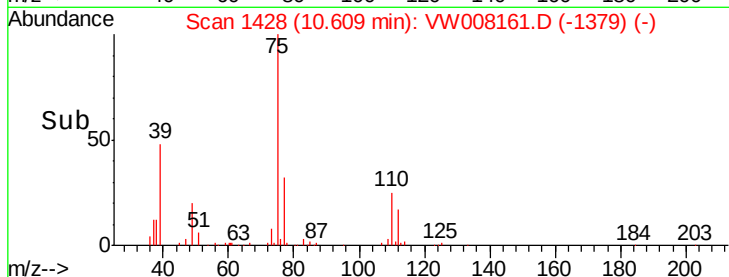
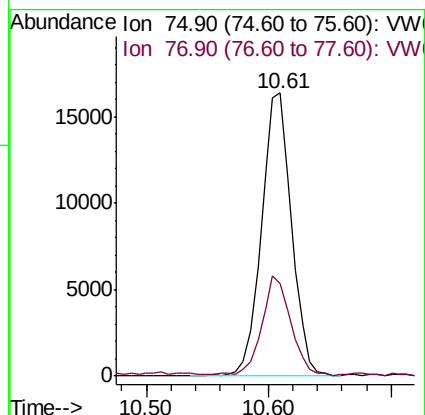
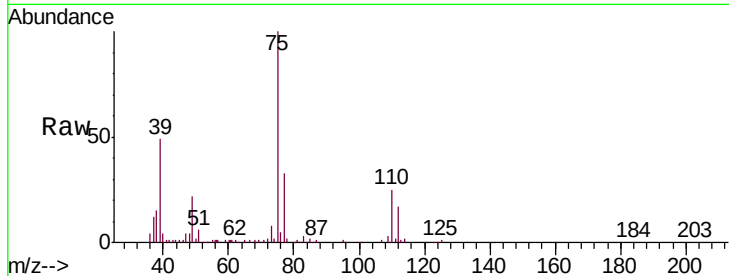
CPSB-07(15-20)MS

Tgt Ion: 75 Resp: 27982

Ion Ratio Lower Upper

75 100

77 32.3 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 44.716 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

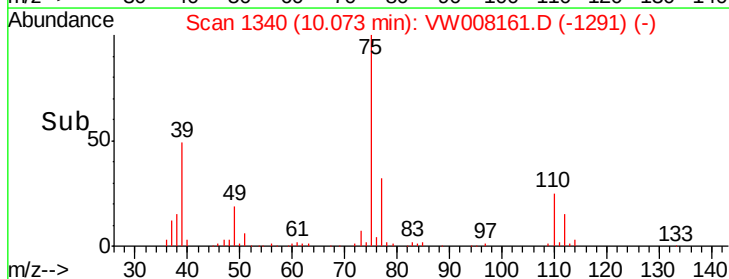
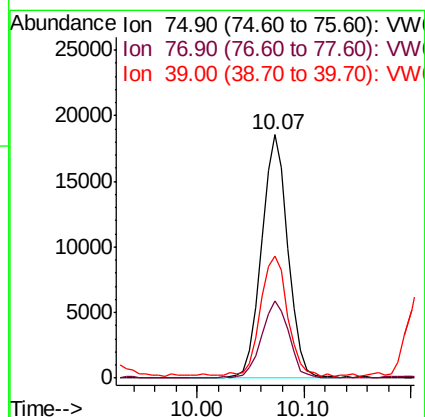
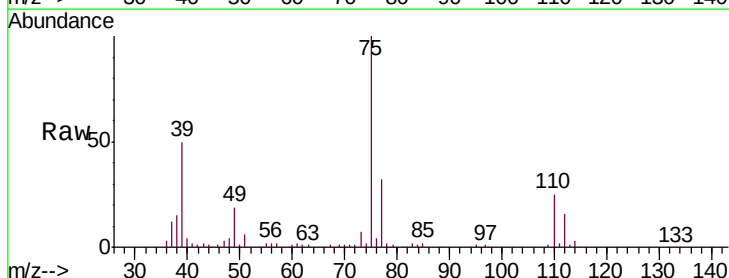
Tgt Ion: 75 Resp: 32299

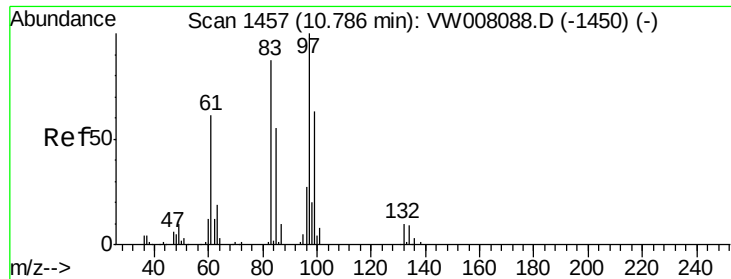
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 49.1 41.4 62.0

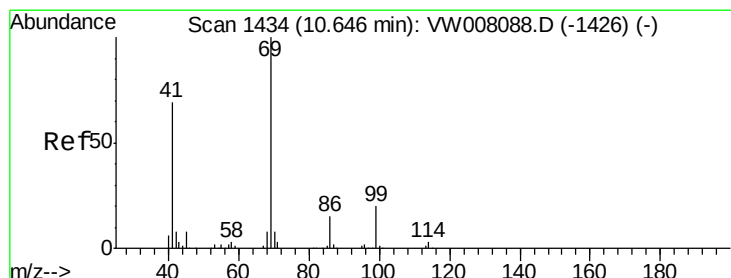
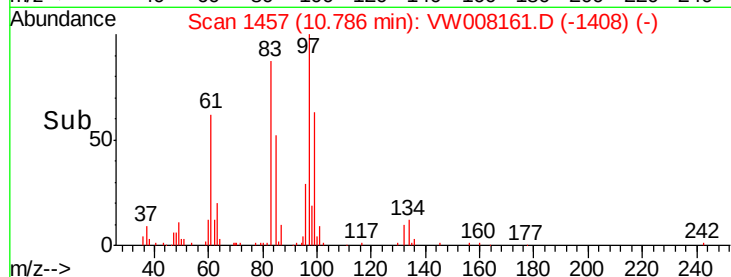
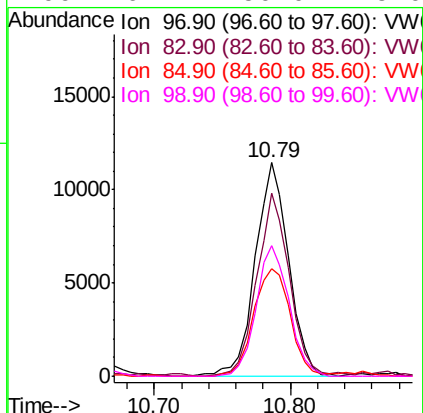
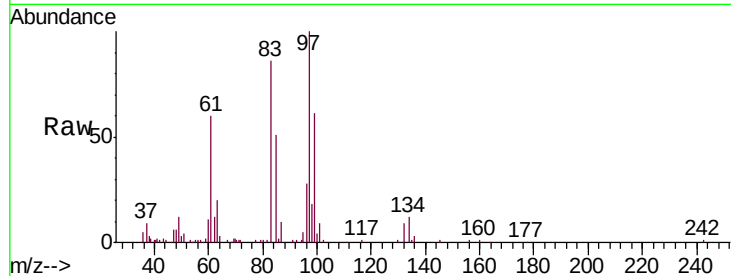




#55
 1,1,2-Trichloroethane
 Concen: 61.058 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

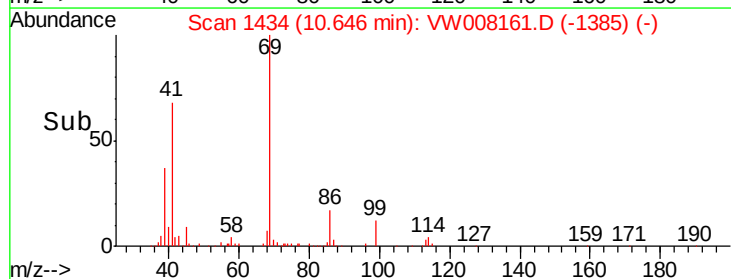
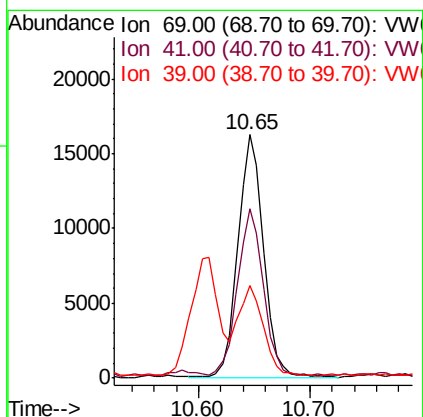
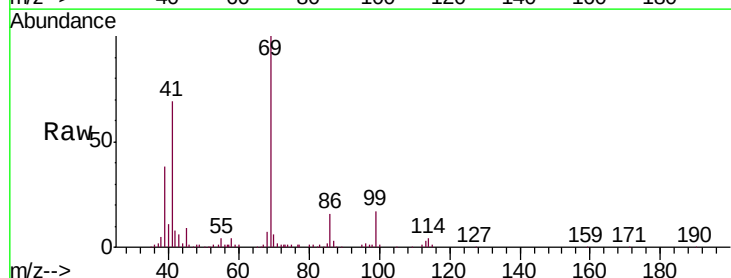
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

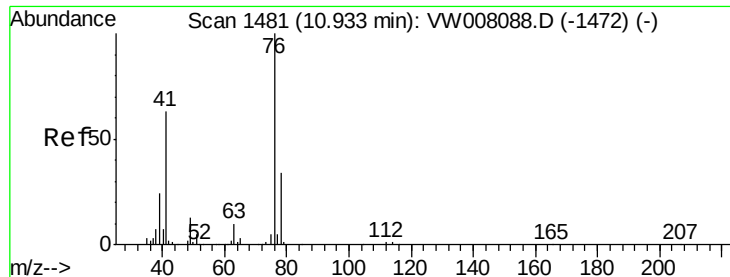
Tgt Ion:	97	Resp:	19770
Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.3	103.9
85	50.6	43.8	65.6
99	61.2	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 64.157 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion:	69	Resp:	25726
Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.4	84.6
39	36.3	28.1	42.1





#57

1,3-Dichloropropane

Concen: 56.754 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

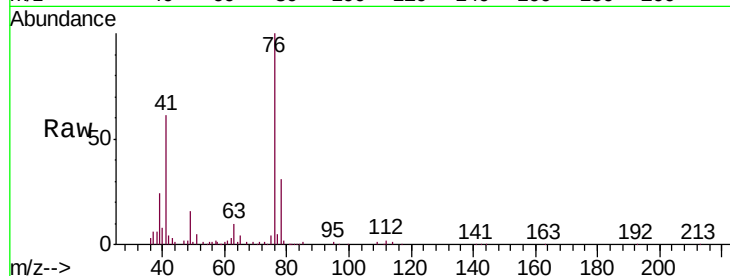
CPSB-07(15-20)MS

Tgt Ion: 76 Resp: 33608

Ion Ratio Lower Upper

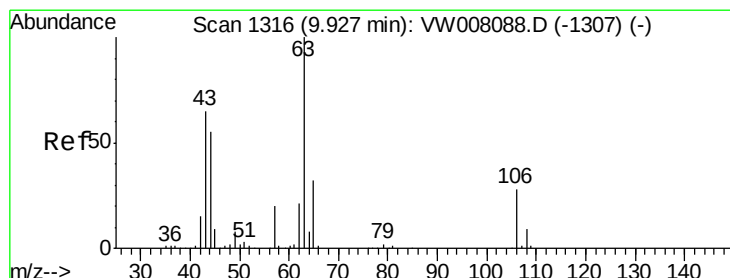
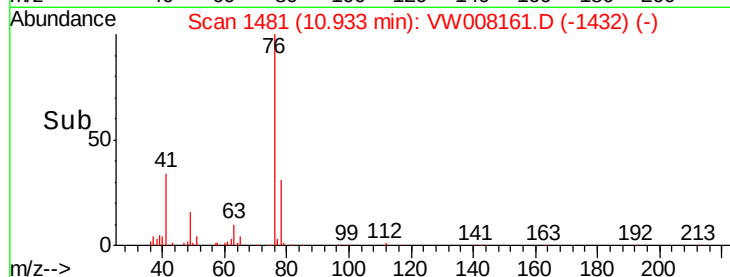
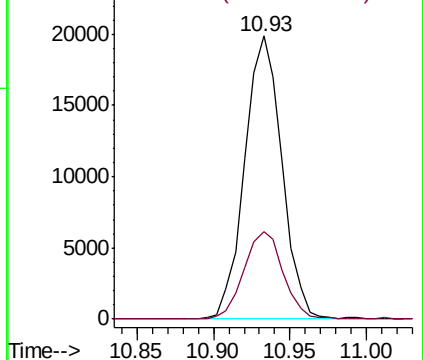
76 100

78 32.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 319.079 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW008161.D

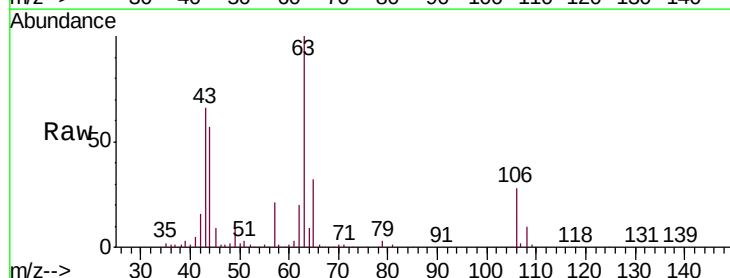
Acq: 10 Jan 2019 20:47

Tgt Ion: 63 Resp: 66091

Ion Ratio Lower Upper

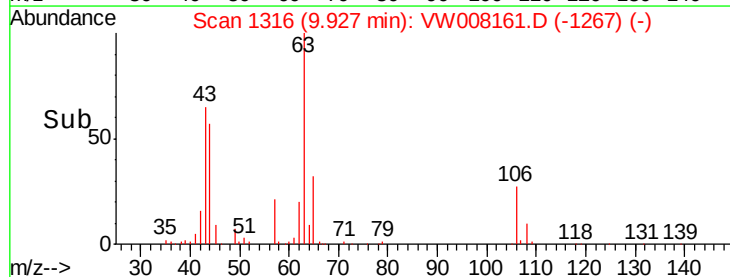
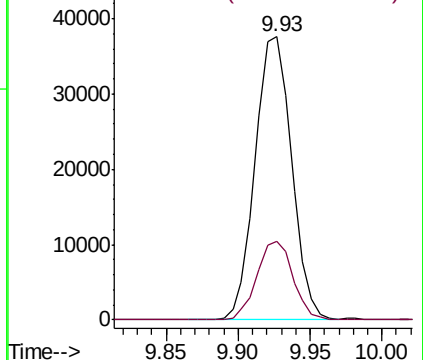
63 100

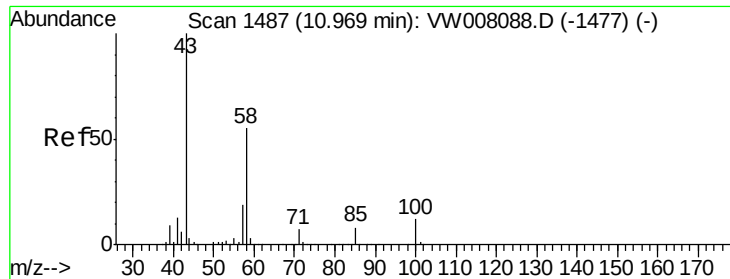
106 27.5 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 352.273 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

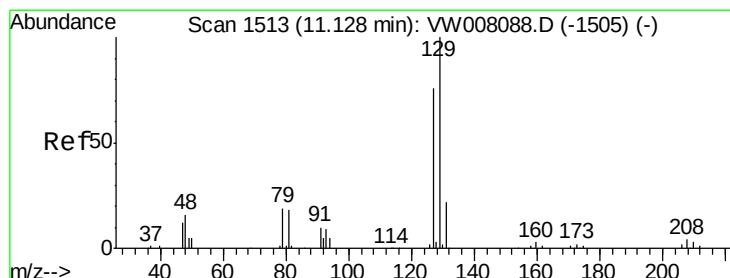
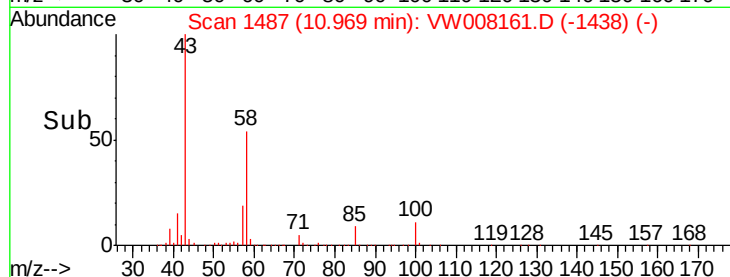
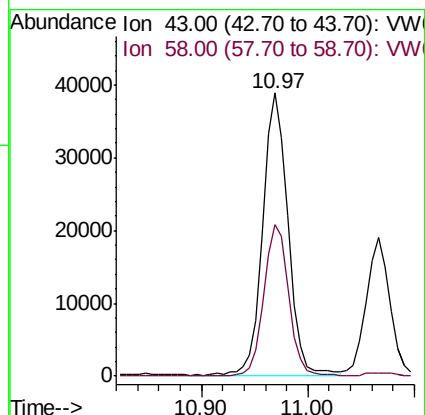
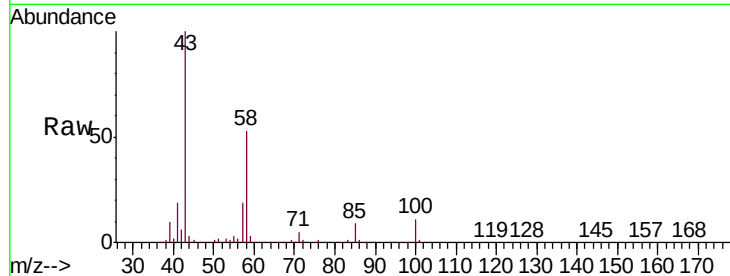
CPSB-07(15-20)MS

Tgt Ion: 43 Resp: 64496

Ion Ratio Lower Upper

43 100

58 53.4 27.2 81.5



#60

Dibromochloromethane

Concen: 50.726 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW008161.D

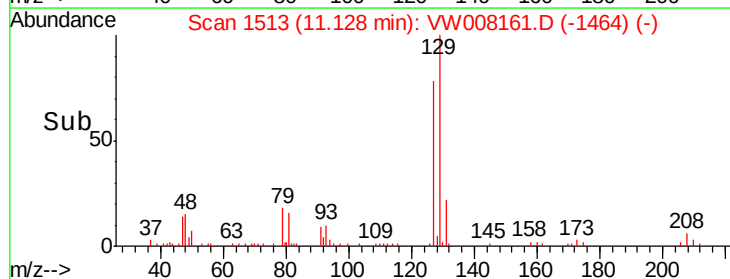
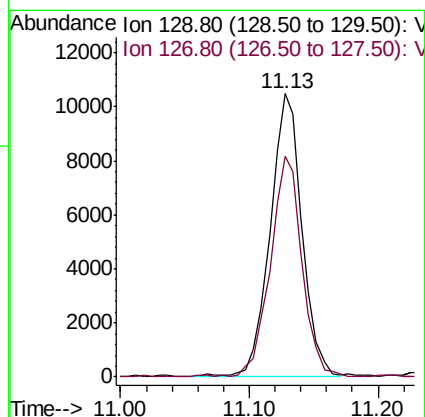
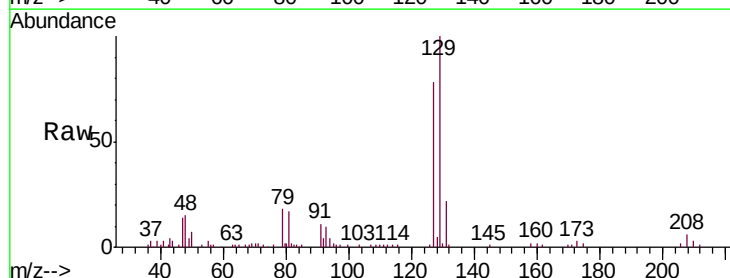
Acq: 10 Jan 2019 20:47

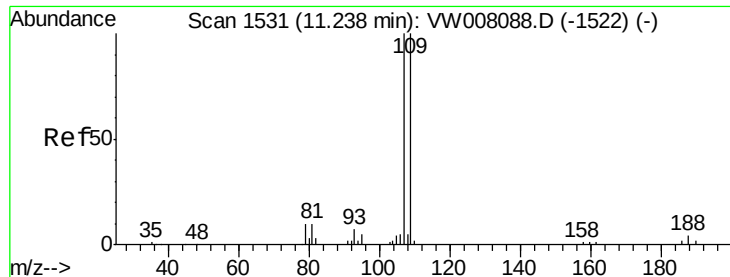
Tgt Ion: 129 Resp: 18036

Ion Ratio Lower Upper

129 100

127 77.2 38.9 116.6

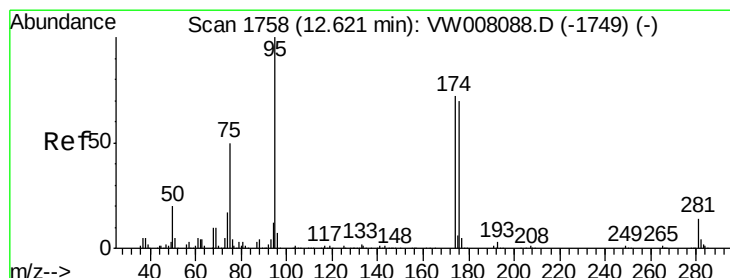
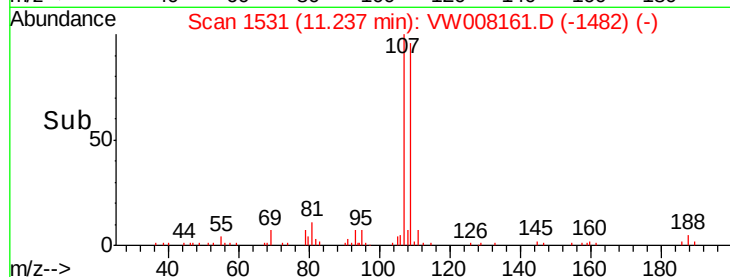
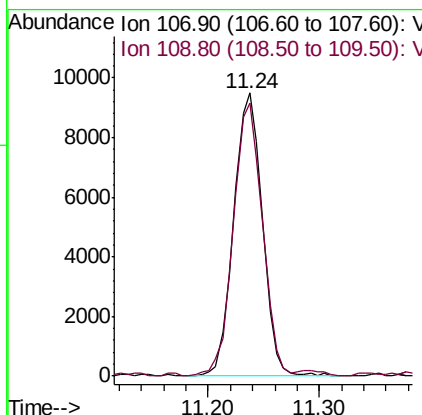
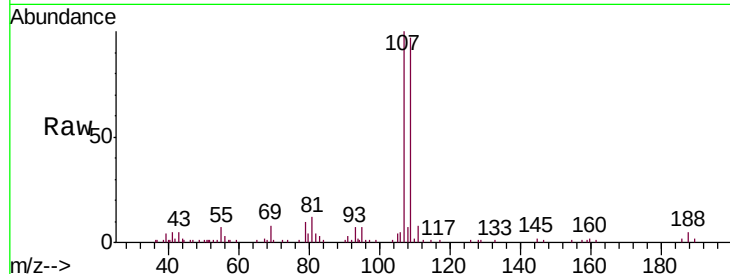




#61
 1,2-Dibromoethane
 Concen: 55.091 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

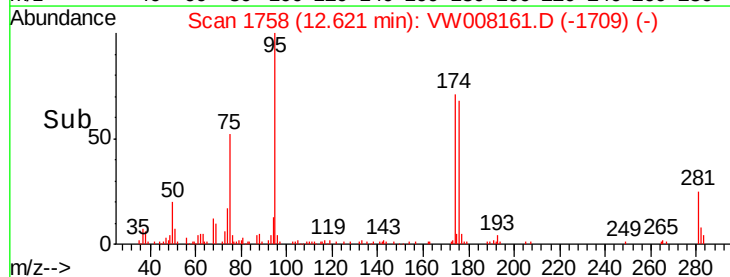
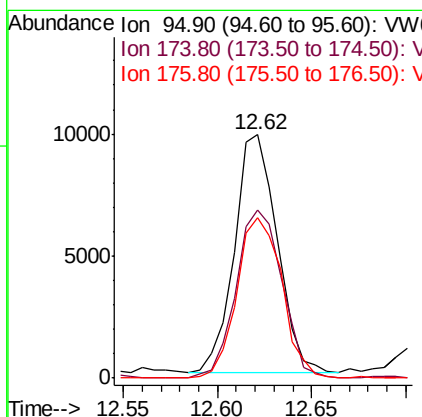
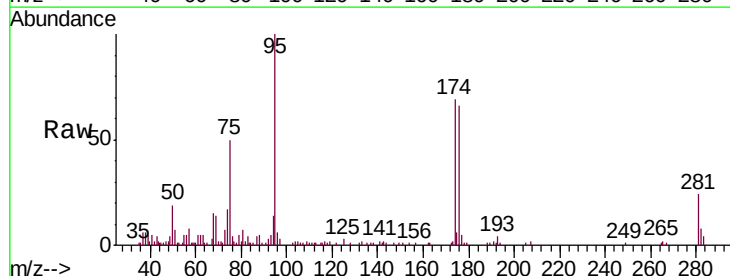
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

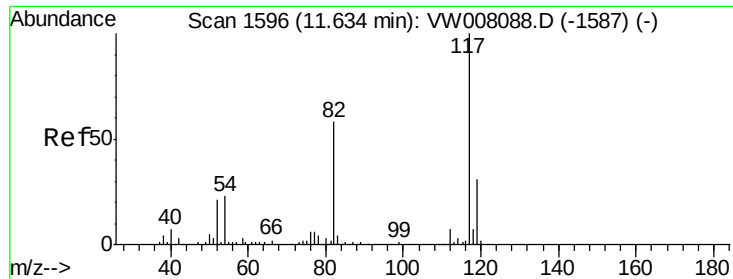
Tgt Ion: 107 Resp: 16926
 Ion Ratio Lower Upper
 107 100
 109 98.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 25.832 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion: 95 Resp: 15364
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 143.0
 176 70.9 0.0 140.2

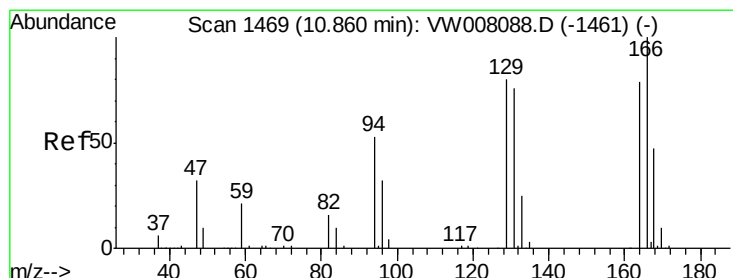
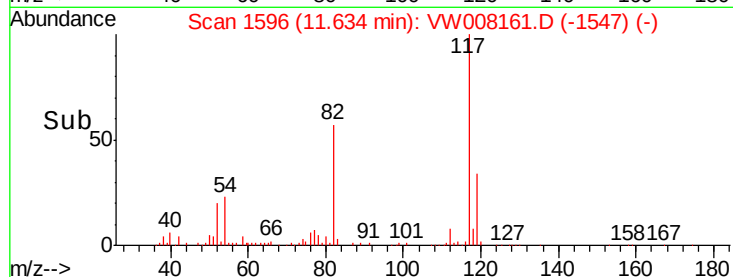
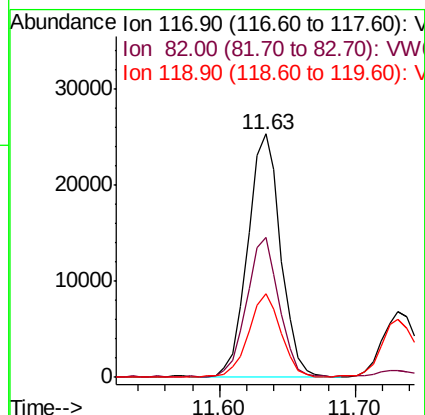
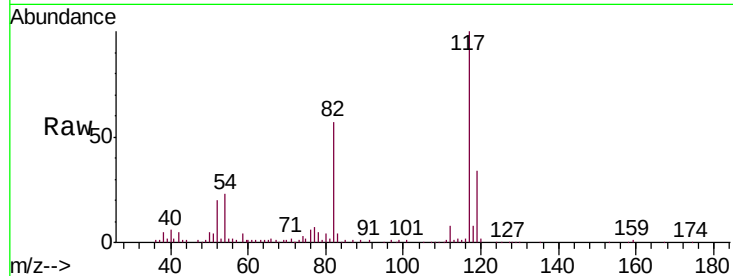




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

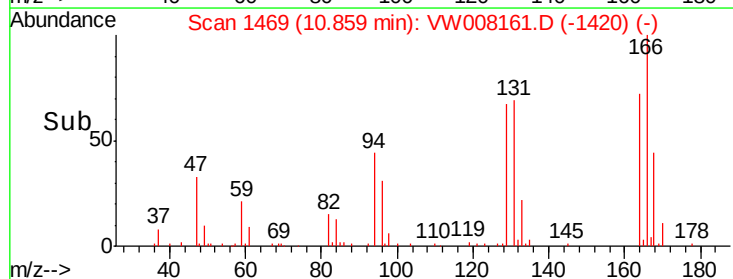
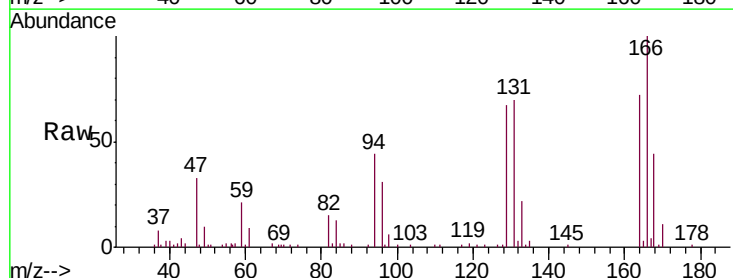
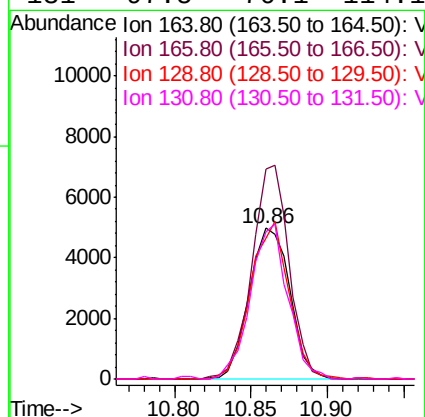
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

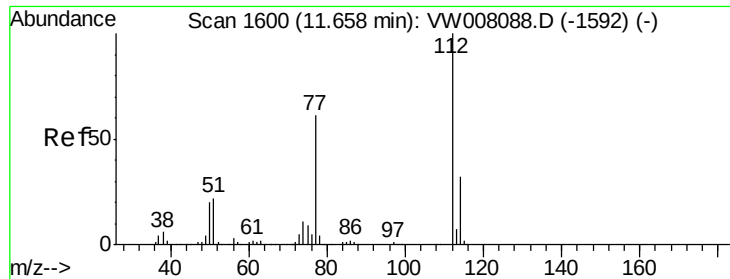
Tgt Ion:117 Resp: 42962
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 34.1 24.7 37.1



#64
Tetrachloroethene
Concen: 33.112 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion:164 Resp: 9258
Ion Ratio Lower Upper
164 100
166 139.5 100.7 151.1
129 93.8 81.0 121.4
131 97.5 76.1 114.1

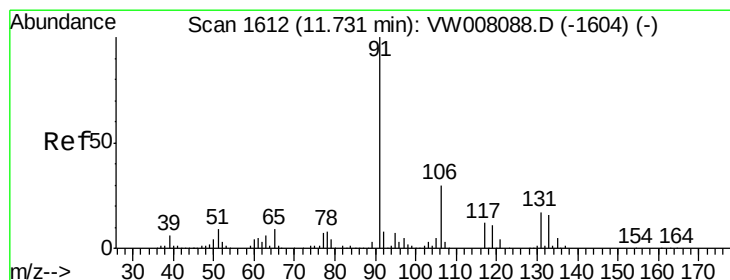
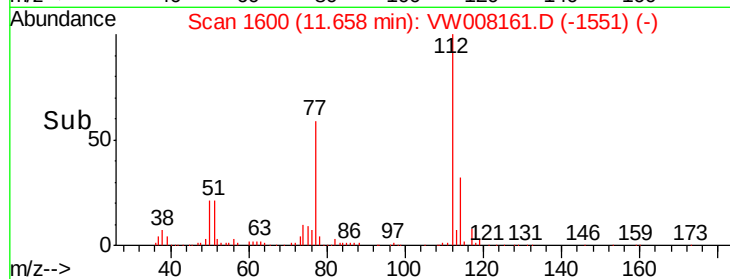
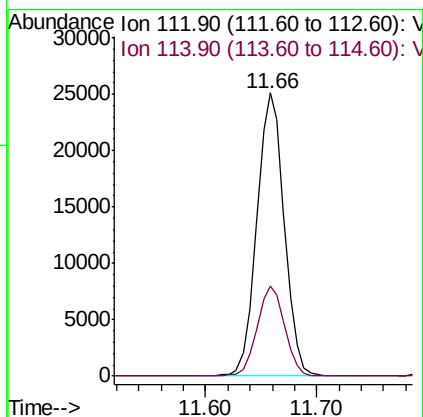
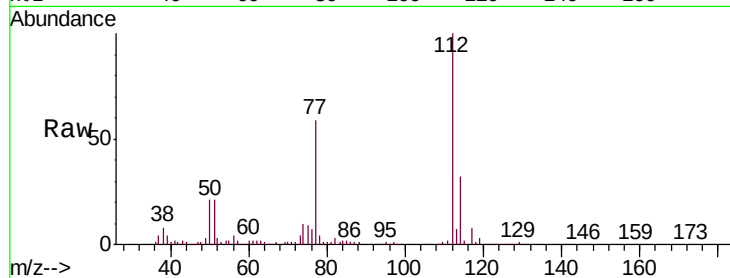




#65
Chlorobenzene
Concen: 47.294 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

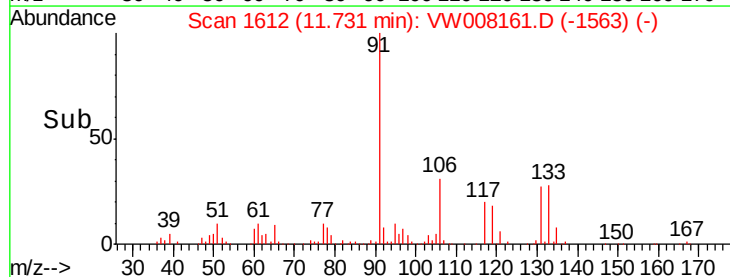
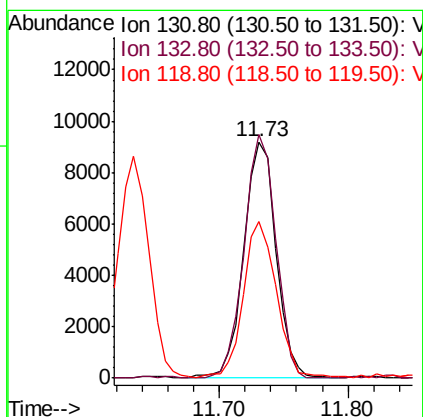
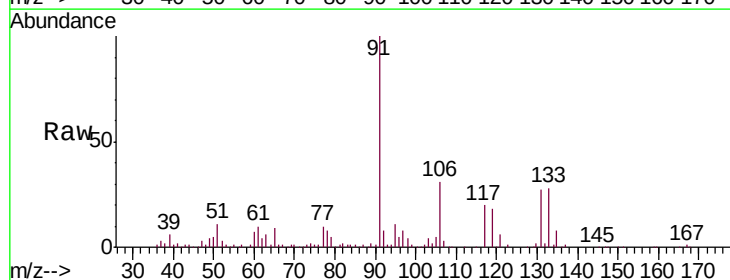
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

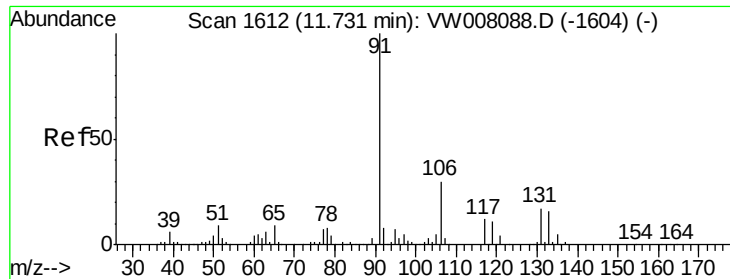
Tgt Ion:112 Resp: 43046
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.821 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion:131 Resp: 15933
Ion Ratio Lower Upper
131 100
133 101.0 47.9 143.7
119 68.3 32.5 97.4

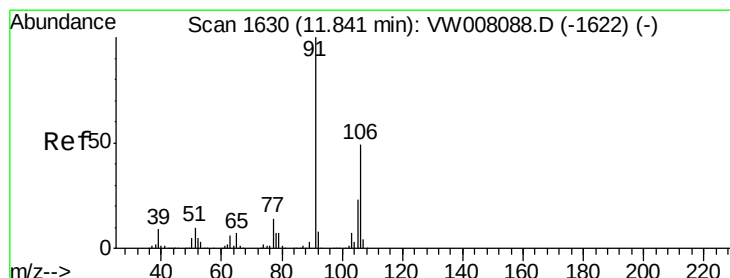
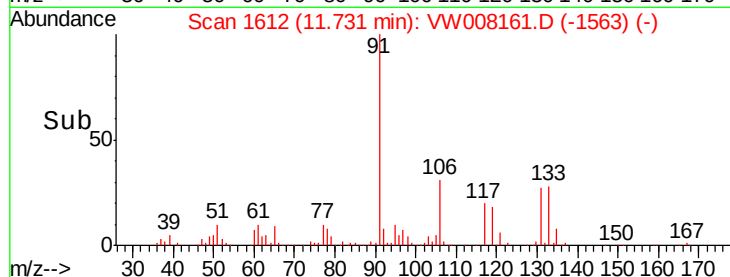
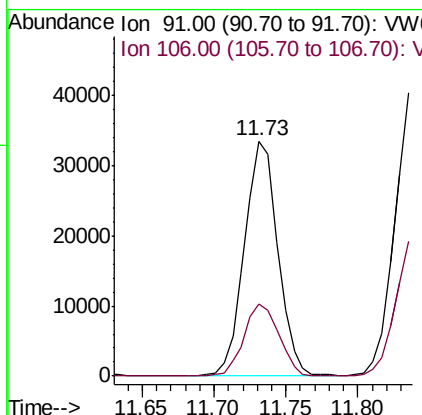
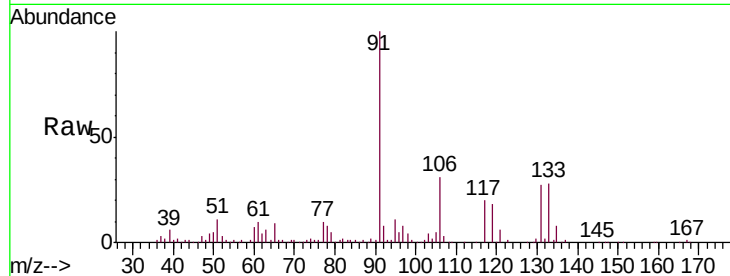




#67
Ethyl Benzene
Concen: 32.125 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

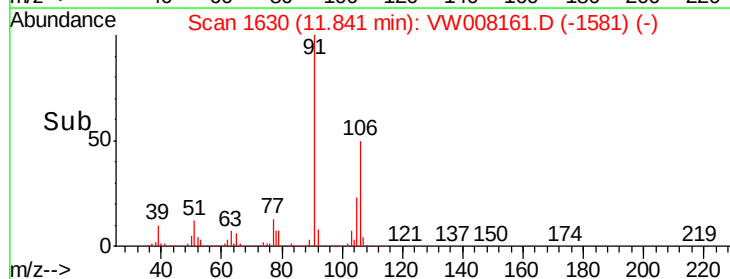
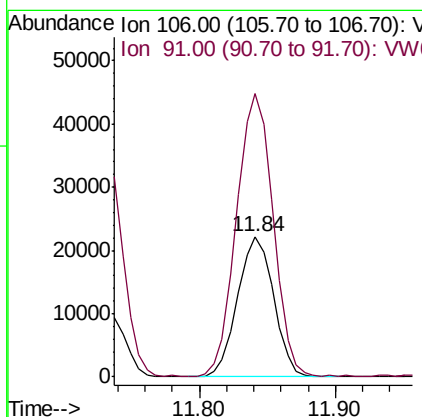
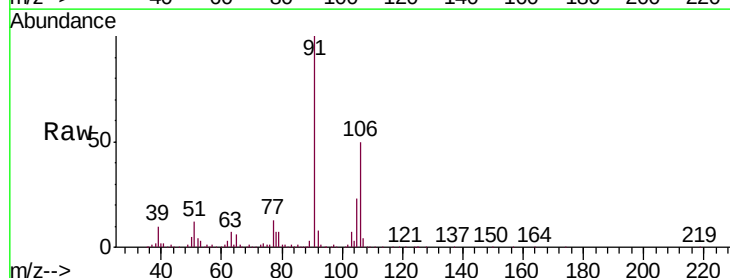
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

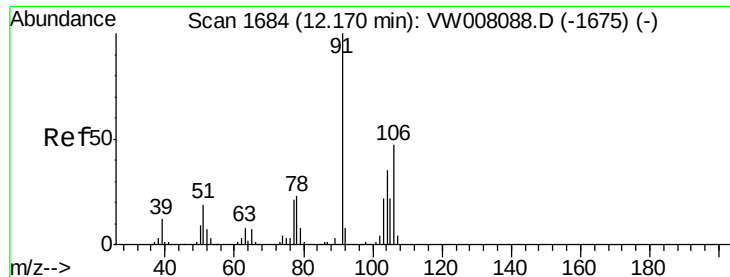
Tgt Ion: 91 Resp: 53501
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#68
m/p-Xylenes
Concen: 64.824 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion: 106 Resp: 41206
Ion Ratio Lower Upper
106 100
91 204.1 162.4 243.6

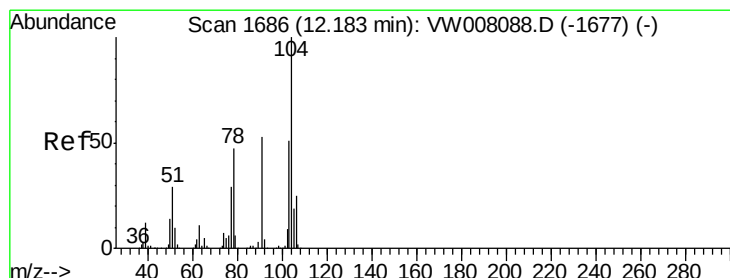
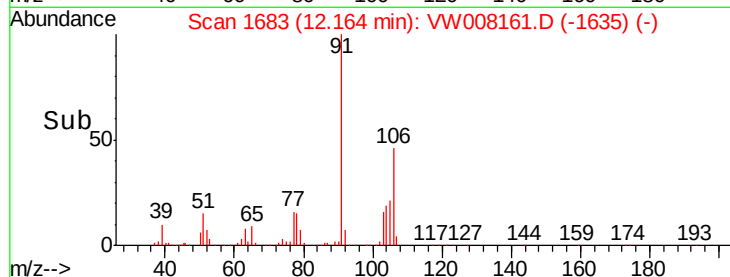
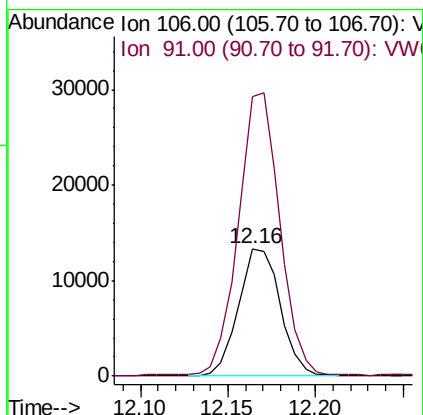
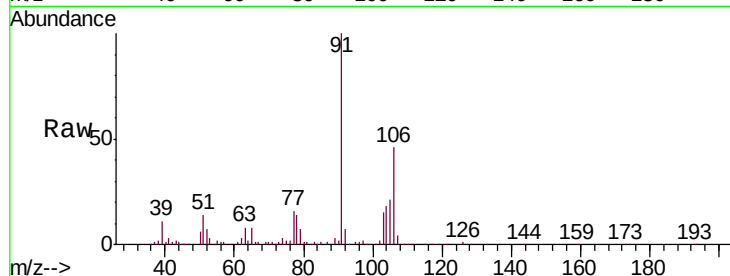




#69
o-Xylene
Concen: 37.437 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

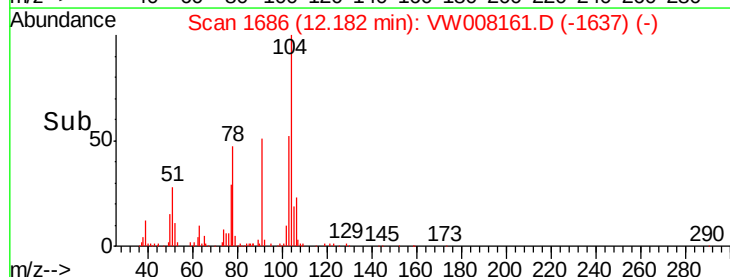
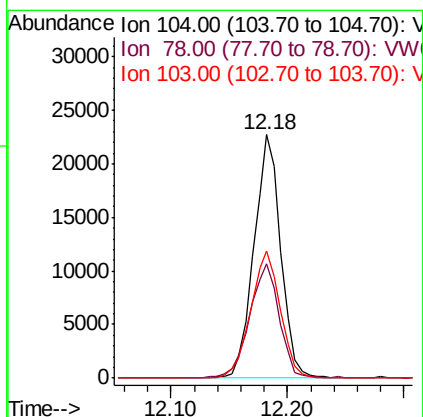
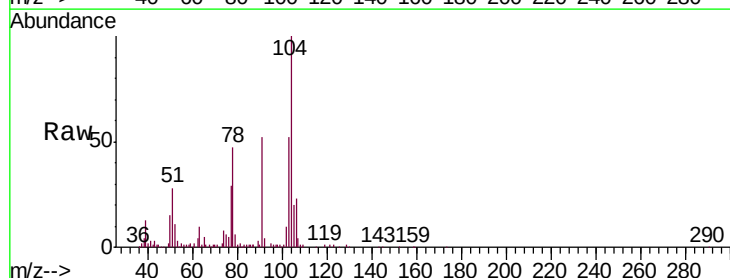
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MS

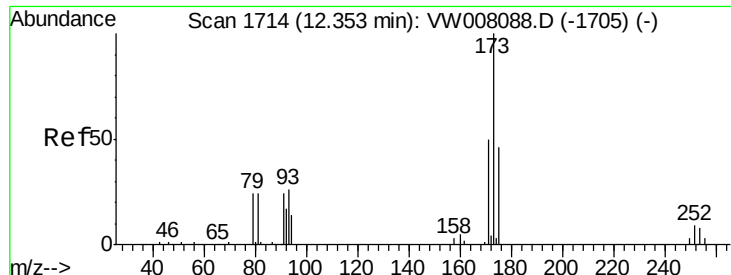
Tgt Ion:106 Resp: 22037
Ion Ratio Lower Upper
106 100
91 221.0 107.8 323.6



#70
Styrene
Concen: 39.455 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008161.D
Acq: 10 Jan 2019 20:47

Tgt Ion:104 Resp: 36378
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 57.8 43.8 65.8





#71

Bromoform

Concen: 66.442 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

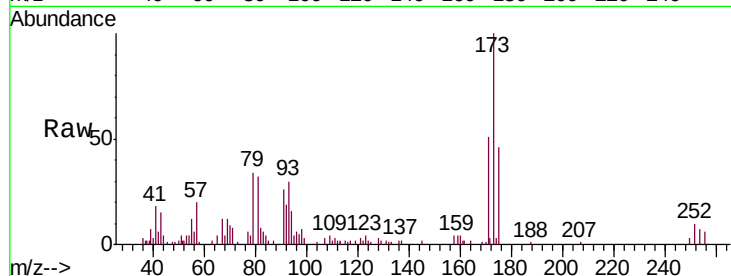
Tgt Ion:173 Resp: 8803

Ion Ratio Lower Upper

173 100

175 48.5 23.3 69.8

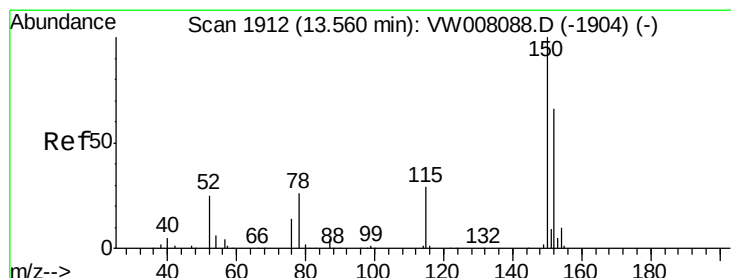
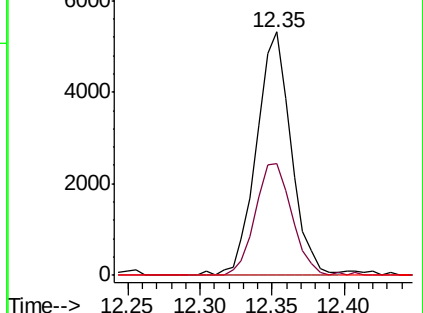
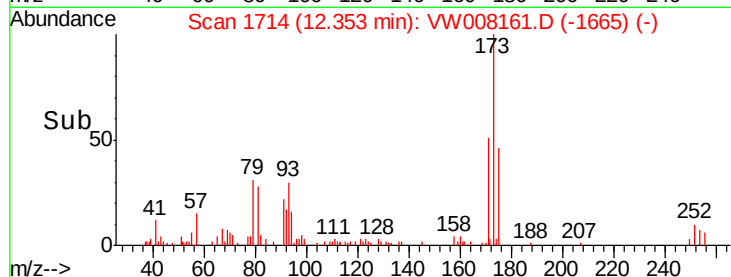
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

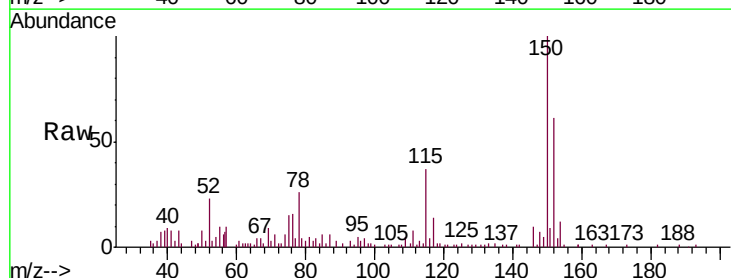
Tgt Ion:152 Resp: 10515

Ion Ratio Lower Upper

152 100

115 62.7 30.8 92.4

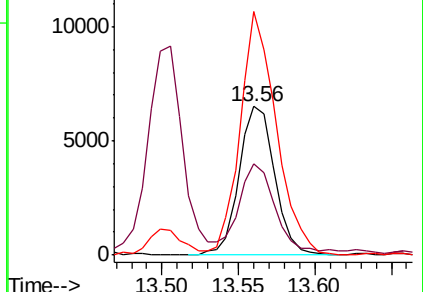
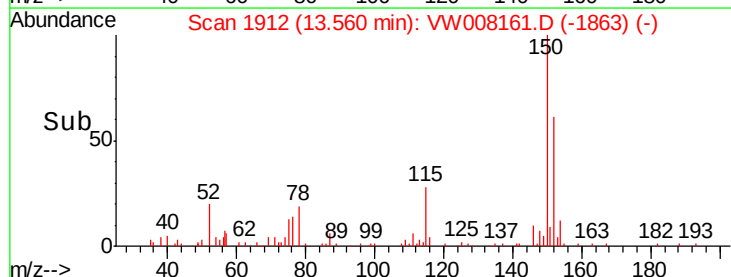
150 167.0 0.0 350.2

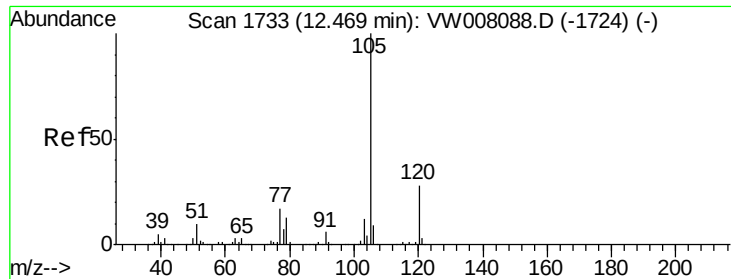


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 92.811 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

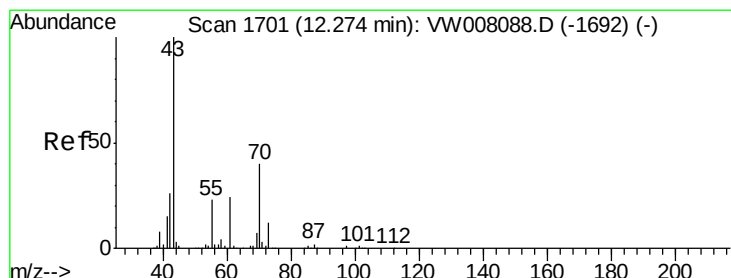
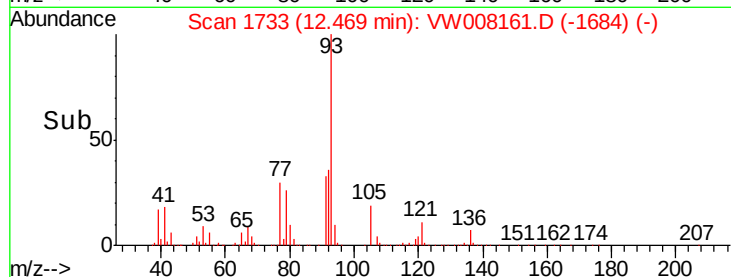
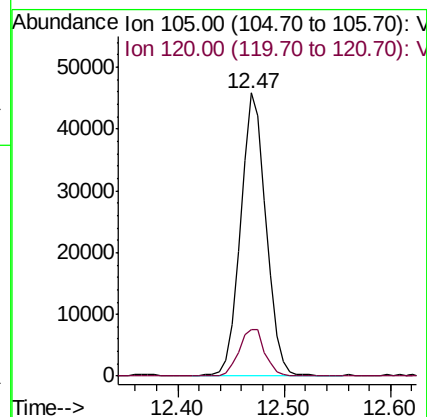
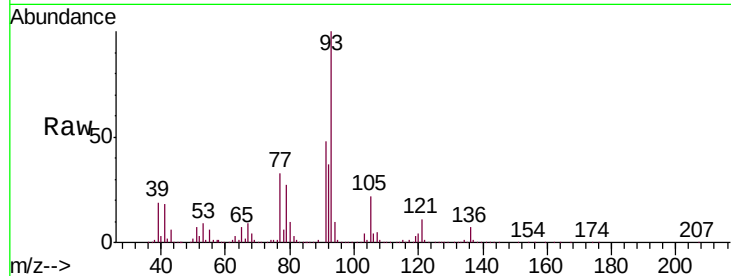
CPSB-07(15-20)MS

Tgt Ion:105 Resp: 76618

Ion Ratio Lower Upper

105 100

120 17.0 13.6 40.8



#74

N-ethyl acetate

Concen: 158.240 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Tgt Ion: 43 Resp: 28929

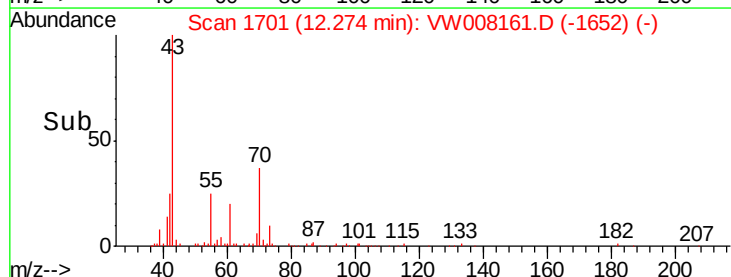
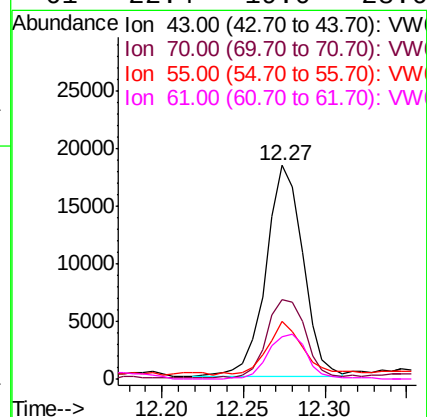
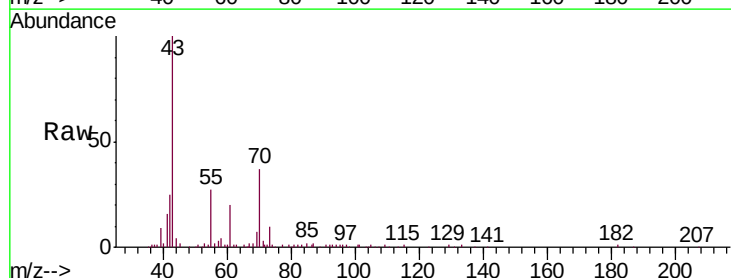
Ion Ratio Lower Upper

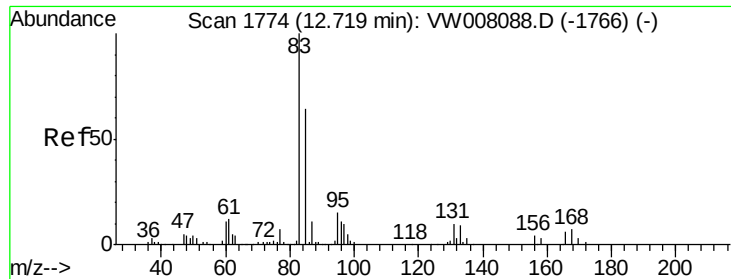
43 100

70 38.0 32.4 48.6

55 24.9 18.7 28.1

61 22.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 150.715 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

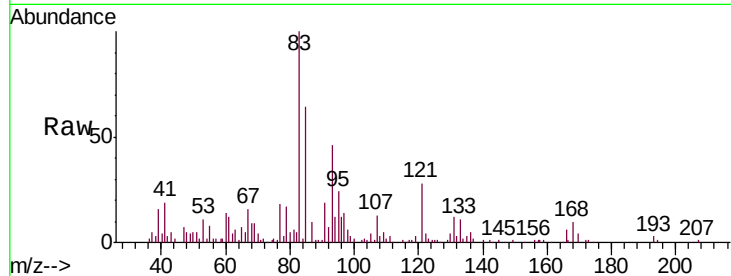
Tgt Ion: 83 Resp: 19915

Ion Ratio Lower Upper

83 100

131 11.5 5.3 16.1

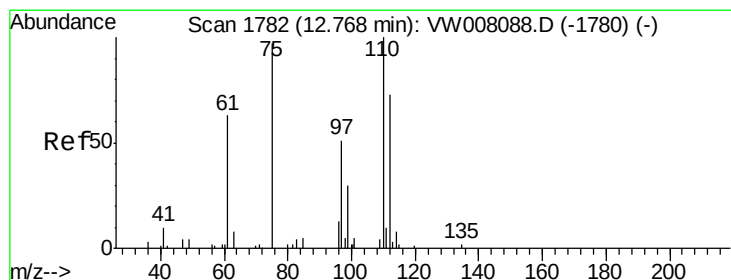
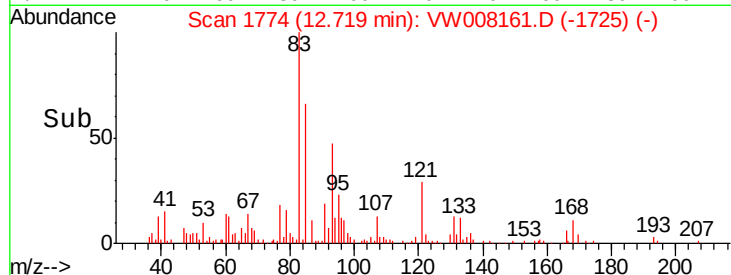
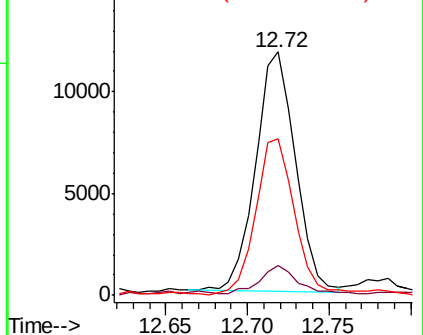
85 66.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 243.481 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008161.D

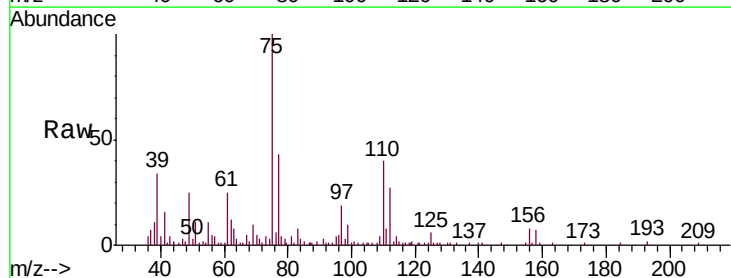
Acq: 10 Jan 2019 20:47

Tgt Ion: 75 Resp: 23339

Ion Ratio Lower Upper

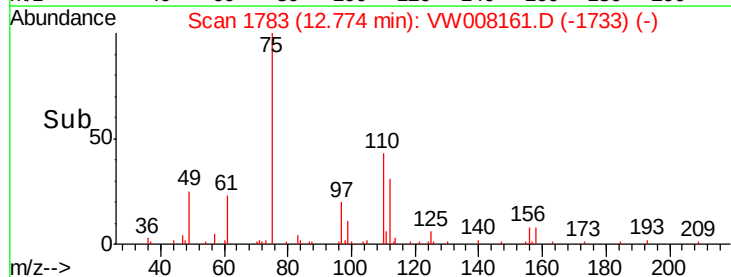
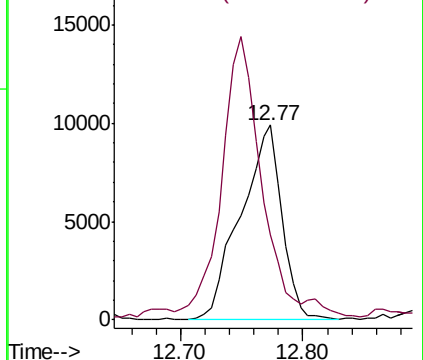
75 100

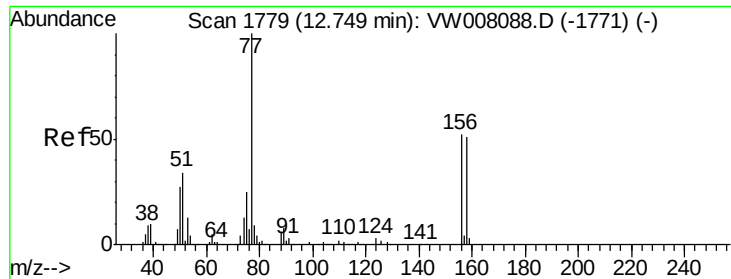
77 0.0 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 76.998 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

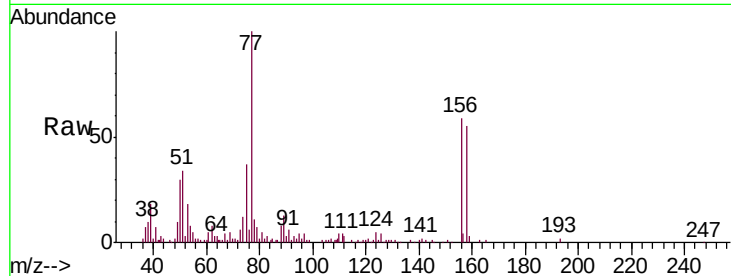
Tgt Ion:156 Resp: 13431

Ion Ratio Lower Upper

156 100

77 221.5 104.2 312.5

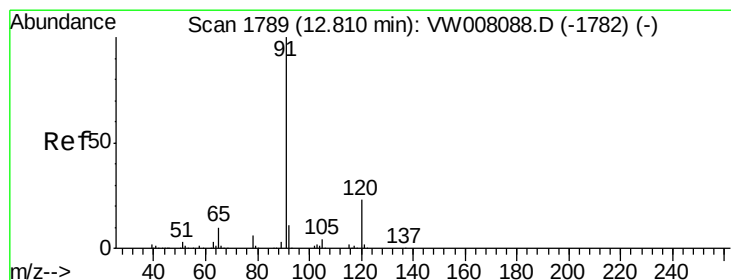
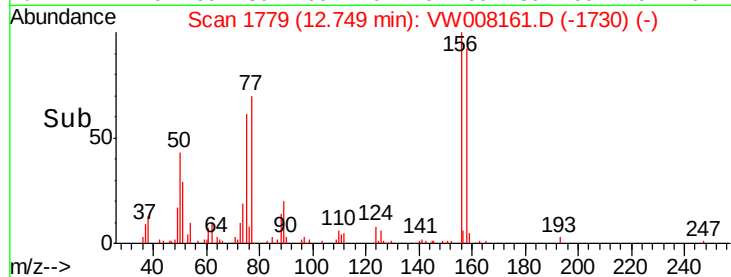
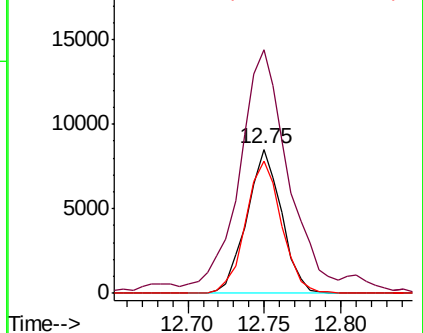
158 94.8 47.9 143.6



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: 36.398 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008161.D

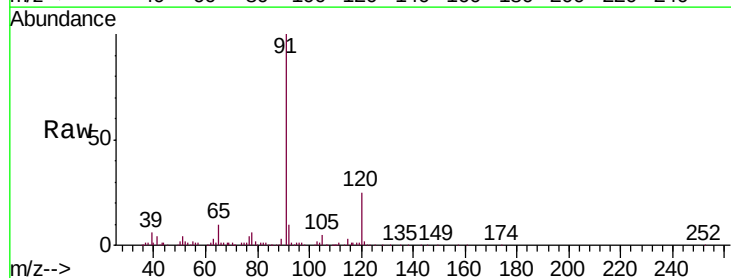
Acq: 10 Jan 2019 20:47

Tgt Ion: 91 Resp: 36817

Ion Ratio Lower Upper

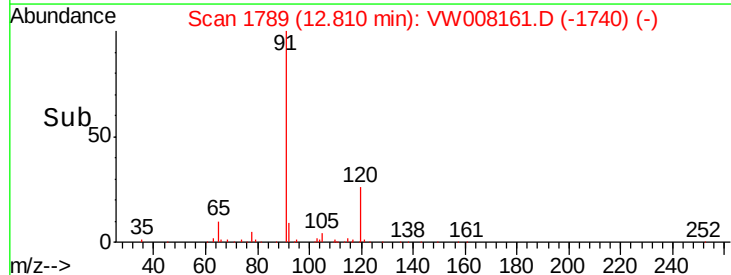
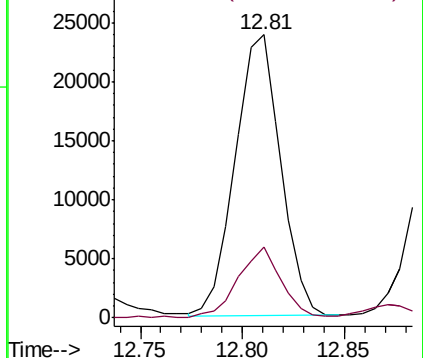
91 100

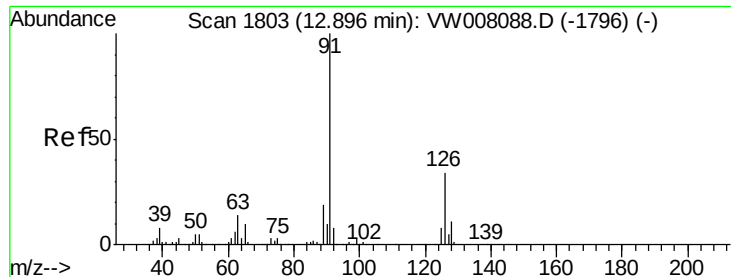
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

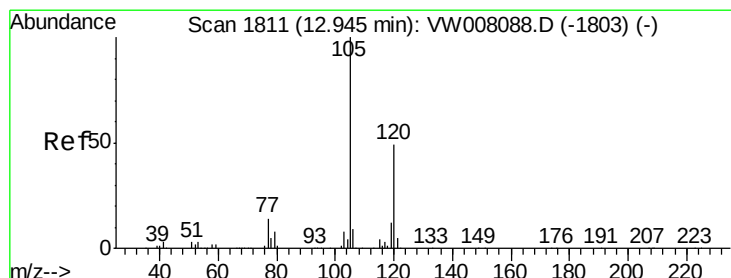
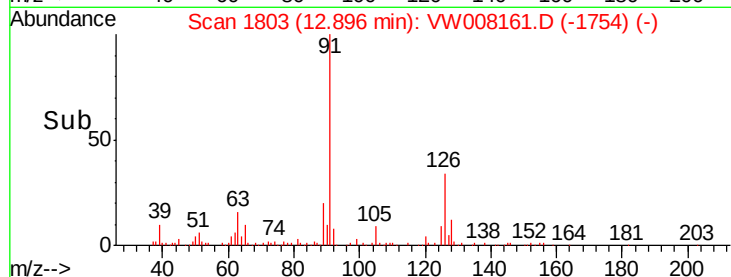
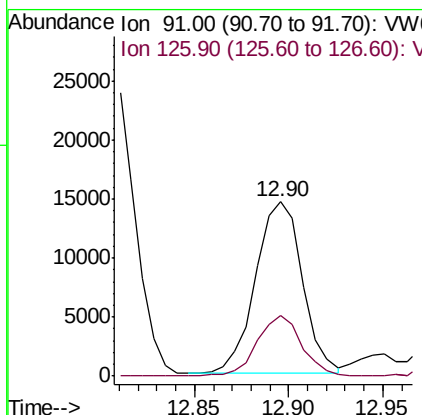
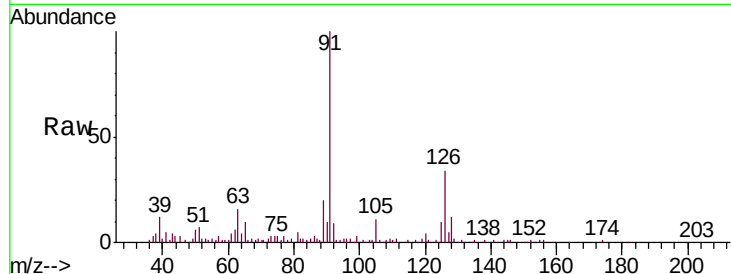




#79
 2-Chlorotoluene
 Concen: 44.558 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

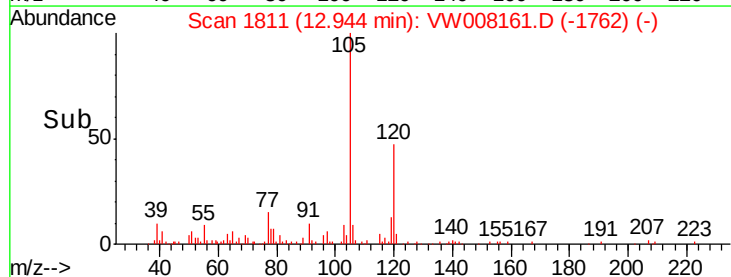
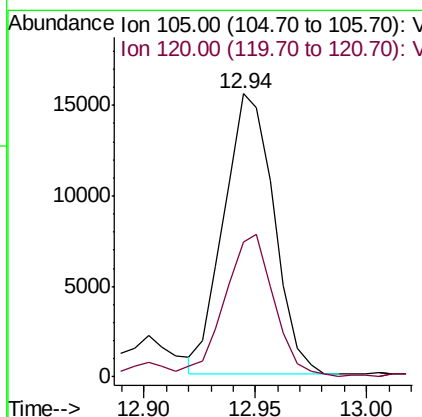
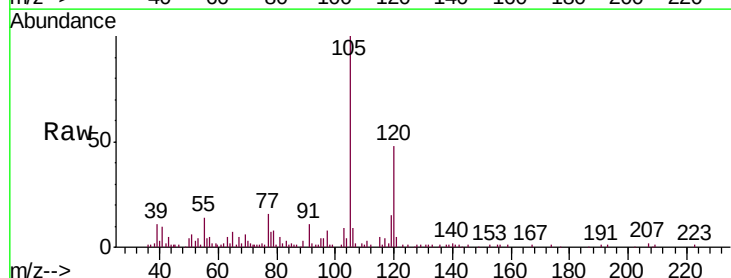
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

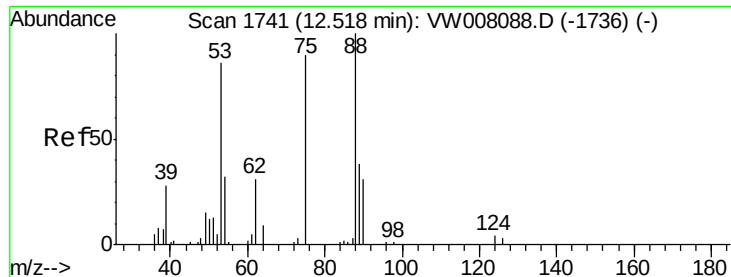
Tgt Ion: 91 Resp: 25145
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 35.530 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion: 105 Resp: 24103
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 115.177 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

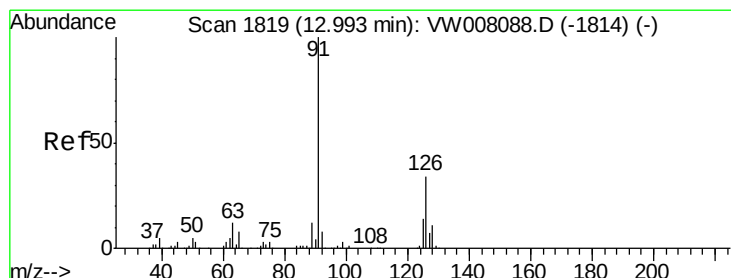
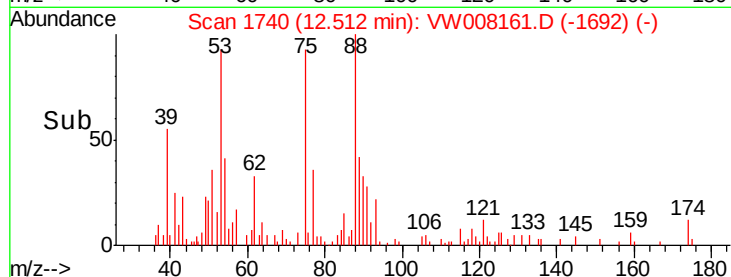
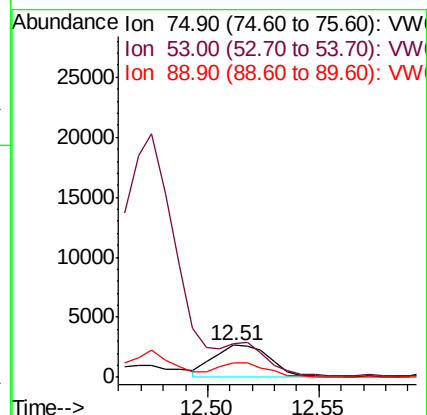
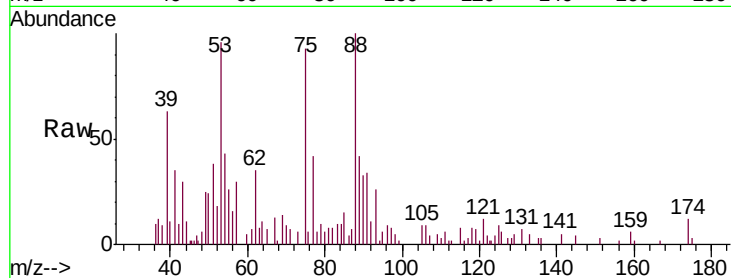
Tgt Ion: 75 Resp: 4741

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 42.2 35.4 53.2



#82

4-Chlorotoluene

Concen: 46.538 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008161.D

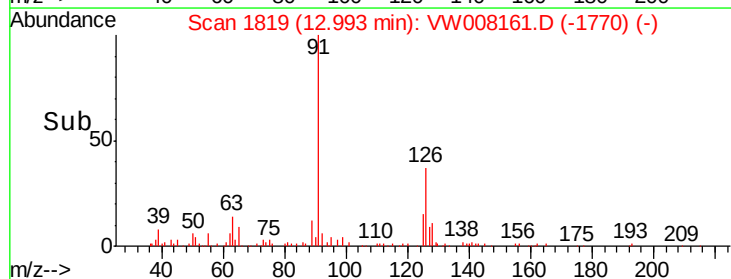
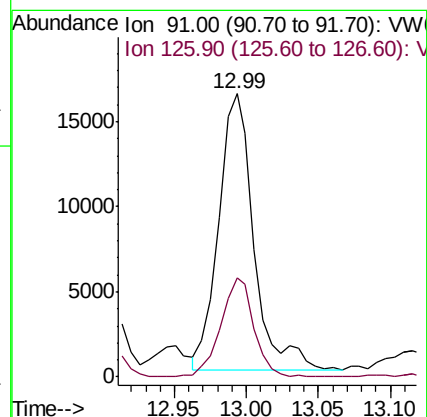
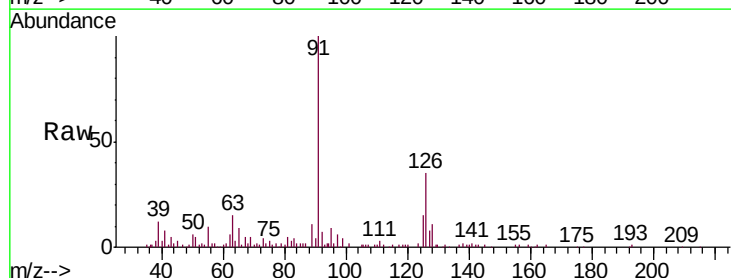
Acq: 10 Jan 2019 20:47

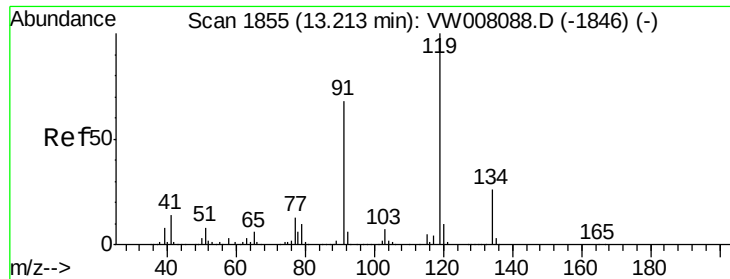
Tgt Ion: 91 Resp: 27660

Ion Ratio Lower Upper

91 100

126 33.9 16.5 49.5





#83

tert-Butylbenzene

Concen: 24.450 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

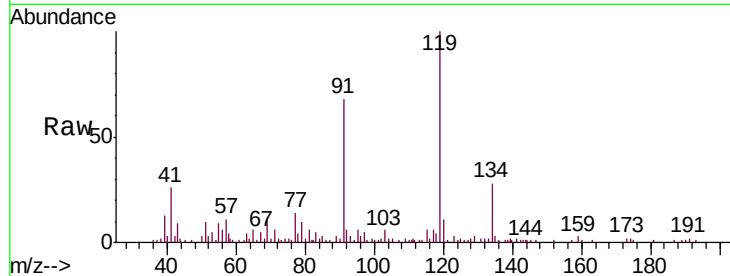
Tgt Ion:119 Resp: 14674

Ion Ratio Lower Upper

119 100

91 71.9 33.9 101.6

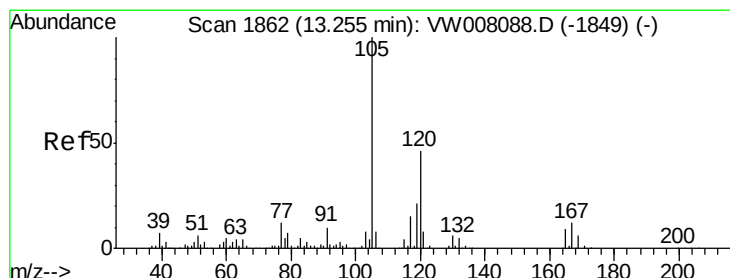
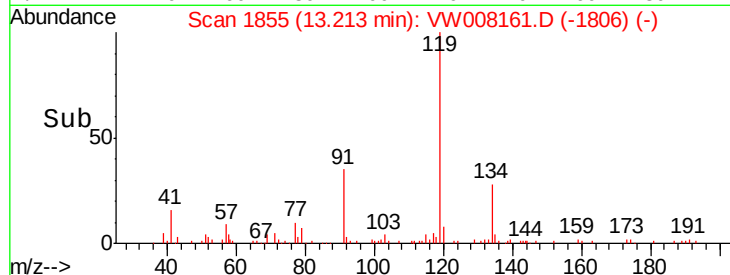
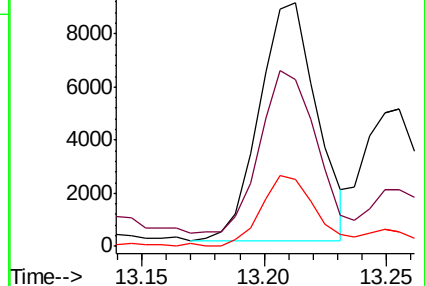
134 28.2 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 45.503 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008161.D

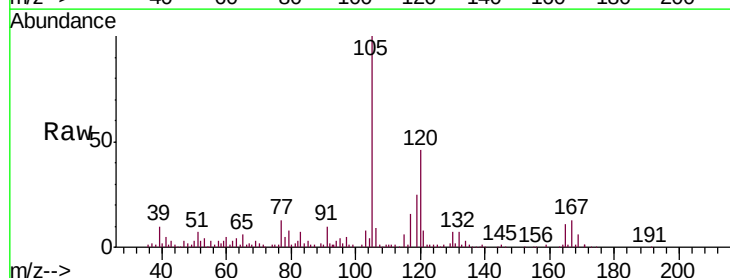
Acq: 10 Jan 2019 20:47

Tgt Ion:105 Resp: 31837

Ion Ratio Lower Upper

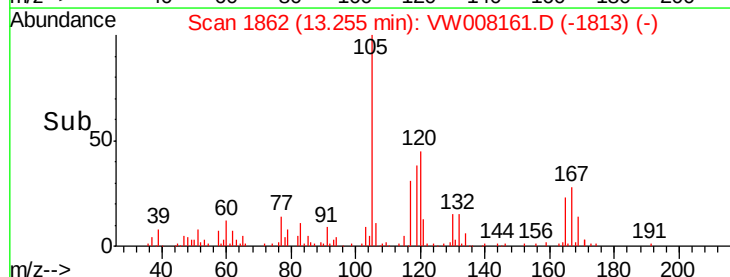
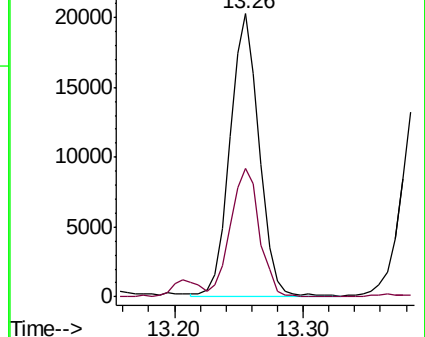
105 100

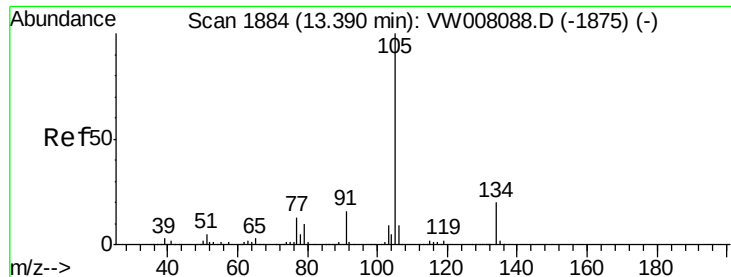
120 45.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

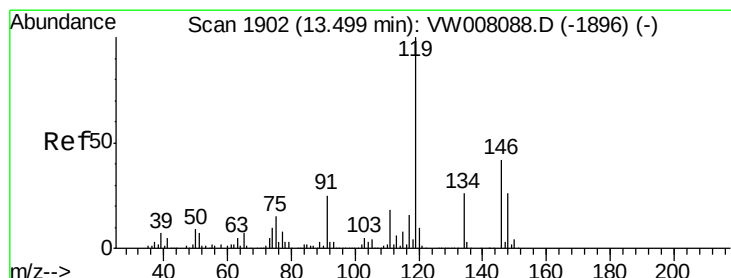
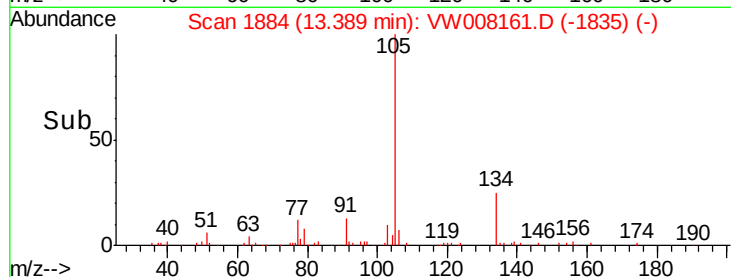
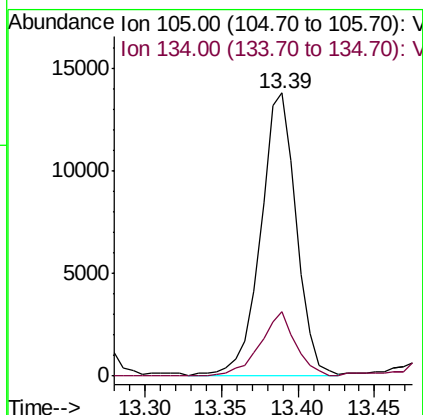
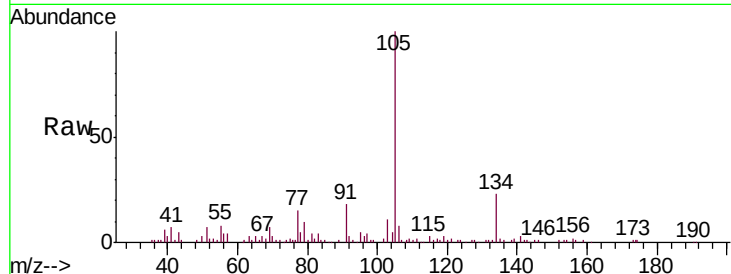




#85
 sec-Butylbenzene
 Concen: 25.283 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

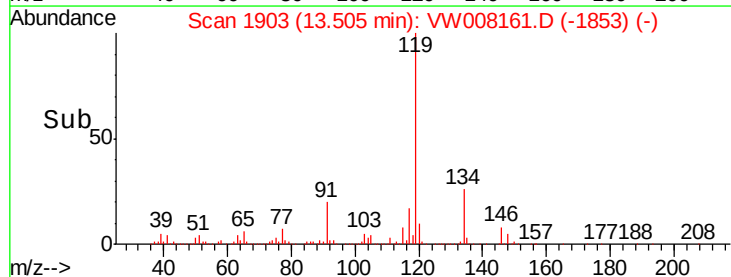
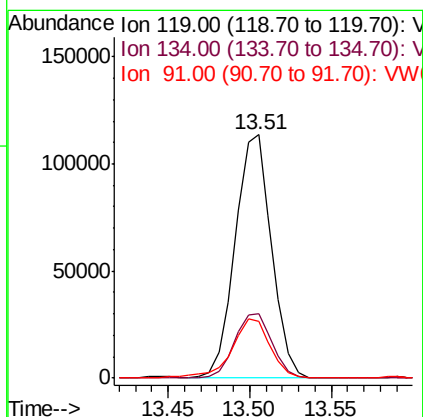
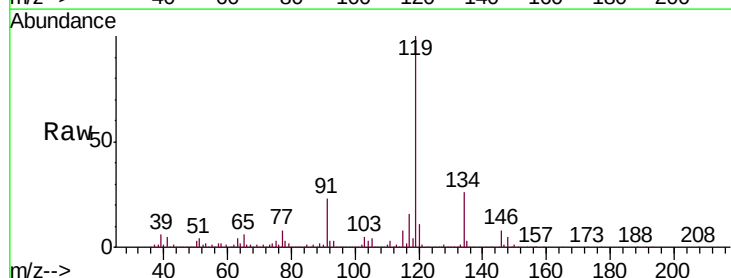
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

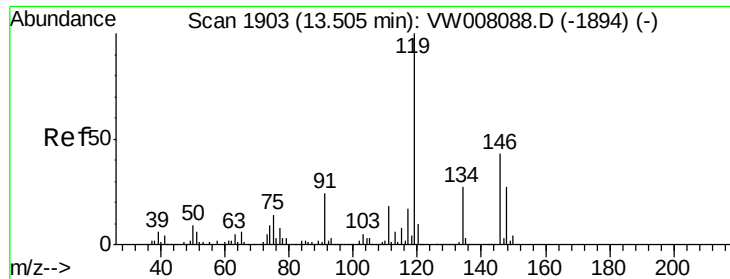
Tgt Ion:105 Resp: 22227
 Ion Ratio Lower Upper
 105 100
 134 22.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 230.737 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion:119 Resp: 175170
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 25.6 12.3 36.9

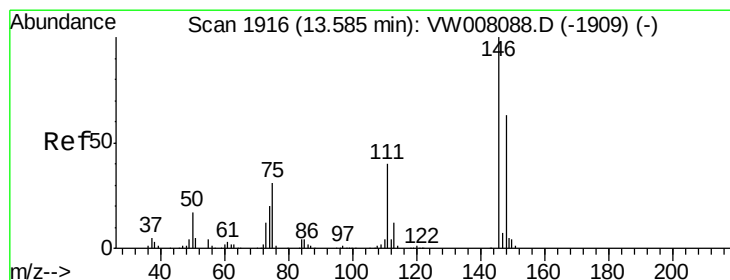
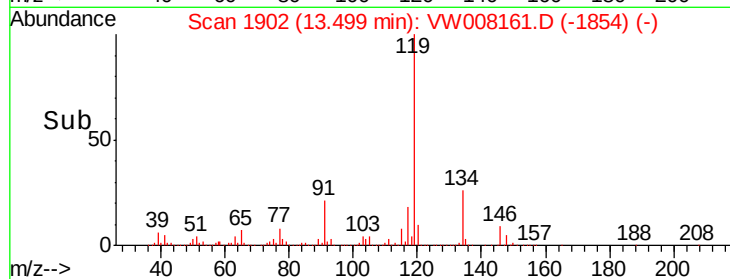
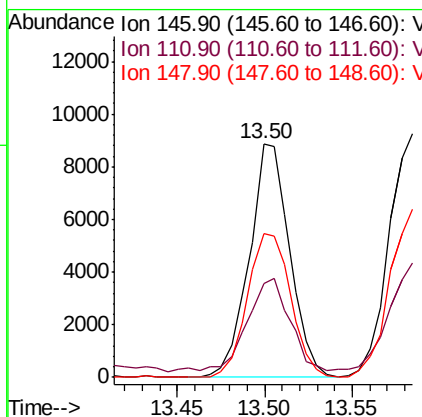
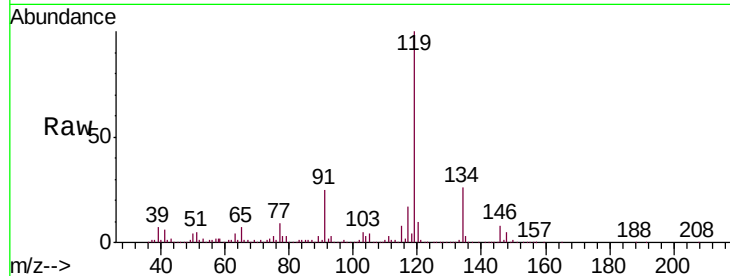




#87
 1,3-Dichlorobenzene
 Concen: 40.411 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

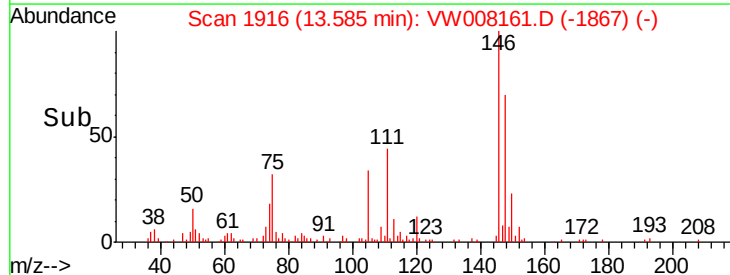
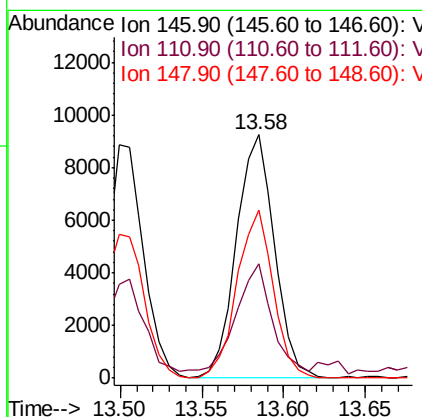
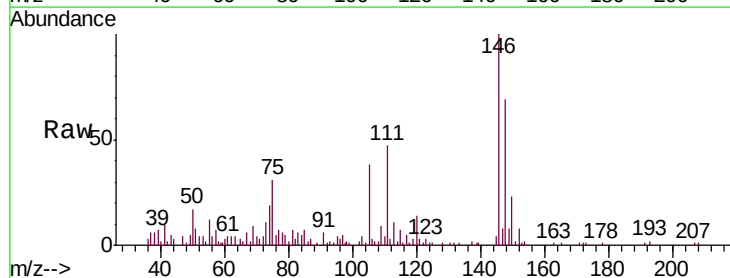
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

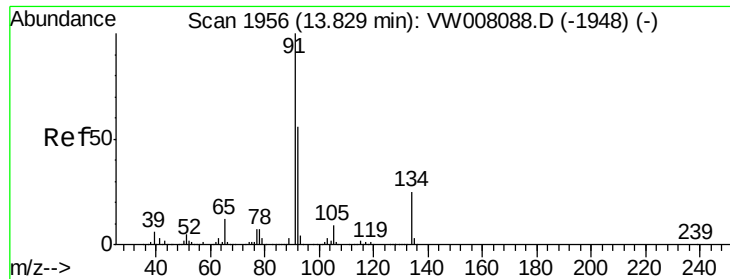
Tgt Ion:146 Resp: 14299
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 65.4 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 42.252 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion:146 Resp: 15000
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.5
 148 65.7 31.6 94.8





#89

n-Butylbenzene

Concen: 19.404 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

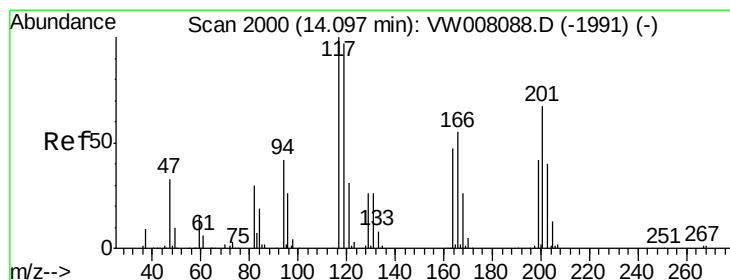
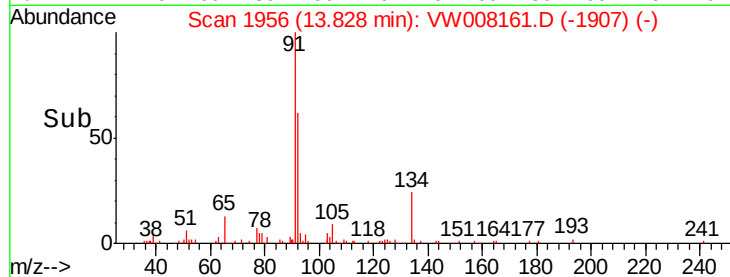
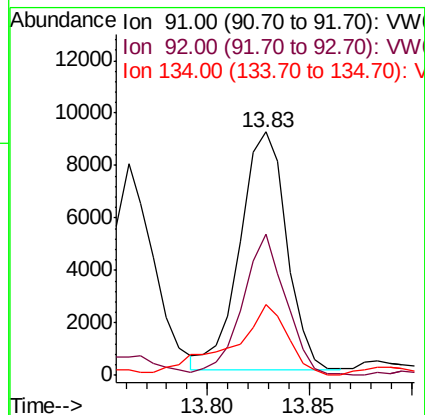
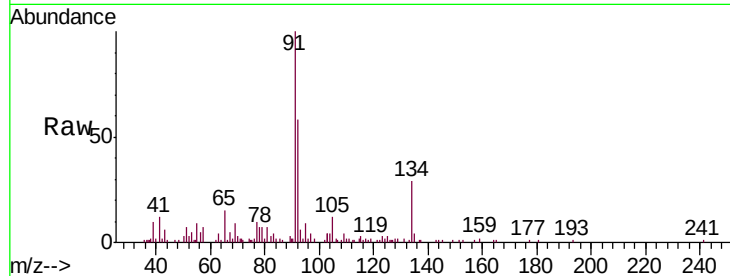
Tgt Ion: 91 Resp: 14428

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.2

134 36.4 12.6 37.8



#90

Hexachloroethane

Concen: 25.064 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008161.D

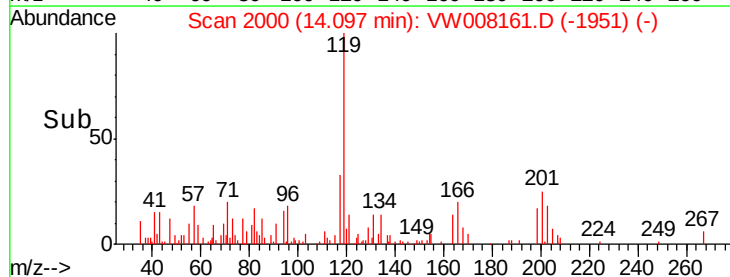
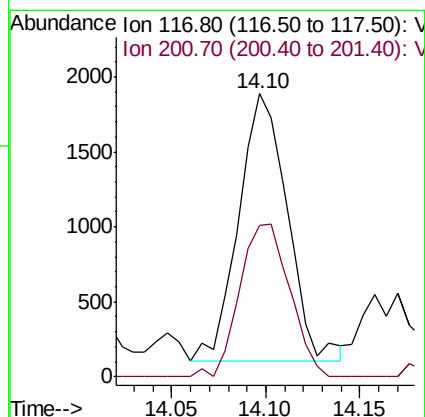
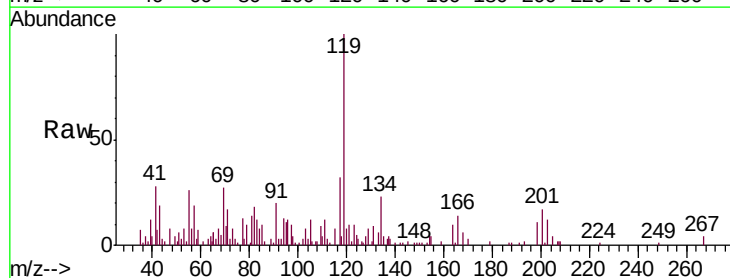
Acq: 10 Jan 2019 20:47

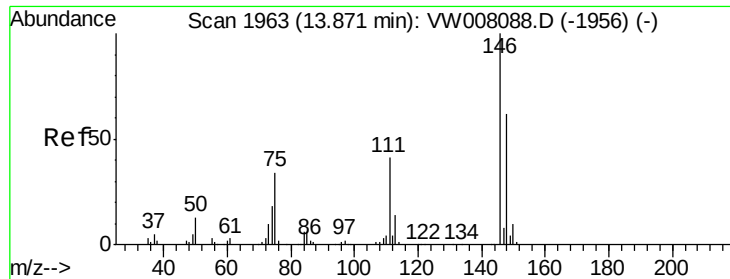
Tgt Ion: 117 Resp: 3214

Ion Ratio Lower Upper

117 100

201 58.3 33.0 98.9

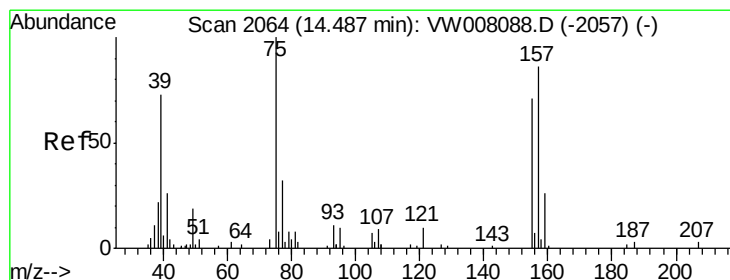
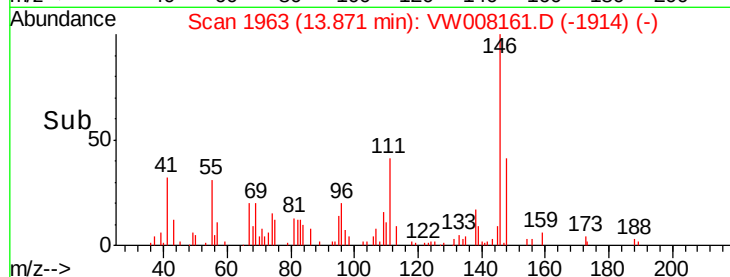
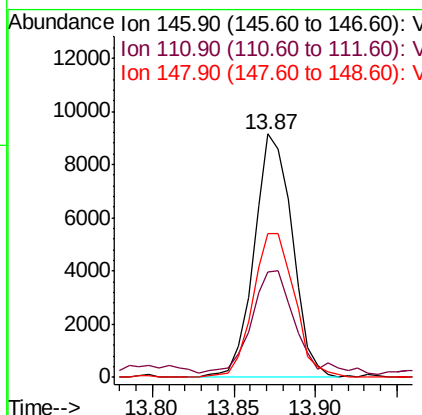
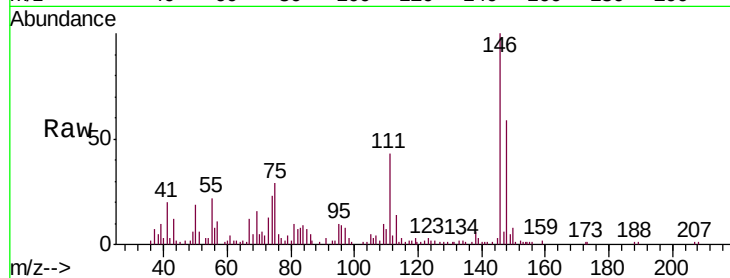




#91
 1,2-Dichlorobenzene
 Concen: 47.795 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

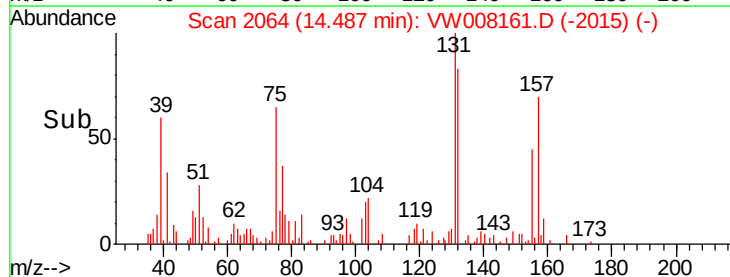
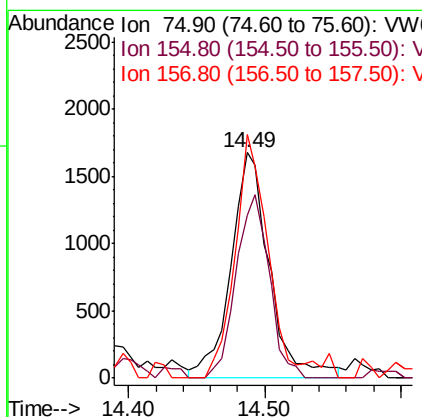
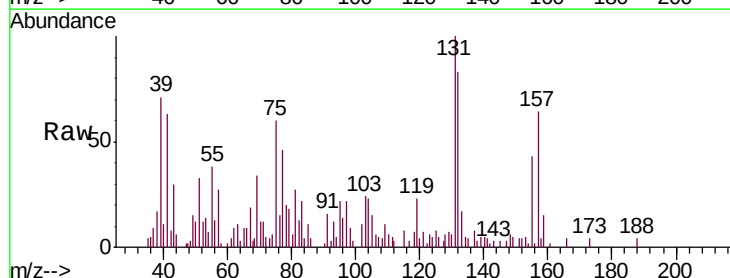
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

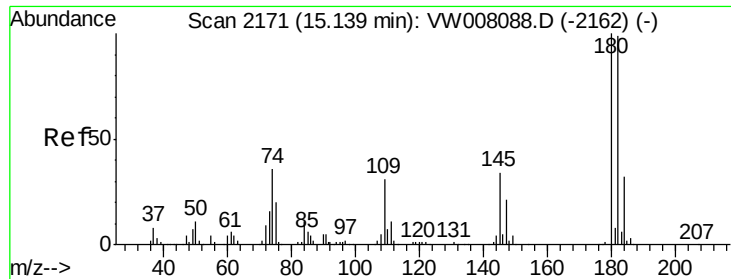
Tgt Ion:146 Resp: 14863
 Ion Ratio Lower Upper
 146 100
 111 49.0 21.3 63.7
 148 64.6 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 154.902 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion: 75 Resp: 3294
 Ion Ratio Lower Upper
 75 100
 155 70.3 38.6 115.7
 157 91.9 47.5 142.6

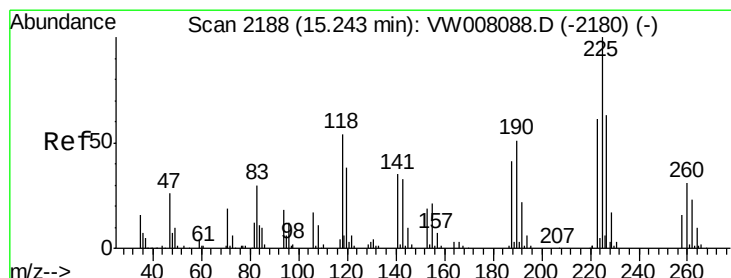
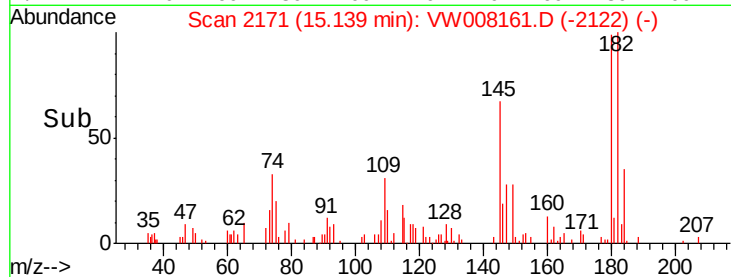
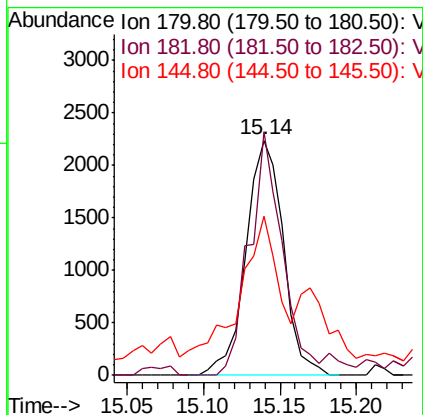
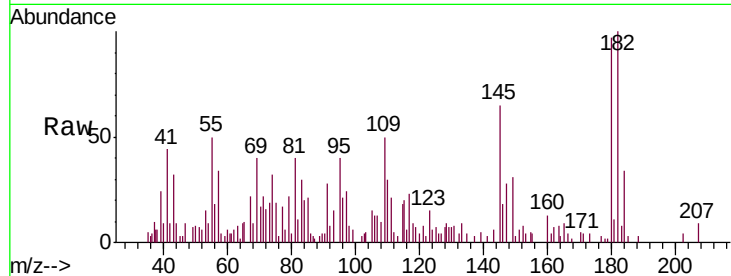




#93
 1,2,4-Trichlorobenzene
 Concen: 18.439 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

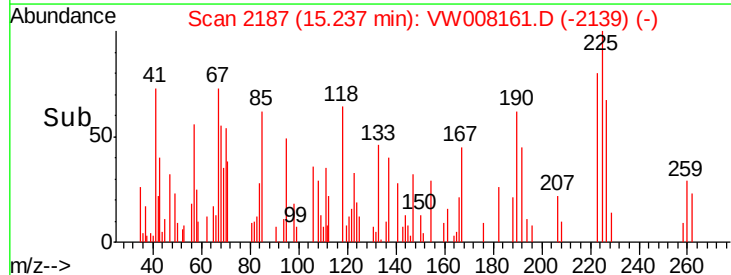
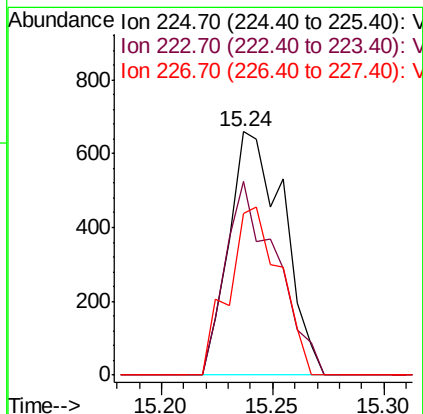
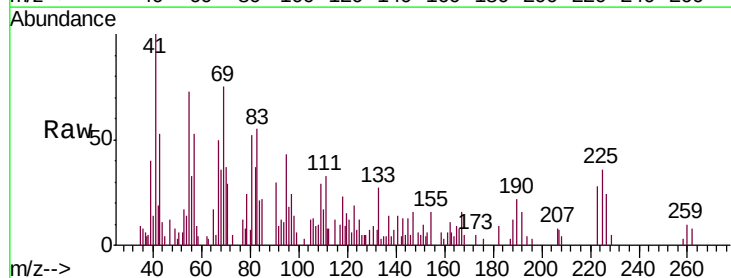
Instrument :
 MSVOA_W
 ClientSampleId :
 CPSB-07(15-20)MS

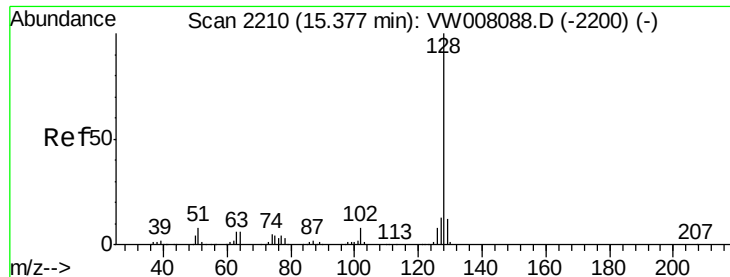
Tgt Ion:180 Resp: 3807
 Ion Ratio Lower Upper
 180 100
 182 91.6 48.6 145.9
 145 72.6 16.6 49.7#



#94
 Hexachlorobutadiene
 Concen: 10.208 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW008161.D
 Acq: 10 Jan 2019 20:47

Tgt Ion:225 Resp: 1128
 Ion Ratio Lower Upper
 225 100
 223 74.0 31.4 94.3
 227 65.2 32.0 96.2





#95

Naphthalene

Concen: 58.964 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

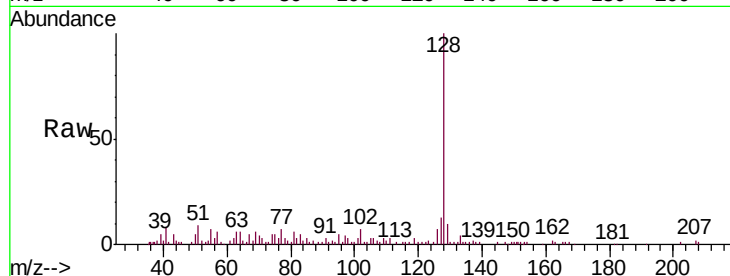
Tgt Ion:128 Resp: 22731

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

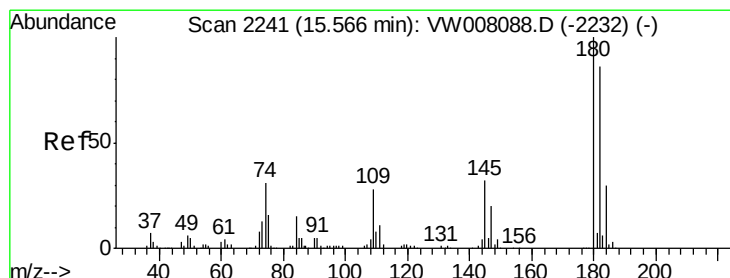
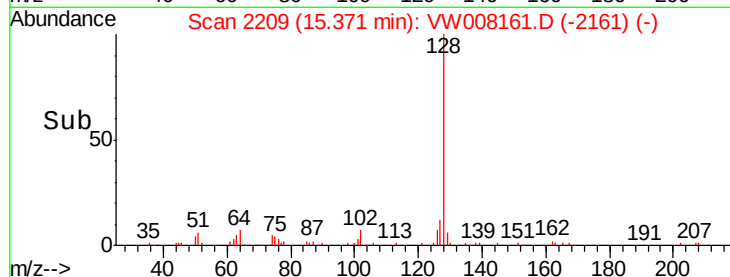
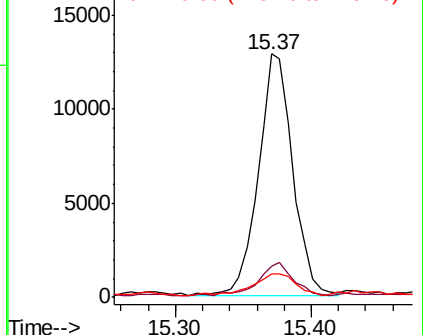
129 12.1 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.170 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW008161.D

Acq: 10 Jan 2019 20:47

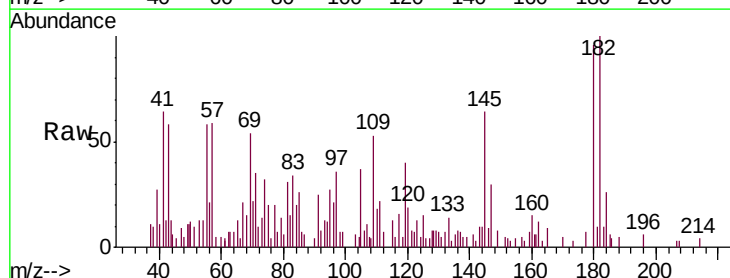
Tgt Ion:180 Resp: 3550

Ion Ratio Lower Upper

180 100

182 90.2 46.5 139.3

145 51.8 17.4 52.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

