

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008200.D
 Acq On : 11 Jan 2019 17:59
 Operator : SY/VA
 Sample : K1088-08MS
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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 1/14/2019 2:41:57 PM

Quant Time: Jan 12 00:41:44 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	28010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	52318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	33921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	17589	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	
35) Dibromofluoromethane	7.88	113	16692	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.32	98	47234	36.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.78%	
62) 4-Bromofluorobenzene	12.62	95	13469	29.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12723	55.657	ug/l	94
3) Chloromethane	2.21	50	19602	66.095	ug/l	100
4) Vinyl Chloride	2.36	62	25155	64.988	ug/l	95
5) Bromomethane	2.78	94	15646	53.960	ug/l	98
6) Chloroethane	2.92	64	15716	53.958	ug/l	99
7) Trichlorofluoromethane	3.26	101	25565	81.241	ug/l	91
8) Diethyl Ether	3.68	74	11644	65.454	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	10650	34.088	ug/l	96
10) Methyl Iodide	4.26	142	28218	61.971	ug/l	99
11) Tert butyl alcohol	5.17	59	7406	400.324	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	16752	54.613	ug/l	93
13) Acrolein	3.89	56	5081	242.386	ug/l	96
14) Allyl chloride	4.67	41	30911	55.504	ug/l	98
15) Acrylonitrile	5.37	53	23342	344.643	ug/l	96
16) Acetone	4.12	43	24148	443.079	ug/l	98
17) Carbon Disulfide	4.37	76	48728	50.853	ug/l #	94
18) Methyl Acetate	4.67	43	16216	81.501	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	41860	83.943	ug/l	97
20) Methylene Chloride	4.92	84	21678	72.062	ug/l	89
21) trans-1,2-Dichloroethene	5.42	96	18783	56.348	ug/l	85
22) Diisopropyl ether	6.31	45	64669	60.886	ug/l	98
23) Vinyl Acetate	6.25	43	160743	288.156	ug/l	99
24) 1,1-Dichloroethane	6.21	63	36425	58.858	ug/l	95
25) 2-Butanone	7.17	43	30703	350.532	ug/l	97
26) 2,2-Dichloropropane	7.17	77	26818	63.955	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	22335	61.412	ug/l	92
28) Bromochloromethane	7.51	49	14871	60.752	ug/l	92
29) Tetrahydrofuran	7.52	42	19723	337.096	ug/l	95
30) Chloroform	7.68	83	34721	58.942	ug/l	97
31) Cyclohexane	7.95	56	12421	18.748	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	25575	49.897	ug/l	99
36) 1,1-Dichloropropene	8.08	75	20421	37.892	ug/l	96
37) Ethyl Acetate	7.26	43	13230	61.275	ug/l	97
38) Carbon Tetrachloride	8.07	117	17951	36.392	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	15398	22.533	ug/l	94
40) Benzene	8.32	78	77022	52.692	ug/l	96
41) Methacrylonitrile	7.49	41	8696	63.758	ug/l	95
42) 1,2-Dichloroethane	8.40	62	23883	58.093	ug/l	94
43) Isopropyl Acetate	8.42	43	27370	63.402	ug/l	96
44) Trichloroethene	9.09	130	16456	43.978	ug/l	97
45) 1,2-Dichloropropane	9.37	63	19455	53.677	ug/l	100
46) Dibromomethane	9.46	93	11091	62.309	ug/l	95
47) Bromodichloromethane	9.65	83	24058	53.229	ug/l	100
48) Methyl methacrylate	9.43	41	13414	65.853	ug/l	99
49) 1,4-Dioxane	9.44	88	4205	1468.972	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	64533	308.827	ug/l	99
52) Toluene	10.39	92	36299	38.884	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	24243	51.566	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	27365	49.086	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	14867	59.489	ug/l	96
56) Ethyl methacrylate	10.65	69	19137	61.834	ug/l	99
57) 1,3-Dichloropropane	10.93	76	25994	56.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	44918	280.969	ug/l	96
59) 2-Hexanone	10.97	43	46578	329.617	ug/l	96
60) Dibromochloromethane	11.13	129	15141	55.173	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12650	53.346	ug/l	100
64) Tetrachloroethene	10.86	164	7647	34.640	ug/l	85
65) Chlorobenzene	11.66	112	34662	48.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	14071	60.199	ug/l	94
67) Ethyl Benzene	11.73	91	44491	33.836	ug/l	100
68) m/p-Xylenes	11.84	106	34499	68.738	ug/l	98
69) o-Xylene	12.17	106	18807	40.465	ug/l	99
70) Styrene	12.18	104	31620	43.435	ug/l	96
71) Bromoform	12.35	173	8305	79.390	ug/l #	94
73) Isopropylbenzene	12.47	105	49253	73.195	ug/l	85
74) N-amyl acetate	12.27	43	22048	147.955	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	17785	165.123	ug/l	83
76) 1,2,3-Trichloropropane	12.77	75	10981m	140.541	ug/l	
77) Bromobenzene	12.75	156	10938	76.929	ug/l	87
78) n-propylbenzene	12.81	91	31799	38.568	ug/l	98
79) 2-Chlorotoluene	12.90	91	23688	51.497	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	20893	37.784	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	3896	116.116	ug/l #	94
82) 4-Chlorotoluene	12.99	91	24507	50.586	ug/l	95
83) tert-Butylbenzene	13.21	119	14536	29.714	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	26850	47.079	ug/l	100
85) sec-Butylbenzene	13.39	105	18691	26.083	ug/l	87
86) p-Isopropyltoluene	13.50	119	75595	122.160	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	12966	44.955	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	12419	42.917	ug/l	93
89) n-Butylbenzene	13.83	91	12618	20.819	ug/l	95
90) Hexachloroethane	14.10	117	3341	31.964	ug/l	75
91) 1,2-Dichlorobenzene	13.87	146	12675	50.004	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2349	135.517	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	3750	22.283	ug/l #	70
94) Hexachlorobutadiene	15.24	225	1089	12.090	ug/l	94
95) Naphthalene	15.37	128	16407	52.213	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.56	180	3393	23.651	ug/l #	79

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

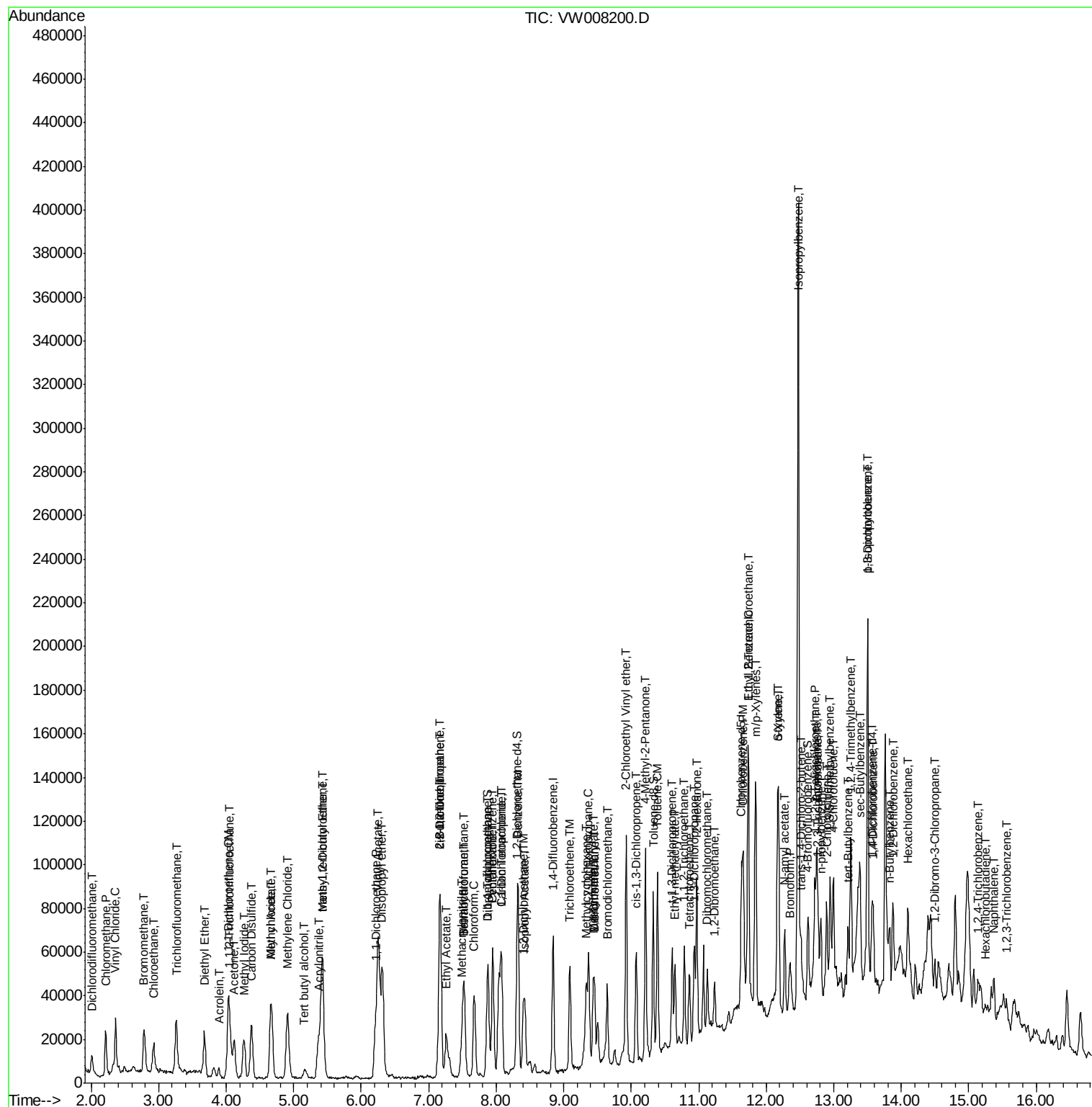
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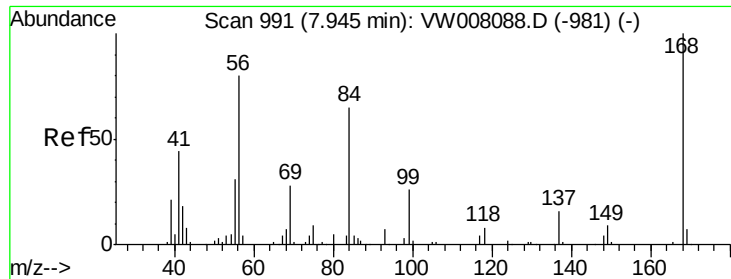
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:168 Resp: 28010

Ion Ratio Lower Upper

168 100

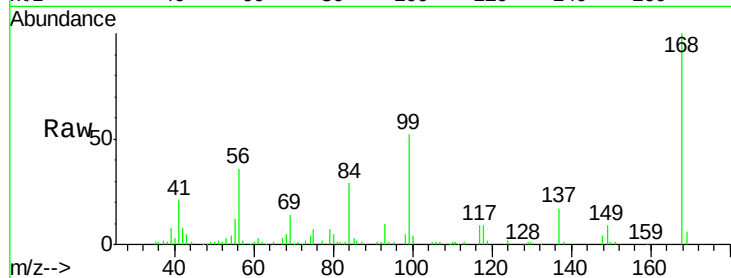
99 51.7 52.6 78.8#

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

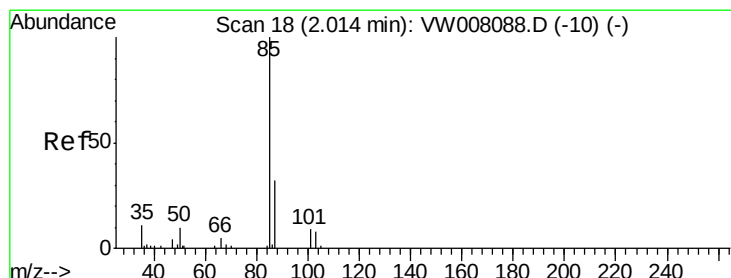
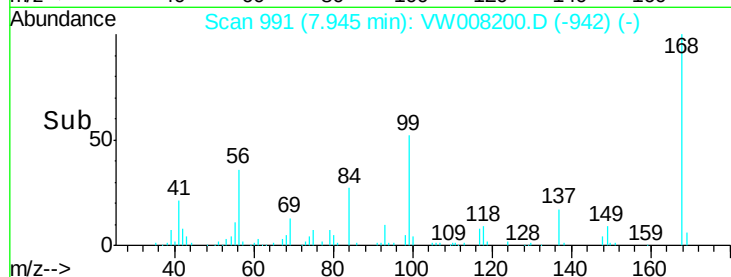
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 55.657 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008200.D

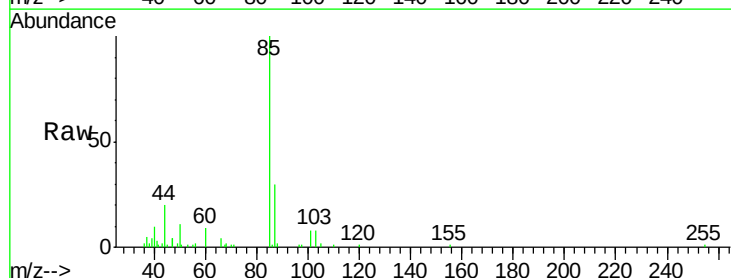
Acq: 11 Jan 2019 17:59

Tgt Ion: 85 Resp: 12723

Ion Ratio Lower Upper

85 100

87 28.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

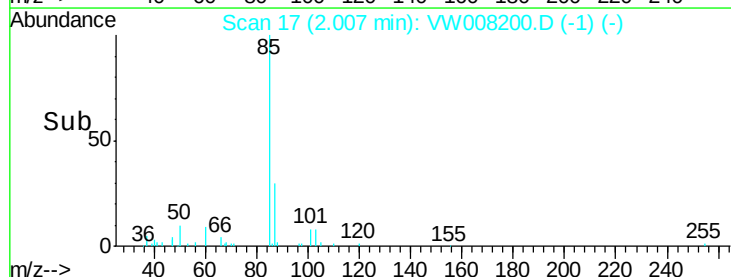
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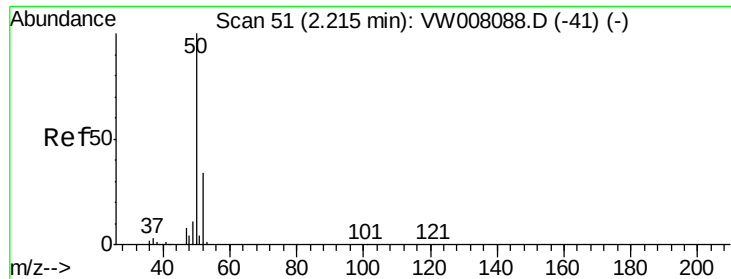
1000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 66.095 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 50 Resp: 19602

Ion Ratio Lower Upper

50 100

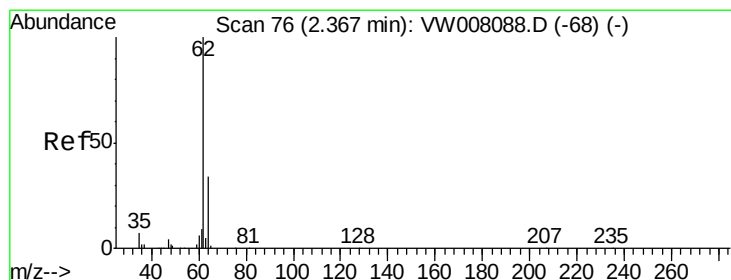
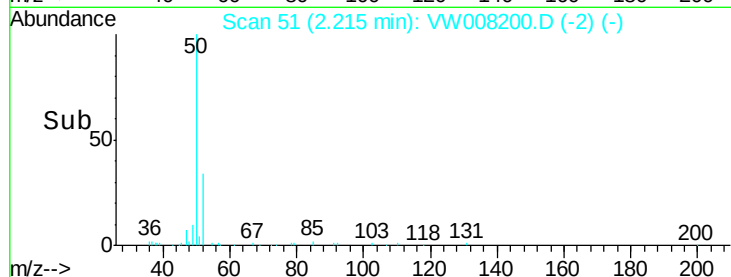
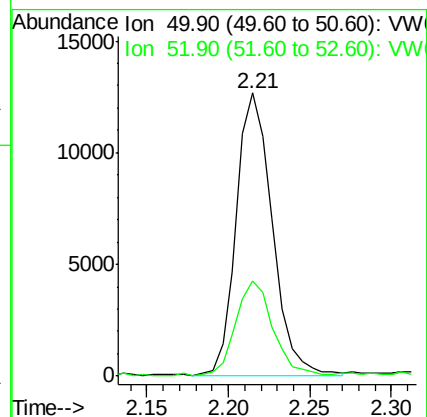
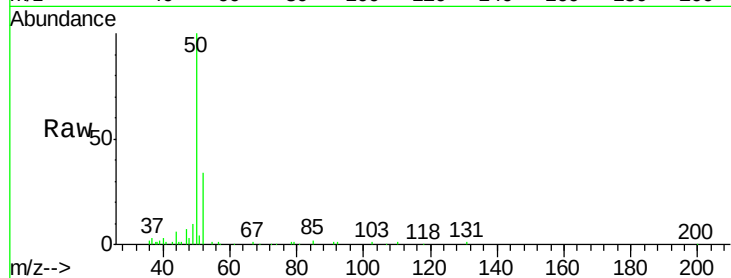
52 33.2 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 64.988 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008200.D

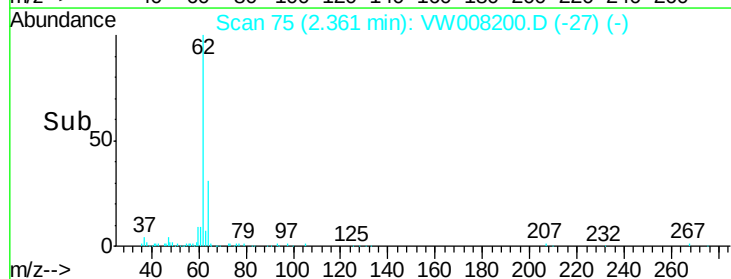
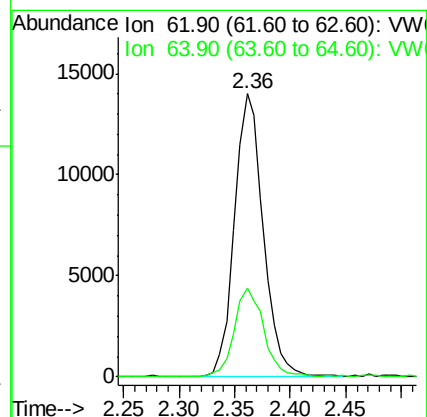
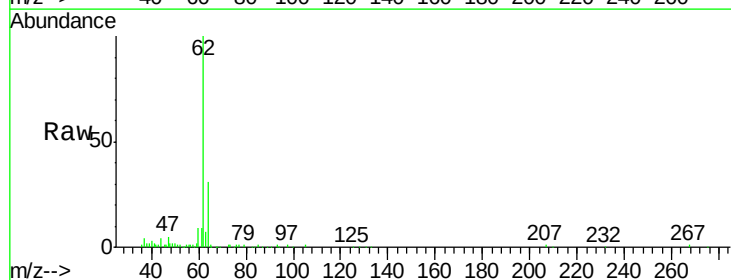
Acq: 11 Jan 2019 17:59

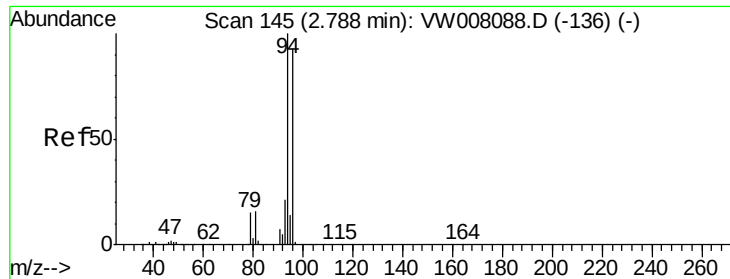
Tgt Ion: 62 Resp: 25155

Ion Ratio Lower Upper

62 100

64 31.2 27.0 40.6





#5

Bromomethane

Concen: 53.960 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 15646

Ion Ratio Lower Upper

94 100

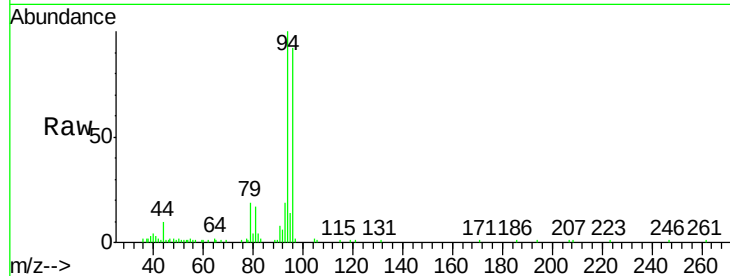
96 91.0 74.1 111.1

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

6000

4000

2000

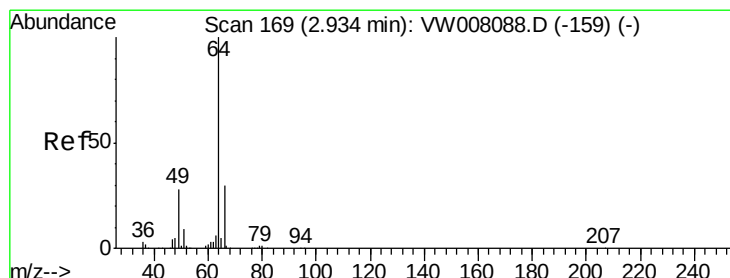
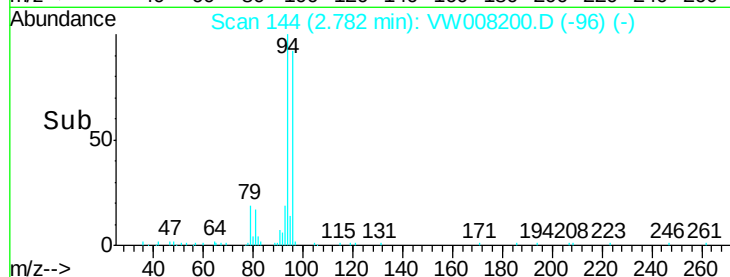
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Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 53.958 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008200.D

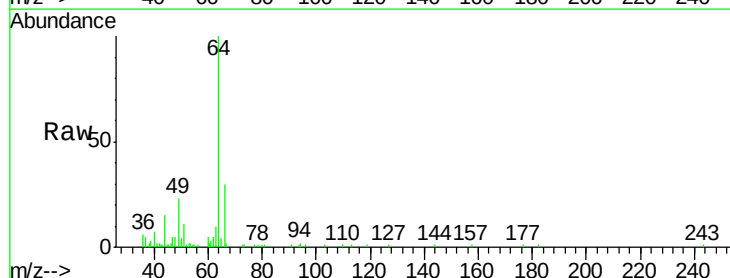
Acq: 11 Jan 2019 17:59

Tgt Ion: 64 Resp: 15716

Ion Ratio Lower Upper

64 100

66 29.8 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

6000

4000

2000

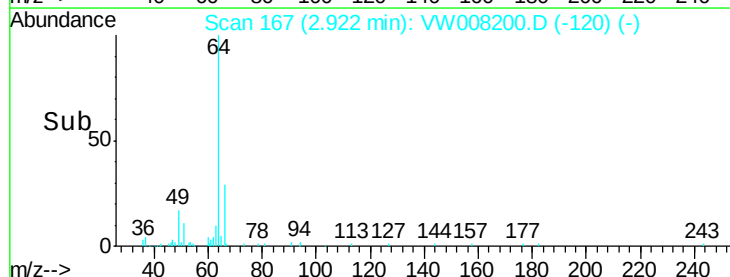
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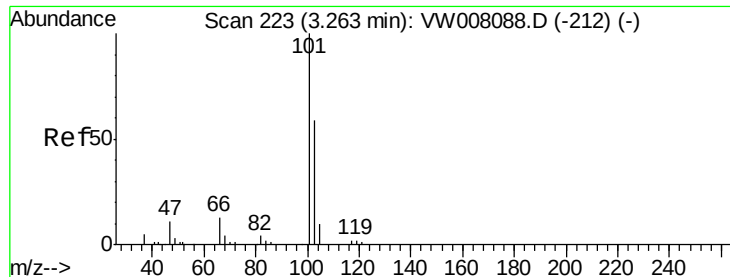
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2.80

2.90

3.00





#7

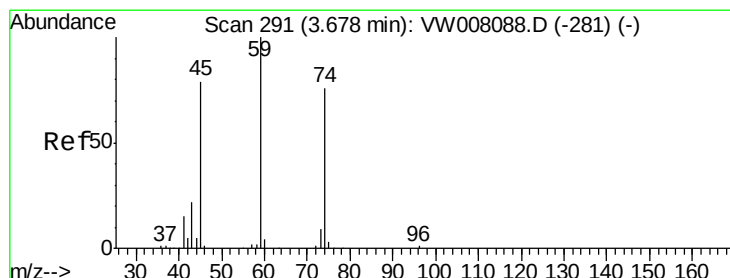
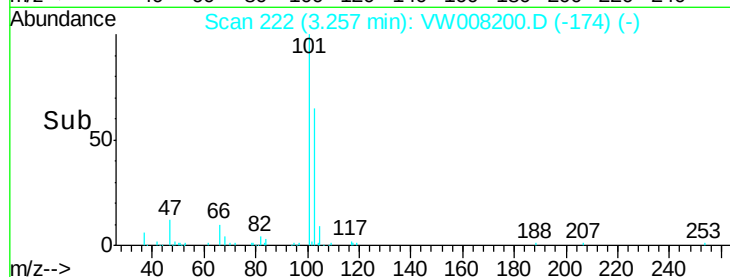
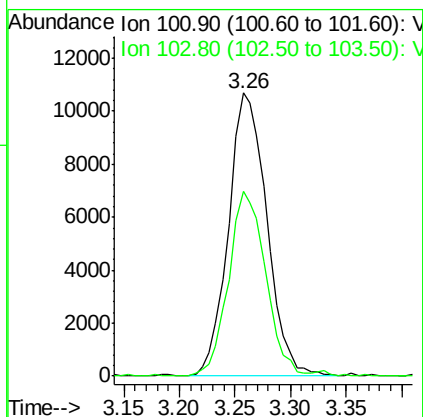
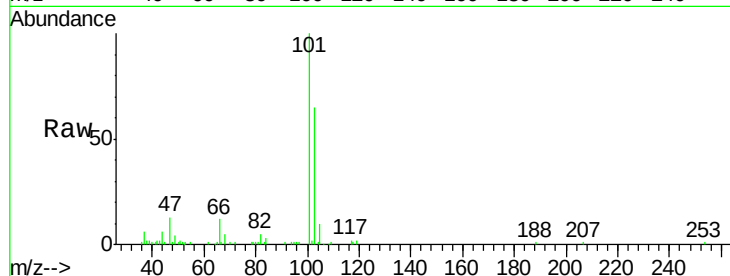
Trichlorofluoromethane
 Concen: 81.241 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	47.0	70.6

Manual Integrations
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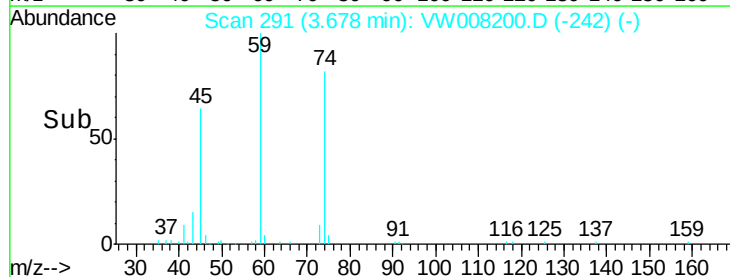
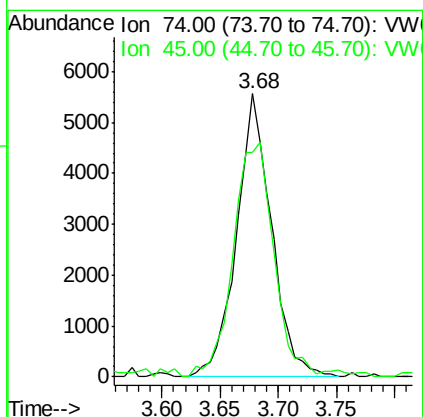
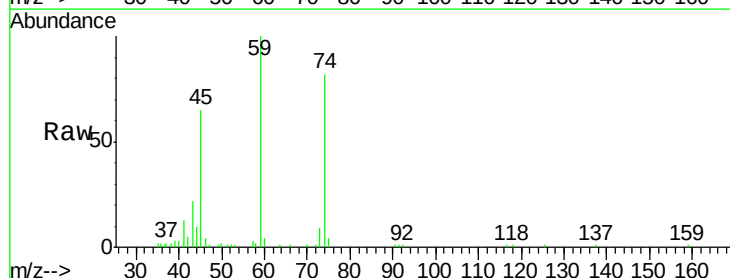
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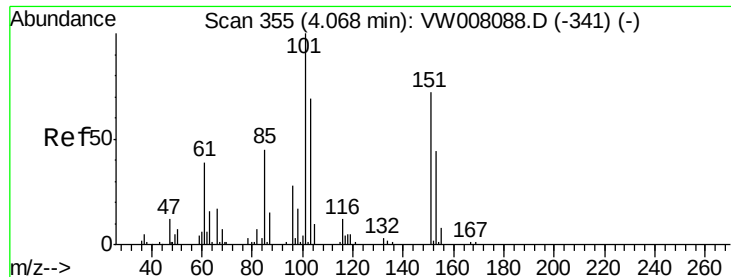


#8

Diethyl Ether
 Concen: 65.454 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 34.088 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

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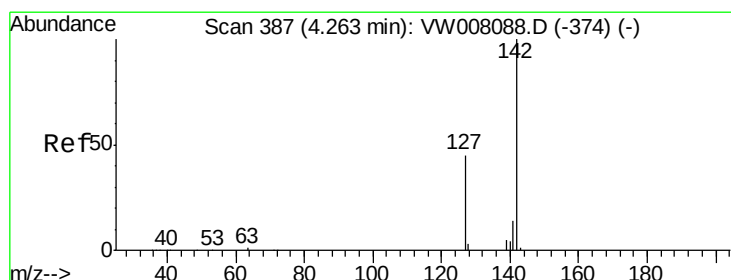
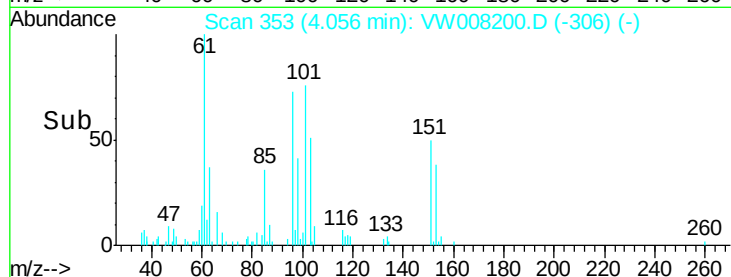
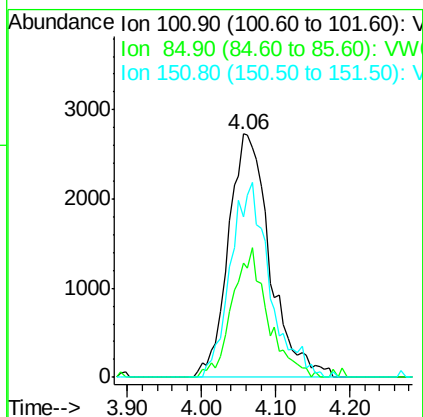
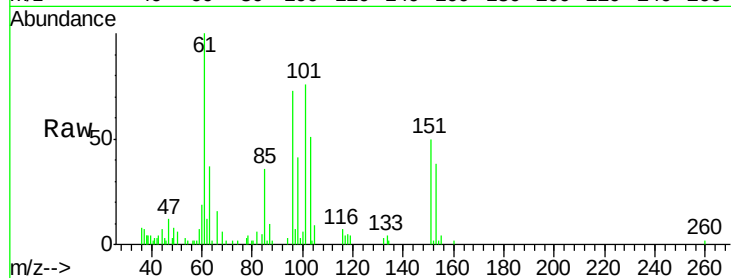
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	101	Resp:	10650
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.9	53.9
151	74.9	55.8	83.8

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#10

Methyl Iodide

Concen: 61.971 ug/l

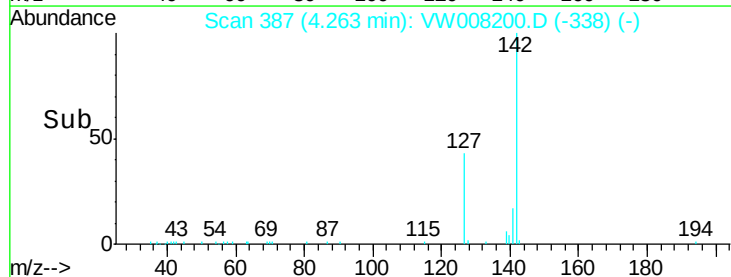
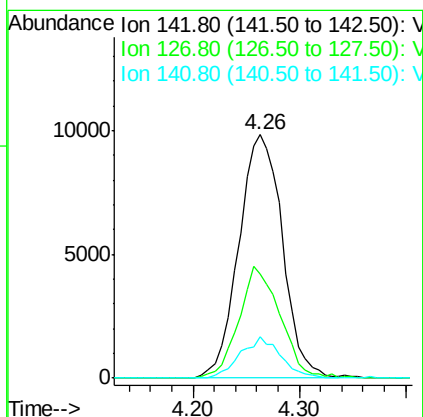
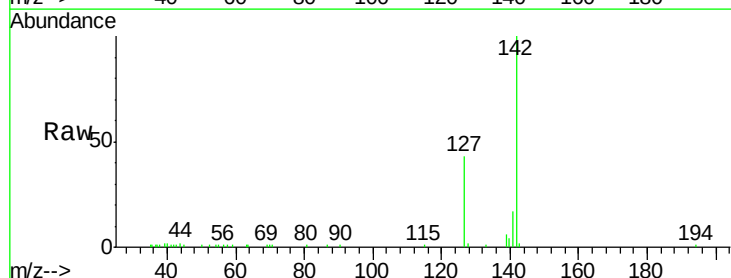
RT: 4.26 min Scan# 387

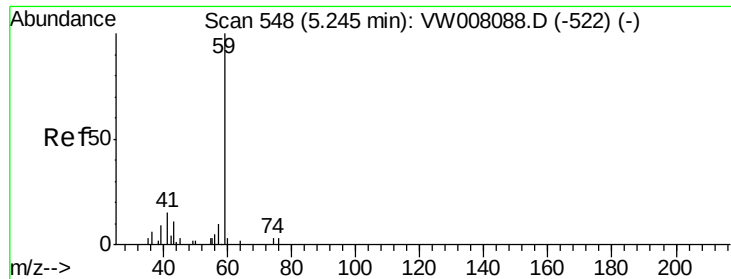
Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion:	142	Resp:	28218
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.0	52.4
141	15.8	11.8	17.6





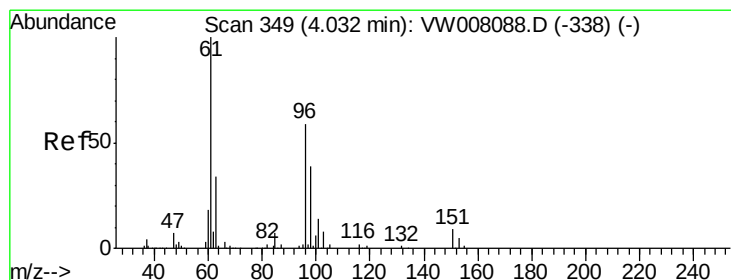
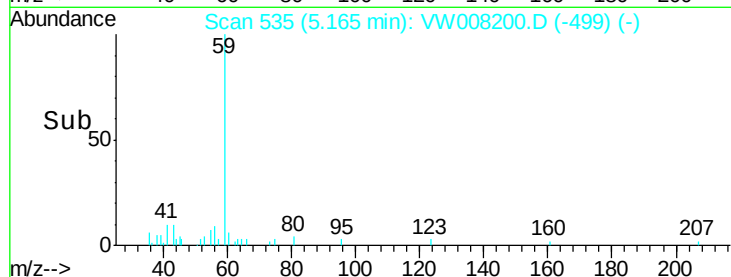
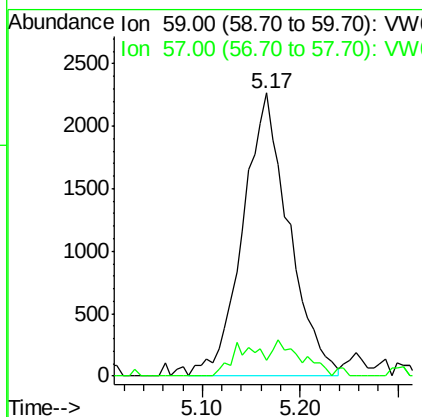
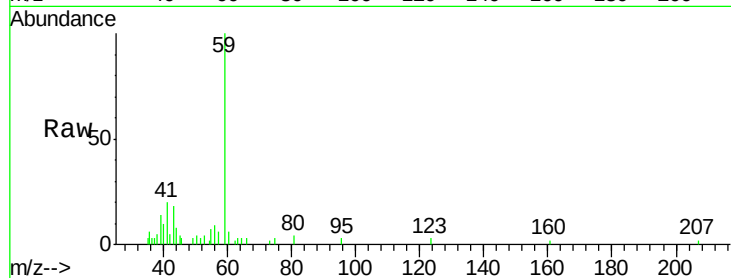
#11
Tert butyl alcohol
Concen: 400.324 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.08 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion: 59 Resp: 7406
Ion Ratio Lower Upper
59 100
57 8.2 0.0 0.0#

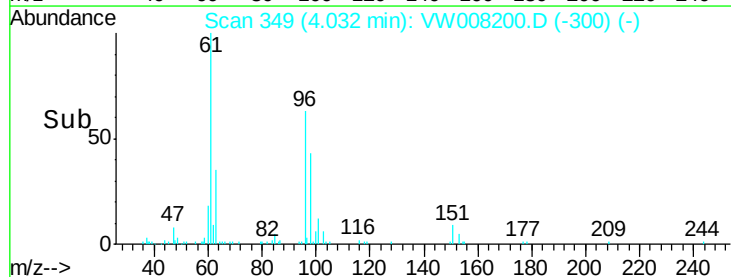
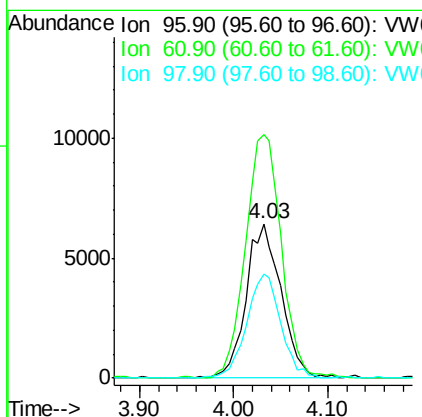
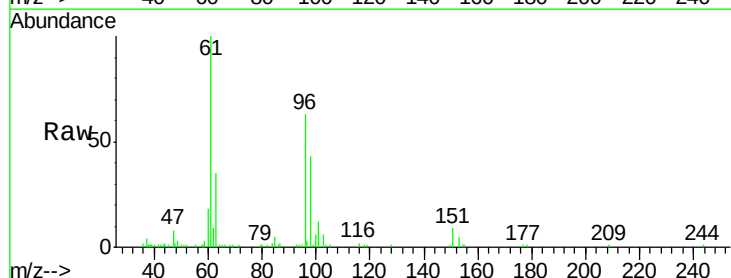
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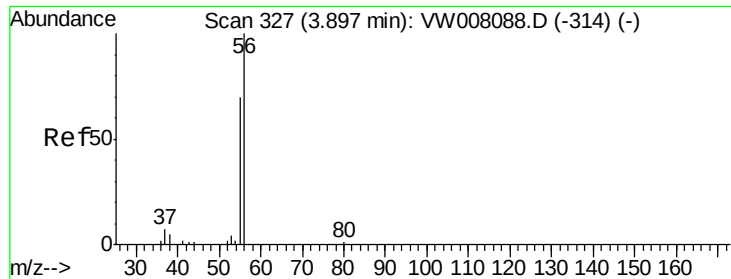
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#12
1,1-Dichloroethene
Concen: 54.613 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 96 Resp: 16752
Ion Ratio Lower Upper
96 100
61 156.6 135.4 203.2
98 67.6 52.5 78.7





#13

Acrolein

Concen: 242.386 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 56 Resp: 5081

Ion Ratio Lower Upper

56 100

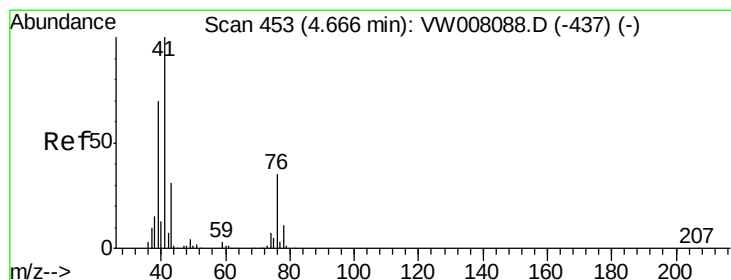
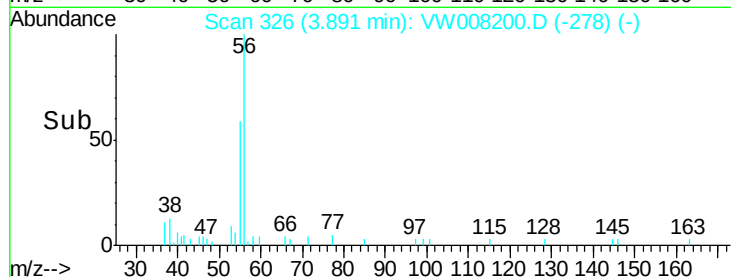
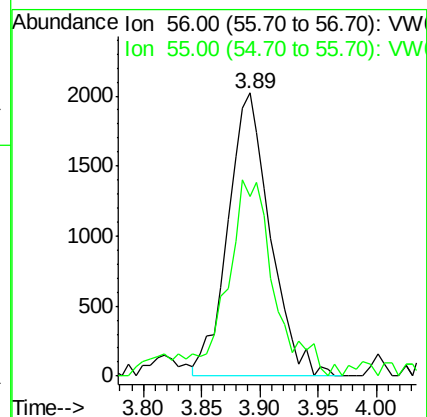
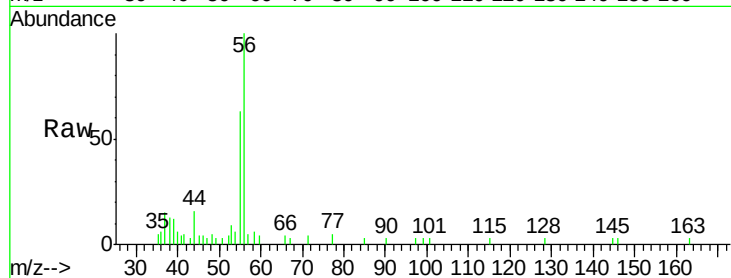
55 73.7 56.6 84.8

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#14

Allyl chloride

Concen: 55.504 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

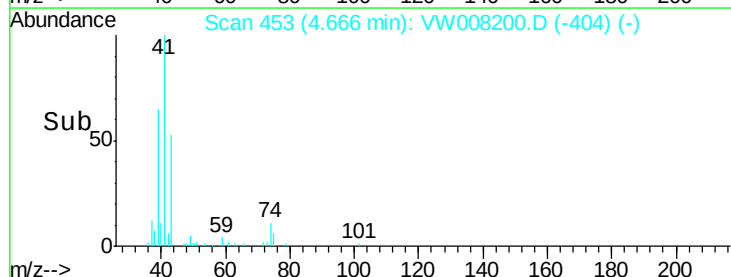
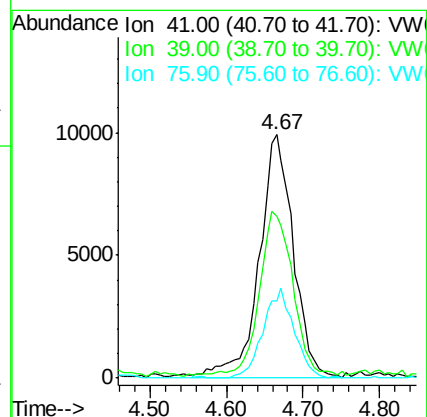
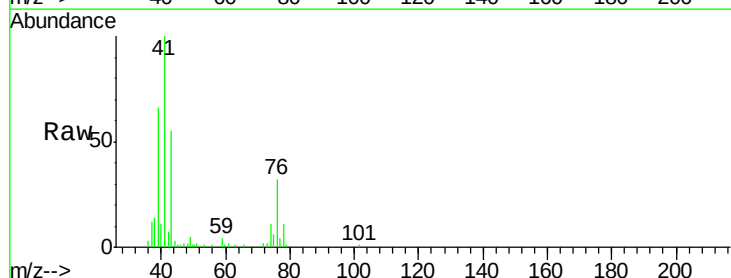
Tgt Ion: 41 Resp: 30911

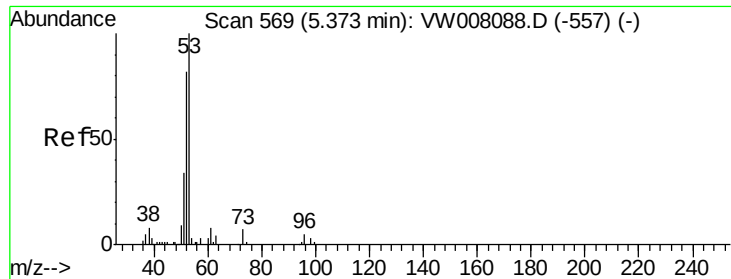
Ion Ratio Lower Upper

41 100

39 66.3 53.8 80.8

76 33.0 27.6 41.4





#15

Acrylonitrile

Concen: 344.643 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

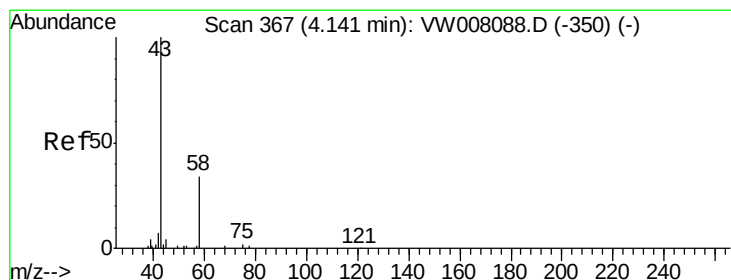
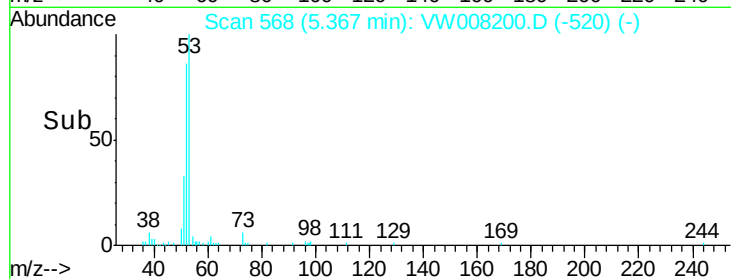
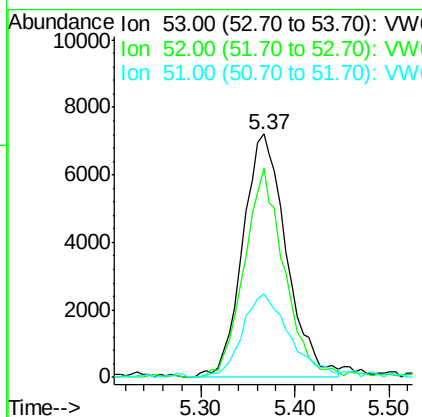
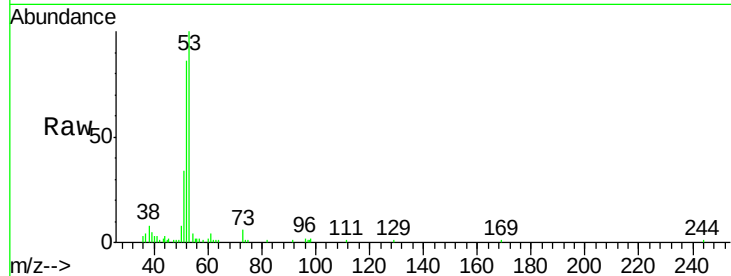
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	53	Resp:	23342
Ion	Ratio	Lower	Upper
53	100		
52	78.7	66.8	100.2
51	37.0	29.7	44.5

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#16

Acetone

Concen: 443.079 ug/l

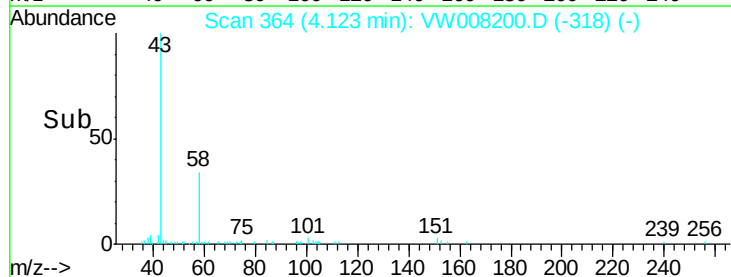
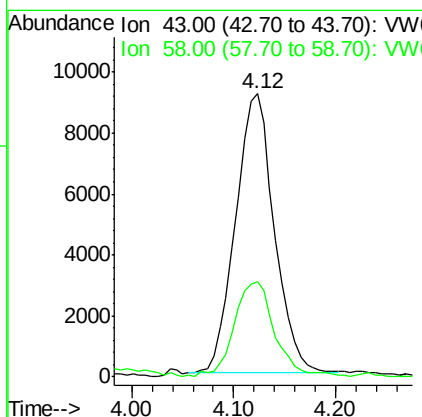
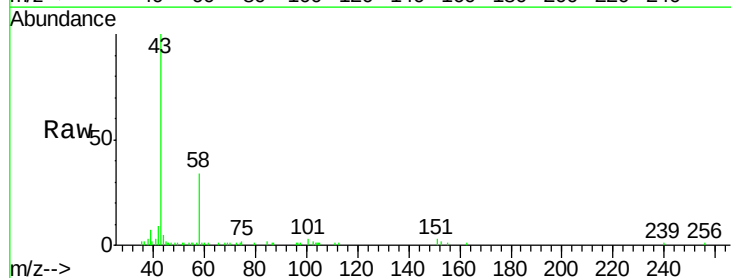
RT: 4.12 min Scan# 364

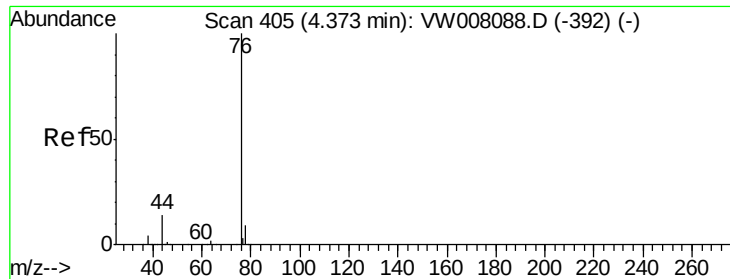
Delta R.T. -0.02 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion:	43	Resp:	24148
Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.5	41.3





#17

Carbon Disulfide

Concen: 50.853 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 76 Resp: 48728

Ion Ratio Lower Upper

76 100

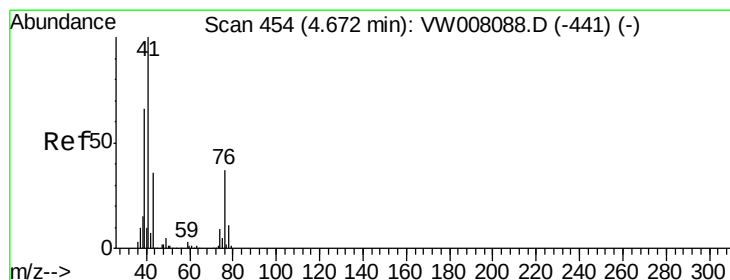
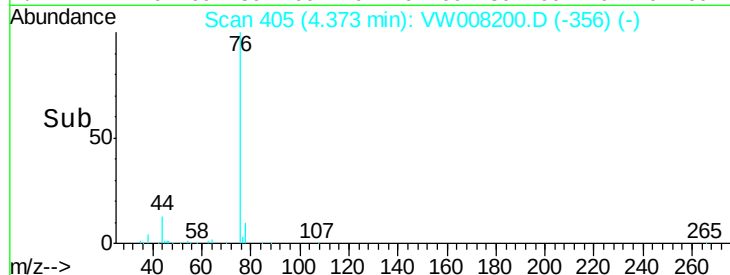
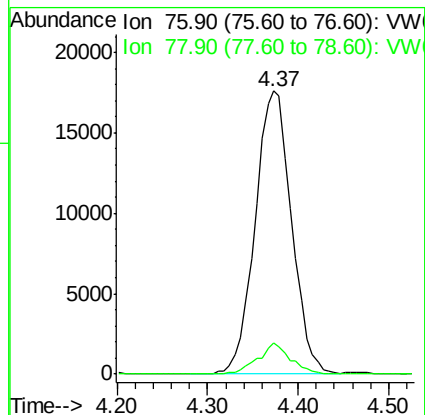
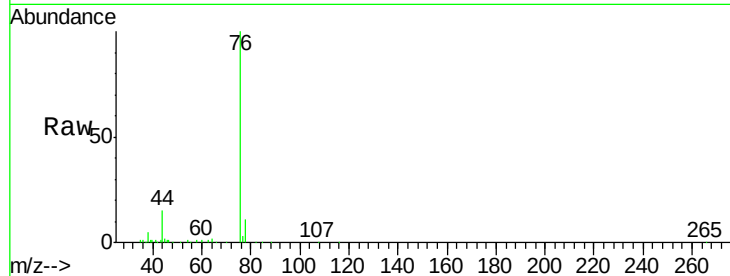
78 11.0 7.0 10.6#

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#18

Methyl Acetate

Concen: 81.501 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008200.D

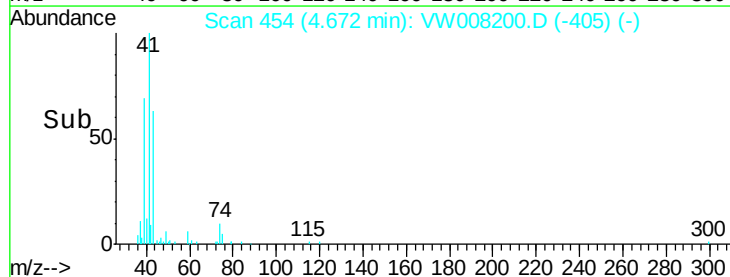
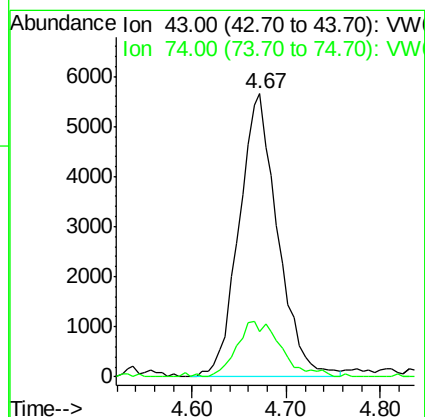
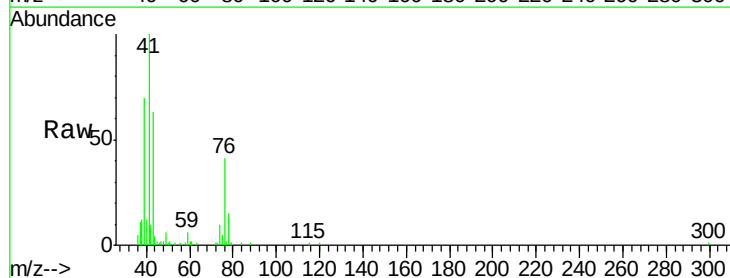
Acq: 11 Jan 2019 17:59

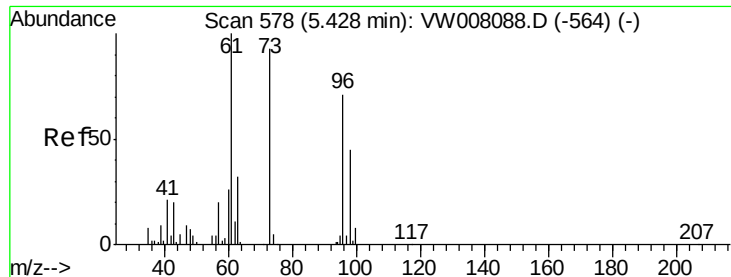
Tgt Ion: 43 Resp: 16216

Ion Ratio Lower Upper

43 100

74 22.5 19.0 28.4





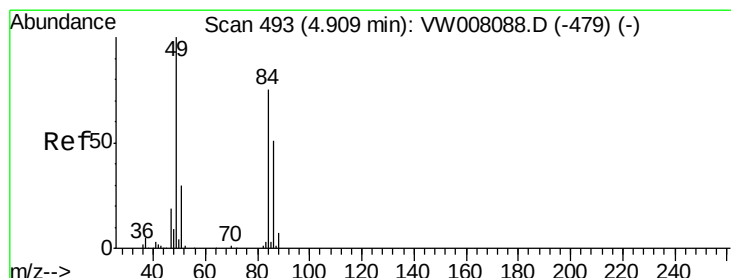
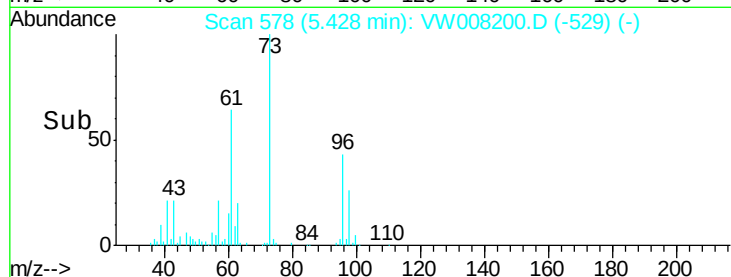
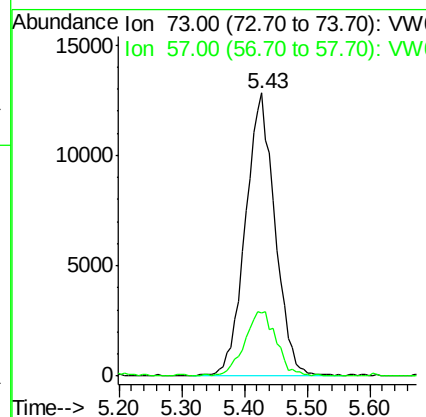
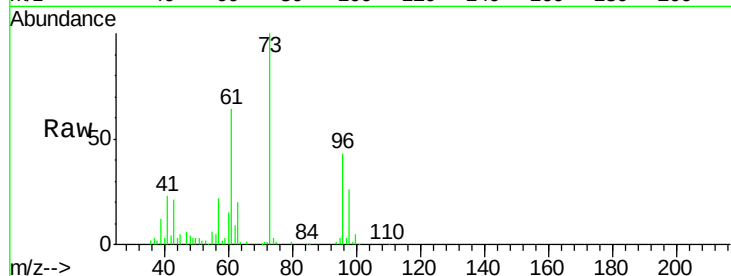
#19
Methyl tert-butyl Ether
Concen: 83.943 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion: 73 Resp: 41860
Ion Ratio Lower Upper
73 100
57 22.1 16.7 25.1

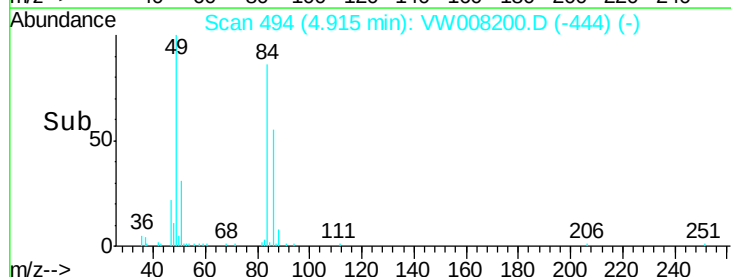
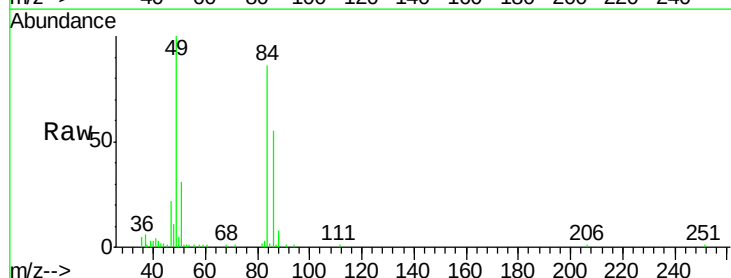
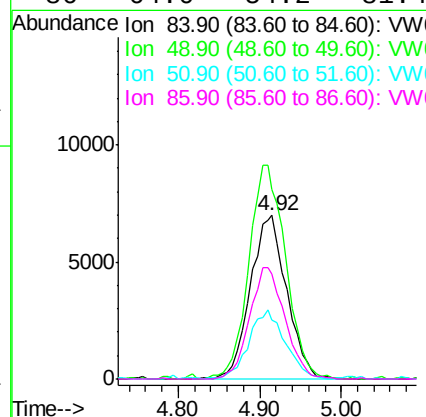
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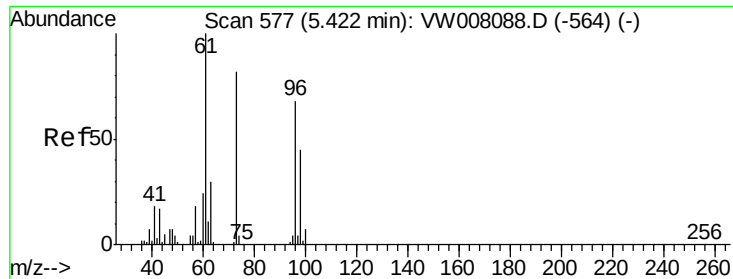
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#20
Methylene Chloride
Concen: 72.062 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion: 84 Resp: 21678
Ion Ratio Lower Upper
84 100
49 115.9 107.1 160.7
51 35.7 32.4 48.6
86 64.0 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 56.348 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

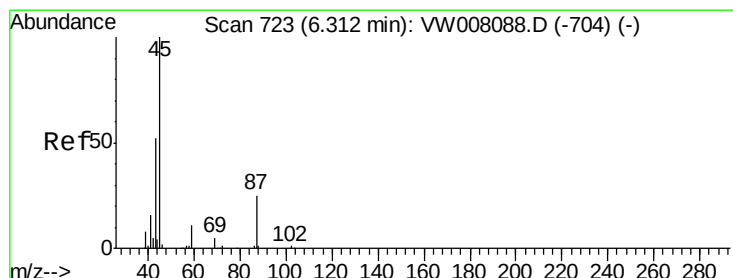
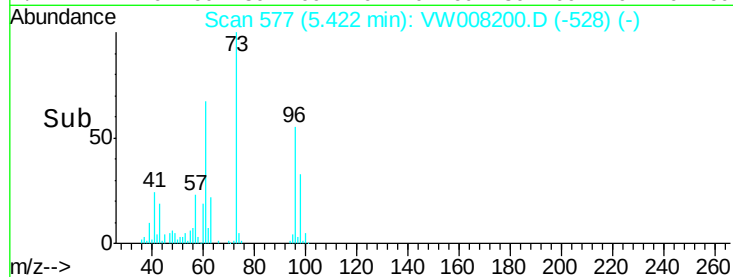
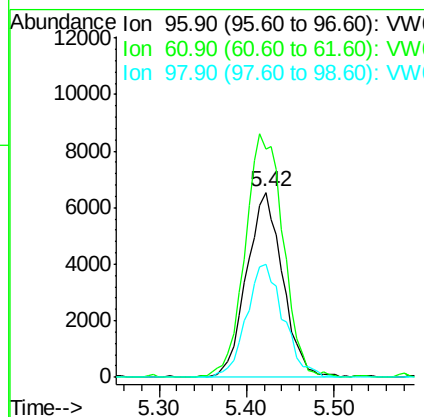
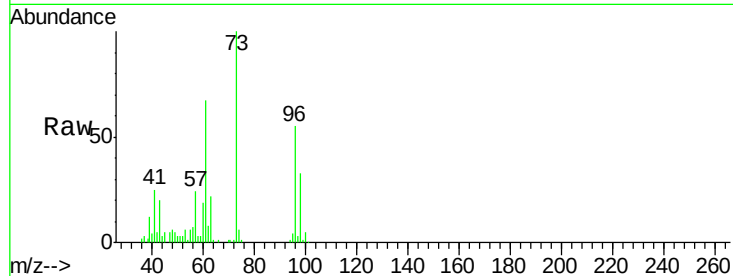
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	96	Resp:	18783
Ion	Ratio	Lower	Upper
96	100		
61	123.2	117.4	176.0
98	60.9	52.2	78.4

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#22

Diisopropyl ether

Concen: 60.886 ug/l

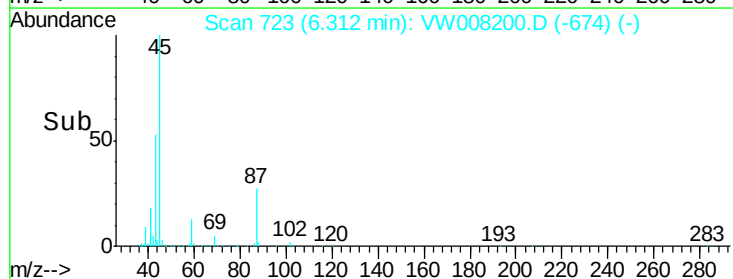
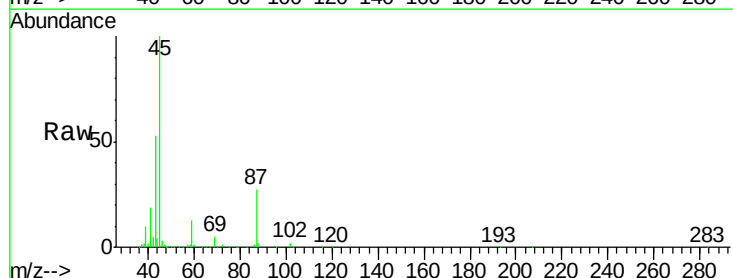
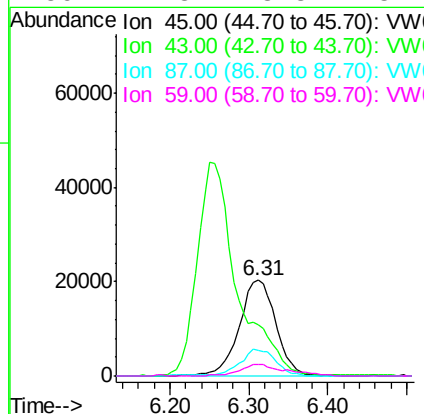
RT: 6.31 min Scan# 723

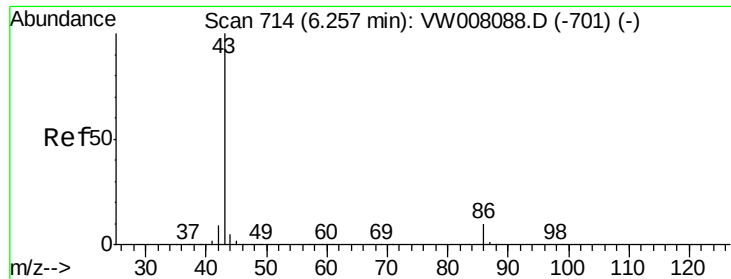
Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion:	45	Resp:	64669
Ion	Ratio	Lower	Upper
45	100		
43	52.6	41.7	62.5
87	27.0	20.1	30.1
59	12.3	8.8	13.2





#23

Vinyl Acetate

Concen: 288.156 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 43 Resp: 160743

Ion Ratio Lower Upper

43 100

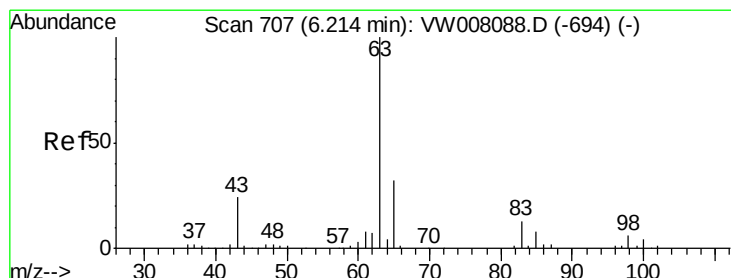
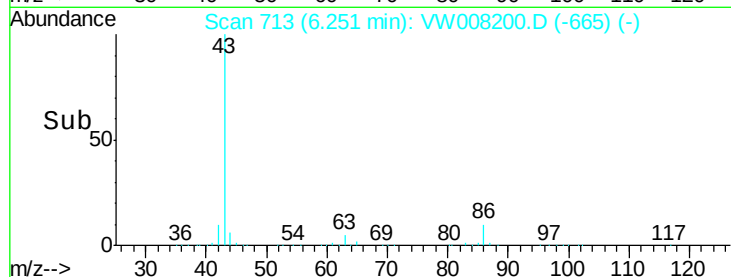
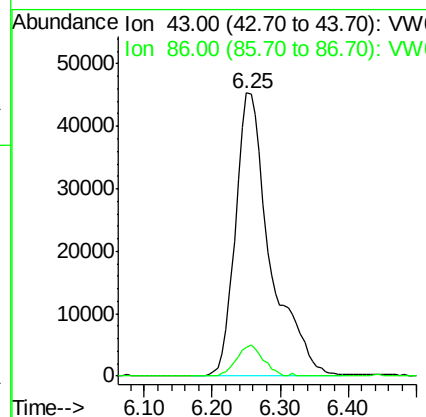
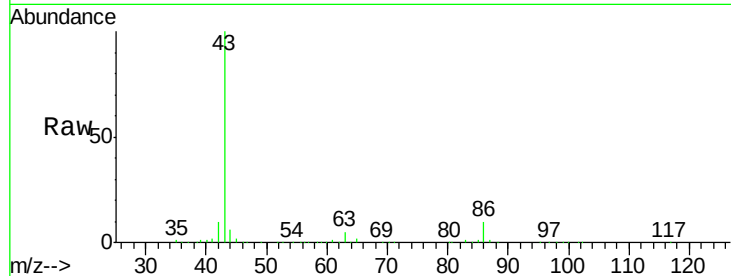
86 10.1 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 58.858 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

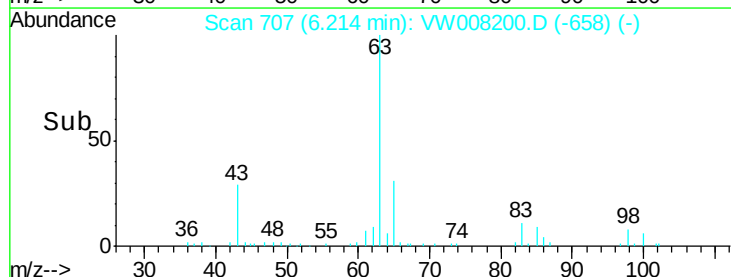
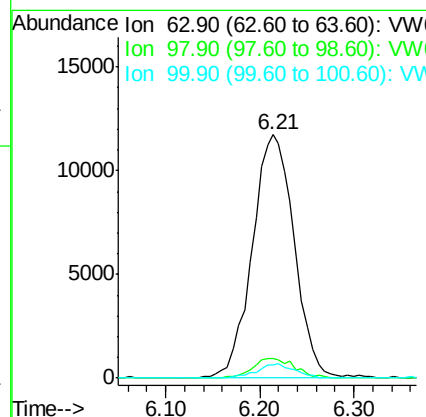
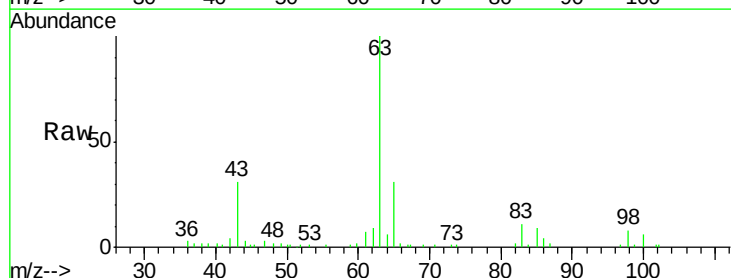
Tgt Ion: 63 Resp: 36425

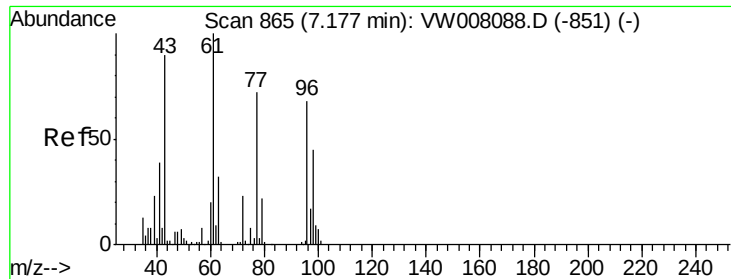
Ion Ratio Lower Upper

63 100

98 7.9 3.2 9.6

100 5.6 2.0 6.0





#25

2-Butanone

Concen: 350.532 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 43 Resp: 30703

Ion Ratio Lower Upper

43 100

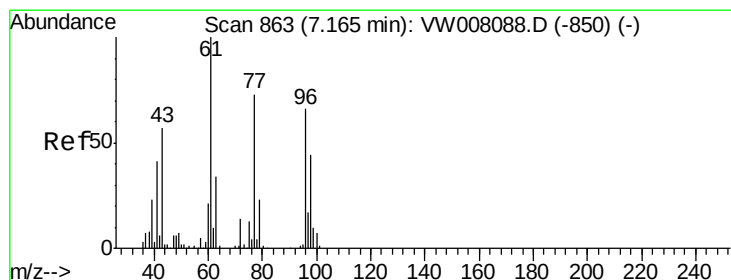
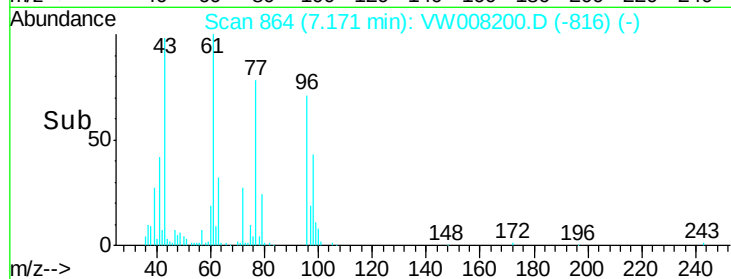
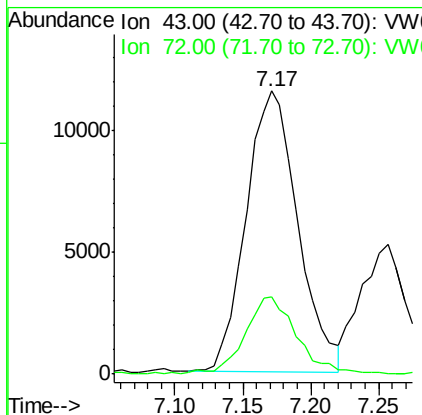
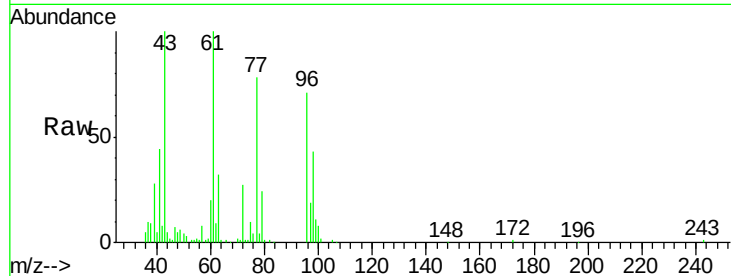
72 27.0 20.5 30.7

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#26

2,2-Dichloropropane

Concen: 63.955 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008200.D

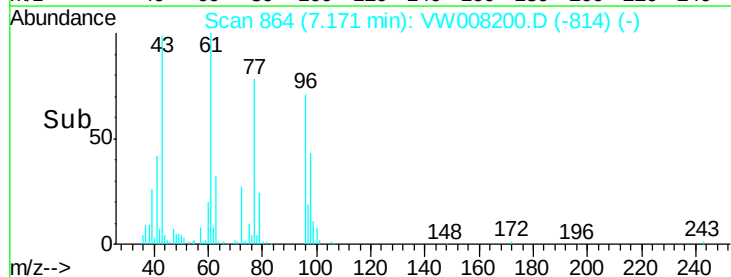
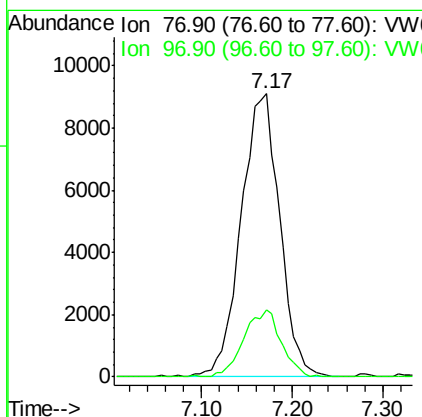
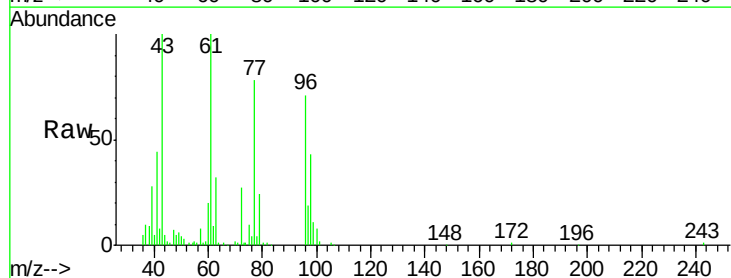
Acq: 11 Jan 2019 17:59

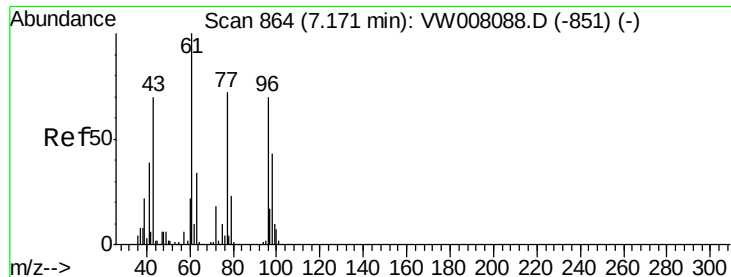
Tgt Ion: 77 Resp: 26818

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

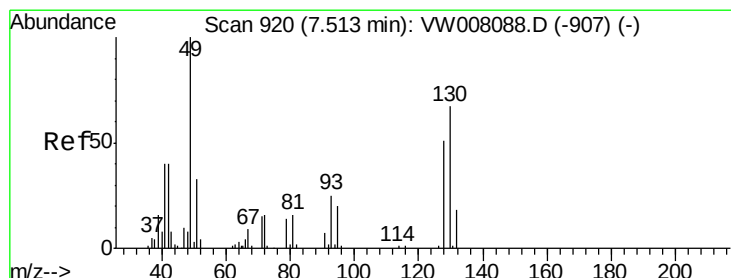
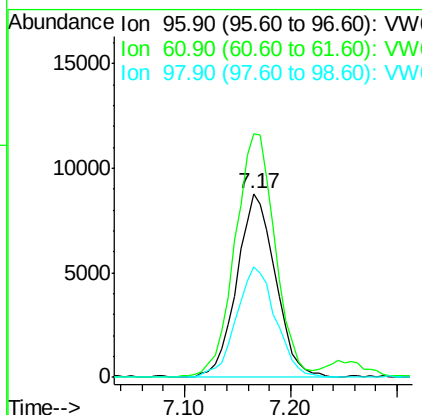
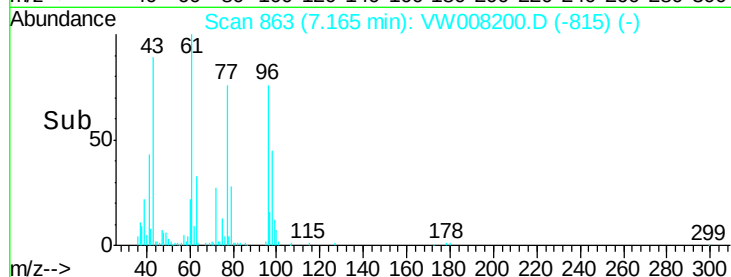
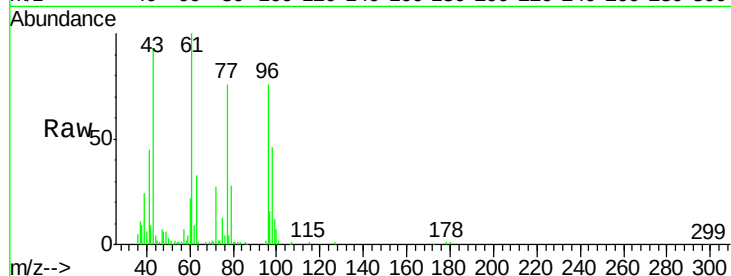
cis-1,2-Dichloroethene
Concen: 61.412 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	300.4
98	61.5	0.0	128.4

Manual Integrations
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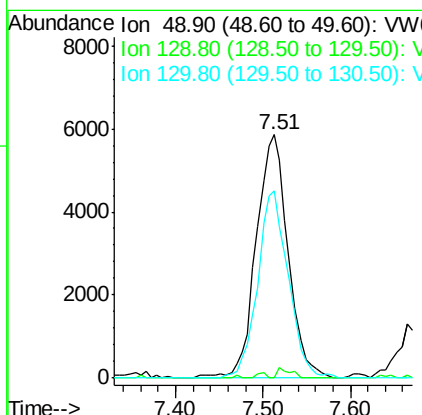
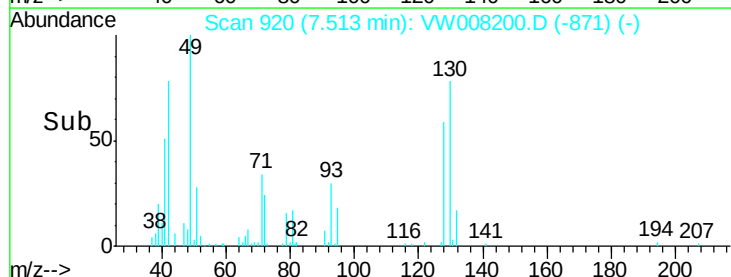
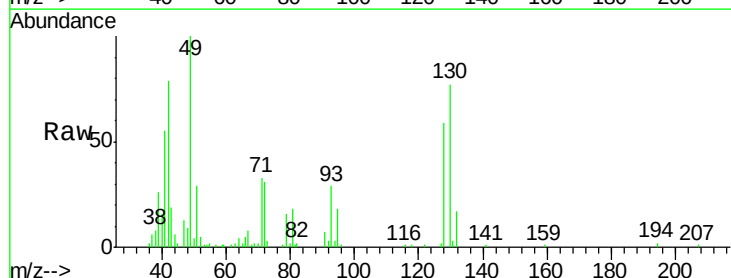
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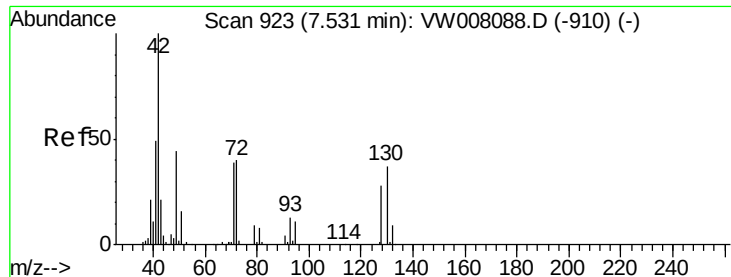


#28

Bromochloromethane
Concen: 60.752 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.8
130	74.2	54.3	81.5





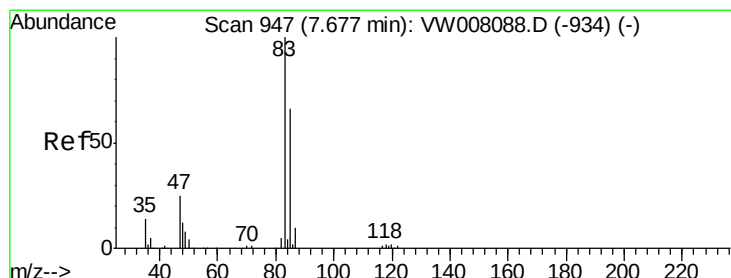
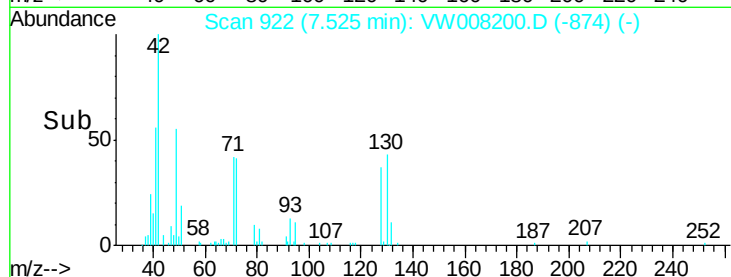
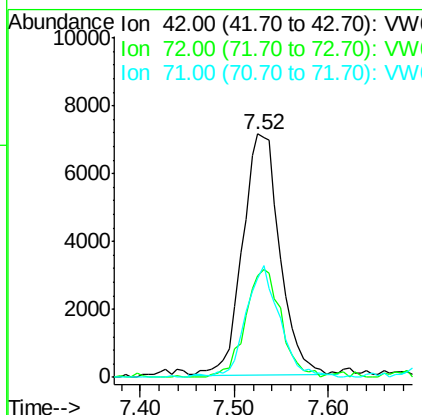
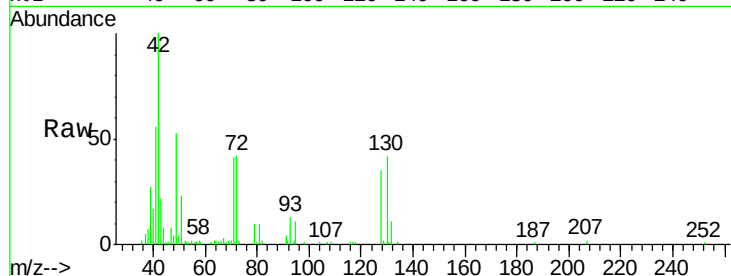
#29
Tetrahydrofuran
Concen: 337.096 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	32.4	48.6
71	42.4	31.3	46.9

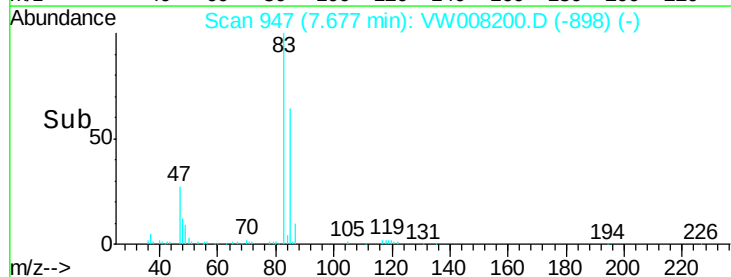
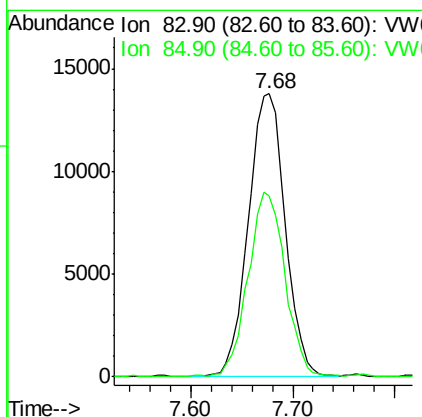
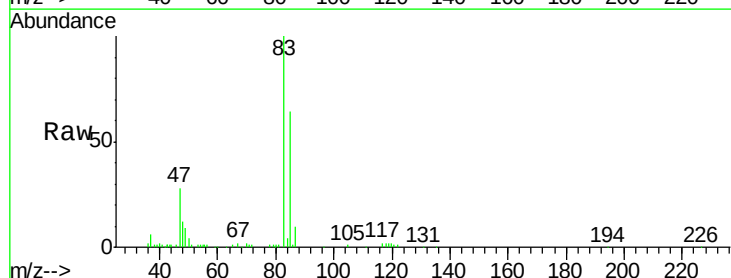
Manual Integrations
APPROVED

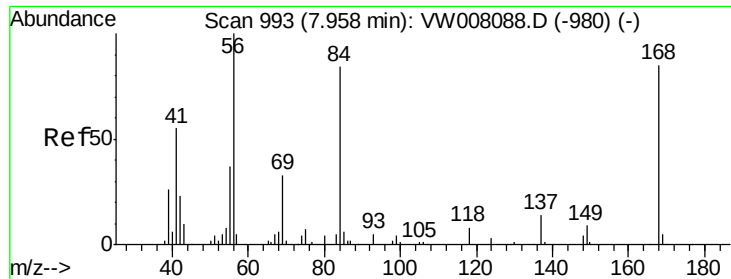
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#30
Chloroform
Concen: 58.942 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.2	79.8





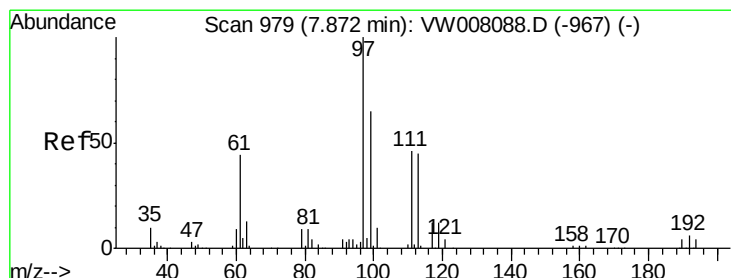
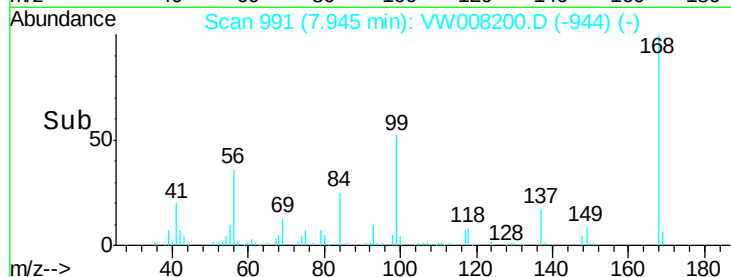
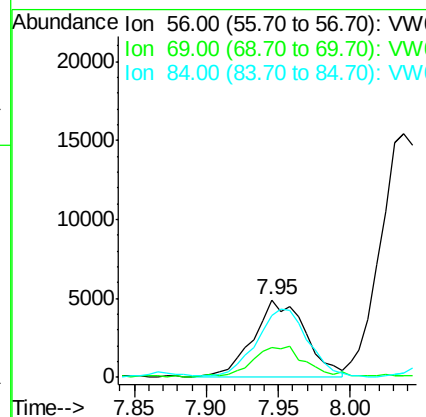
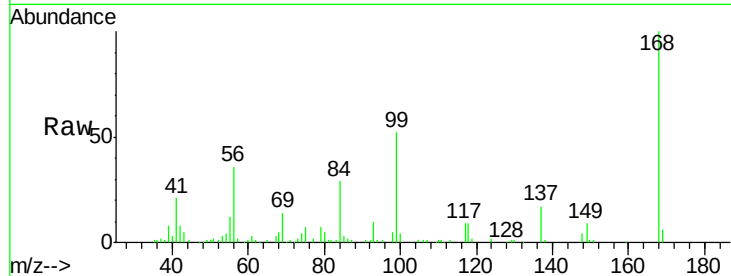
#31
Cyclohexane
Concen: 18.748 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	56	Resp	12421
Ion Ratio	Lower	Upper	
56	100		
69	37.9	26.2	39.4
84	77.0	67.4	101.2

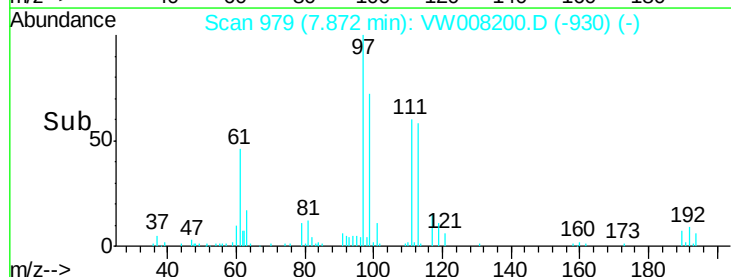
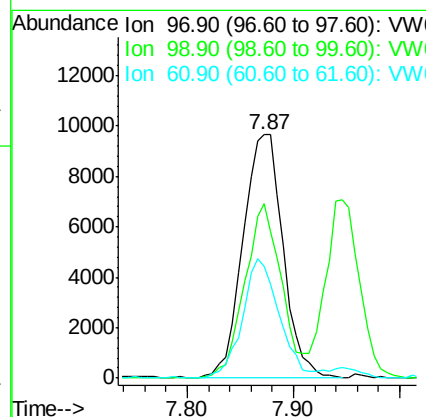
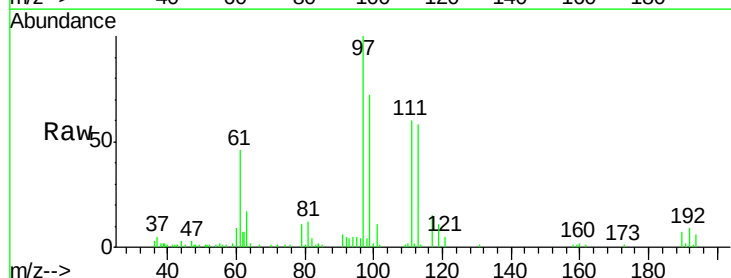
Manual Integrations
APPROVED

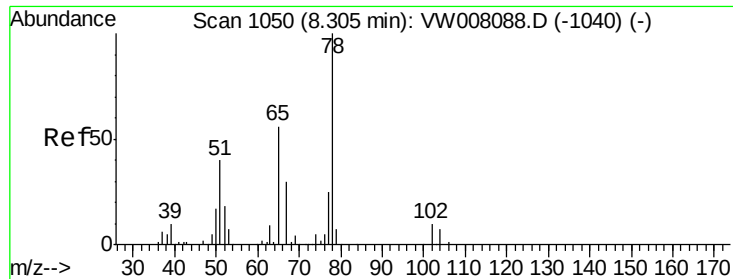
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#32
1,1,1-Trichloroethane
Concen: 49.897 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	97	Resp	25575
Ion Ratio	Lower	Upper	
97	100		
99	65.1	51.4	77.0
61	45.1	35.6	53.4





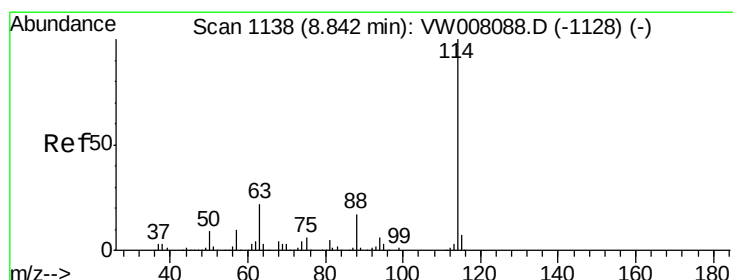
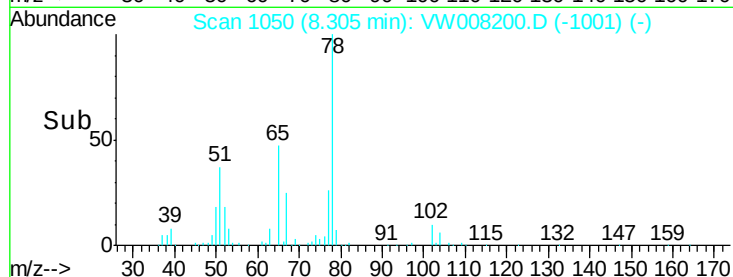
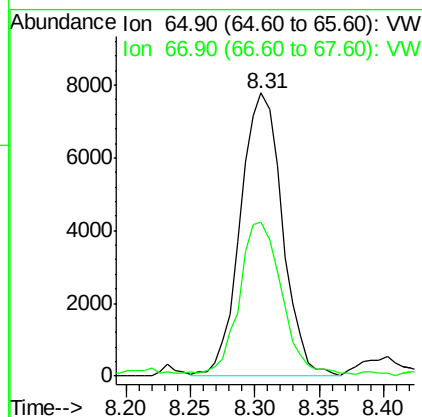
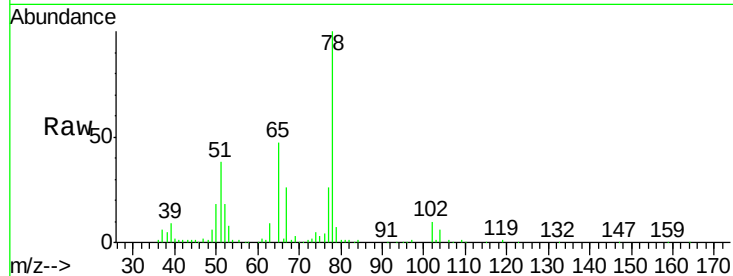
#33
 1,2-Dichloroethane-d4
 Concen: 55.872 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

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

Tot Ion	65	Resp	17589
Ion Ratio	100	Lower	Upper
67	53.9	0.0	106.8

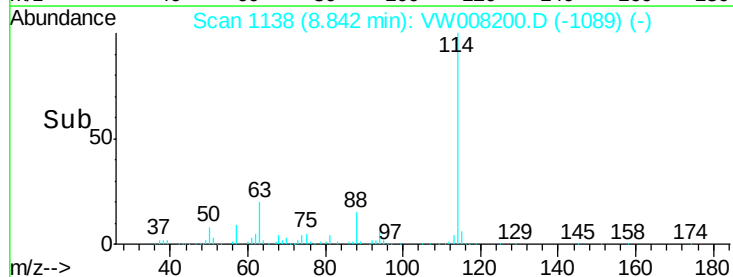
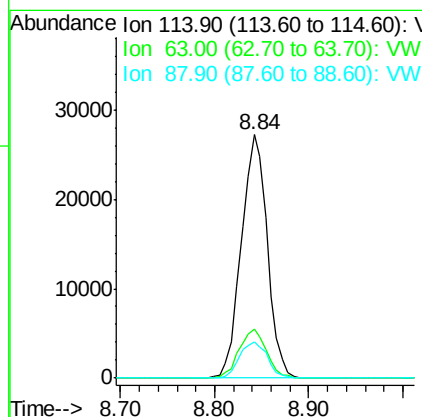
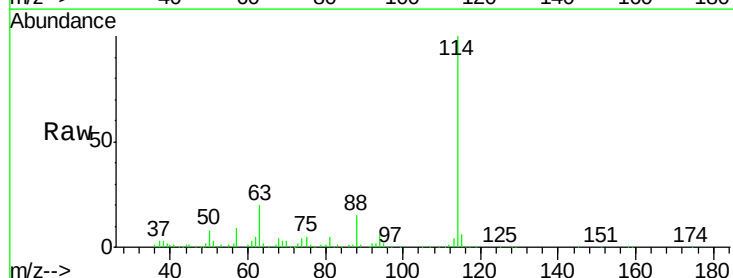
Manual Integrations
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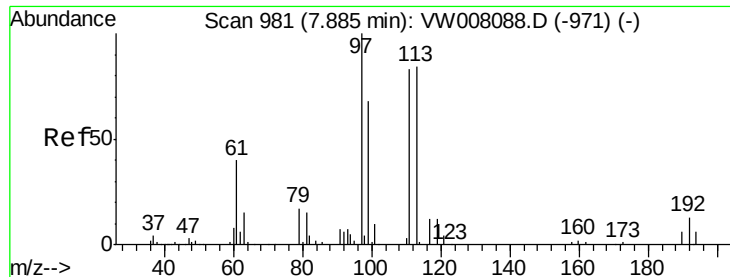
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion	114	Resp	52318
Ion Ratio	100	Lower	Upper
63	20.1	0.0	43.4
88	14.9	0.0	33.4





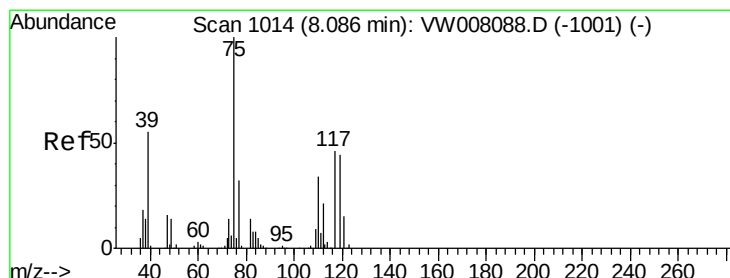
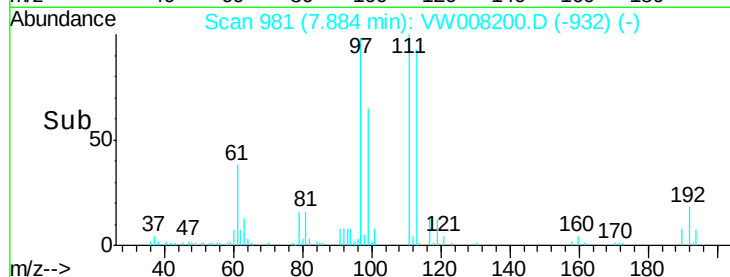
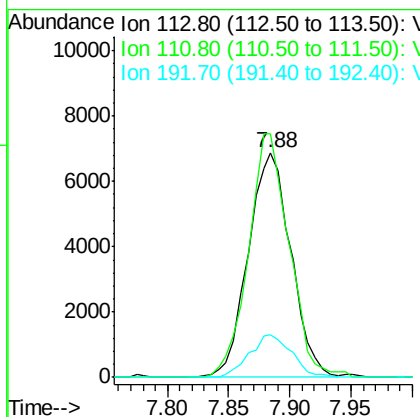
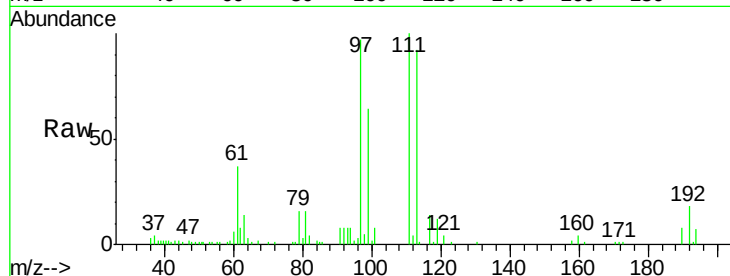
#35
 Dibromofluoromethane
 Concen: 54.703 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	18.8	12.8	19.2

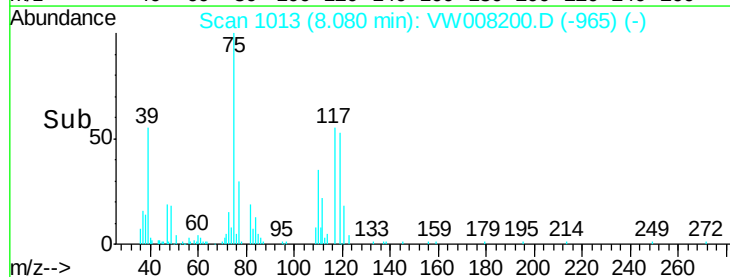
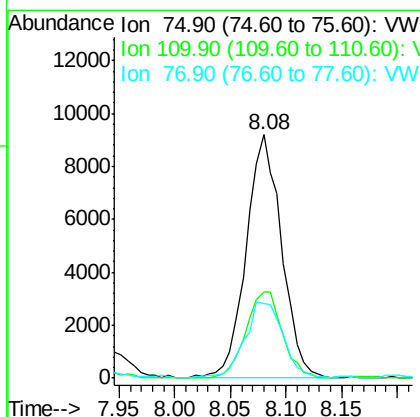
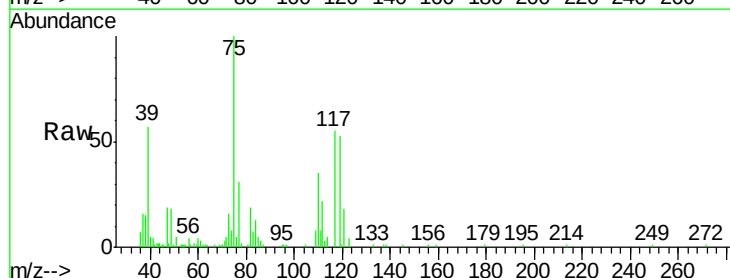
Manual Integrations
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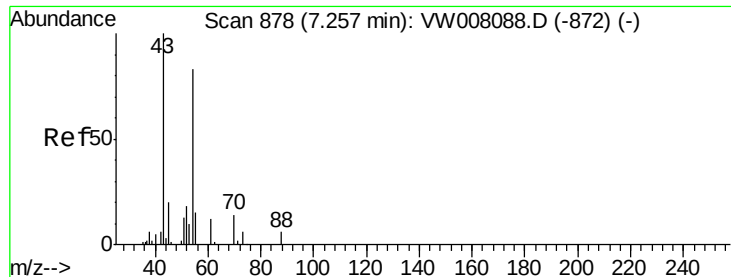
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#36
 1,1-Dichloropropene
 Concen: 37.892 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.1	51.3
77	34.0	25.5	38.3





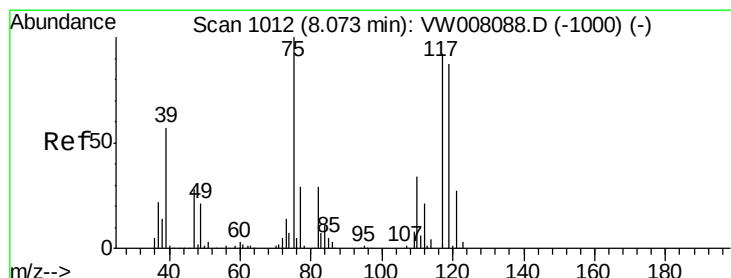
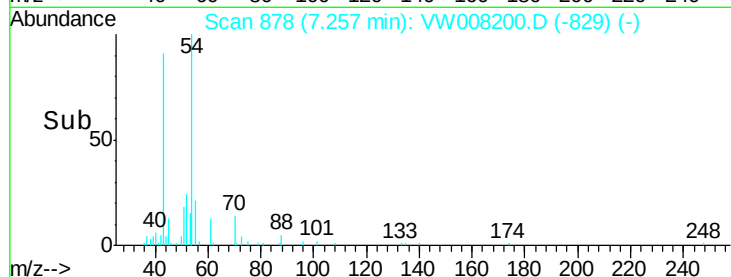
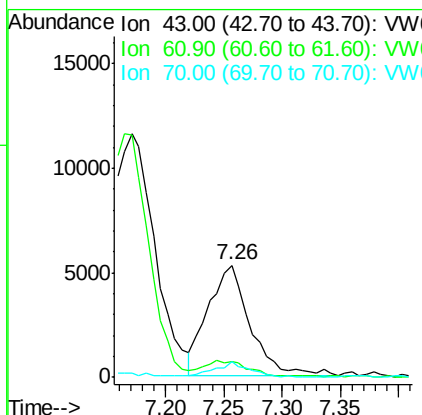
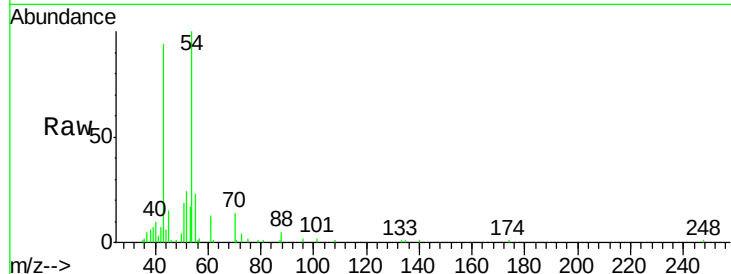
#37
Ethyl Acetate
Concen: 61.275 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.6	16.0
70	11.9	8.9	13.3

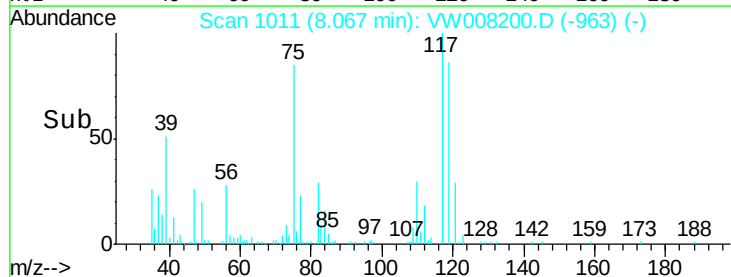
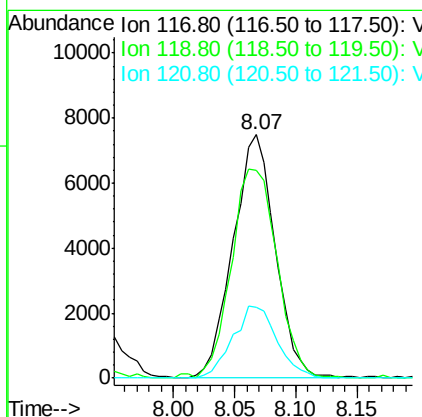
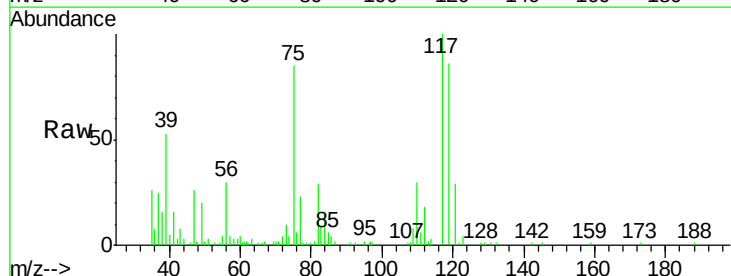
Manual Integrations
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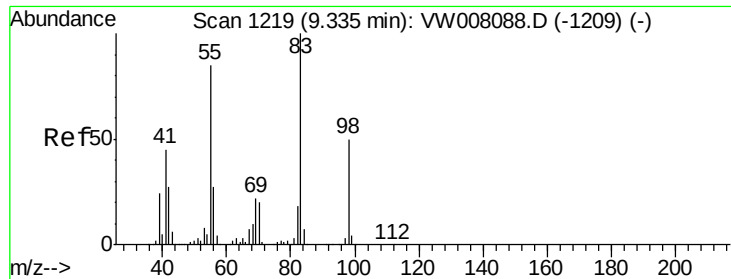
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#38
Carbon Tetrachloride
Concen: 36.392 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.8	75.8	113.8
121	29.2	23.7	35.5





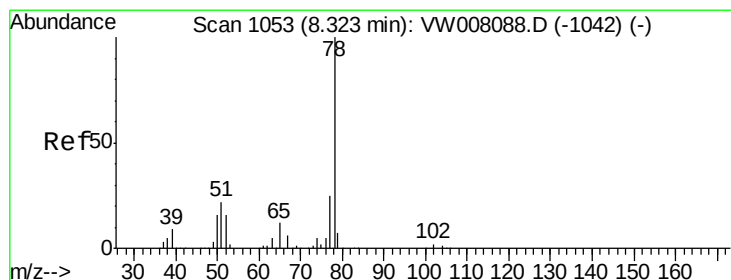
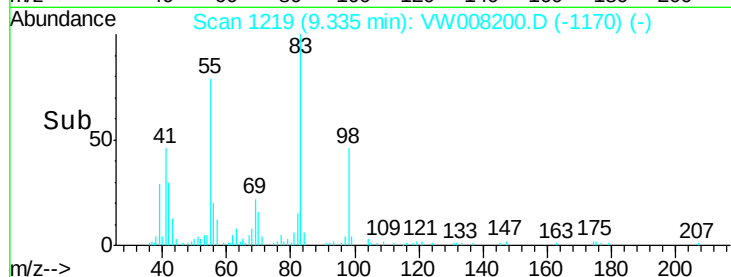
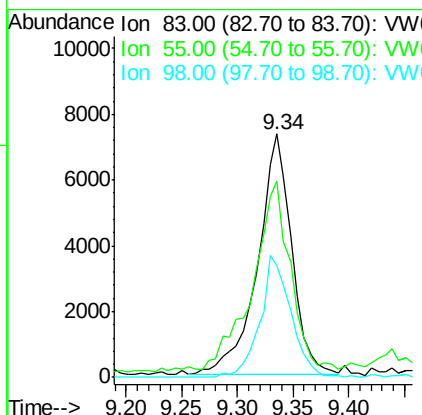
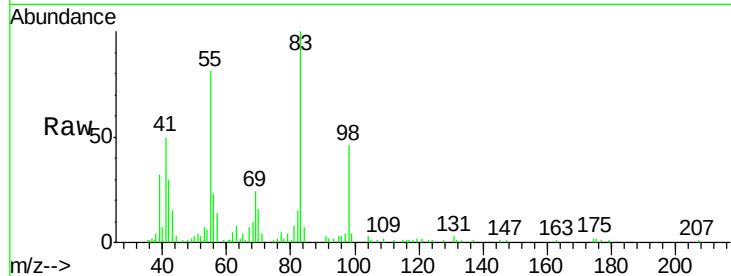
#39
Methylvlcyclohexane
Concen: 22.533 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	67.8	101.6
98	46.5	40.2	60.4

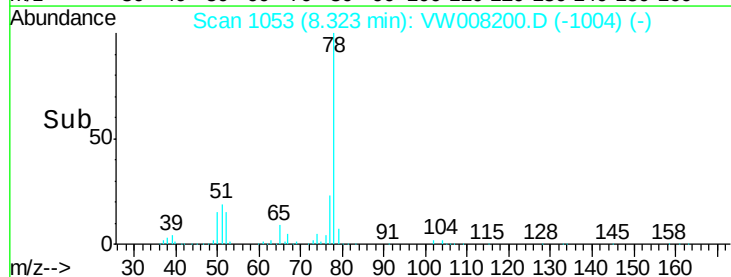
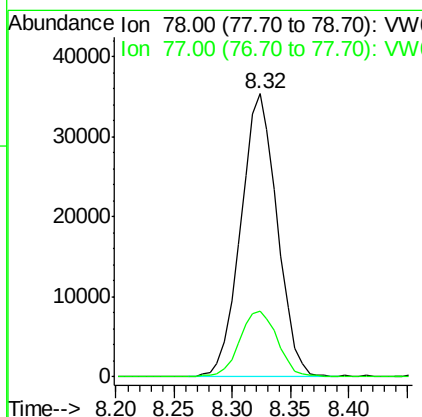
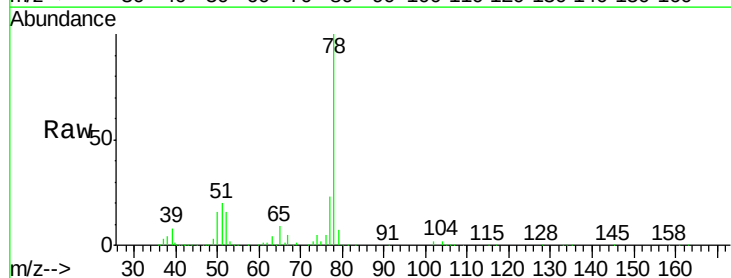
Manual Integrations
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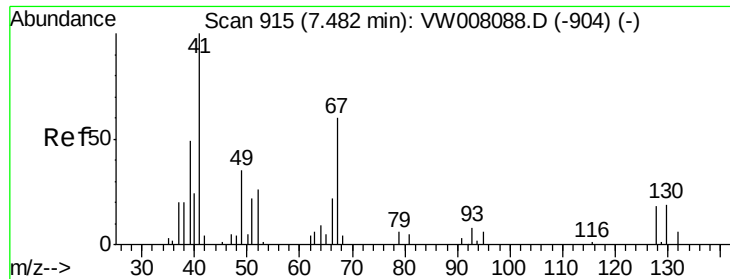
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#40
Benzene
Concen: 52.692 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	20.2	30.4





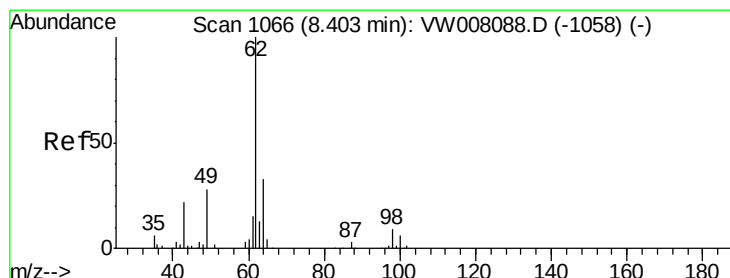
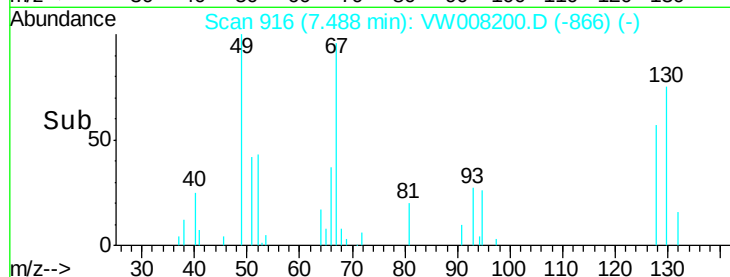
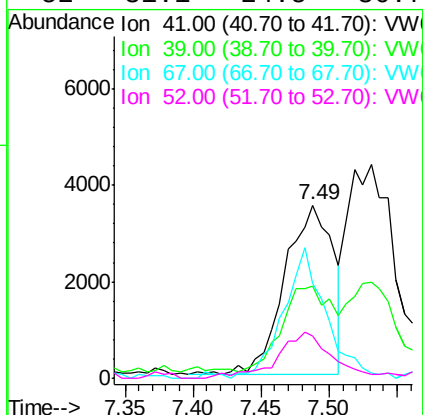
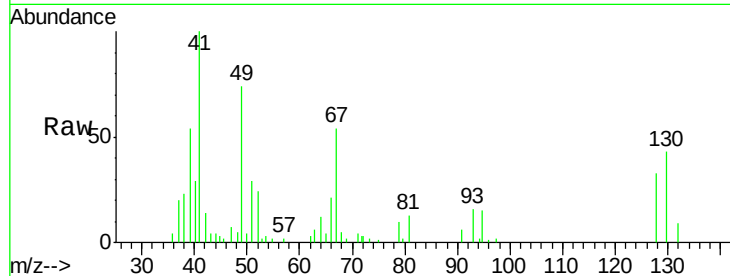
#41
Methacrylonitrile
Concen: 63.758 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion:	41	Resp:	8696
Ion	Ratio	Lower	Upper
41	100		
39	52.7	47.9	71.9
67	67.1	56.3	84.5
52	31.1	24.5	36.7

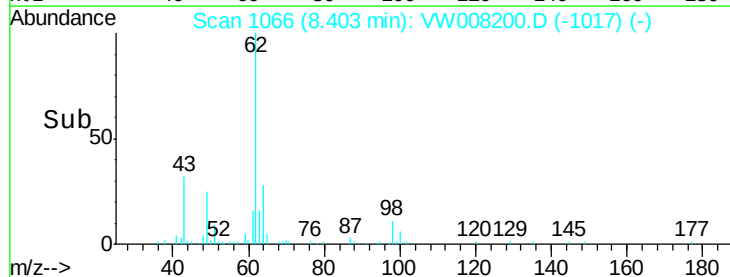
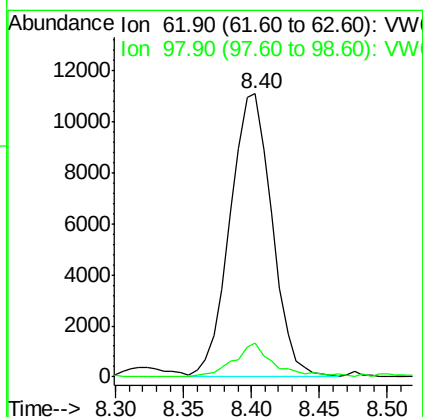
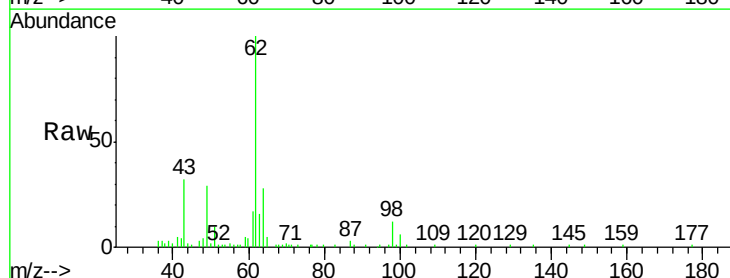
Manual Integrations
APPROVED

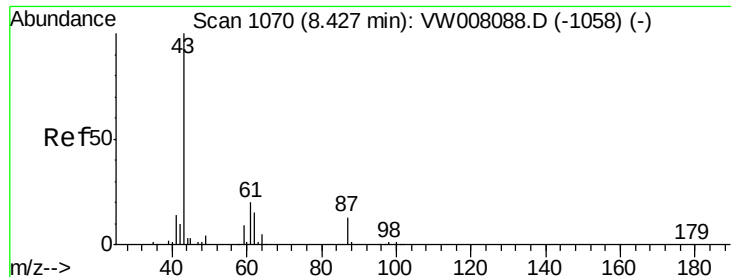
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#42
1,2-Dichloroethane
Concen: 58.093 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion:	62	Resp:	23883
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 63.402 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

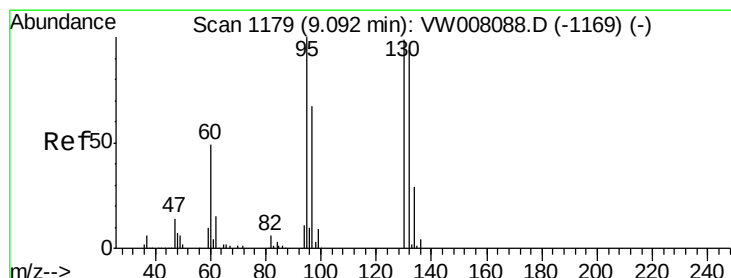
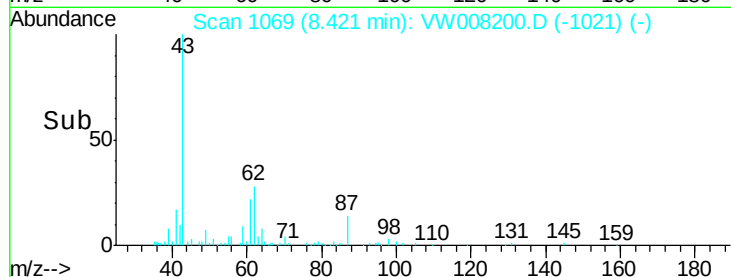
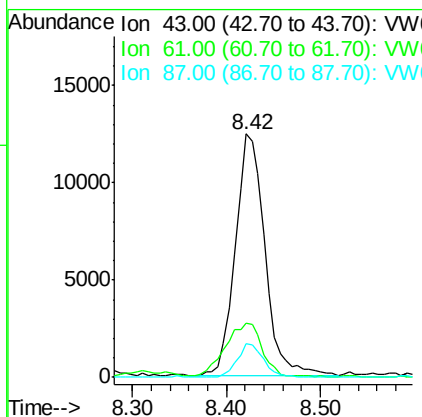
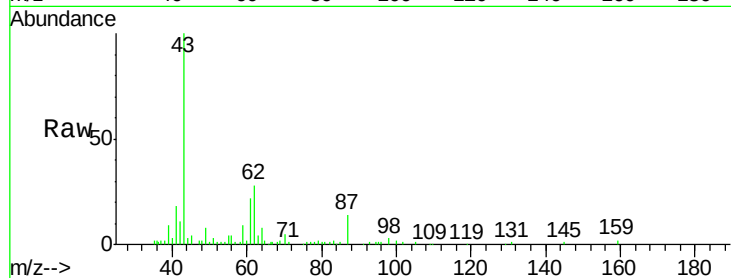
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	43	Resp:	27370
Ion	Ratio	Lower	Upper
43	100		
61	28.4	24.8	37.2
87	12.4	10.4	15.6

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#44

Trichloroethene

Concen: 43.978 ug/l

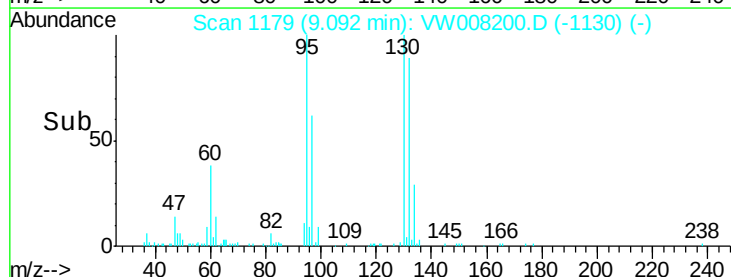
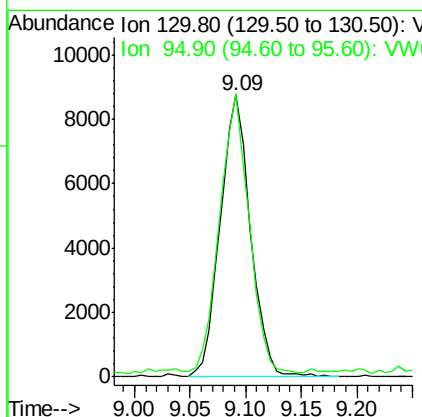
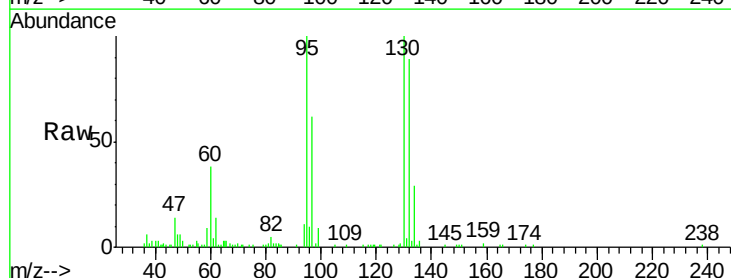
RT: 9.09 min Scan# 1179

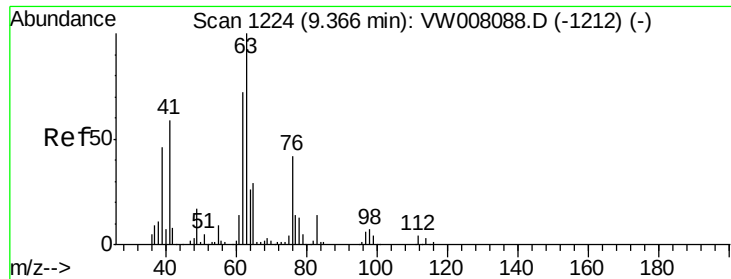
Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion:	130	Resp:	16456
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	202.8





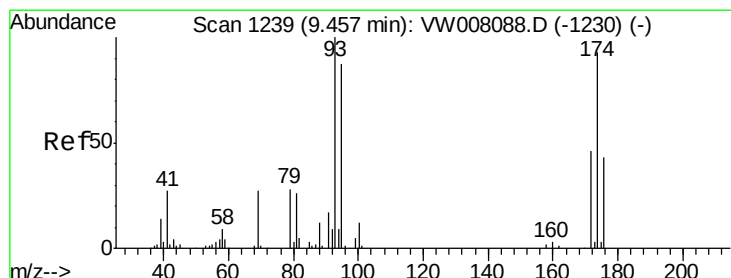
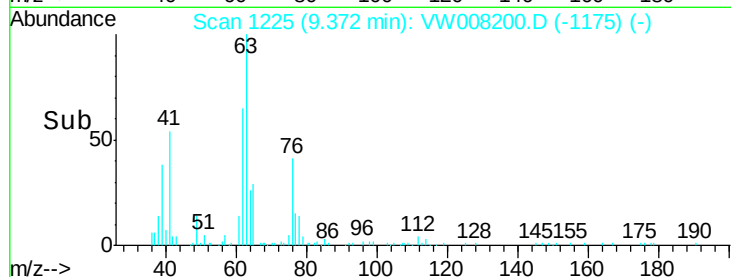
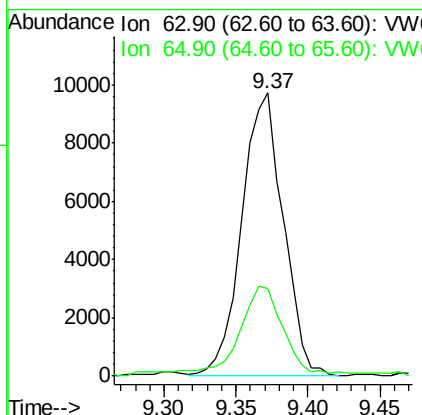
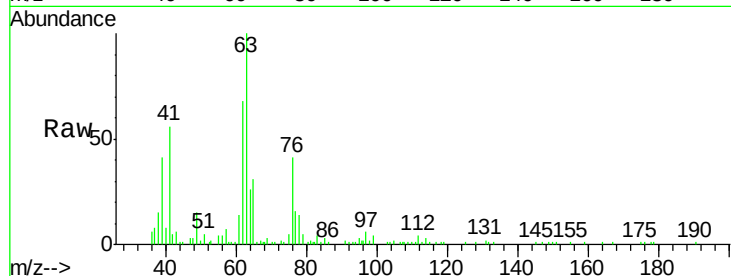
#45
 1,2-Dichloropropane
 Concen: 53.677 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	23.3	34.9

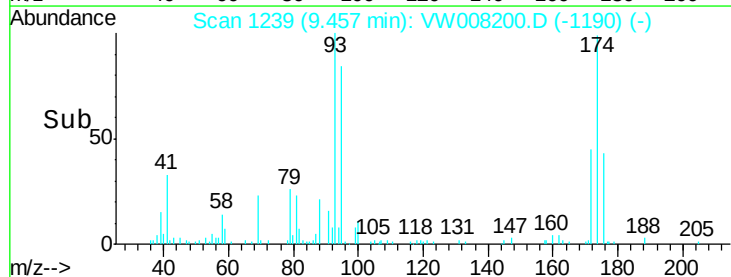
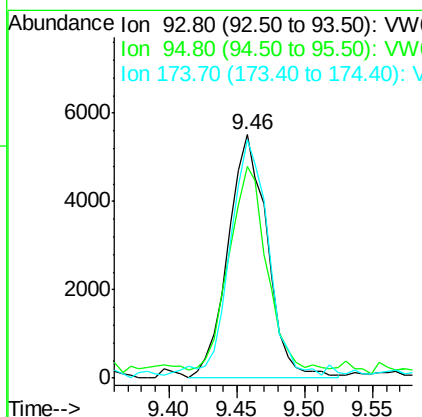
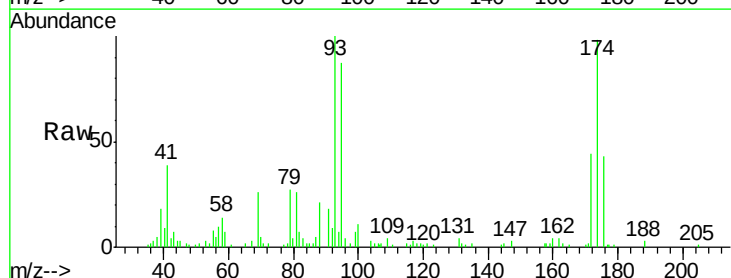
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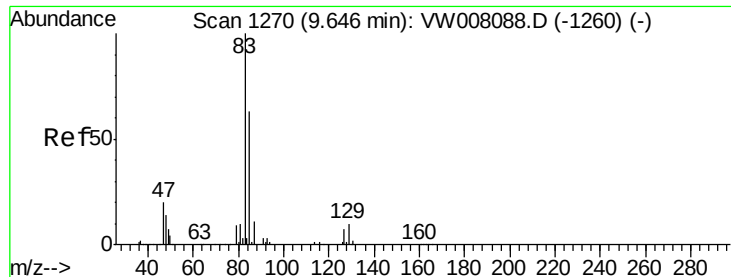
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#46
 Dibromomethane
 Concen: 62.309 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.3	67.5	101.3
174	95.4	72.5	108.7





#47

Bromodichloromethane

Concen: 53.229 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008200.D

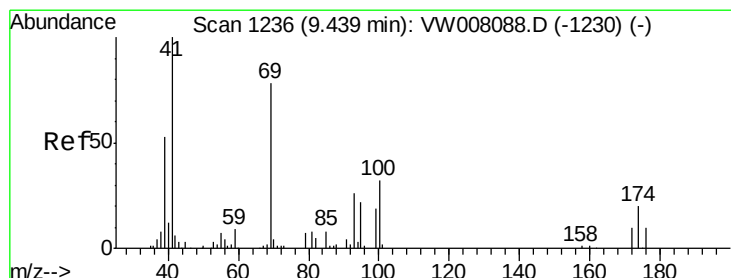
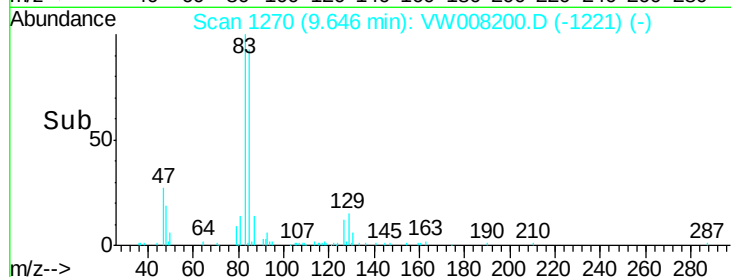
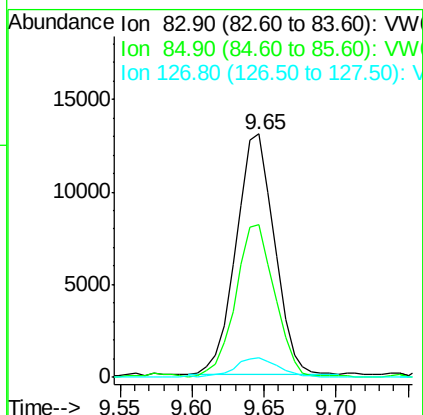
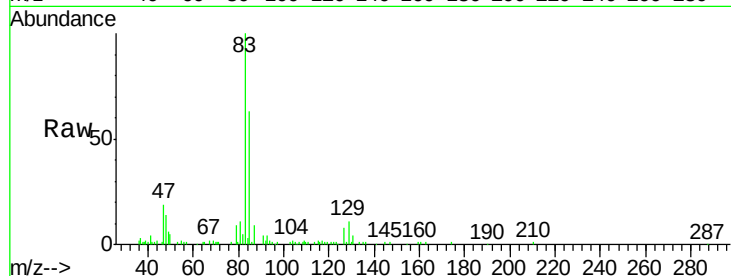
Acq: 11 Jan 2019 17:59

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

Tot Ion:	83	Resp:	24058
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.7	76.1
127	8.1	6.0	9.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 65.853 ug/l

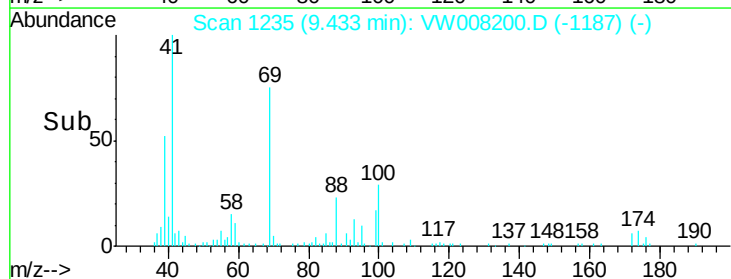
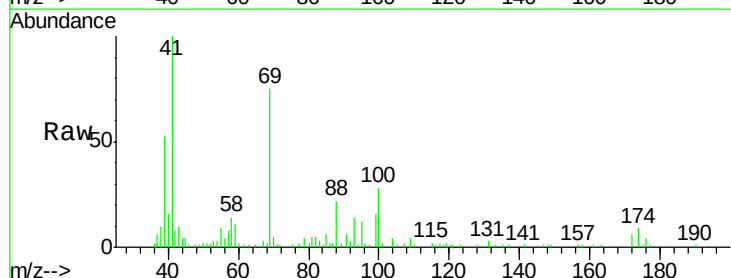
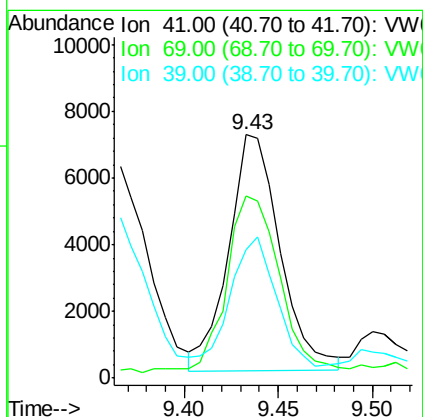
RT: 9.43 min Scan# 1235

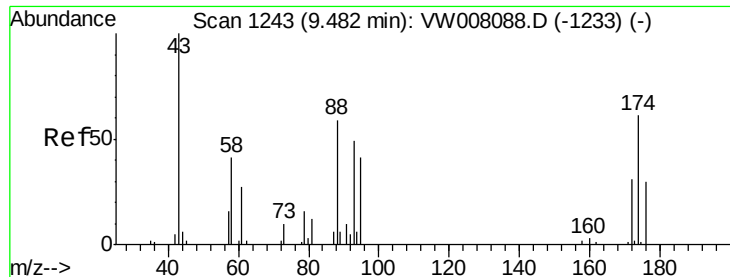
Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion:	41	Resp:	13414
Ion	Ratio	Lower	Upper
41	100		
69	78.0	61.9	92.9
39	54.2	43.0	64.4





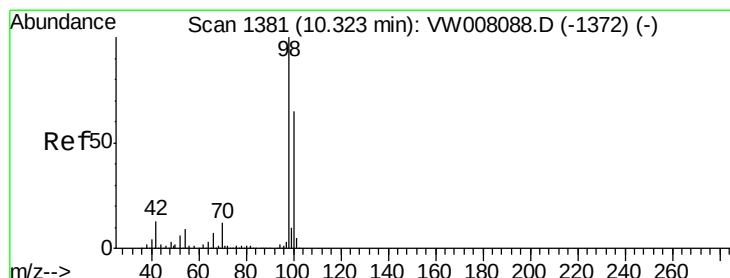
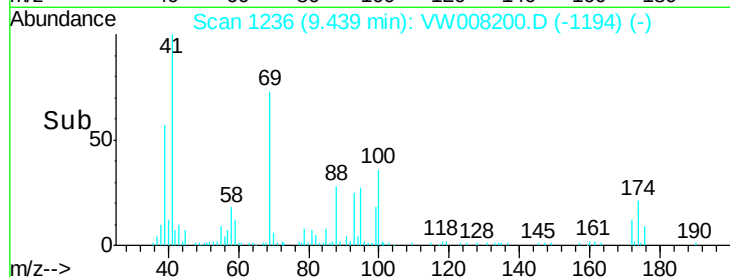
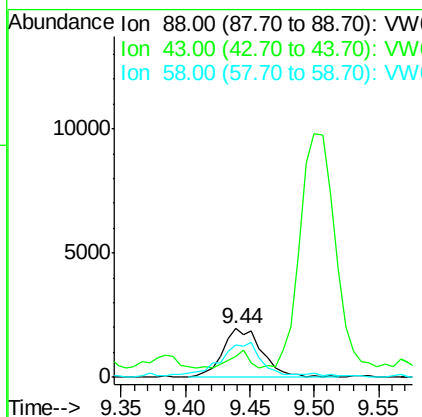
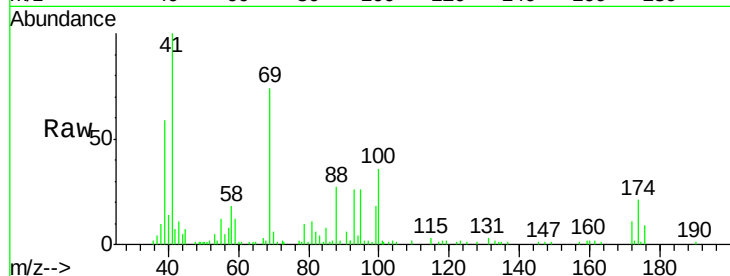
#49
1,4-Dioxane
Concen: 1468.972 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.04 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	0.0	0.0#
58	68.4	61.7	92.5

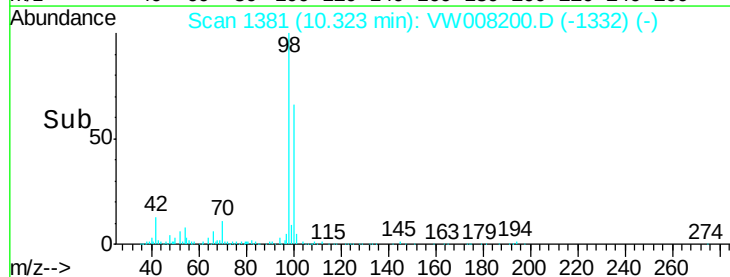
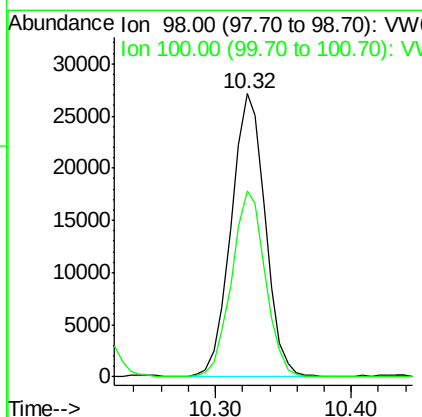
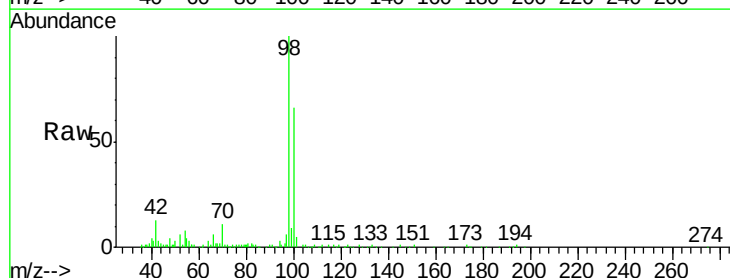
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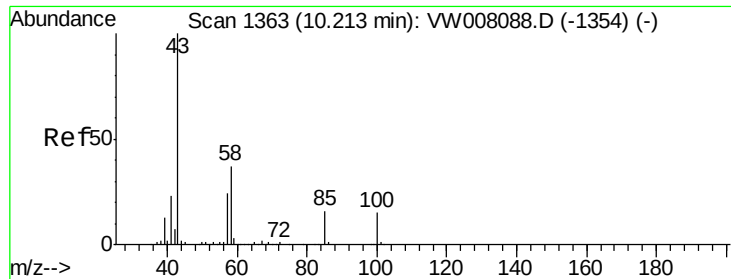
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#50
Toluene-d8
Concen: 36.888 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 308.827 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 43 Resp: 64533

Ion Ratio Lower Upper

43 100

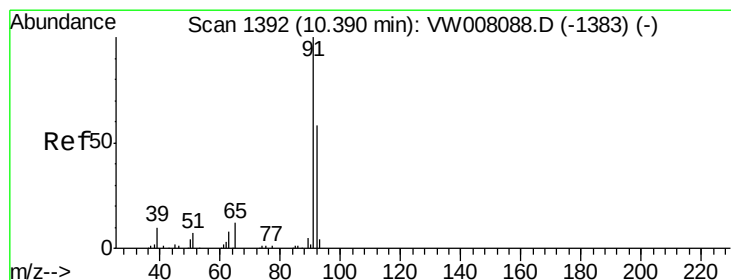
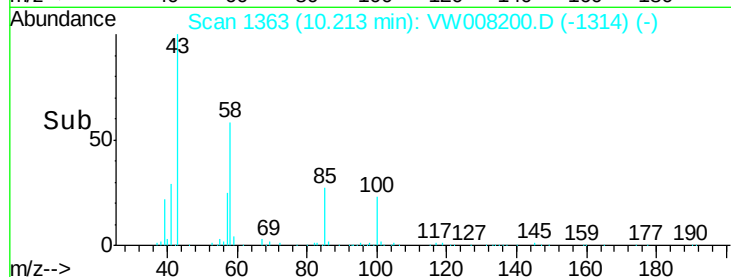
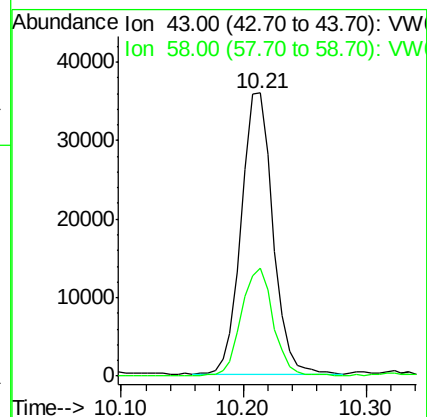
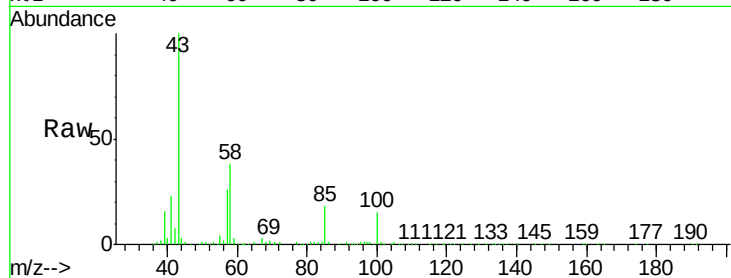
58 38.8 30.6 46.0

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#52

Toluene

Concen: 38.884 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008200.D

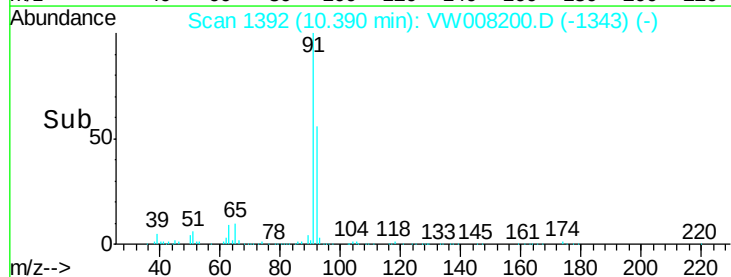
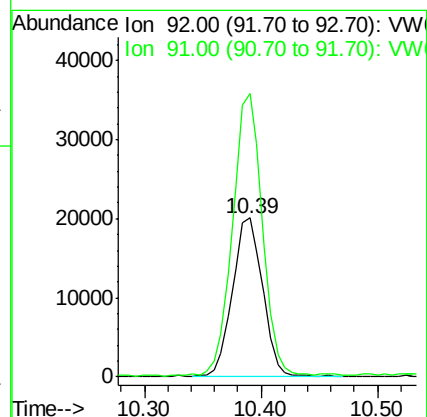
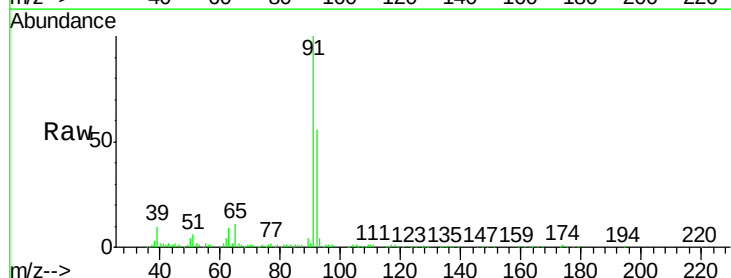
Acq: 11 Jan 2019 17:59

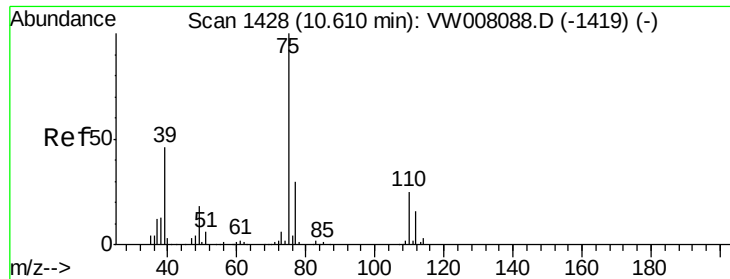
Tgt Ion: 92 Resp: 36299

Ion Ratio Lower Upper

92 100

91 175.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 51.566 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 75 Resp: 24243

Ion Ratio Lower Upper

75 100

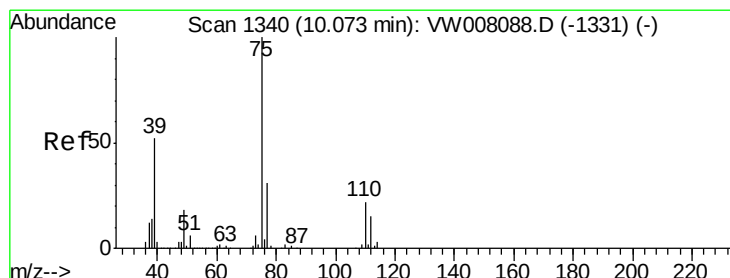
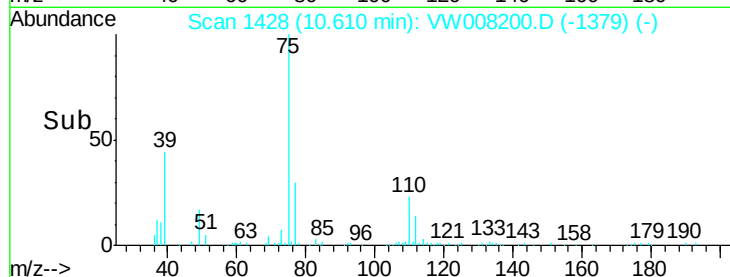
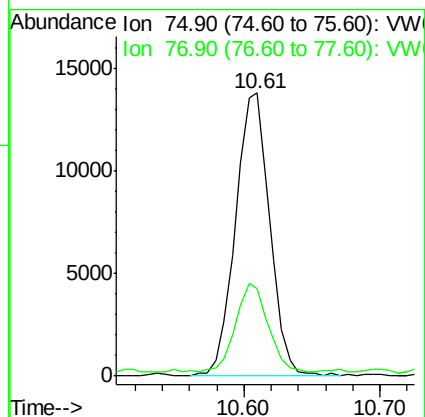
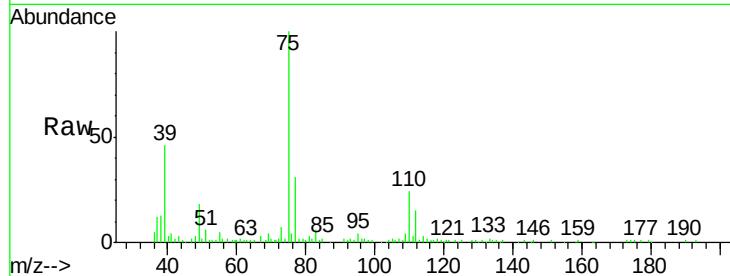
77 29.1 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 49.086 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

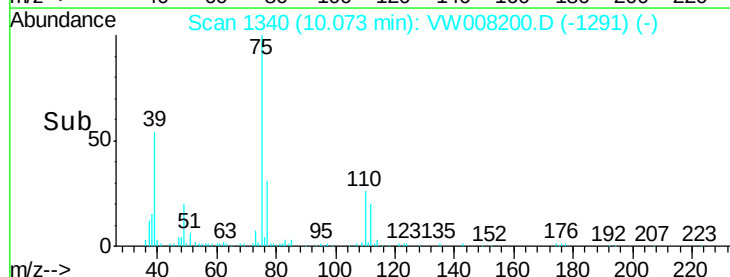
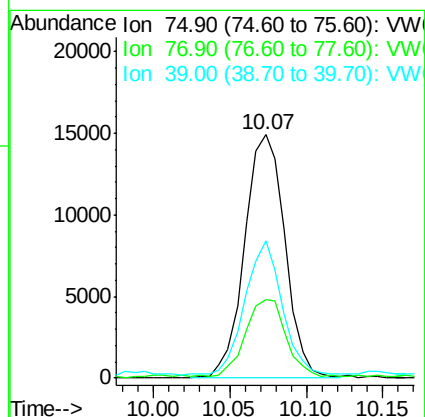
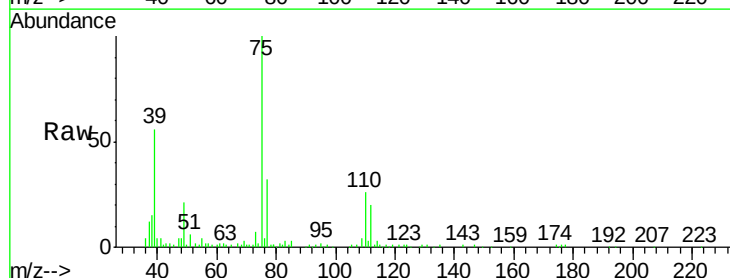
Tgt Ion: 75 Resp: 27365

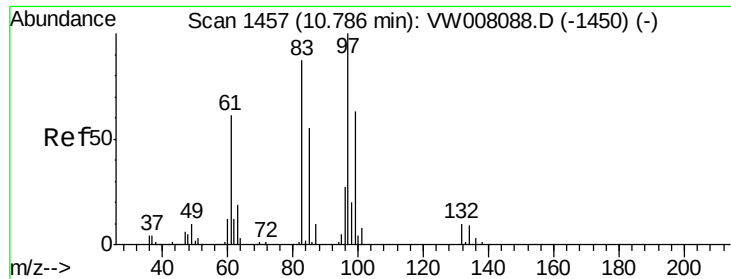
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 54.7 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 59.489 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

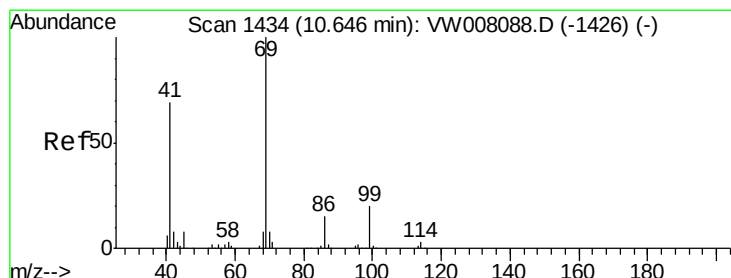
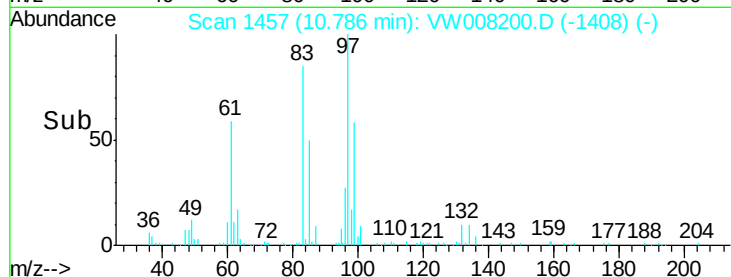
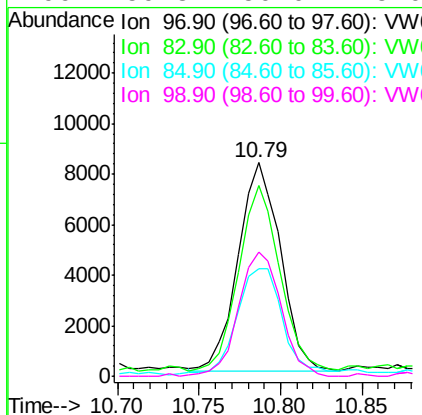
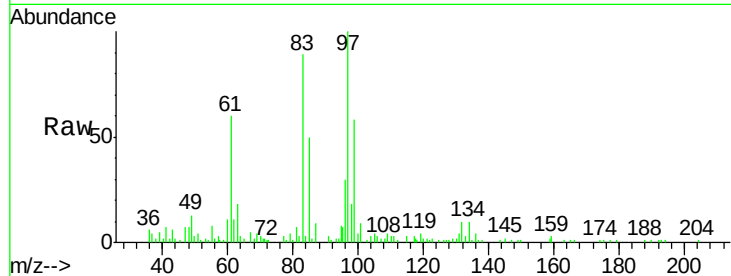
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	97	Resp:	14867
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.3	103.9
85	49.7	43.8	65.6
99	59.8	50.0	75.0

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#56

Ethyl methacrylate

Concen: 61.834 ug/l

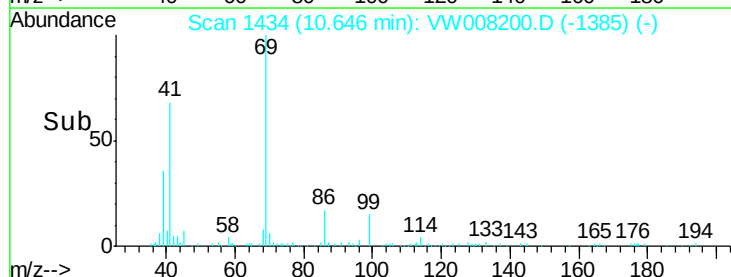
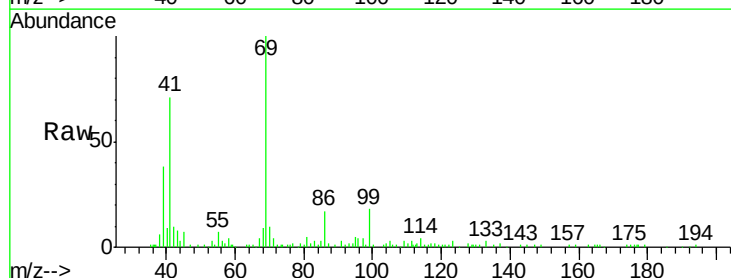
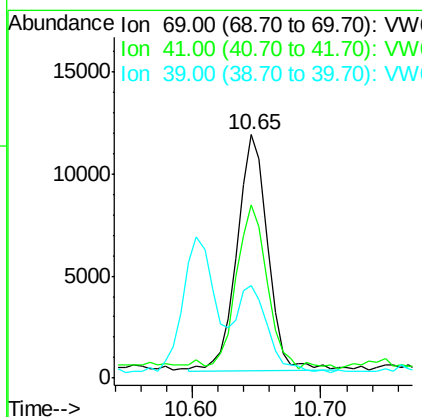
RT: 10.65 min Scan# 1434

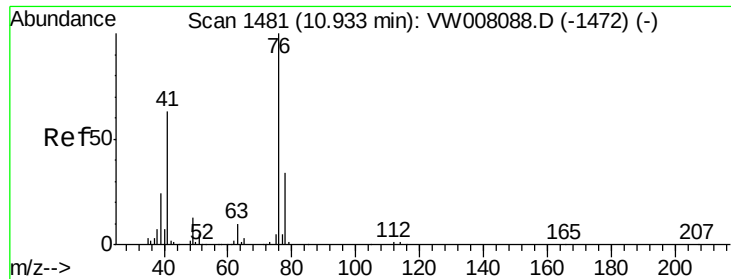
Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion:	69	Resp:	19137
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.4	84.6
39	35.1	28.1	42.1





#57

1,3-Dichloropropane

Concen: 56.873 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 76 Resp: 25994

Ion Ratio Lower Upper

76 100

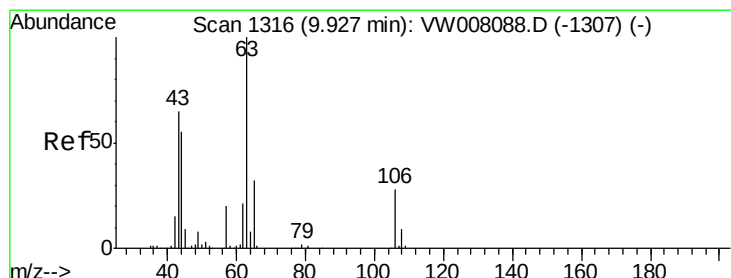
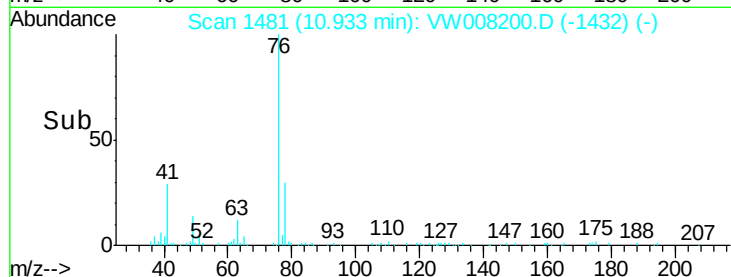
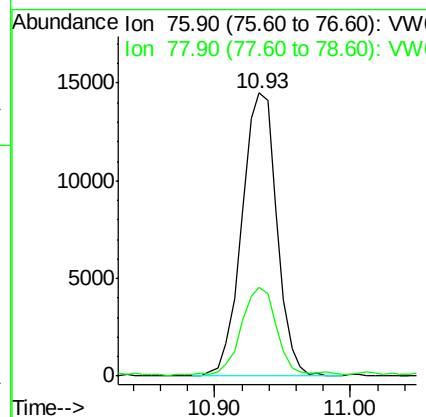
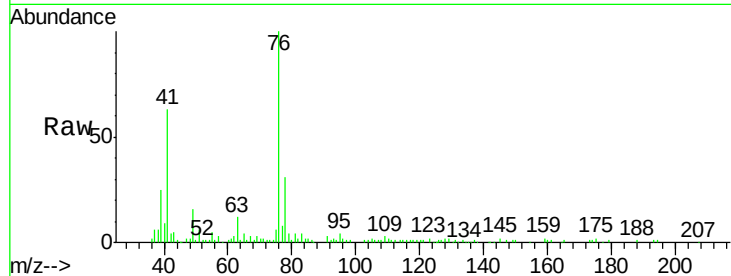
78 32.6 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 280.969 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW008200.D

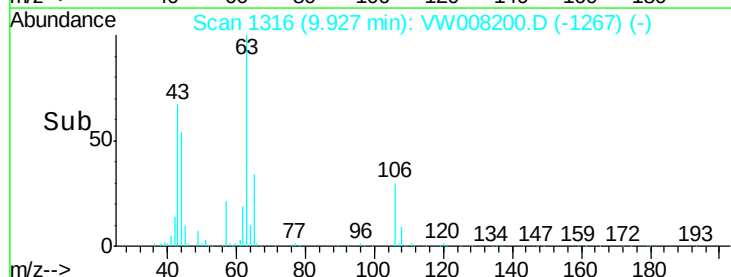
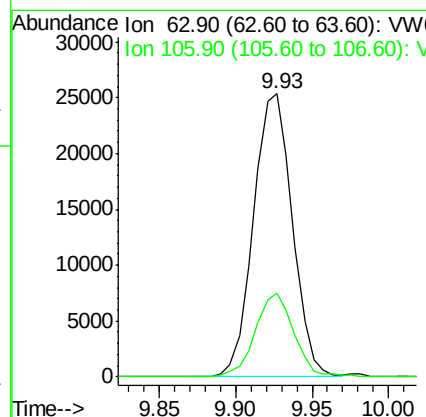
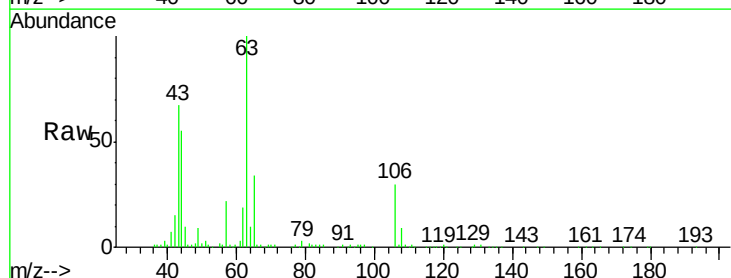
Acq: 11 Jan 2019 17:59

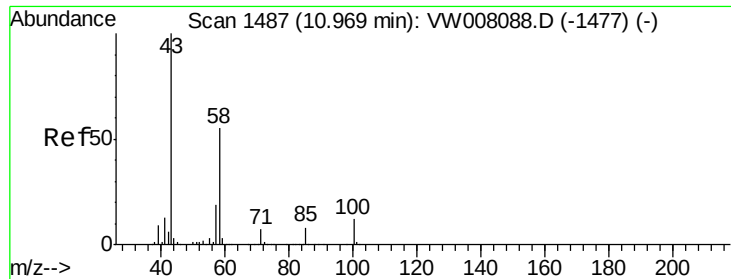
Tgt Ion: 63 Resp: 44918

Ion Ratio Lower Upper

63 100

106 29.4 21.8 32.6





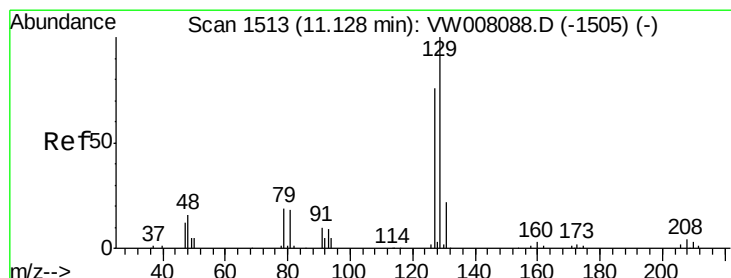
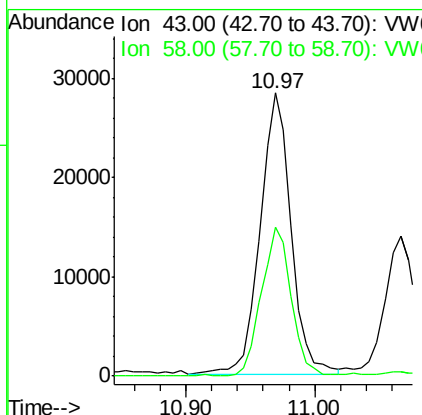
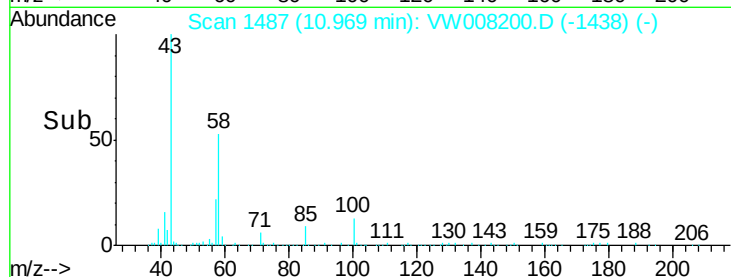
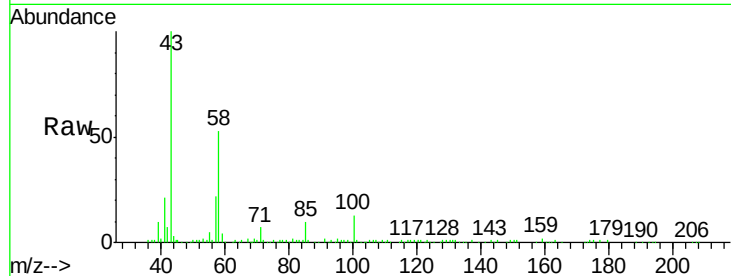
#59
2-Hexanone
Concen: 329.617 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	43	Resp	46578
Ion Ratio	100	Lower	Upper
43	100		
58	51.3	27.2	81.5

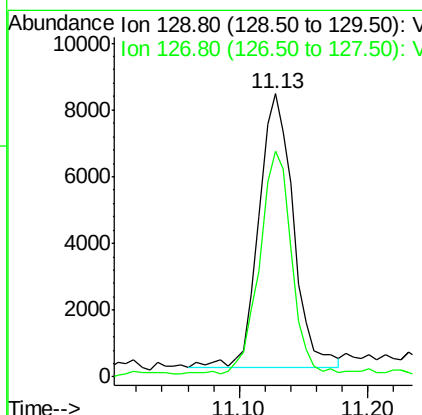
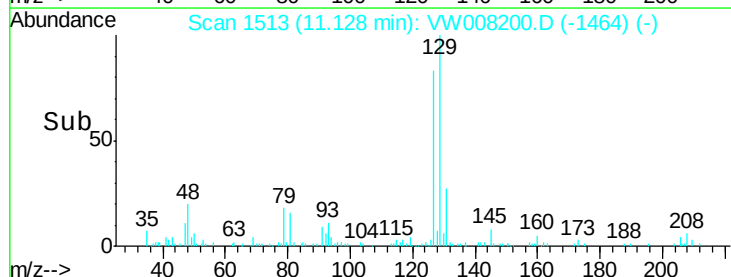
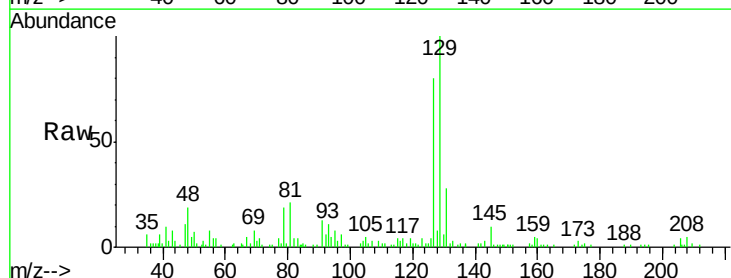
Manual Integrations
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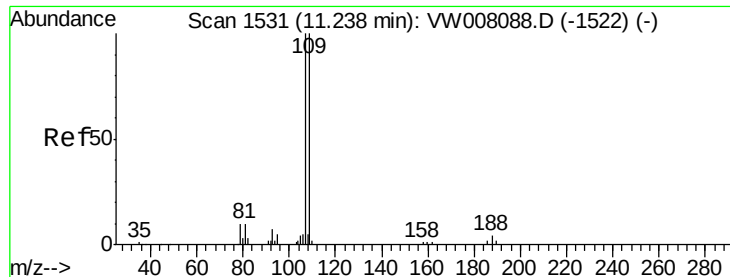
apatel
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#60
Dibromochloromethane
Concen: 55.173 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	129	Resp	15141
Ion Ratio	100	Lower	Upper
129	100		
127	75.5	38.9	116.6





#61

1,2-Dibromoethane

Concen: 53.346 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:107 Resp: 12650

Ion Ratio Lower Upper

107 100

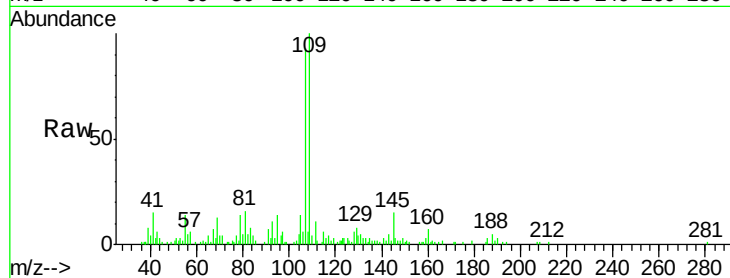
109 94.6 75.9 113.9

Manual Integrations

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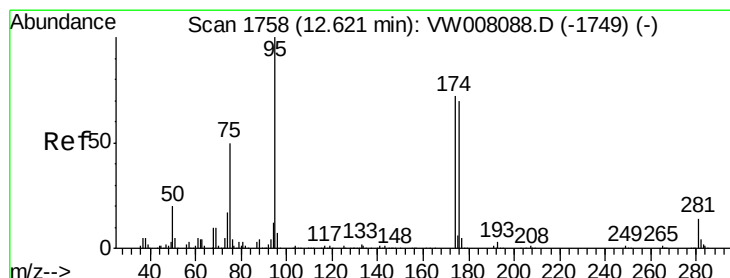
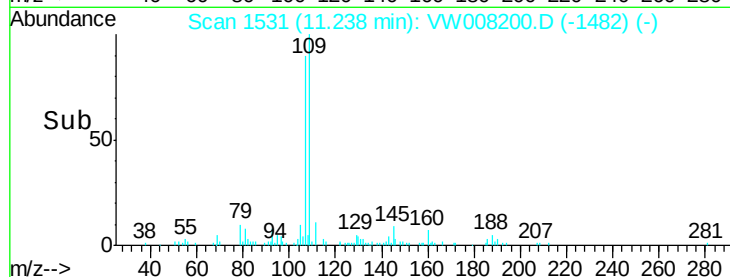
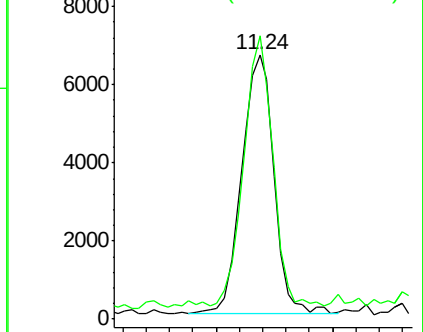
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 29.341 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

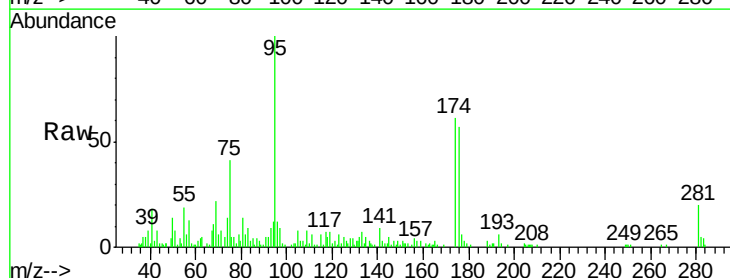
Tgt Ion: 95 Resp: 13469

Ion Ratio Lower Upper

95 100

174 63.8 0.0 143.0

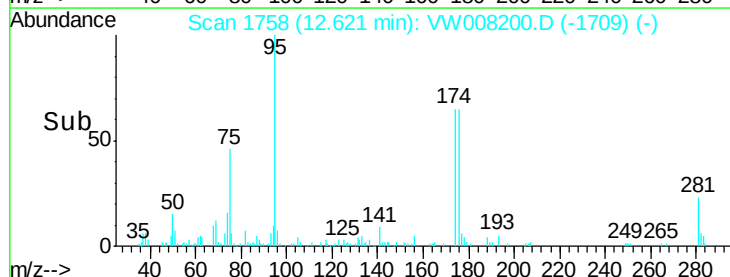
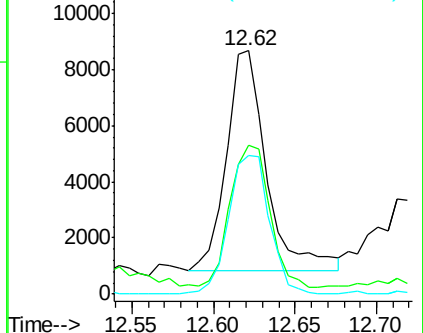
176 64.0 0.0 140.2

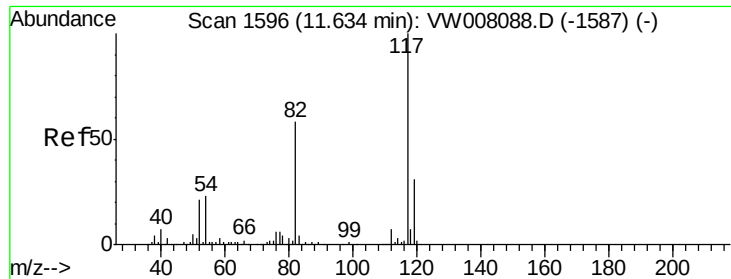


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





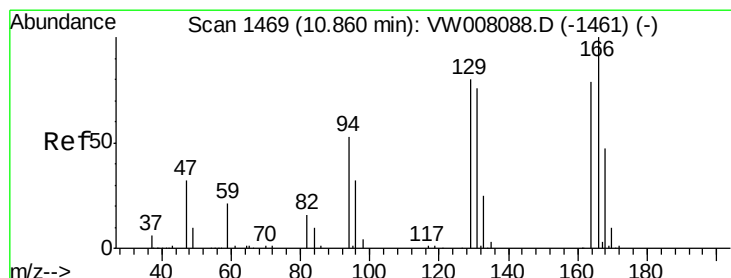
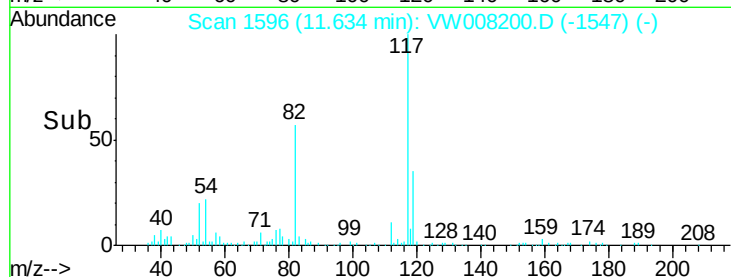
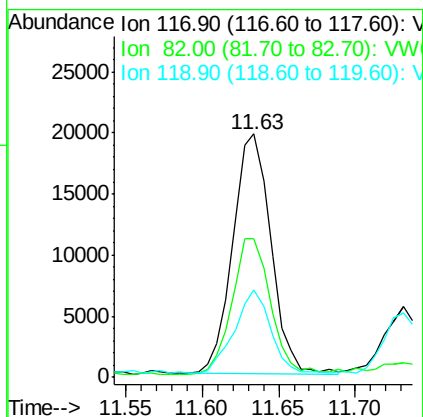
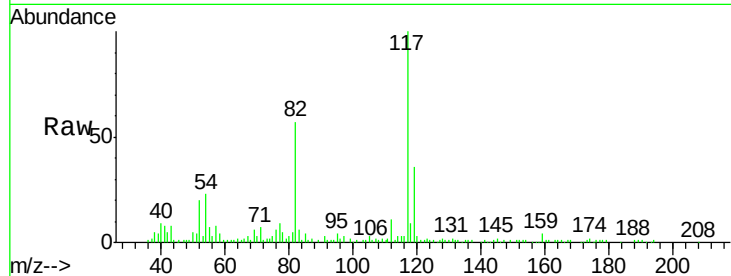
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.4	69.6
119	34.3	24.7	37.1

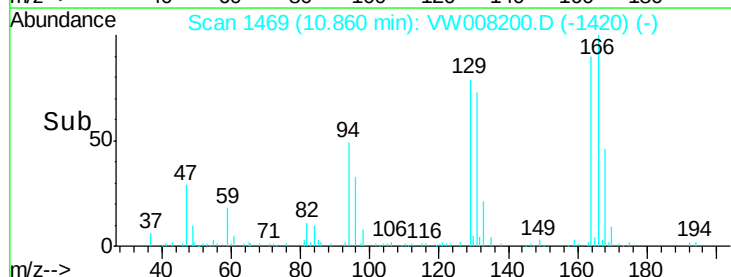
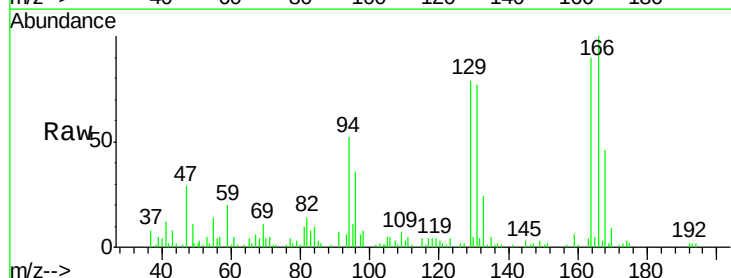
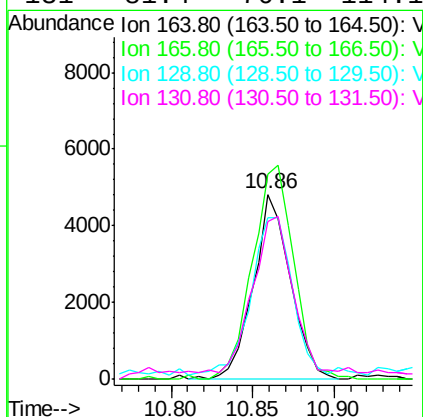
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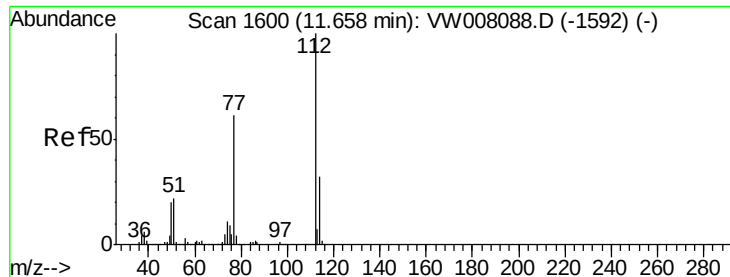
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#64
Tetrachloroethene
Concen: 34.640 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	109.5	100.7	151.1
129	85.2	81.0	121.4
131	81.4	76.1	114.1





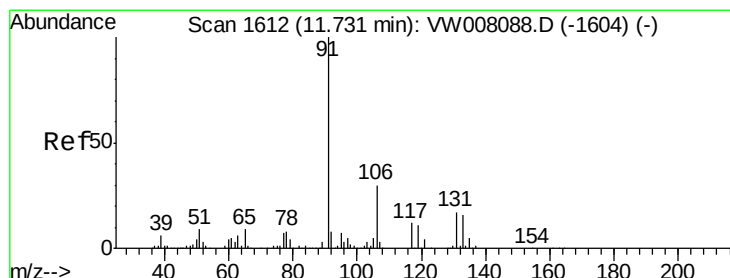
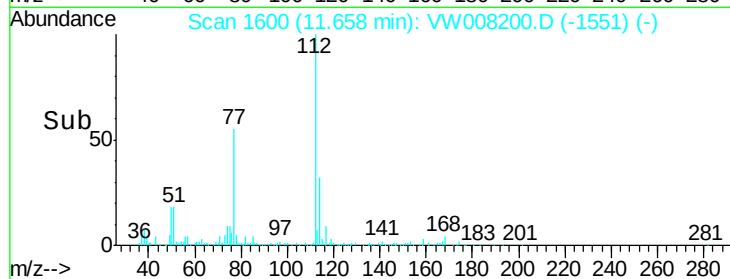
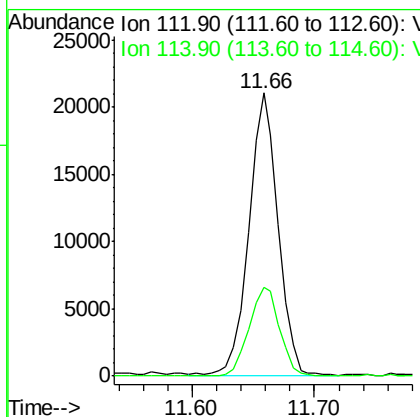
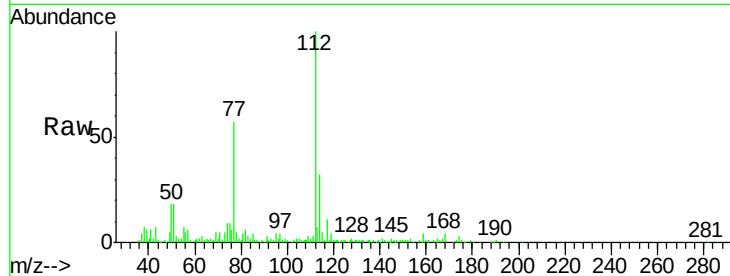
#65
Chlorobenzene
Concen: 48.233 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.6	38.4

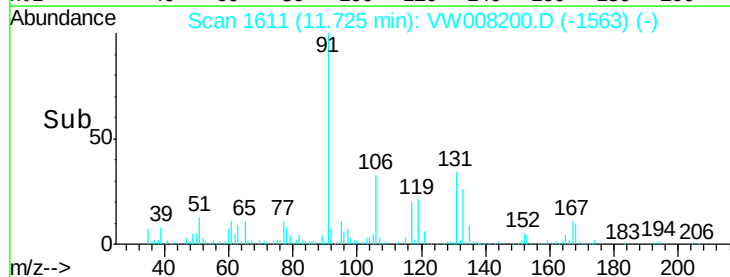
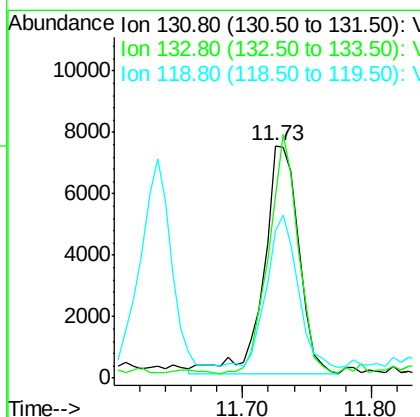
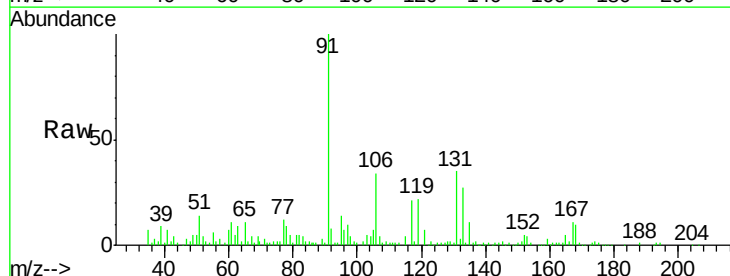
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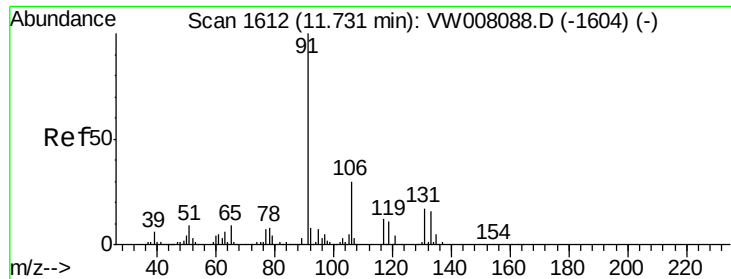
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#66
1,1,1,2-Tetrachloroethane
Concen: 60.199 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	87.7	47.9	143.7
119	62.1	32.5	97.4





#67

Ethyl Benzene

Concen: 33.836 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 91 Resp: 44491

Ion Ratio Lower Upper

91 100

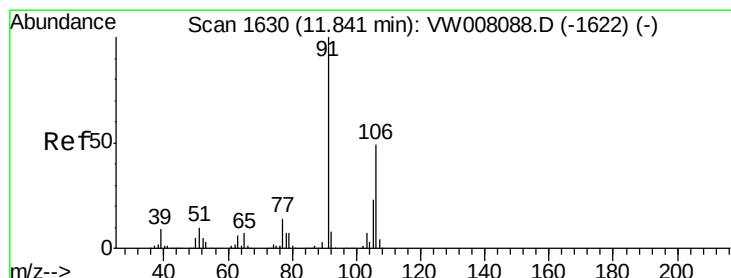
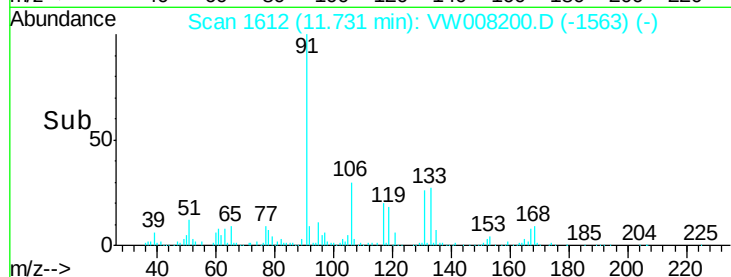
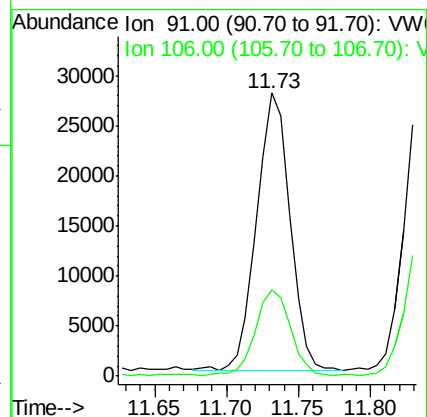
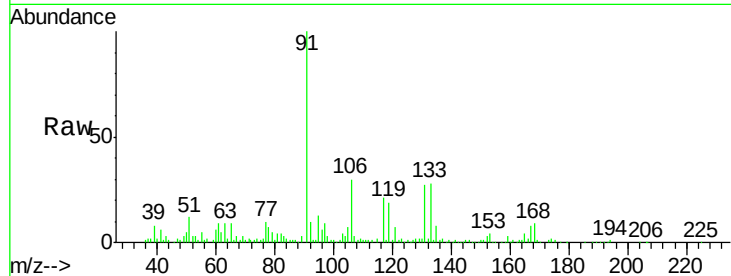
106 30.4 24.2 36.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 68.738 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW008200.D

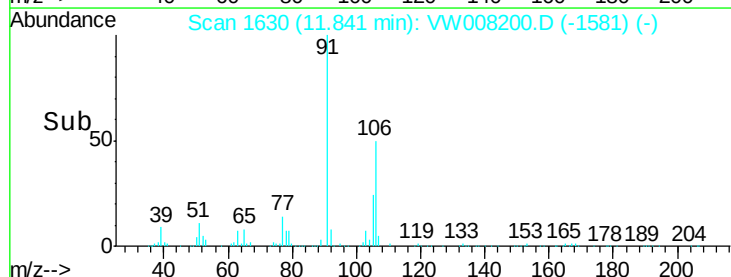
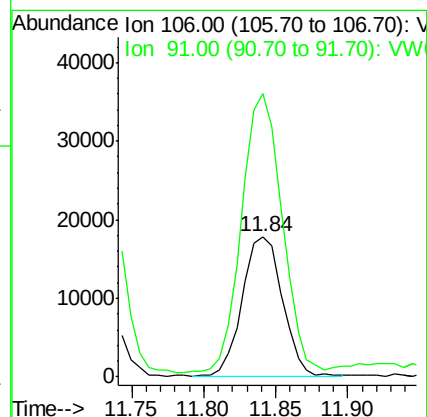
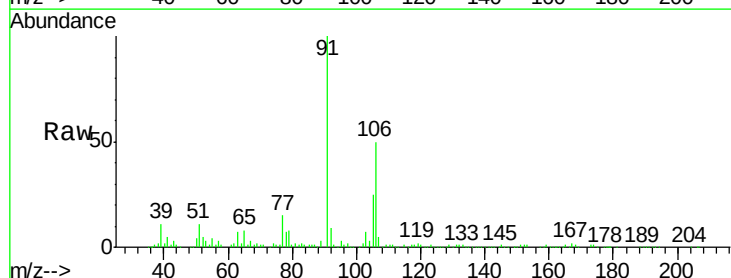
Acq: 11 Jan 2019 17:59

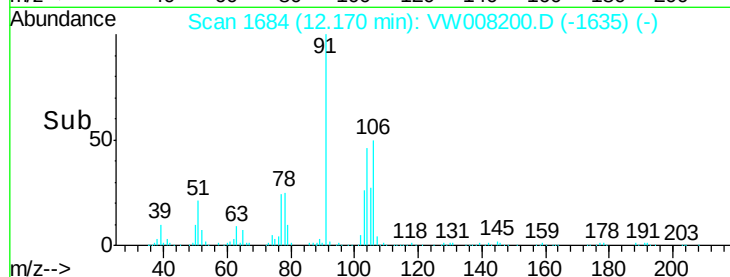
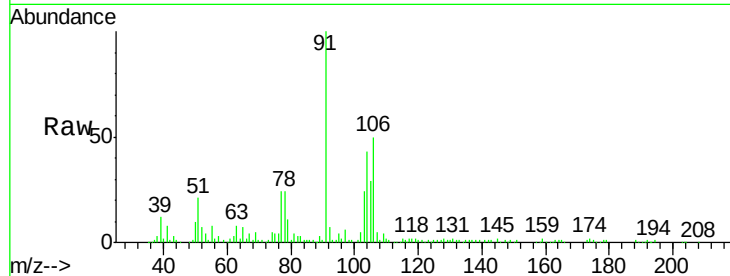
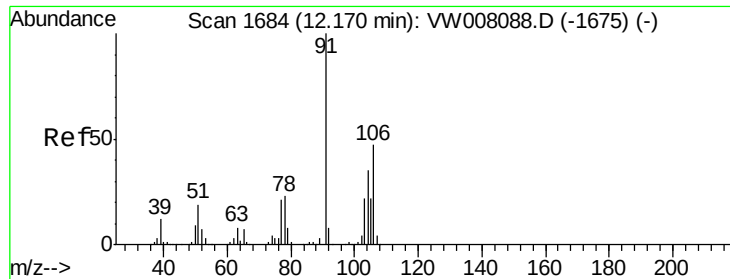
Tgt Ion: 106 Resp: 34499

Ion Ratio Lower Upper

106 100

91 200.3 162.4 243.6





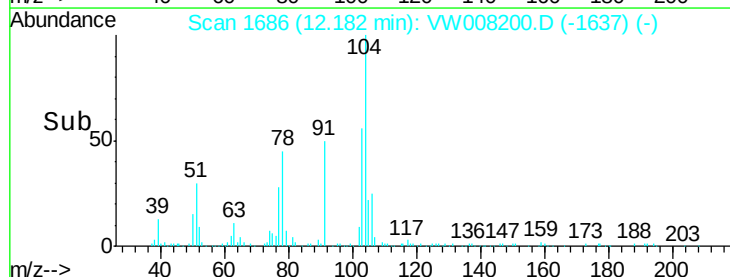
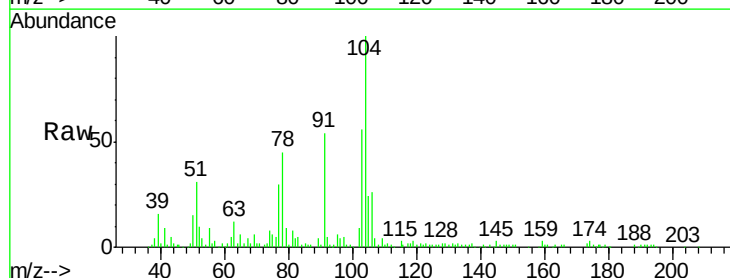
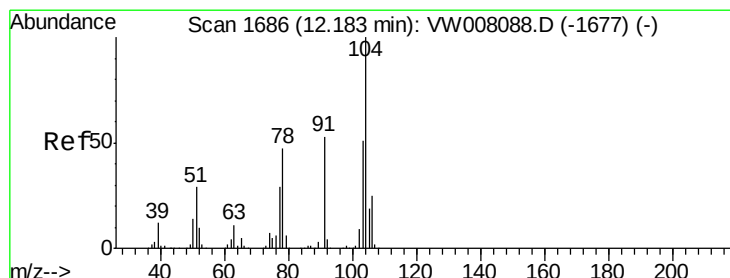
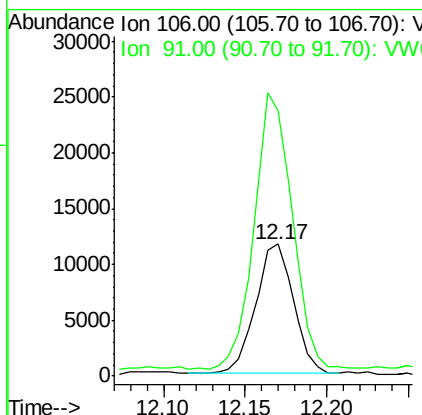
#69
o-Xylene
Concen: 40.465 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tot Ion:106 Resp: 18807
Ion Ratio Lower Upper
106 100
91 214.4 107.8 323.6

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

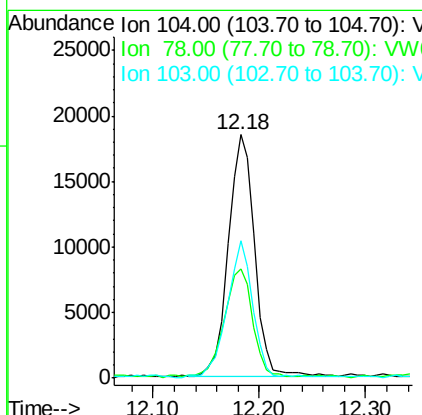
Manual Integrations
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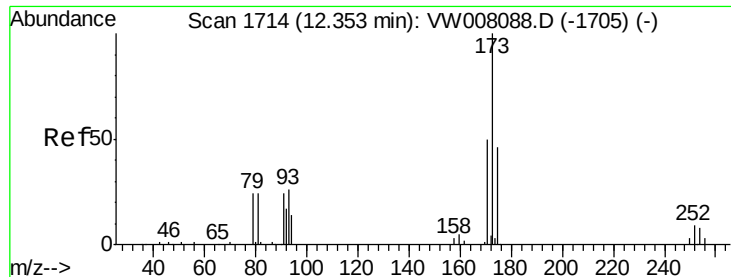
apatel
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#70
Styrene
Concen: 43.435 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion:104 Resp: 31620
Ion Ratio Lower Upper
104 100
78 47.6 41.8 62.8
103 56.4 43.8 65.8





#71

Bromoform

Concen: 79.390 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

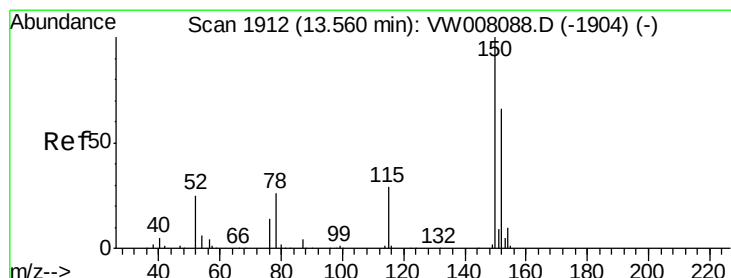
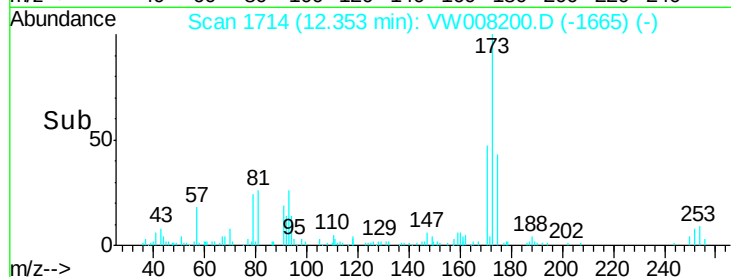
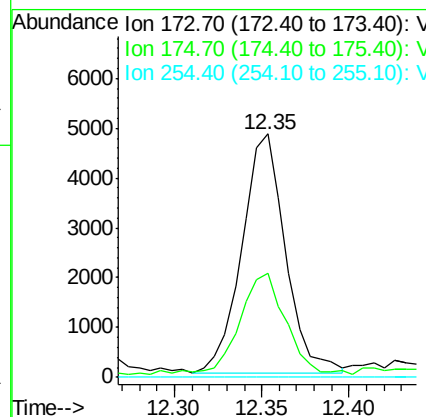
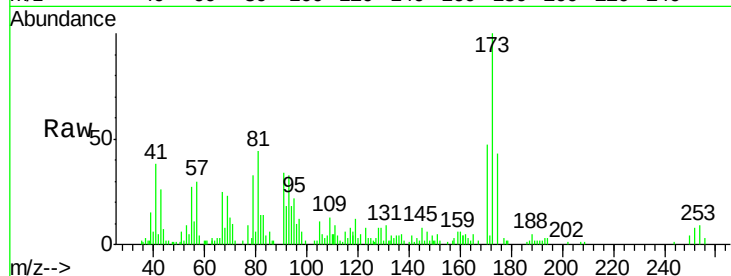
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	173	Resp:	8305
Ion Ratio	Lower	Upper	
173	100		
175	50.5	23.3	69.8
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

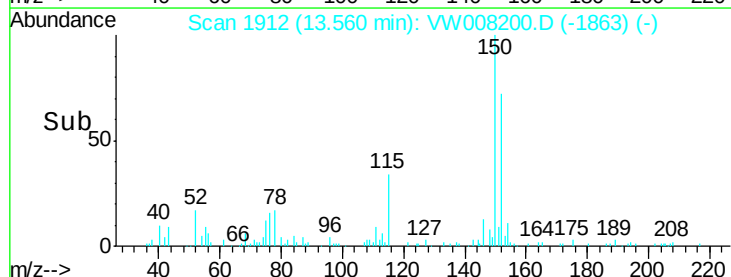
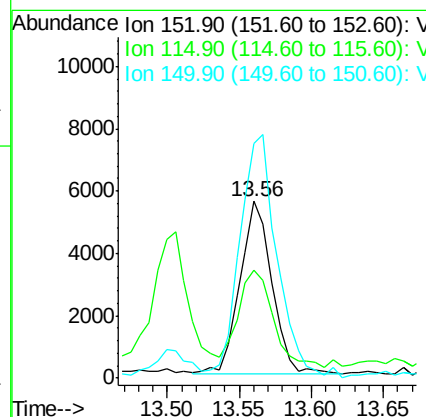
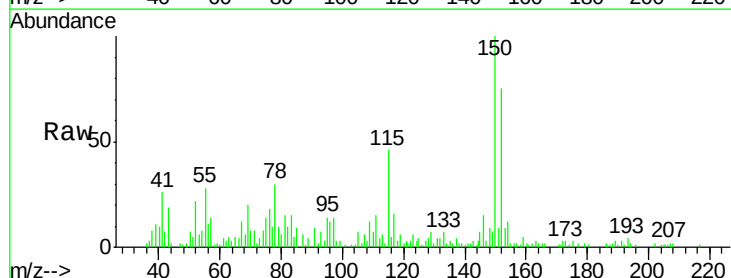
RT: 13.56 min Scan# 1912

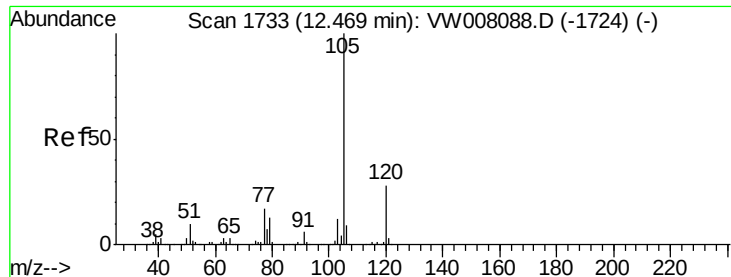
Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion:	152	Resp:	8571
Ion Ratio	Lower	Upper	
152	100		
115	61.6	30.8	92.4
150	160.1	0.0	350.2





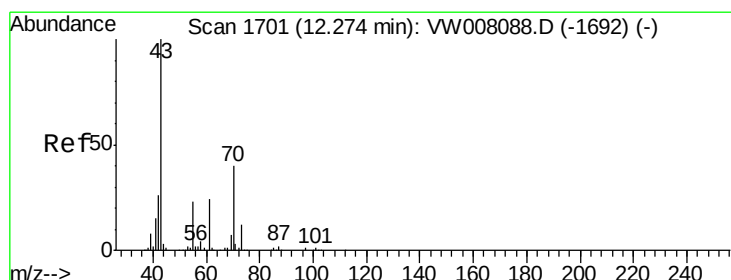
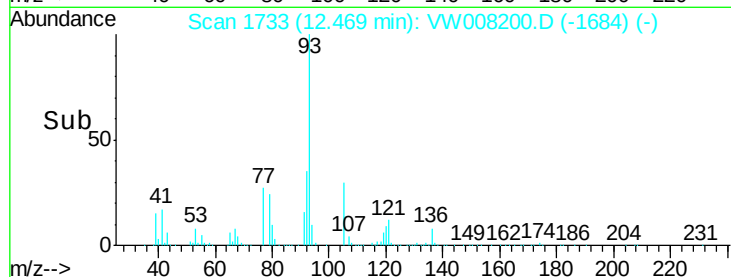
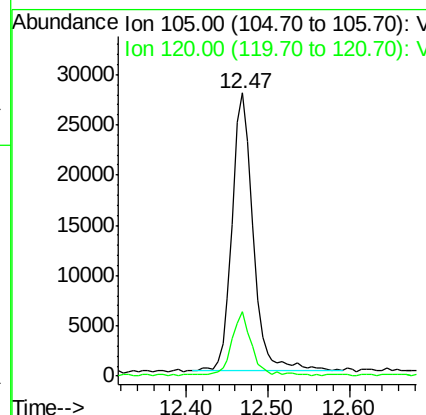
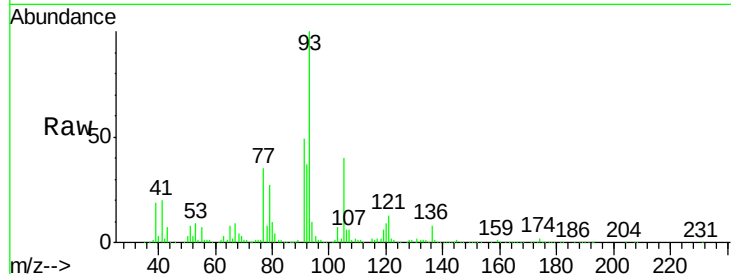
#73
Isopropylbenzene
Concen: 73.195 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	19.6	13.6	40.8

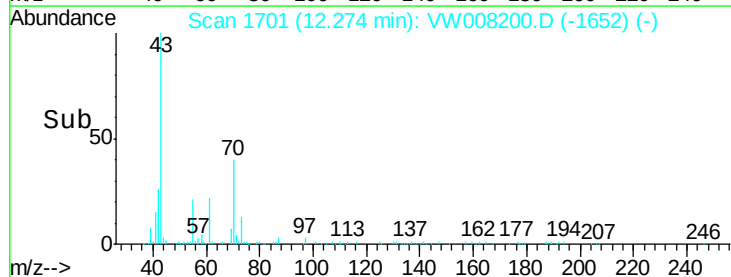
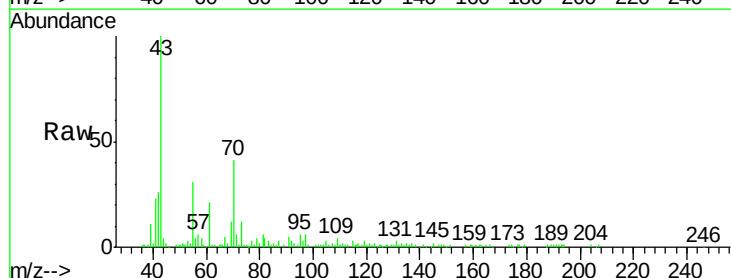
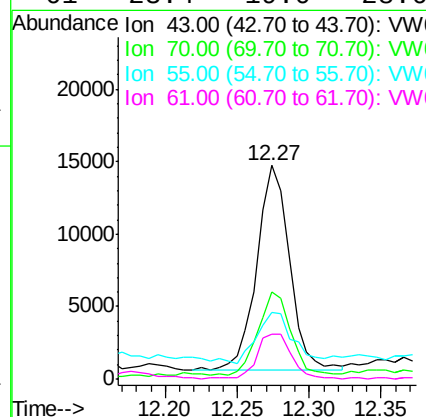
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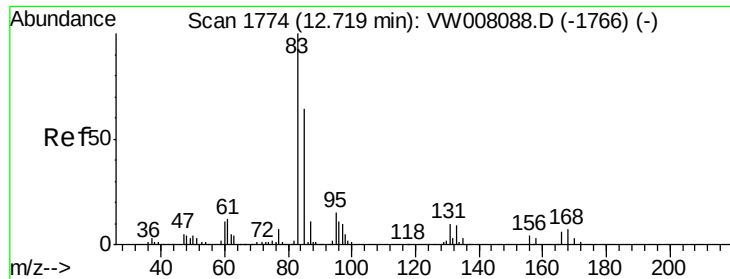
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#74
N-ethyl acetate
Concen: 147.955 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.8	32.4	48.6
55	27.3	18.7	28.1
61	23.4	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 165.123 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

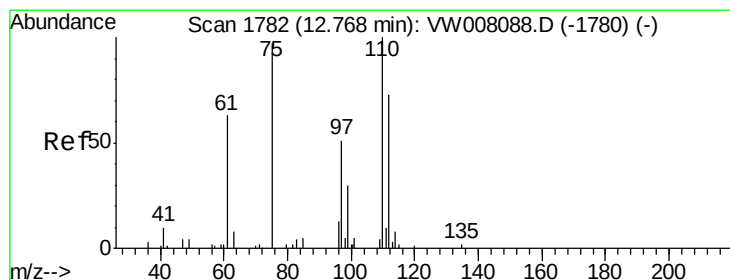
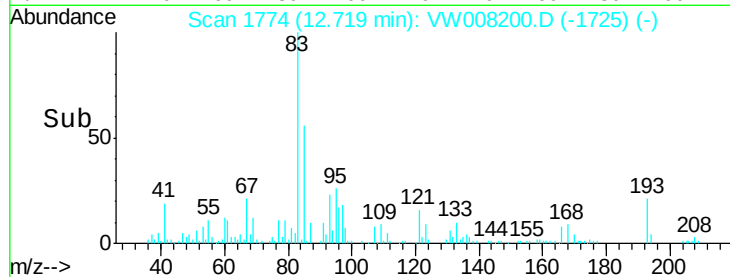
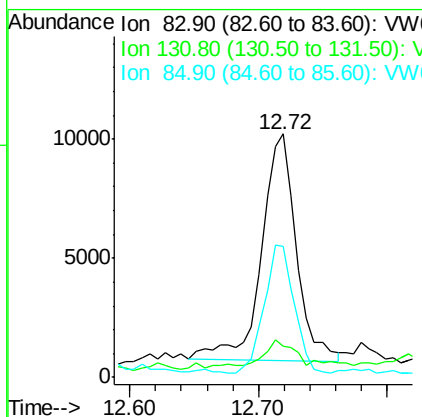
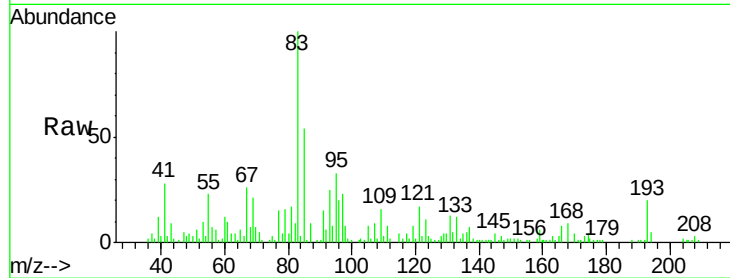
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	83	Resp:	17785
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	49.3	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 140.541 ug/l m

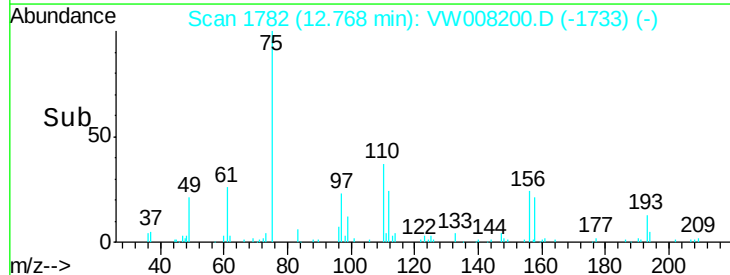
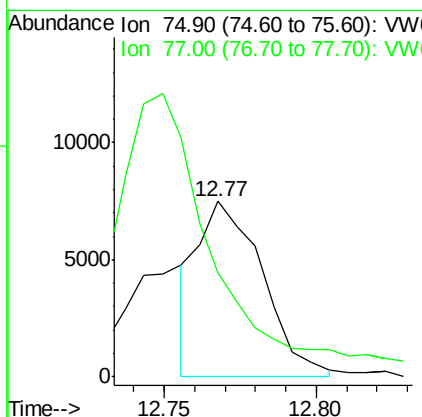
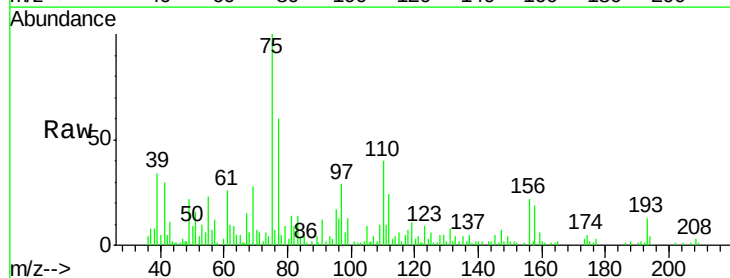
RT: 12.77 min Scan# 1782

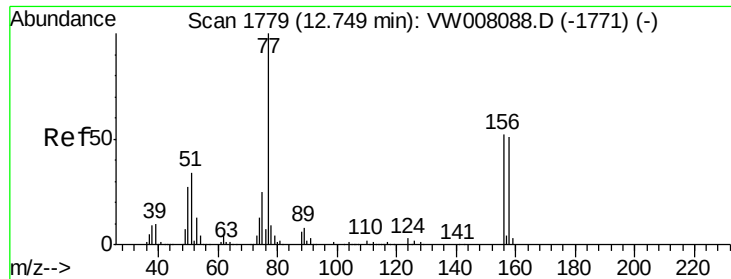
Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion:	75	Resp:	10981
Ion Ratio	Lower	Upper	
75	100		
77	232.7	179.4	538.2





#77

Bromobenzene

Concen: 76.929 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:156 Resp: 10938

Ion Ratio Lower Upper

156 100

77 233.6 104.2 312.5

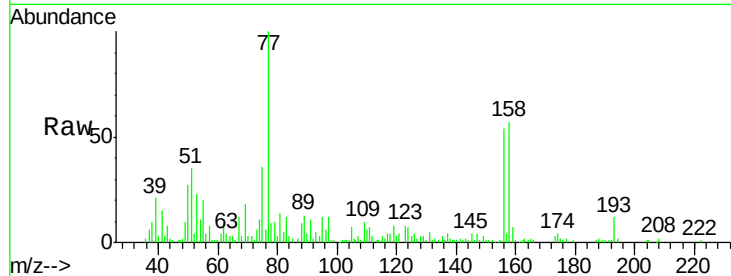
158 101.4 47.9 143.6

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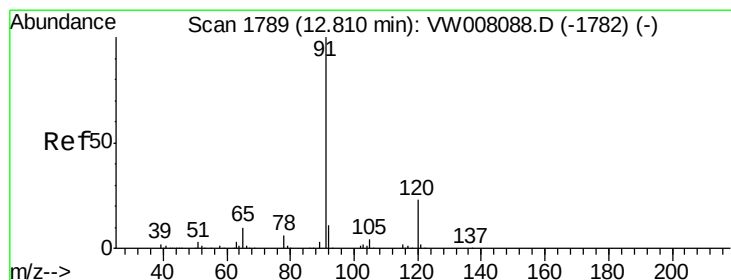
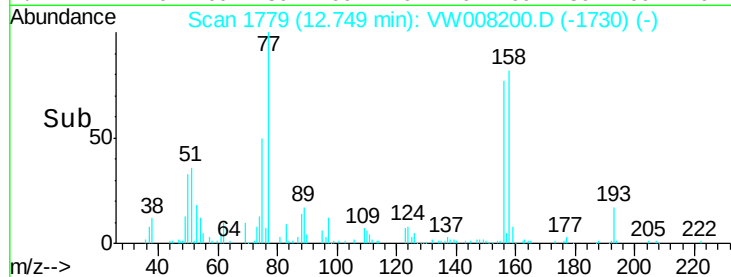
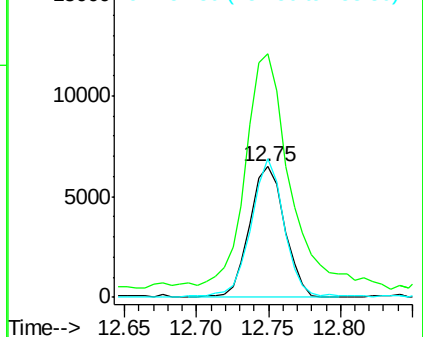
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 38.568 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008200.D

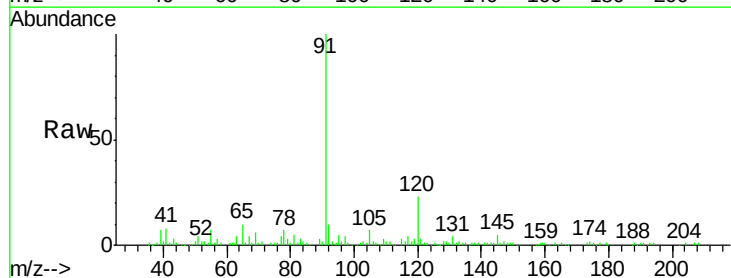
Acq: 11 Jan 2019 17:59

Tgt Ion: 91 Resp: 31799

Ion Ratio Lower Upper

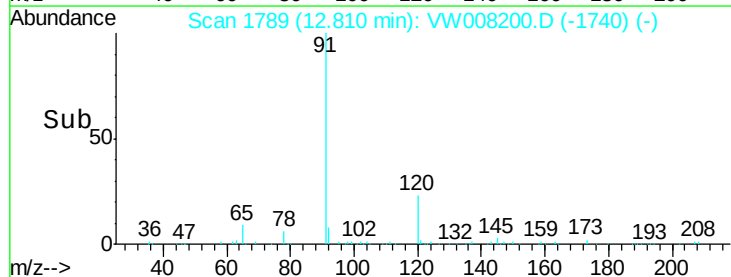
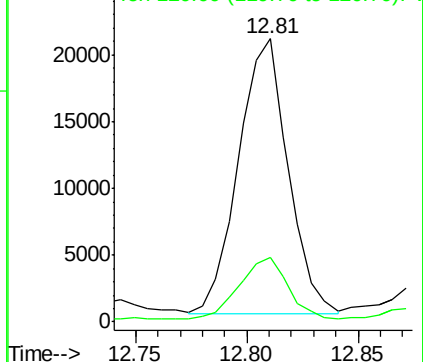
91 100

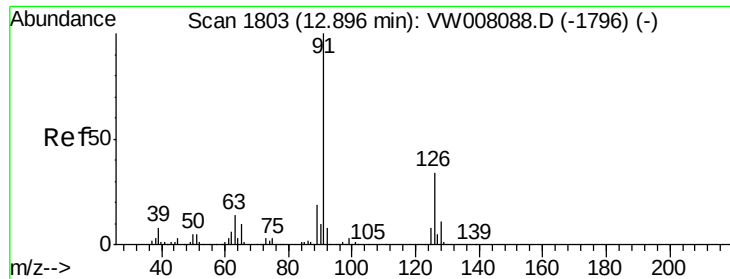
120 21.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.497 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion: 91 Resp: 23688

Ion Ratio Lower Upper

91 100

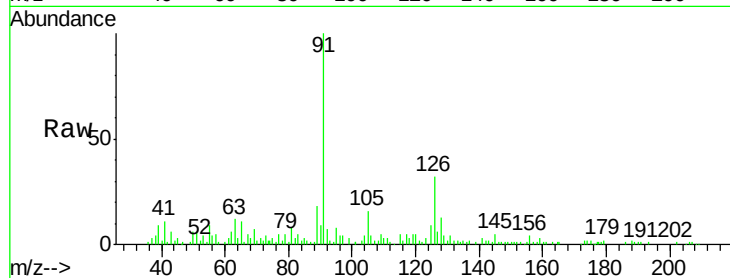
126 32.4 16.8 50.3

Manual Integrations

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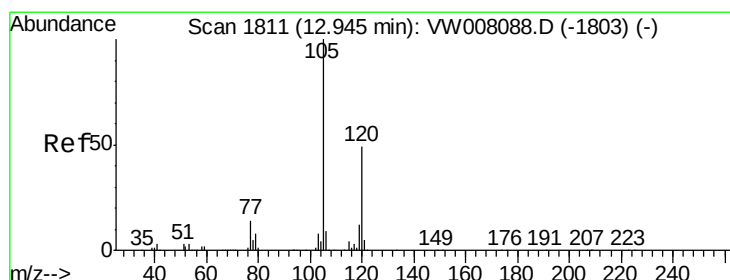
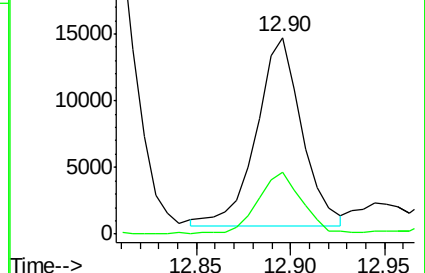
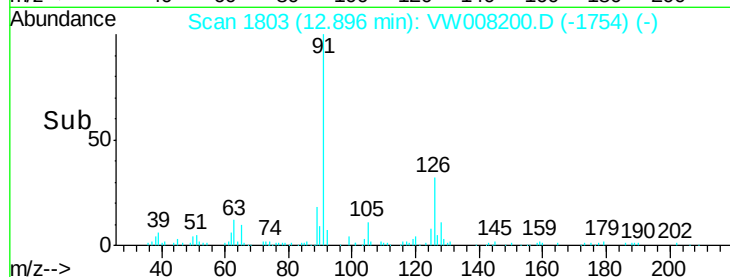
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 37.784 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008200.D

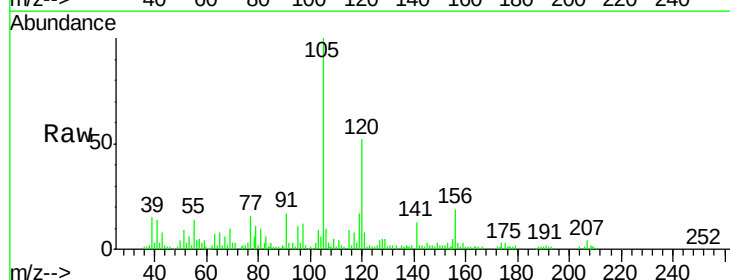
Acq: 11 Jan 2019 17:59

Tgt Ion:105 Resp: 20893

Ion Ratio Lower Upper

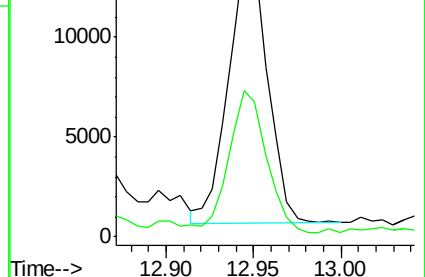
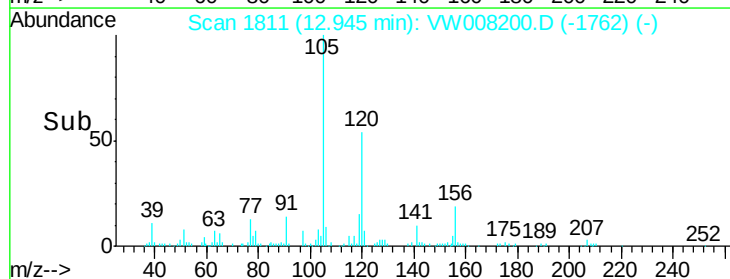
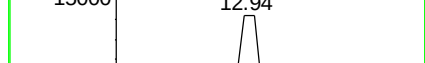
105 100

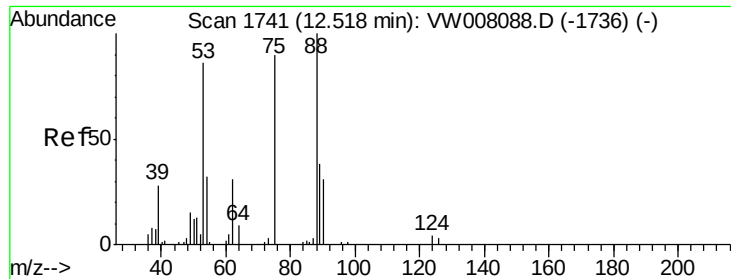
120 50.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 116.116 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Instrument :

MSVOA_W

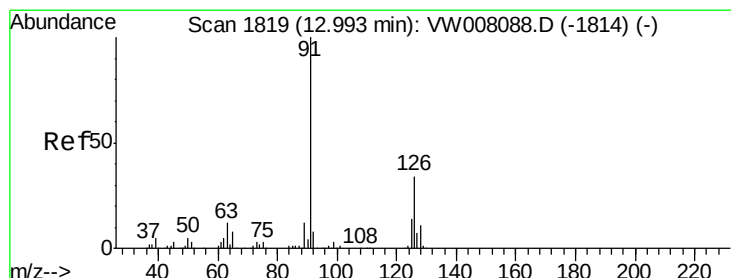
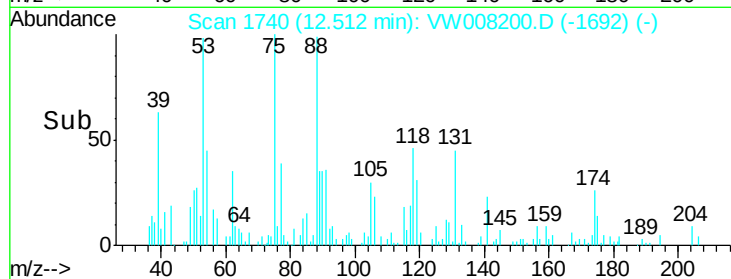
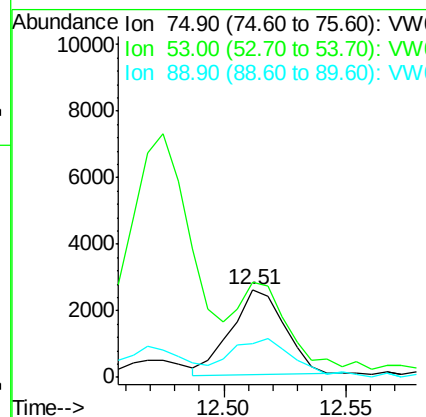
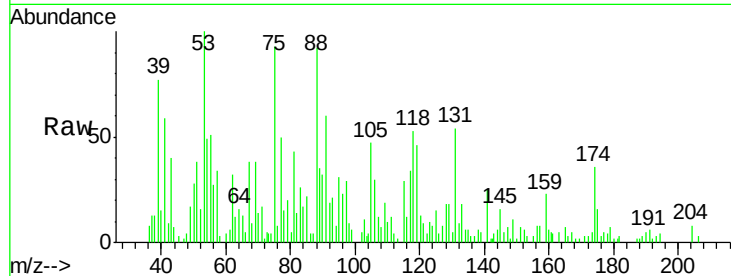
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	78.8	118.2
89	53.7	35.4	53.2#

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#82

4-Chlorotoluene

Concen: 50.586 ug/l

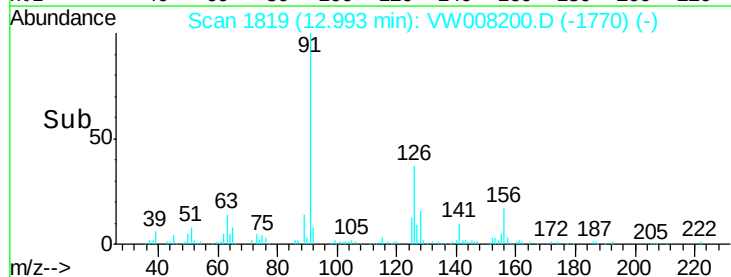
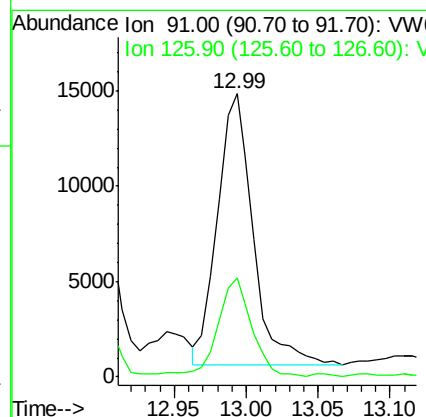
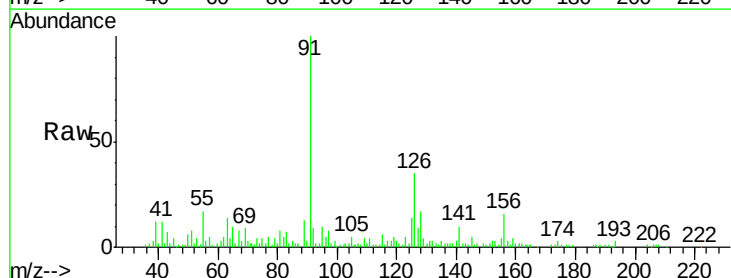
RT: 12.99 min Scan# 1819

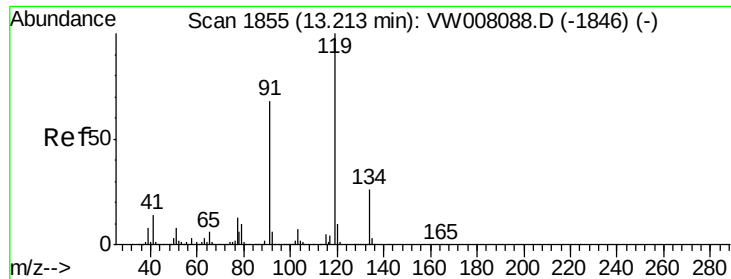
Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	16.5	49.5





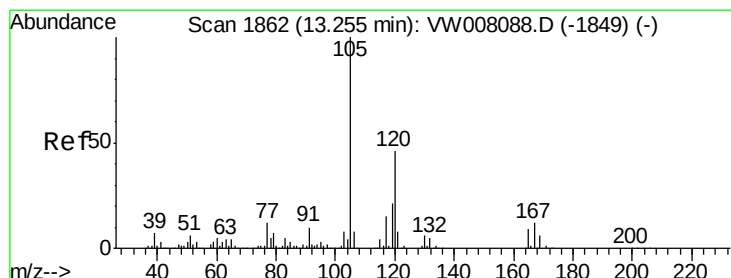
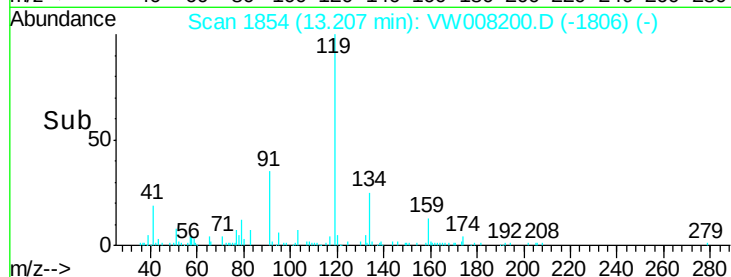
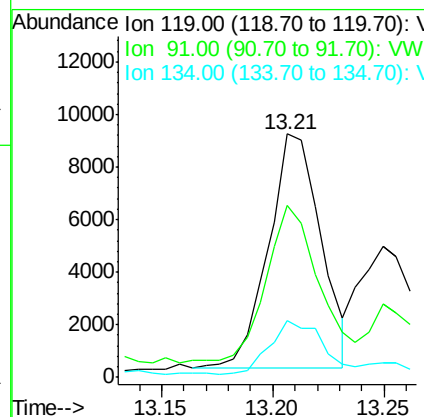
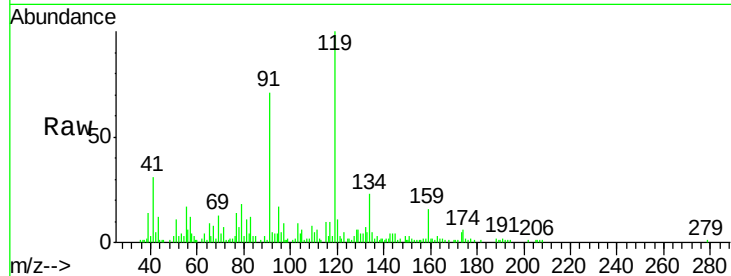
#83
 tert-Butylbenzene
 Concen: 29.714 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	33.9	101.6
134	23.3	13.6	40.8

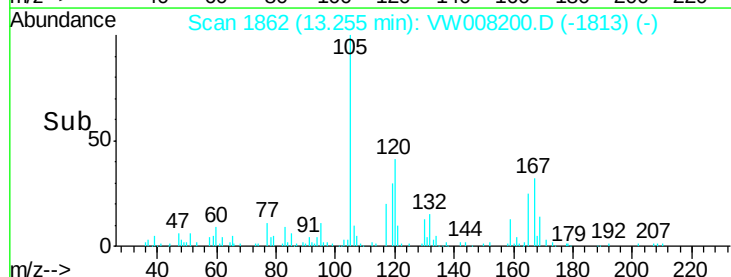
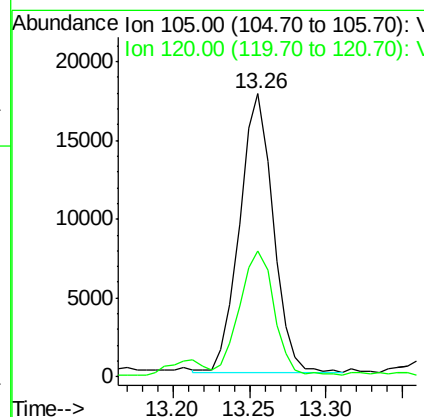
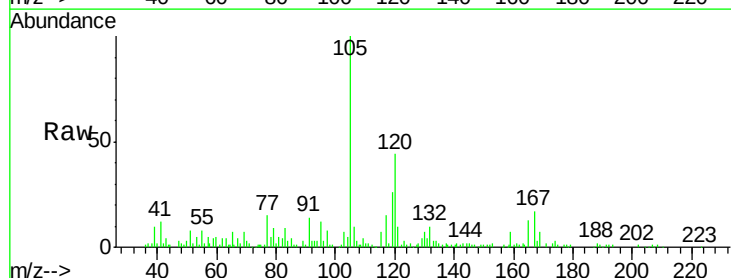
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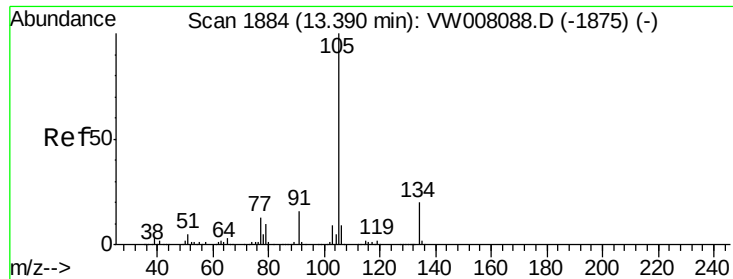
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.079 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.7	68.1





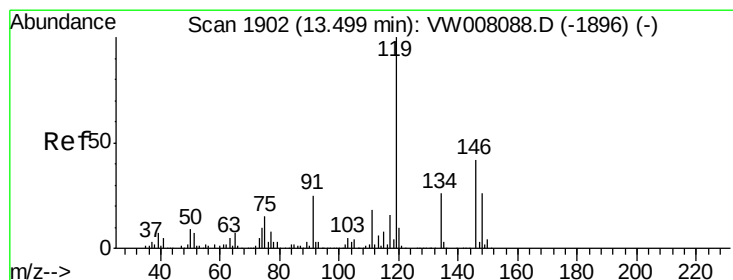
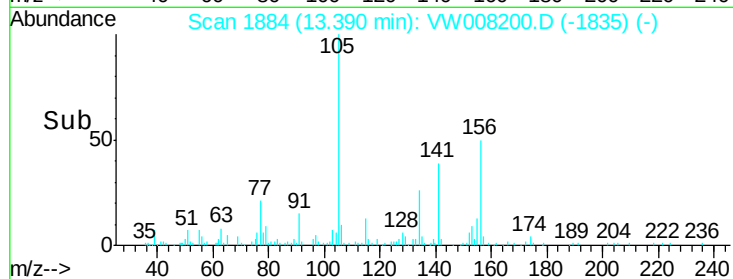
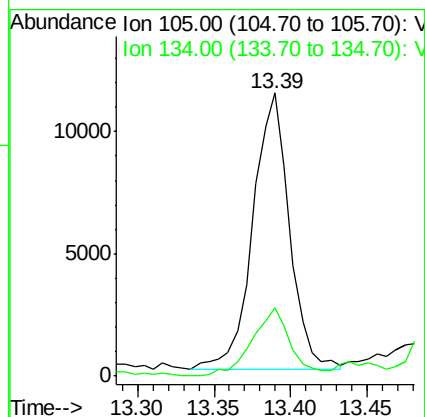
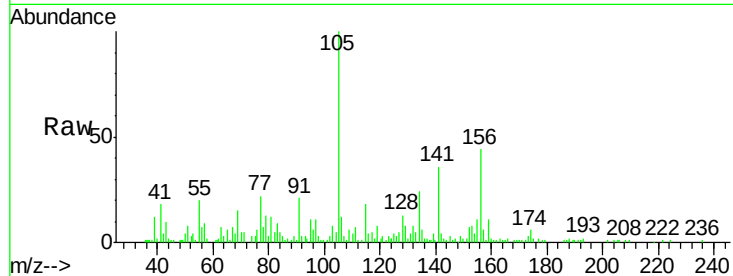
#85
 sec-Butylbenzene
 Concen: 26.083 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
105	100		
134	26.1	10.1	30.1

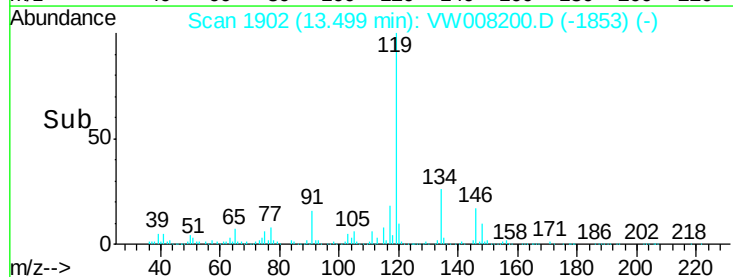
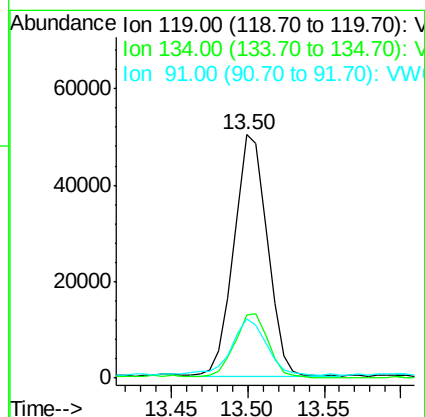
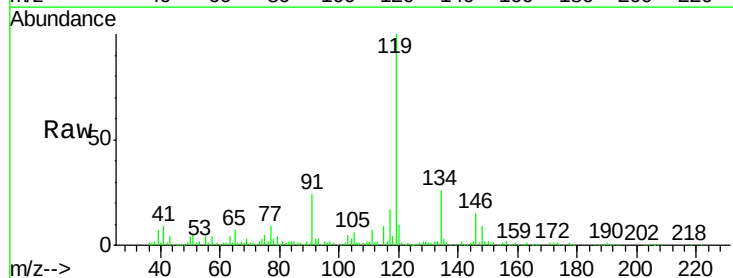
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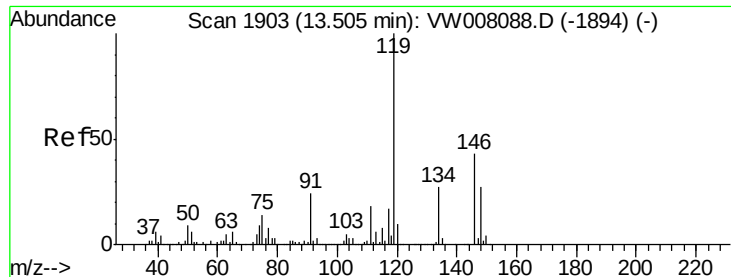
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#86
 p-Isopropyltoluene
 Concen: 122.160 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.8
91	24.5	12.3	36.9





#87

1,3-Dichlorobenzene

Concen: 44.955 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

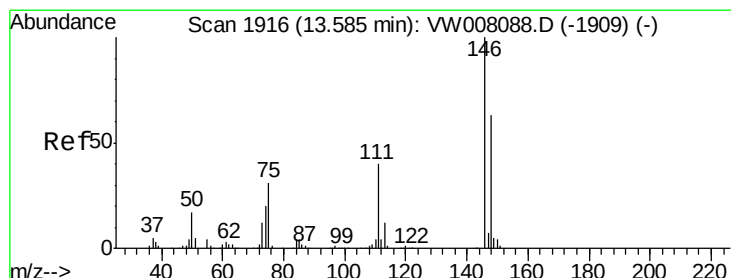
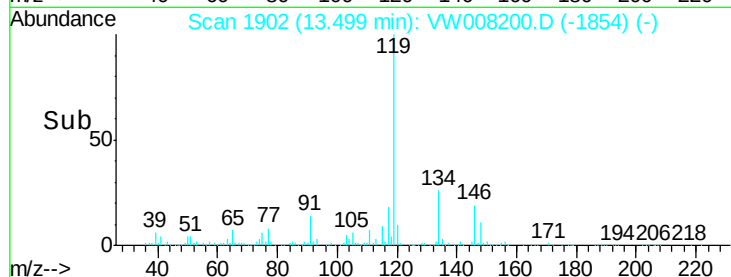
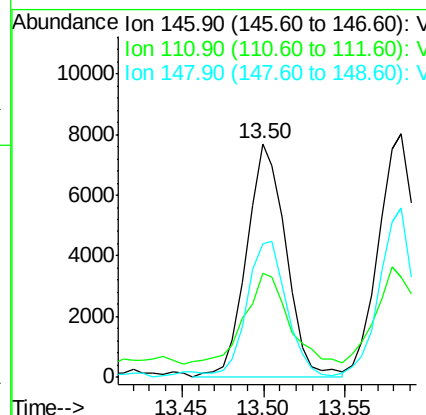
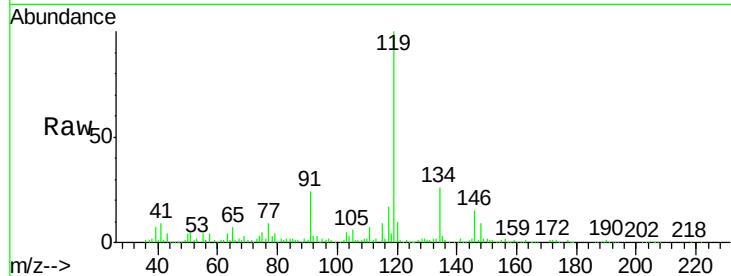
Instrument :
MSVOA_W

ClientSampleId :
CPSB-07(15-20)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.1
148	58.6	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 42.917 ug/l

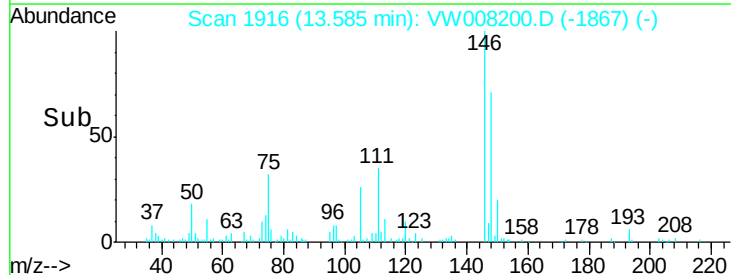
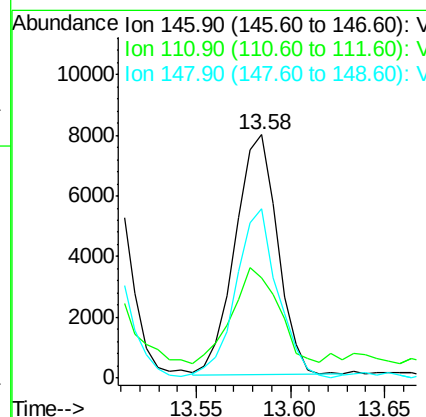
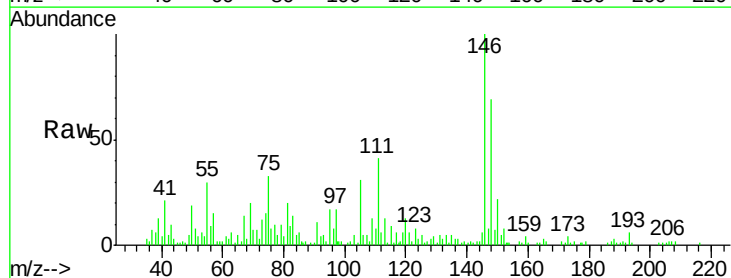
RT: 13.58 min Scan# 1916

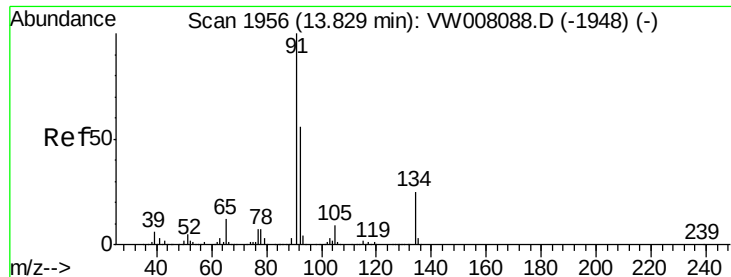
Delta R.T. -0.00 min

Lab File: VW008200.D

Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.5	61.5
148	69.8	31.6	94.8





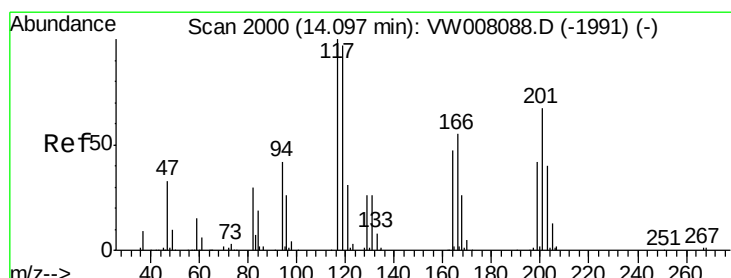
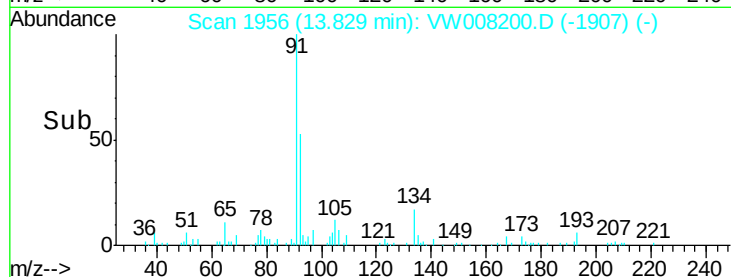
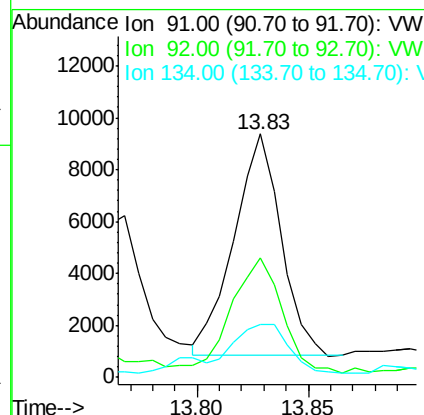
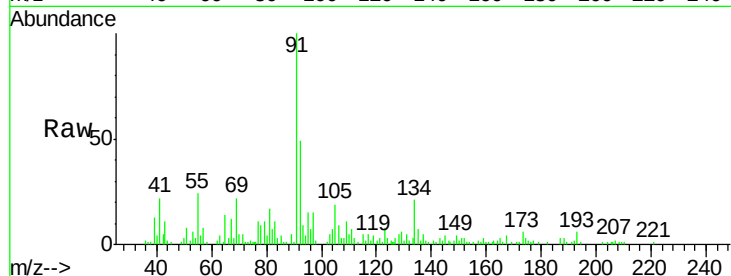
#89
n-Butylbenzene
Concen: 20.819 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.4	82.2
134	31.5	12.6	37.8

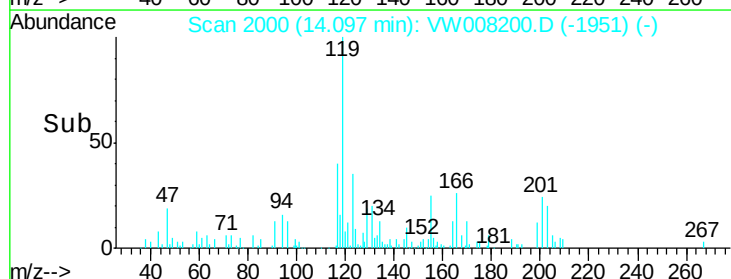
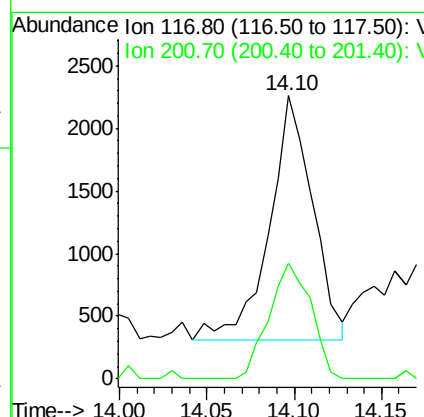
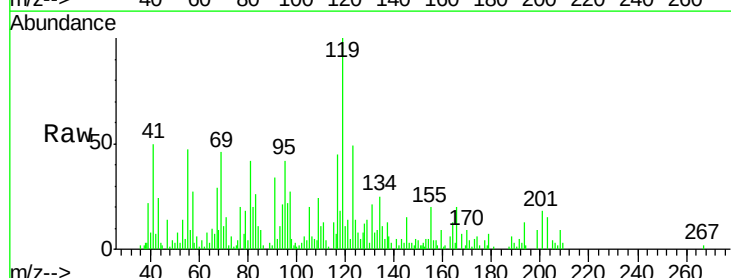
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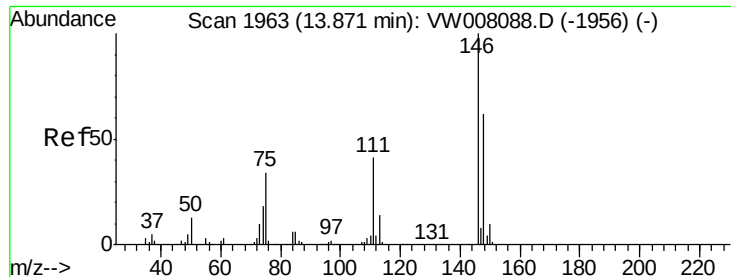
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#90
Hexachloroethane
Concen: 31.964 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	46.3	33.0	98.9





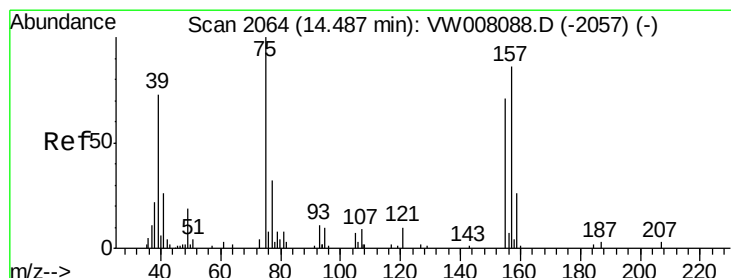
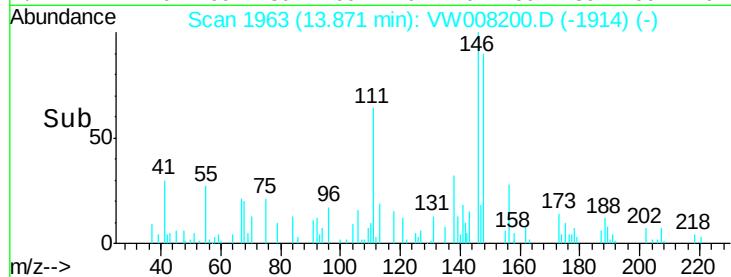
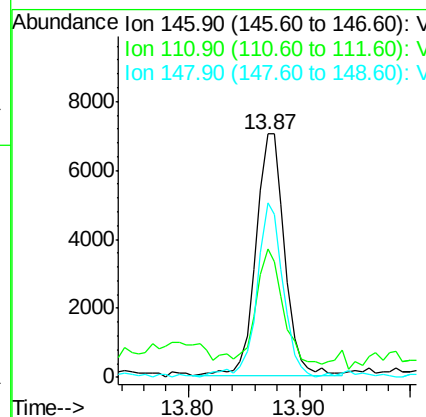
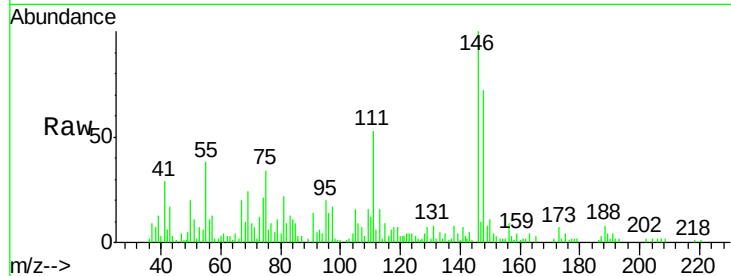
#91
 1,2-Dichlorobenzene
 Concen: 50.004 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.3	63.7
148	65.9	31.5	94.5

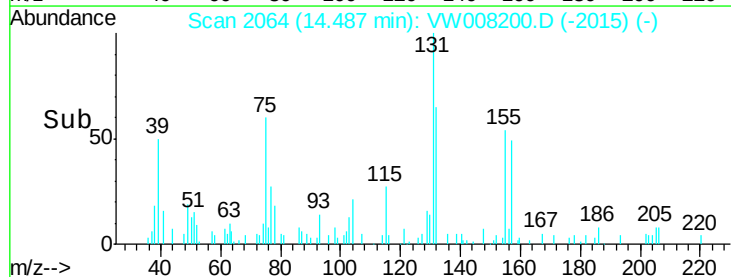
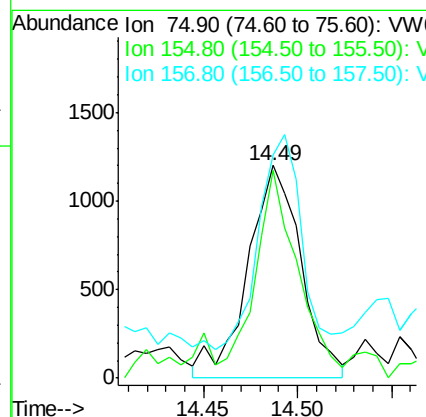
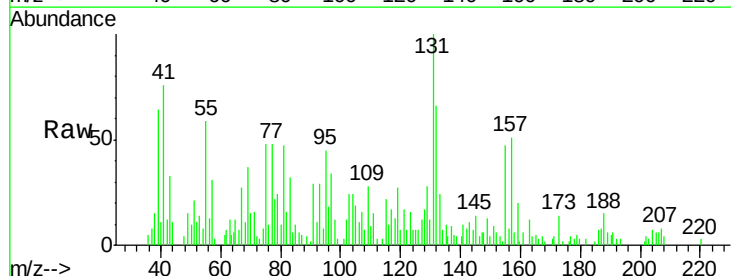
Manual Integrations
 APPROVED

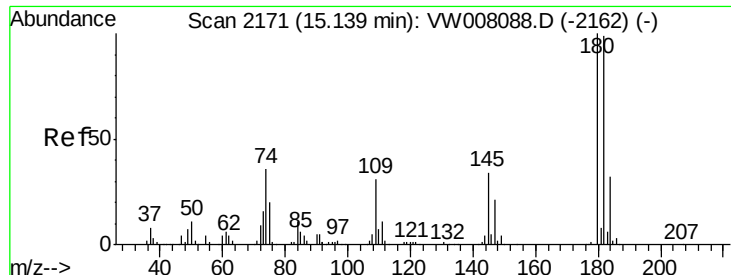
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 135.517 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	38.6	115.7
157	79.0	47.5	142.6





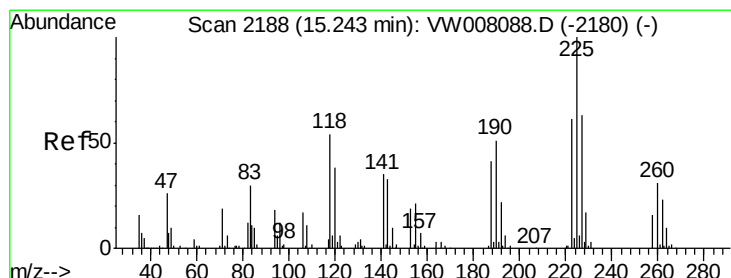
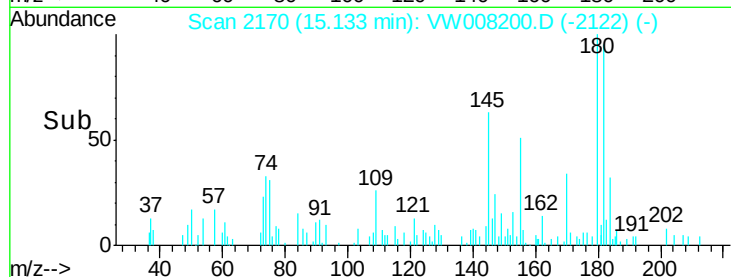
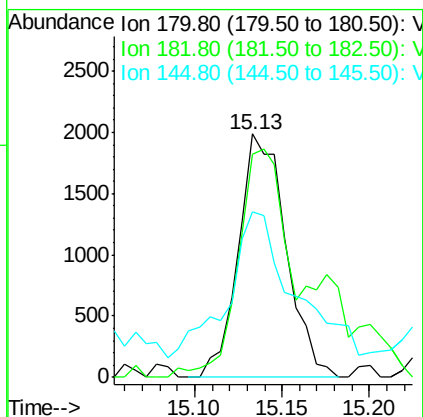
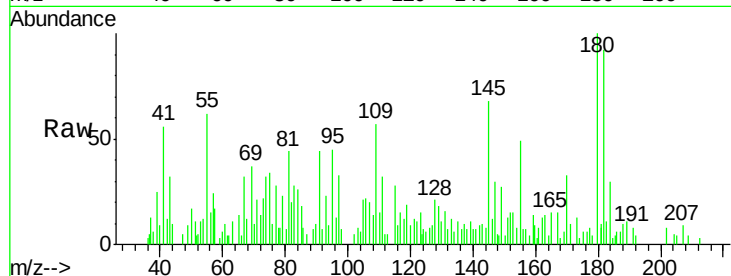
#93
 1,2,4-Trichlorobenzene
 Concen: 22.283 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.4	48.6	145.9
145	84.3	16.6	49.7#

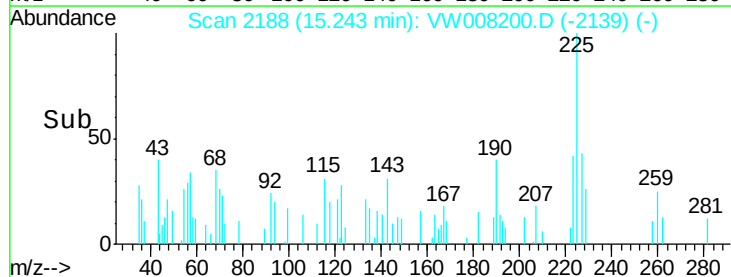
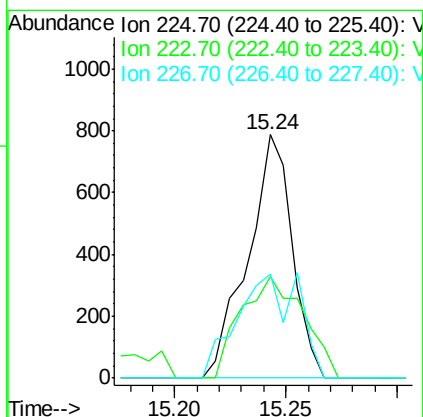
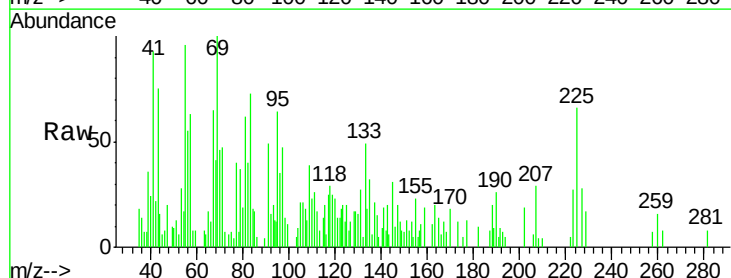
Manual Integrations
 APPROVED

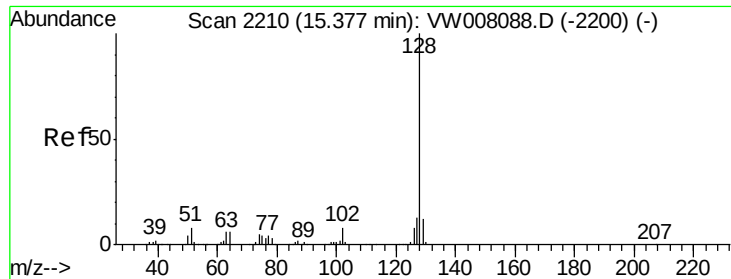
apatel
 1/14/2019 2:41:57 PM



#94
 Hexachlorobutadiene
 Concen: 12.090 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008200.D
 Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.7	31.4	94.3
227	58.9	32.0	96.2





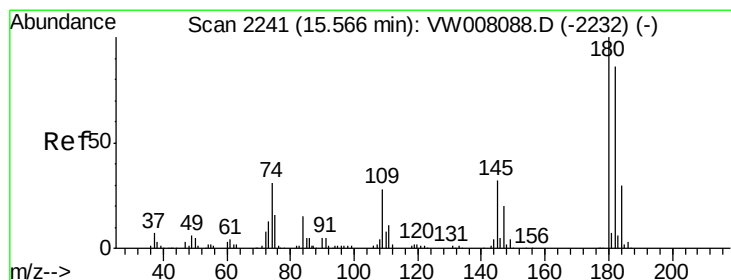
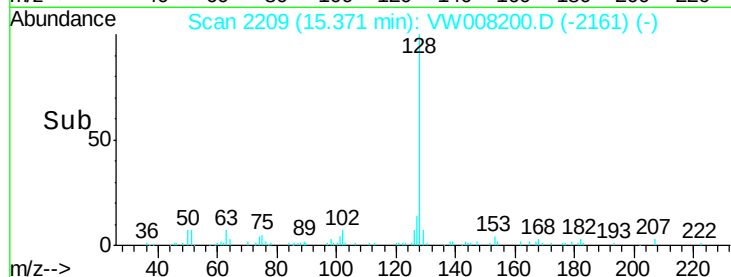
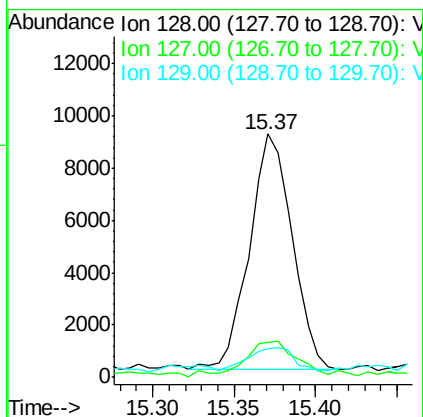
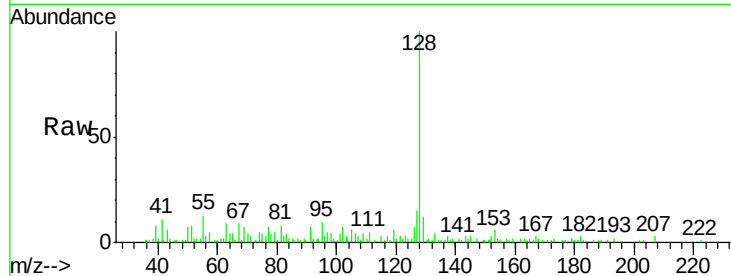
#95
Naphthalene
Concen: 52.213 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	19.2	11.0	16.4#
129	11.1	9.0	13.6

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 23.651 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008200.D
Acq: 11 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.5	46.5	139.3
145	68.5	17.4	52.2#

