

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008201.D
 Acq On : 11 Jan 2019 18:25
 Operator : SY/VA
 Sample : K1088-09MSD
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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 1/14/2019 2:42:00 PM

Quant Time: Jan 12 00:44:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	55048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	73333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17106	50.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	15616	10.906	ug/l	89
40) Benzene	8.32	78	181660	59.310	ug/l	98
41) Methacrylonitrile	7.48	41	21942	76.777	ug/l	95
42) 1,2-Dichloroethane	8.40	62	63849	74.118	ug/l	98
43) Isopropyl Acetate	8.42	43	75532	83.502	ug/l	96
44) Trichloroethene	9.09	130	36712	46.823	ug/l	94
45) 1,2-Dichloropropane	9.37	63	49584	65.289	ug/l	96
46) Dibromomethane	9.46	93	29295	78.544	ug/l	93
47) Bromodichloromethane	9.65	83	64539	68.147	ug/l	99
48) Methyl methacrylate	9.44	41	37261	87.299	ug/l	95
49) 1,4-Dioxane	9.46	88	10591	1765.720	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	192731	440.173	ug/l	100
52) Toluene	10.39	92	83619	42.749	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	64820	65.800	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	72513	62.075	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	39828	76.058	ug/l	99
56) Ethyl methacrylate	10.65	69	54166	83.525	ug/l	96
57) 1,3-Dichloropropane	10.93	76	69647	72.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	122597	365.979	ug/l	96
59) 2-Hexanone	10.97	43	132697	448.154	ug/l	99
60) Dibromochloromethane	11.13	129	39916	69.415	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36659	73.779	ug/l	99
64) Tetrachloroethene	10.87	164	15701	32.899	ug/l	92
65) Chlorobenzene	11.66	112	83241	53.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	32539	64.393	ug/l	100
67) Ethyl Benzene	11.73	91	96555	33.966	ug/l	92
68) m/p-Xylenes	11.84	106	75881	69.935	ug/l	96
69) o-Xylene	12.17	106	41493	41.296	ug/l	98
70) Styrene	12.18	104	73835	46.915	ug/l	97
71) Bromoform	12.35	173	21002	92.866	ug/l #	97
73) Isopropylbenzene	12.47	105	93606	69.700	ug/l	85
74) N-amyl acetate	12.27	43	57729	194.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40096	186.525	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33155m	212.614	ug/l	
77) Bromobenzene	12.75	156	27311	96.244	ug/l	89
78) n-propylbenzene	12.80	91	60017	36.473	ug/l	97
79) 2-Chlorotoluene	12.90	91	46910	51.097	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	41548	37.647	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.52	75	11848	176.930	ug/l	88
82) 4-Chlorotoluene	12.99	91	55310	57.204	ug/l	99
83) tert-Butylbenzene	13.21	119	25101	25.709	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	55059	48.372	ug/l	99
85) sec-Butylbenzene	13.39	105	31087	21.736	ug/l	97
86) p-Isopropyltoluene	13.50	119	313227	253.617	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	29150	50.640	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	31062	53.784	ug/l	97
89) n-Butylbenzene	13.83	91	21411	17.701	ug/l	95
90) Hexachloroethane	14.10	117	5584	26.768	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	30960	61.199	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5816	168.119	ug/l	96

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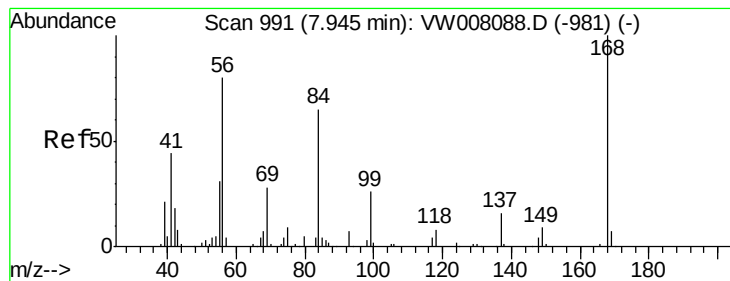
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Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:168 Resp: 55048

Ion Ratio Lower Upper

168 100

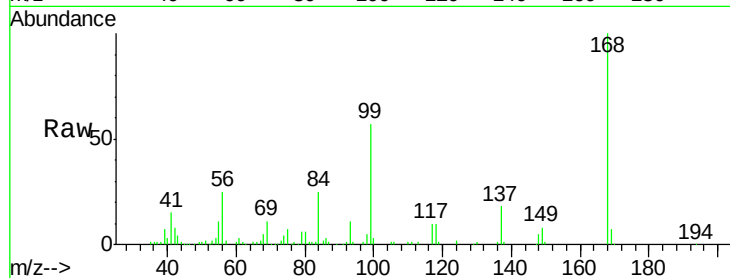
99 56.8 52.6 78.8

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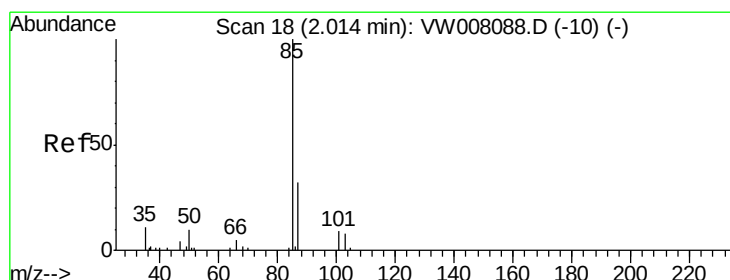
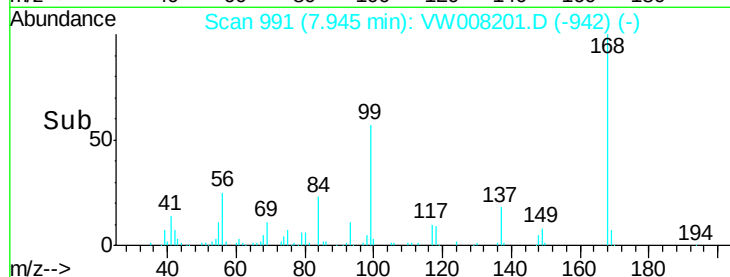


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

Time-->



#2

Dichlorodifluoromethane

Concen: 62.369 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008201.D

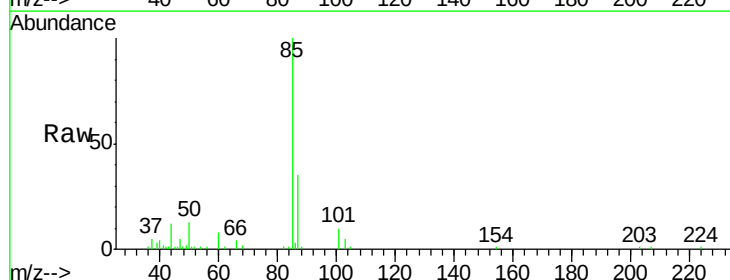
Acq: 11 Jan 2019 18:25

Tgt Ion: 85 Resp: 28020

Ion Ratio Lower Upper

85 100

87 35.3 16.1 48.3

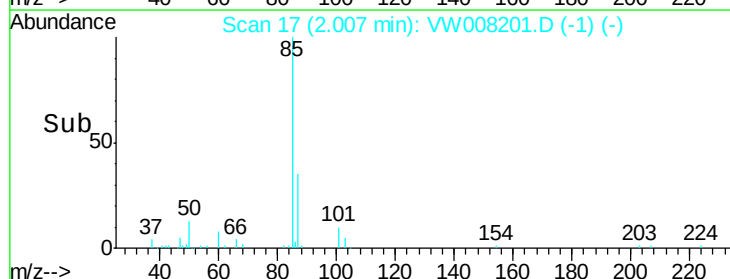


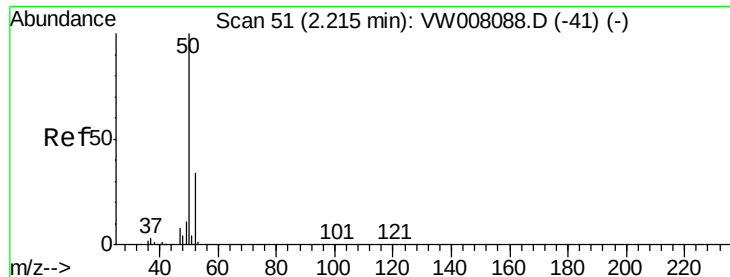
Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

Time-->





#3

Chloromethane

Concen: 70.649 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 50 Resp: 41178

Ion Ratio Lower Upper

50 100

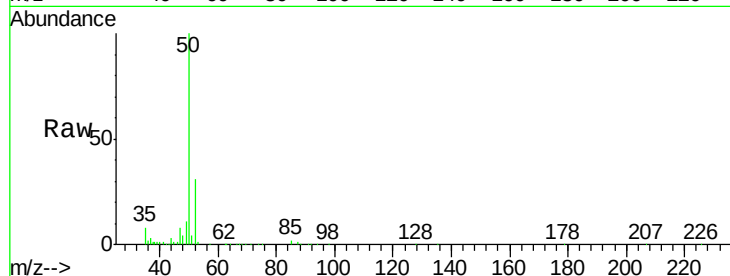
52 31.1 26.8 40.2

Manual Integrations

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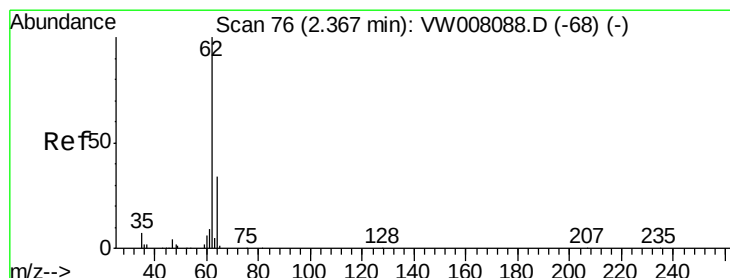
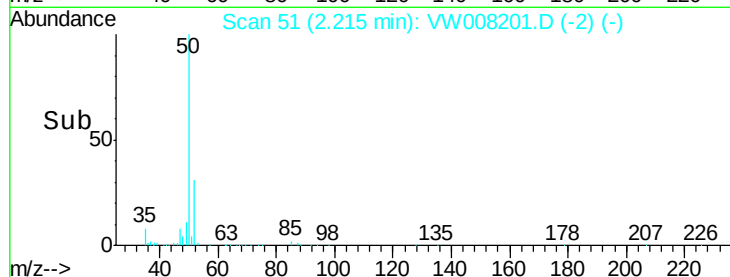
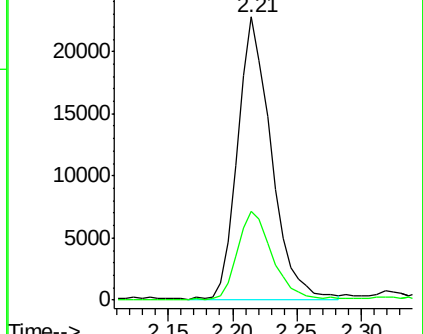
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 65.423 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008201.D

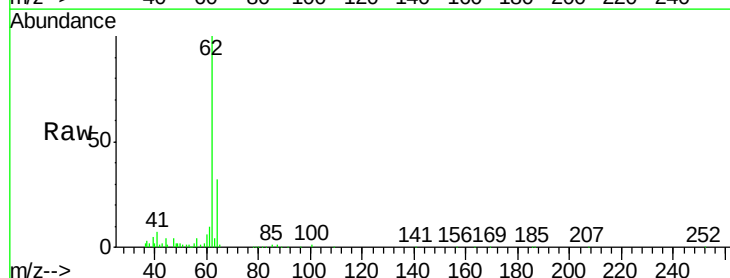
Acq: 11 Jan 2019 18:25

Tgt Ion: 62 Resp: 49768

Ion Ratio Lower Upper

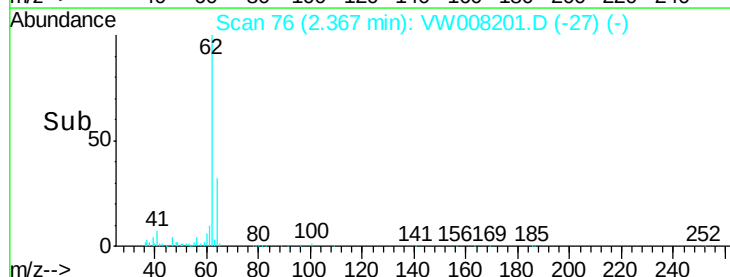
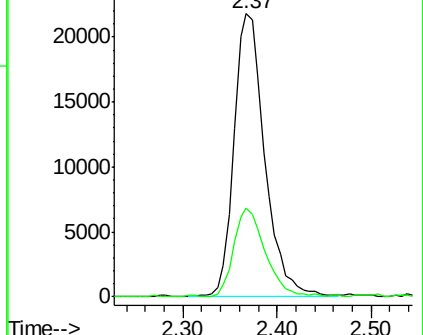
62 100

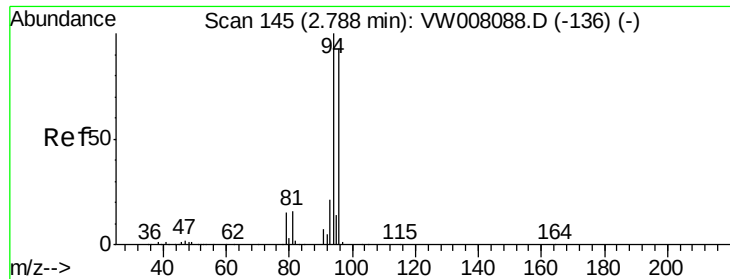
64 31.1 27.0 40.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 69.272 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

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CPSB-07(15-20)MSD

Tot Ion: 94 Resp: 39475

Ion Ratio Lower Upper

94 100

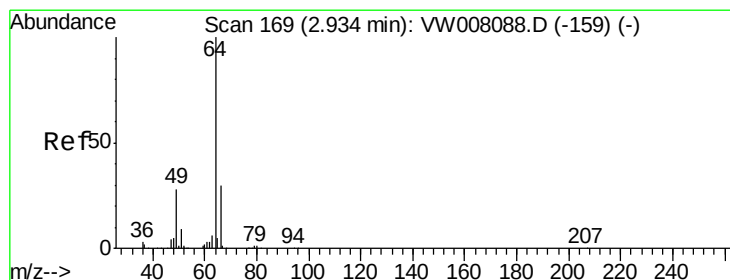
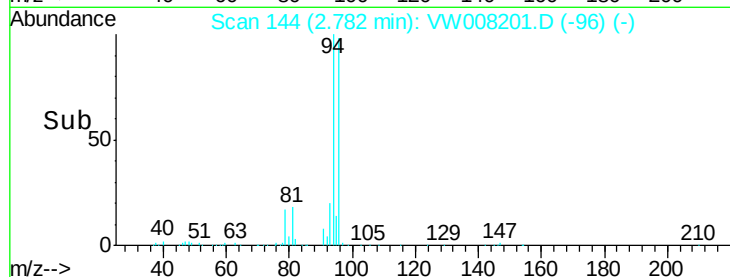
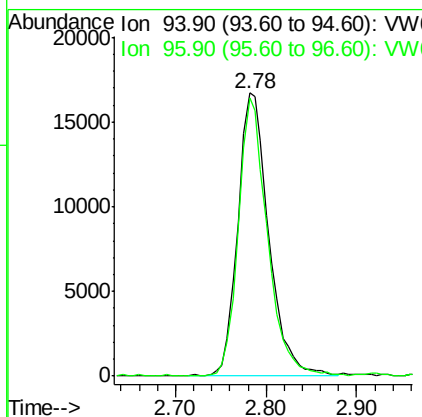
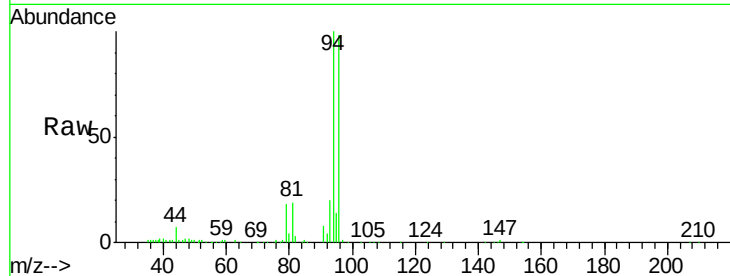
96 98.1 74.1 111.1

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#6

Chloroethane

Concen: 60.805 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008201.D

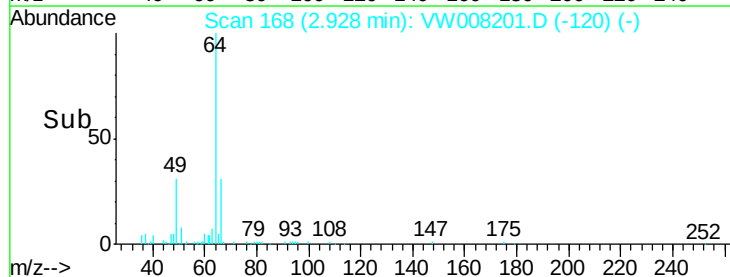
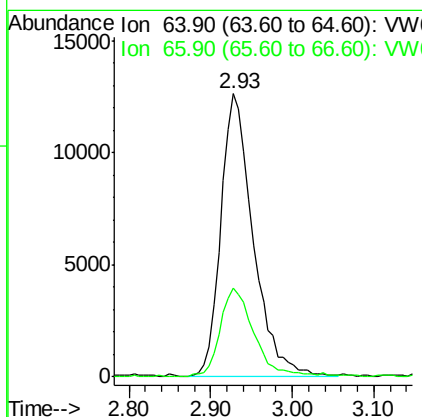
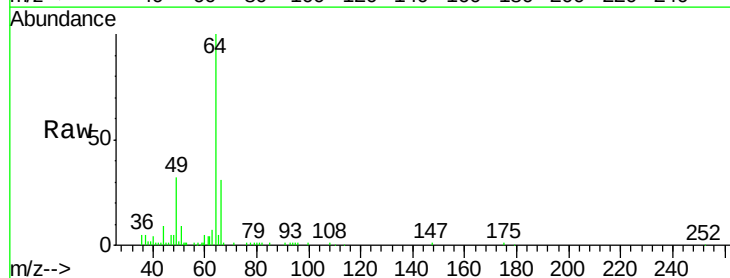
Acq: 11 Jan 2019 18:25

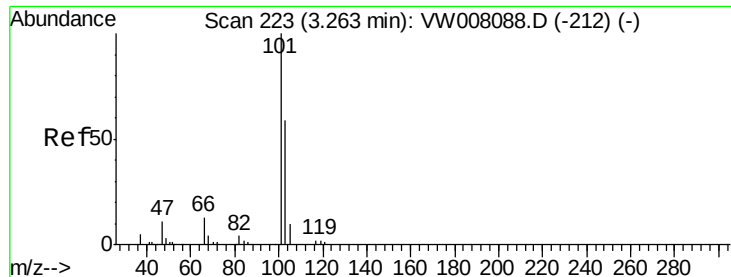
Tgt Ion: 64 Resp: 34806

Ion Ratio Lower Upper

64 100

66 31.2 24.2 36.2





#7

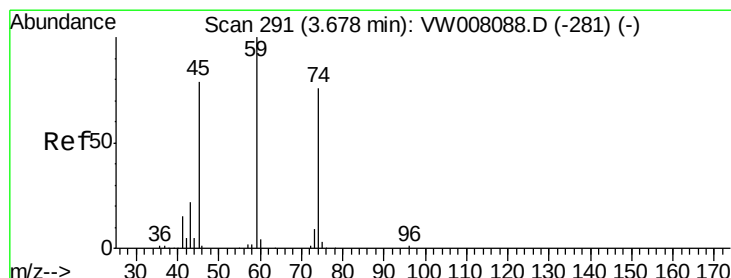
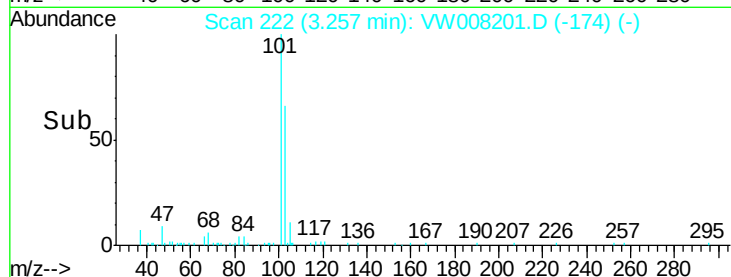
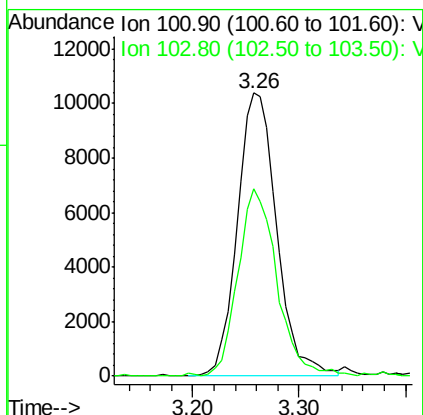
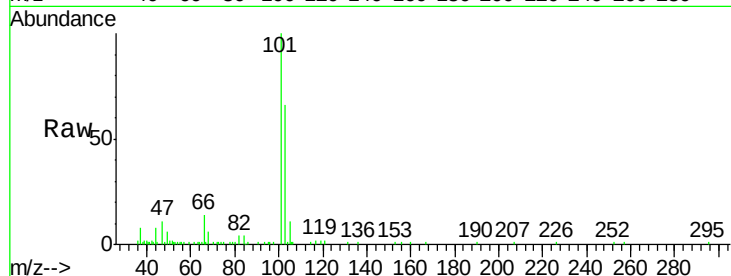
Trichlorofluoromethane
Concen: 43.605 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	47.0	70.6

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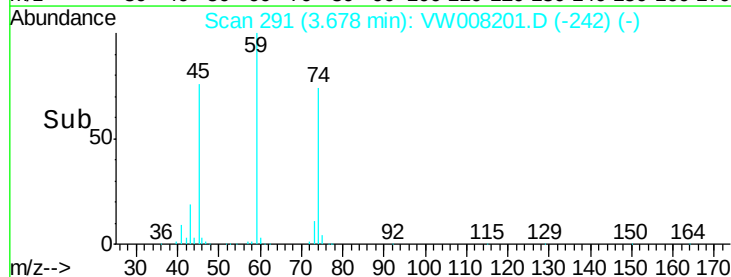
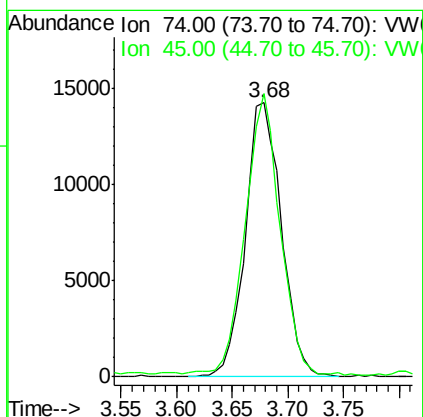
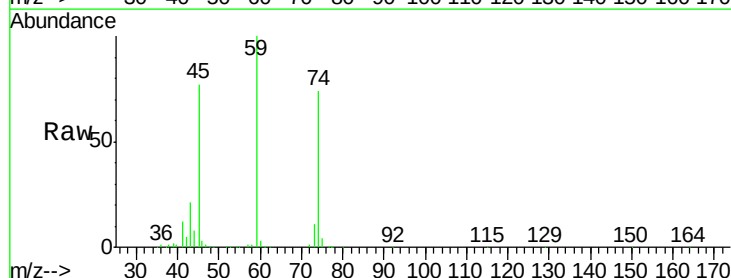
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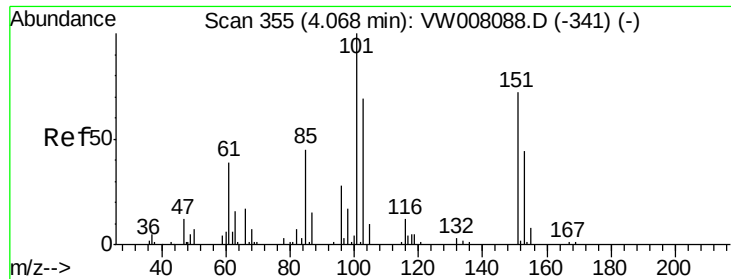


#8

Diethyl Ether
Concen: 92.021 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.851 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

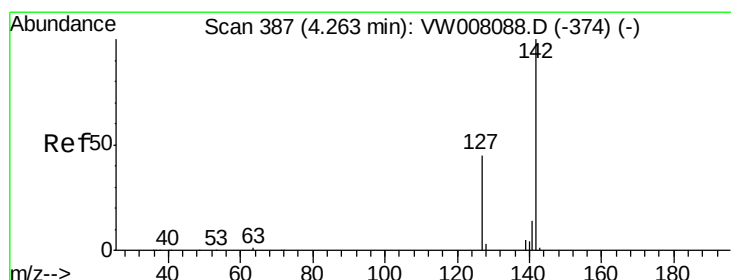
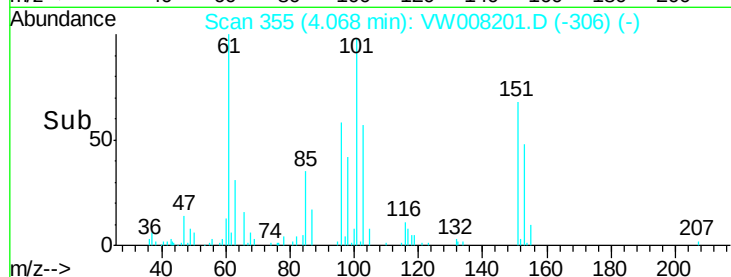
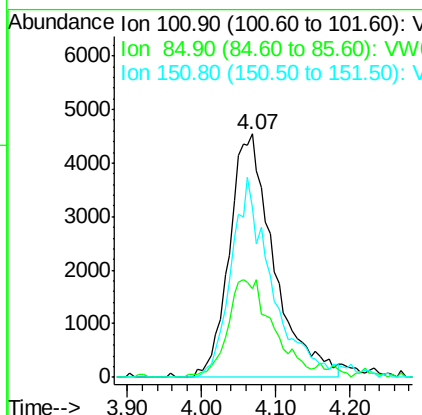
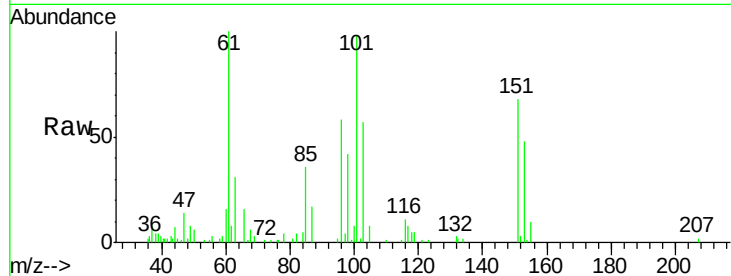
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	101	Resp:	18943
Ion Ratio	Lower	Upper	
101	100		
85	40.8	35.9	53.9
151	74.1	55.8	83.8

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#10

Methyl Iodide

Concen: 72.458 ug/l

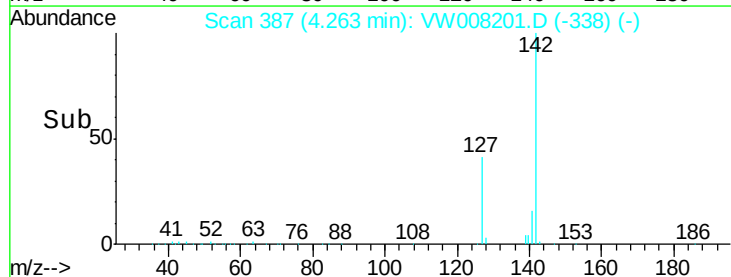
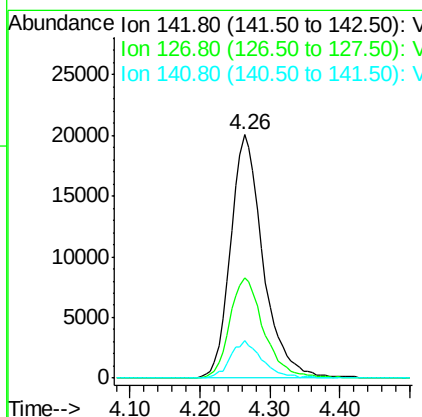
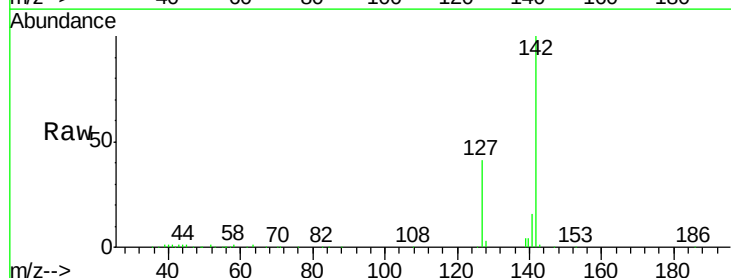
RT: 4.26 min Scan# 387

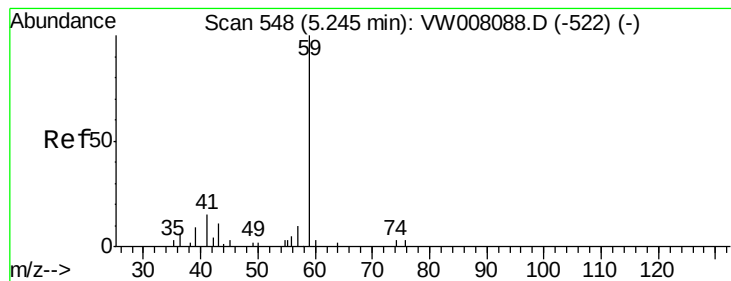
Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion:	142	Resp:	64842
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.0	52.4
141	15.0	11.8	17.6





#11

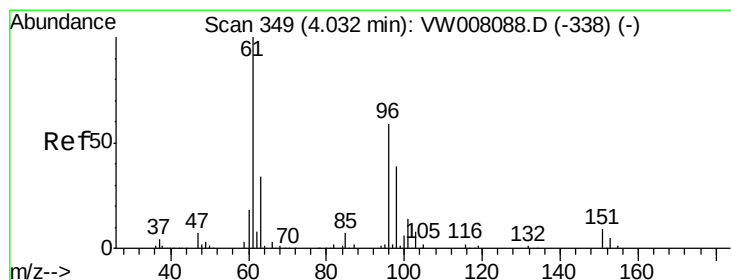
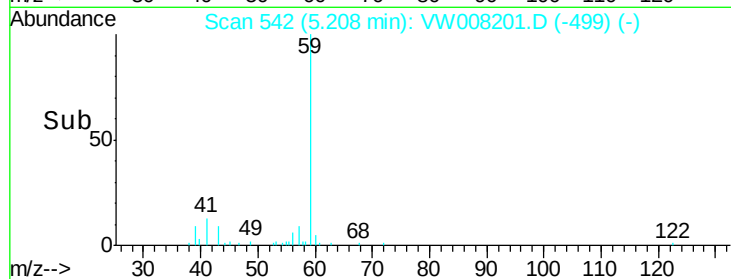
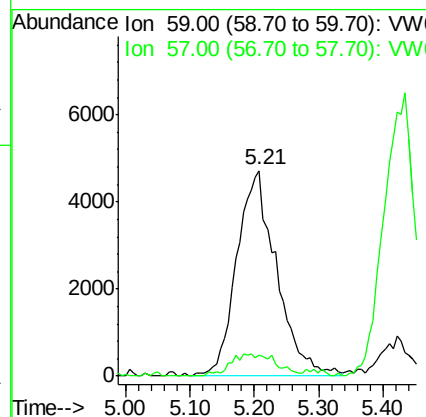
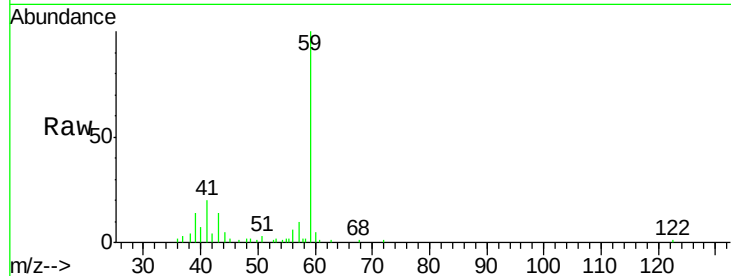
Tert butyl alcohol
Concen: 569.132 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.04 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

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

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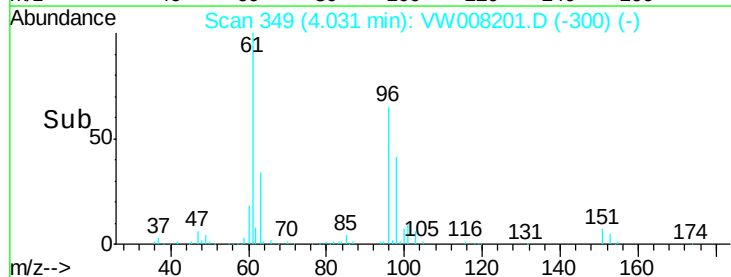
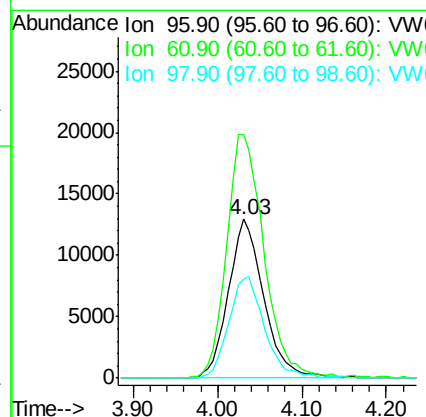
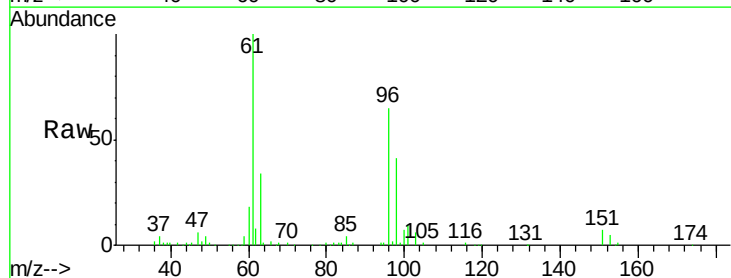
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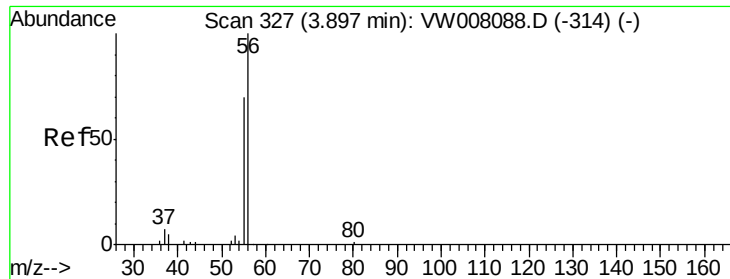


#12

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

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





#13

Acrolein

Concen: 273.388 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 56 Resp: 11255

Ion Ratio Lower Upper

56 100

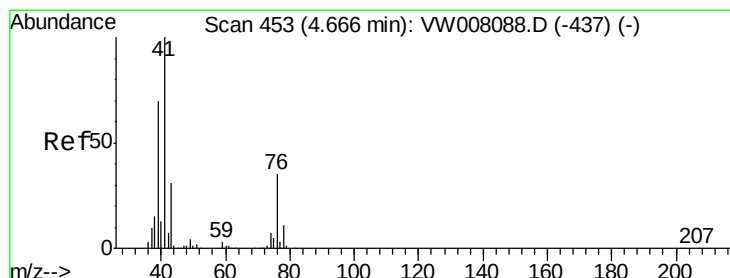
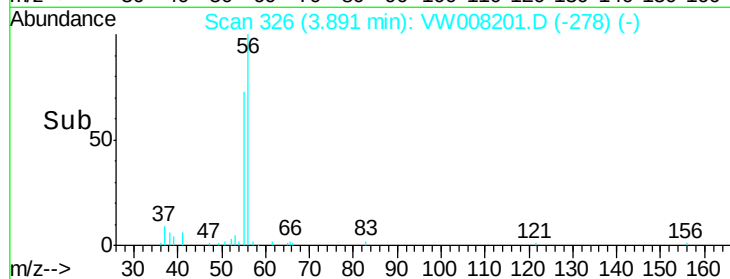
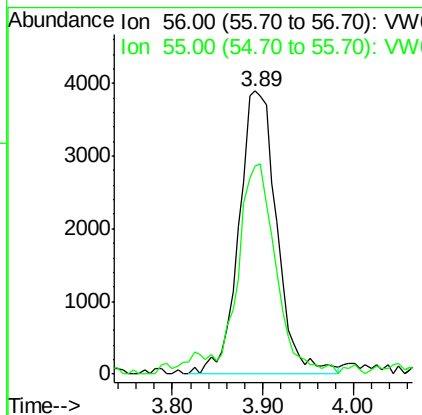
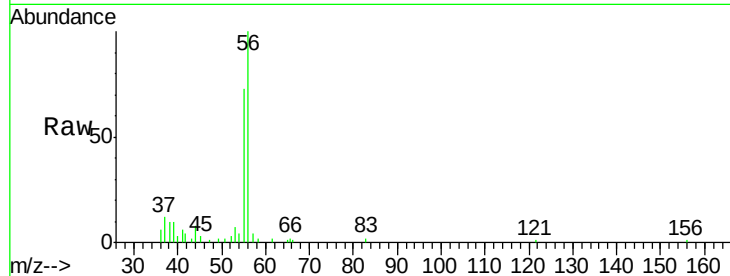
55 72.3 56.6 84.8

Manual Integrations

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#14

Allyl chloride

Concen: 64.572 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

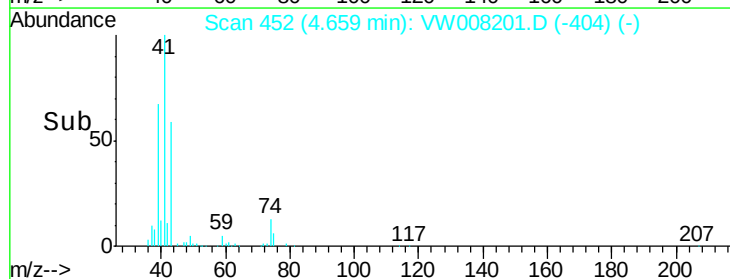
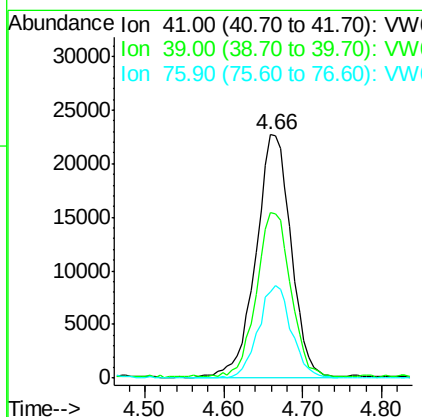
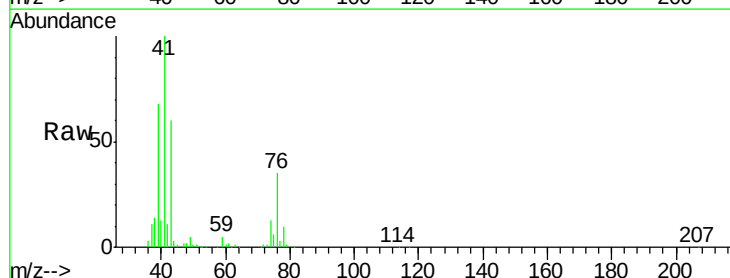
Tgt Ion: 41 Resp: 70675

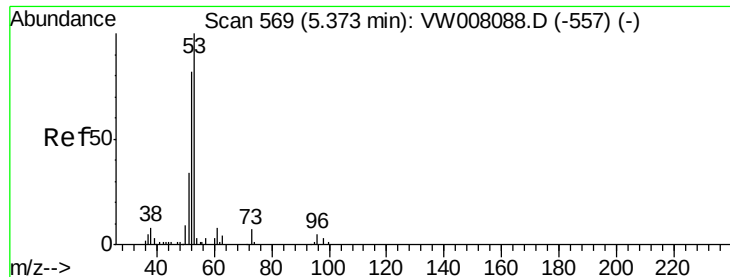
Ion Ratio Lower Upper

41 100

39 64.9 53.8 80.8

76 35.7 27.6 41.4





#15

Acrylonitrile

Concen: 503.277 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

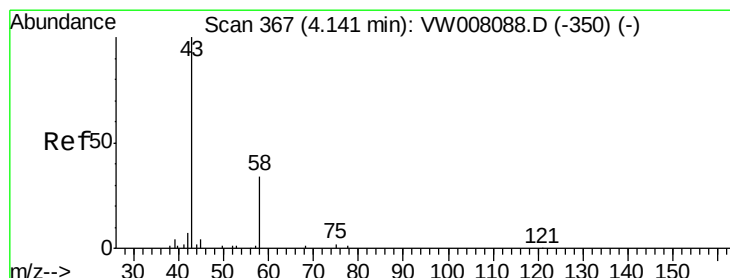
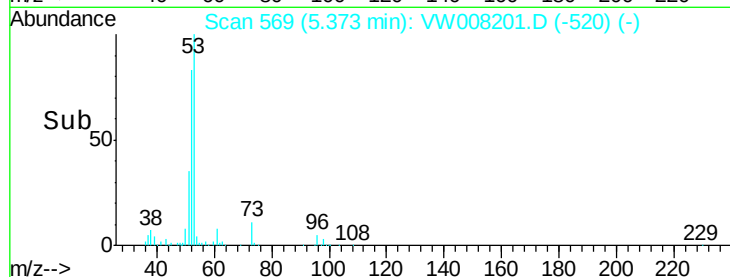
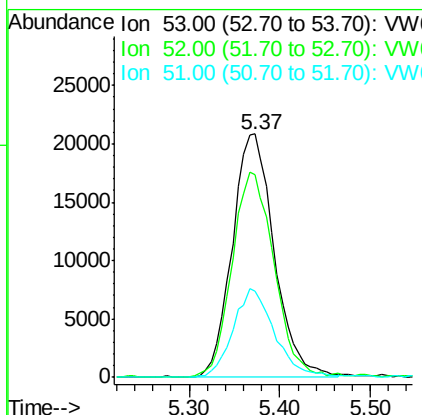
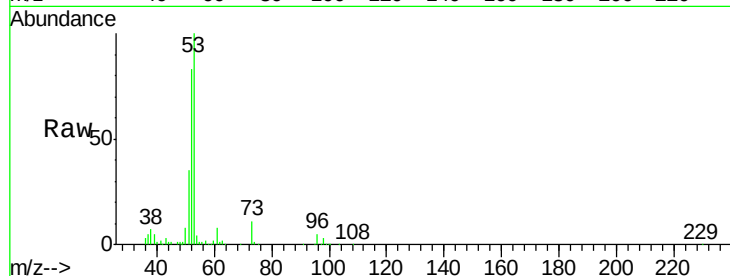
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	53	Resp:	66989
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.8	100.2
51	36.2	29.7	44.5

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#16

Acetone

Concen: 687.555 ug/l

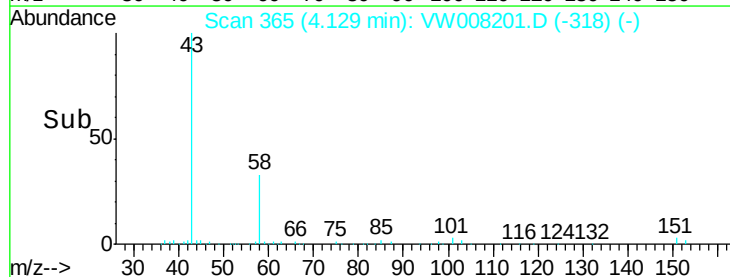
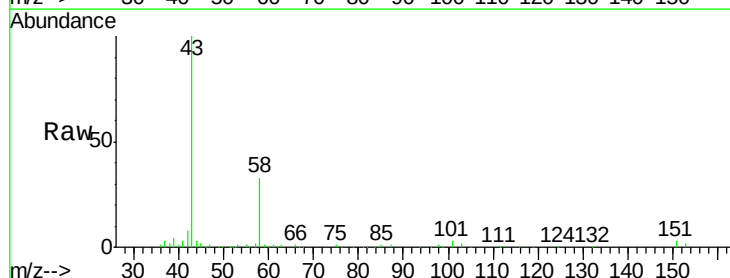
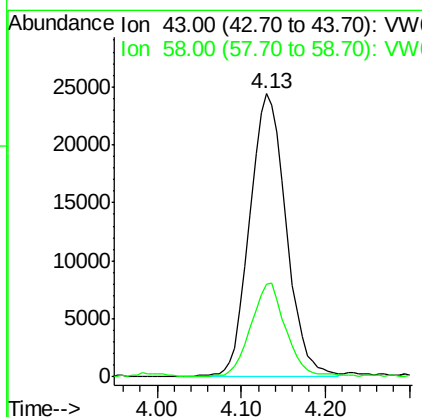
RT: 4.13 min Scan# 365

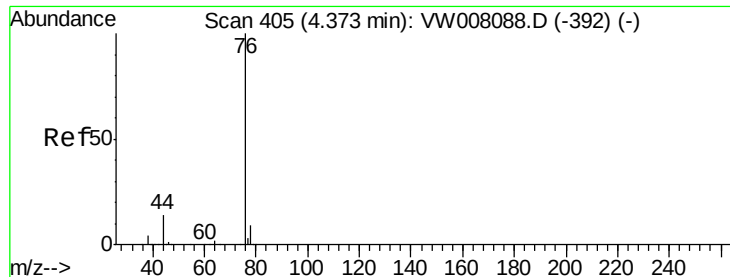
Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion:	43	Resp:	72346
Ion	Ratio	Lower	Upper
43	100		
58	32.3	27.5	41.3





#17

Carbon Disulfide

Concen: 55.875 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 76 Resp: 105223

Ion Ratio Lower Upper

76 100

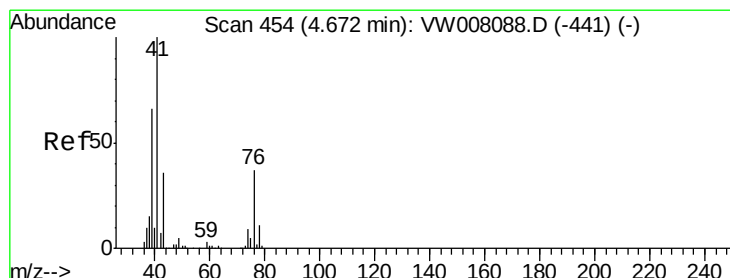
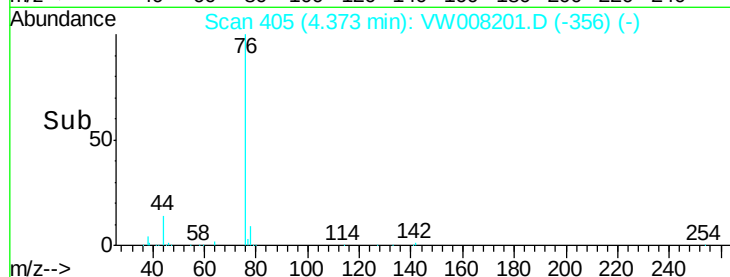
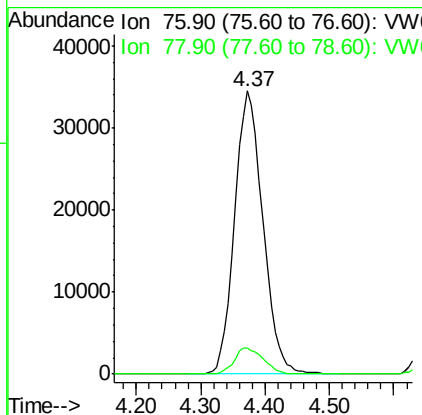
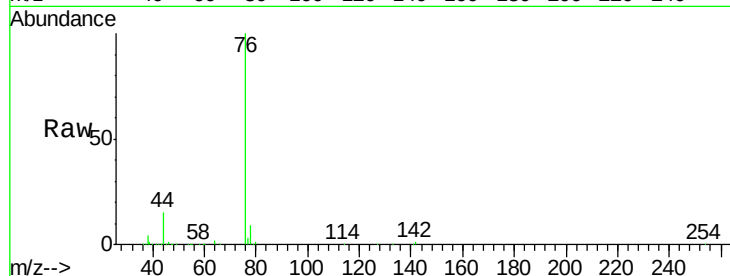
78 9.4 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 124.256 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008201.D

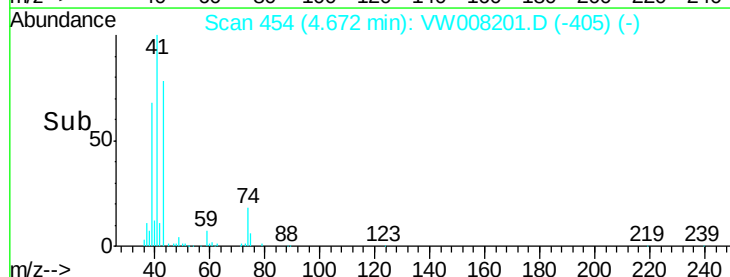
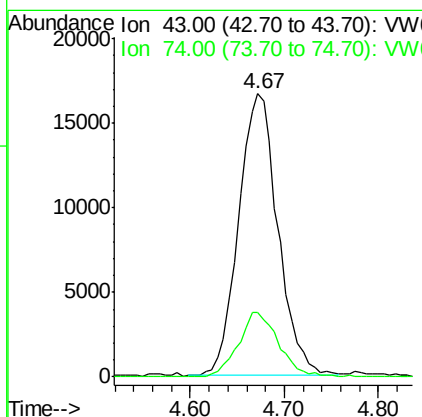
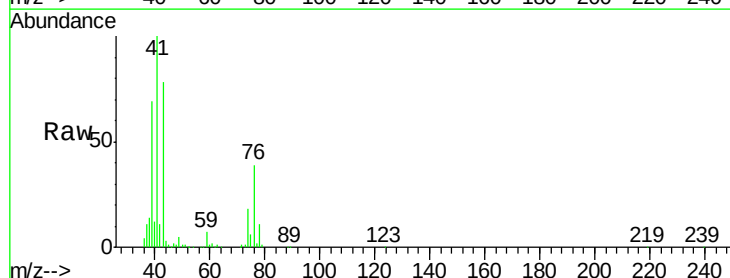
Acq: 11 Jan 2019 18:25

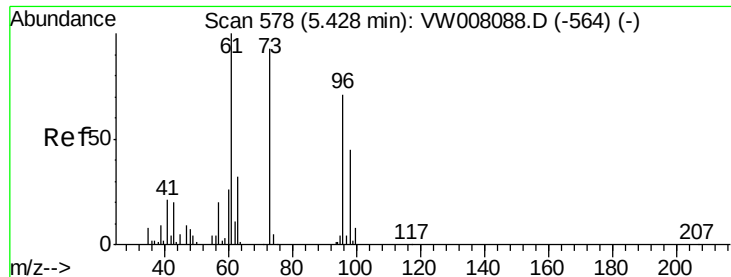
Tgt Ion: 43 Resp: 48588

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.4





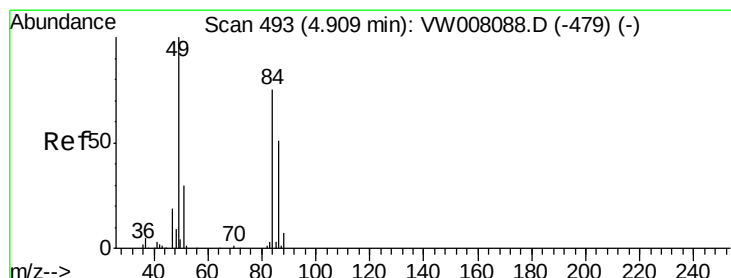
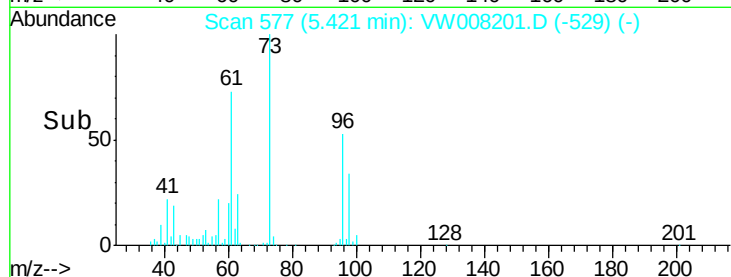
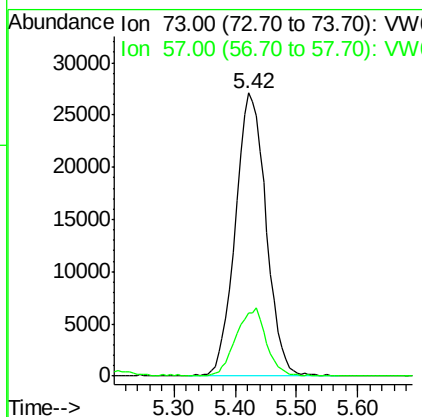
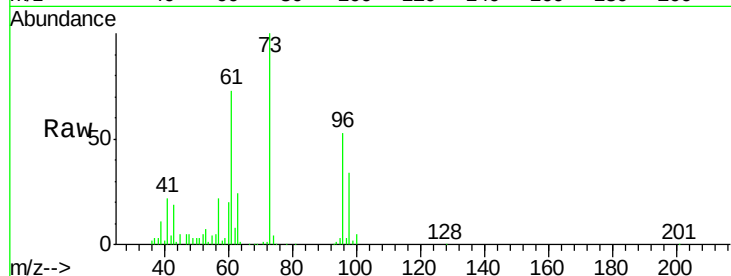
#19
Methyl tert-butyl Ether
Concen: 96.237 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

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

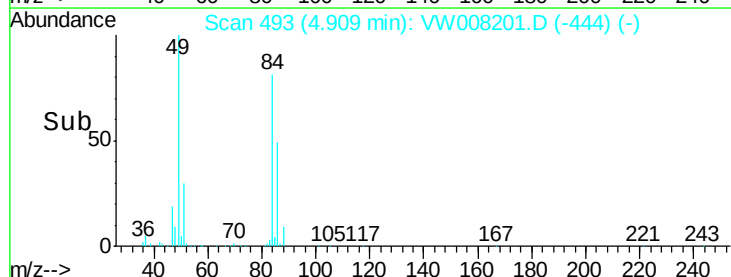
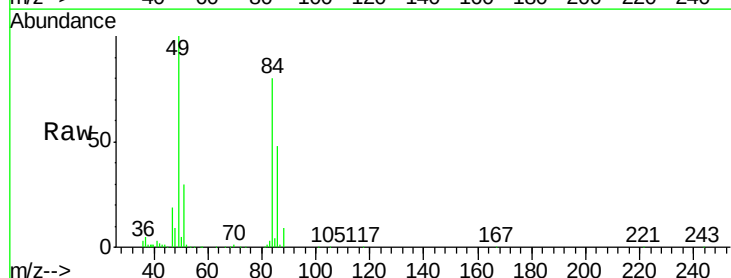
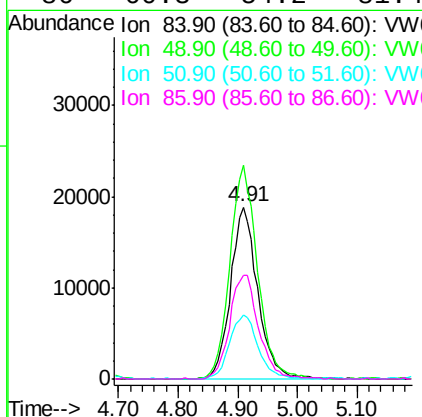
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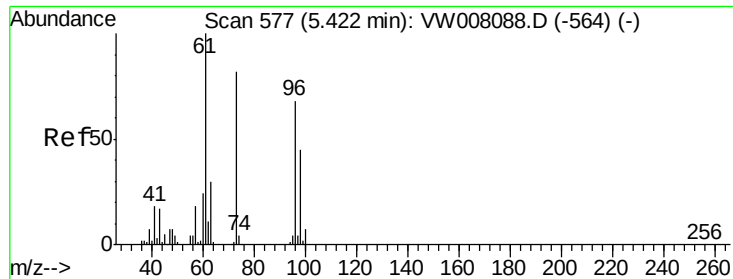
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#20
Methylene Chloride
Concen: 103.101 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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





#21

trans-1,2-Dichloroethene

Concen: 66.271 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

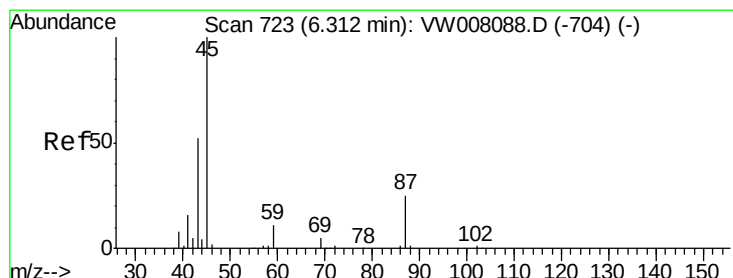
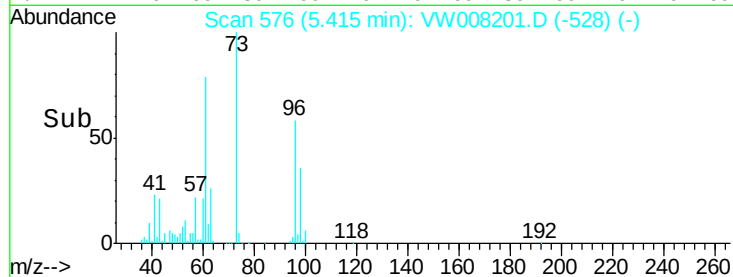
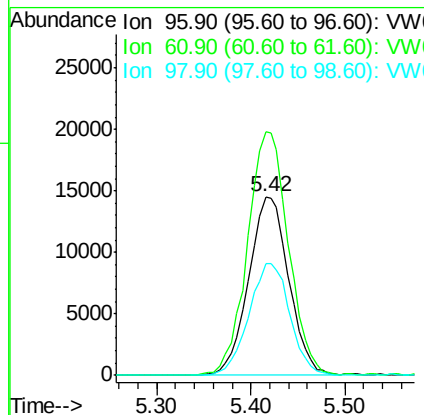
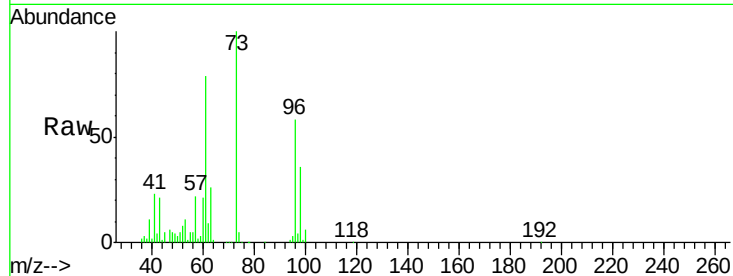
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	96	Resp:	43415
Ion	Ratio	Lower	Upper
96	100		
61	136.1	117.4	176.0
98	62.2	52.2	78.4

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#22

Diisopropyl ether

Concen: 86.834 ug/l

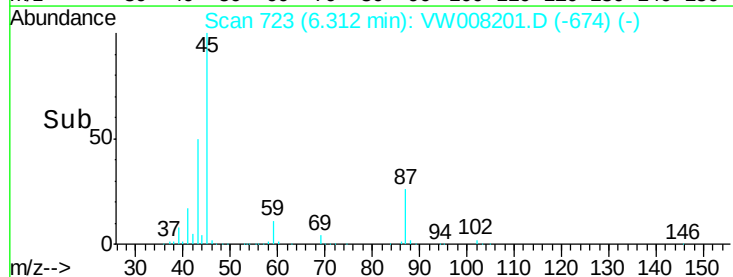
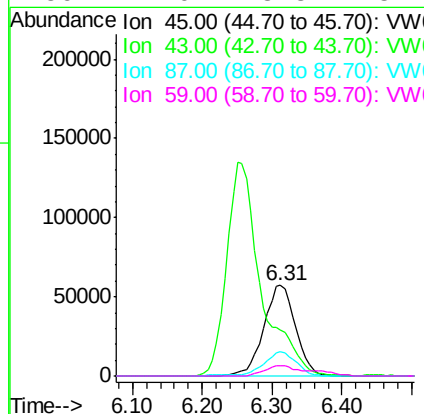
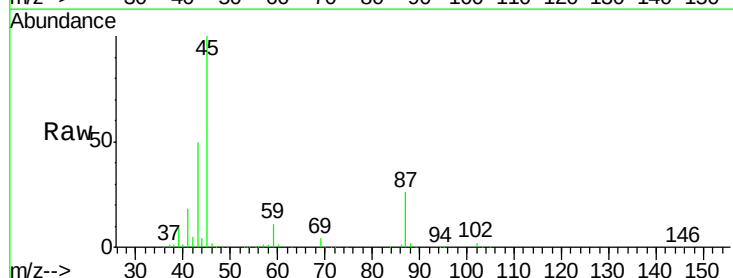
RT: 6.31 min Scan# 723

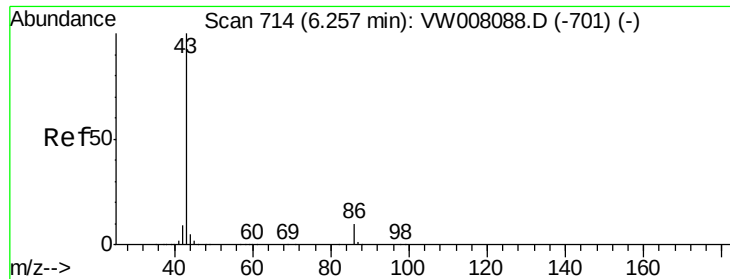
Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion:	45	Resp:	181260
Ion	Ratio	Lower	Upper
45	100		
43	50.0	41.7	62.5
87	26.1	20.1	30.1
59	11.0	8.8	13.2





#23

Vinyl Acetate

Concen: 420.458 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 43 Resp: 460952

Ion Ratio Lower Upper

43 100

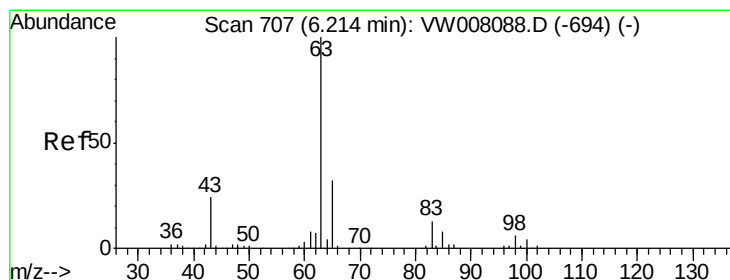
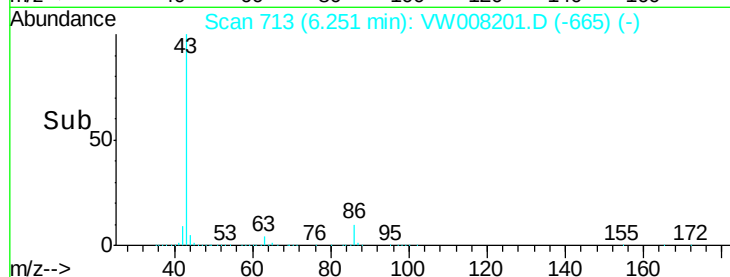
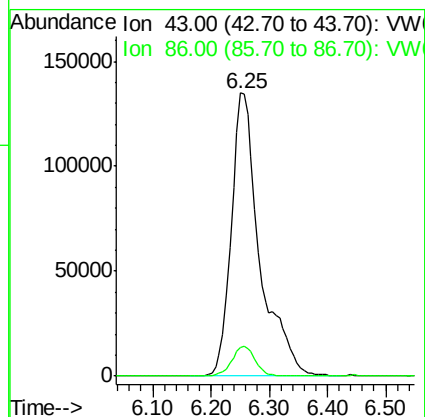
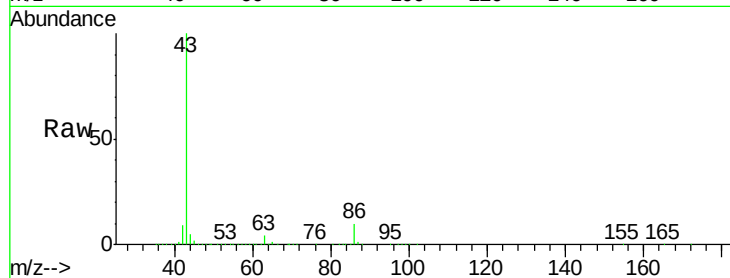
86 10.3 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 74.416 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

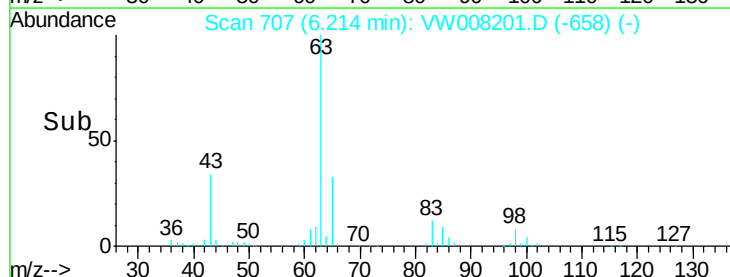
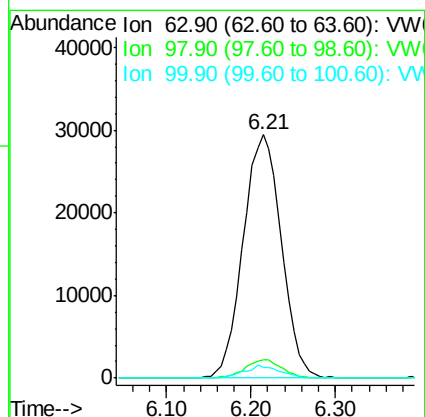
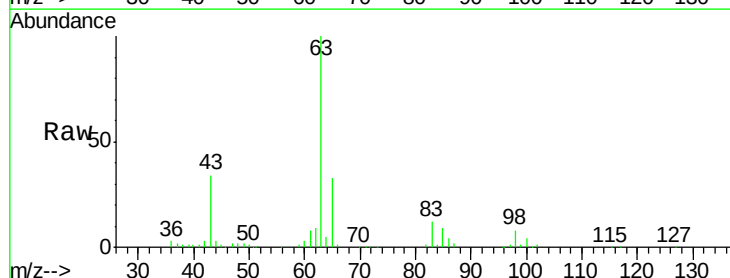
Tgt Ion: 63 Resp: 90509

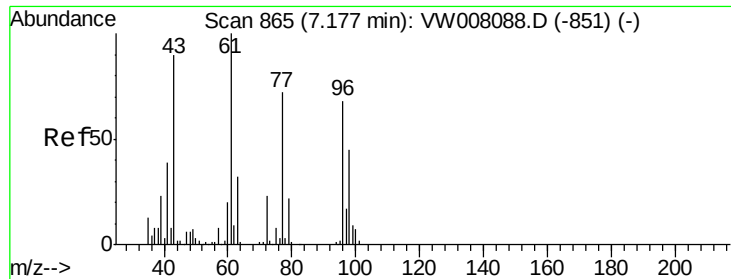
Ion Ratio Lower Upper

63 100

98 7.5 3.2 9.6

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 514.355 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 43 Resp: 88541

Ion Ratio Lower Upper

43 100

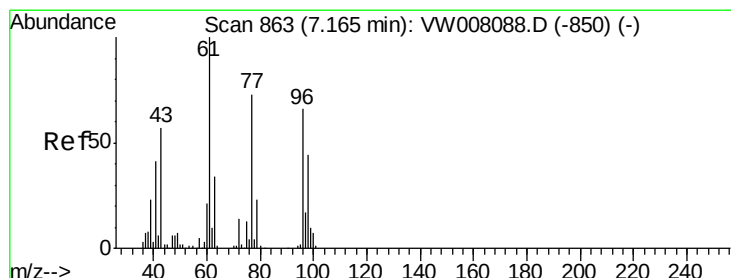
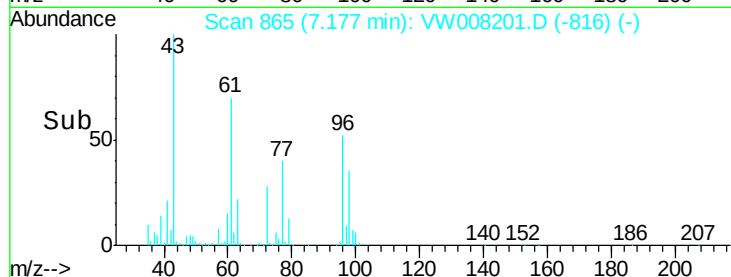
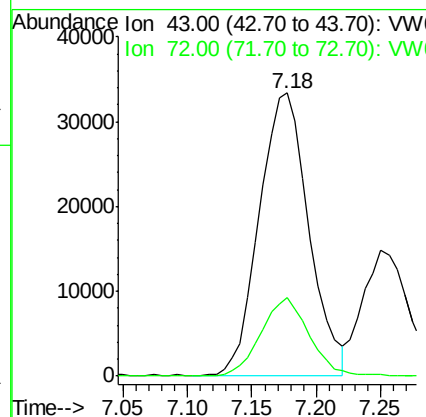
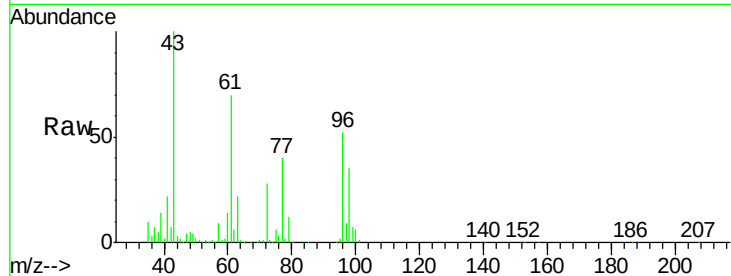
72 27.4 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 57.000 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008201.D

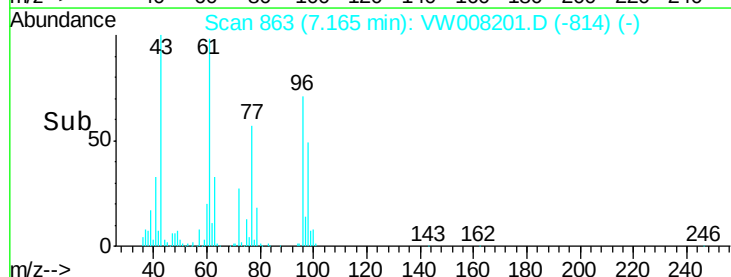
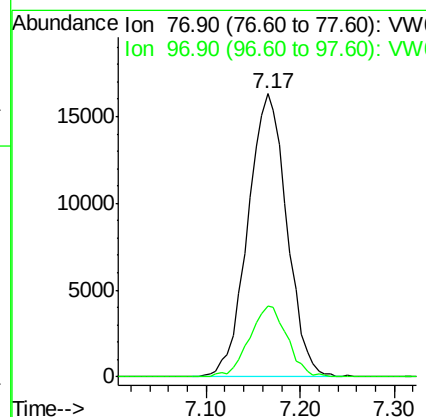
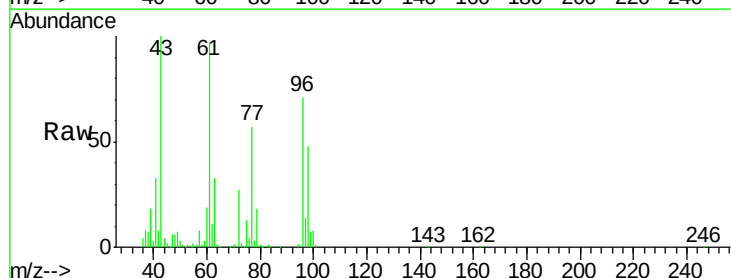
Acq: 11 Jan 2019 18:25

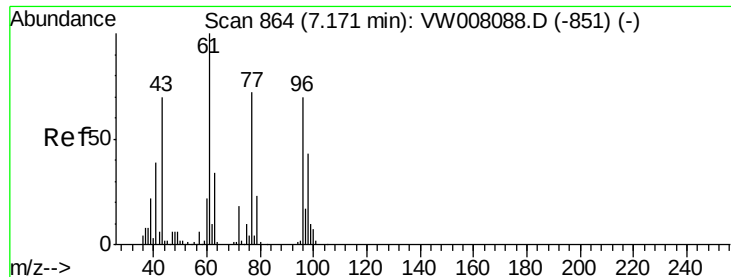
Tgt Ion: 77 Resp: 46974

Ion Ratio Lower Upper

77 100

97 24.5 11.4 34.1





#27

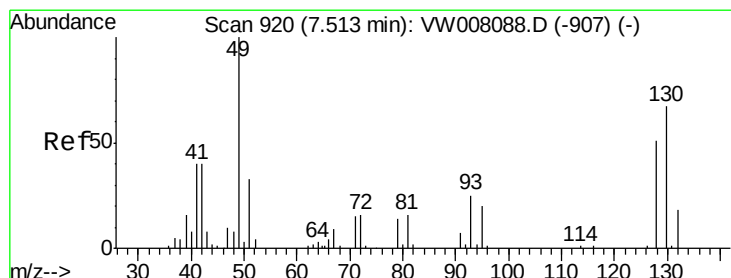
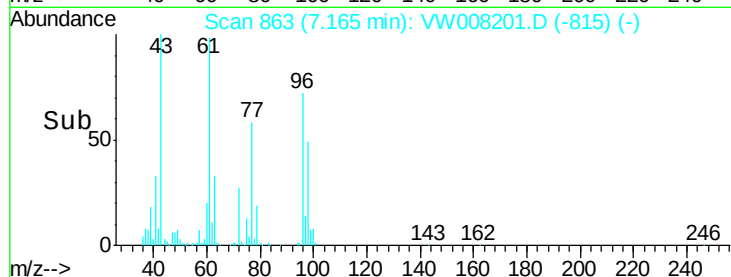
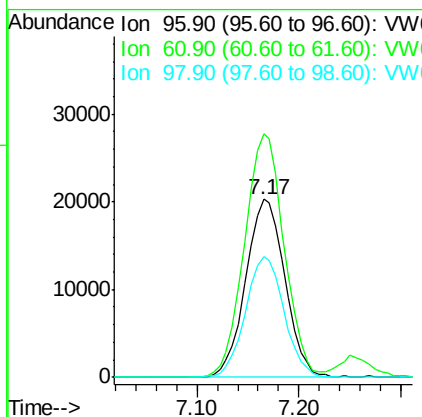
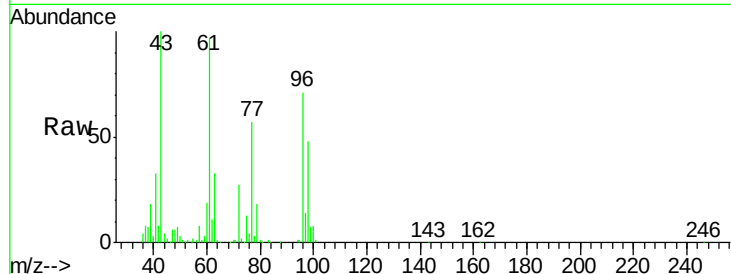
cis-1,2-Dichloroethene
Concen: 75.744 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	300.4
98	67.0	0.0	128.4

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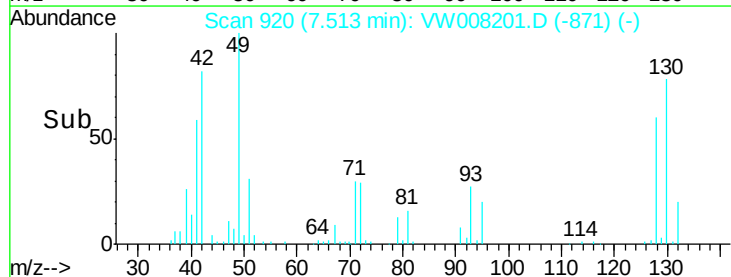
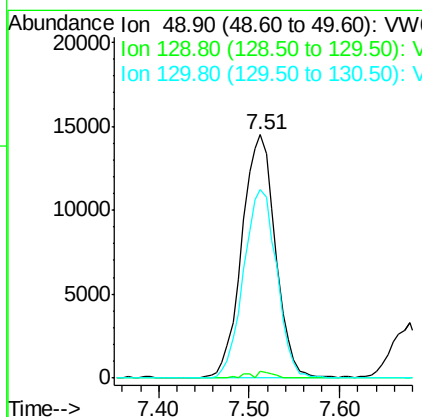
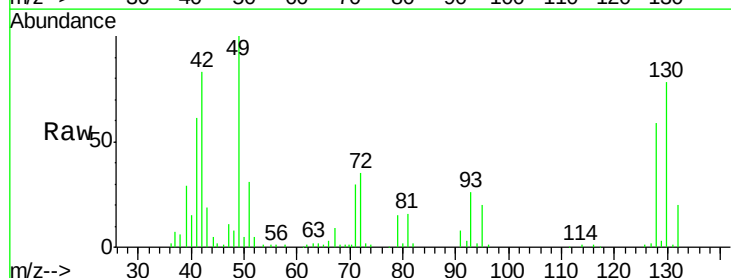
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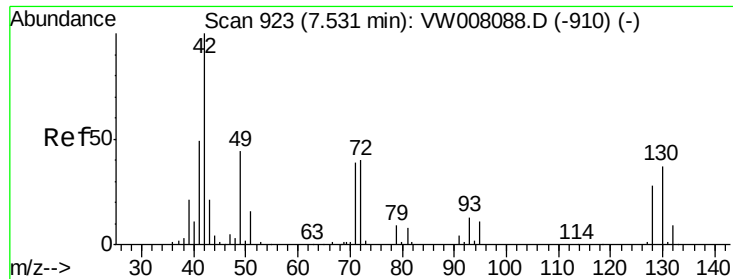


#28

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

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





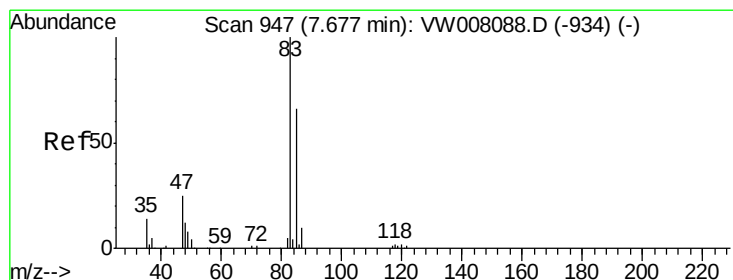
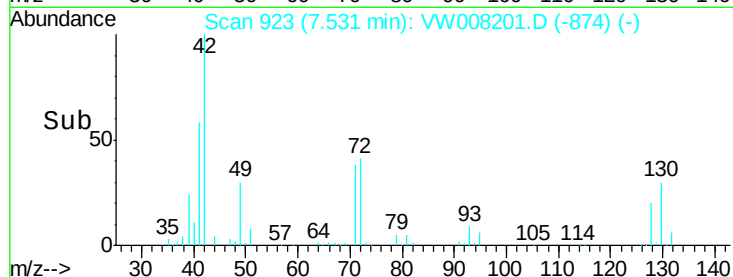
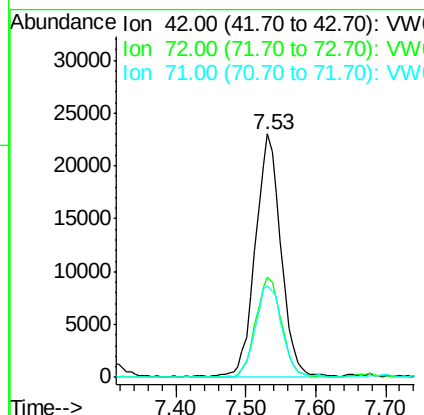
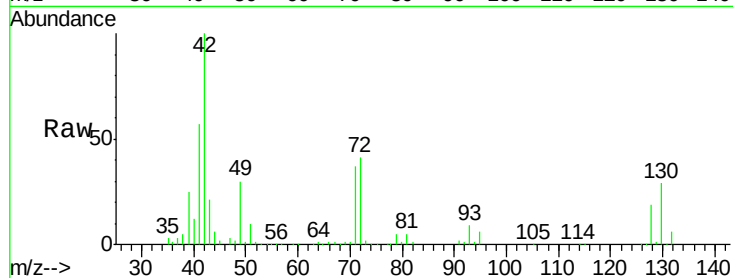
#29
Tetrahydrofuran
Concen: 512.398 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.4	48.6
71	39.2	31.3	46.9

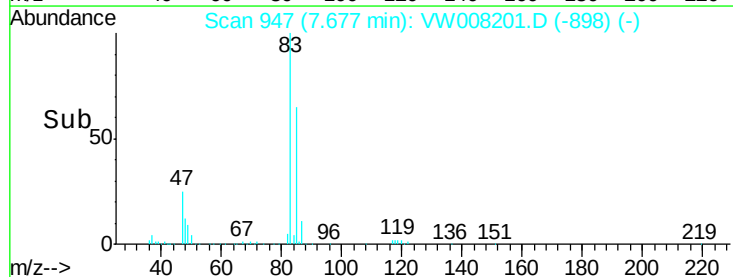
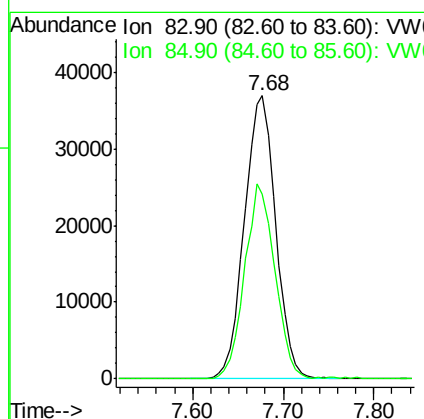
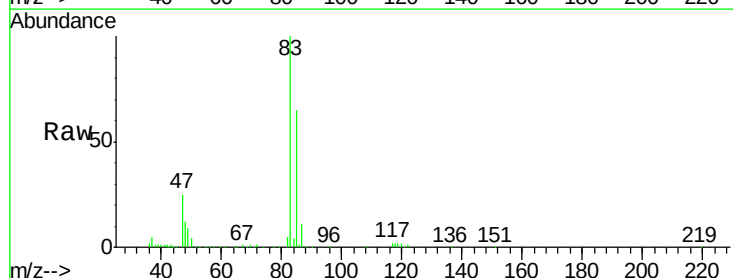
Manual Integrations
APPROVED

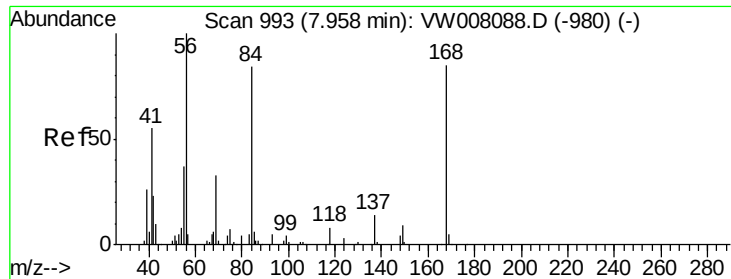
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#30
Chloroform
Concen: 76.494 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.2	79.8





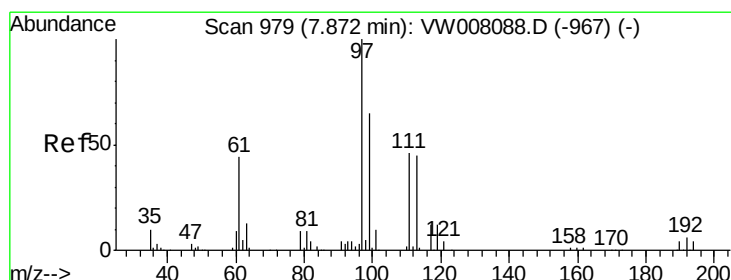
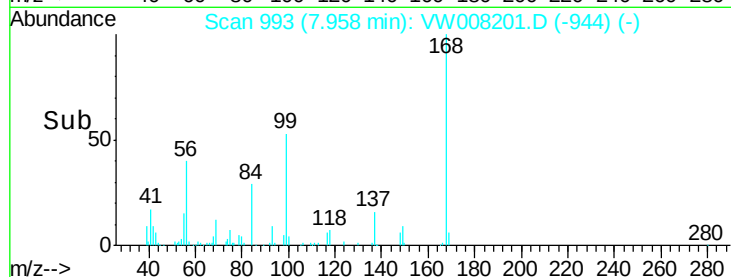
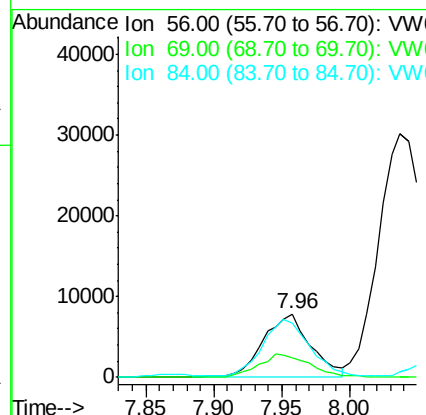
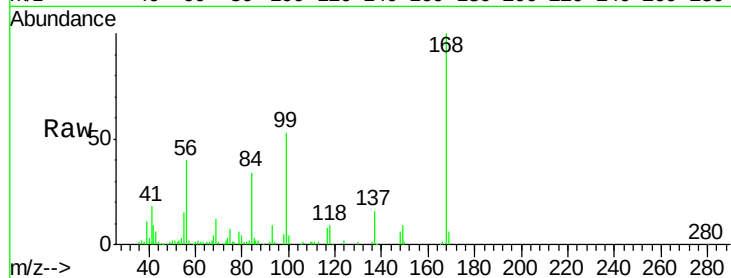
#31
Cyclohexane
Concen: 14.749 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	26.2	39.4
84	81.8	67.4	101.2

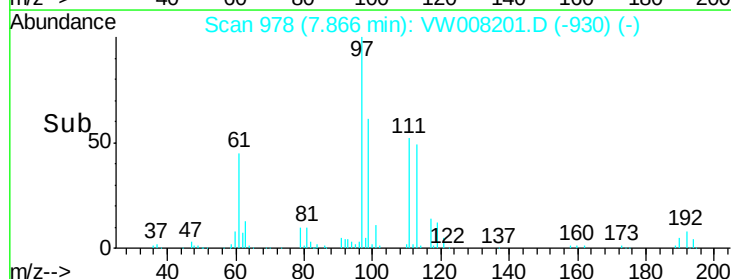
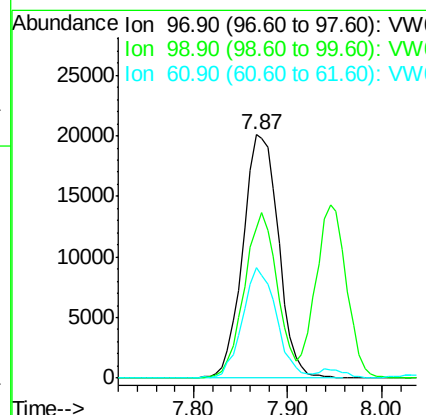
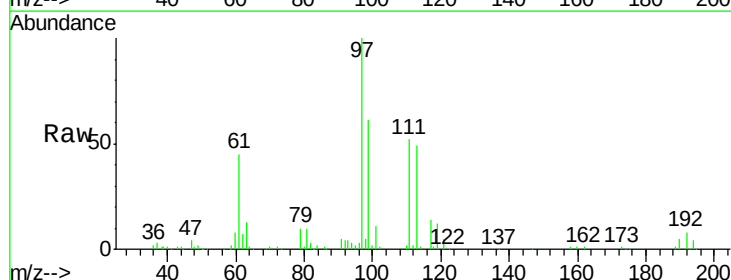
Manual Integrations
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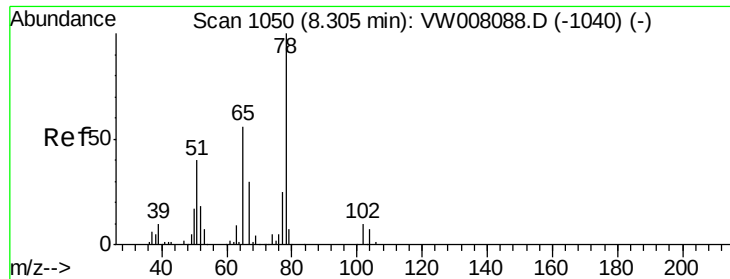
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#32
1,1,1-Trichloroethane
Concen: 52.401 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.4	77.0
61	43.5	35.6	53.4





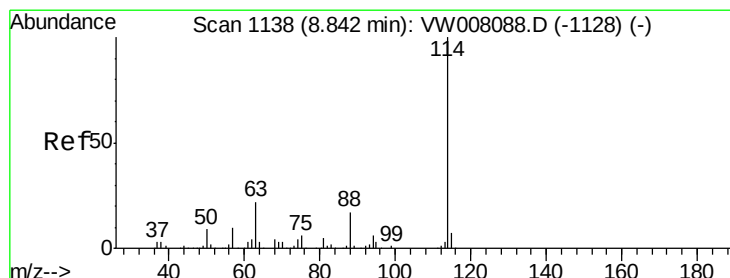
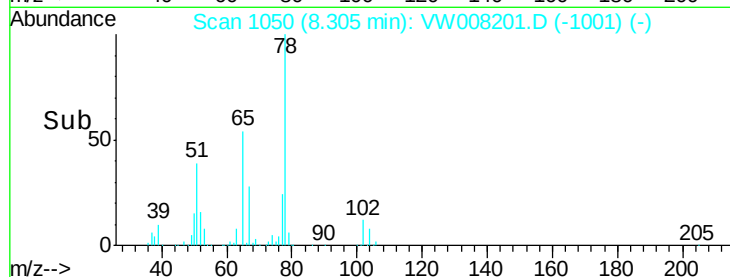
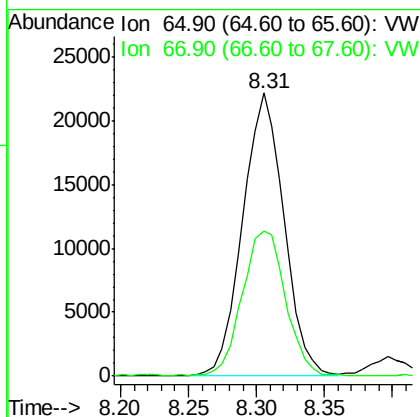
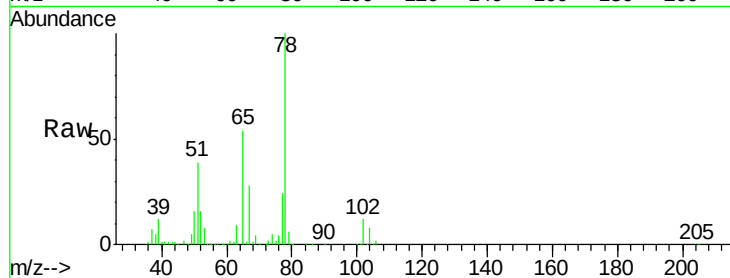
#33
 1,2-Dichloroethane-d4
 Concen: 76.175 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.8

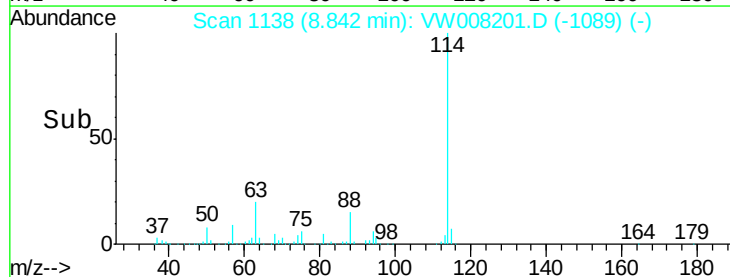
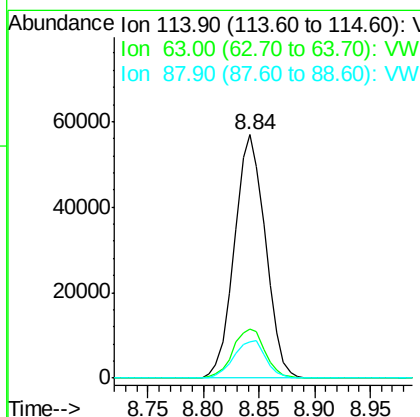
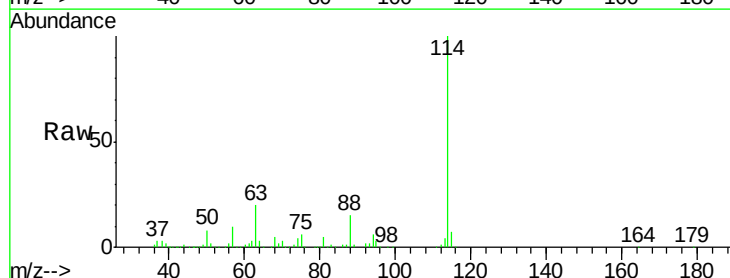
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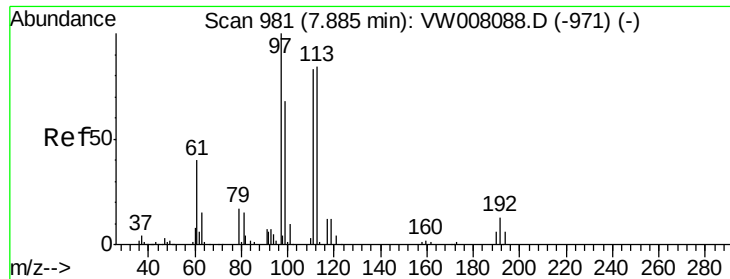
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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





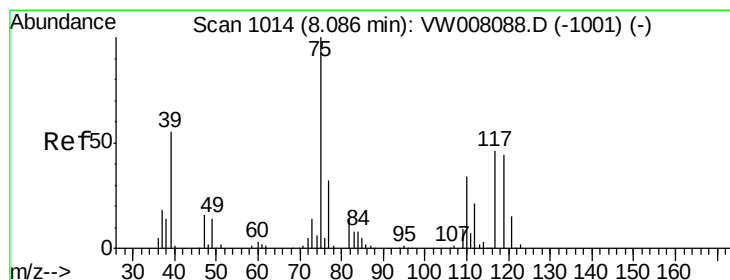
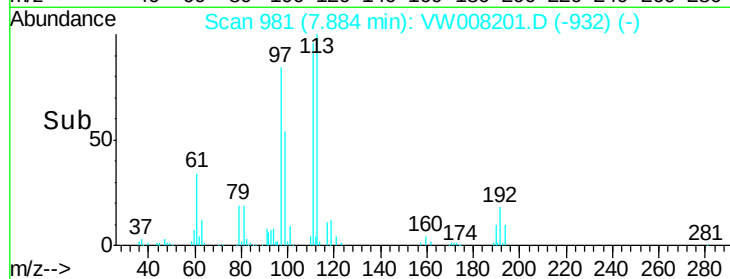
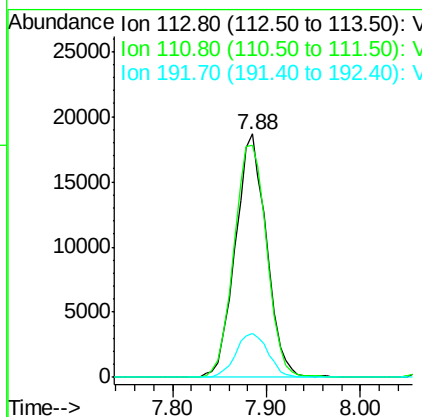
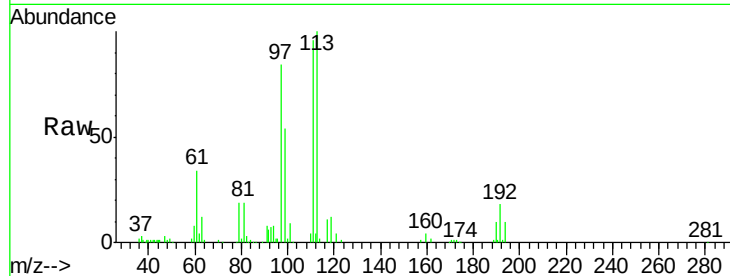
#35
 Dibromofluoromethane
 Concen: 67.337 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.8
192	18.9	12.8	19.2

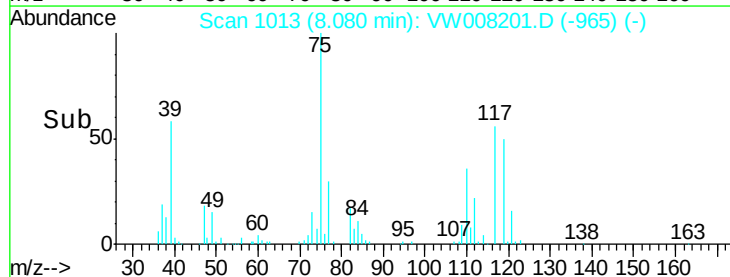
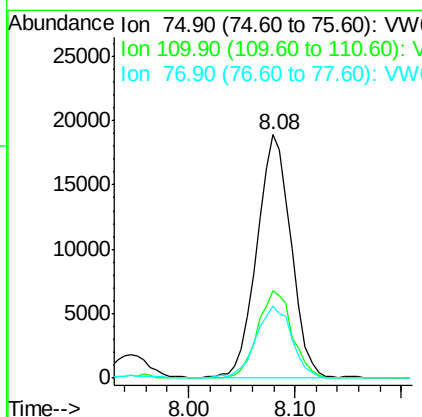
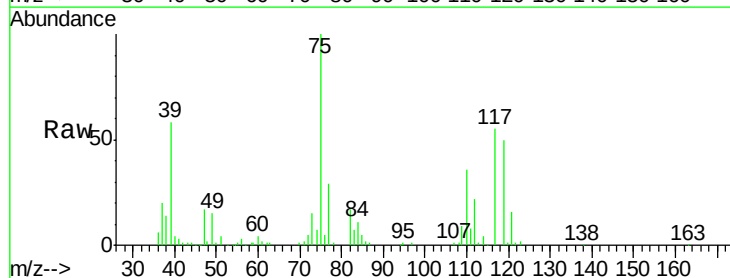
Manual Integrations
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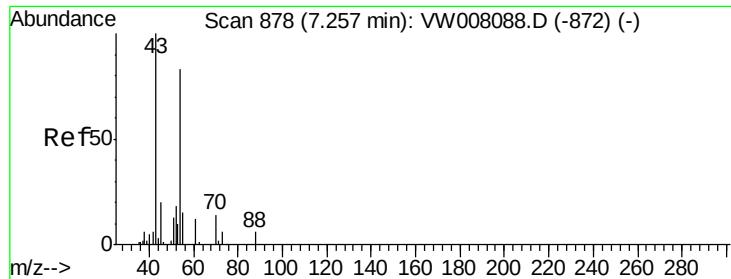
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#36
 1,1-Dichloropropene
 Concen: 37.673 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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





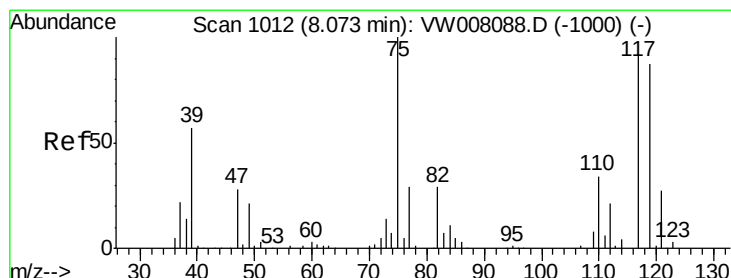
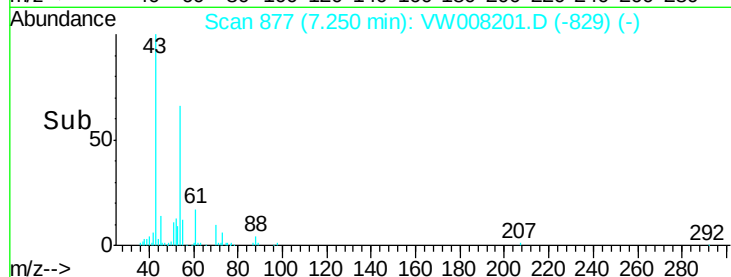
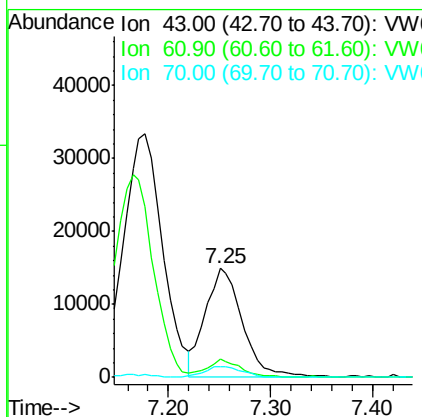
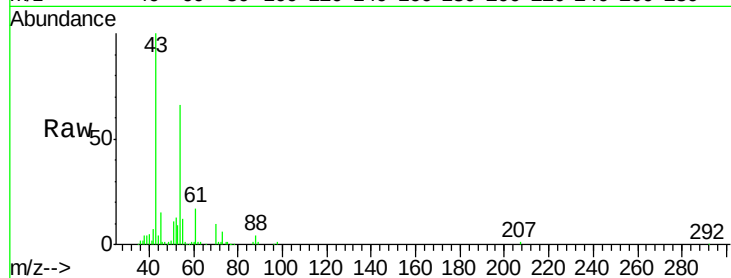
#37
Ethyl Acetate
Concen: 82.539 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

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

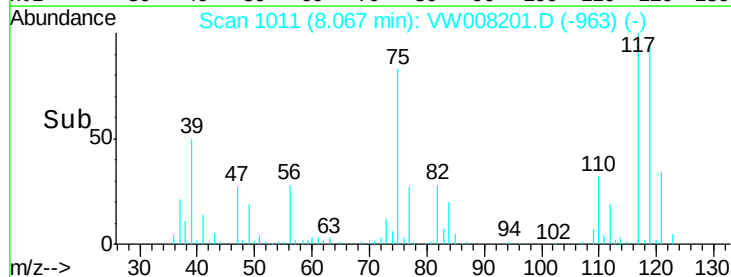
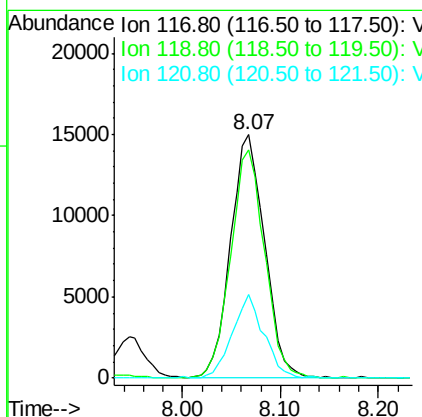
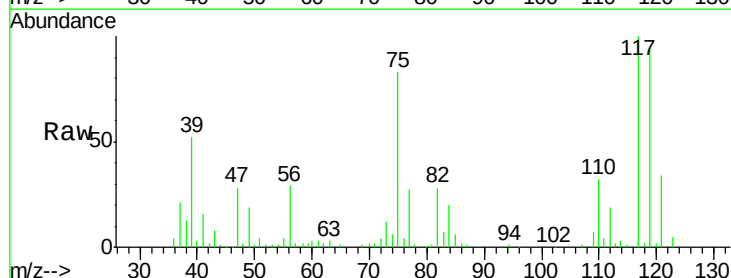
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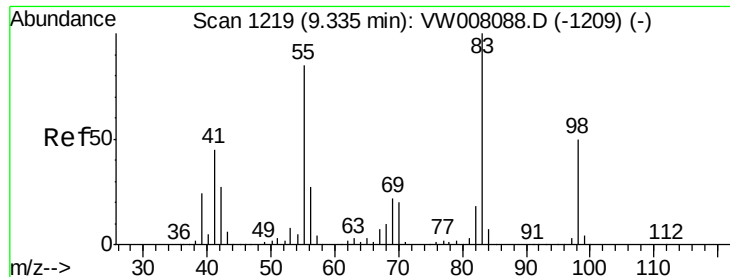
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#38
Carbon Tetrachloride
Concen: 35.145 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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





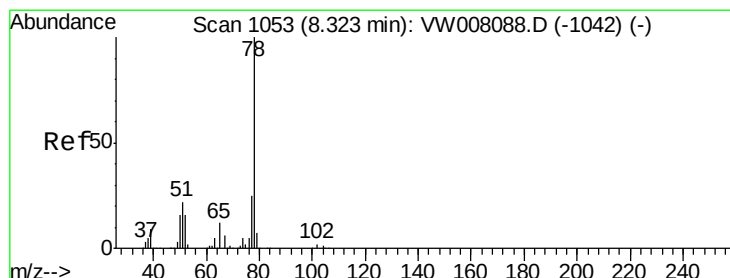
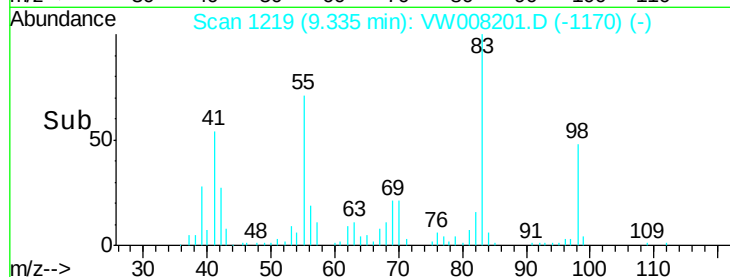
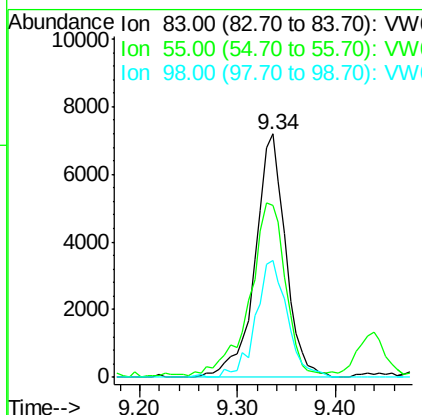
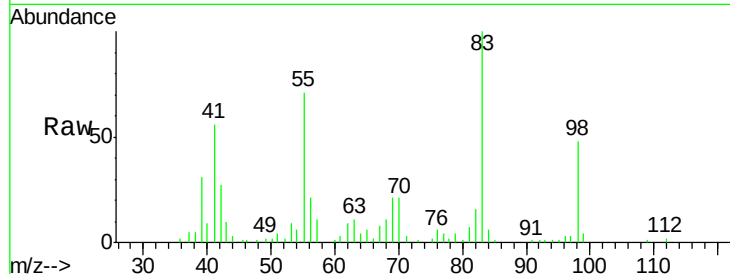
#39
Methylvlcyclohexane
Concen: 10.906 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.0	67.8	101.6
98	48.1	40.2	60.4

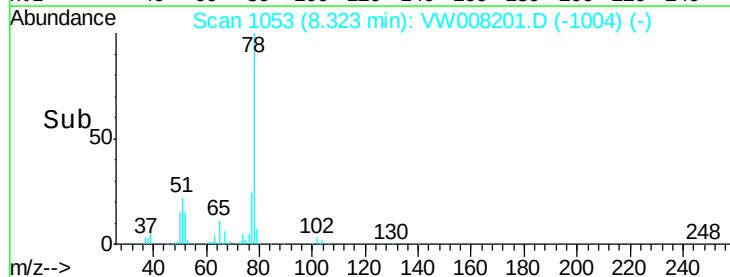
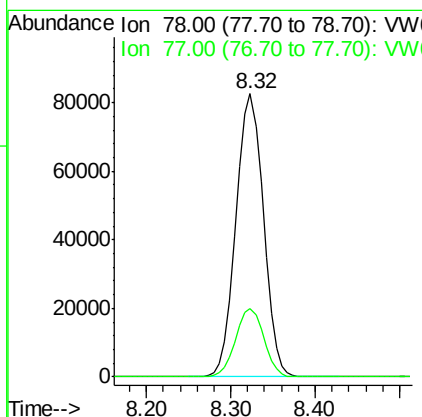
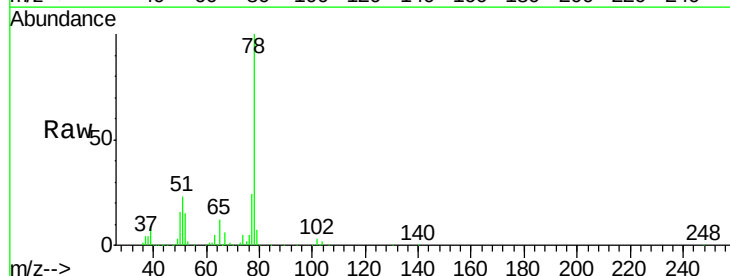
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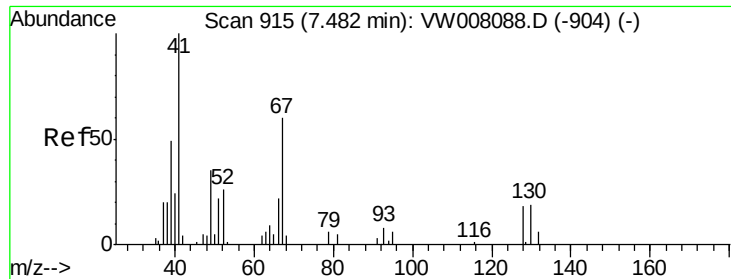
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#40
Benzene
Concen: 59.310 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	20.2	30.4





#41

Methacrylonitrile

Concen: 76.777 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

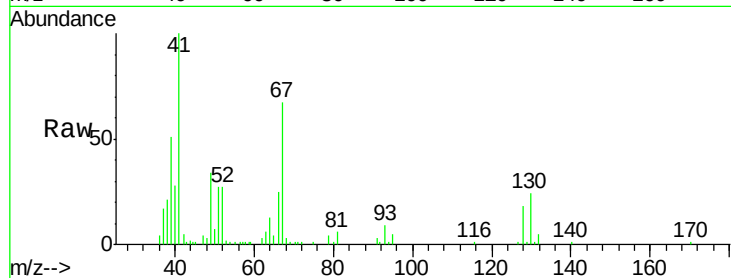
ClientSampleId :

CPSB-07(15-20)MSD

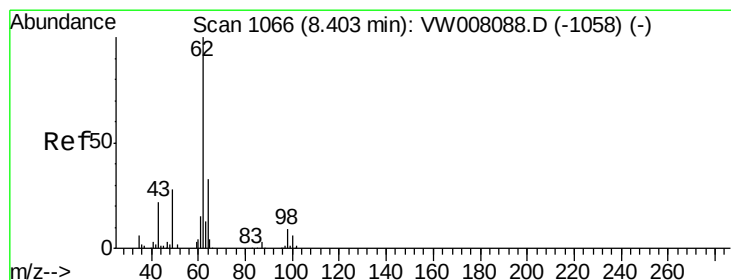
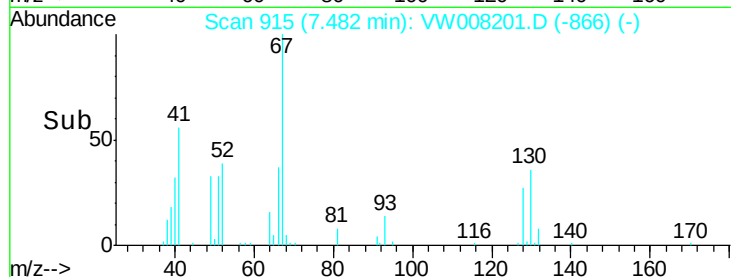
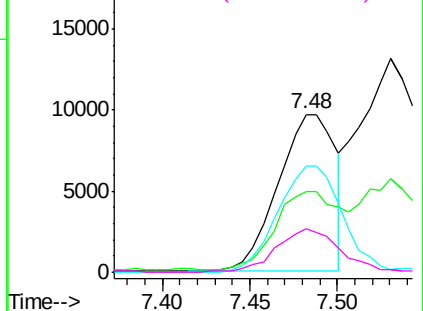
Tot Ion	41	Resp	21942
Ion	Ratio	Lower	Upper
41	100		
39	58.8	47.9	71.9
67	77.4	56.3	84.5
52	31.4	24.5	36.7

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 74.118 ug/l

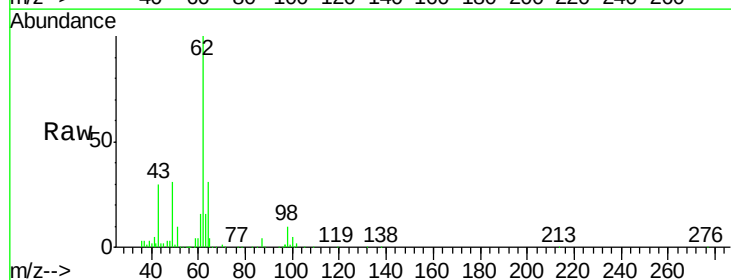
RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

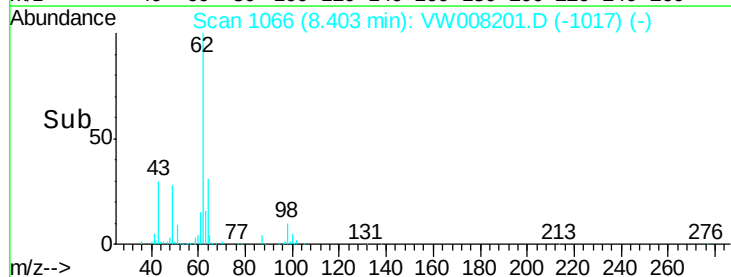
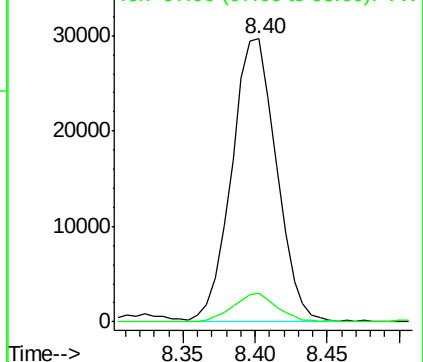
Lab File: VW008201.D

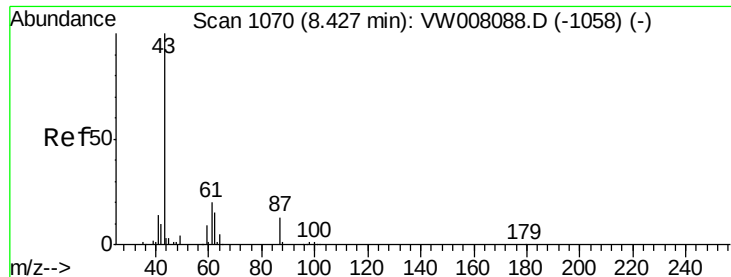
Acq: 11 Jan 2019 18:25

Tgt Ion	62	Resp	63849
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 83.502 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

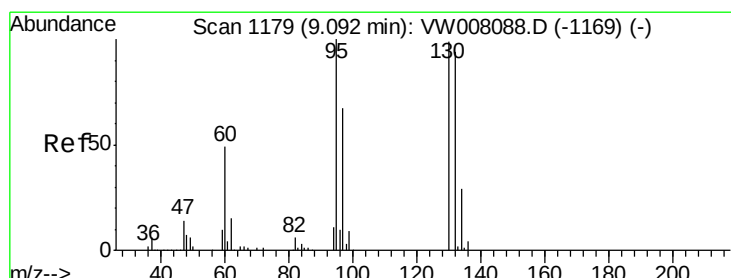
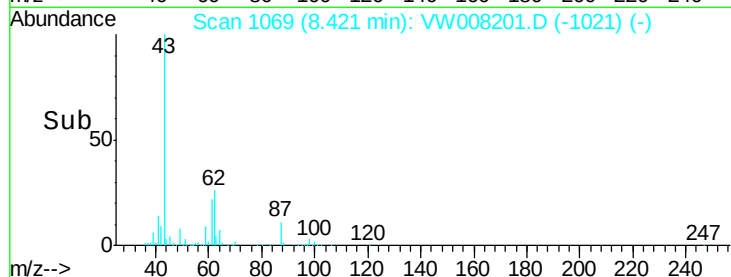
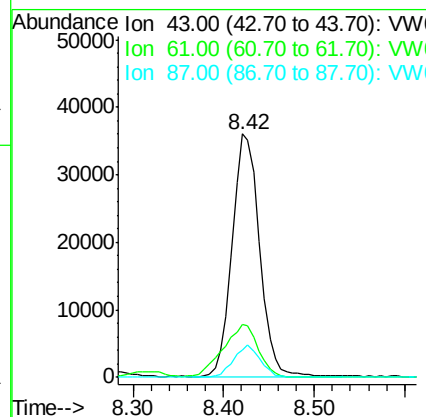
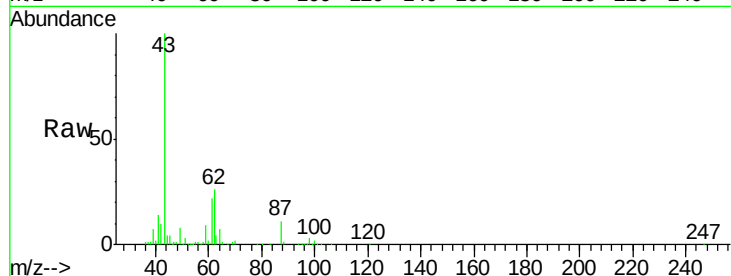
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	43	Resp:	75532
Ion	Ratio	Lower	Upper
43	100		
61	27.8	24.8	37.2
87	12.8	10.4	15.6

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#44

Trichloroethene

Concen: 46.823 ug/l

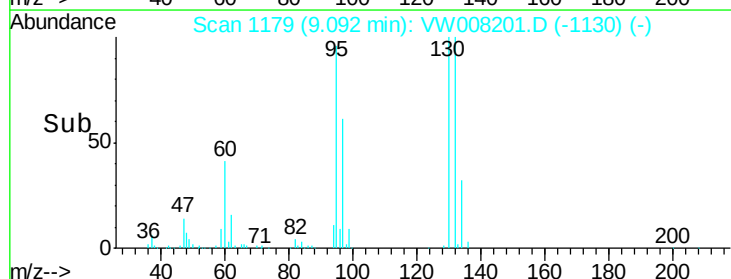
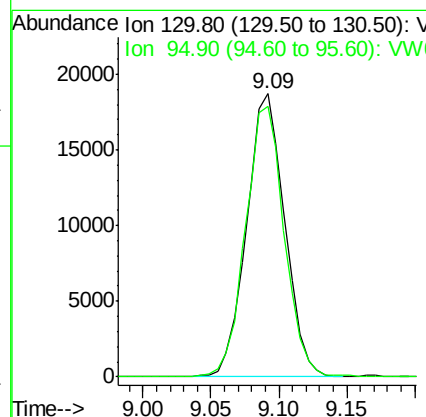
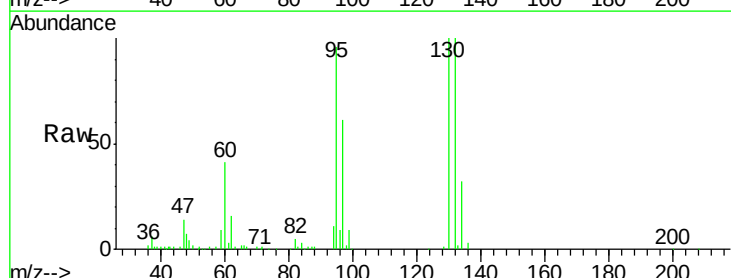
RT: 9.09 min Scan# 1179

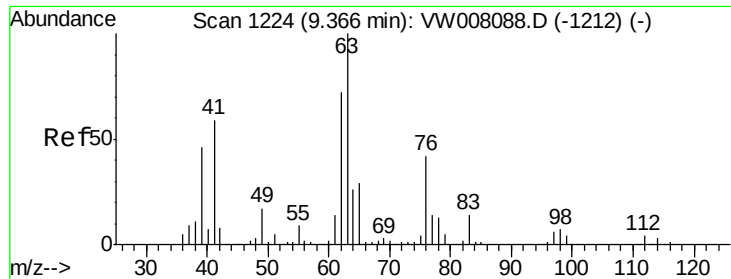
Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion:	130	Resp:	36712
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	202.8





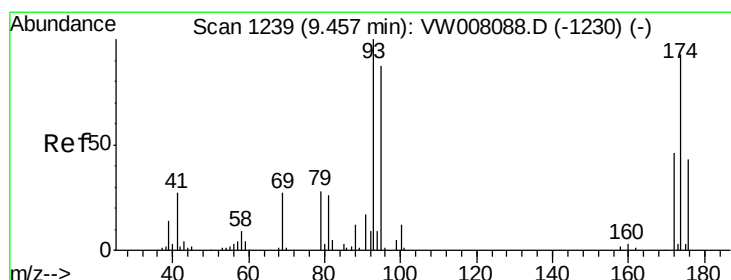
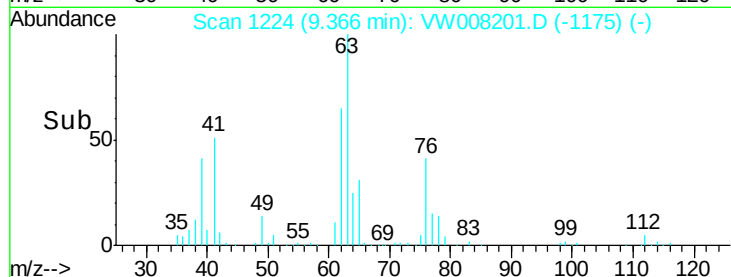
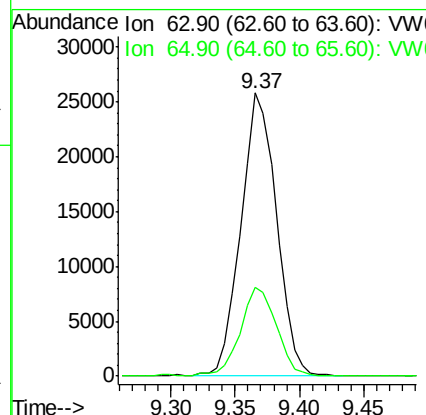
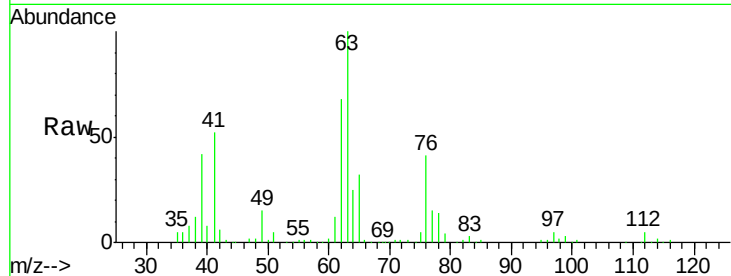
#45
 1,2-Dichloropropane
 Concen: 65.289 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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

Tot Ion: 63 Resp: 49584
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.3 34.9

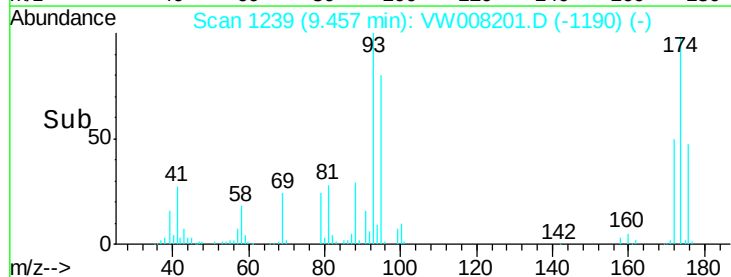
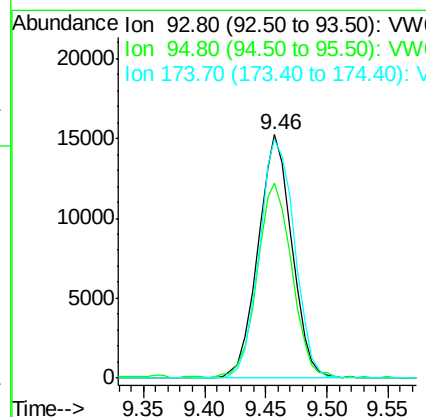
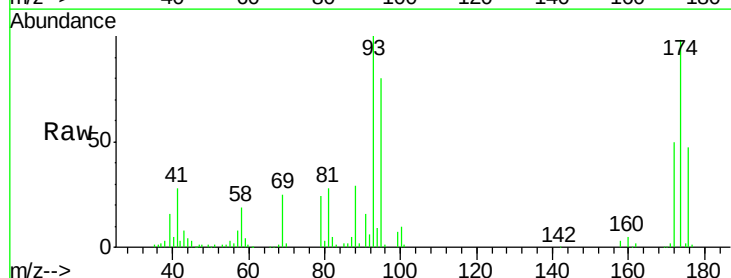
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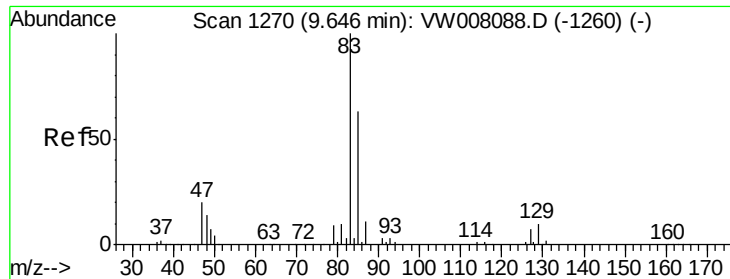
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#46
 Dibromomethane
 Concen: 78.544 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion: 93 Resp: 29295
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.5 101.3
 174 102.0 72.5 108.7





#47

Bromodichloromethane

Concen: 68.147 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

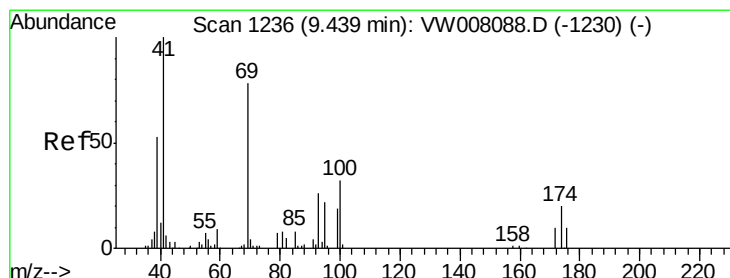
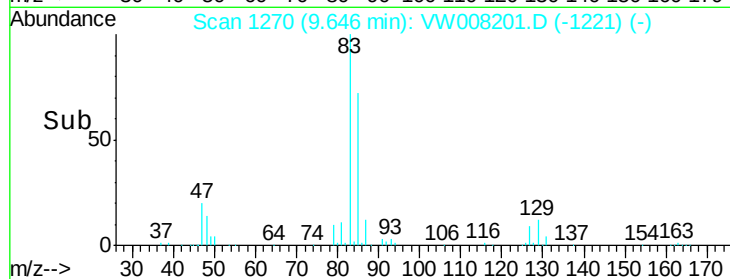
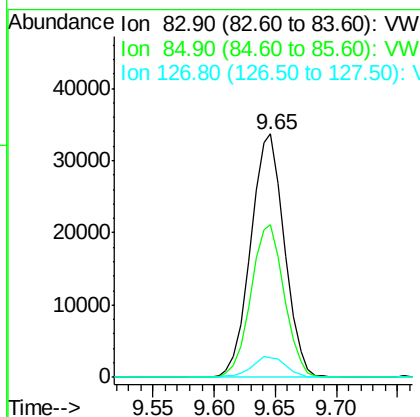
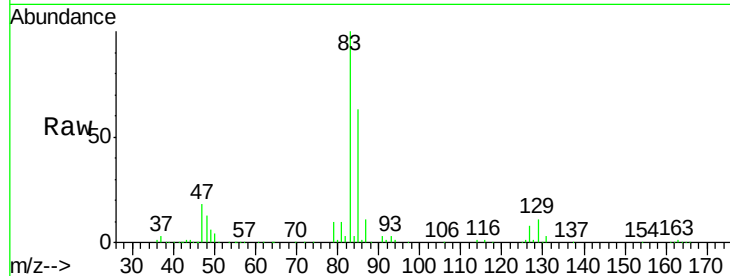
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	83	Resp:	64539
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.7	76.1
127	8.0	6.0	9.0

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#48

Methyl methacrylate

Concen: 87.299 ug/l

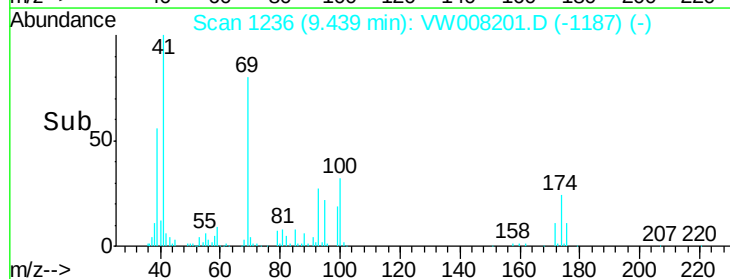
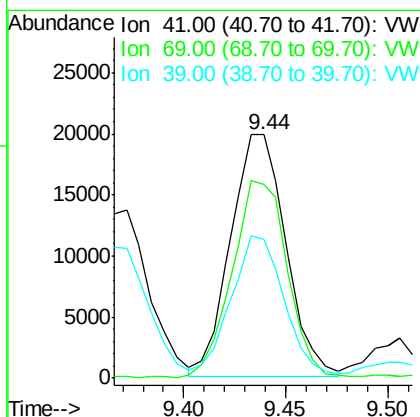
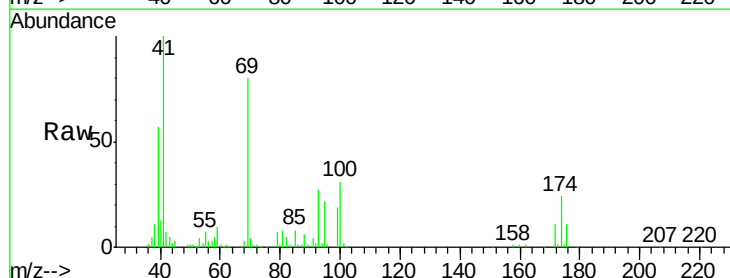
RT: 9.44 min Scan# 1236

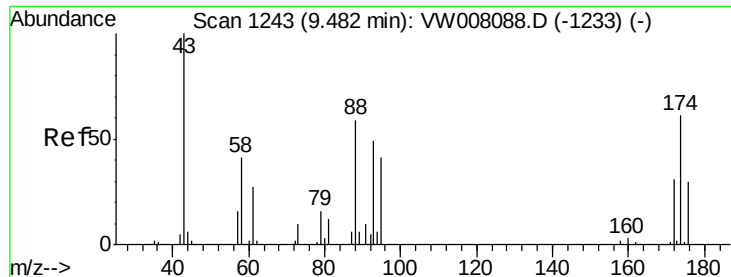
Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion:	41	Resp:	37261
Ion	Ratio	Lower	Upper
41	100		
69	82.1	61.9	92.9
39	56.3	43.0	64.4





#49

1,4-Dioxane

Concen: 1765.720 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

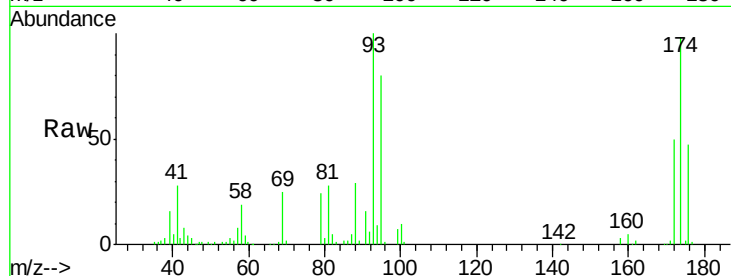
ClientSampleId :

CPSB-07(15-20)MSD

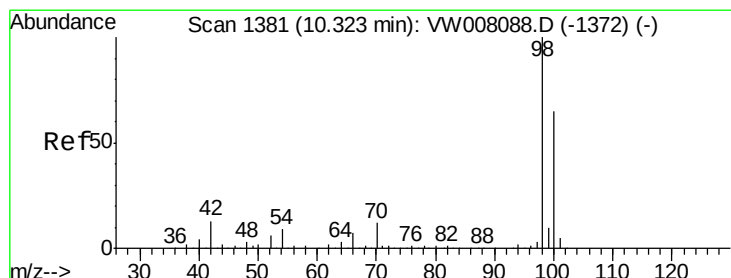
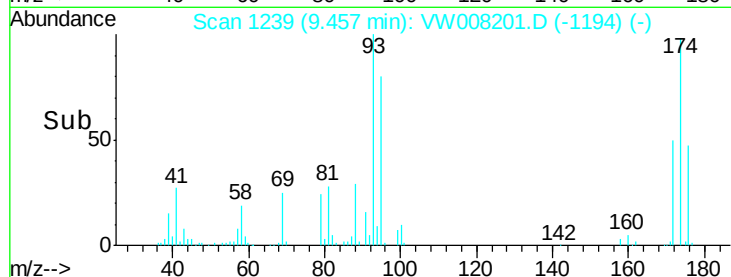
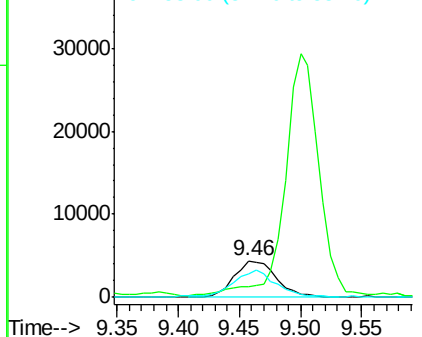
Tot Ion:	88	Resp:	10591
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	78.5	61.7	92.5

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



#50

Toluene-d8

Concen: 40.295 ug/l

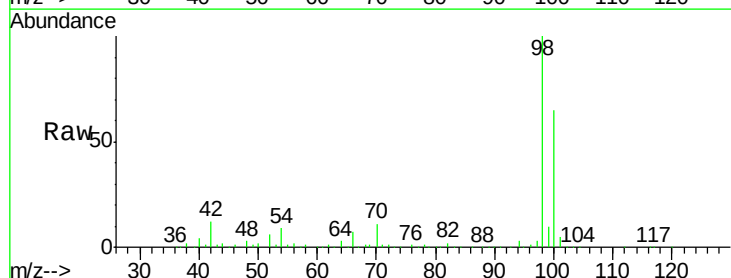
RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

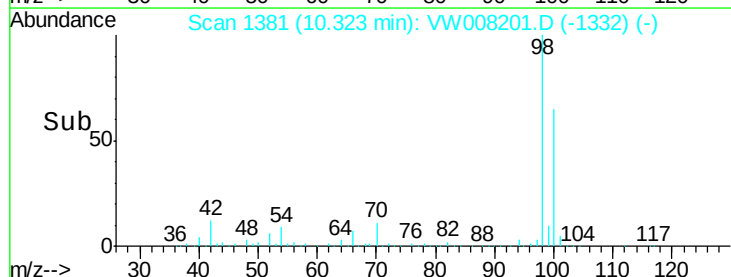
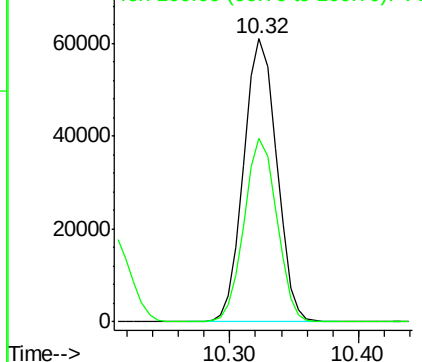
Lab File: VW008201.D

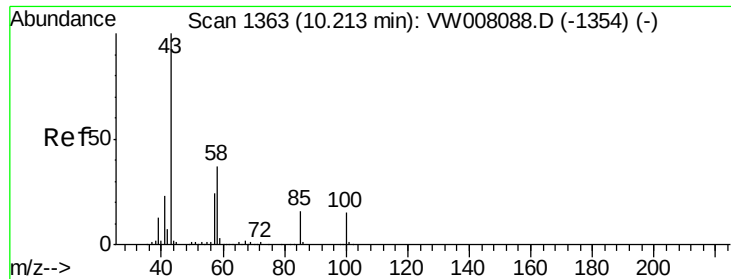
Acq: 11 Jan 2019 18:25

Tgt Ion:	98	Resp:	108116
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5



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





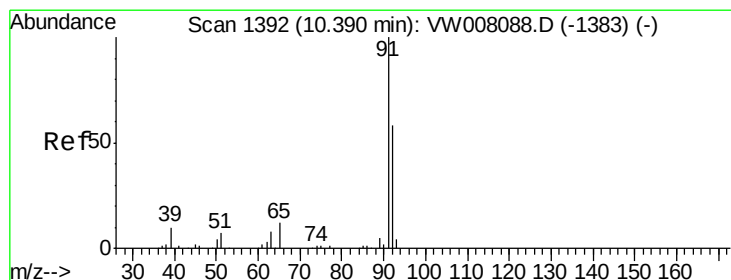
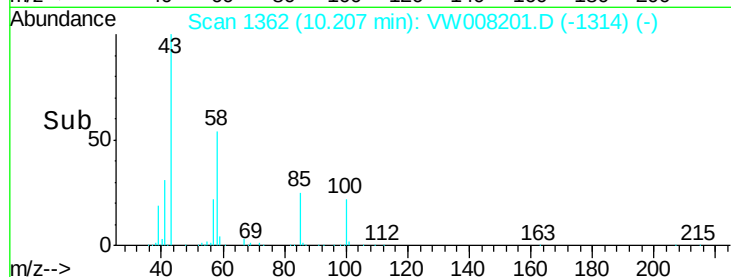
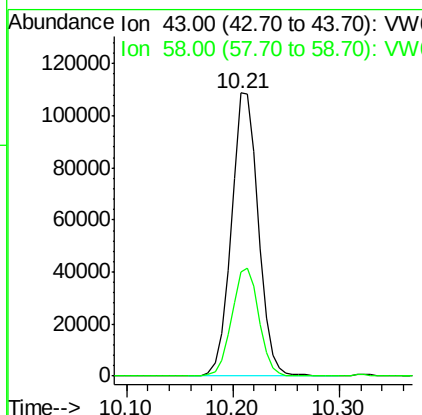
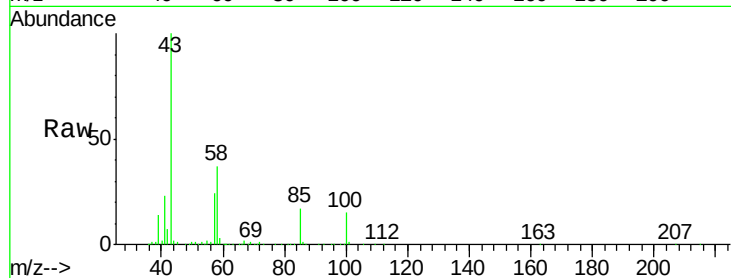
#51
4-Methyl-2-Pentanone
Concen: 440.173 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.6	46.0

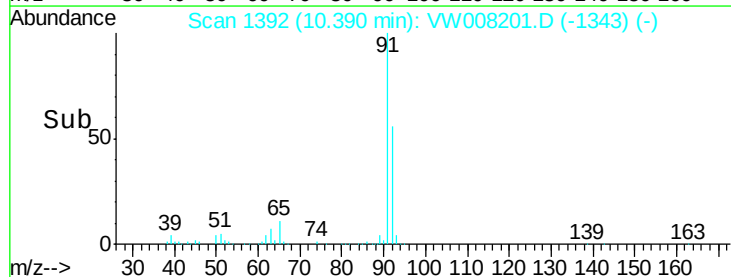
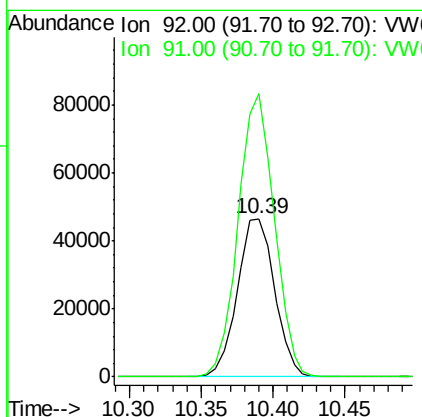
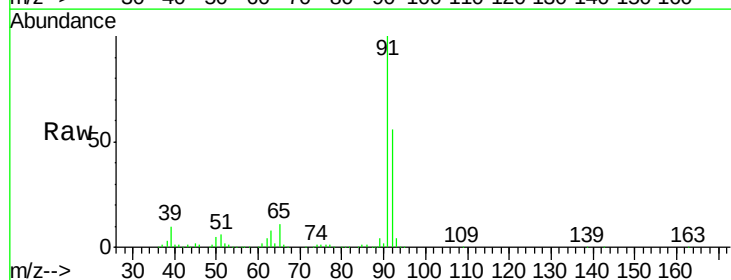
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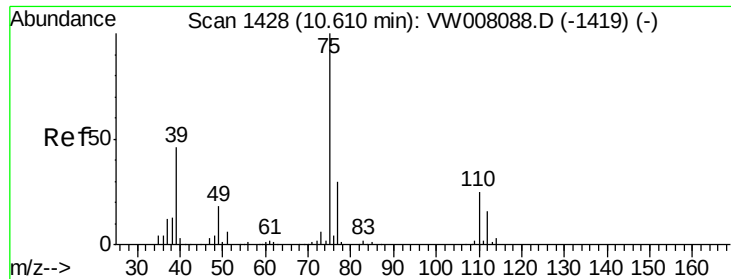
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#52
Toluene
Concen: 42.749 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.3	137.0	205.4





#53

t-1,3-Dichloropropene

Concen: 65.800 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 75 Resp: 64820

Ion Ratio Lower Upper

75 100

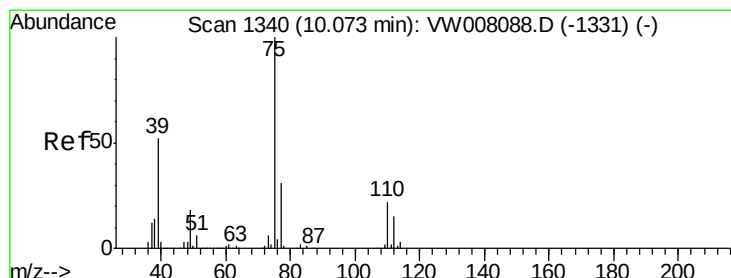
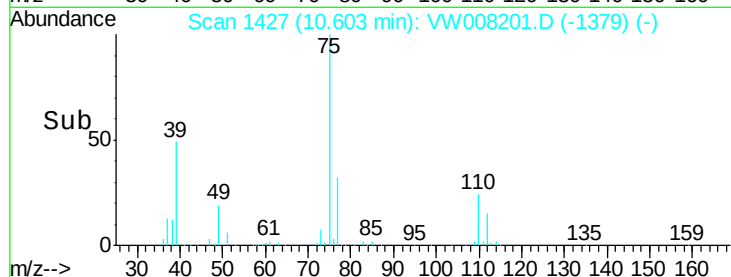
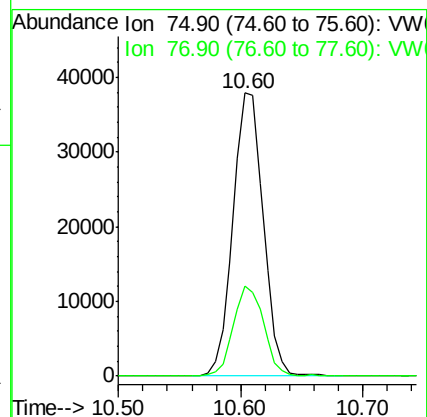
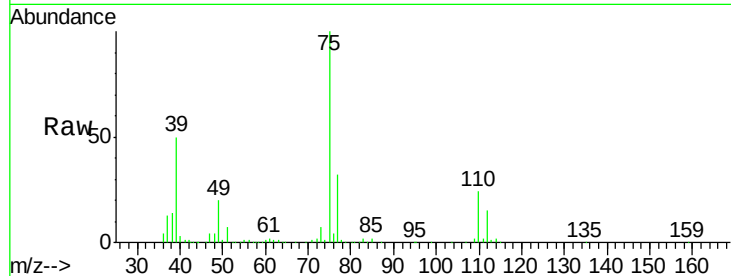
77 31.9 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 62.075 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

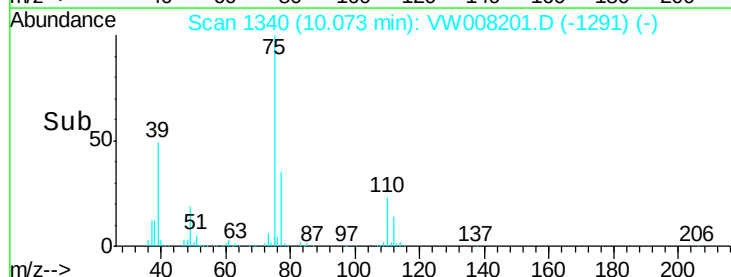
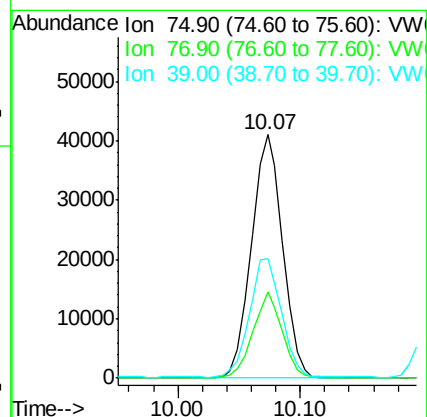
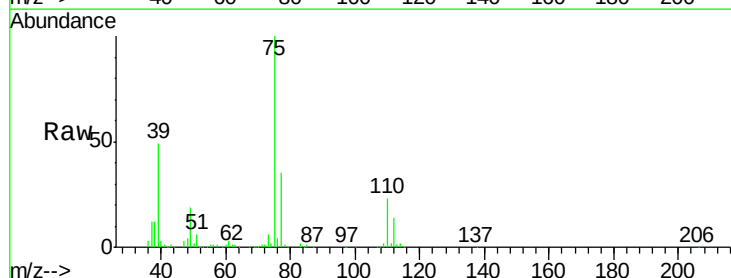
Tgt Ion: 75 Resp: 72513

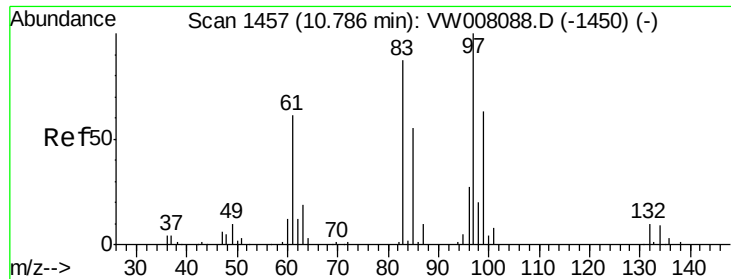
Ion Ratio Lower Upper

75 100

77 35.3 25.2 37.8

39 48.7 41.4 62.0





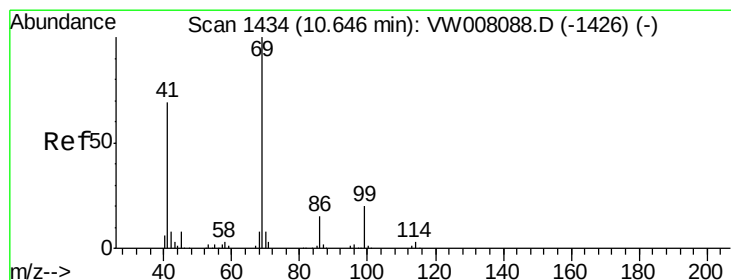
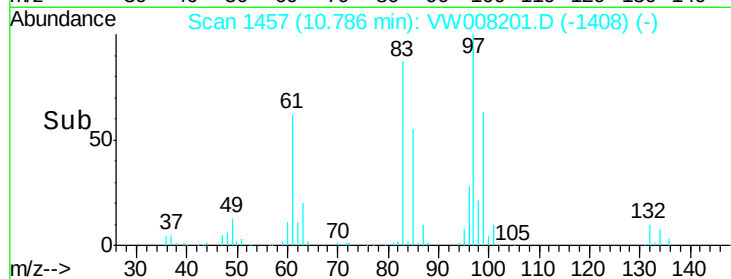
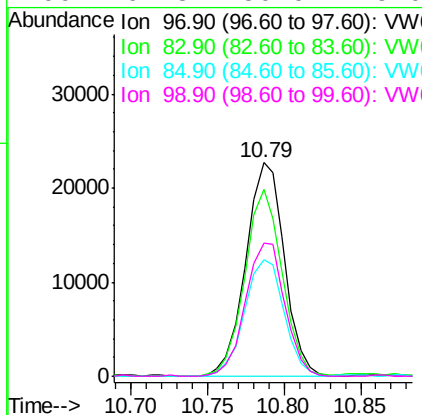
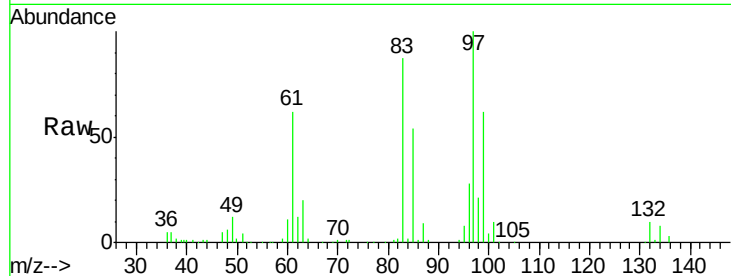
#55
 1,1,2-Trichloroethane
 Concen: 76.058 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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

Tot Ion	97	Resp:	39828
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.3	103.9
85	54.3	43.8	65.6
99	62.3	50.0	75.0

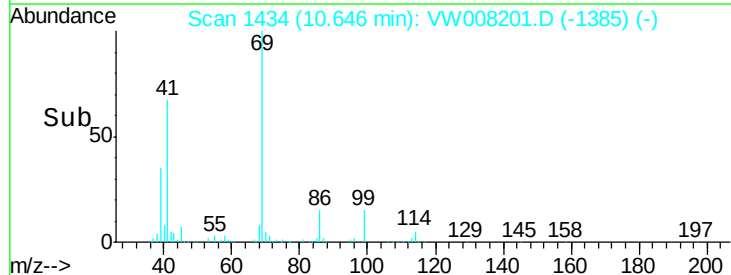
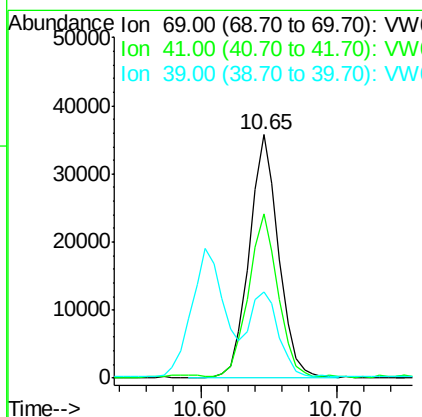
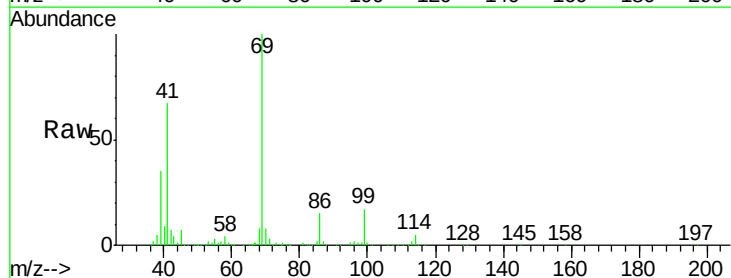
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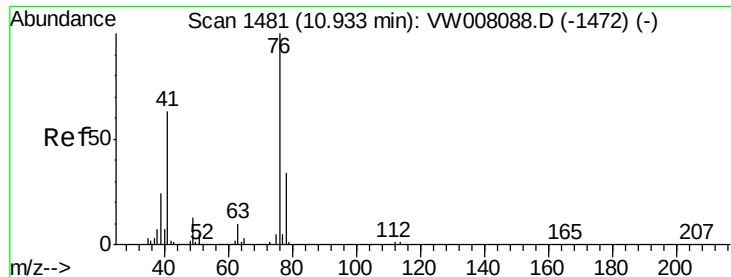
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#56
 Ethyl methacrylate
 Concen: 83.525 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

Tgt Ion	69	Resp:	54166
Ion	Ratio	Lower	Upper
69	100		
41	66.4	56.4	84.6
39	34.6	28.1	42.1





#57

1,3-Dichloropropane

Concen: 72.724 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 76 Resp: 69647

Ion Ratio Lower Upper

76 100

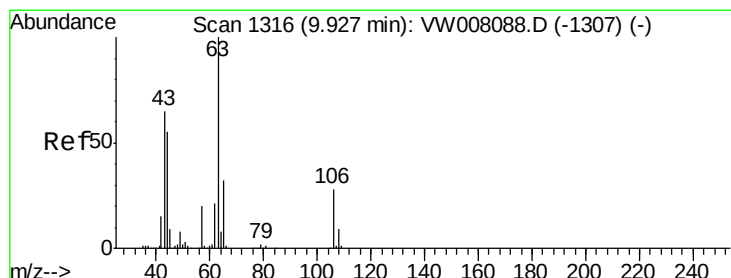
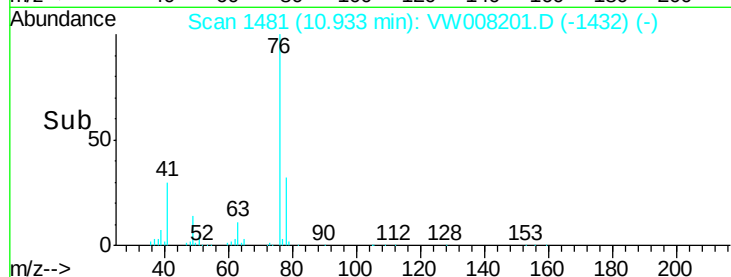
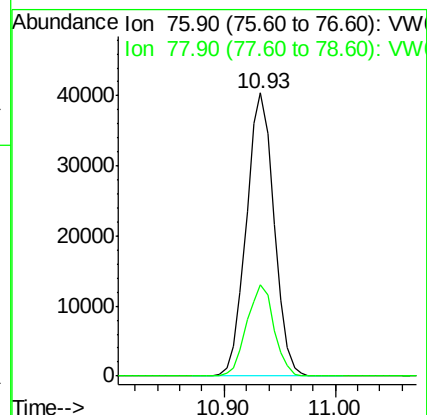
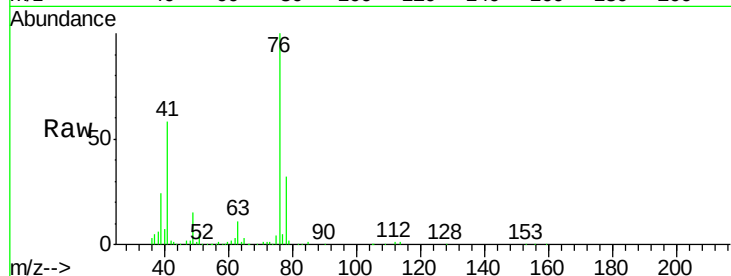
78 31.8 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 365.979 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW008201.D

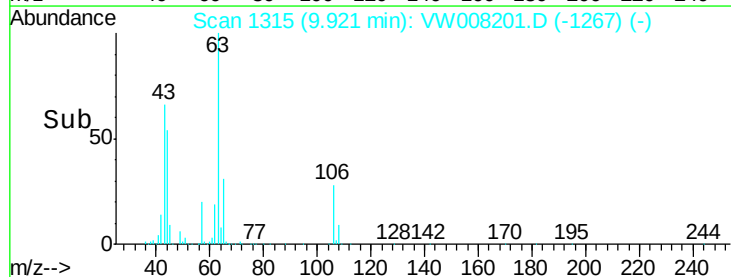
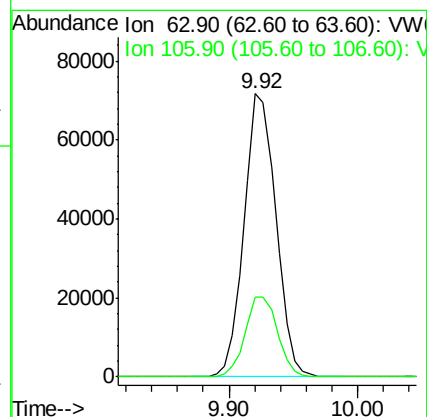
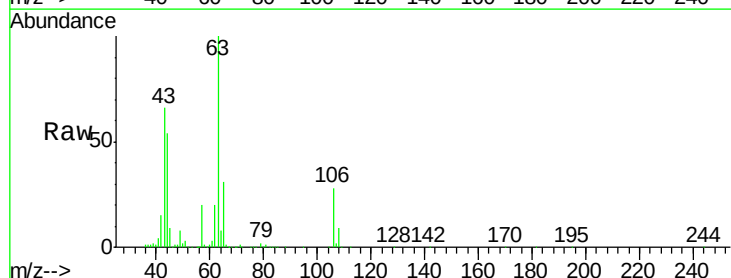
Acq: 11 Jan 2019 18:25

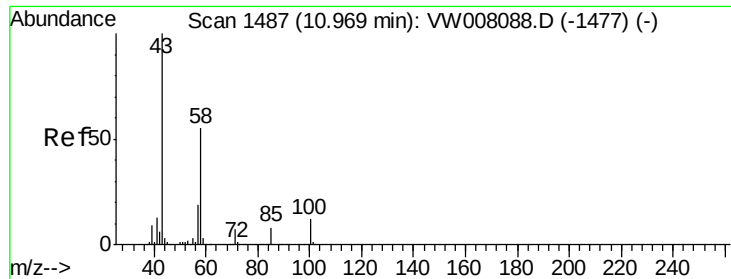
Tgt Ion: 63 Resp: 122597

Ion Ratio Lower Upper

63 100

106 29.0 21.8 32.6





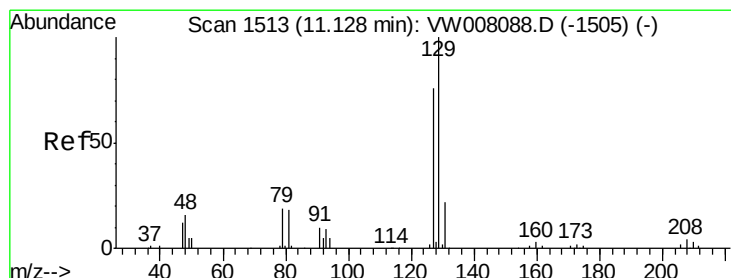
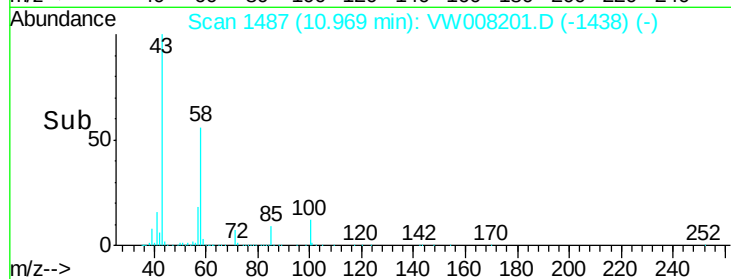
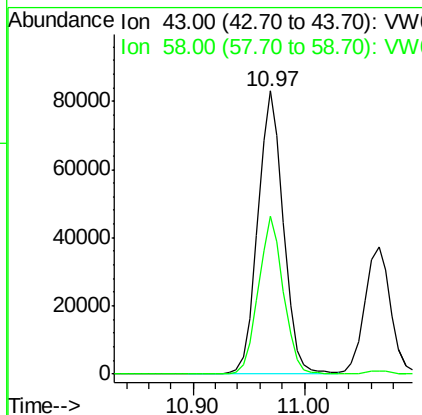
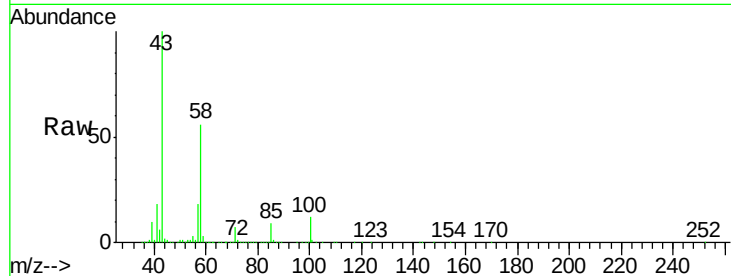
#59
2-Hexanone
Concen: 448.154 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

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

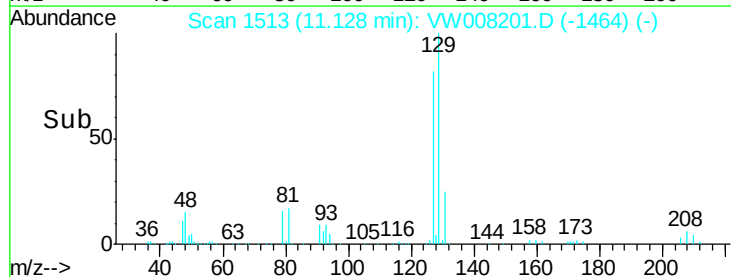
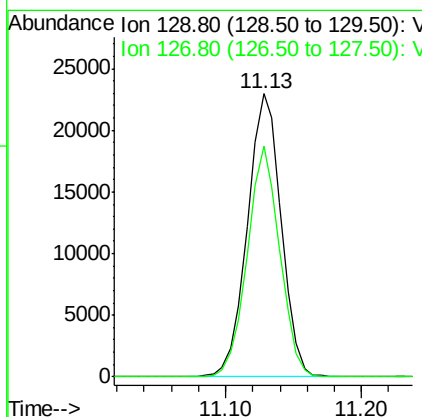
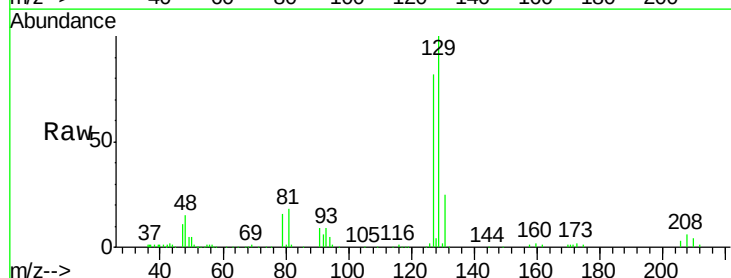
Manual Integrations
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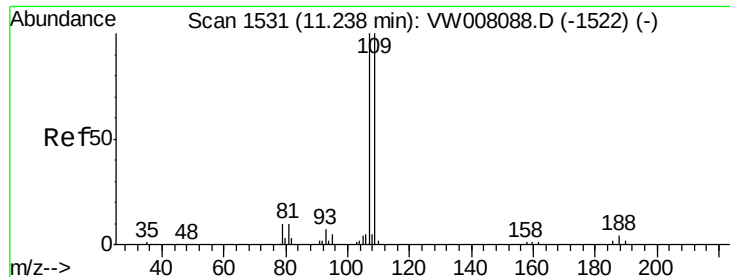
apatel
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#60
Dibromochloromethane
Concen: 69.415 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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





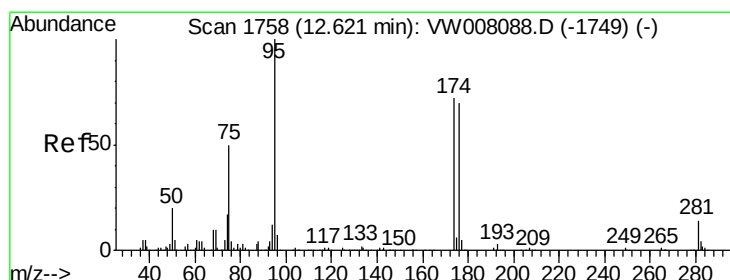
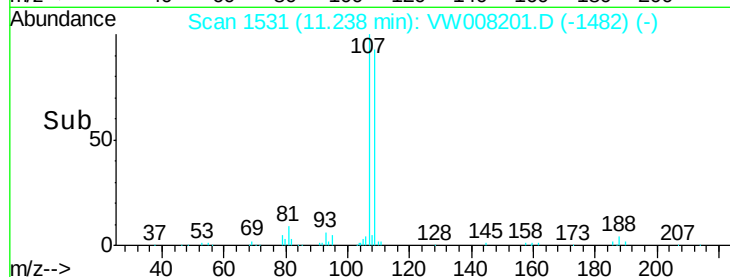
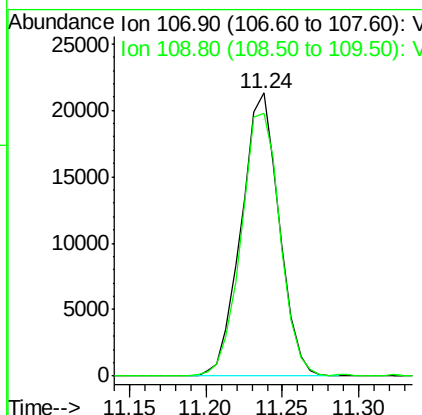
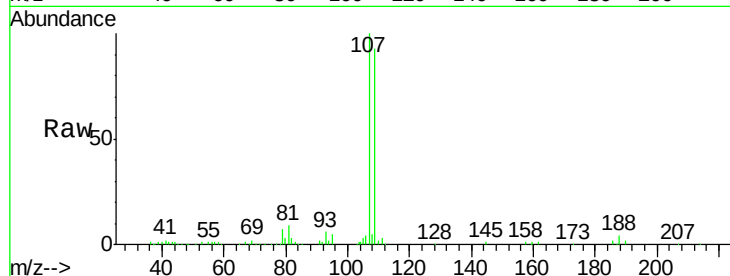
#61
 1,2-Dibromoethane
 Concen: 73.779 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
109	96.3	75.9	113.9	

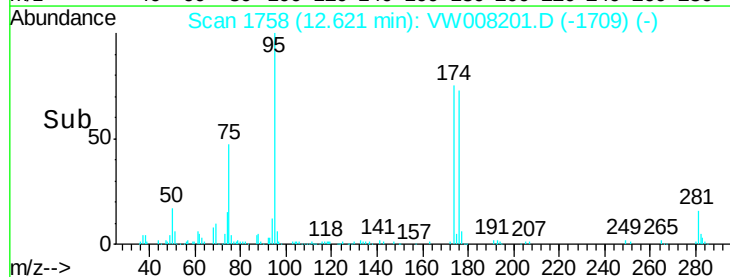
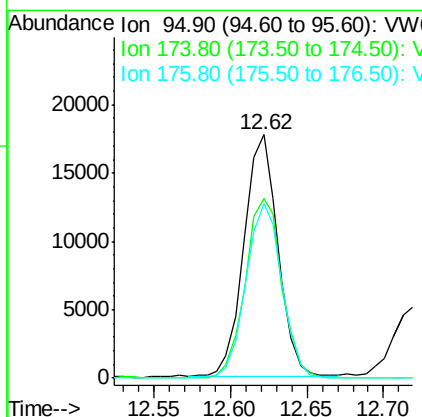
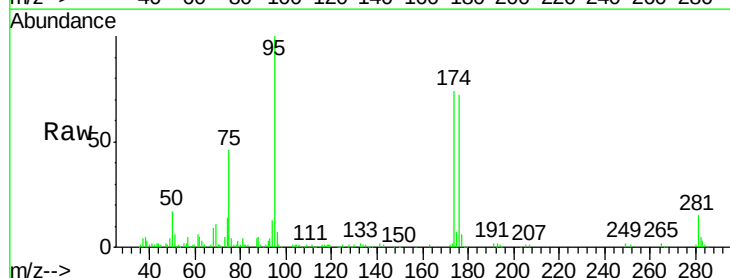
Manual Integrations
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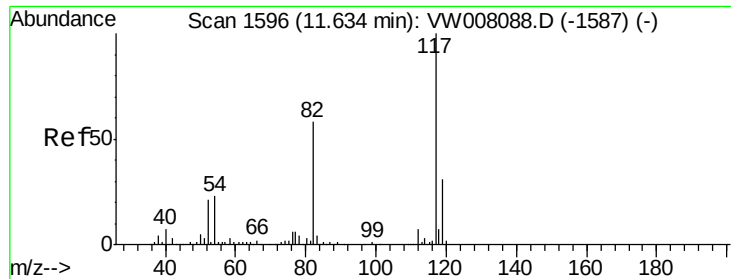
apatel
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#62
 4-Bromofluorobenzene
 Concen: 28.271 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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





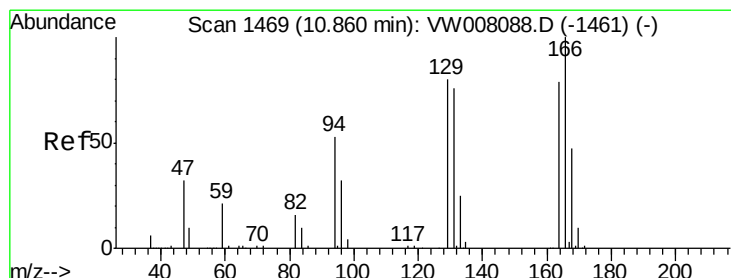
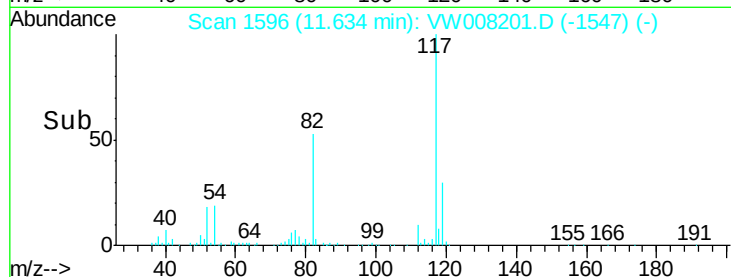
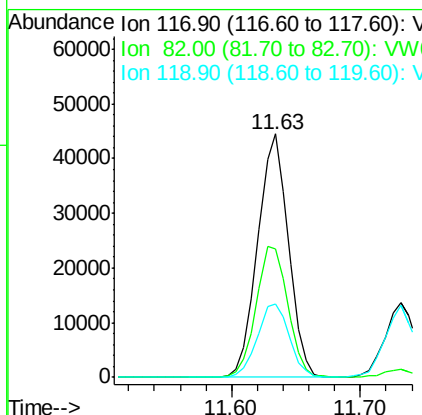
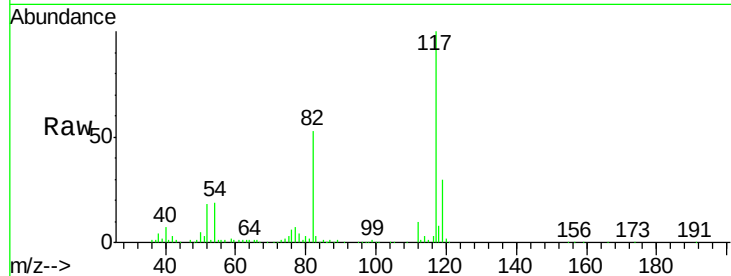
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	46.4	69.6
119	30.3	24.7	37.1

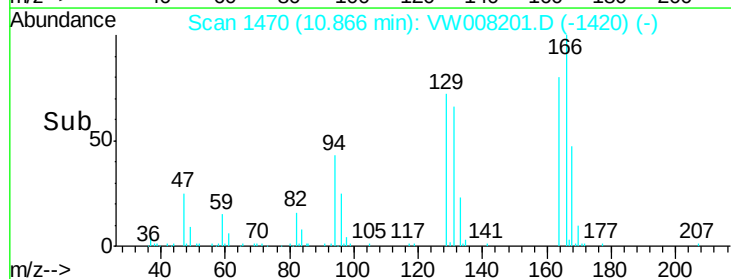
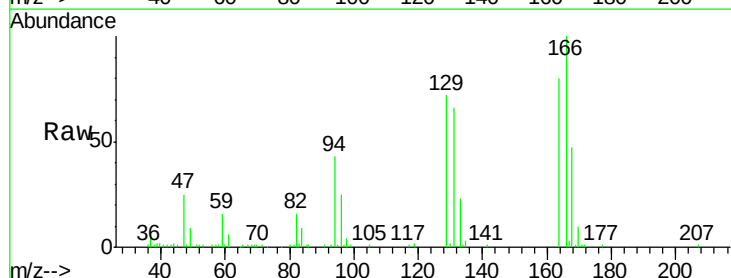
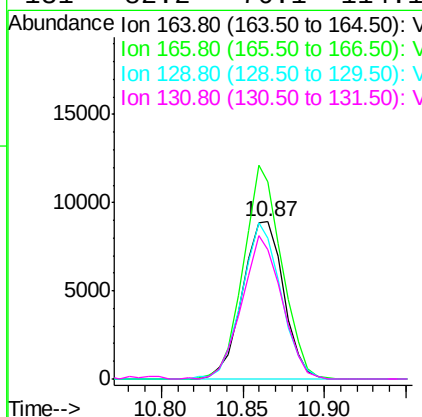
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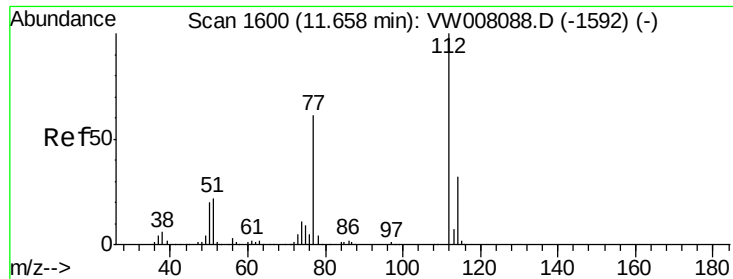
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#64
Tetrachloroethene
Concen: 32.899 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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





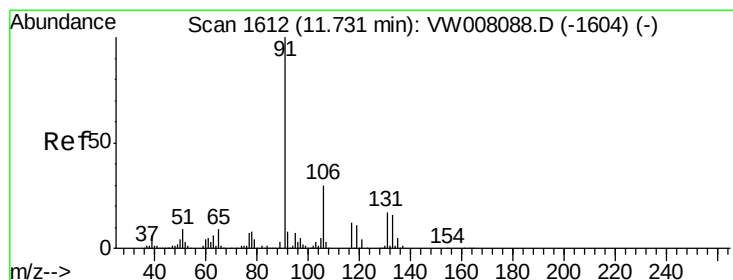
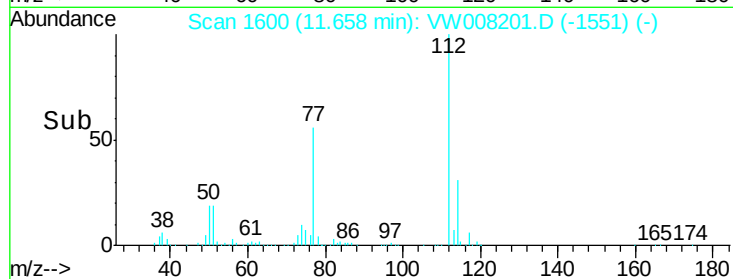
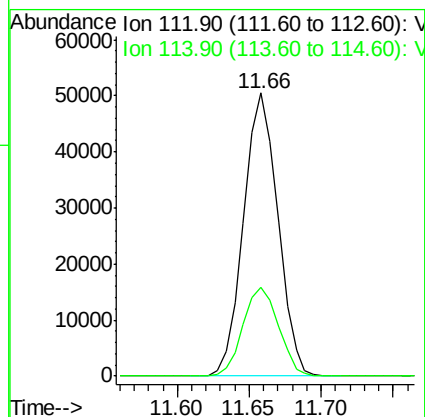
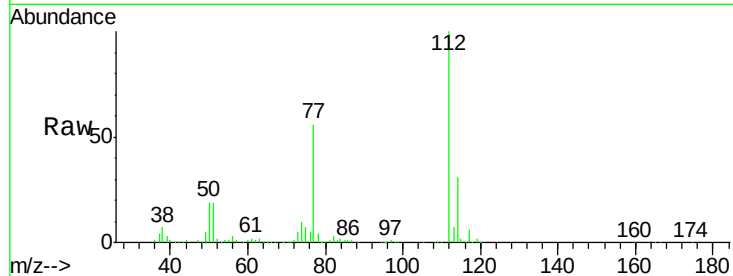
#65
Chlorobenzene
Concen: 53.579 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.6	38.4

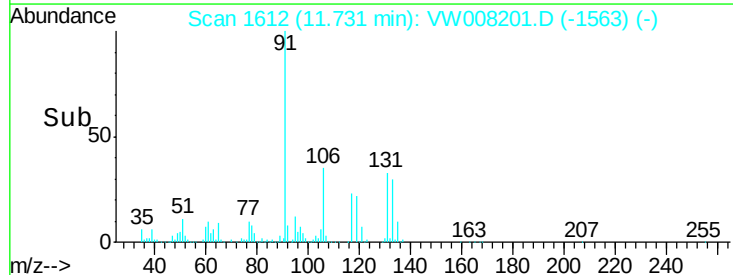
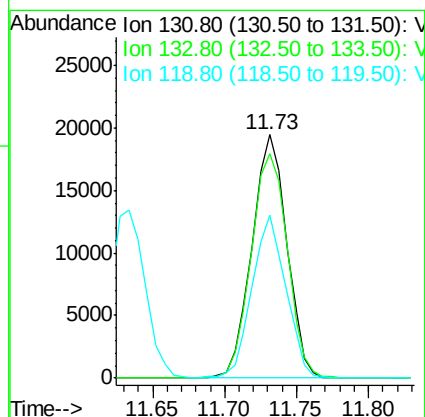
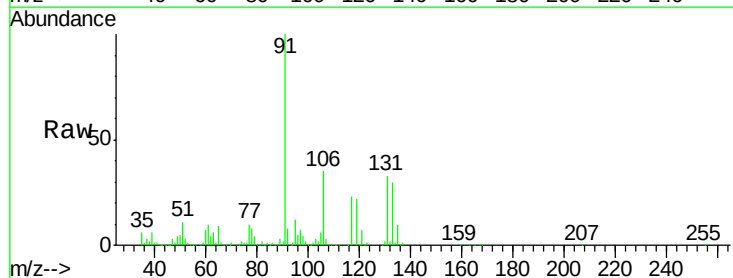
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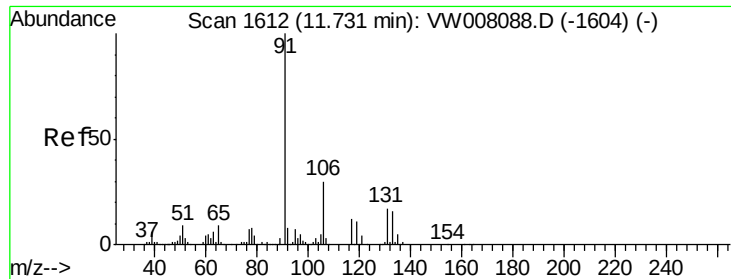
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#66
1,1,1,2-Tetrachloroethane
Concen: 64.393 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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





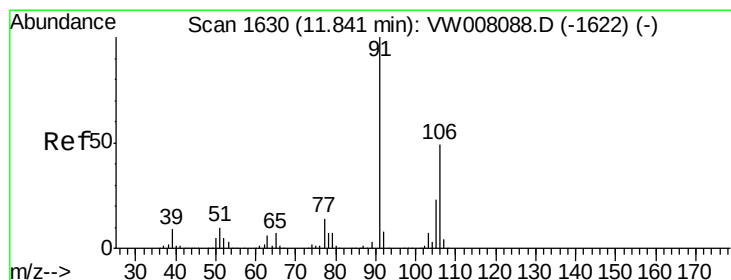
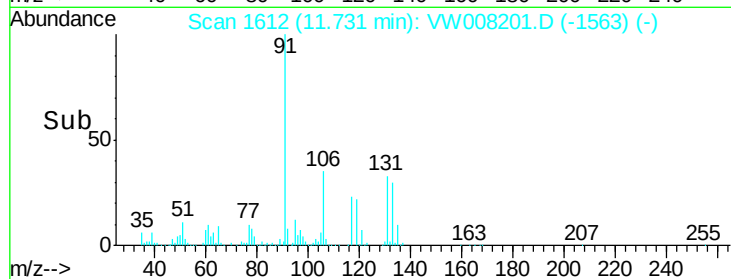
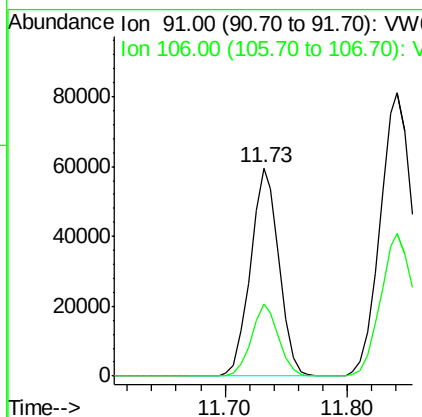
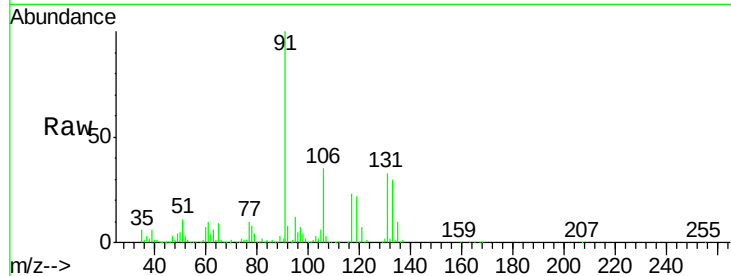
#67
Ethyl Benzene
Concen: 33.966 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion: 91 Resp: 96555
Ion Ratio Lower Upper
91 100
106 34.6 24.2 36.4

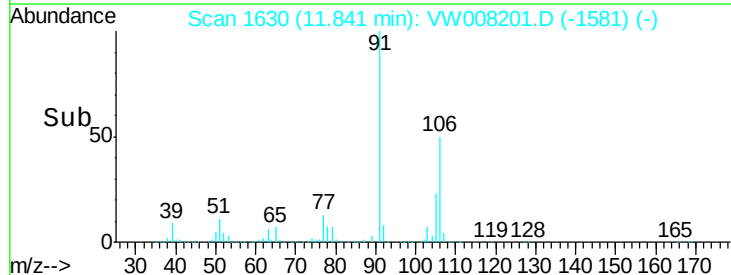
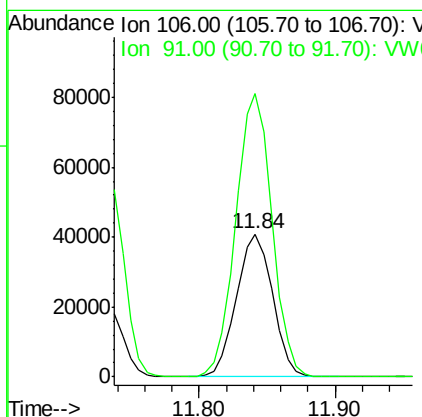
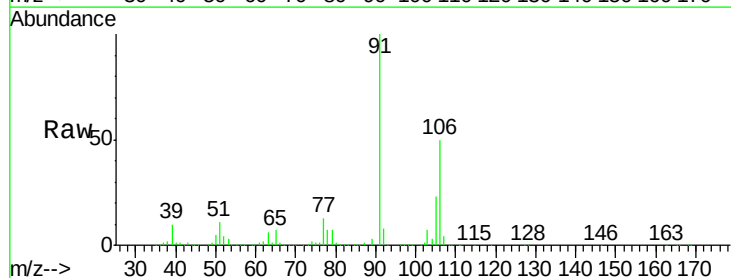
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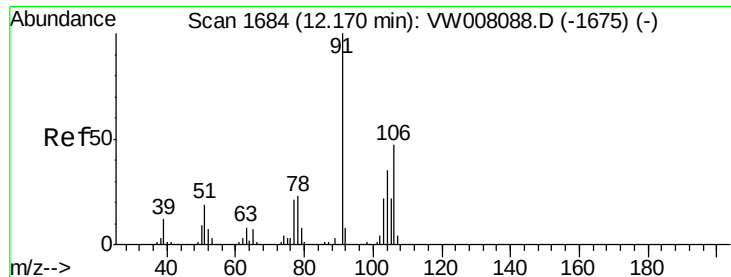
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#68
m/p-Xylenes
Concen: 69.935 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion: 106 Resp: 75881
Ion Ratio Lower Upper
106 100
91 197.1 162.4 243.6





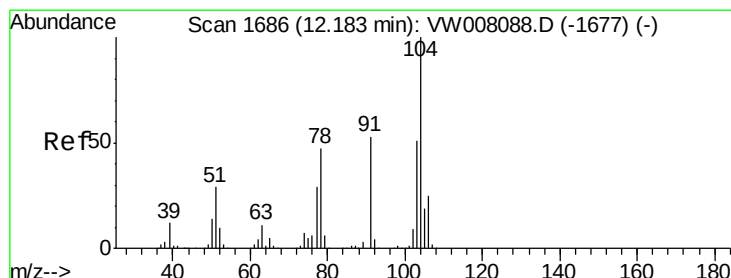
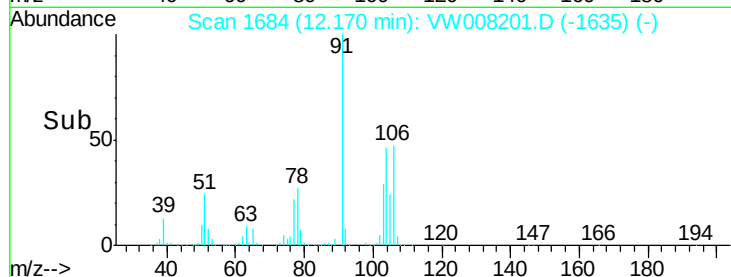
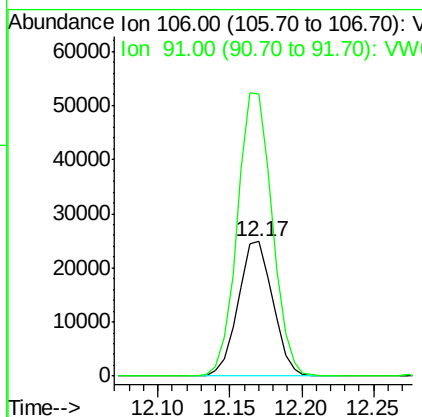
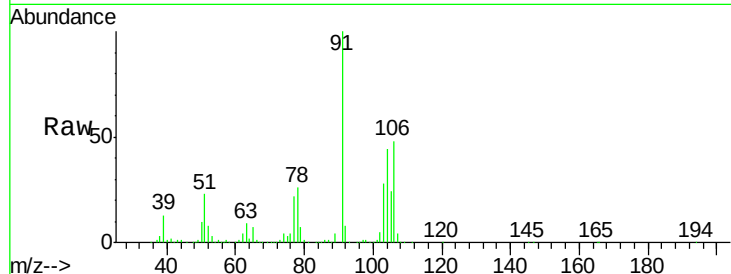
#69
o-Xylene
Concen: 41.296 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.7	107.8	323.6	

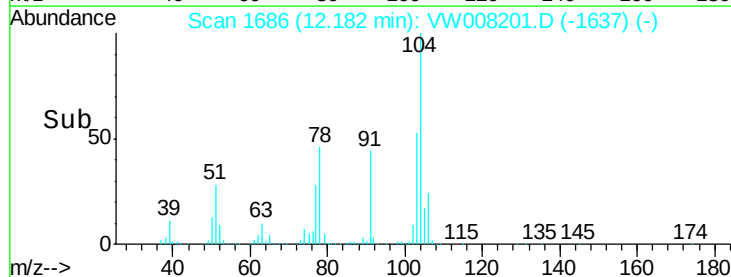
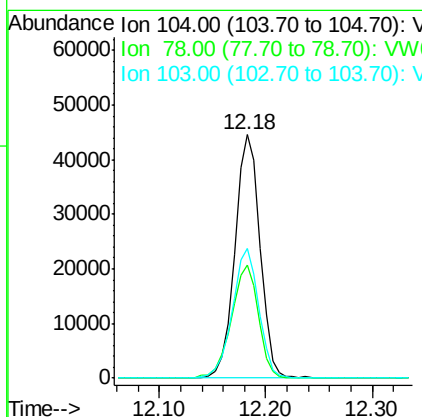
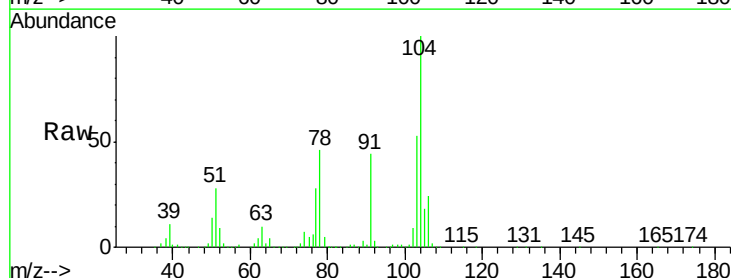
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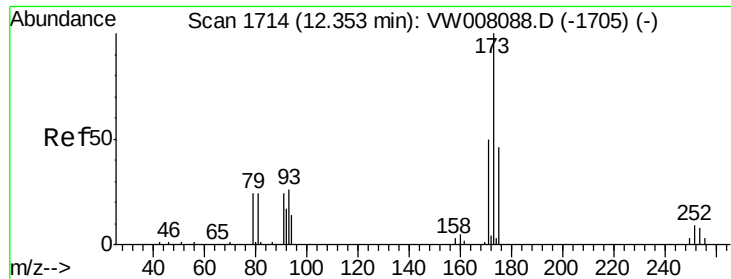
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#70
Styrene
Concen: 46.915 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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





#71

Bromoform

Concen: 92.866 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

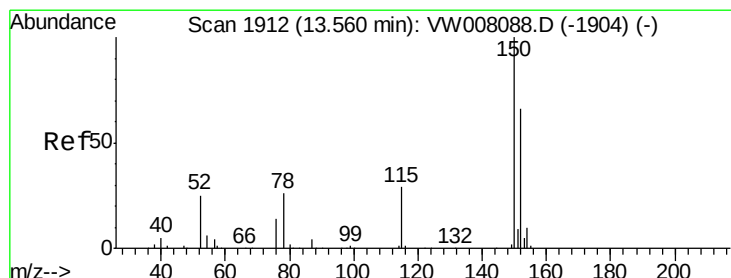
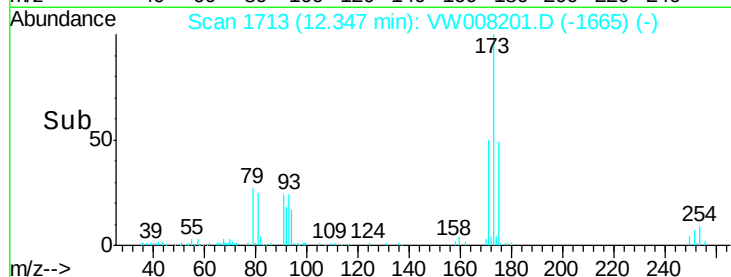
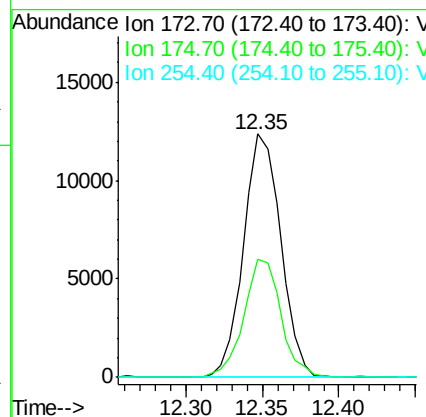
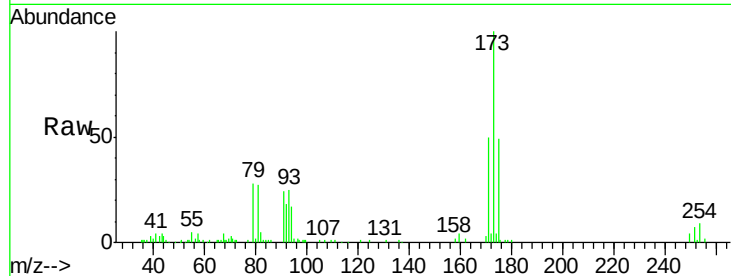
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	173	Resp:	21002
Ion Ratio	Lower	Upper	
173	100		
175	48.3	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

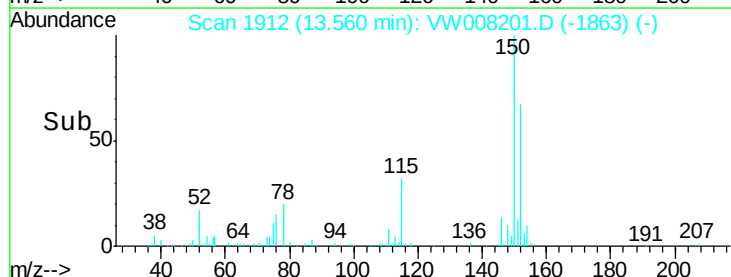
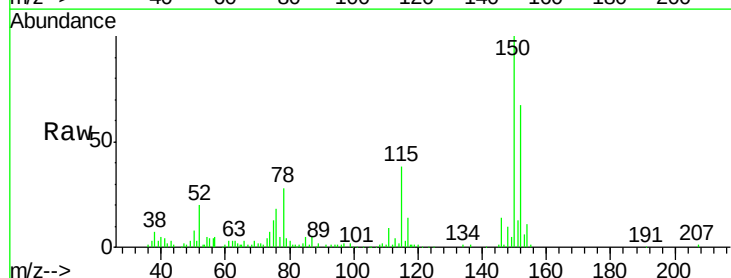
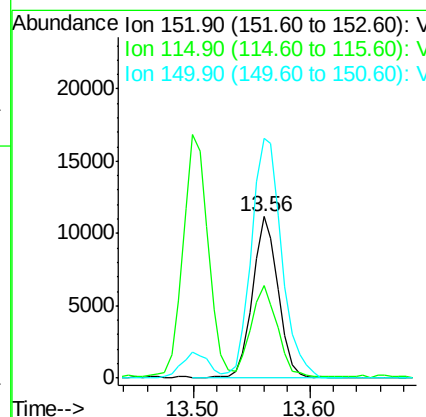
RT: 13.56 min Scan# 1912

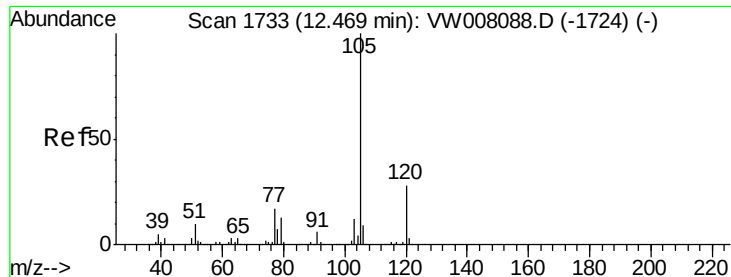
Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

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





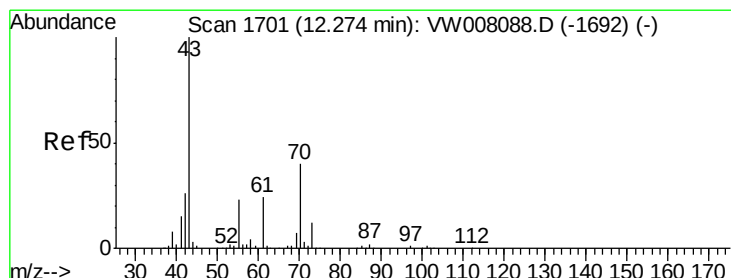
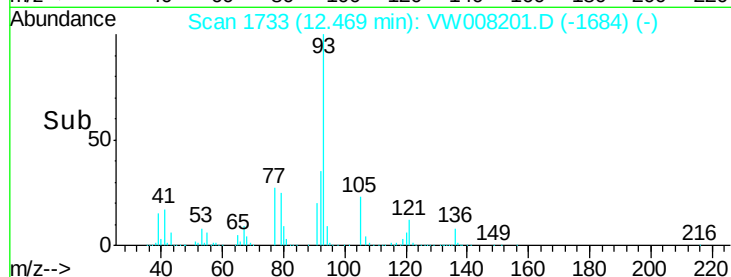
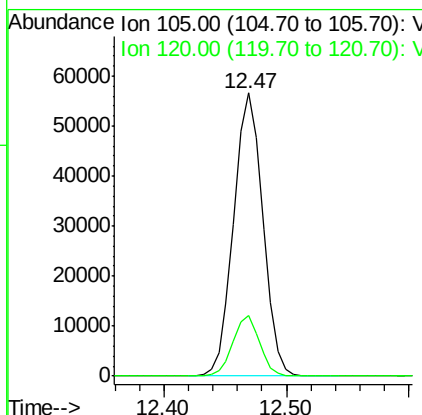
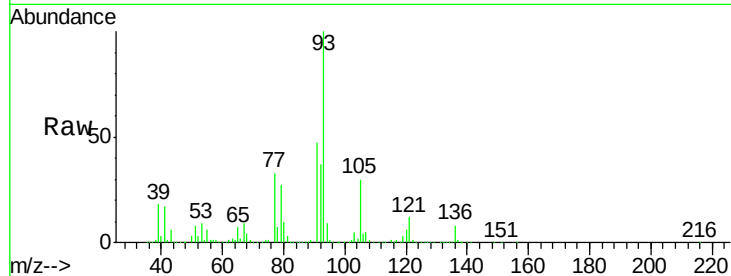
#73
Isopropylbenzene
Concen: 69.700 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	19.5	13.6	40.8

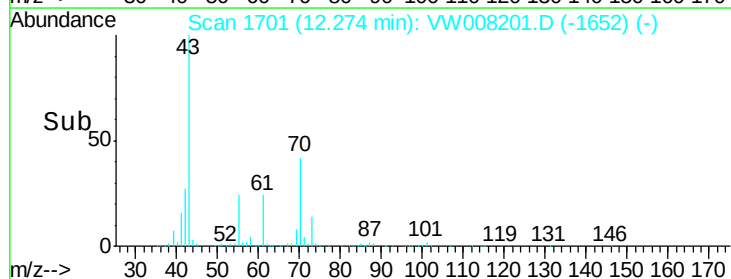
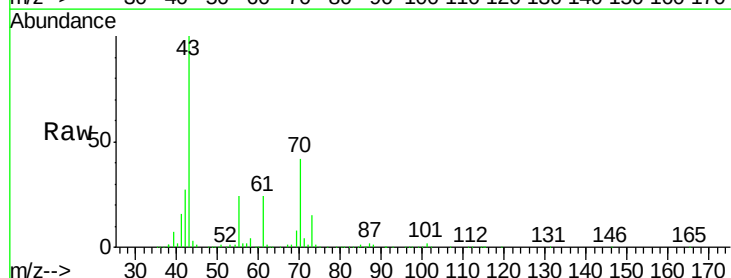
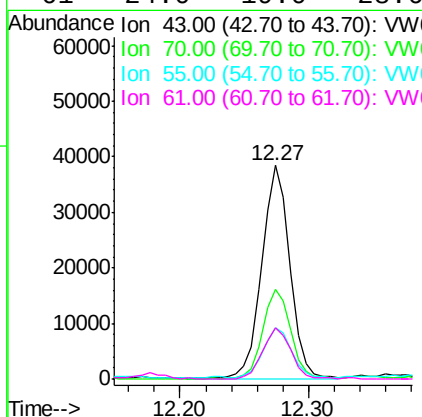
Manual Integrations
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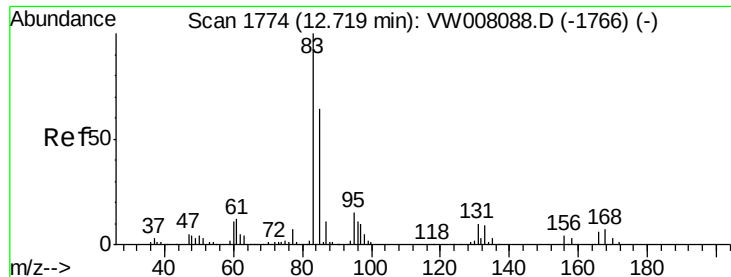
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#74
N-ethyl acetate
Concen: 194.106 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.2	32.4	48.6
55	23.5	18.7	28.1
61	24.0	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 186.525 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

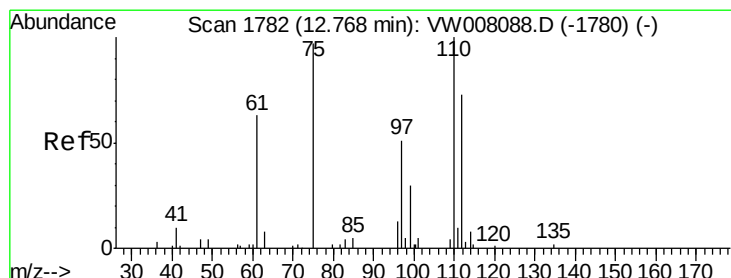
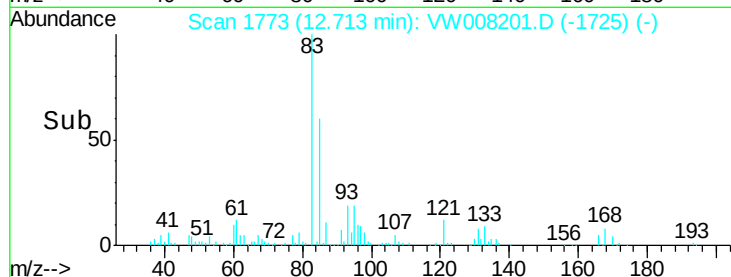
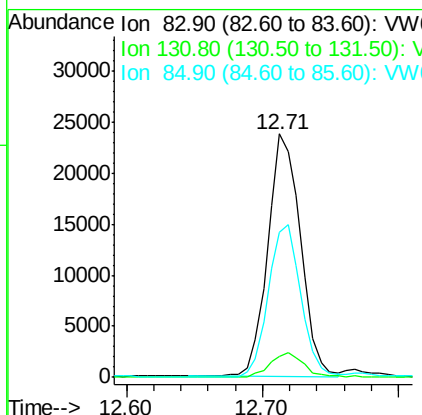
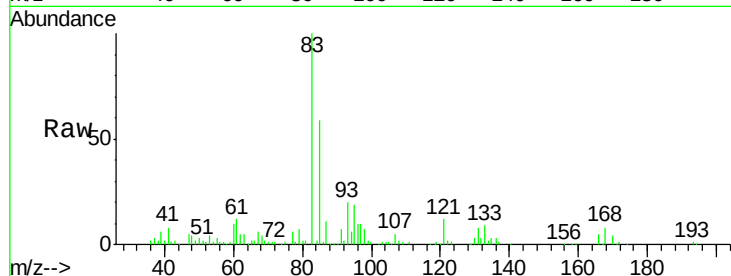
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	83	Resp:	40096
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	62.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 212.614 ug/l m

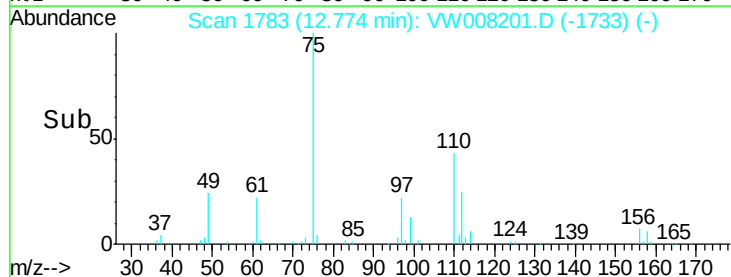
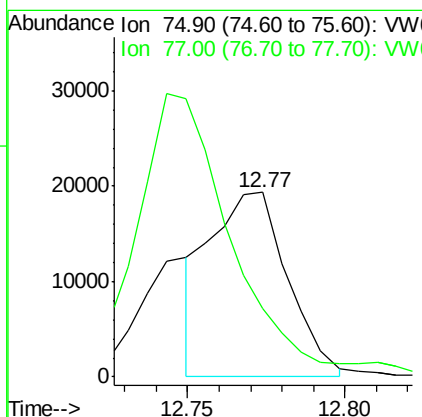
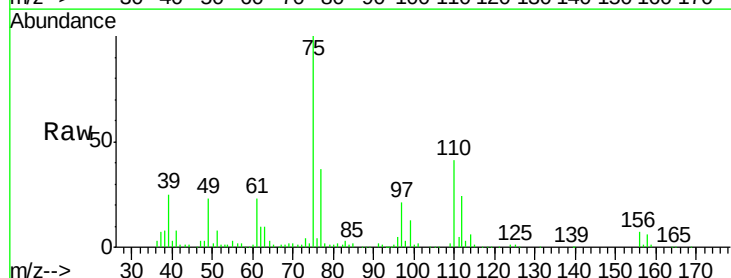
RT: 12.77 min Scan# 1783

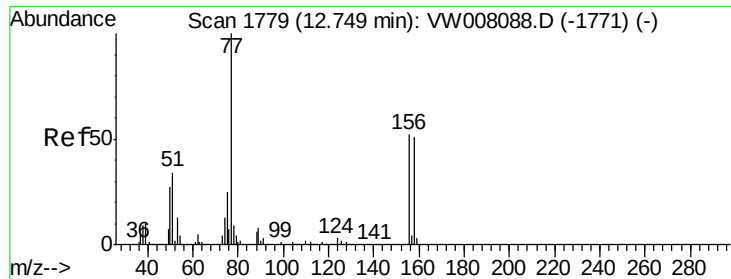
Delta R.T. 0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion:	75	Resp:	33155
Ion Ratio	Lower	Upper	
75	100		
77	0.0	179.4	538.2#





#77

Bromobenzene

Concen: 96.244 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

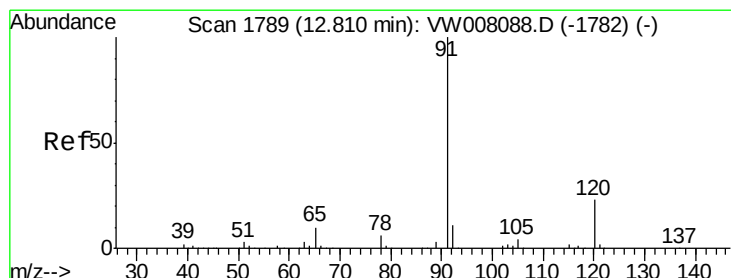
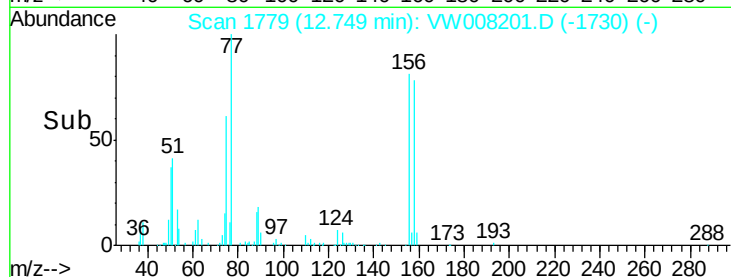
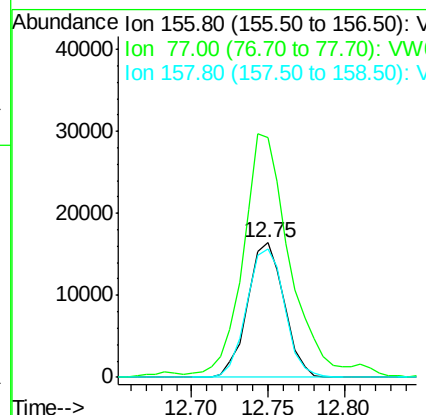
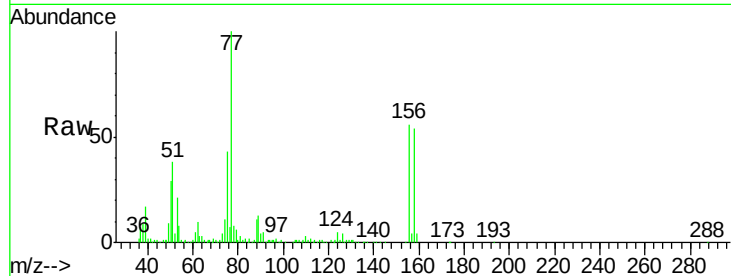
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion	156	Resp	27311
Ion Ratio	100	Lower	Upper
77	230.7	104.2	312.5
158	98.7	47.9	143.6

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#78

n-propylbenzene

Concen: 36.473 ug/l

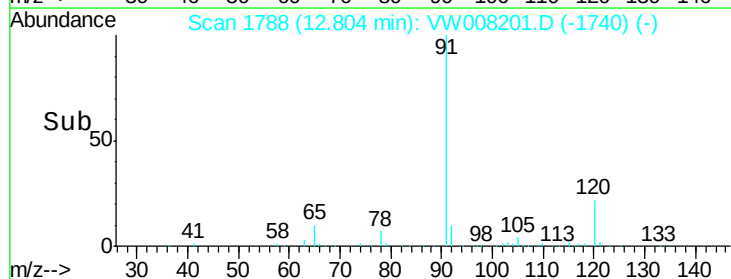
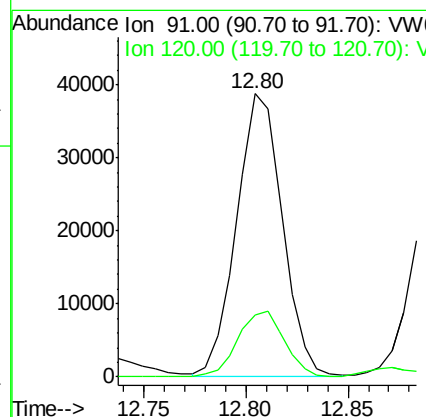
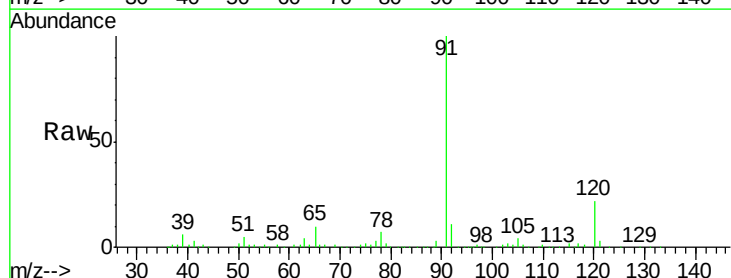
RT: 12.80 min Scan# 1788

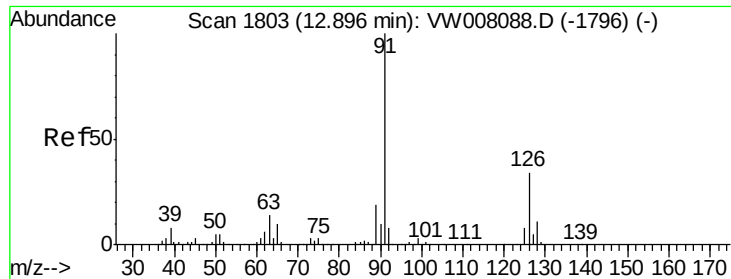
Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion	91	Resp	60017
Ion Ratio	100	Lower	Upper
120	23.9	11.3	33.8





#79

2-Chlorotoluene

Concen: 51.097 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 91 Resp: 46910

Ion Ratio Lower Upper

91 100

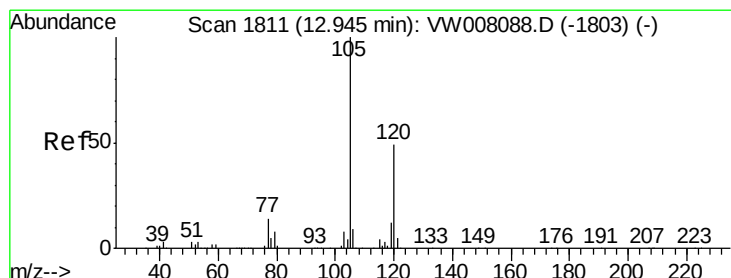
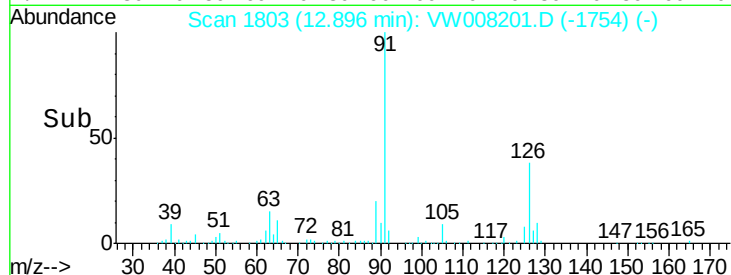
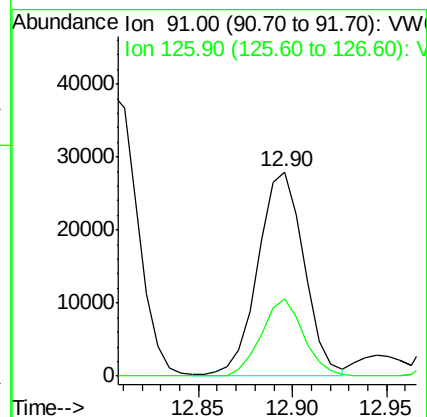
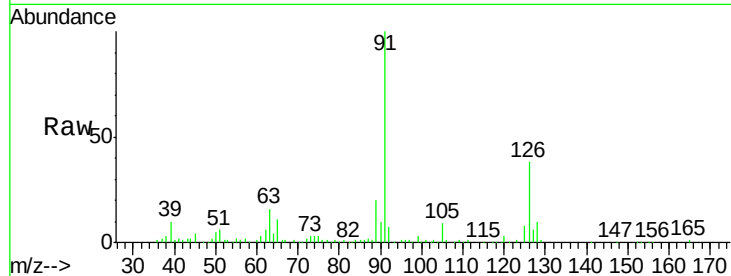
126 35.2 16.8 50.3

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#80

1,3,5-Trimethylbenzene

Concen: 37.647 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008201.D

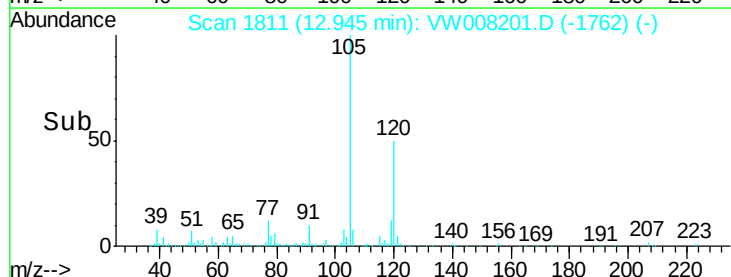
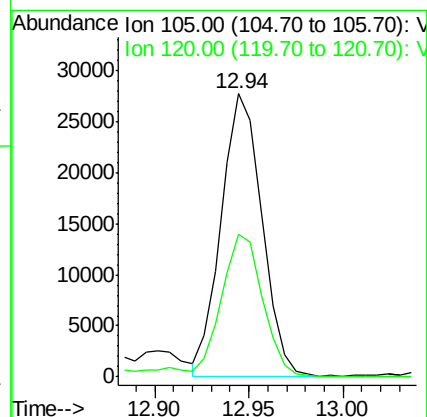
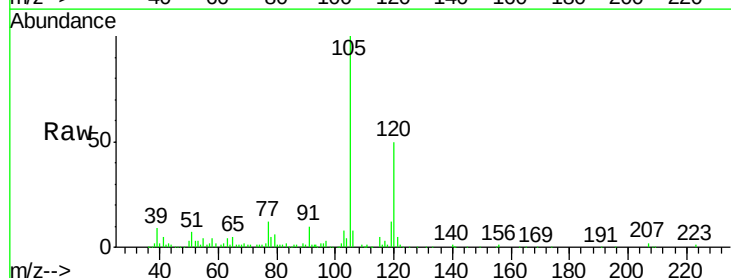
Acq: 11 Jan 2019 18:25

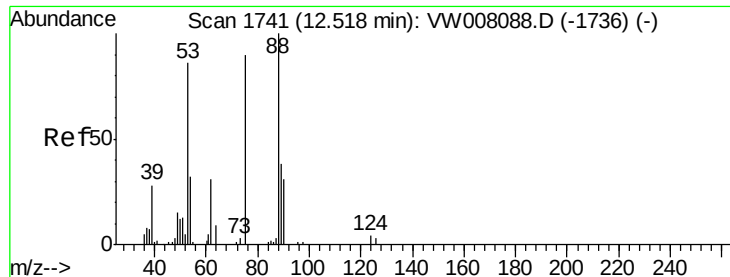
Tgt Ion:105 Resp: 41548

Ion Ratio Lower Upper

105 100

120 54.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 176.930 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 75 Resp: 11848

Ion Ratio Lower Upper

75 100

53 82.4 78.8 118.2

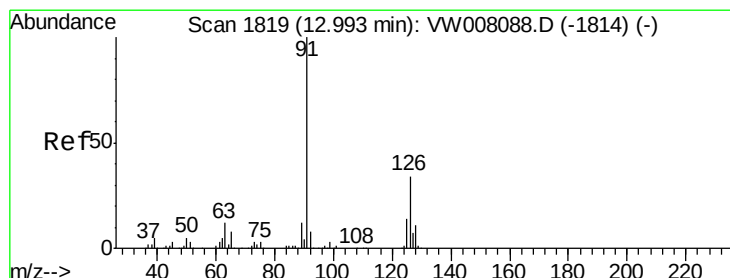
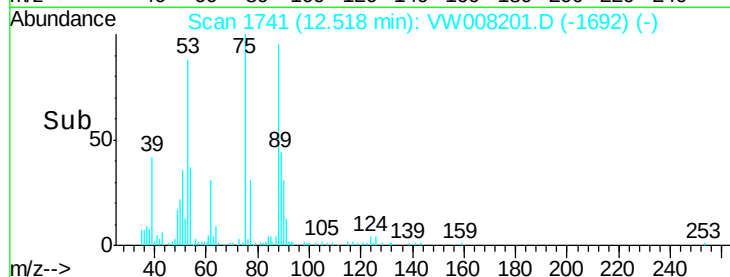
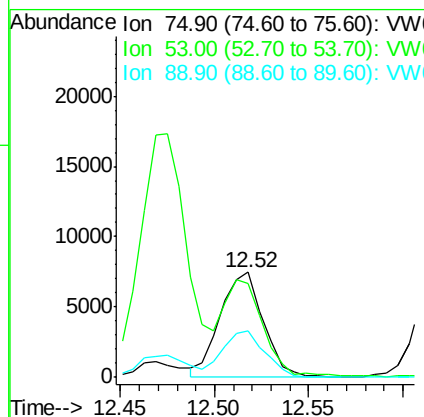
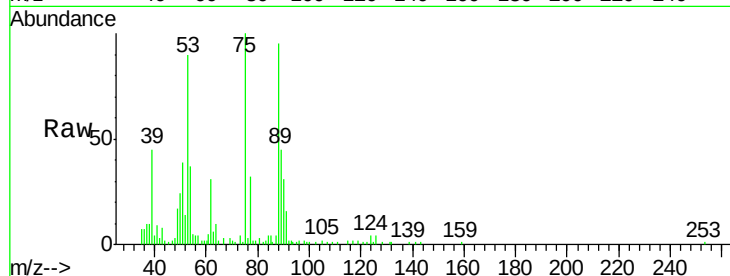
89 43.2 35.4 53.2

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#82

4-Chlorotoluene

Concen: 57.204 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008201.D

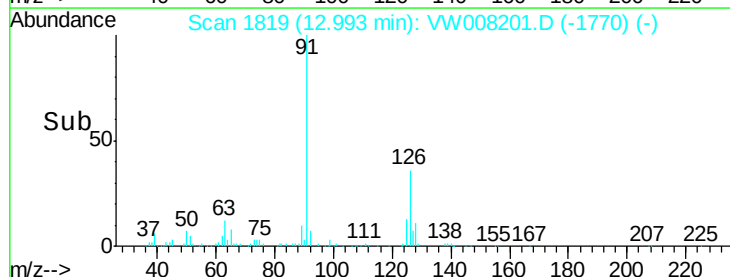
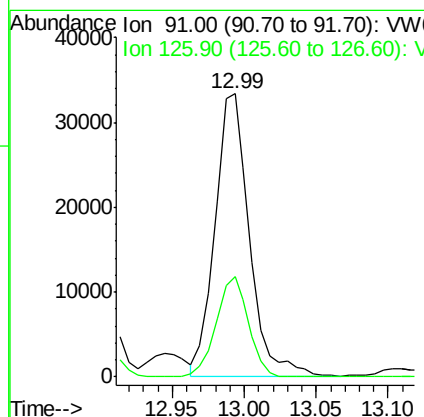
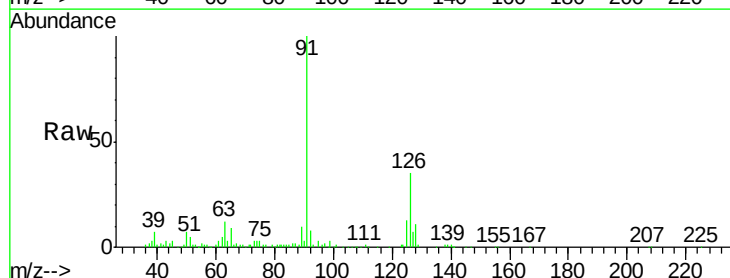
Acq: 11 Jan 2019 18:25

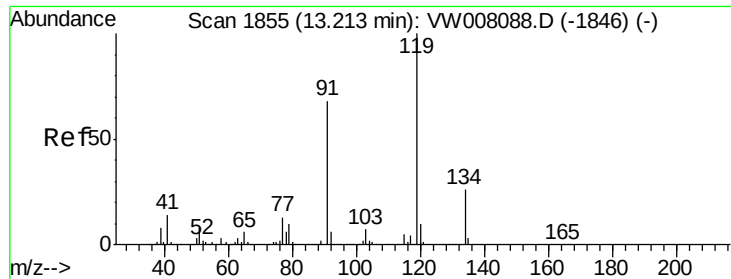
Tgt Ion: 91 Resp: 55310

Ion Ratio Lower Upper

91 100

126 33.5 16.5 49.5





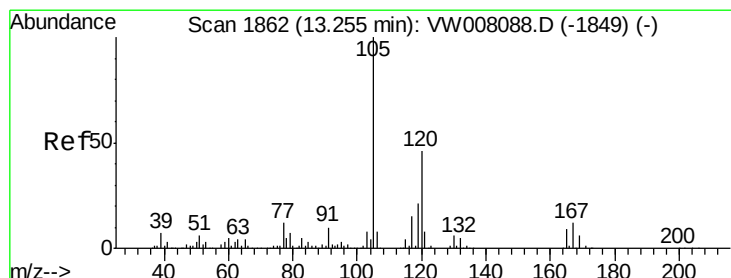
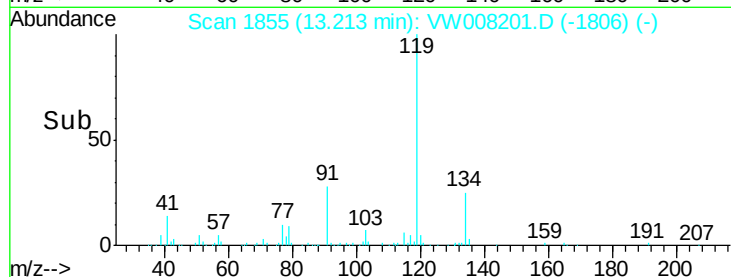
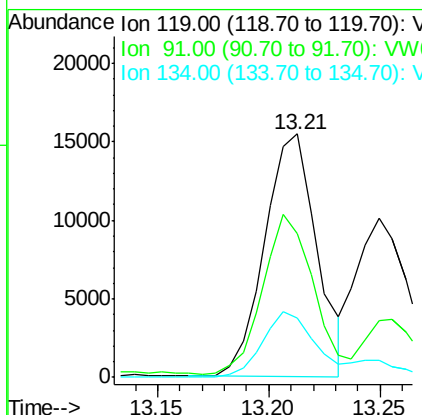
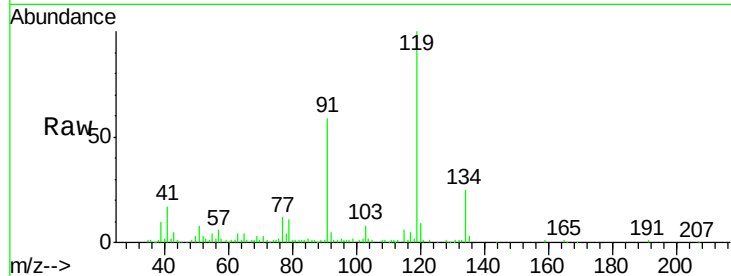
#83
tert-Butylbenzene
Concen: 25.709 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	33.9	101.6
134	27.9	13.6	40.8

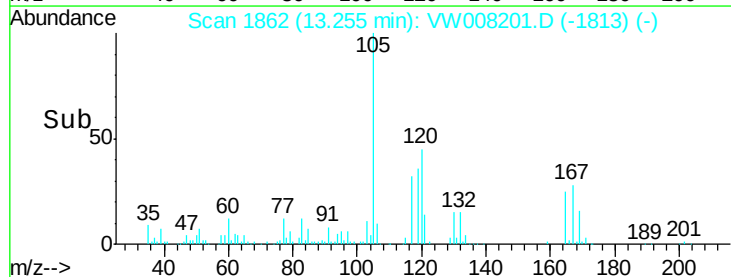
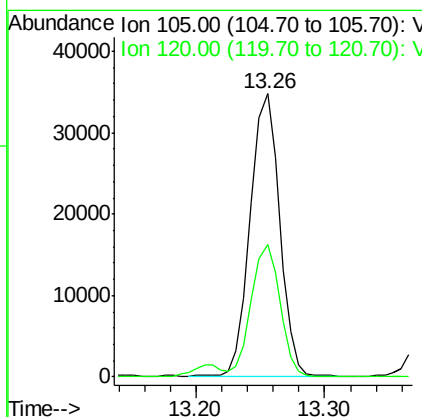
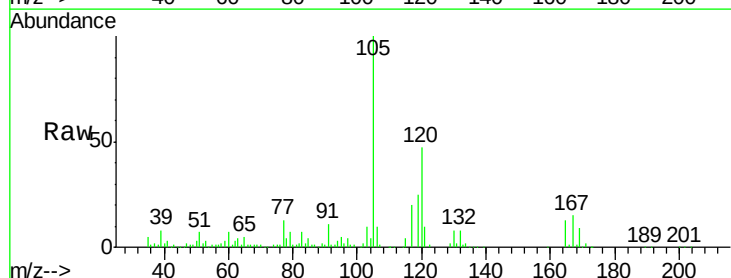
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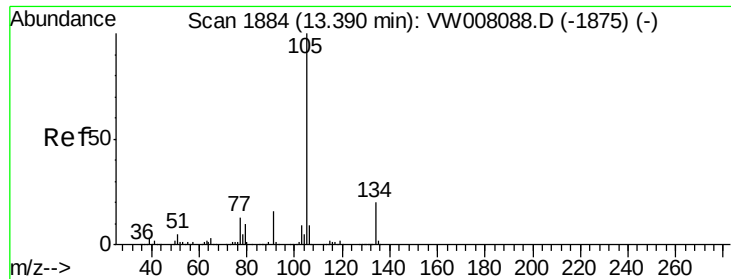
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#84
1,2,4-Trimethylbenzene
Concen: 48.372 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 21.736 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:105 Resp: 31087

Ion Ratio Lower Upper

105 100

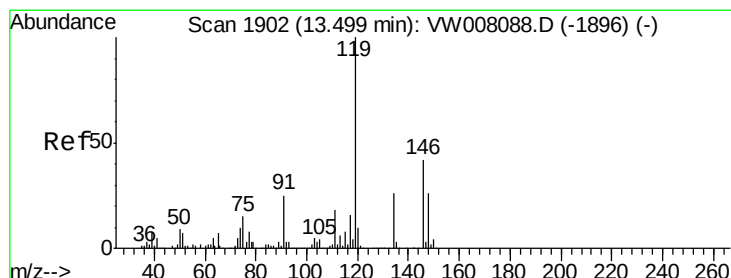
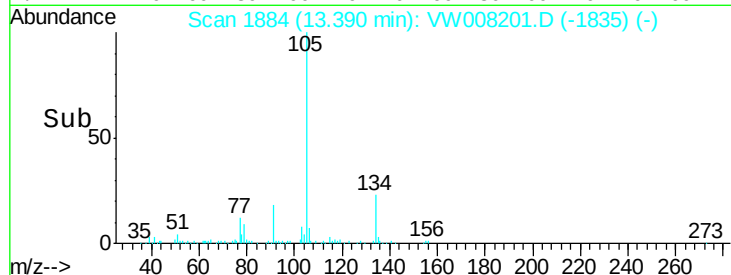
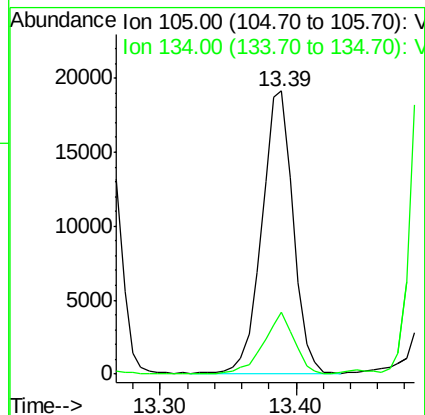
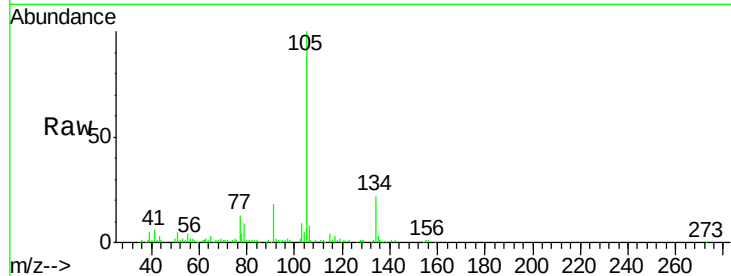
134 21.5 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 253.617 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

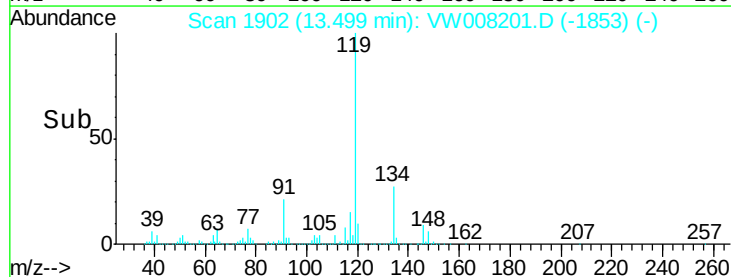
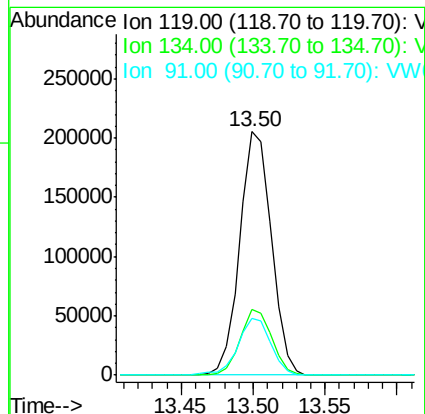
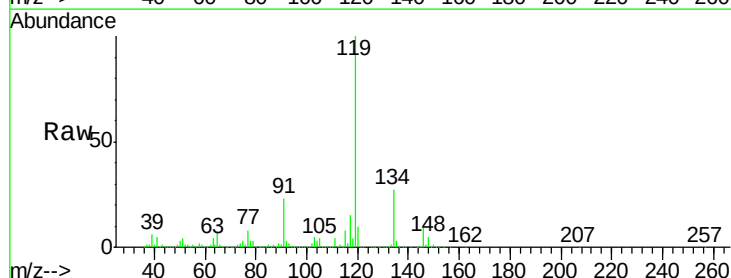
Tgt Ion:119 Resp: 313227

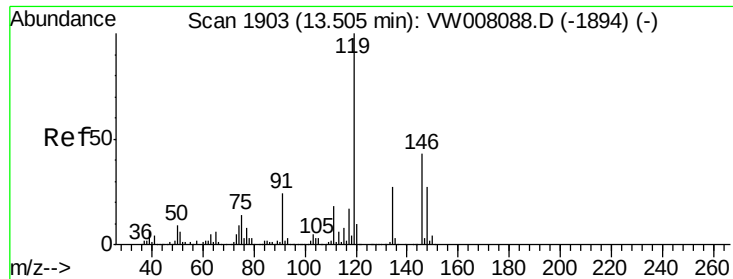
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 24.3 12.3 36.9





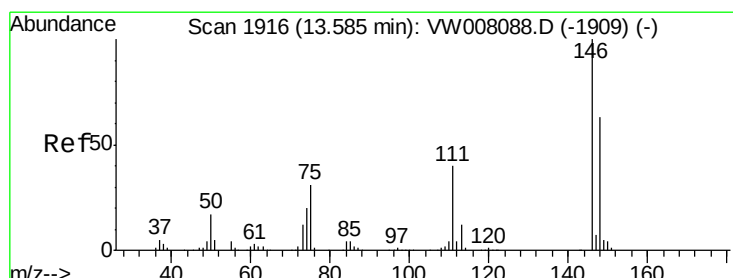
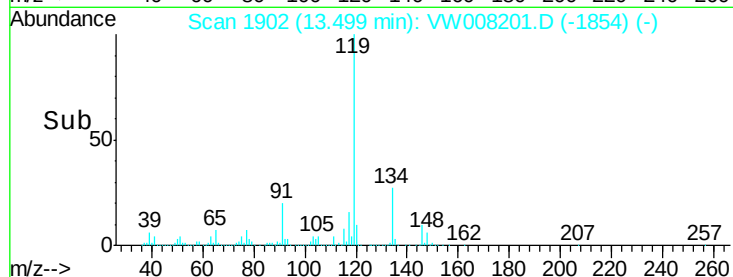
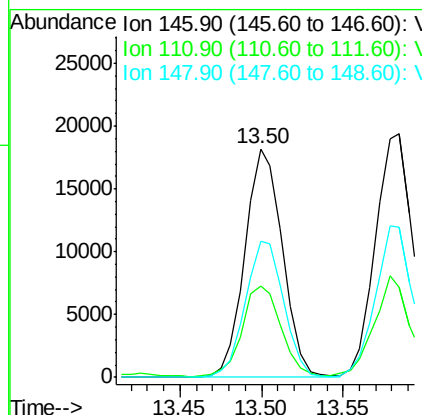
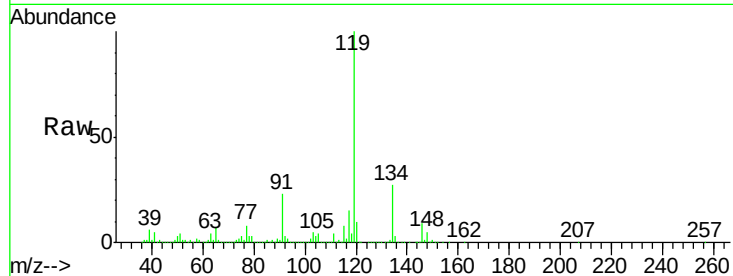
#87
 1,3-Dichlorobenzene
 Concen: 50.640 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.1
148	60.7	31.3	93.9

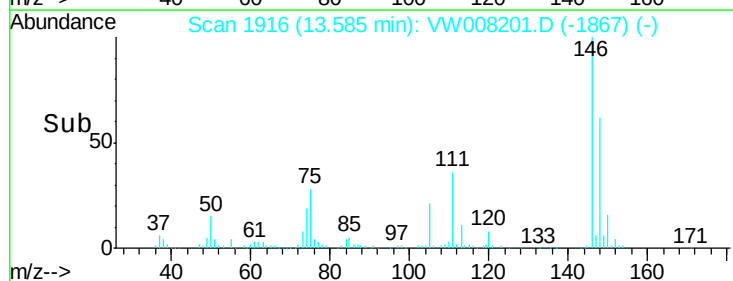
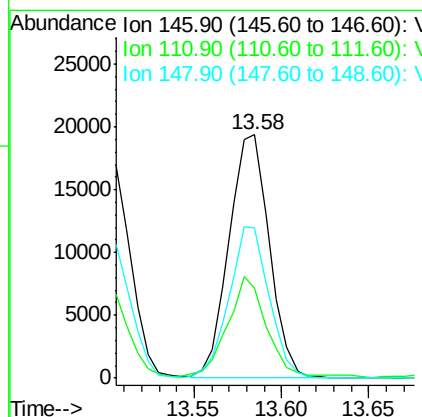
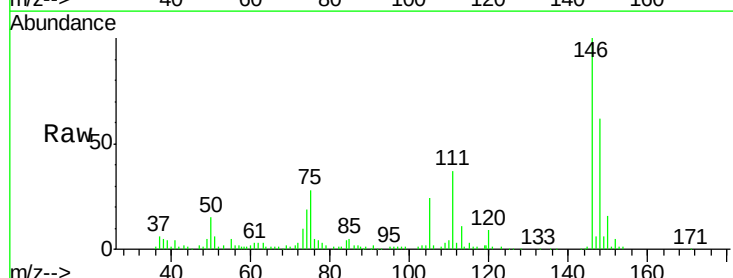
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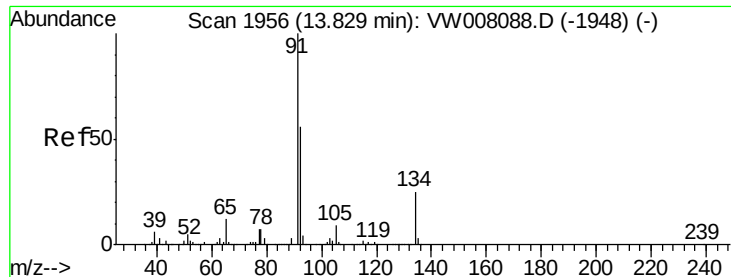
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#88
 1,4-Dichlorobenzene
 Concen: 53.784 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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





#89

n-Butylbenzene

Concen: 17.701 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

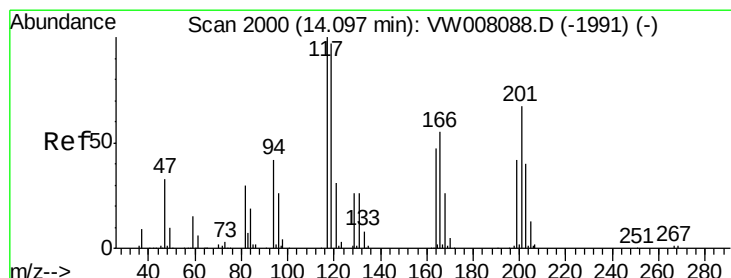
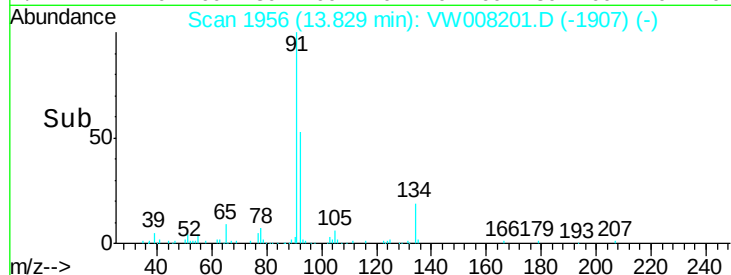
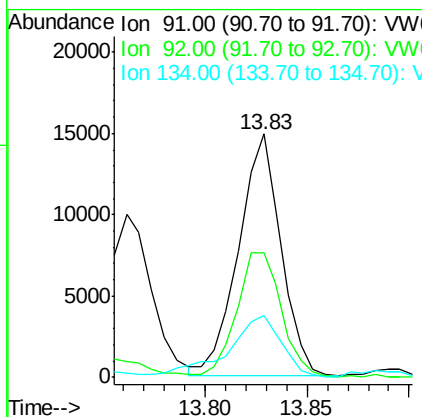
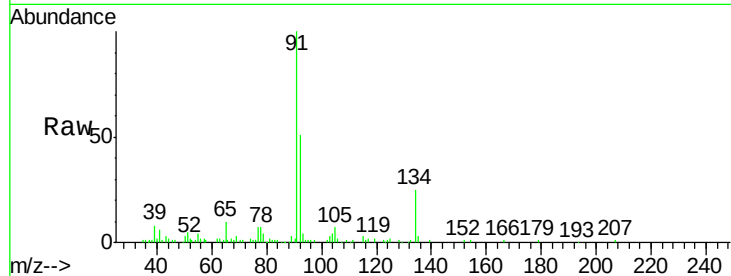
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	91	Resp:	21411
Ion Ratio	Lower	Upper	
91	100		
92	54.9	27.4	82.2
134	33.1	12.6	37.8

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#90

Hexachloroethane

Concen: 26.768 ug/l

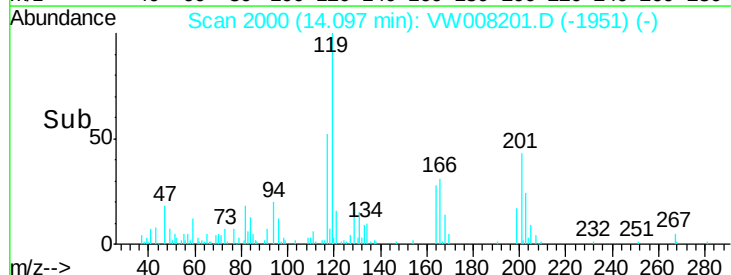
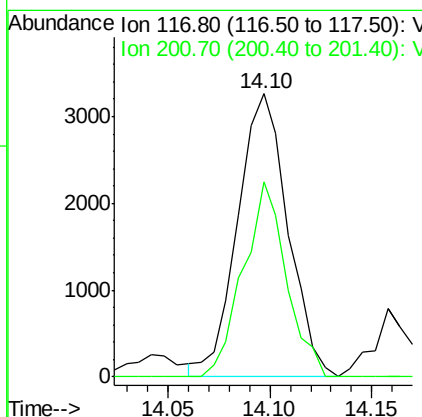
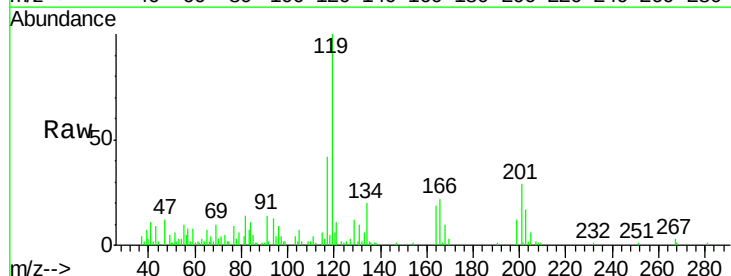
RT: 14.10 min Scan# 2000

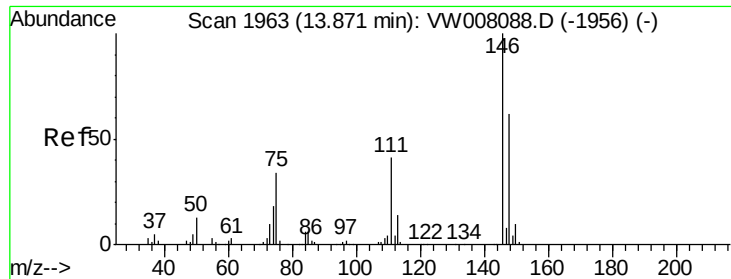
Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion:	117	Resp:	5584
Ion Ratio	Lower	Upper	
117	100		
201	59.1	33.0	98.9





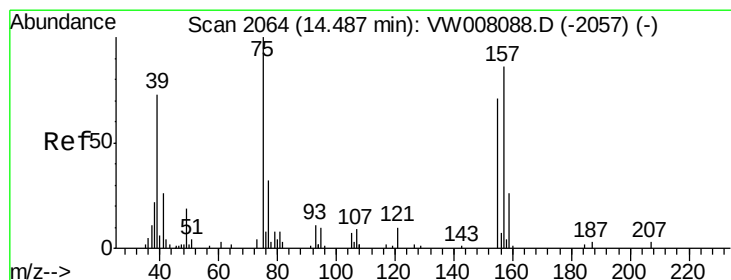
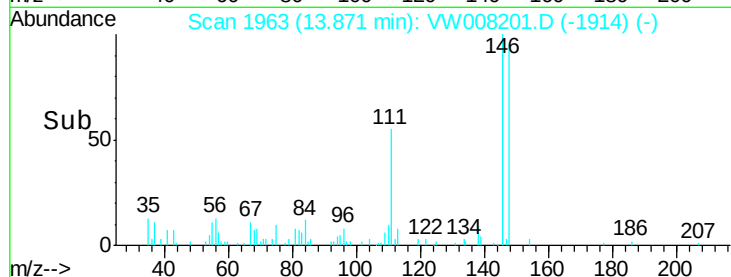
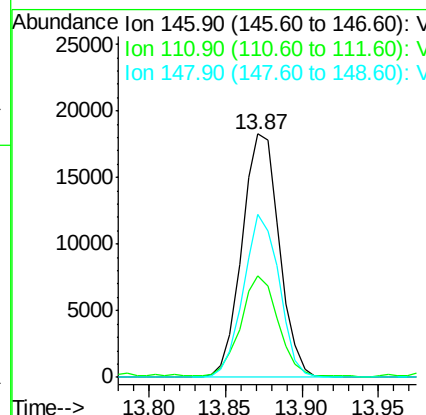
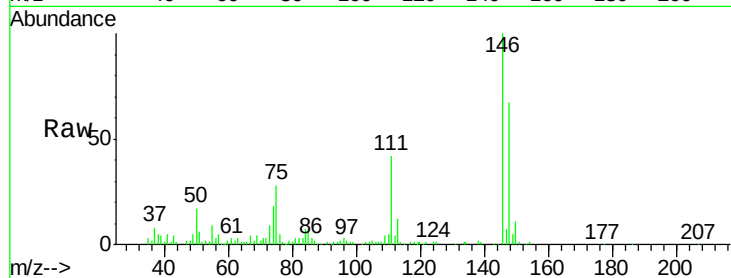
#91
 1,2-Dichlorobenzene
 Concen: 61.199 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.7
148	64.0	31.5	94.5

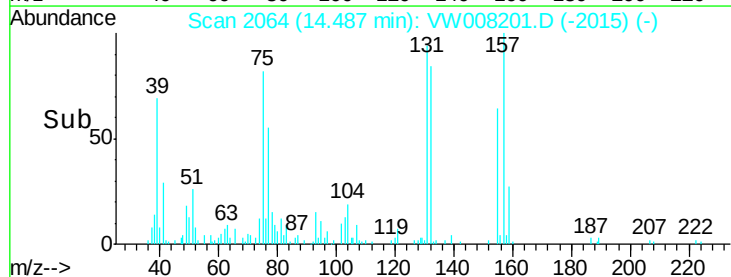
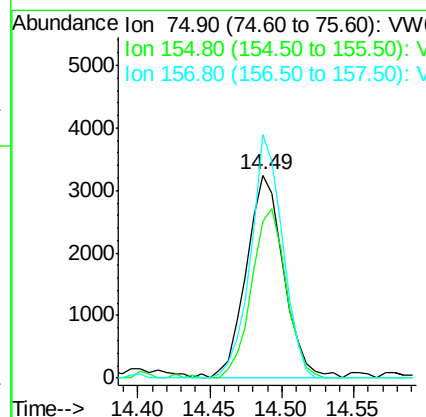
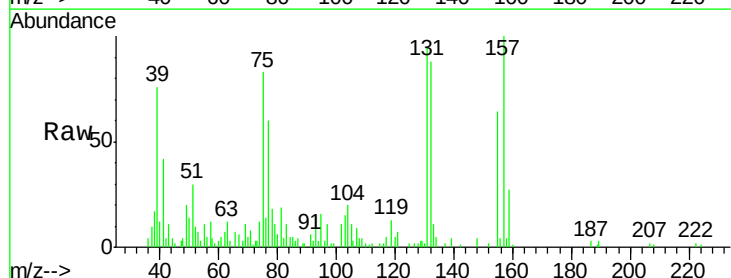
Manual Integrations
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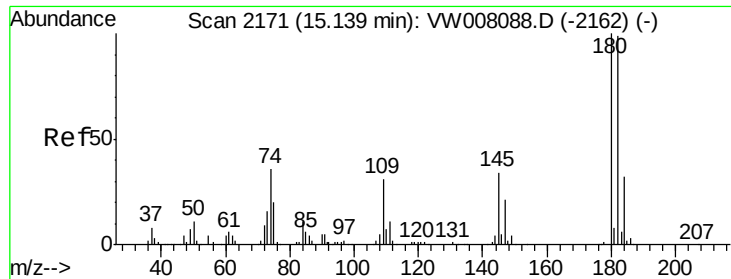
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 168.119 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008201.D
 Acq: 11 Jan 2019 18:25

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





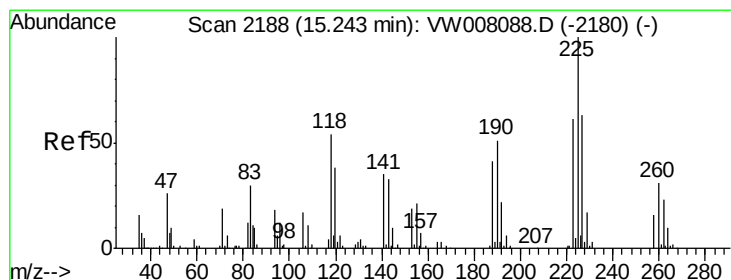
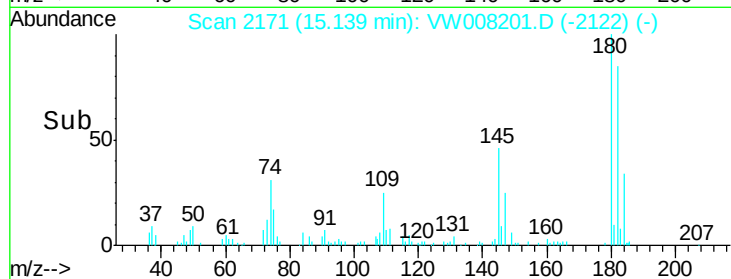
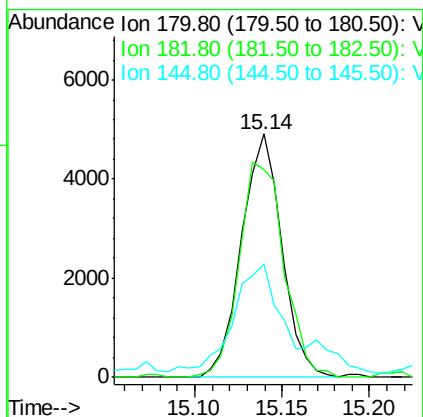
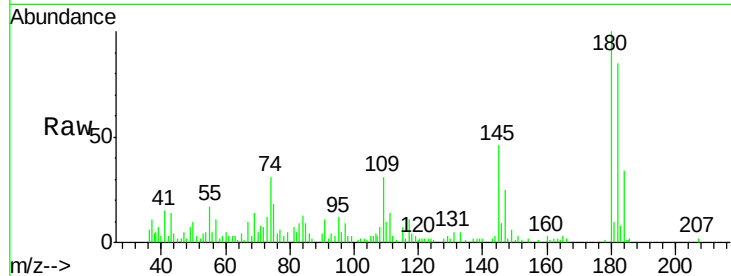
#93
1,2,4-Trichlorobenzene
Concen: 23.470 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW008201.D
Acq: 11 Jan 2019 18:25

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	48.6	145.9
145	51.6	16.6	49.7#

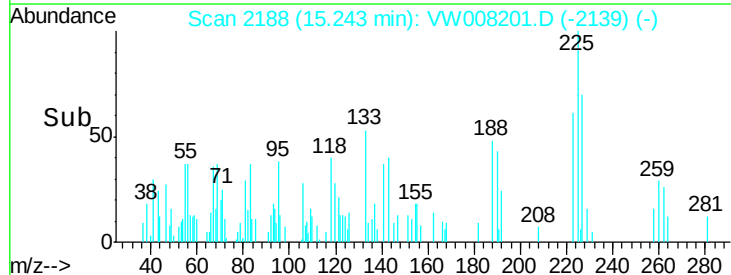
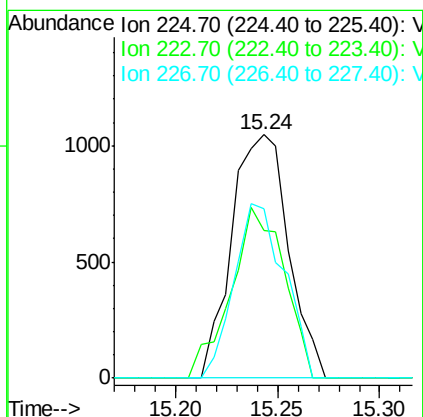
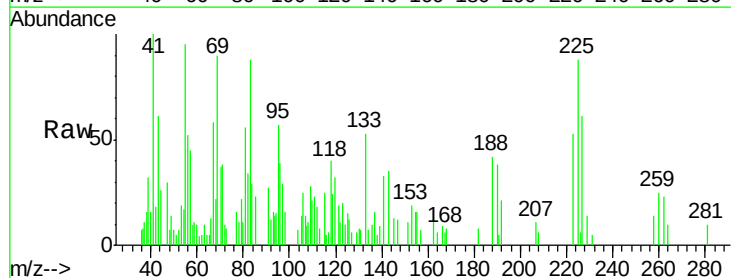
Manual Integrations
APPROVED

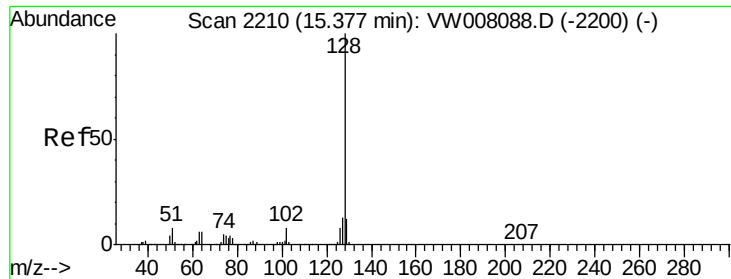
apatel
1/14/2019 2:42:00 PM



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

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





#95

Naphthalene

Concen: 73.270 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Instrument :

MSVOA_W

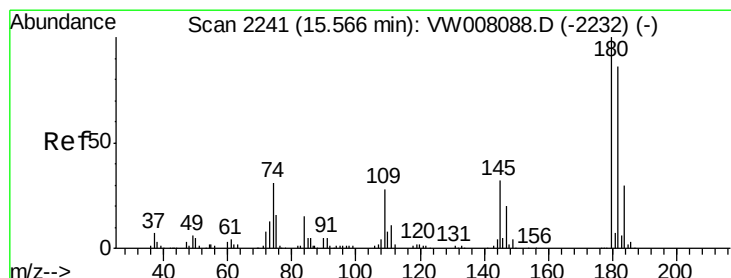
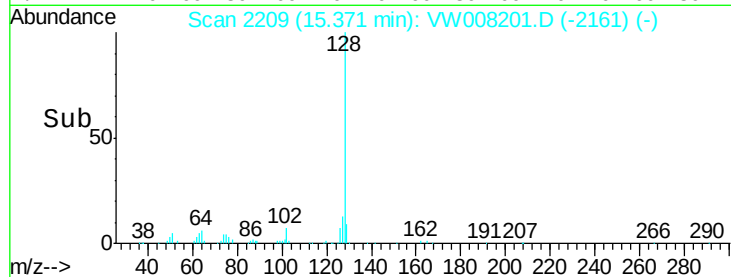
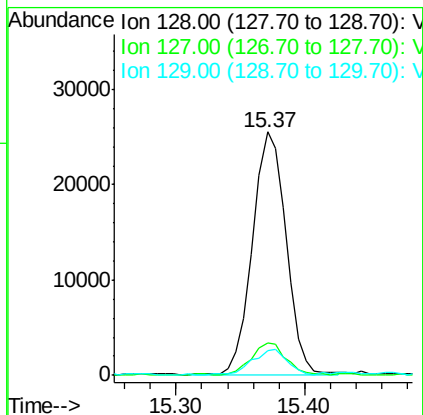
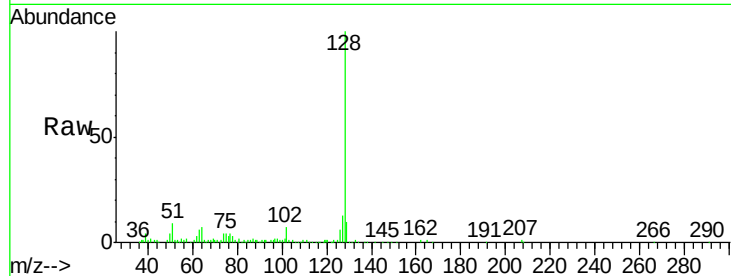
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:128	Resp:	45951
Ion Ratio	Lower	Upper
128 100		
127 13.5	11.0	16.4
129 11.3	9.0	13.6

Manual Integrations
APPROVED

apatel
1/14/2019 2:42:00 PM



#96

1,2,3-Trichlorobenzene

Concen: 26.051 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW008201.D

Acq: 11 Jan 2019 18:25

Tgt Ion:180	Resp:	7459
Ion Ratio	Lower	Upper
180 100		
182 99.5	46.5	139.3
145 59.7	17.4	52.2#

