

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008162.D
 Acq On : 10 Jan 2019 21:13
 Operator : SY/AP
 Sample : K1088-09MSD
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 2:27:50 PM

Quant Time: Jan 11 06:51:48 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	52160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	98066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	80750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40173	68.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.06%	
35) Dibromofluoromethane	7.88	113	36126	63.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.32%	
50) Toluene-d8	10.32	98	122521	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.62	95	38053	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	19053	44.758	ug/l	99
3) Chloromethane	2.21	50	27216	49.280	ug/l	98
4) Vinyl Chloride	2.36	62	35320	49.001	ug/l	100
5) Bromomethane	2.78	94	24836	45.996	ug/l	96
6) Chloroethane	2.93	64	23767	43.819	ug/l	97
7) Trichlorofluoromethane	3.26	101	28382	48.434	ug/l	89
8) Diethyl Ether	3.68	74	21931	66.202	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22630	38.896	ug/l	96
10) Methyl Iodide	4.26	142	45302	53.426	ug/l	99
11) Tert butyl alcohol	5.18	59	13818	401.156	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	28120	49.229	ug/l	90
13) Acrolein	3.89	56	11084	284.200	ug/l	97
14) Allyl chloride	4.67	41	51580	49.735	ug/l	97
15) Acrylonitrile	5.37	53	45464	360.475	ug/l	99
16) Acetone	4.12	43	45983	453.599	ug/l	95
17) Carbon Disulfide	4.37	76	81315	45.570	ug/l	100
18) Methyl Acetate	4.67	43	33083	89.289	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	69221	74.541	ug/l	95
20) Methylene Chloride	4.91	84	40972	73.219	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	32692	52.666	ug/l	96
22) Diisopropyl ether	6.31	45	131001	66.232	ug/l	98
23) Vinyl Acetate	6.25	43	302934	291.621	ug/l	99
24) 1,1-Dichloroethane	6.22	63	65613	56.934	ug/l	99
25) 2-Butanone	7.17	43	59791	366.571	ug/l	100
26) 2,2-Dichloropropane	7.17	77	39955	51.168	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	39300	58.028	ug/l	95
28) Bromochloromethane	7.51	49	28331	62.152	ug/l	100
29) Tetrahydrofuran	7.52	42	39903	366.236	ug/l	97
30) Chloroform	7.67	83	65576	59.780	ug/l	100
31) Cyclohexane	7.95	56	28579	23.165	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	46886	49.122	ug/l	99
36) 1,1-Dichloropropene	8.08	75	41053	40.639	ug/l	100
37) Ethyl Acetate	7.25	43	25949	64.118	ug/l	98
38) Carbon Tetrachloride	8.07	117	36646	39.635	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	18740	14.631	ug/l	96
40) Benzene	8.32	78	140735	51.365	ug/l	97
41) Methacrylonitrile	7.48	41	13275	51.926	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	44787	58.119	ug/l	96
43) Isopropyl Acetate	8.42	43	53220	65.771	ug/l	97
44) Trichloroethene	9.09	130	32632	46.526	ug/l	96
45) 1,2-Dichloropropane	9.37	63	37316	54.927	ug/l	97
46) Dibromomethane	9.46	93	19871	59.557	ug/l	95
47) Bromodichloromethane	9.65	83	47028	55.511	ug/l	98
48) Methyl methacrylate	9.43	41	25333	66.349	ug/l	95
49) 1,4-Dioxane	9.45	88	6605	1230.985	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	131209	334.989	ug/l	98
52) Toluene	10.39	92	78347	44.775	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	47611	54.028	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	53995	51.671	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28540	60.926	ug/l	96
56) Ethyl methacrylate	10.65	69	39143	67.474	ug/l	95
57) 1,3-Dichloropropane	10.93	76	50819	59.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	95753	319.539	ug/l	99
59) 2-Hexanone	10.97	43	92946	350.907	ug/l	98
60) Dibromochloromethane	11.13	129	30364	59.029	ug/l	100
61) 1,2-Dibromoethane	11.24	107	27021	60.792	ug/l	99
64) Tetrachloroethene	10.87	164	22277	42.391	ug/l	96
65) Chlorobenzene	11.66	112	83408	48.755	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	30387	54.611	ug/l	98
67) Ethyl Benzene	11.73	91	120224	38.408	ug/l	99
68) m/p-Xylenes	11.84	106	91974	76.981	ug/l	97
69) o-Xylene	12.17	106	48465	43.804	ug/l	96
70) Styrene	12.18	104	81042	46.765	ug/l	98
71) Bromoform	12.35	173	15616	62.708	ug/l #	96
73) Isopropylbenzene	12.47	105	104894	49.371	ug/l	93
74) N-amyl acetate	12.27	43	43705	92.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	32228	94.767	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	22538m	91.358	ug/l	
77) Bromobenzene	12.75	156	29667	66.084	ug/l	99
78) n-propylbenzene	12.81	91	90219	34.656	ug/l	98
79) 2-Chlorotoluene	12.90	91	65809	45.311	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	65240	37.367	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8492	80.159	ug/l	97
82) 4-Chlorotoluene	12.99	91	72180	47.187	ug/l	99
83) tert-Butylbenzene	13.21	119	41817	27.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	75295	41.814	ug/l	98
85) sec-Butylbenzene	13.39	105	51295	22.671	ug/l	99
86) p-Isopropyltoluene	13.50	119	193716	99.145	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	41435	45.500	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	43032	47.098	ug/l	98
89) n-Butylbenzene	13.83	91	34337	17.943	ug/l	97
90) Hexachloroethane	14.10	117	8686	26.320	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	41201	51.480	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4973	90.866	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	12587	23.688	ug/l	92
94) Hexachlorobutadiene	15.24	225	2324	8.172	ug/l	91
95) Naphthalene	15.37	128	54553	54.984	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	11751	25.942	ug/l	94

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

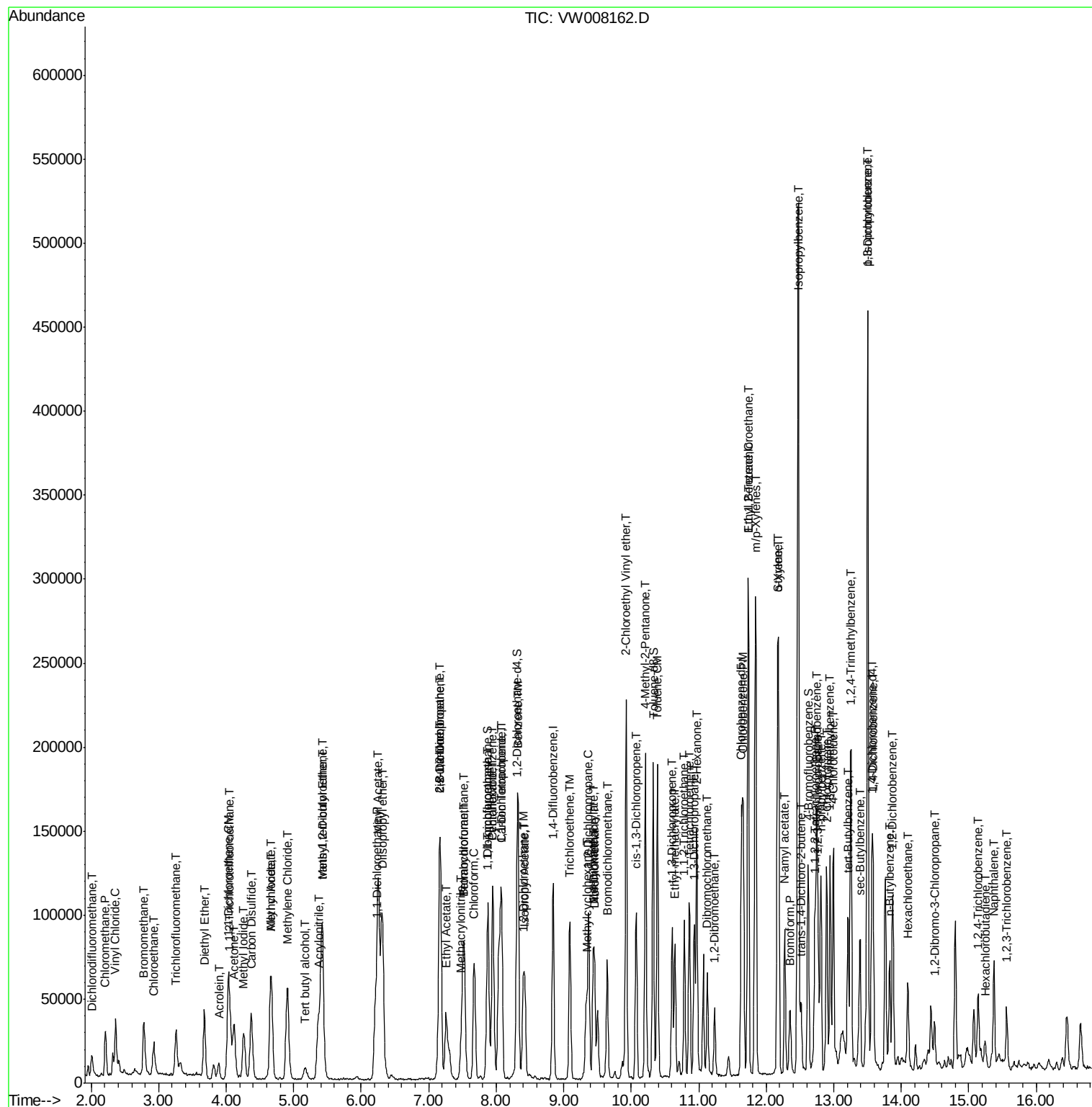
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
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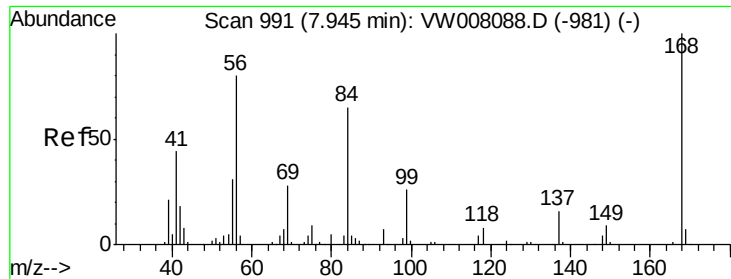
Instrument :
MSVOA_W
ClientSampleId :
CPSB-07(15-20)MSD

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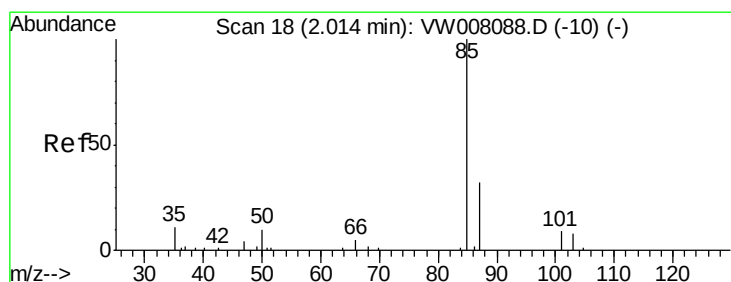
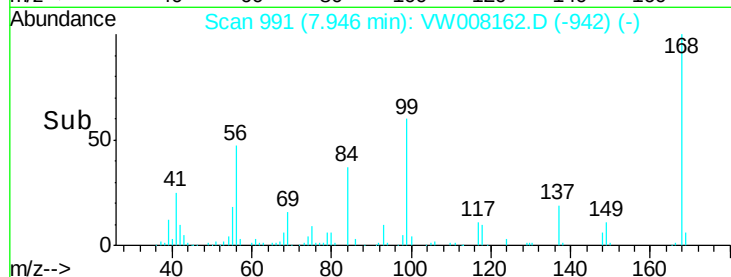
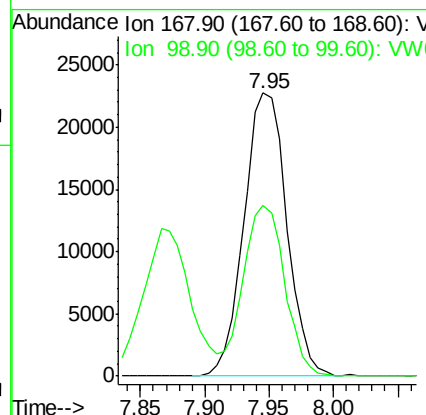
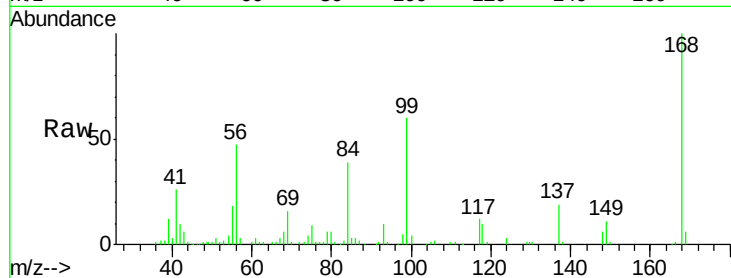
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion:168 Resp: 52160
Ion Ratio Lower Upper
168 100
99 59.9 52.6 78.8

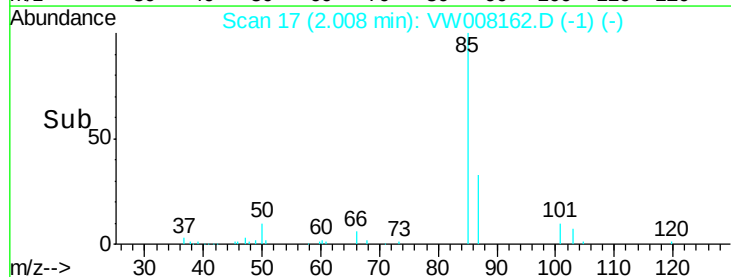
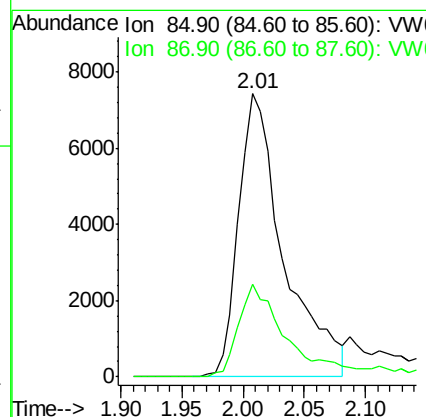
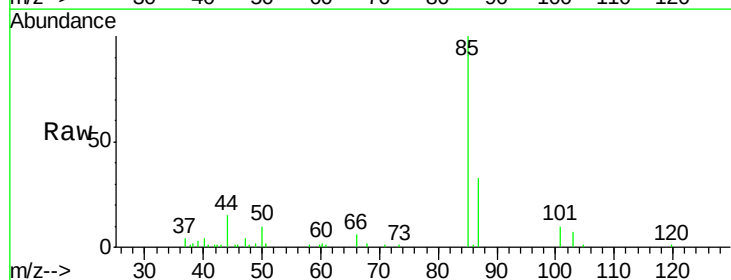
Manual Integrations
APPROVED

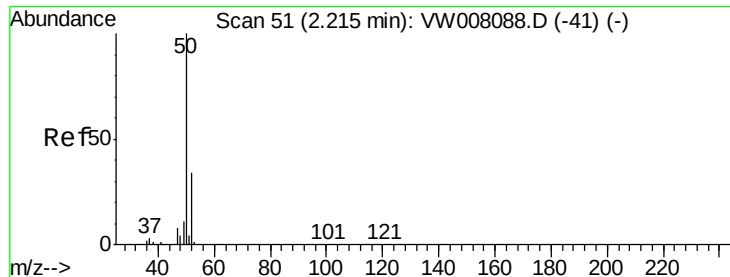
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#2
Dichlorodifluoromethane
Concen: 44.758 ug/l
RT: 2.01 min Scan# 17
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion: 85 Resp: 19053
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.3





#3

Chloromethane

Concen: 49.280 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 50 Resp: 27216

Ion Ratio Lower Upper

50 100

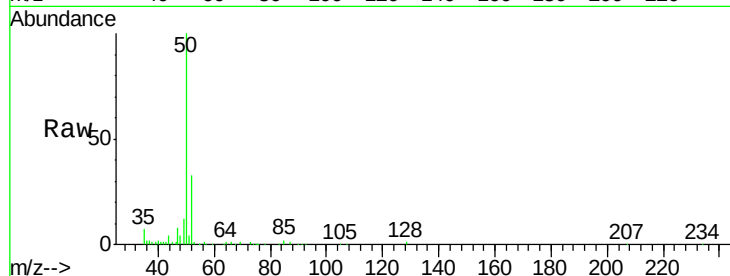
52 32.5 26.8 40.2

Manual Integrations

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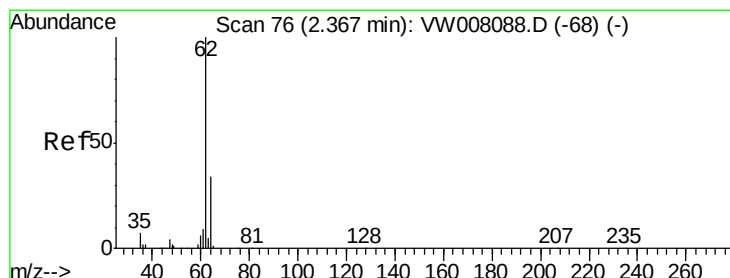
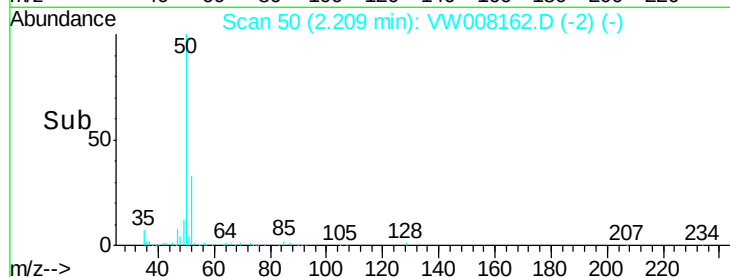
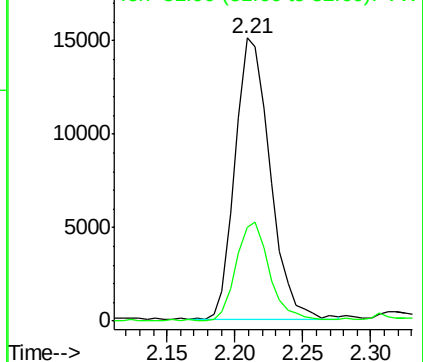
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.001 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008162.D

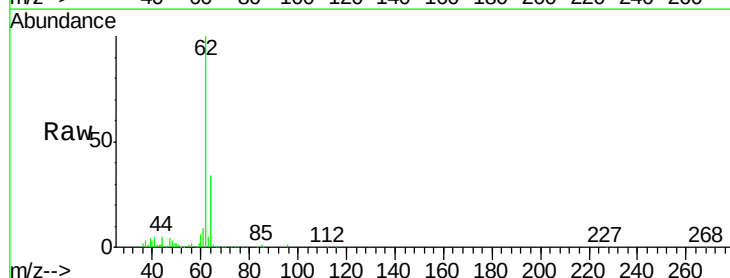
Acq: 10 Jan 2019 21:13

Tgt Ion: 62 Resp: 35320

Ion Ratio Lower Upper

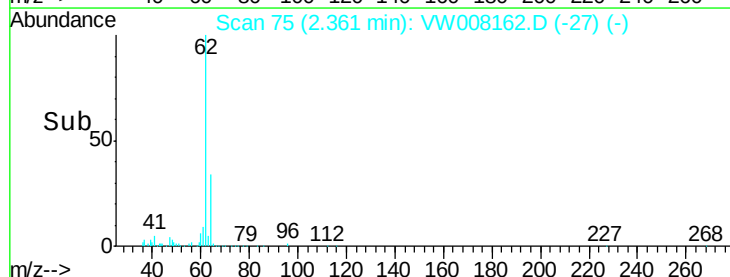
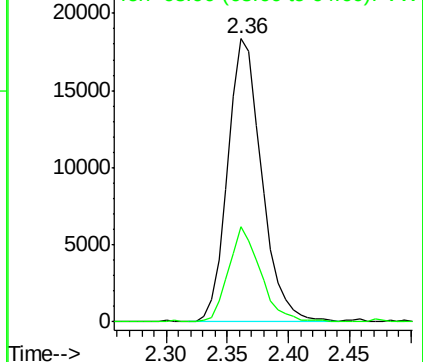
62 100

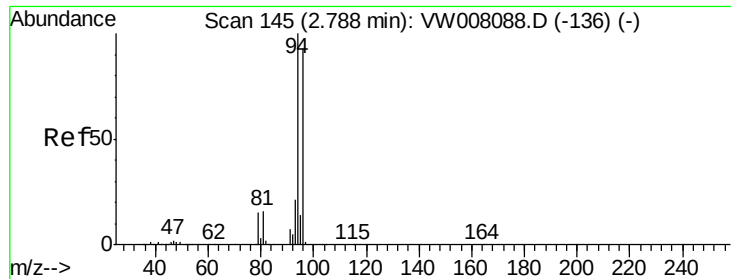
64 33.8 27.0 40.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 45.996 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008162.D

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Tot Ion: 94 Resp: 24836

Ion Ratio Lower Upper

94 100

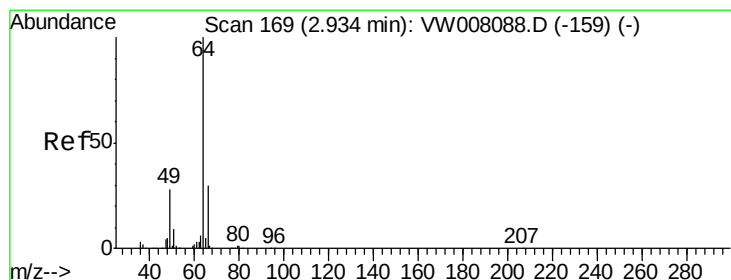
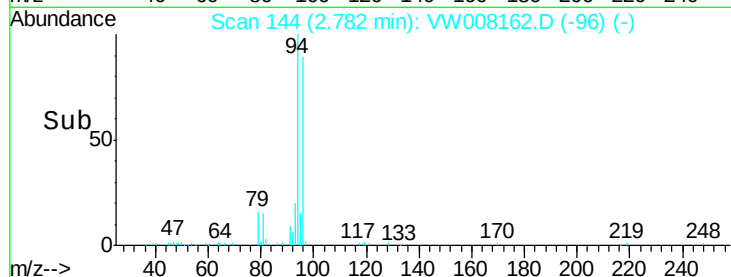
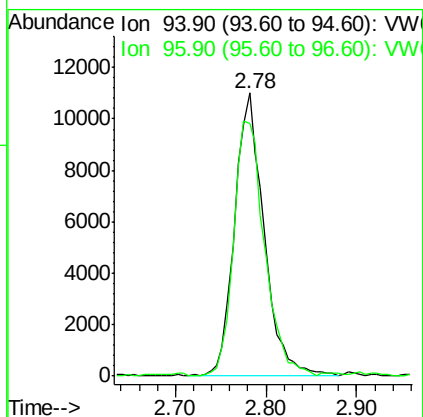
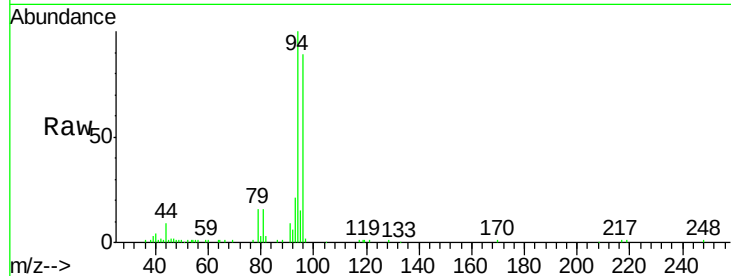
96 89.1 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 43.819 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008162.D

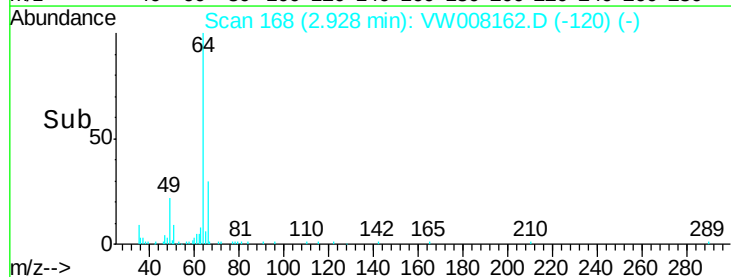
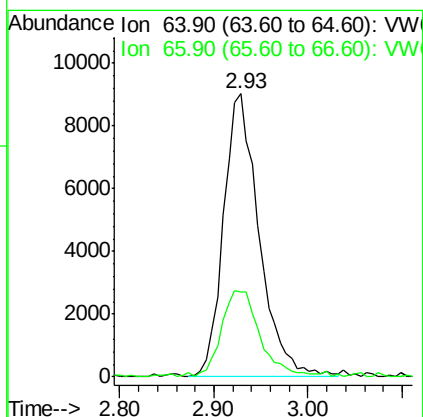
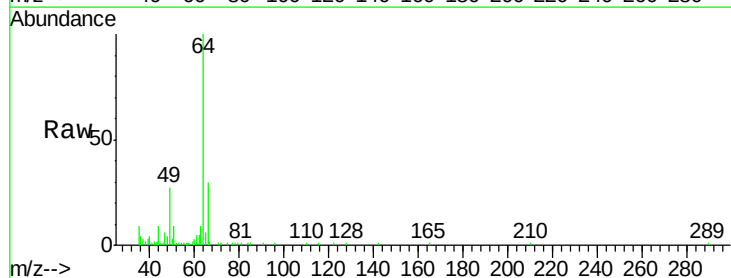
Acq: 10 Jan 2019 21:13

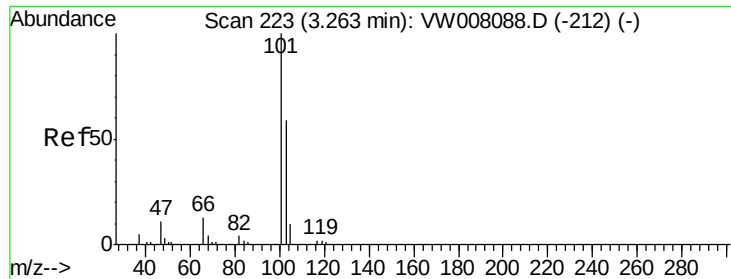
Tgt Ion: 64 Resp: 23767

Ion Ratio Lower Upper

64 100

66 28.8 24.2 36.2





#7

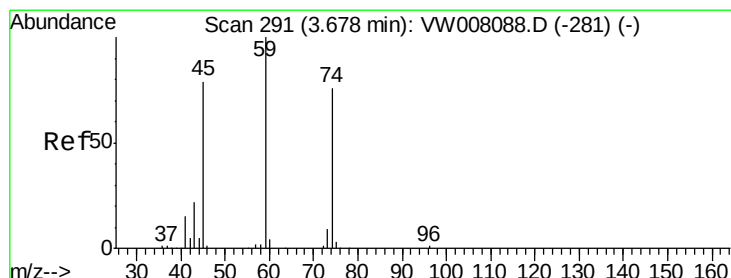
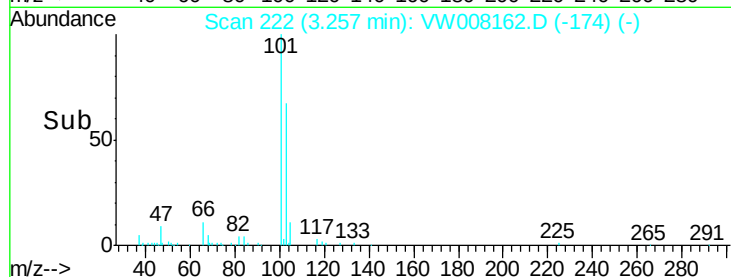
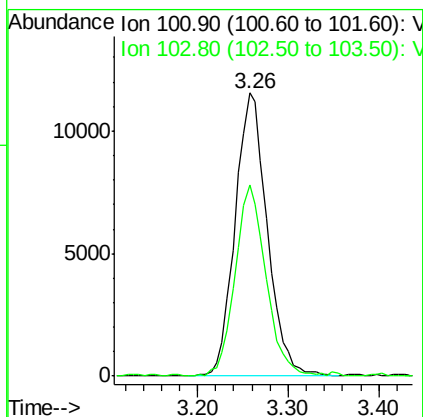
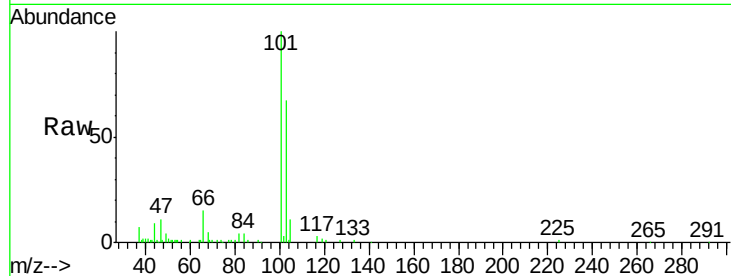
Trichlorofluoromethane
Concen: 48.434 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW008162.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	47.0	70.6

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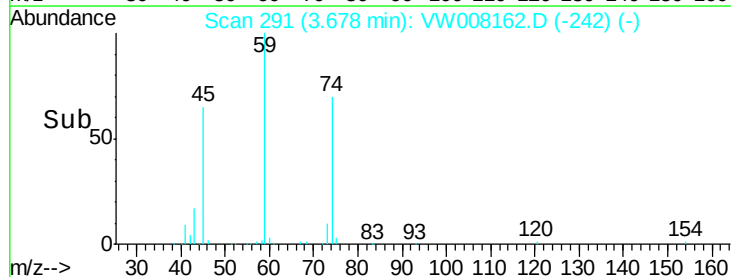
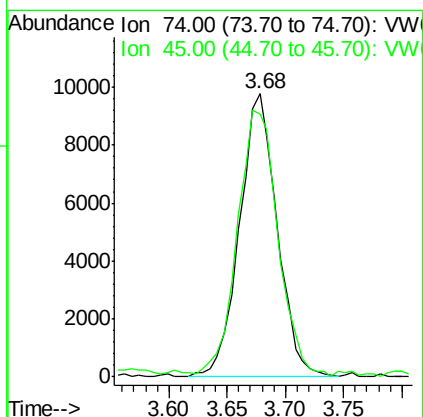
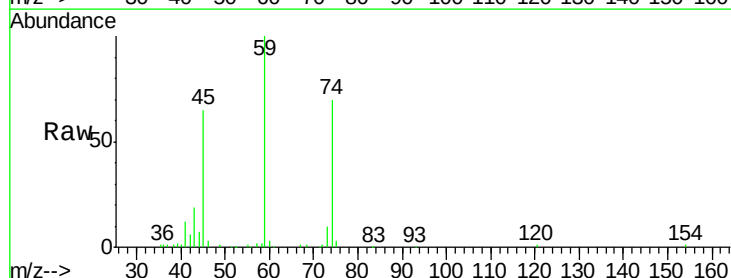
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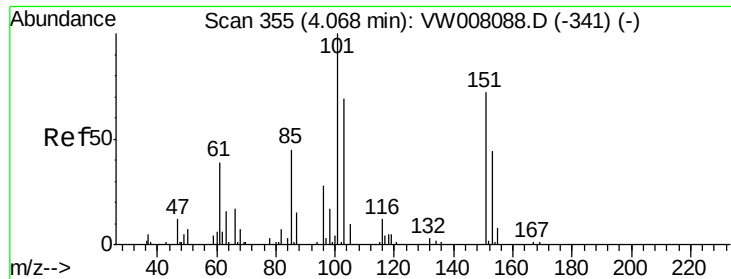


#8

Diethyl Ether
Concen: 66.202 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.896 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

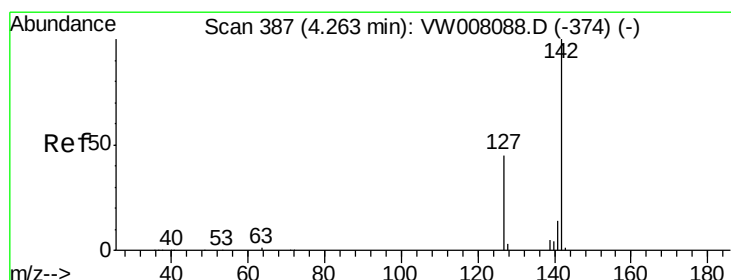
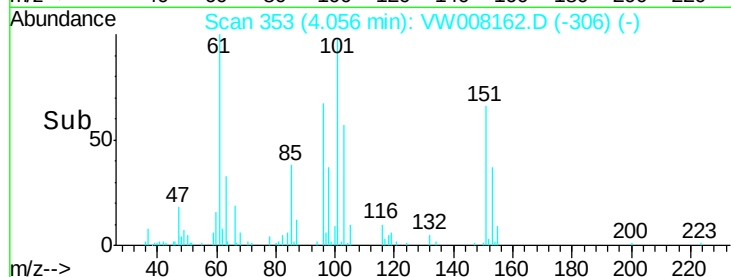
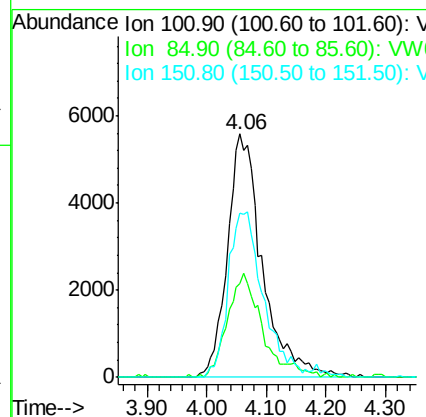
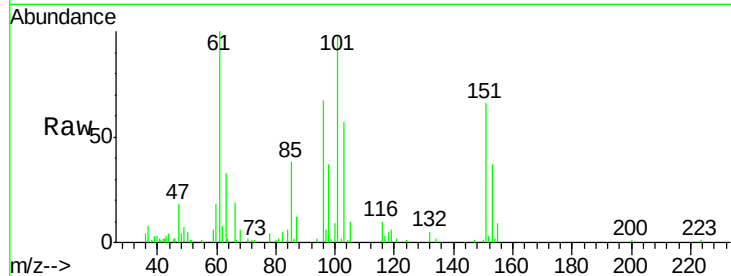
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	101	Resp:	22630
Ion Ratio	Lower	Upper	
101	100		
85	39.9	35.9	53.9
151	68.2	55.8	83.8

Manual Integrations
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#10

Methyl Iodide

Concen: 53.426 ug/l

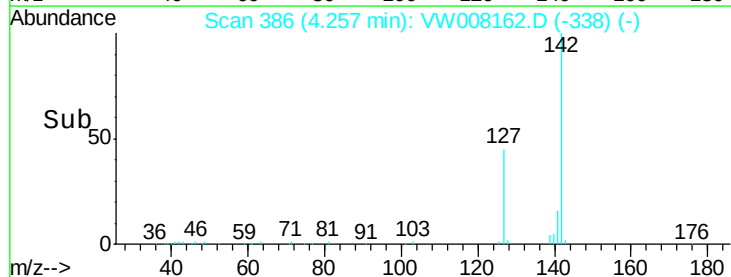
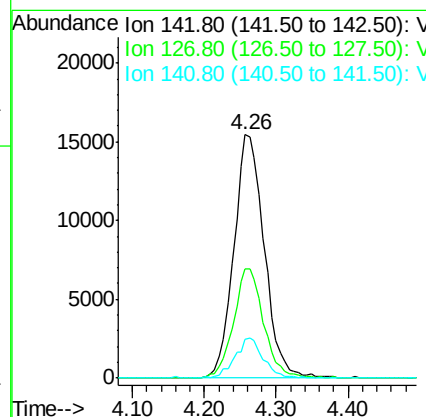
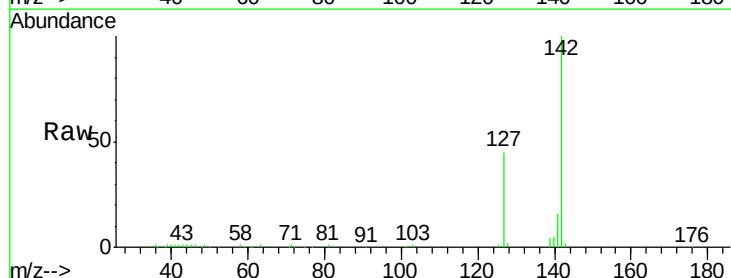
RT: 4.26 min Scan# 386

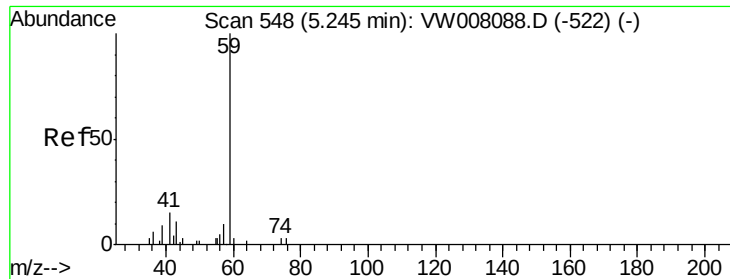
Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion:	142	Resp:	45302
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.0	52.4
141	15.1	11.8	17.6





#11

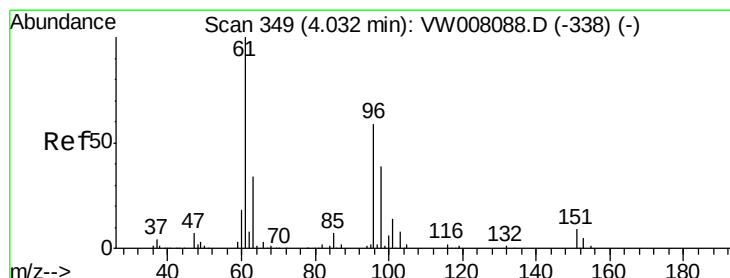
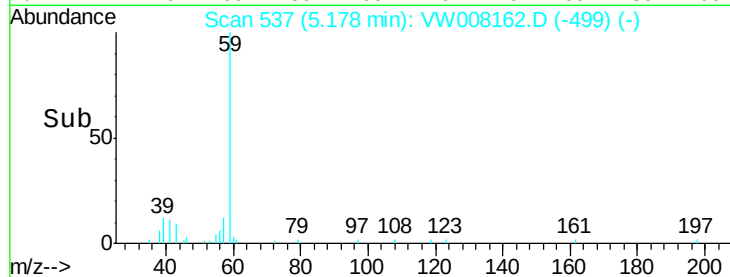
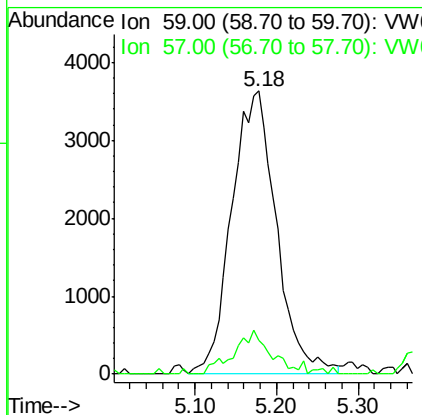
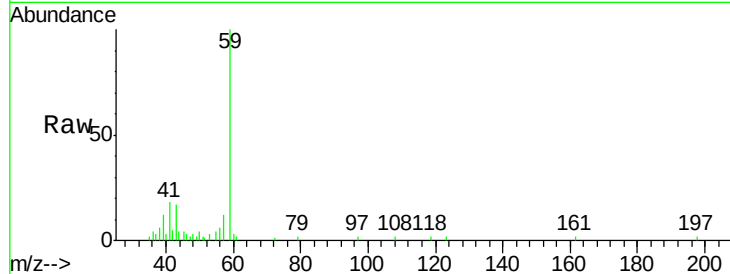
Tert butyl alcohol
Concen: 401.156 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.07 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Resp	Lower	Upper
59	100			
57	9.4	0.0	0.0	0.0

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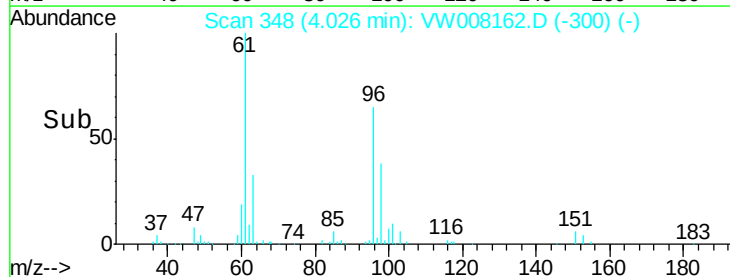
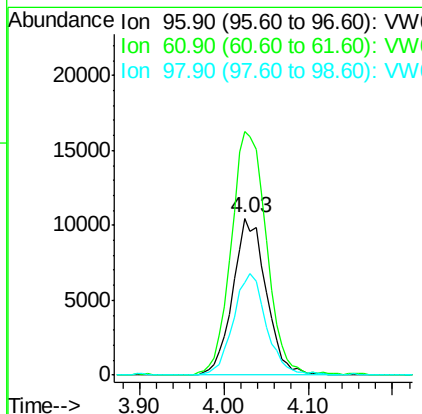
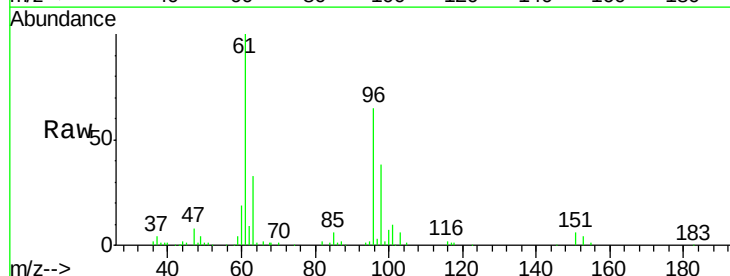
MMDadoda
1/11/2019 2:27:50 PM

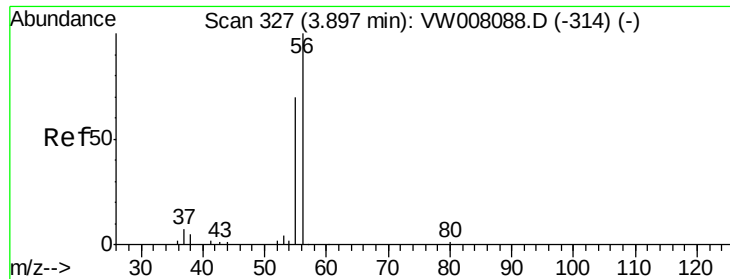


#12

1,1-Dichloroethene
Concen: 49.229 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.9	135.4	203.2	
98	58.7	52.5	78.7	





#13

Acrolein

Concen: 284.200 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 56 Resp: 11084

Ion Ratio Lower Upper

56 100

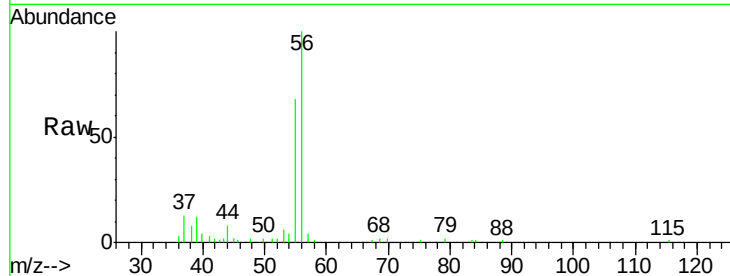
55 73.2 56.6 84.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

4000

3000

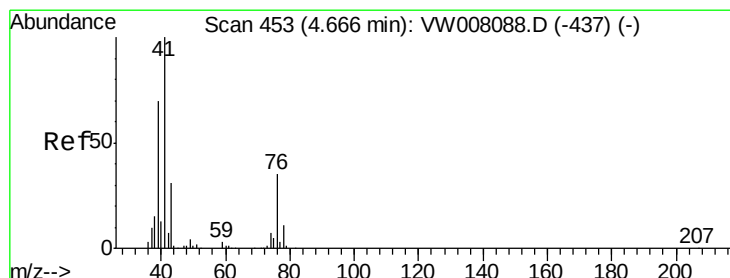
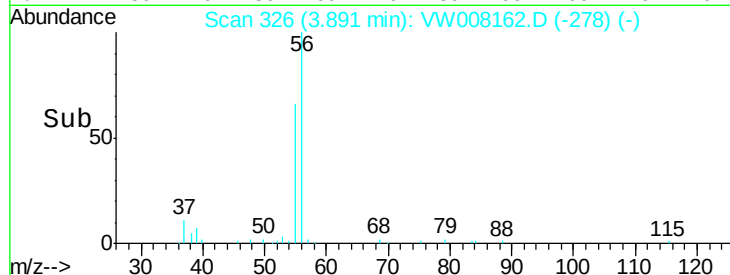
2000

1000

0

3.80 3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 49.735 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

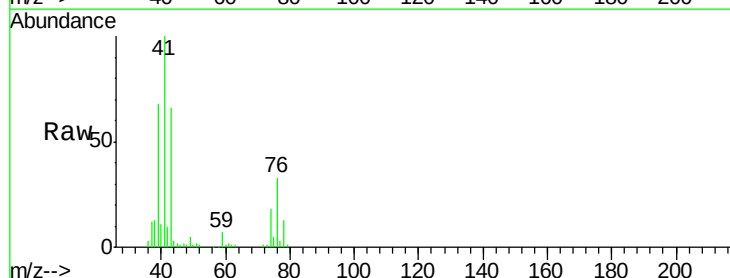
Tgt Ion: 41 Resp: 51580

Ion Ratio Lower Upper

41 100

39 64.2 53.8 80.8

76 33.5 27.6 41.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

20000

15000

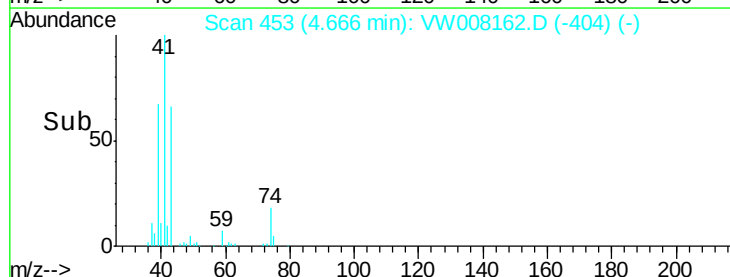
10000

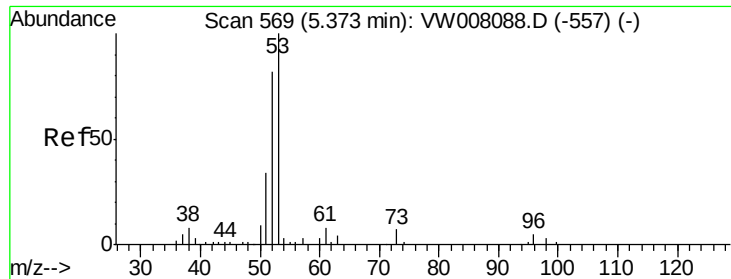
5000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 360.475 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

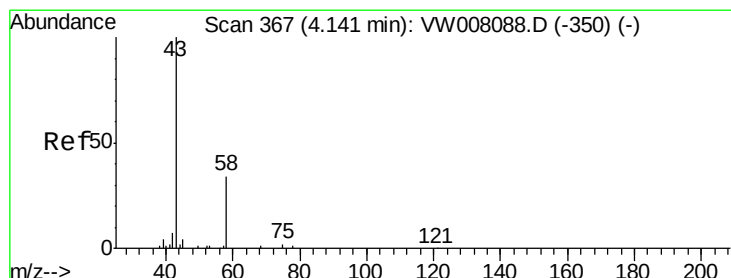
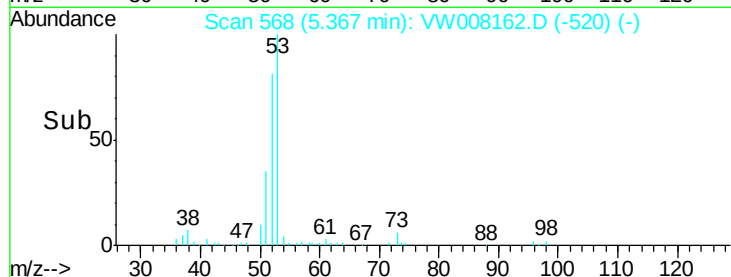
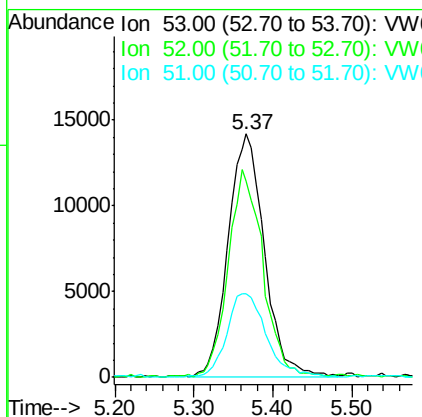
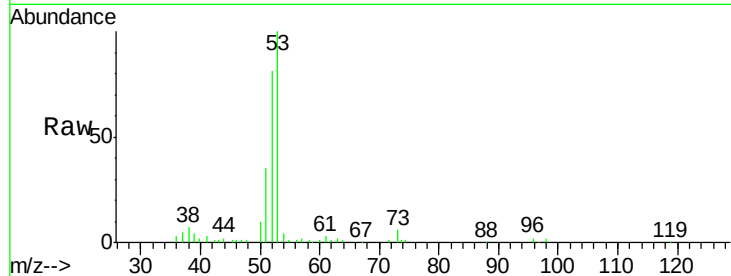
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	53	Resp:	45464
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.8	100.2
51	37.7	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 453.599 ug/l

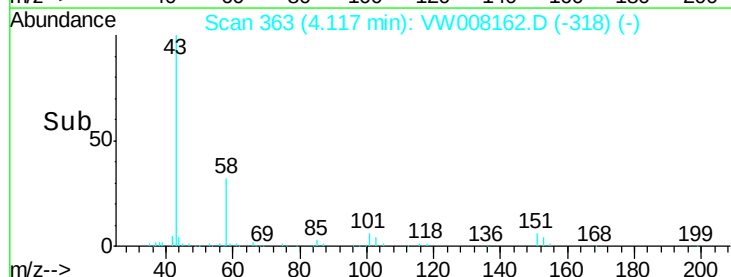
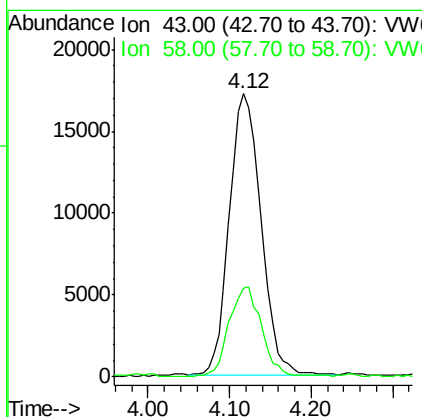
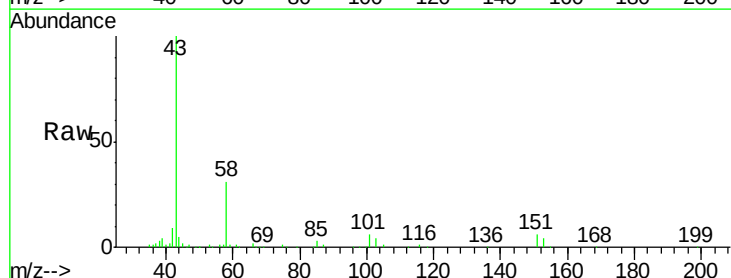
RT: 4.12 min Scan# 363

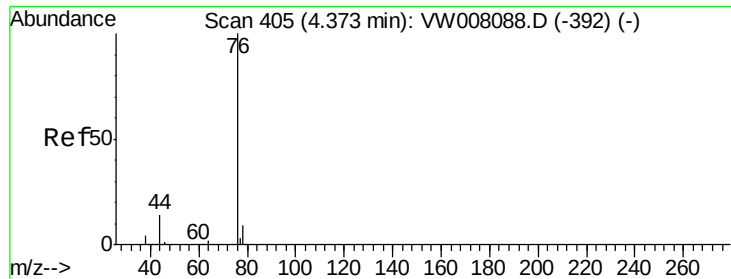
Delta R.T. -0.02 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion:	43	Resp:	45983
Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.5	41.3





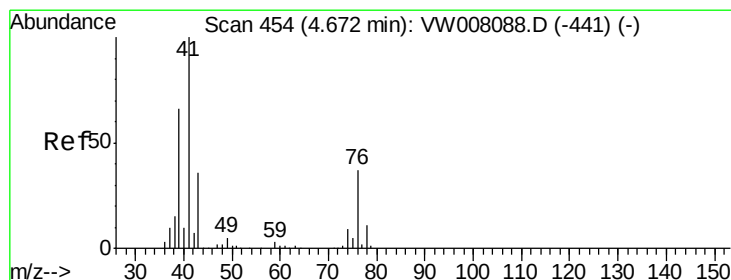
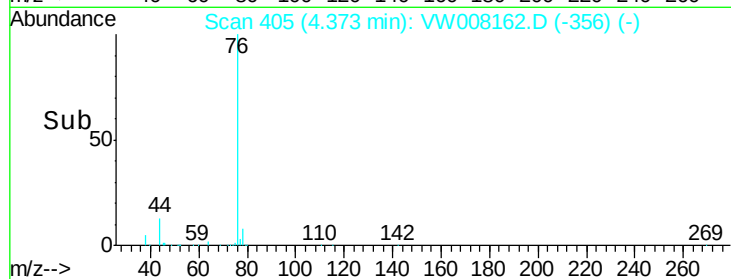
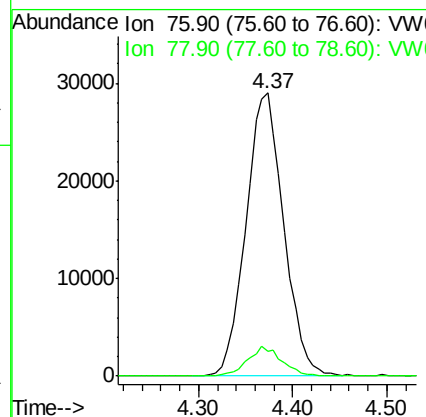
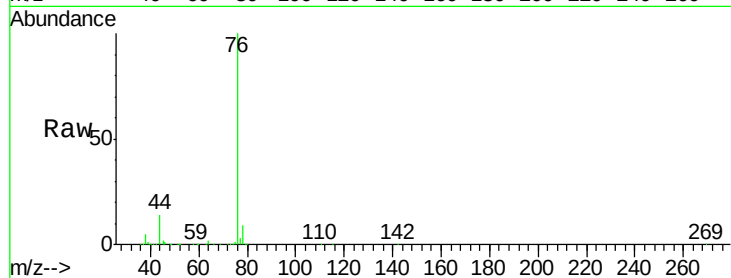
#17
Carbon Disulfide
Concen: 45.570 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

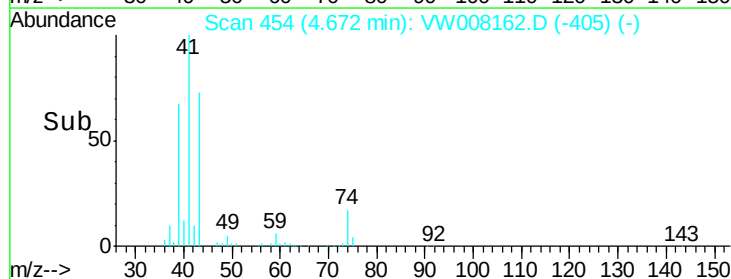
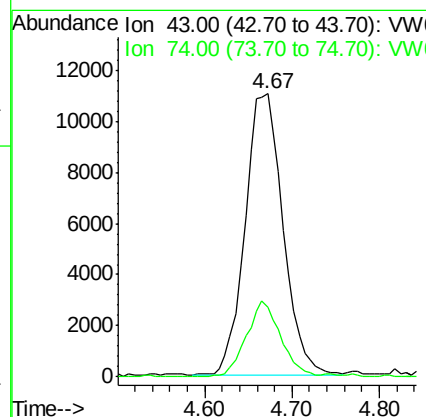
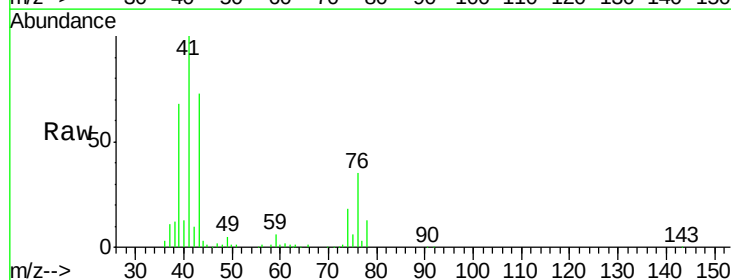
Manual Integrations
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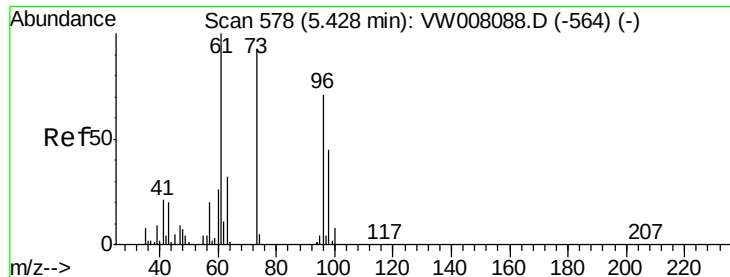
MMDadoda
1/11/2019 2:27:50 PM



#18
Methyl Acetate
Concen: 89.289 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.0	28.4





#19

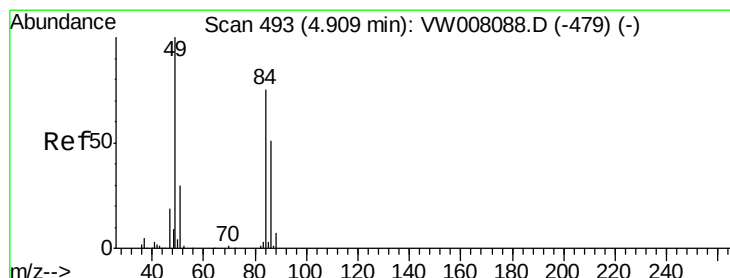
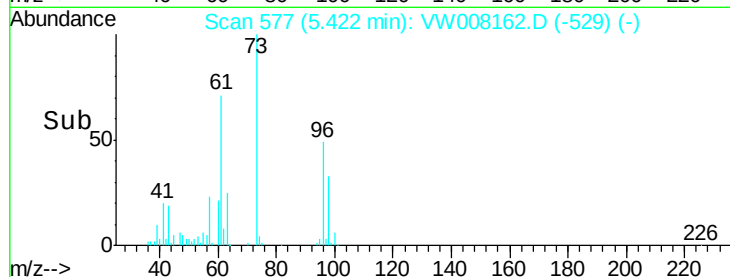
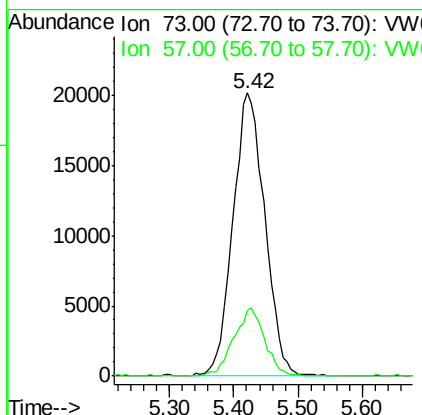
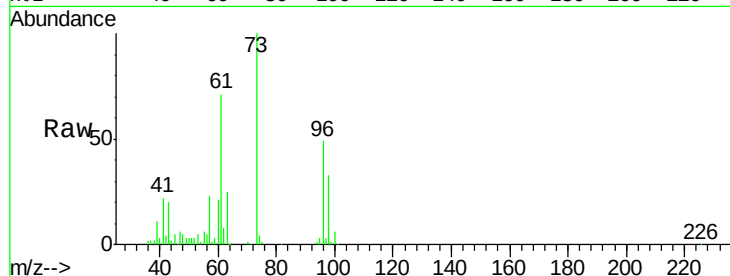
Methyl tert-butyl Ether
 Concen: 74.541 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	16.7	25.1

Manual Integrations
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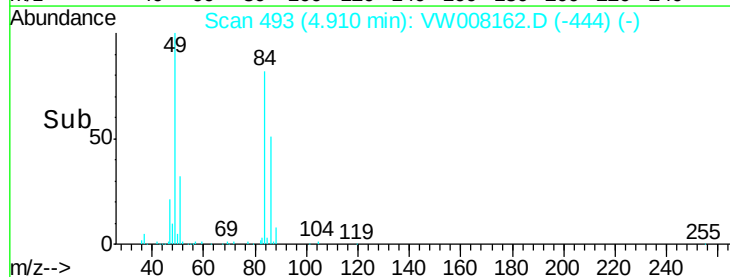
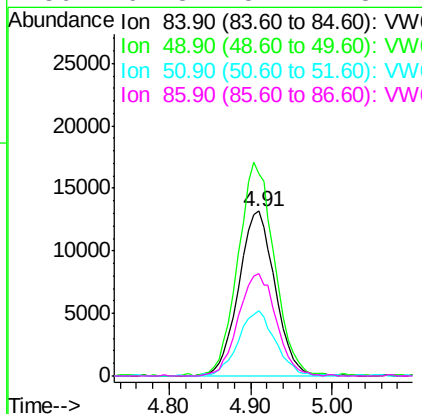
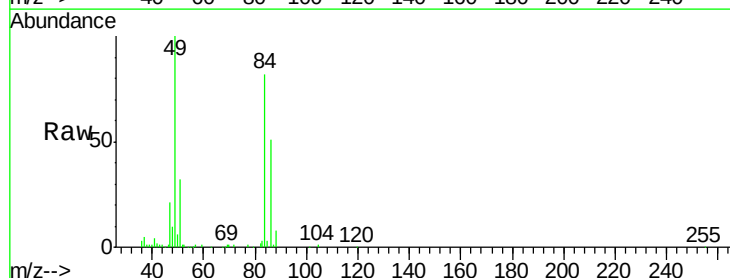
MMDadoda
 1/11/2019 2:27:50 PM

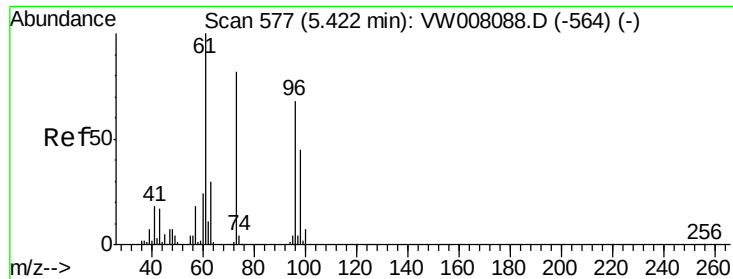


#20

Methylene Chloride
 Concen: 73.219 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.8	107.1	160.7
51	39.5	32.4	48.6
86	62.3	54.2	81.4





#21

trans-1,2-Dichloroethene

Concen: 52.666 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

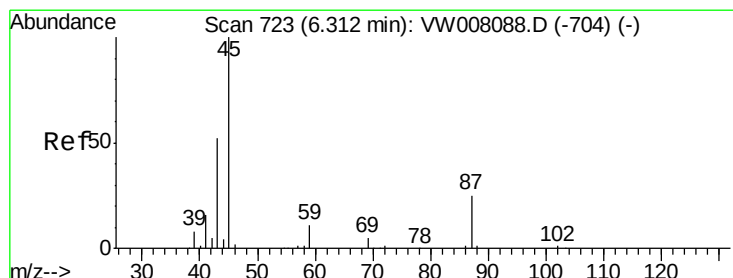
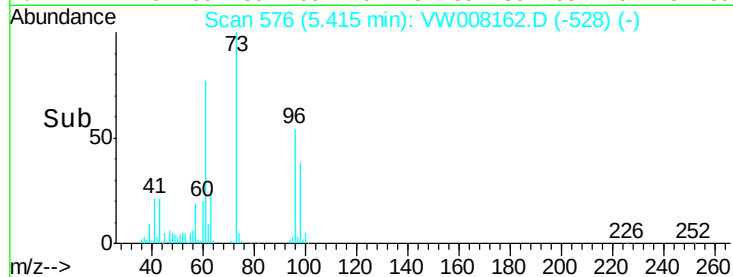
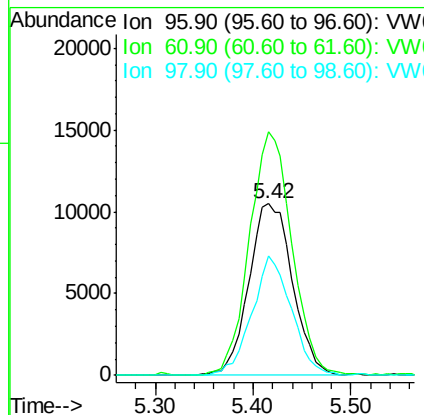
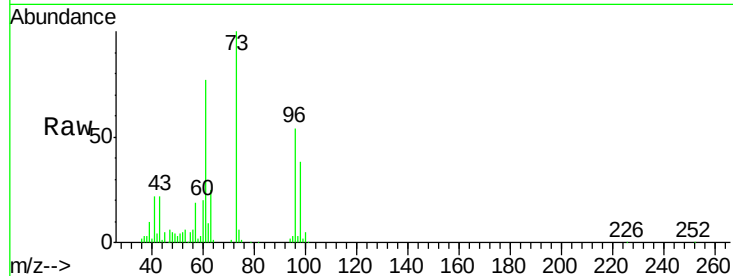
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	96	Resp:	32692
Ion	Ratio	Lower	Upper
96	100		
61	141.9	117.4	176.0
98	69.5	52.2	78.4

Manual Integrations
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1/11/2019 2:27:50 PM



#22

Diisopropyl ether

Concen: 66.232 ug/l

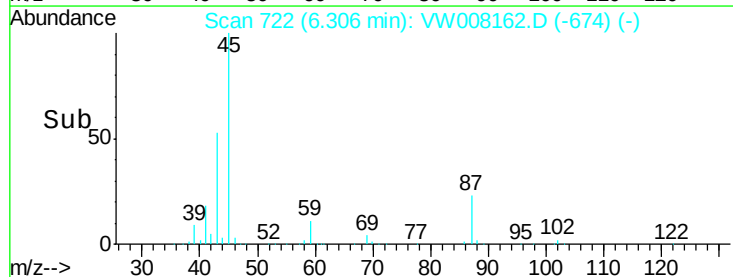
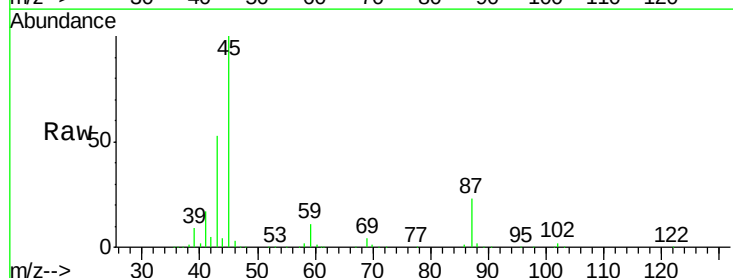
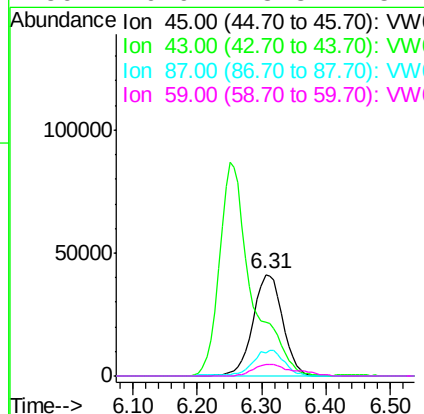
RT: 6.31 min Scan# 722

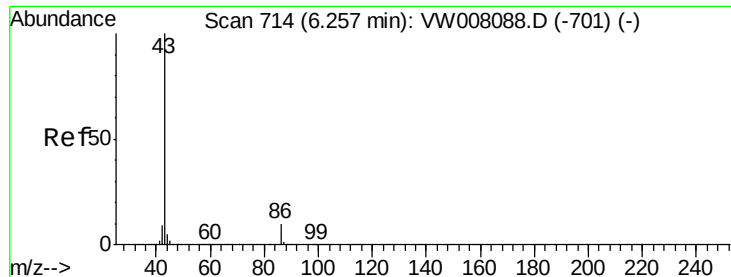
Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion:	45	Resp:	131001
Ion	Ratio	Lower	Upper
45	100		
43	52.9	41.7	62.5
87	23.1	20.1	30.1
59	10.9	8.8	13.2





#23

Vinyl Acetate

Concen: 291.621 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 43 Resp: 302934

Ion Ratio Lower Upper

43 100

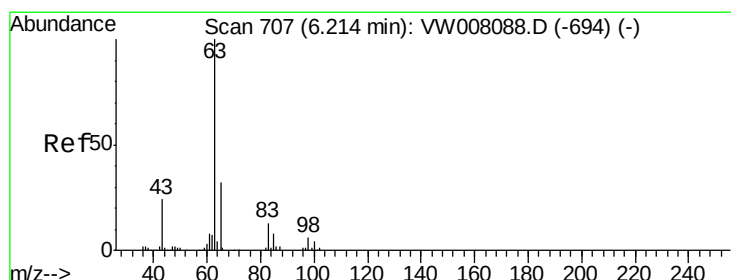
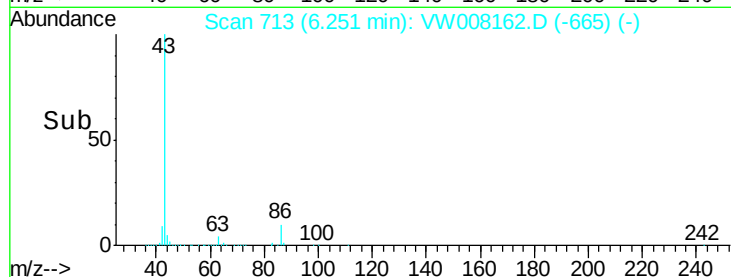
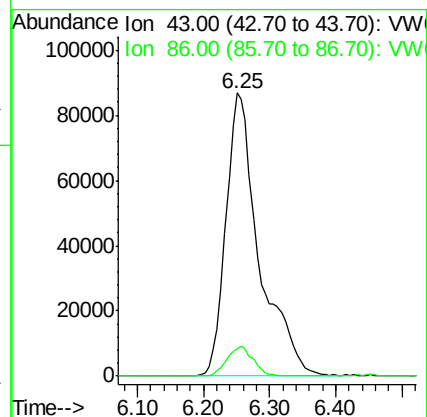
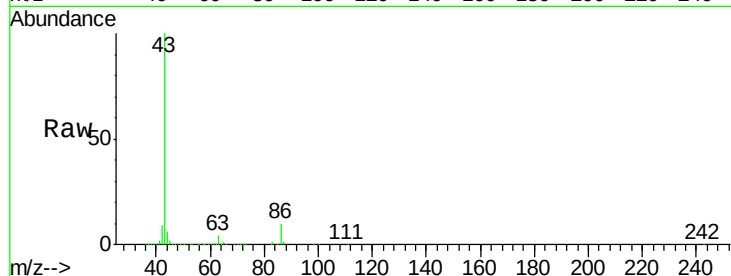
86 9.8 7.7 11.5

Manual Integrations

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1/11/2019 2:27:50 PM



#24

1,1-Dichloroethane

Concen: 56.934 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

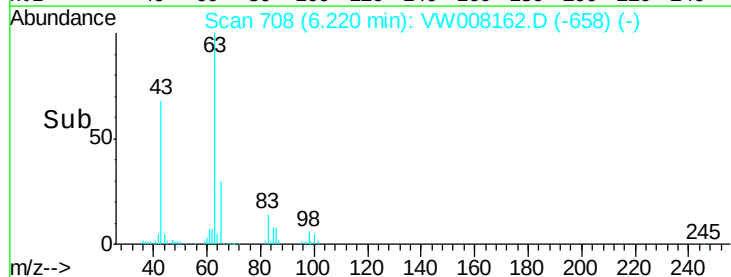
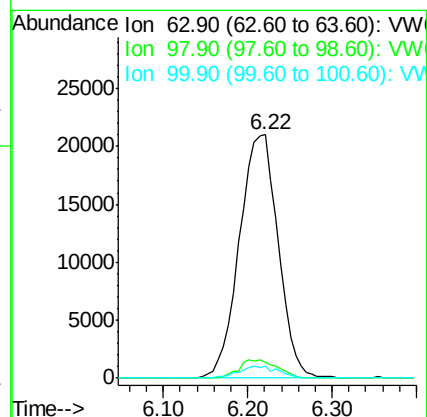
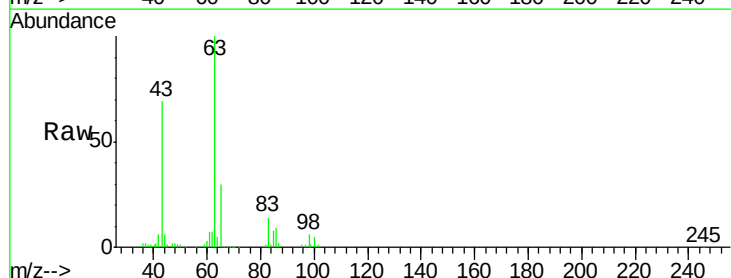
Tgt Ion: 63 Resp: 65613

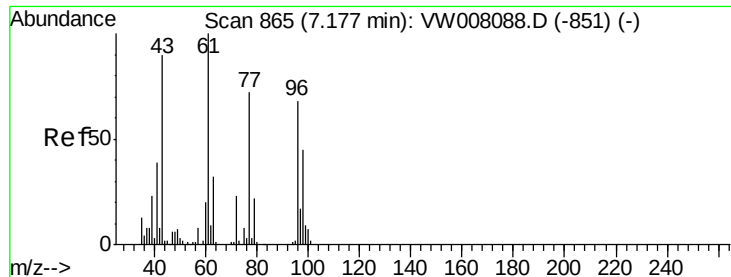
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.9 2.0 6.0





#25

2-Butanone

Concen: 366.571 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 43 Resp: 59791

Ion Ratio Lower Upper

43 100

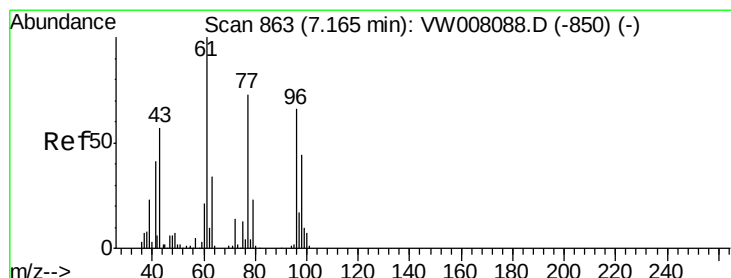
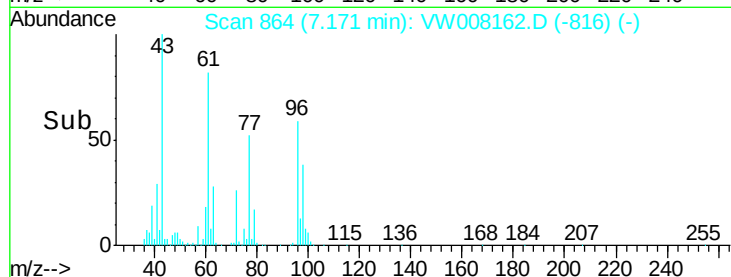
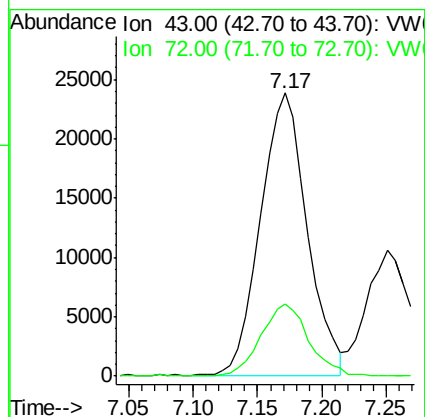
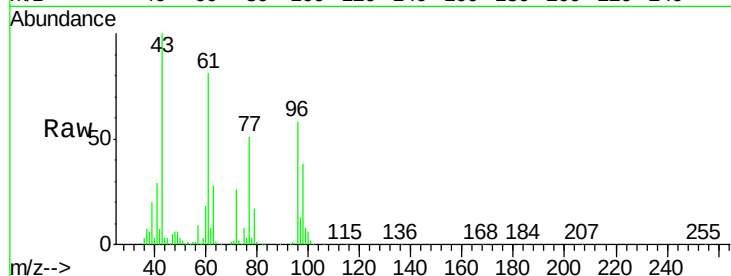
72 25.8 20.5 30.7

Manual Integrations

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1/11/2019 2:27:50 PM



#26

2,2-Dichloropropane

Concen: 51.168 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008162.D

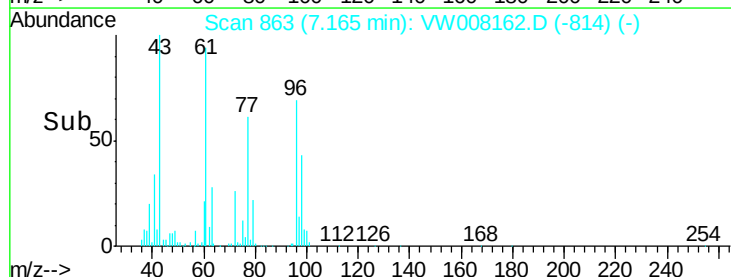
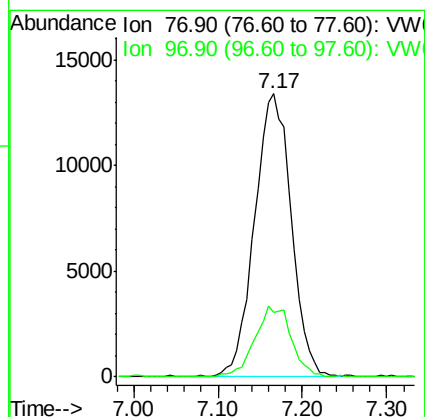
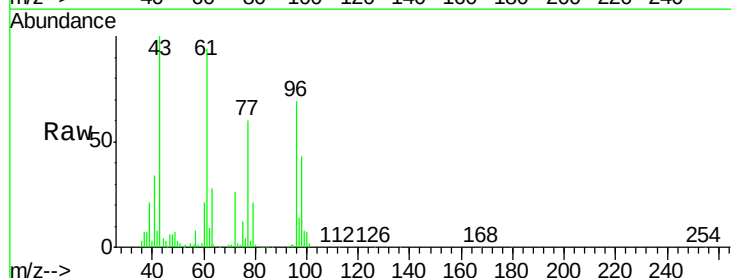
Acq: 10 Jan 2019 21:13

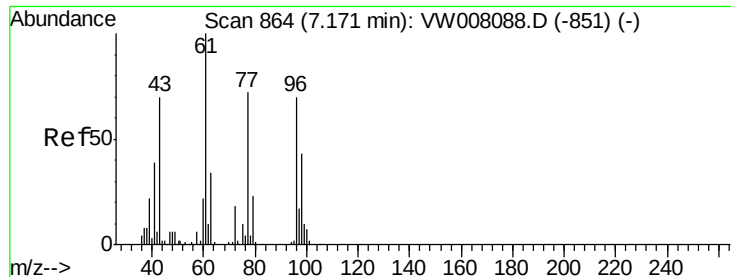
Tgt Ion: 77 Resp: 39955

Ion Ratio Lower Upper

77 100

97 24.7 11.4 34.1





#27

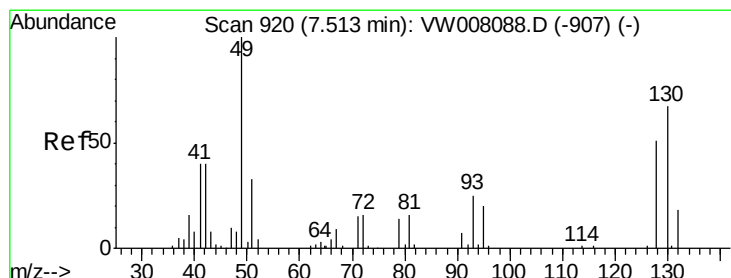
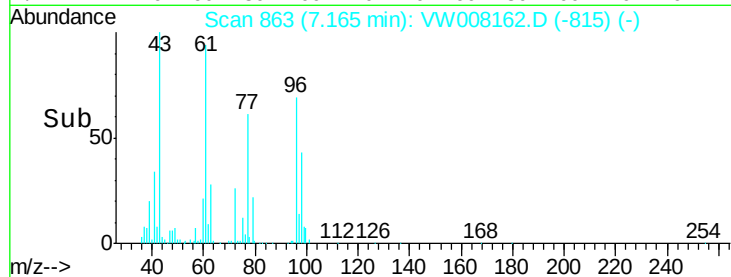
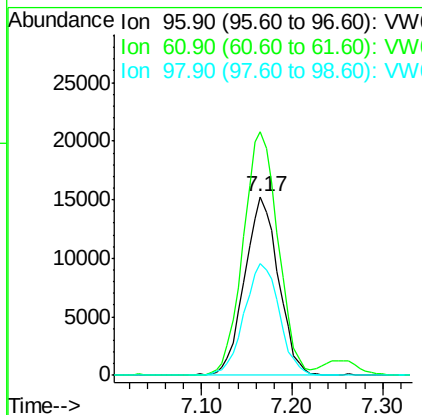
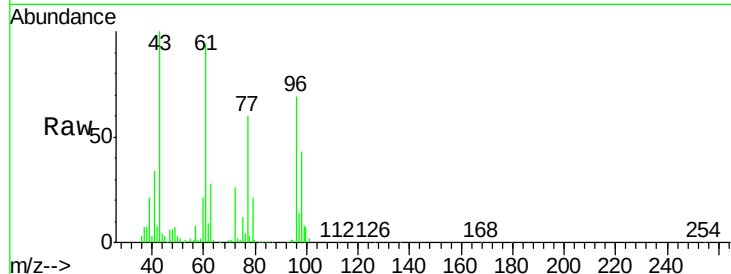
cis-1,2-Dichloroethene
Concen: 58.028 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	300.4
98	64.9	0.0	128.4

Manual Integrations
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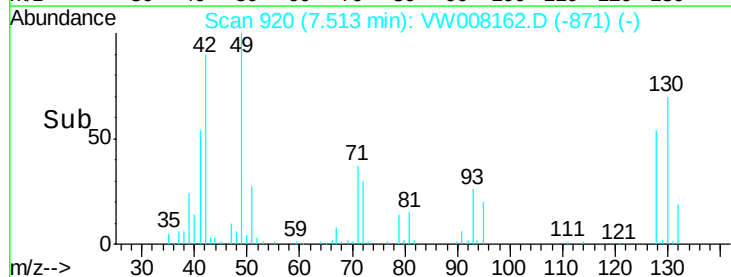
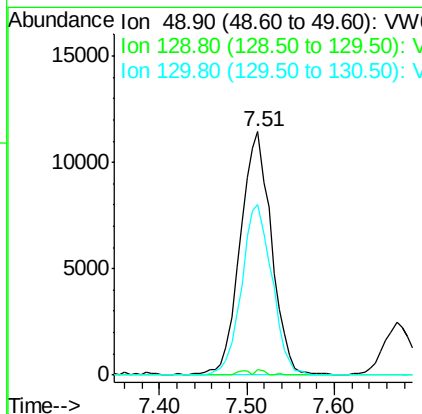
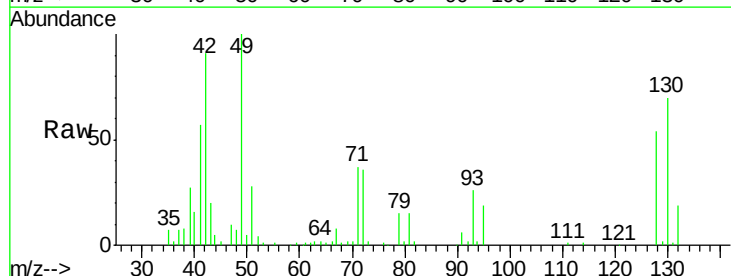
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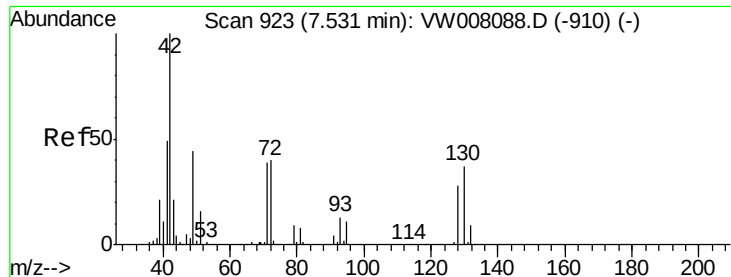


#28

Bromochloromethane
Concen: 62.152 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.8
130	68.2	54.3	81.5





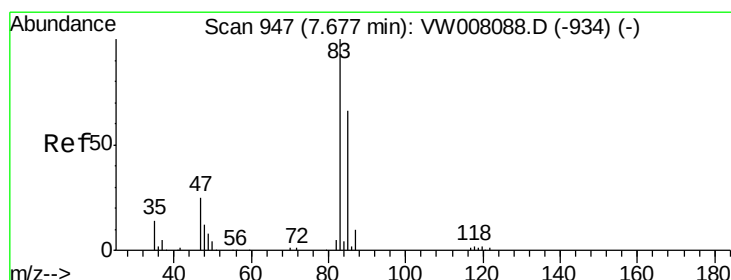
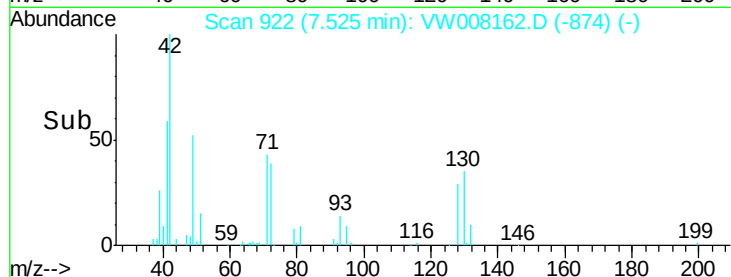
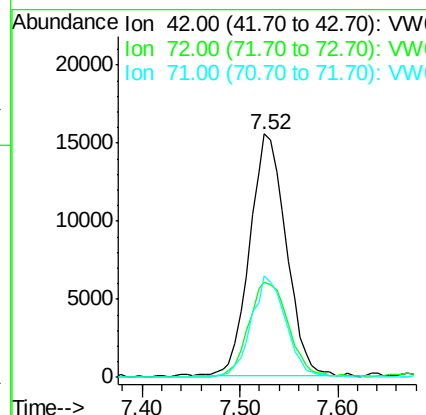
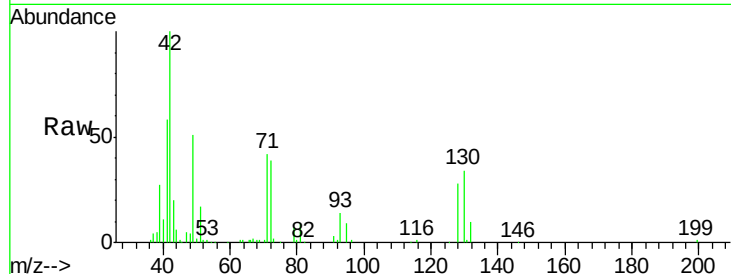
#29
Tetrahydrofuran
Concen: 366.236 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	32.4	48.6
71	40.0	31.3	46.9

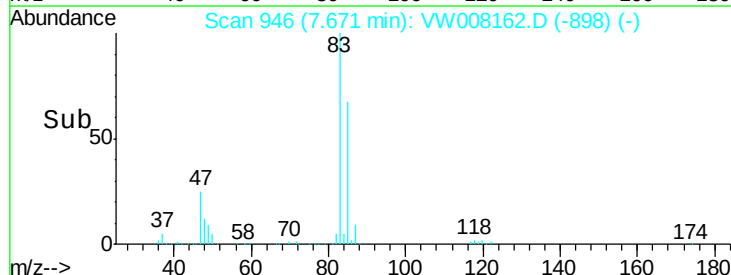
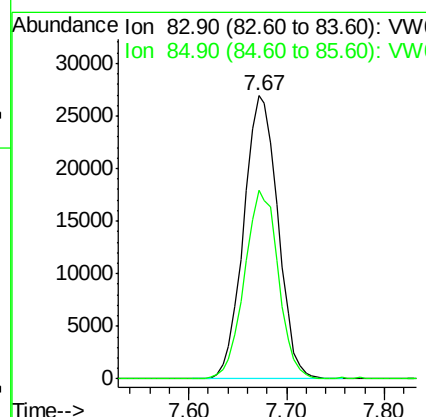
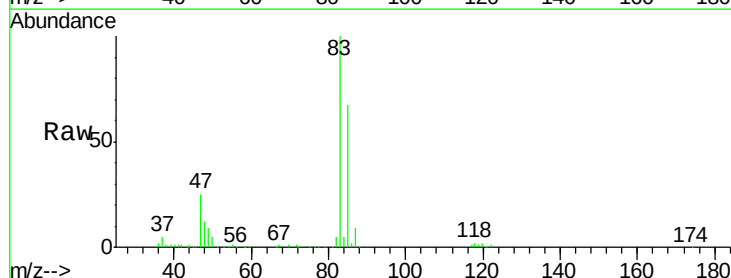
Manual Integrations
APPROVED

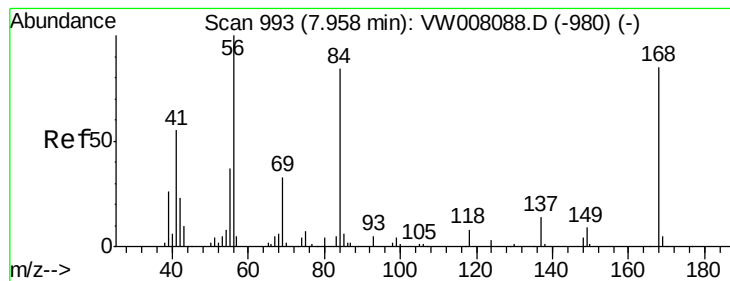
MMDadoda
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#30
Chloroform
Concen: 59.780 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.2	79.8





#31

Cyclohexane

Concen: 23.165 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

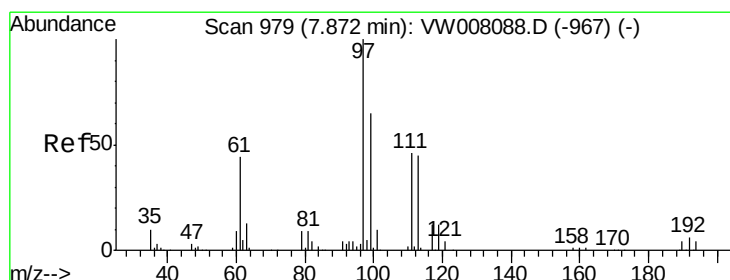
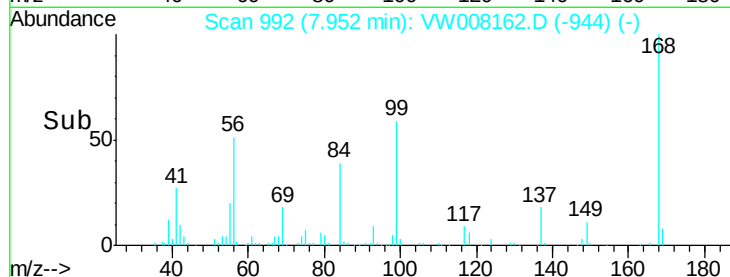
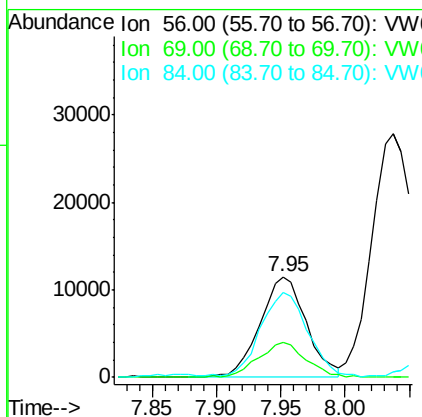
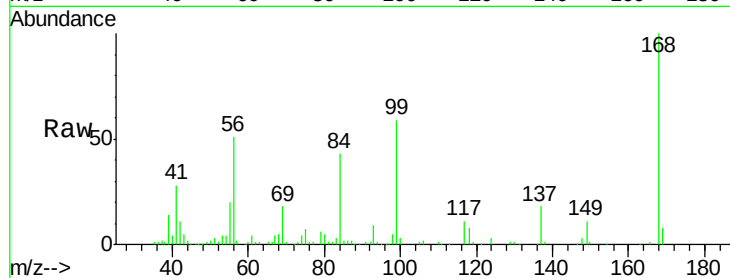
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	56	Resp:	28579
Ion Ratio	Lower	Upper	
56	100		
69	33.1	26.2	39.4
84	81.4	67.4	101.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.122 ug/l

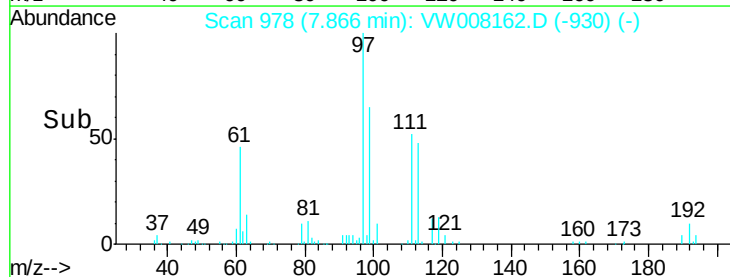
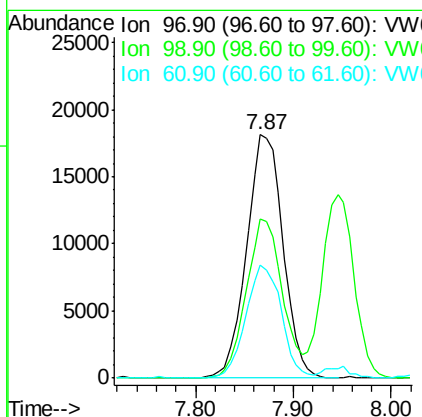
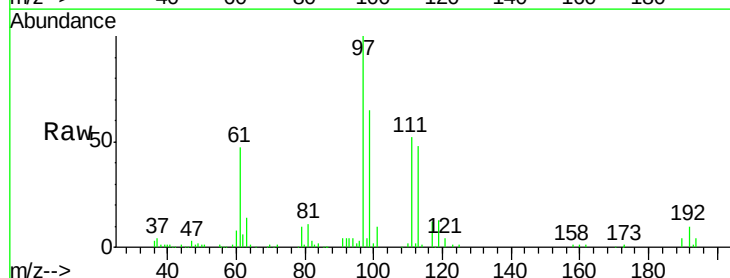
RT: 7.87 min Scan# 978

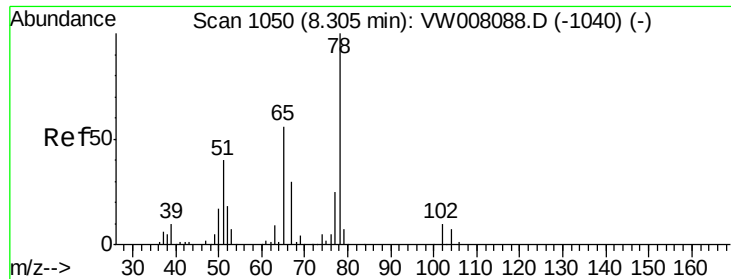
Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion:	97	Resp:	46886
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.4	77.0
61	45.4	35.6	53.4





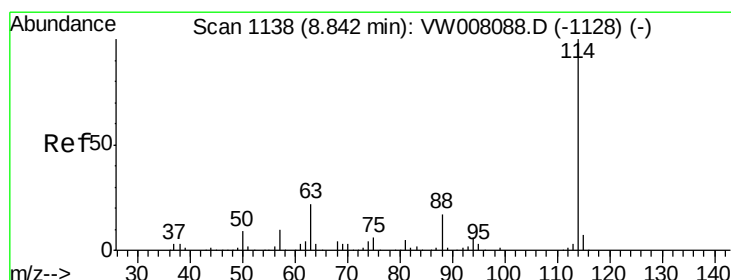
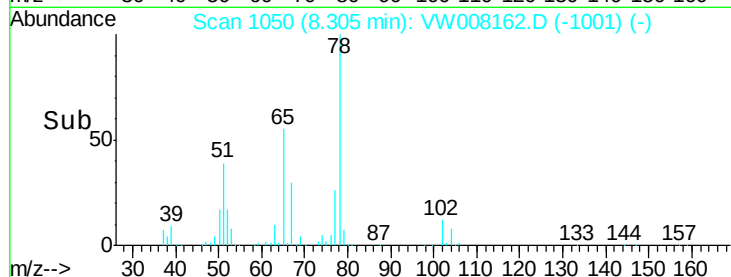
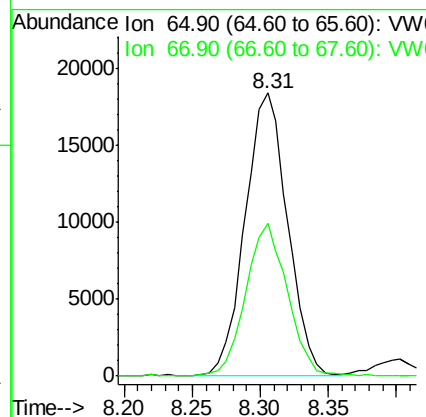
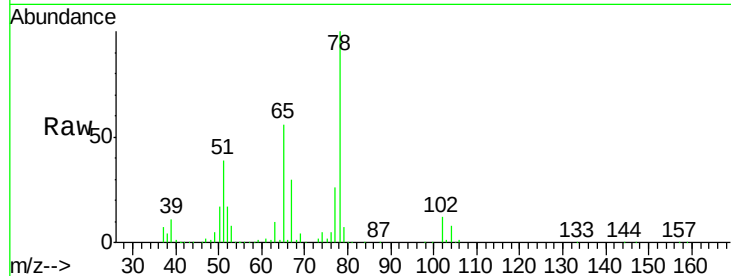
#33
 1,2-Dichloroethane-d4
 Concen: 68.527 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8

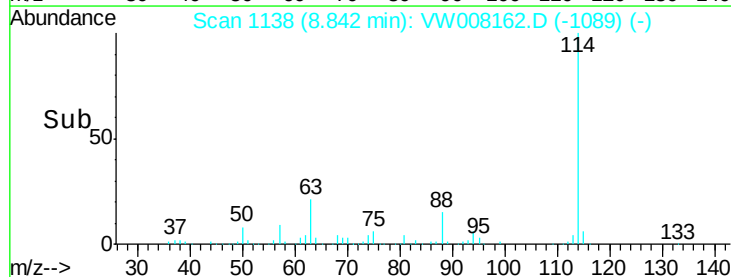
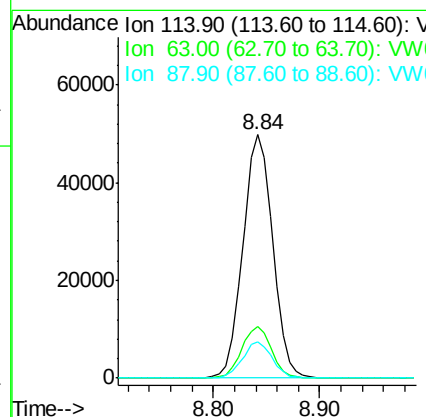
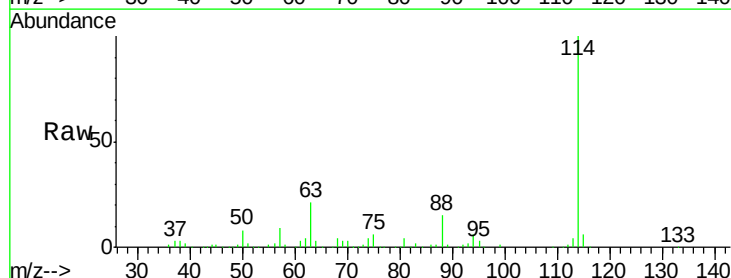
Manual Integrations
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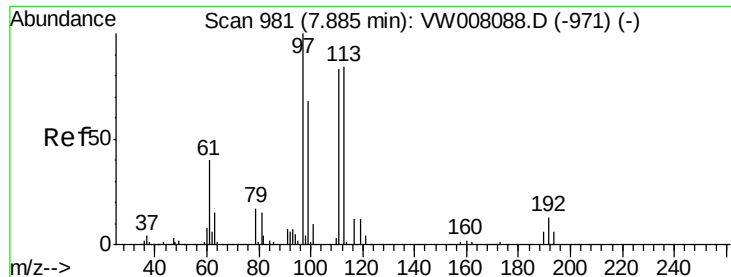
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	14.9	0.0	33.4





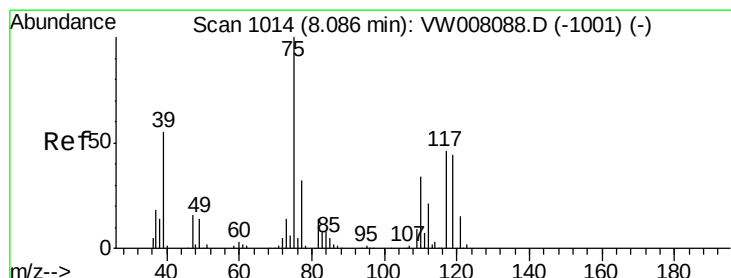
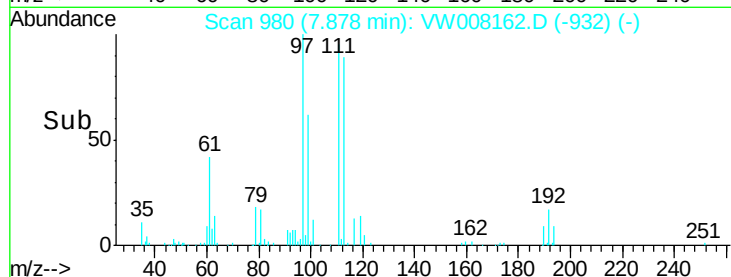
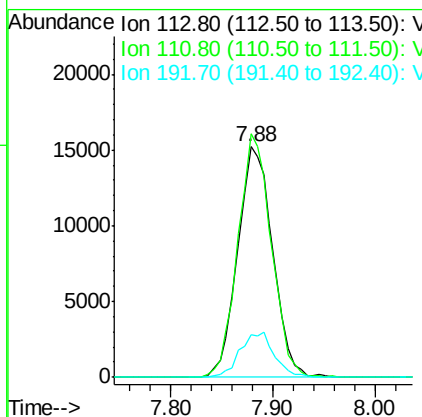
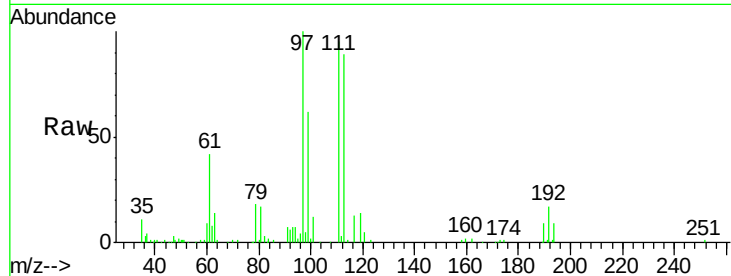
#35
 Dibromofluoromethane
 Concen: 63.162 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.8
192	19.2	12.8	19.2

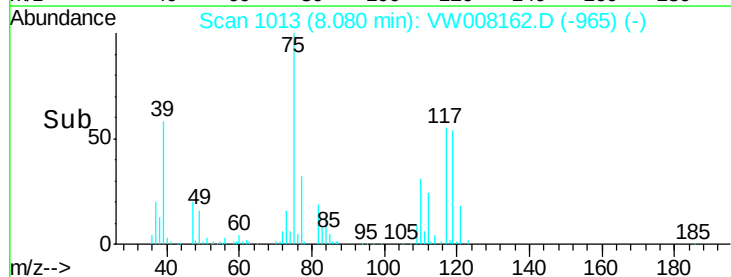
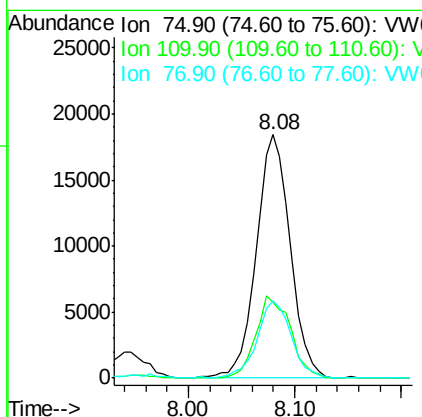
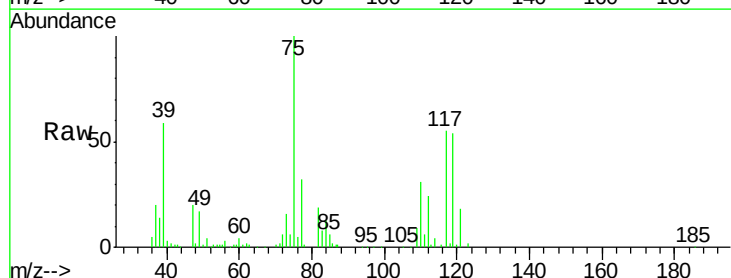
Manual Integrations
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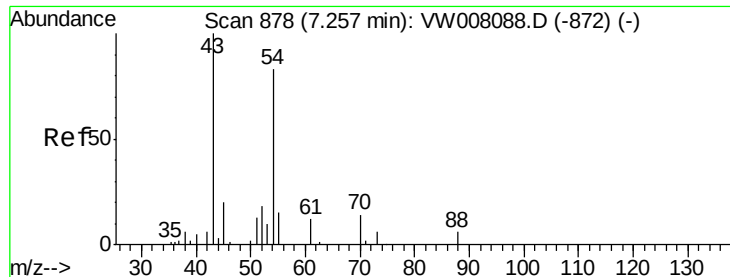
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#36
 1,1-Dichloropropene
 Concen: 40.639 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.1	51.3
77	32.2	25.5	38.3





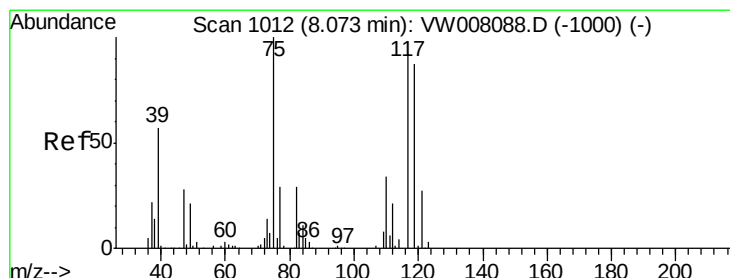
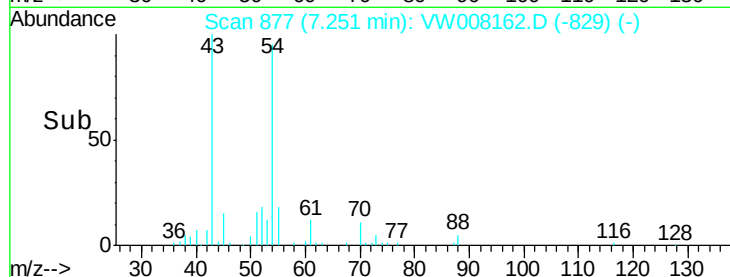
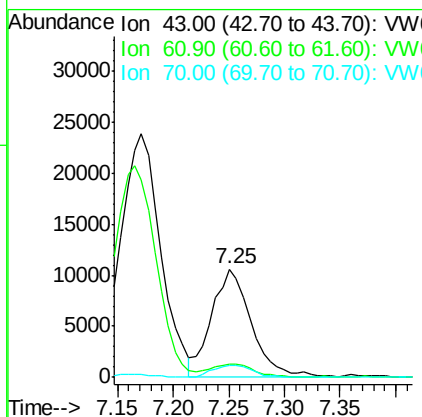
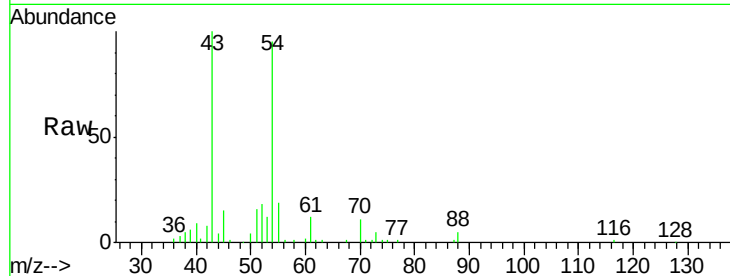
#37
Ethyl Acetate
Concen: 64.118 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	16.0
70	11.9	8.9	13.3

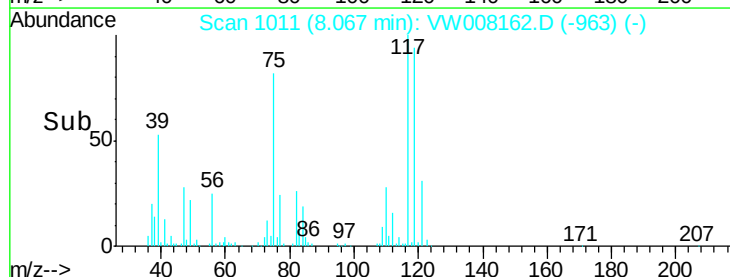
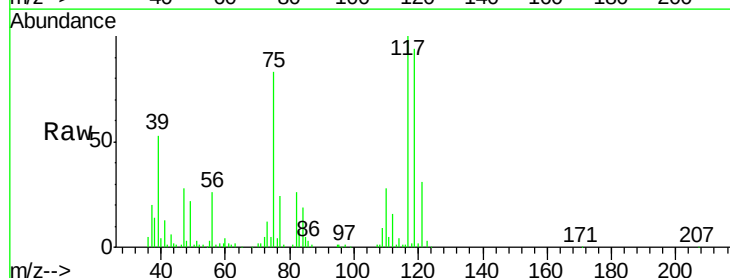
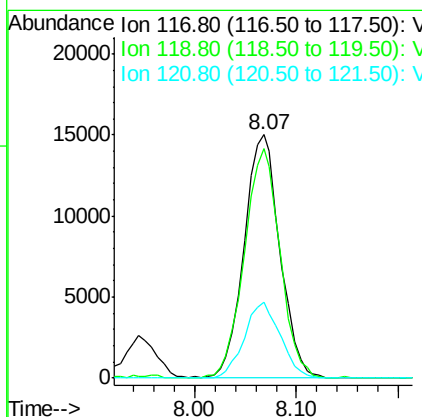
Manual Integrations
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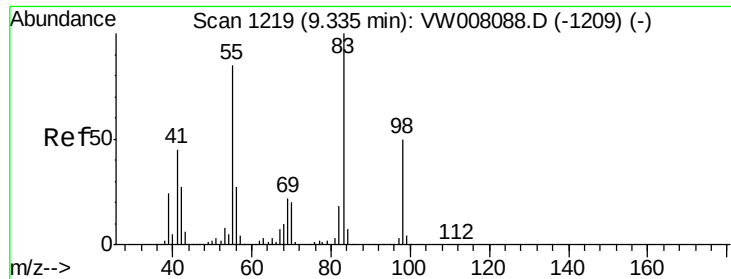
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#38
Carbon Tetrachloride
Concen: 39.635 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
121	31.1	23.7	35.5





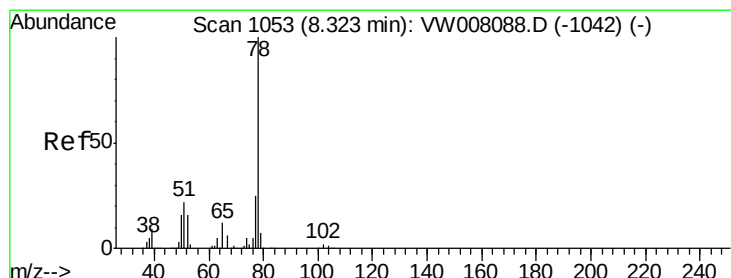
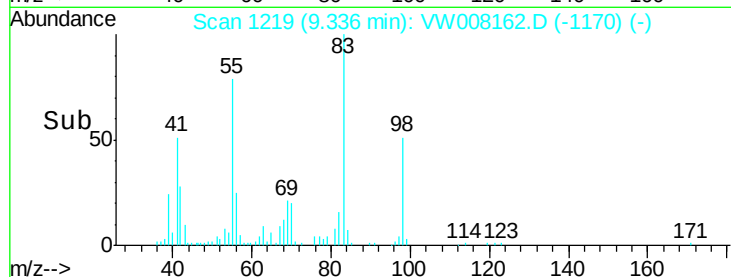
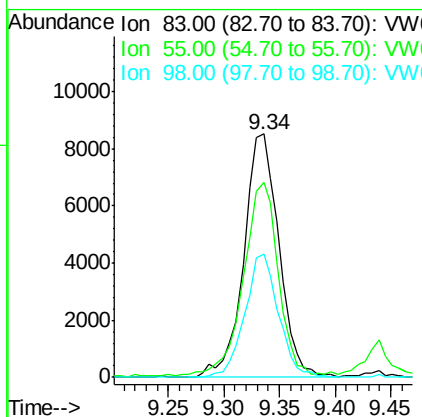
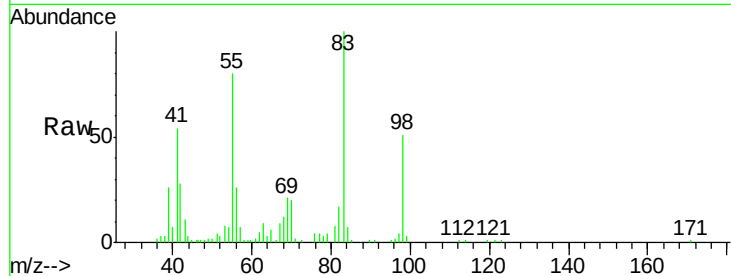
#39
Methylvlcyclohexane
Concen: 14.631 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	83	Resp	18740
Ion Ratio	Lower	Upper	
83	100		
55	79.1	67.8	101.6
98	50.8	40.2	60.4

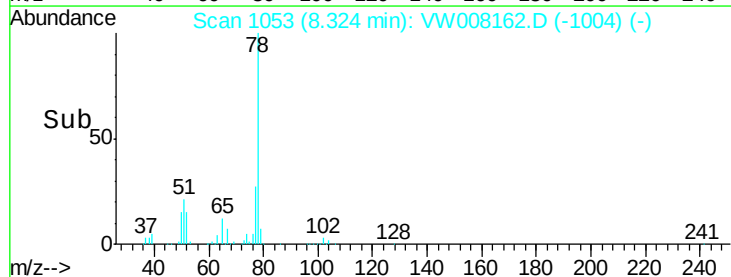
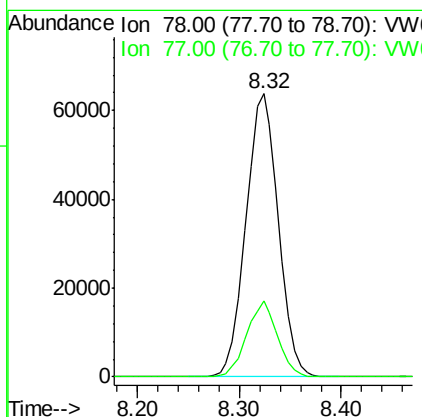
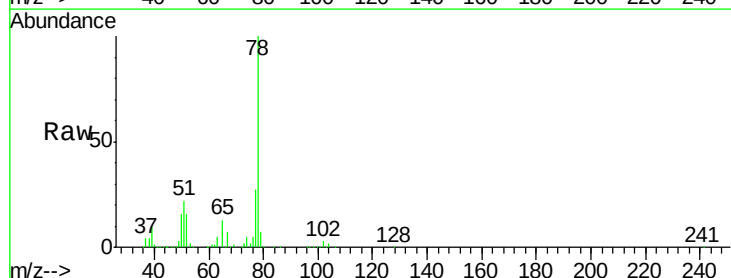
Manual Integrations
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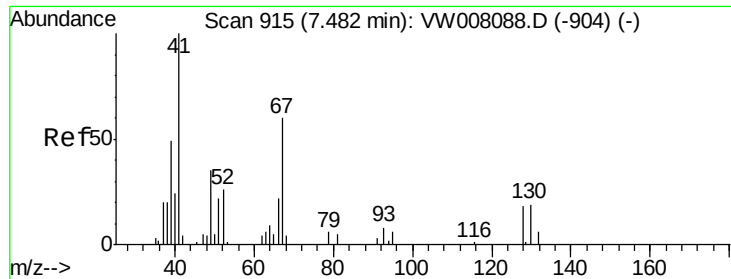
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#40
Benzene
Concen: 51.365 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	78	Resp	140735
Ion Ratio	Lower	Upper	
78	100		
77	26.7	20.2	30.4





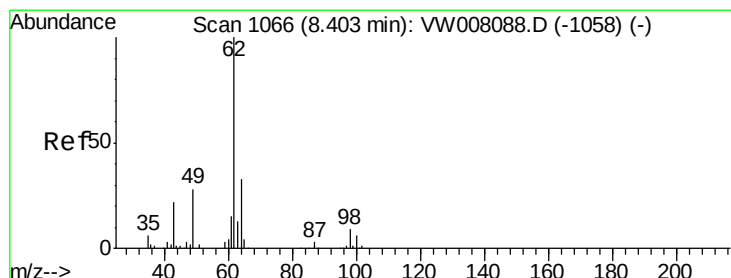
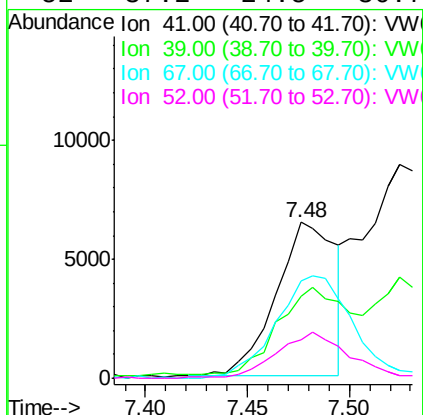
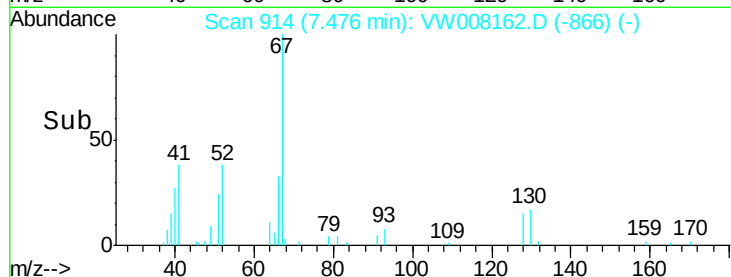
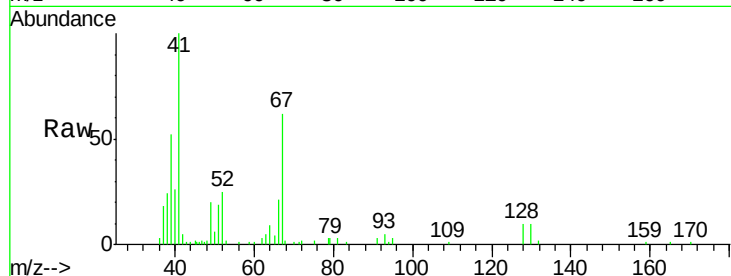
#41
Methacrylonitrile
Concen: 51.926 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.1	47.9	71.9
67	84.7	56.3	84.5#
52	37.2	24.5	36.7#

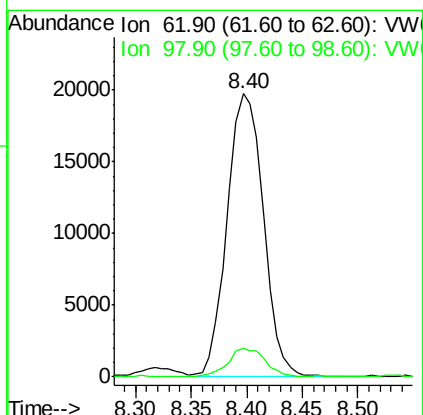
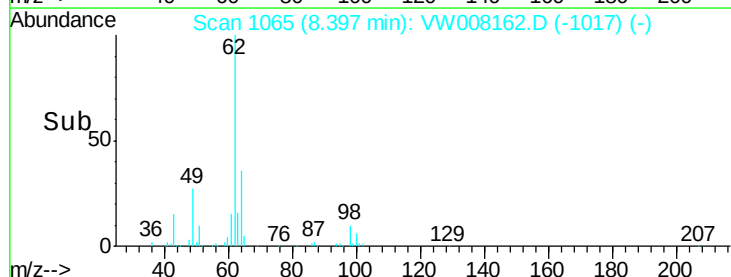
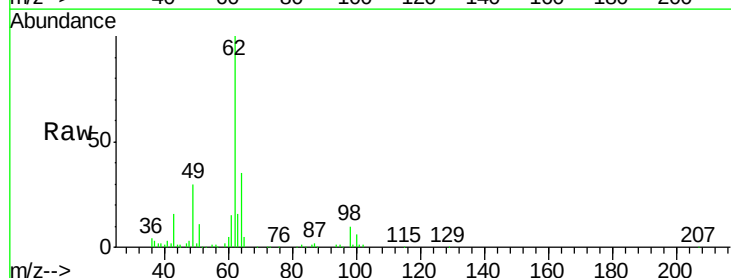
Manual Integrations
APPROVED

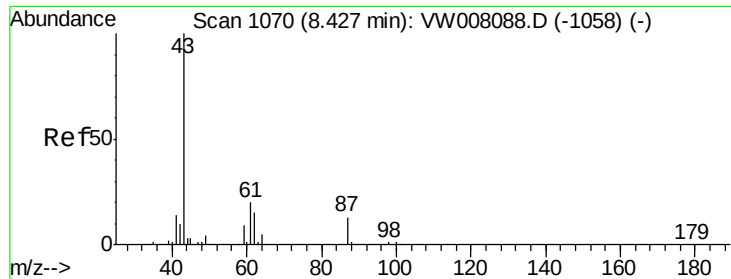
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#42
1,2-Dichloroethane
Concen: 58.119 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	18.6





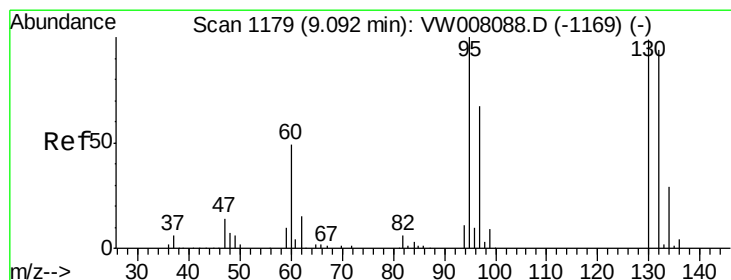
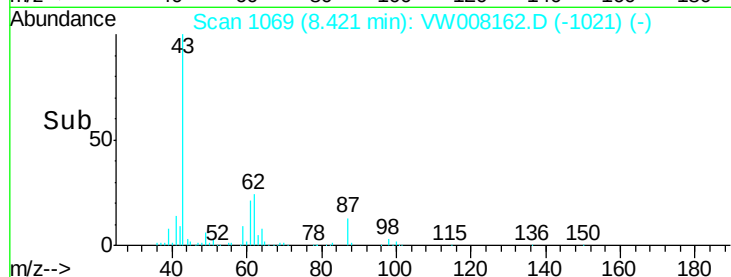
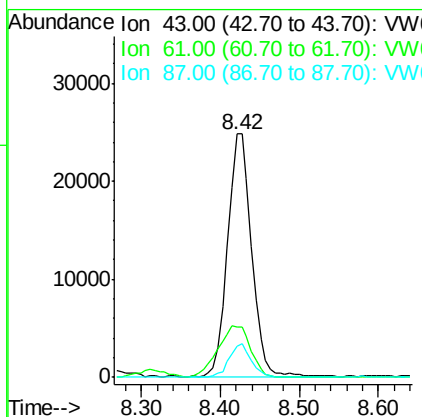
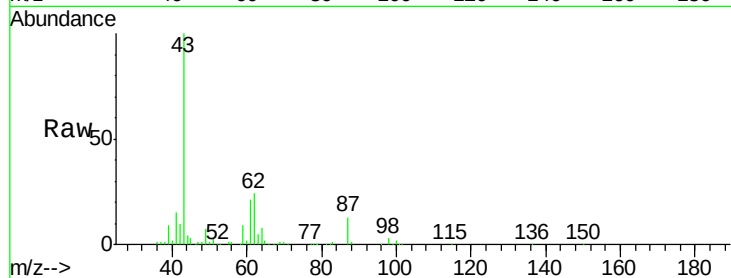
#43
Isopropyl Acetate
Concen: 65.771 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	43	Resp	53220
Ion Ratio	100	Lower	Upper
43	100		
61	28.6	24.8	37.2
87	12.5	10.4	15.6

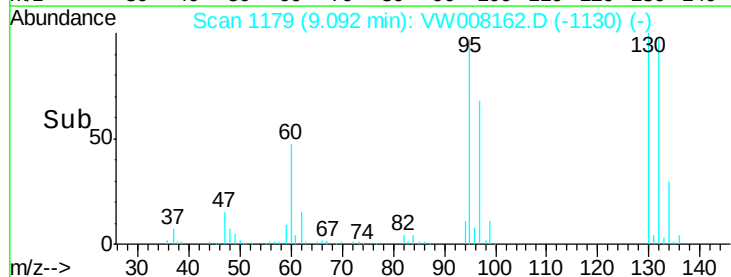
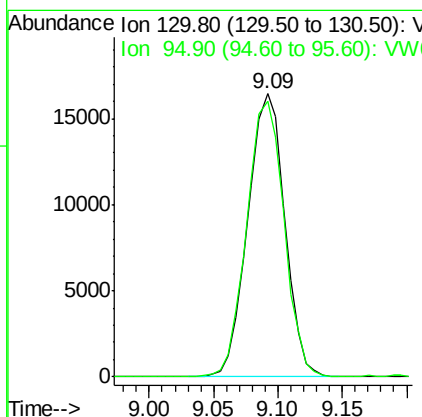
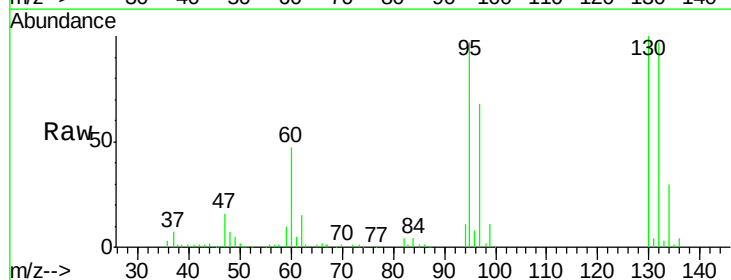
Manual Integrations
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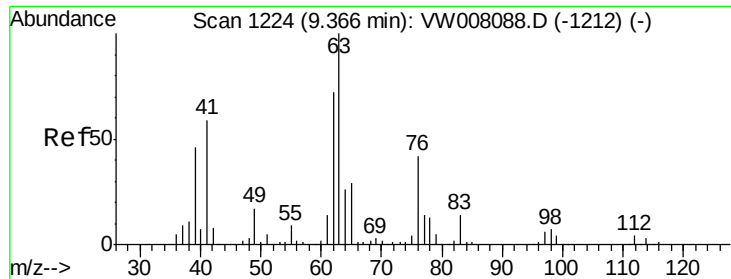
MMDadoda
1/11/2019 2:27:50 PM



#44
Trichloroethene
Concen: 46.526 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	130	Resp	32632
Ion Ratio	100	Lower	Upper
130	100		
95	97.0	0.0	202.8





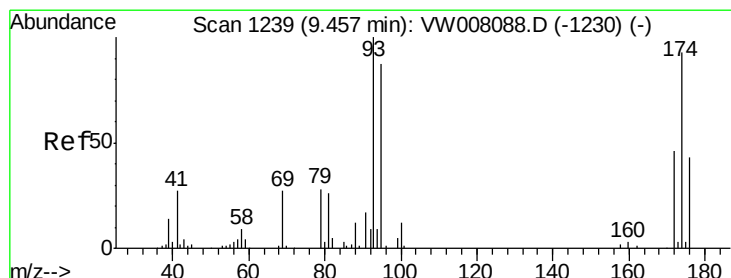
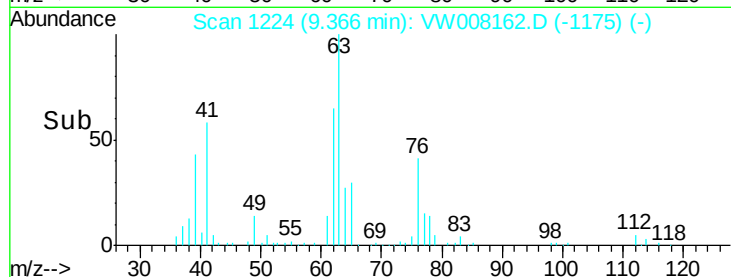
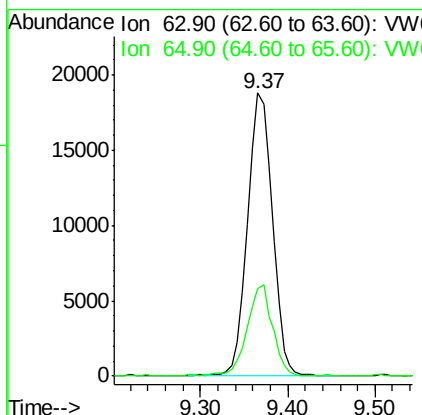
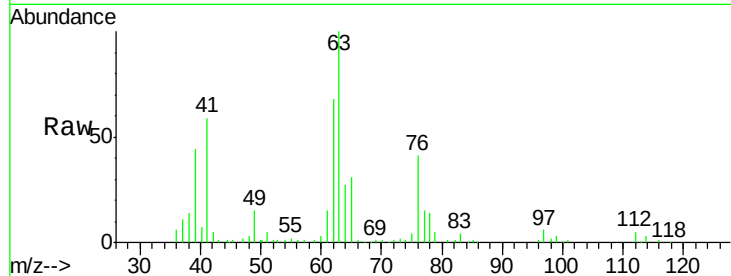
#45
 1,2-Dichloropropane
 Concen: 54.927 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion: 63 Resp: 37316
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.3 34.9

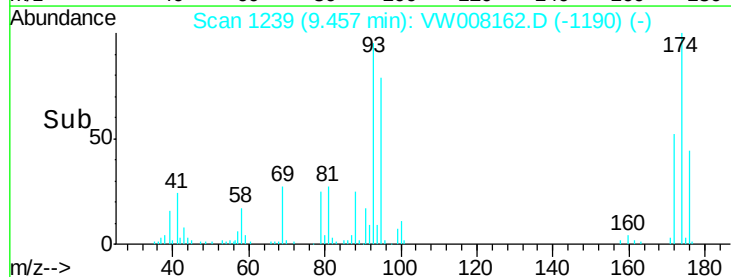
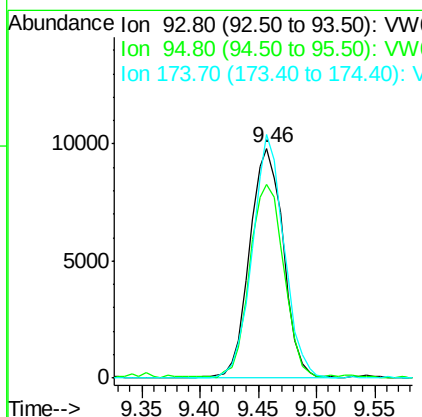
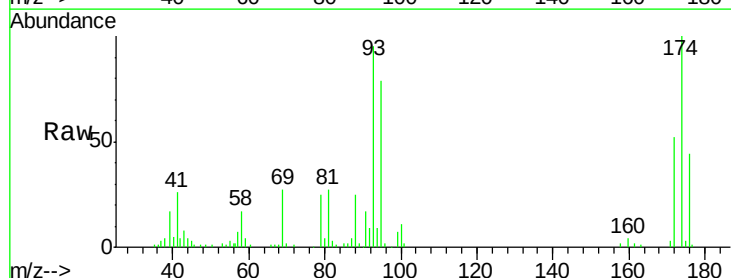
Manual Integrations
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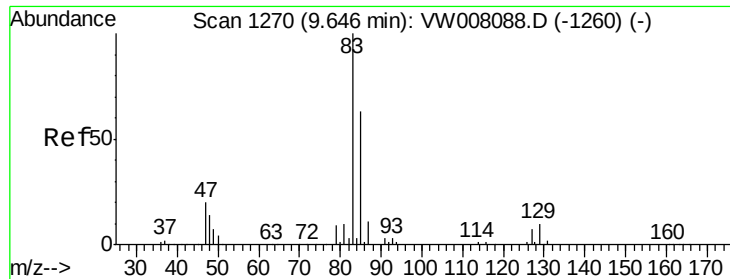
MMDadoda
 1/11/2019 2:27:50 PM



#46
 Dibromomethane
 Concen: 59.557 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion: 93 Resp: 19871
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.5 101.3
 174 99.1 72.5 108.7





#47

Bromodichloromethane

Concen: 55.511 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

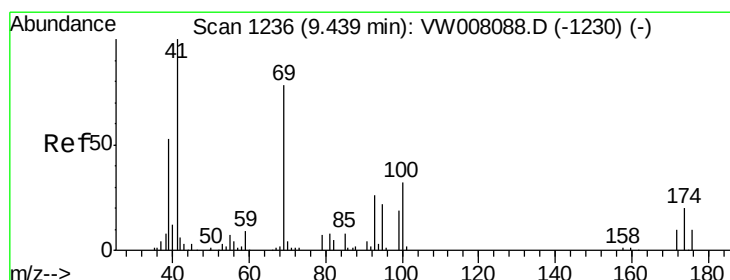
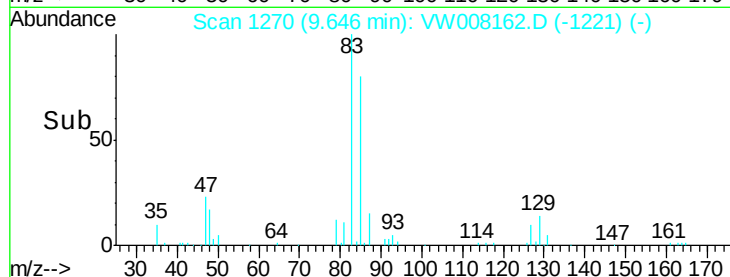
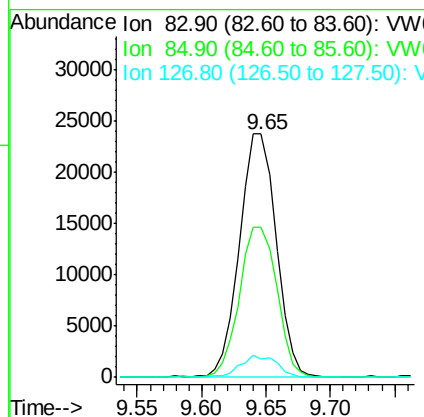
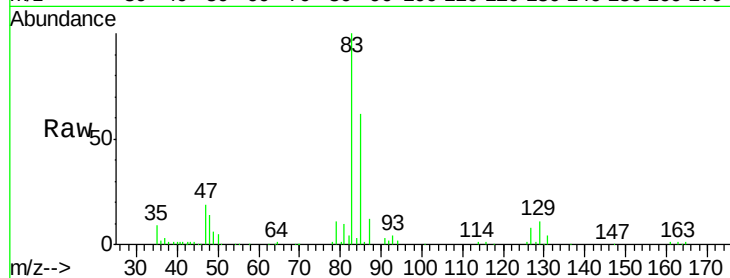
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	83	Resp:	47028
Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.7	76.1
127	7.8	6.0	9.0

Manual Integrations
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MMDadoda
1/11/2019 2:27:50 PM



#48

Methyl methacrylate

Concen: 66.349 ug/l

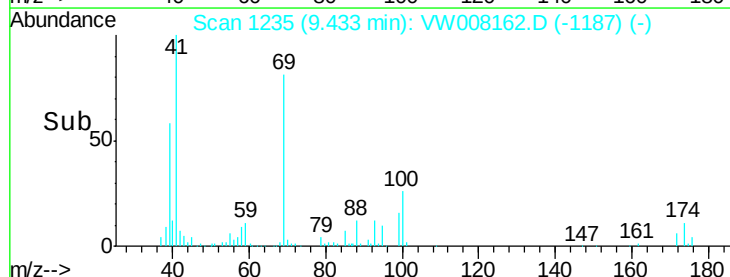
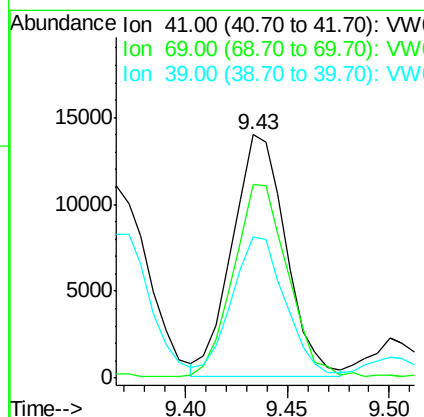
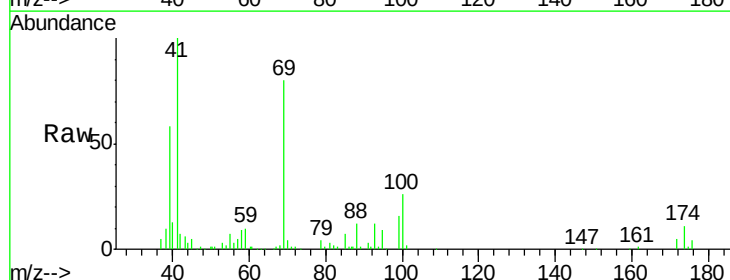
RT: 9.43 min Scan# 1235

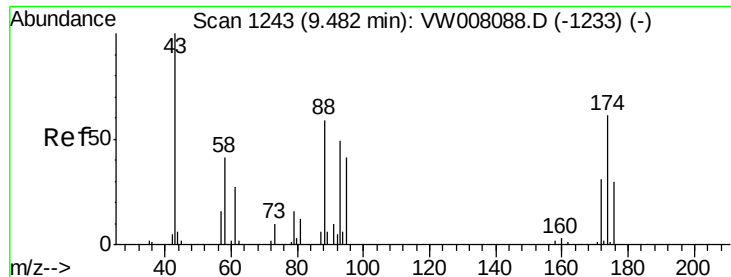
Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion:	41	Resp:	25333
Ion	Ratio	Lower	Upper
41	100		
69	81.0	61.9	92.9
39	57.6	43.0	64.4





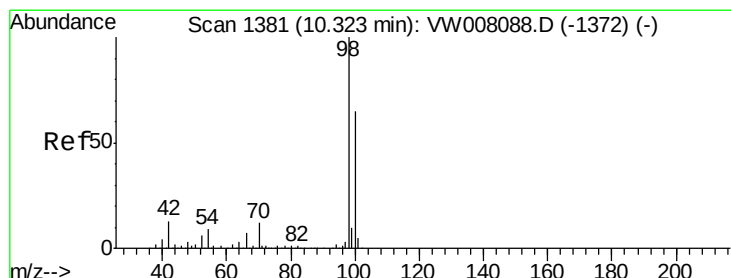
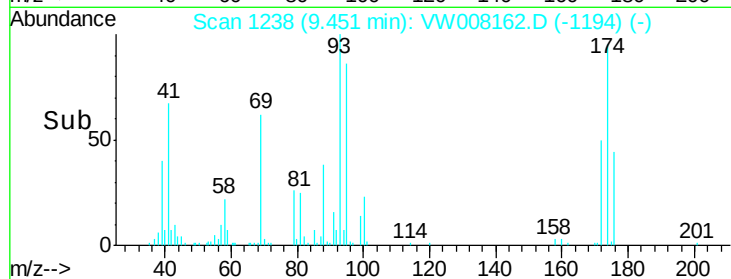
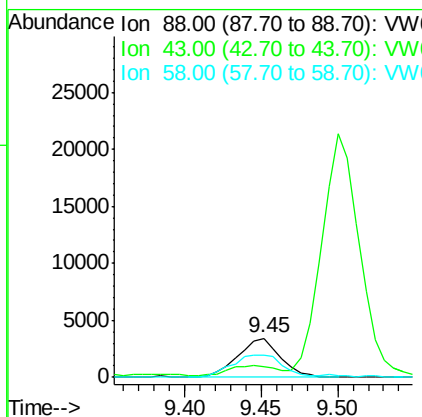
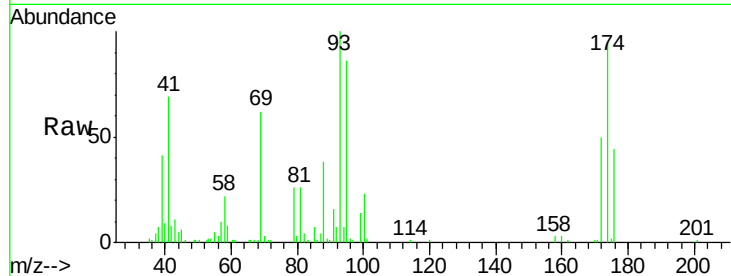
#49
1,4-Dioxane
Concen: 1230.985 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion: 88 Resp: 6605
Ion Ratio Lower Upper
88 100
43 30.4 0.0 0.0#
58 71.3 61.7 92.5

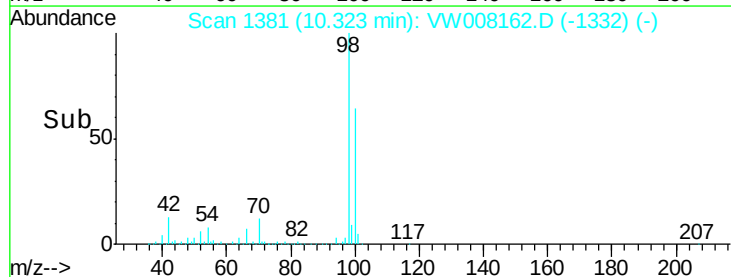
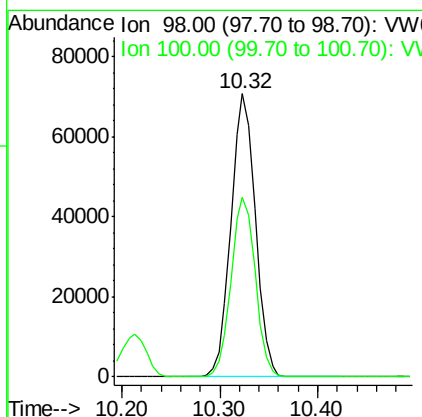
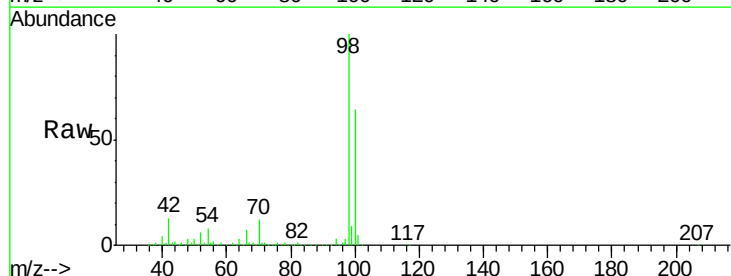
Manual Integrations
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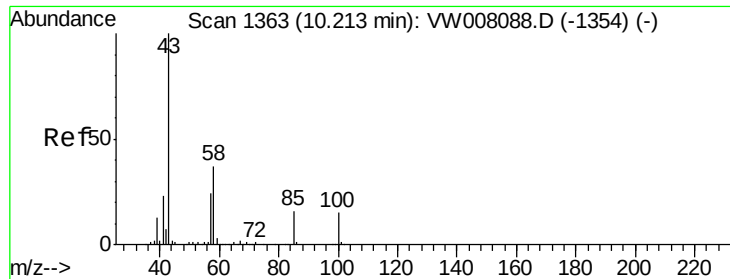
MMDadoda
1/11/2019 2:27:50 PM



#50
Toluene-d8
Concen: 51.047 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion: 98 Resp: 122521
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 334.989 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion: 43 Resp: 131209

Ion Ratio Lower Upper

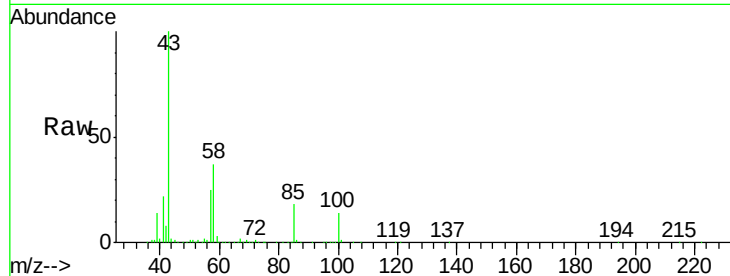
43 100

58 37.4 30.6 46.0

Manual Integrations
APPROVED

MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

80000

60000

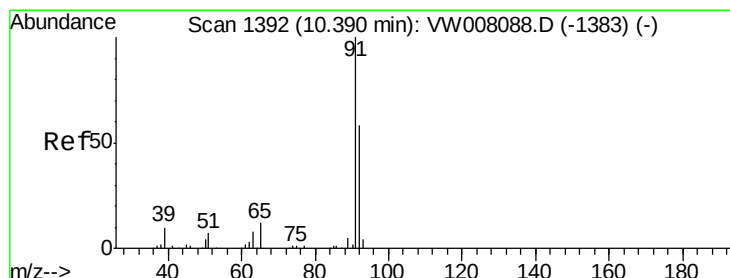
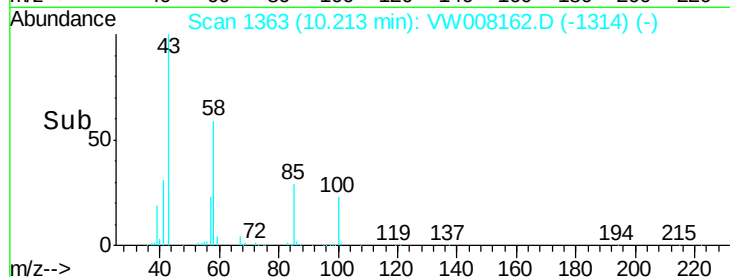
40000

20000

0

10.10 10.20 10.30

Time-->



#52

Toluene

Concen: 44.775 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008162.D

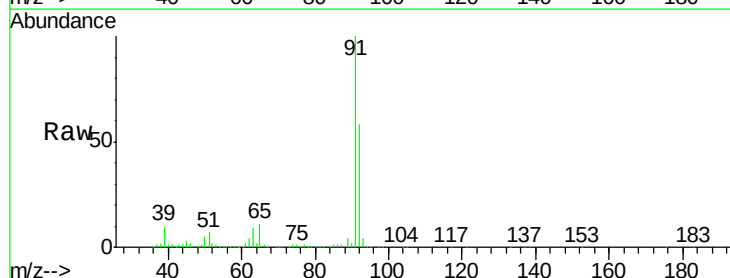
Acq: 10 Jan 2019 21:13

Tgt Ion: 92 Resp: 78347

Ion Ratio Lower Upper

92 100

91 174.7 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

80000

60000

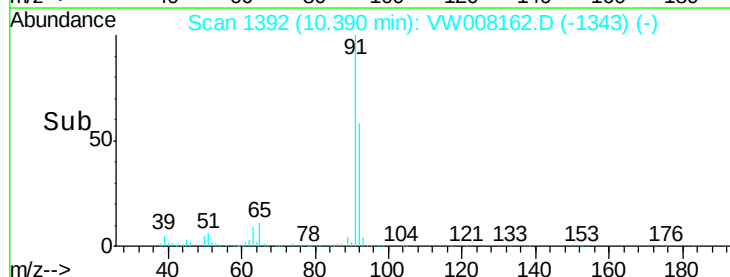
40000

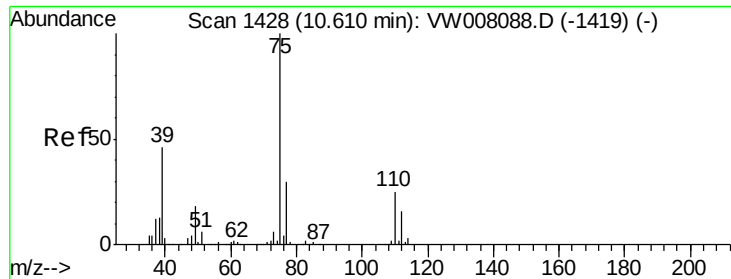
20000

0

10.30 10.40

Time-->





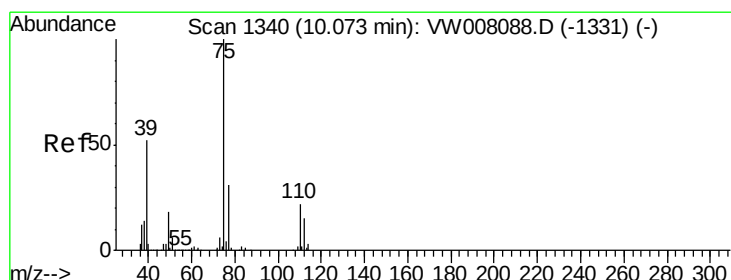
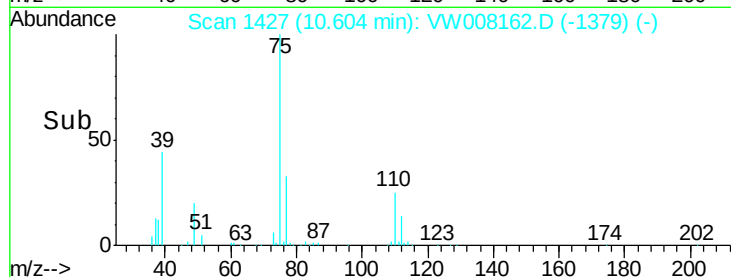
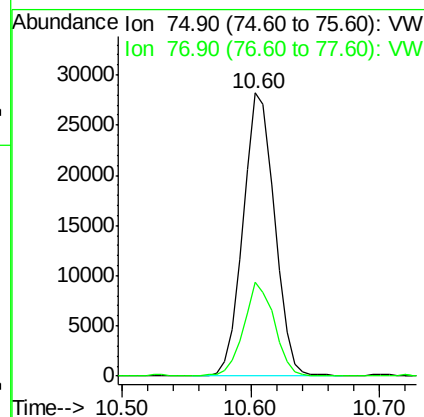
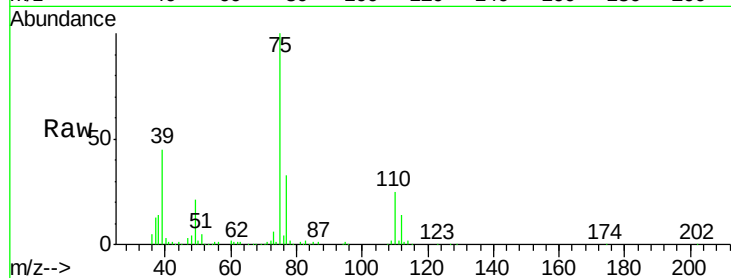
#53
t-1,3-Dichloropropene
Concen: 54.028 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.4	36.6

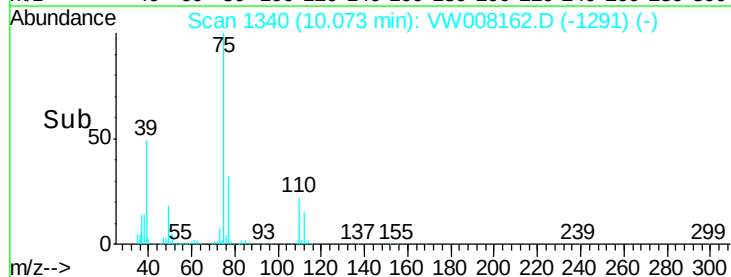
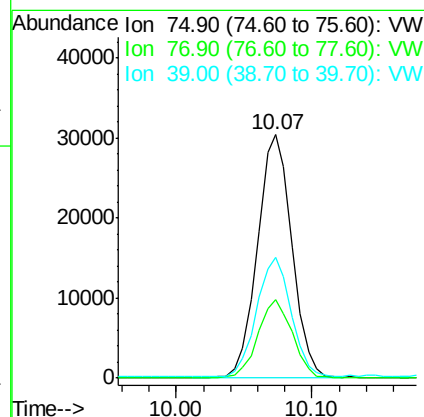
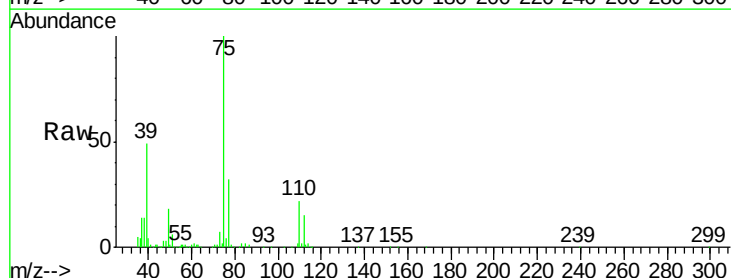
Manual Integrations
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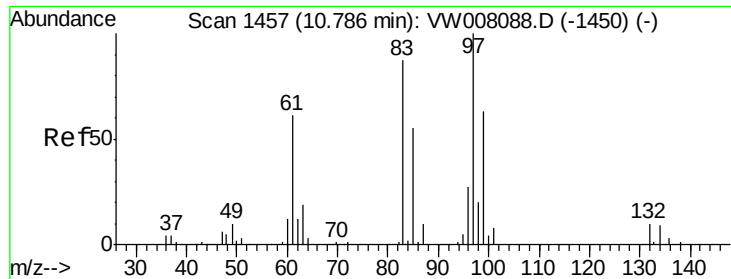
MMDadoda
1/11/2019 2:27:50 PM



#54
cis-1,3-Dichloropropene
Concen: 51.671 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.2	37.8
39	48.9	41.4	62.0





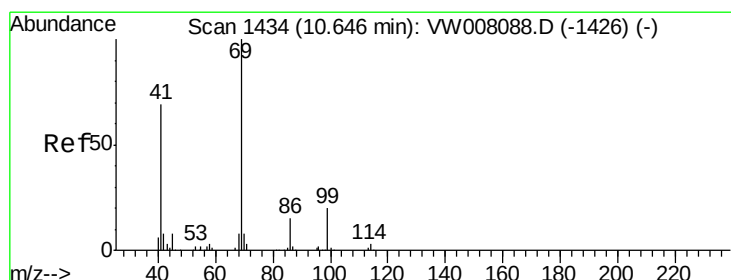
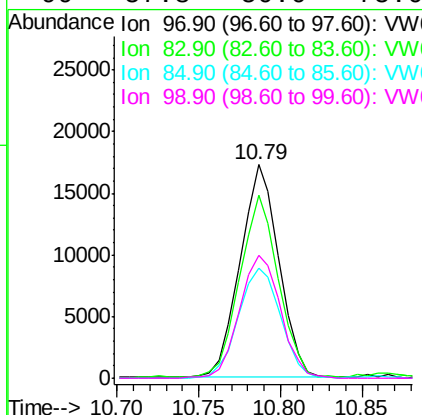
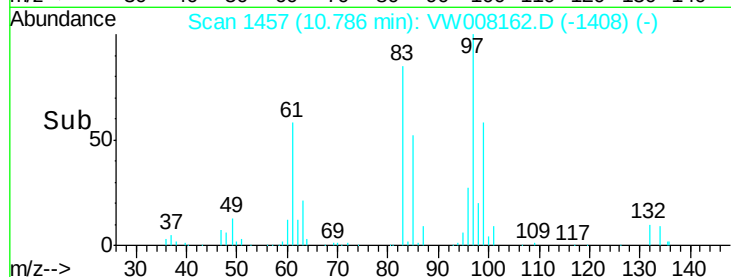
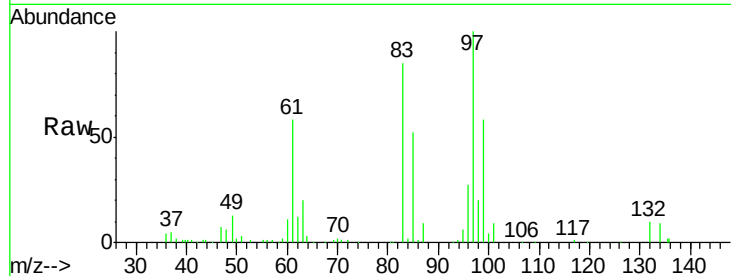
#55
 1,1,2-Trichloroethane
 Concen: 60.926 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion:	97	Resp:	28540
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.3	103.9
85	51.8	43.8	65.6
99	57.8	50.0	75.0

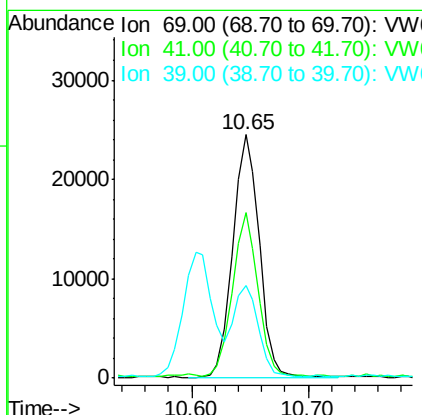
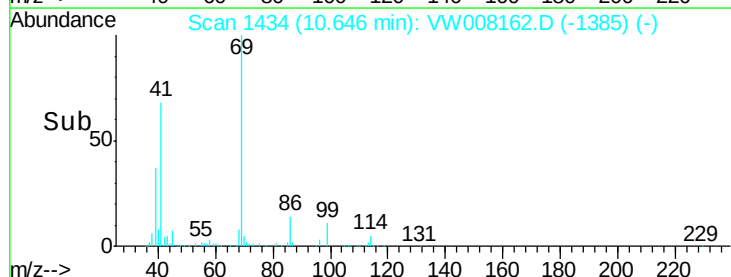
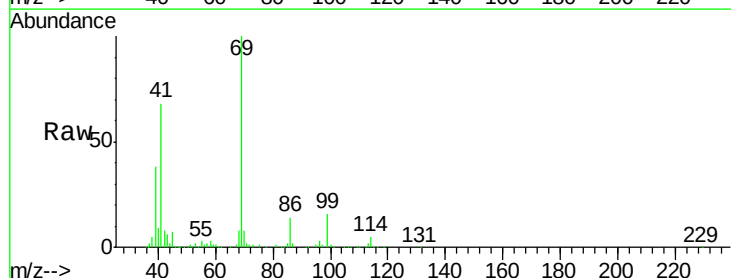
Manual Integrations
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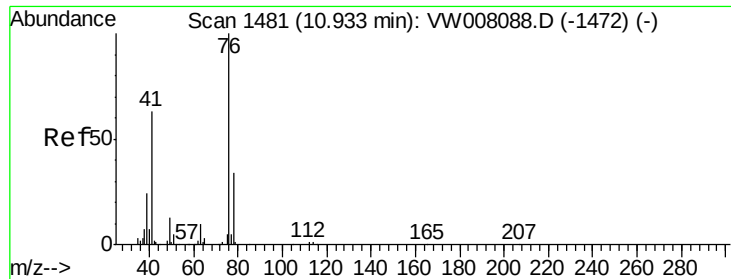
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 1/11/2019 2:27:50 PM



#56
 Ethyl methacrylate
 Concen: 67.474 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion:	69	Resp:	39143
Ion	Ratio	Lower	Upper
69	100		
41	64.6	56.4	84.6
39	34.8	28.1	42.1





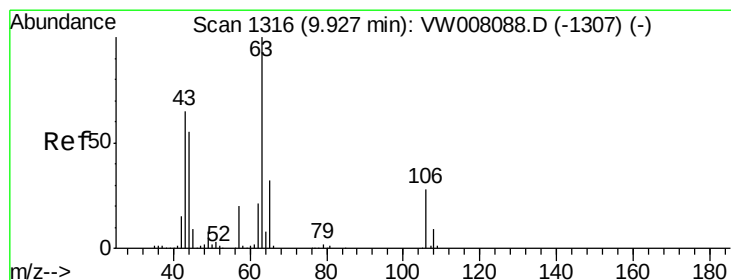
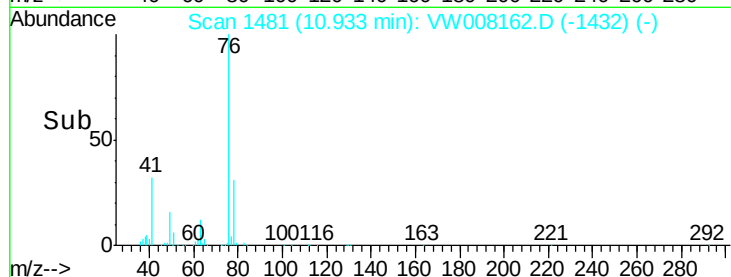
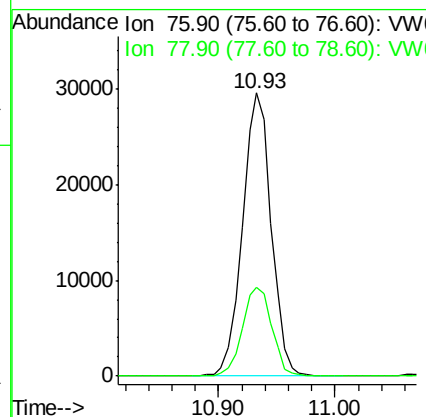
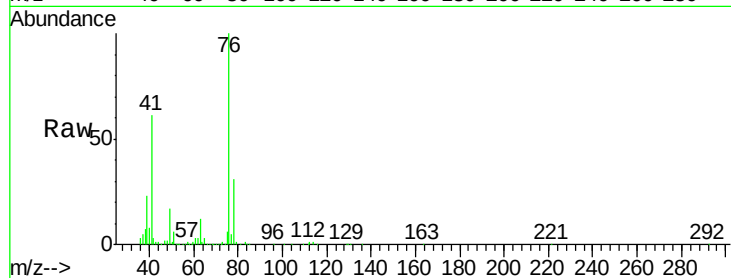
#57
 1,3-Dichloropropane
 Concen: 59.319 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion	76	Resp	50819
Ion Ratio	Lower	Upper	
76	100		
78	32.2	25.7	38.5

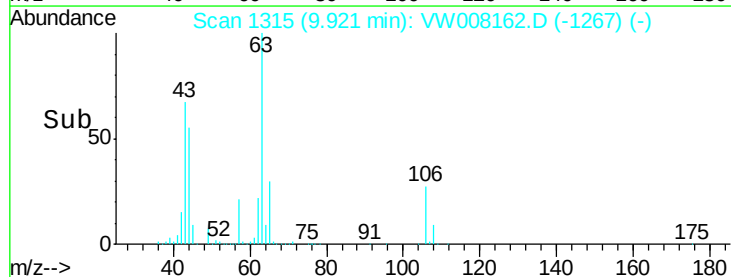
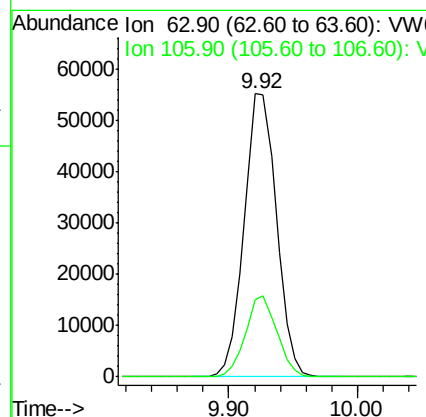
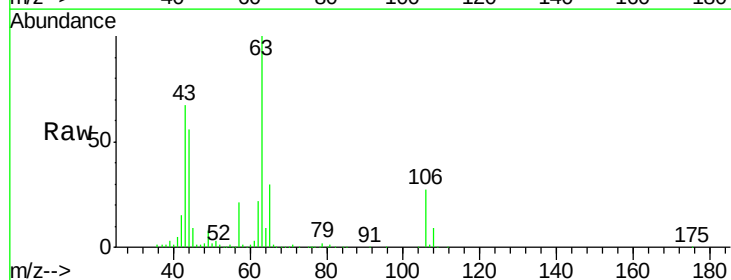
Manual Integrations
 APPROVED

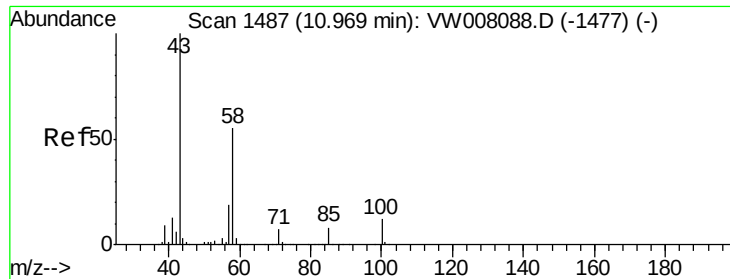
MMDadoda
 1/11/2019 2:27:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 319.539 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion	63	Resp	95753
Ion Ratio	Lower	Upper	
63	100		
106	27.9	21.8	32.6





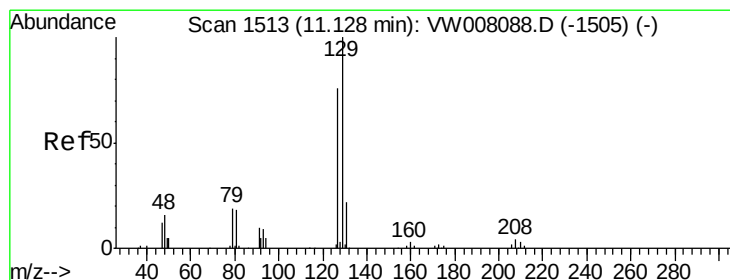
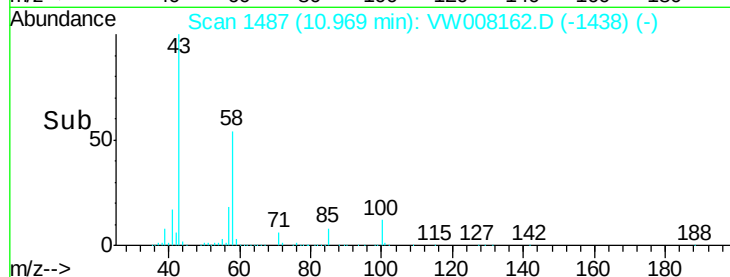
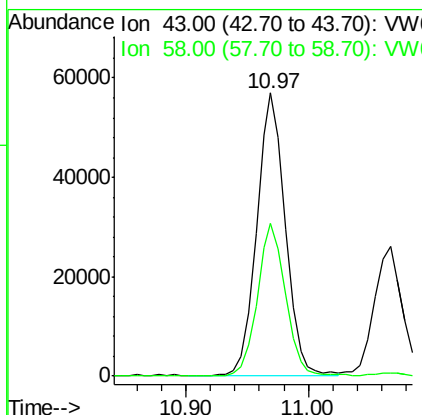
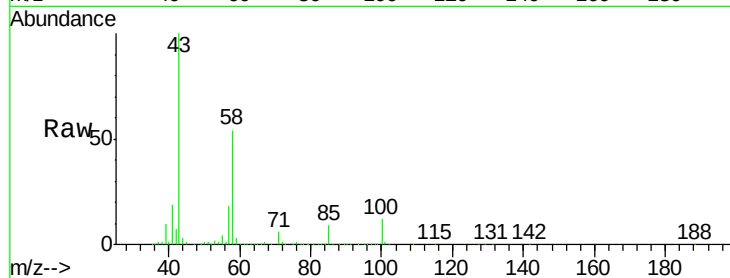
#59
2-Hexanone
Concen: 350.907 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion: 43 Resp: 92946
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5

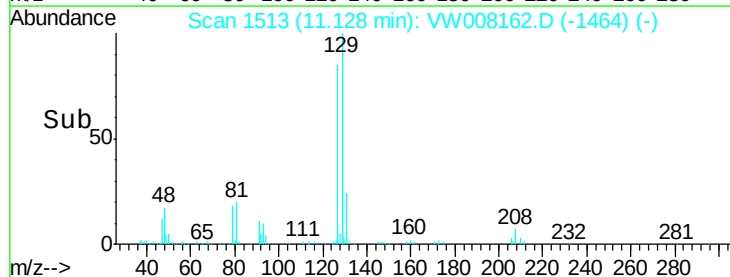
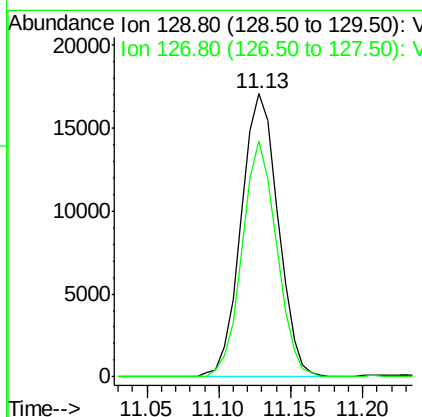
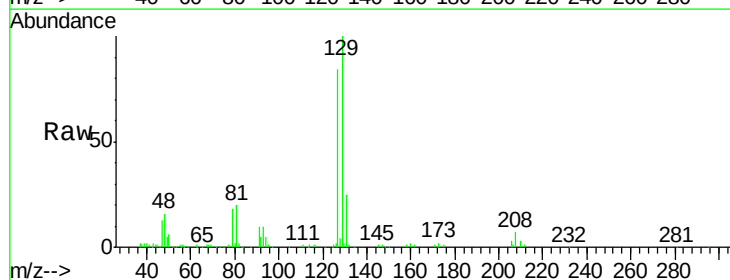
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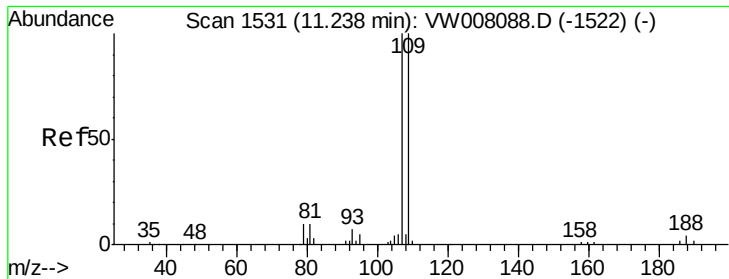
MMDadoda
1/11/2019 2:27:50 PM



#60
Dibromochloromethane
Concen: 59.029 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion: 129 Resp: 30364
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 60.792 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:107 Resp: 27021

Ion Ratio Lower Upper

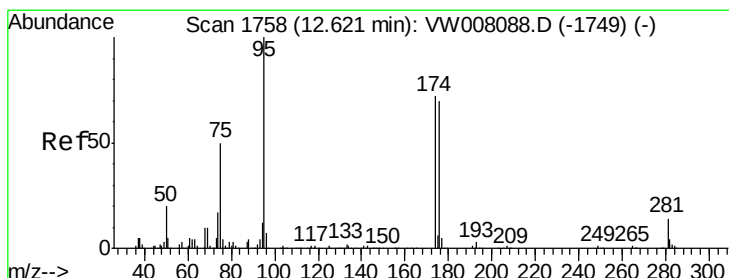
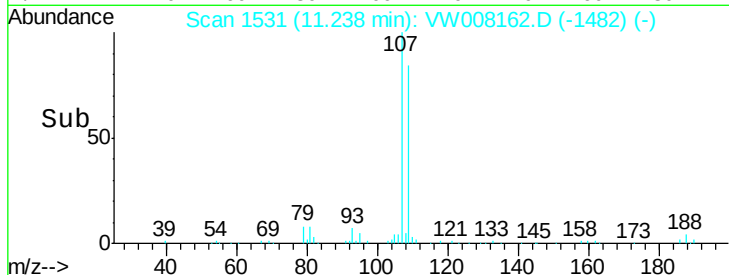
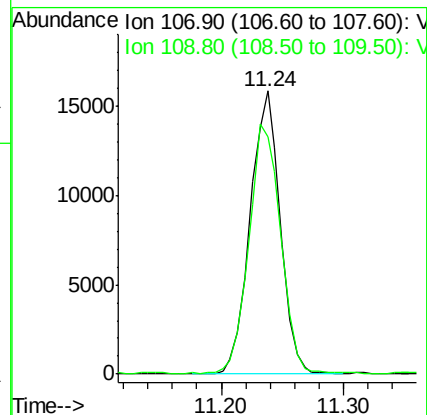
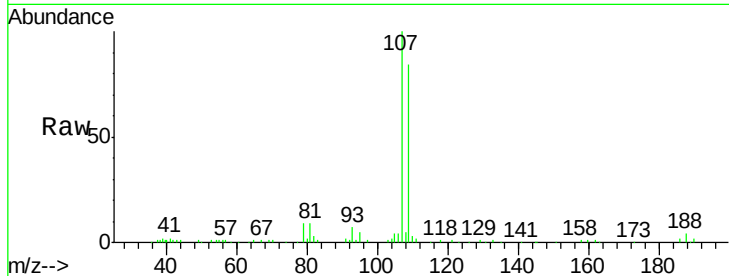
107 100

109 94.3 75.9 113.9

Manual Integrations
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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 44.224 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

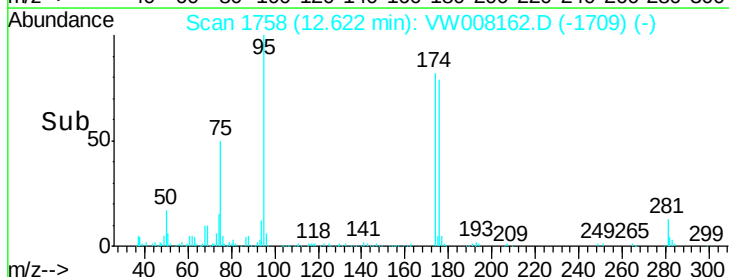
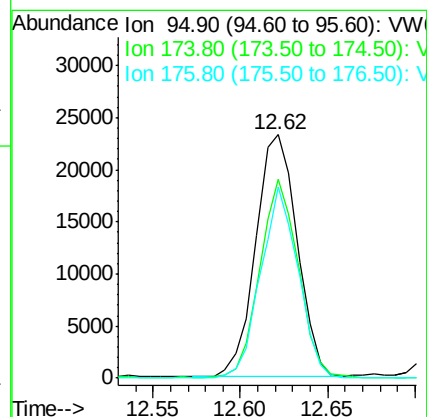
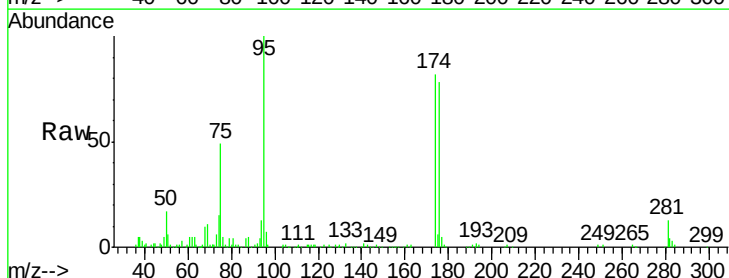
Tgt Ion: 95 Resp: 38053

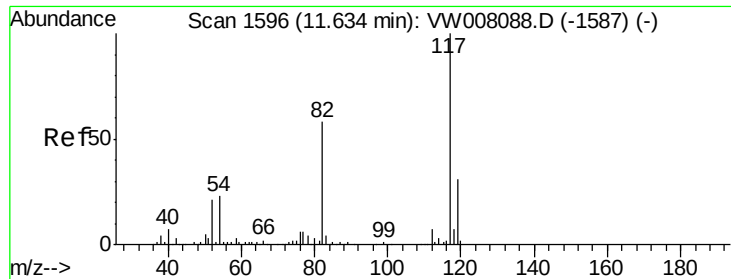
Ion Ratio Lower Upper

95 100

174 77.1 0.0 143.0

176 71.7 0.0 140.2





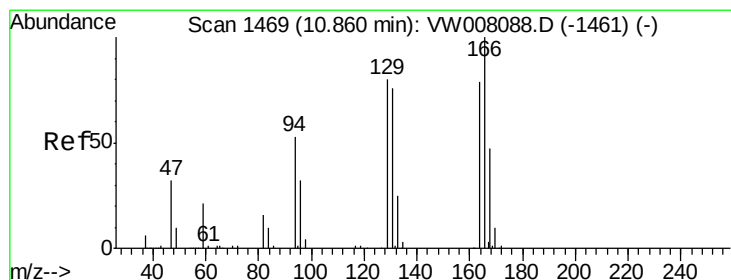
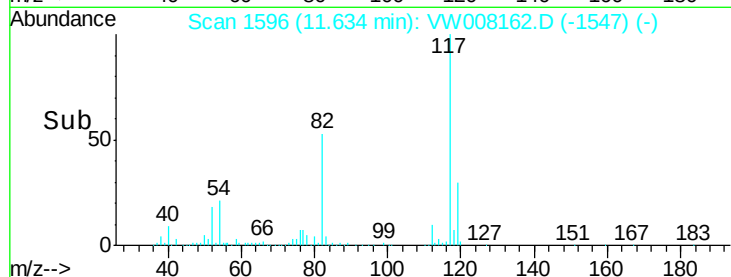
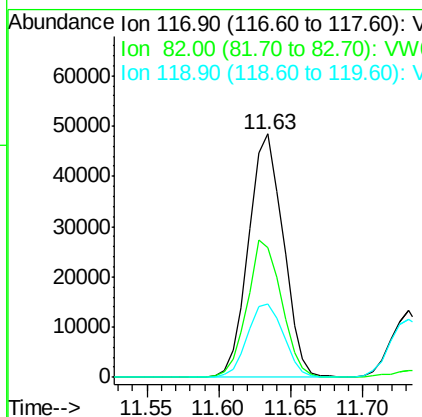
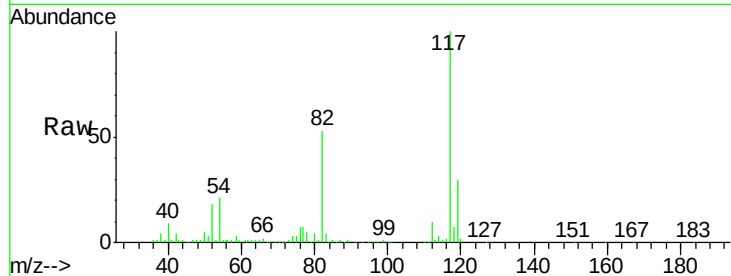
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	46.4	69.6
119	30.2	24.7	37.1

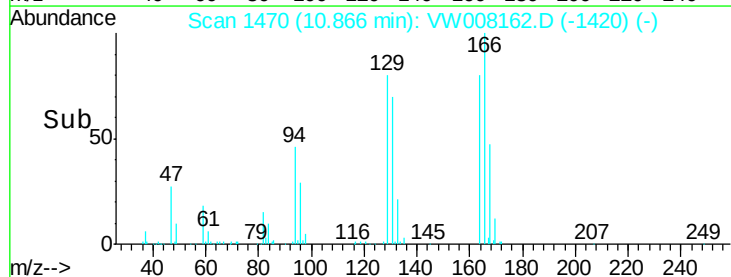
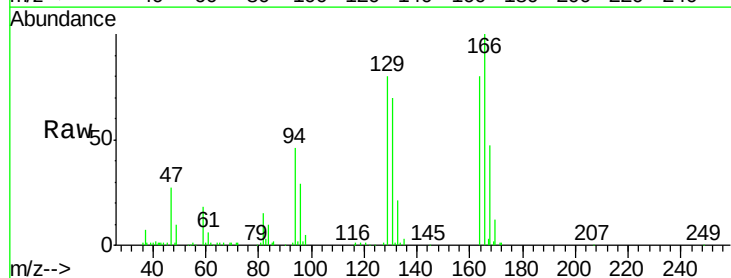
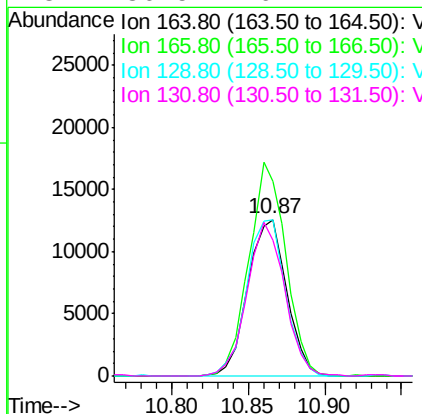
Manual Integrations
APPROVED

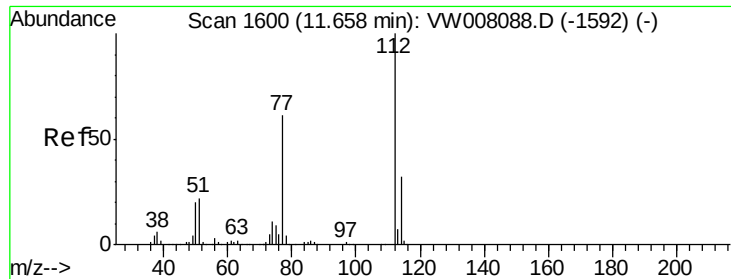
MMDadoda
1/11/2019 2:27:50 PM



#64
Tetrachloroethene
Concen: 42.391 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	100.7	151.1
129	99.5	81.0	121.4
131	86.5	76.1	114.1





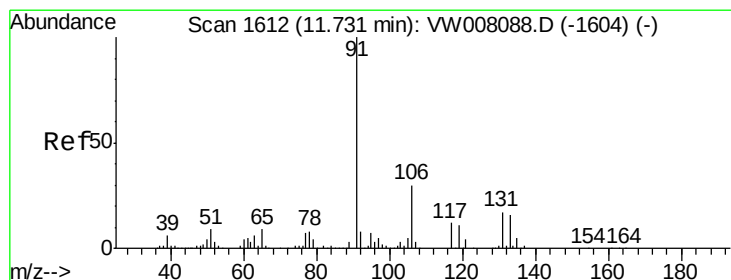
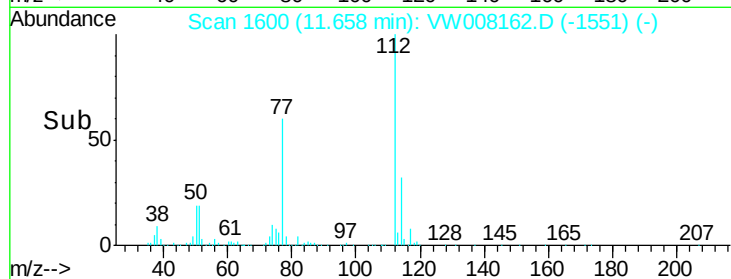
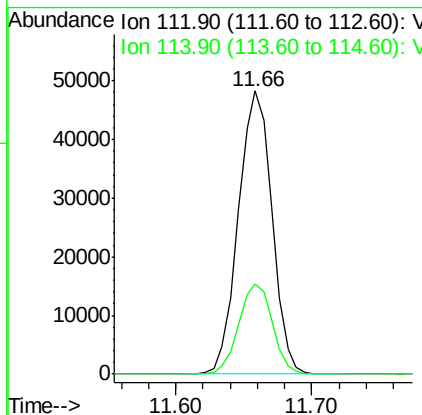
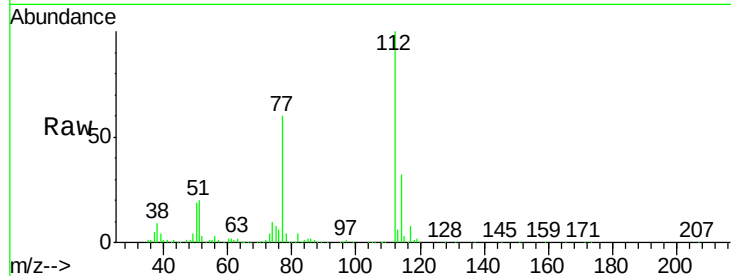
#65
Chlorobenzene
Concen: 48.755 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.6	38.4

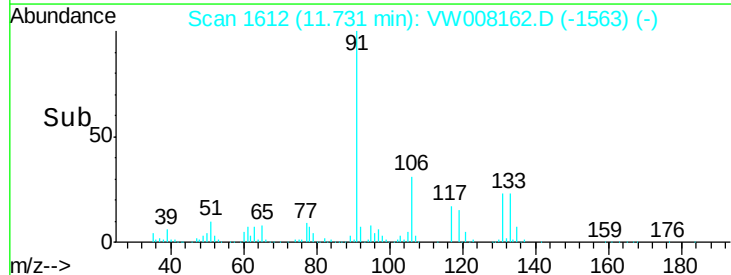
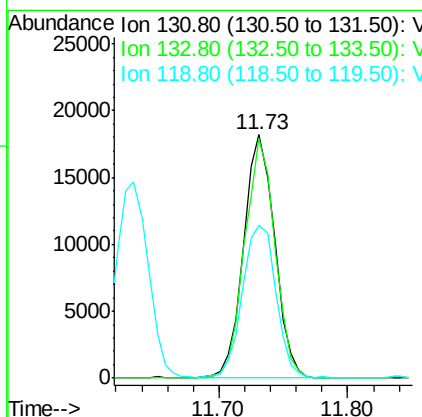
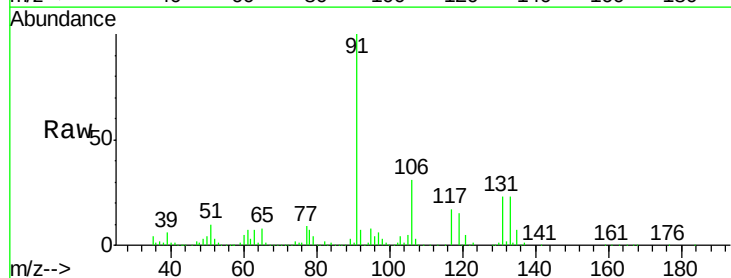
Manual Integrations
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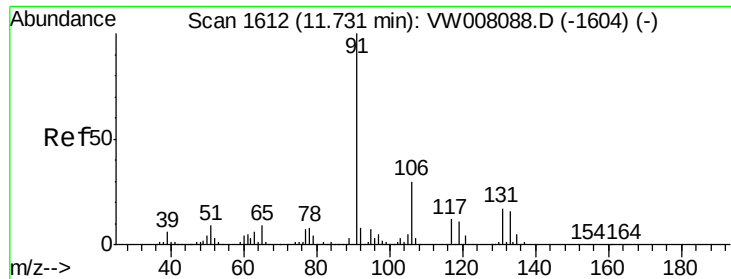
MMDadoda
1/11/2019 2:27:50 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.611 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.9	143.7
119	67.8	32.5	97.4





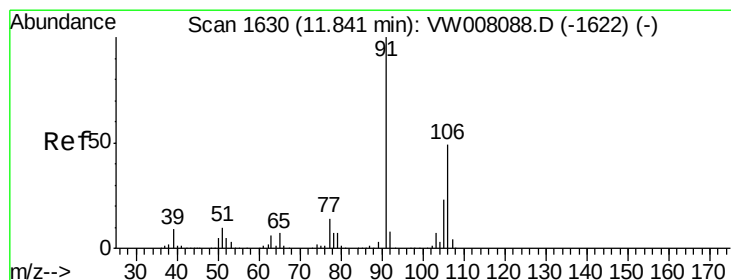
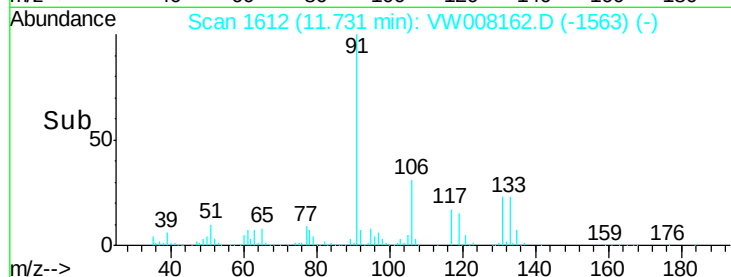
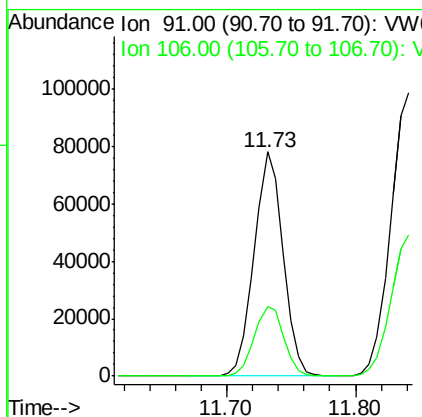
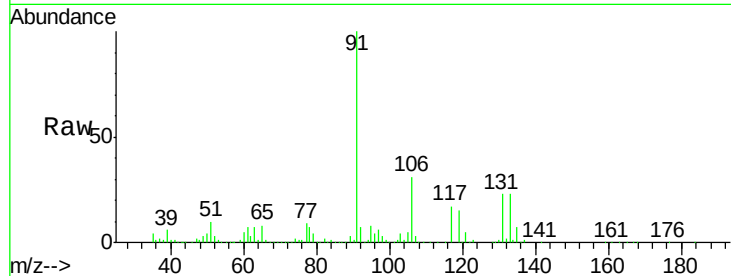
#67
Ethyl Benzene
Concen: 38.408 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion: 91 Resp: 120224
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

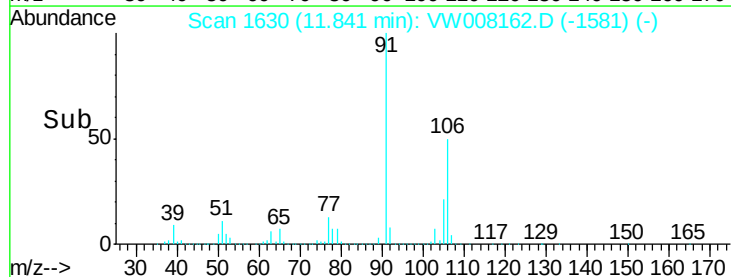
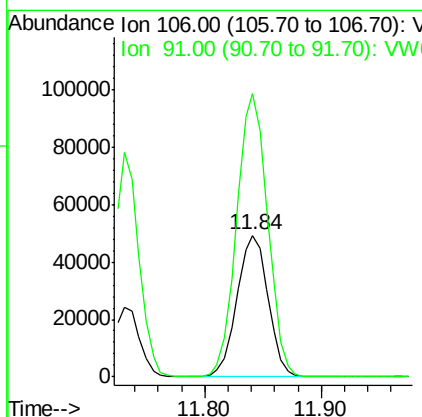
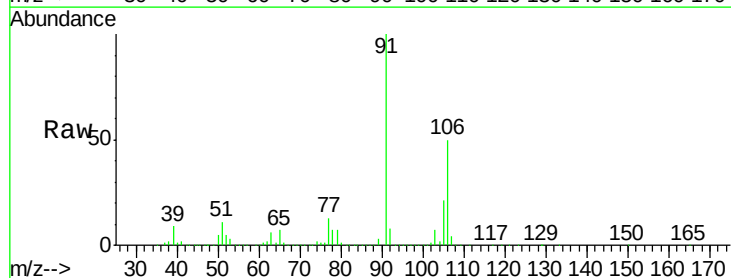
Manual Integrations
APPROVED

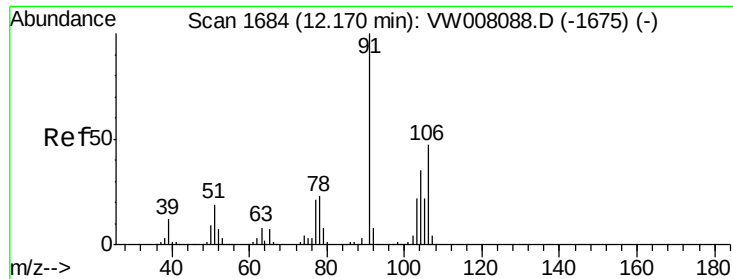
MMDadoda
1/11/2019 2:27:50 PM



#68
m/p-Xylenes
Concen: 76.981 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion: 106 Resp: 91974
Ion Ratio Lower Upper
106 100
91 198.3 162.4 243.6





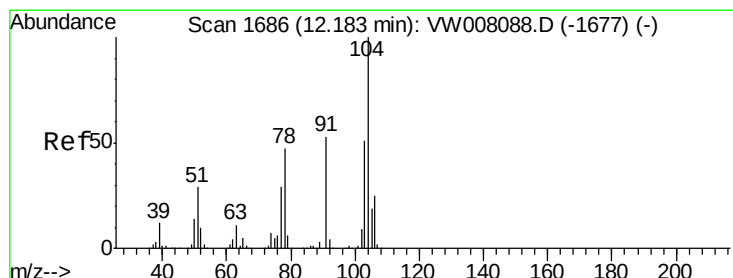
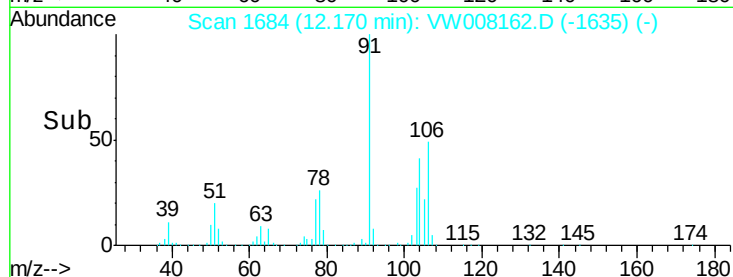
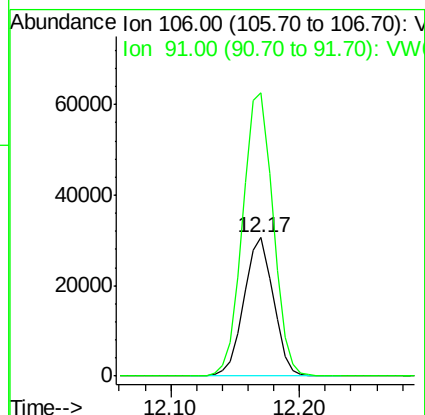
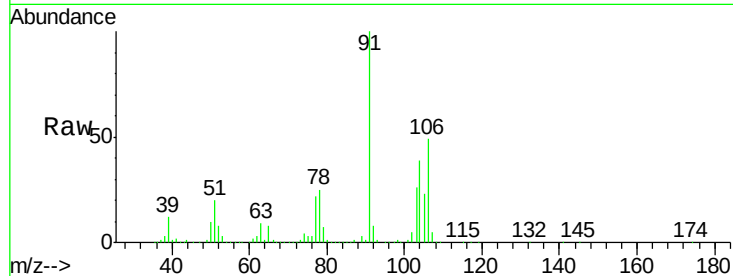
#69
o-Xylene
Concen: 43.804 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		48465		
91	210.0	107.8	323.6		

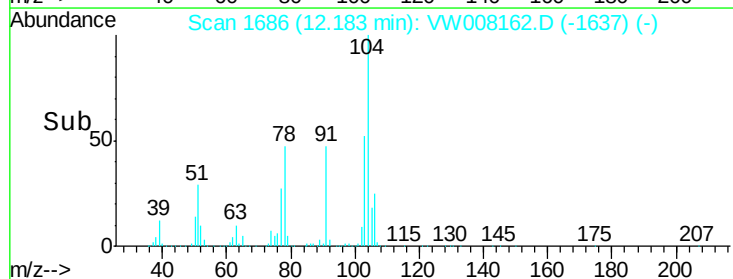
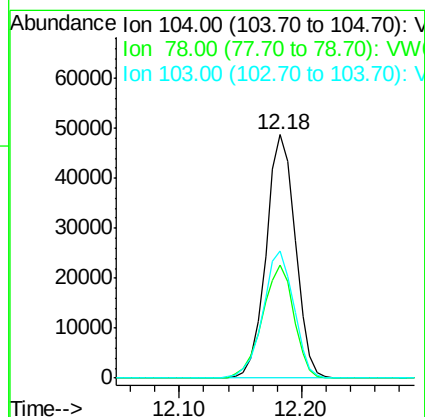
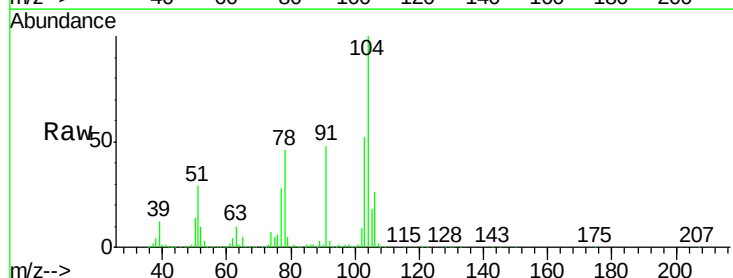
Manual Integrations
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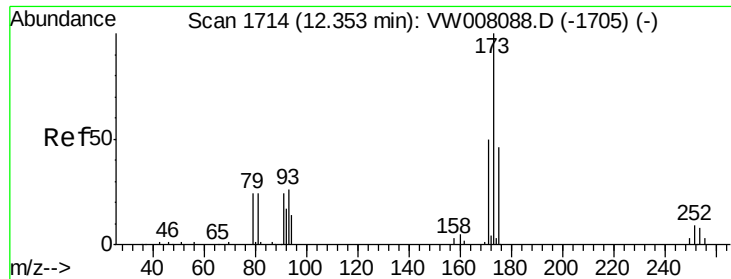
MMDadoda
1/11/2019 2:27:50 PM



#70
Styrene
Concen: 46.765 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		81042		
78	50.1	41.8	62.8		
103	55.3	43.8	65.8		





#71

Bromoform

Concen: 62.708 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

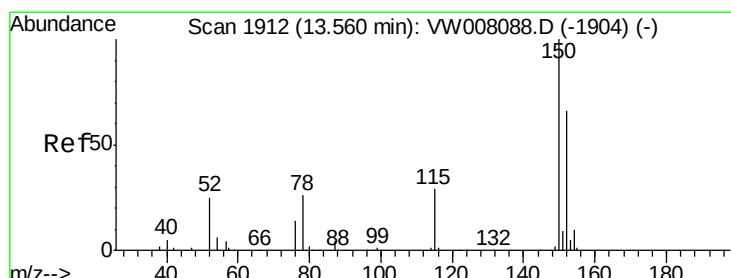
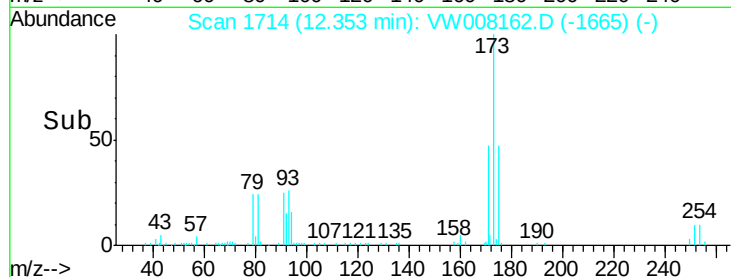
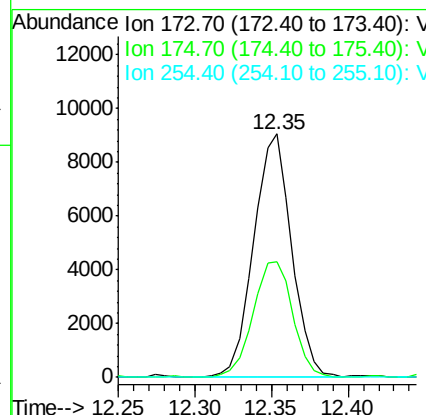
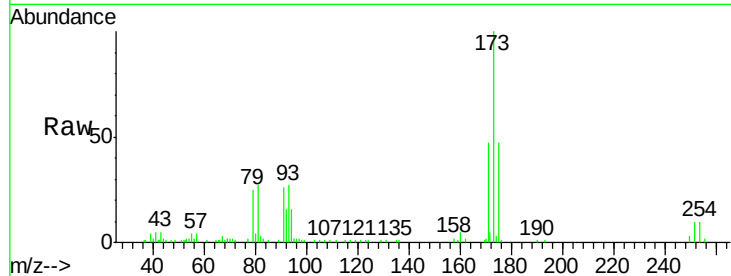
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	173	Resp:	15616
Ion Ratio	Lower	Upper	
173	100		
175	49.5	23.3	69.8
254	0.0	0.0	0.0

Manual Integrations
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1/11/2019 2:27:50 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

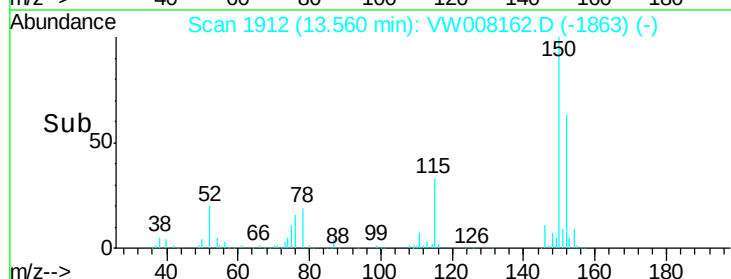
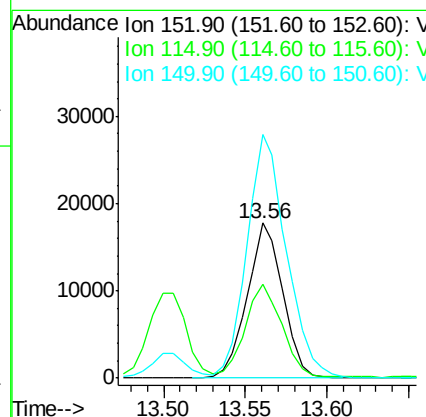
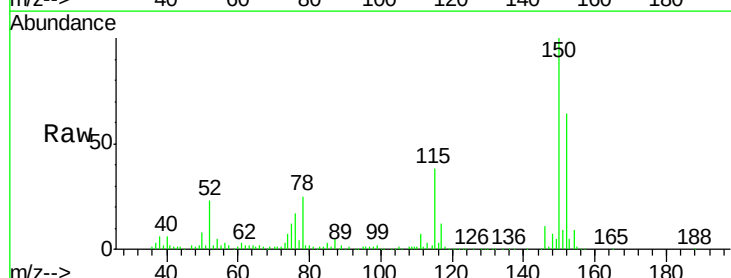
RT: 13.56 min Scan# 1912

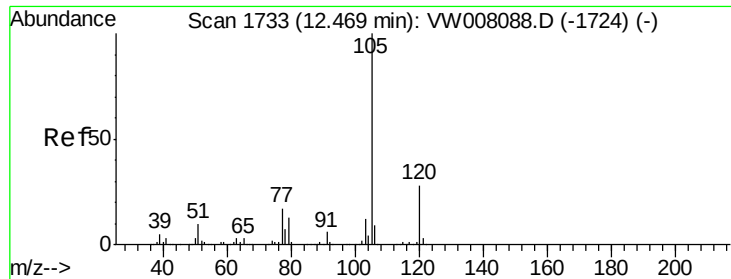
Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion:	152	Resp:	27062
Ion Ratio	Lower	Upper	
152	100		
115	60.4	30.8	92.4
150	173.0	0.0	350.2





#73

Isopropylbenzene

Concen: 49.371 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:105 Resp: 104894

Ion Ratio Lower Upper

105 100

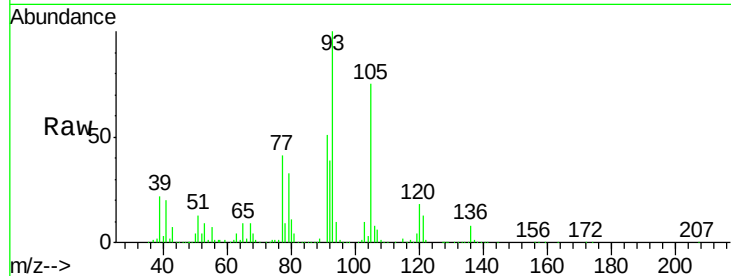
120 23.4 13.6 40.8

Manual Integrations

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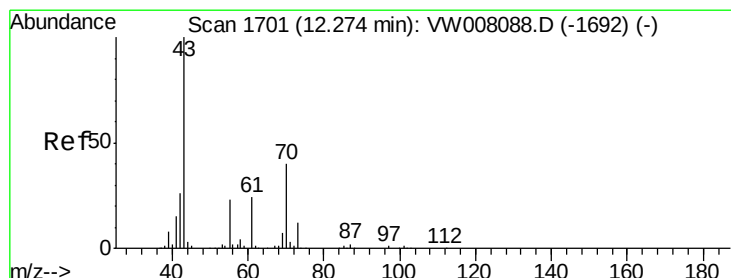
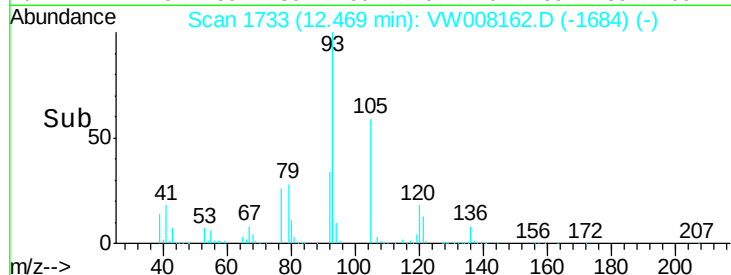
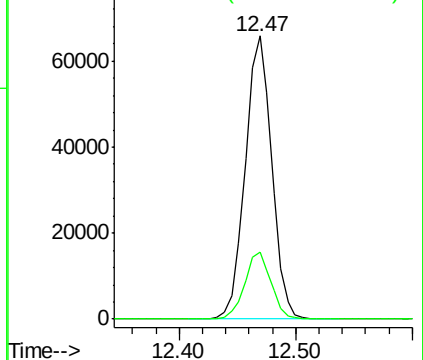
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 92.889 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion: 43 Resp: 43705

Ion Ratio Lower Upper

43 100

70 41.4 32.4 48.6

55 24.2 18.7 28.1

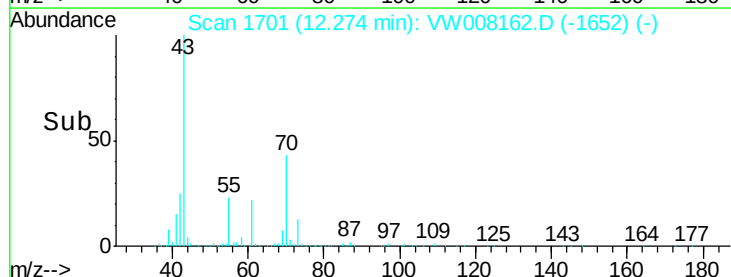
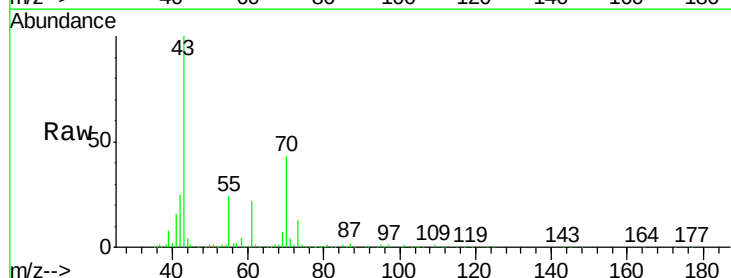
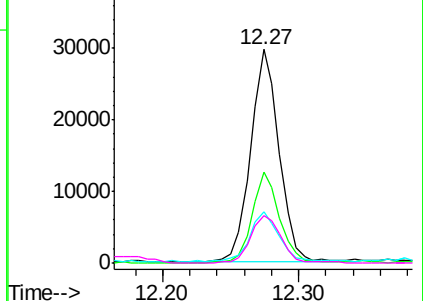
61 24.1 19.0 28.6

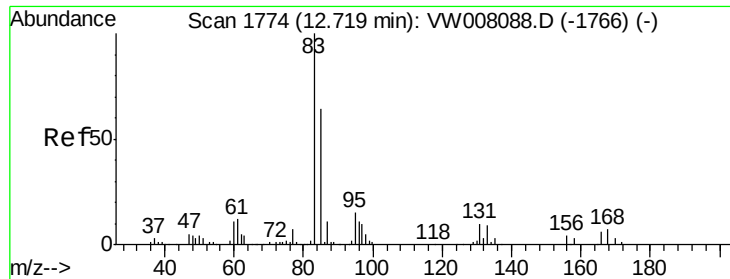
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 94.767 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

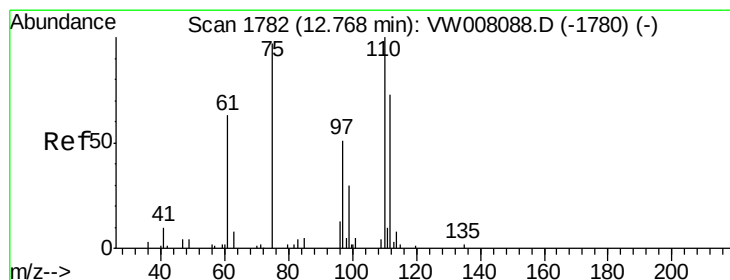
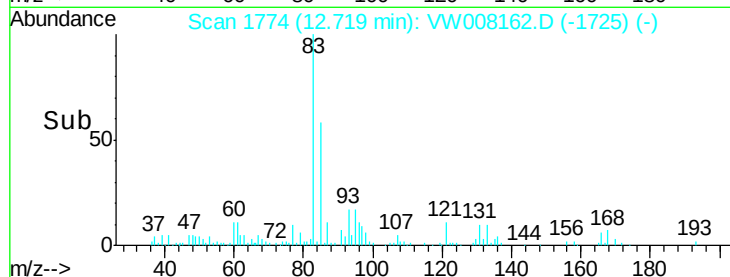
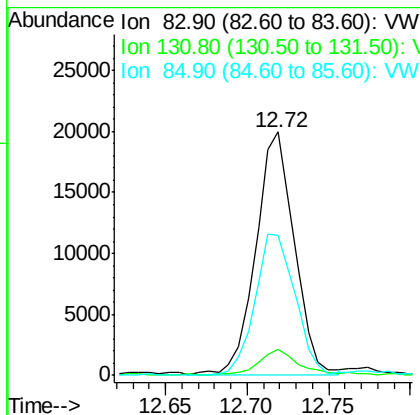
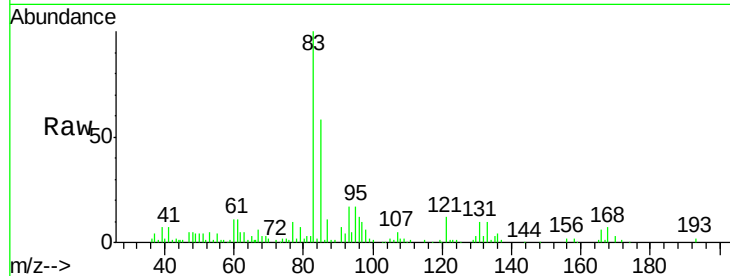
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	83	Resp:	32228
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.3	16.1
85	61.6	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 91.358 ug/l m

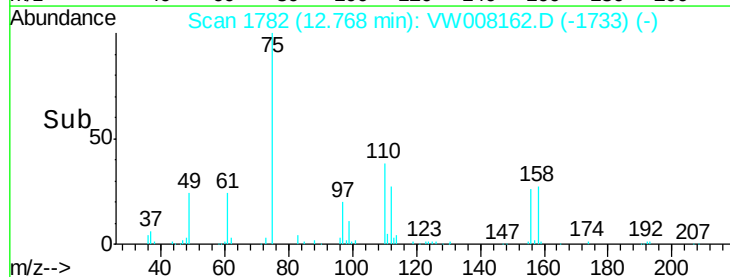
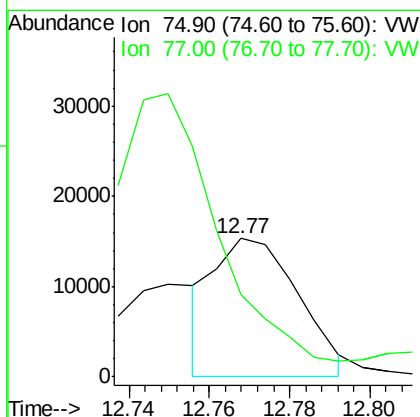
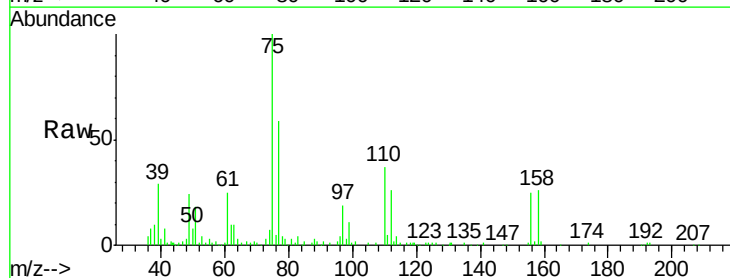
RT: 12.77 min Scan# 1782

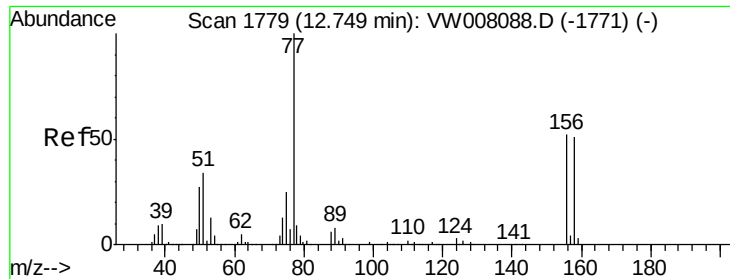
Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion:	75	Resp:	22538
Ion	Ratio	Lower	Upper
75	100		
77	274.4	179.4	538.2





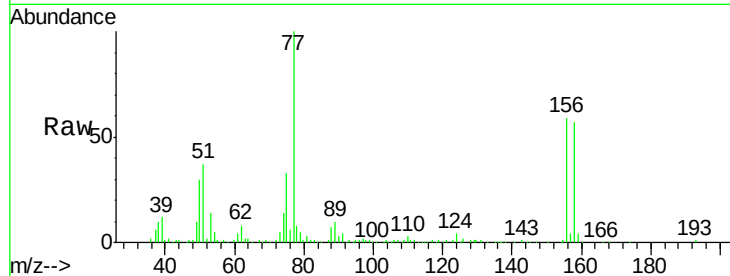
#77
Bromobenzene
Concen: 66.084 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

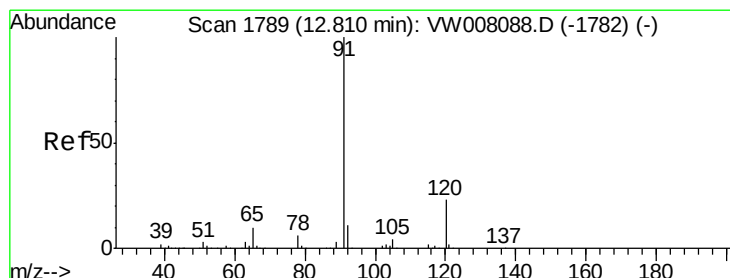
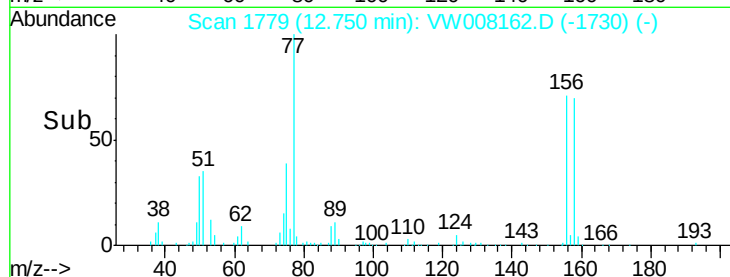
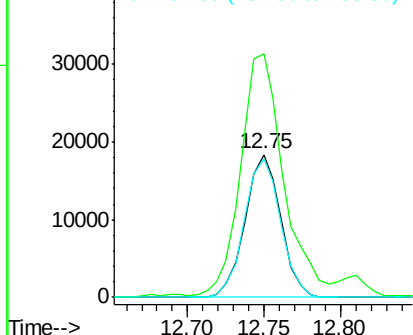
Tot Ion	Ratio	Lower	Upper
156	100		
77	208.5	104.2	312.5
158	99.2	47.9	143.6

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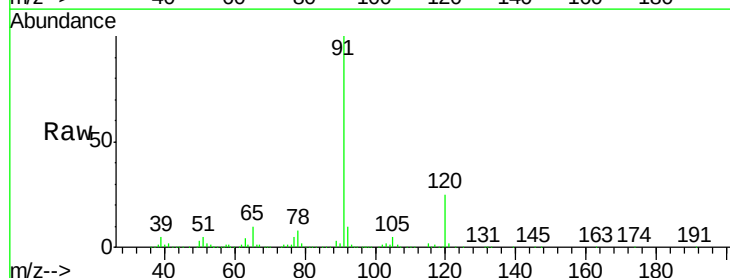


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

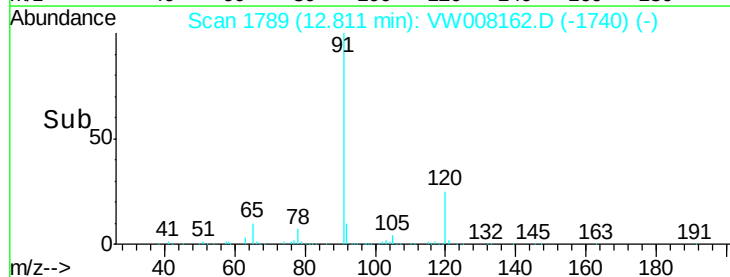
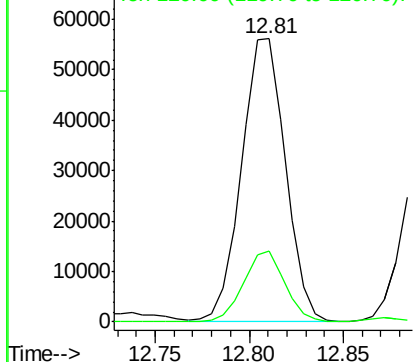


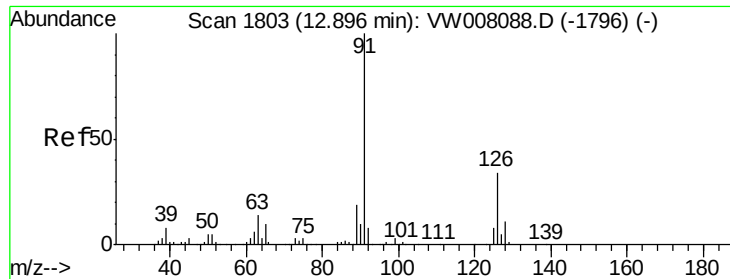
#78
n-propylbenzene
Concen: 34.656 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





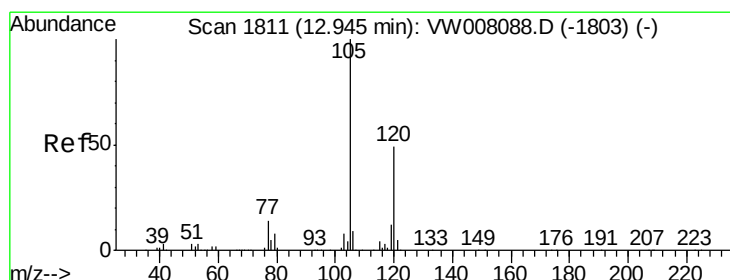
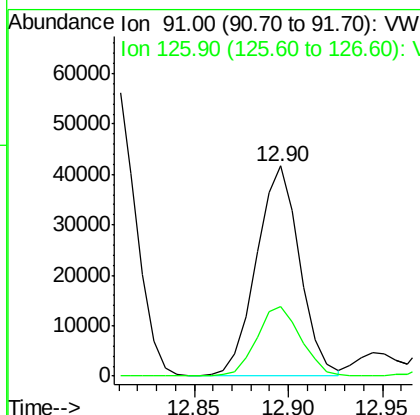
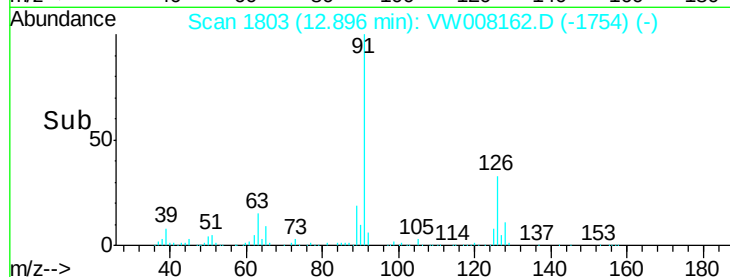
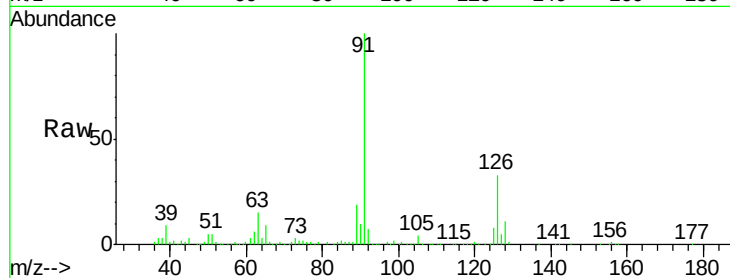
#79
 2-Chlorotoluene
 Concen: 45.311 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion: 91 Resp: 65809
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.8 50.3

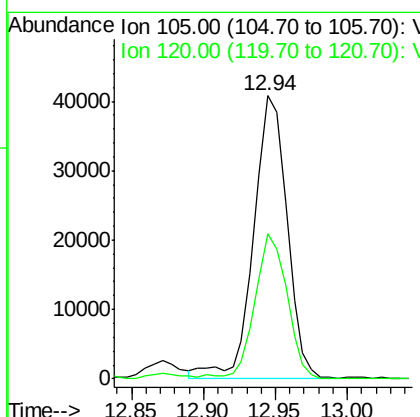
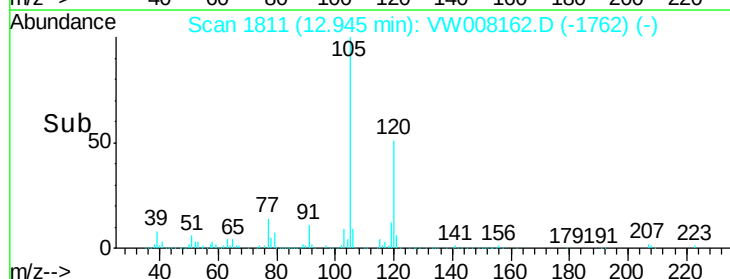
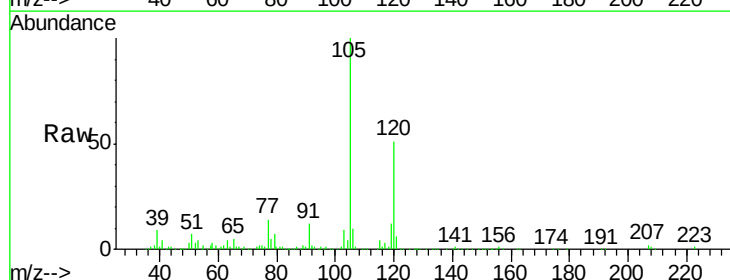
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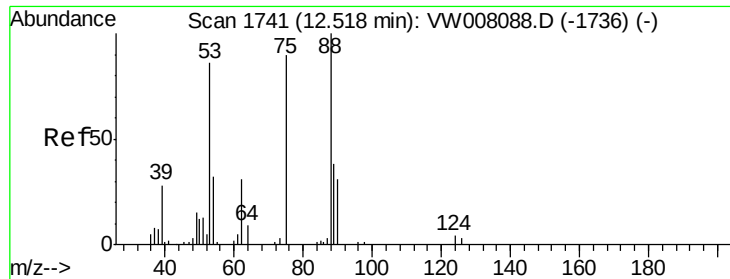
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#80
 1,3,5-Trimethylbenzene
 Concen: 37.367 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion:105 Resp: 65240
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.7 74.1





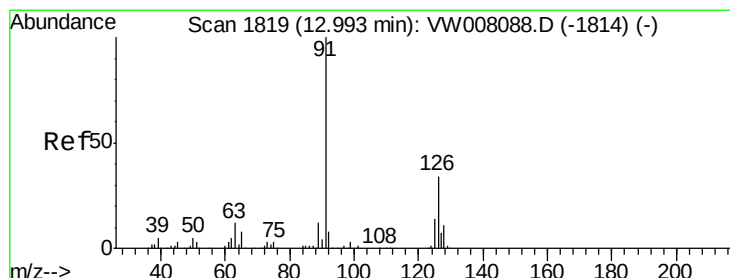
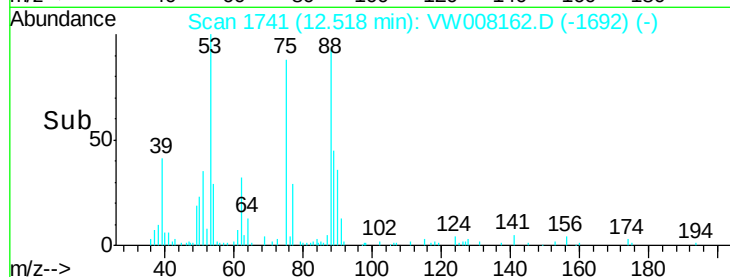
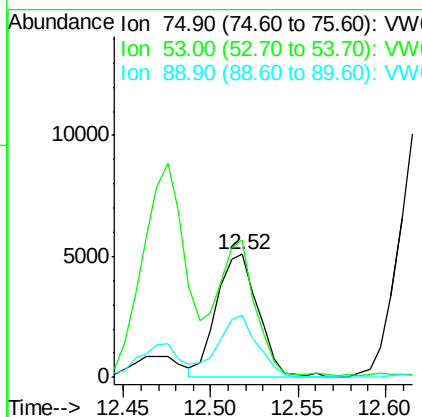
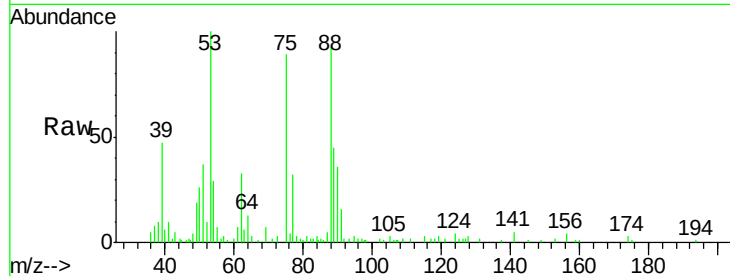
#81
trans-1,4-Dichloro-2-butene
Concen: 80.159 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	78.8	118.2
89	47.9	35.4	53.2

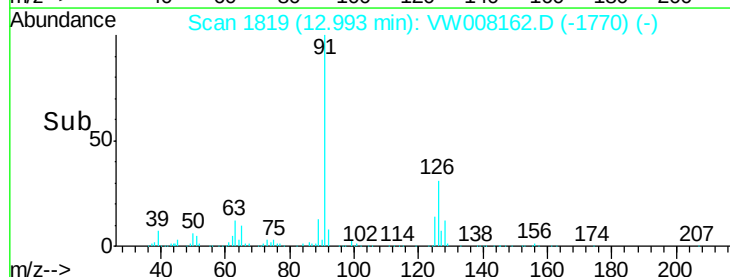
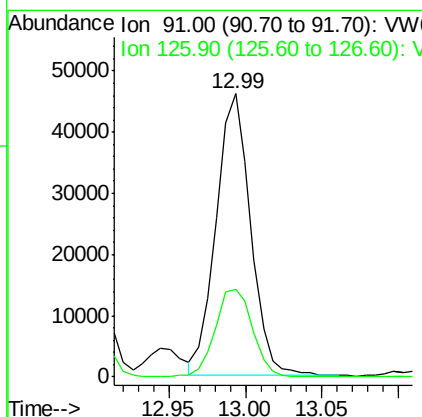
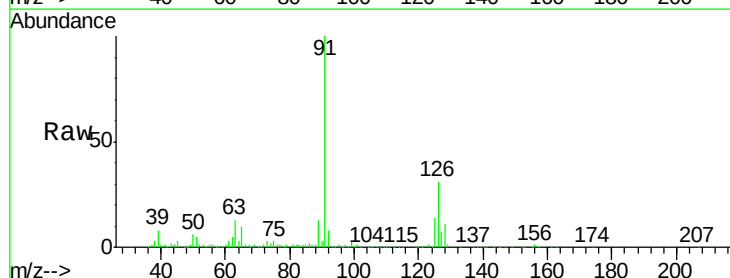
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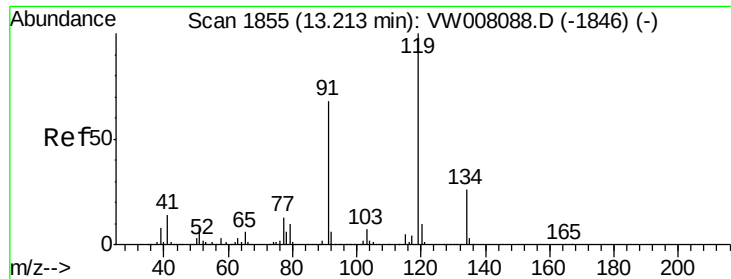
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1/11/2019 2:27:50 PM



#82
4-Chlorotoluene
Concen: 47.187 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.5	49.5





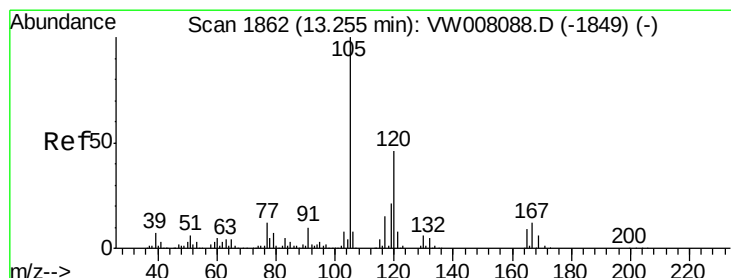
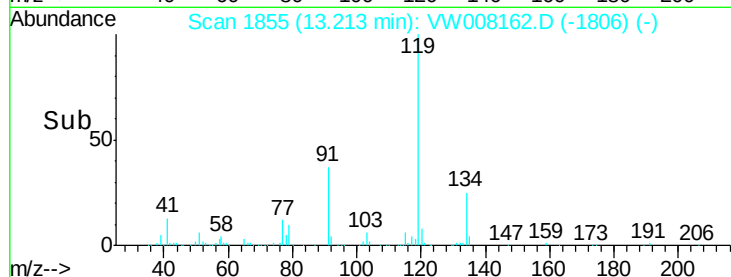
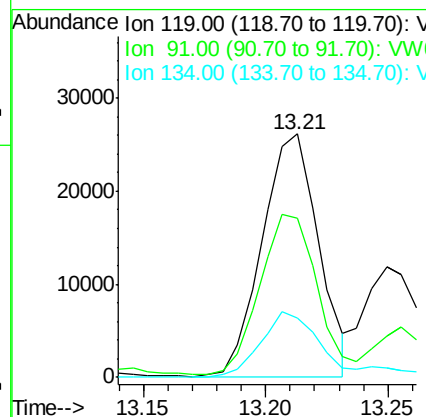
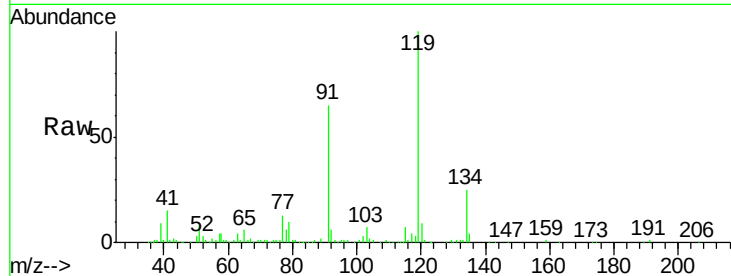
#83
 tert-Butylbenzene
 Concen: 27.073 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.8	33.9	101.6
134	27.8	13.6	40.8

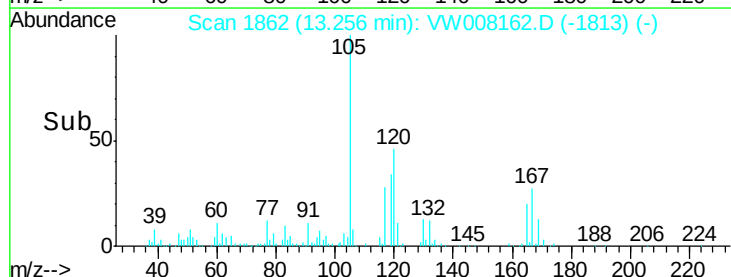
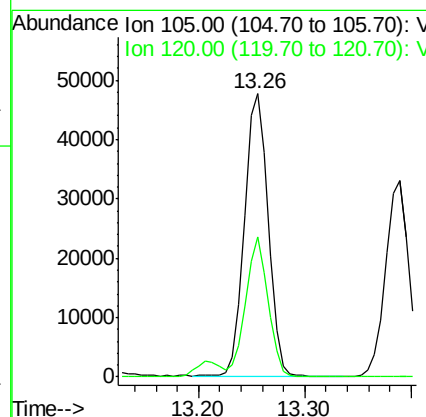
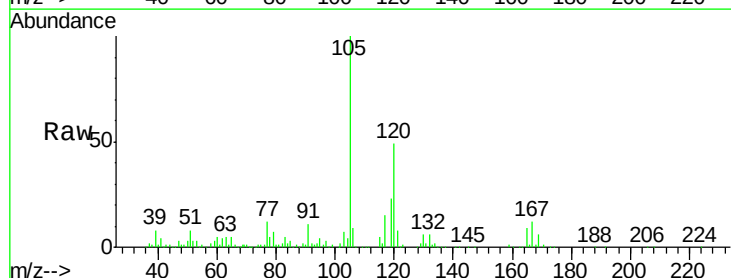
Manual Integrations
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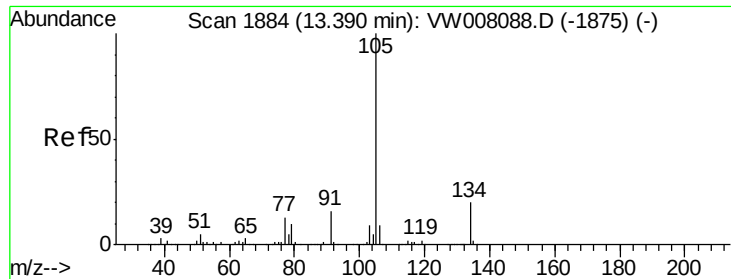
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#84
 1,2,4-Trimethylbenzene
 Concen: 41.814 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.7	68.1





#85

sec-Butylbenzene

Concen: 22.671 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:105 Resp: 51295

Ion Ratio Lower Upper

105 100

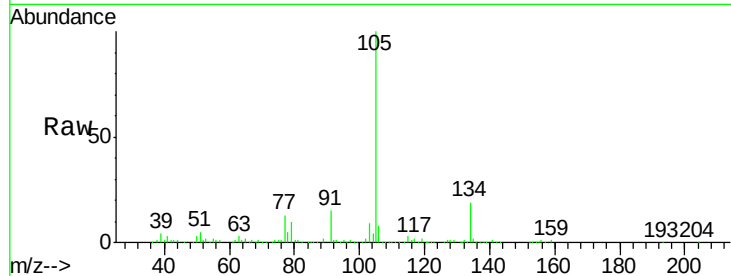
134 20.7 10.1 30.1

Manual Integrations

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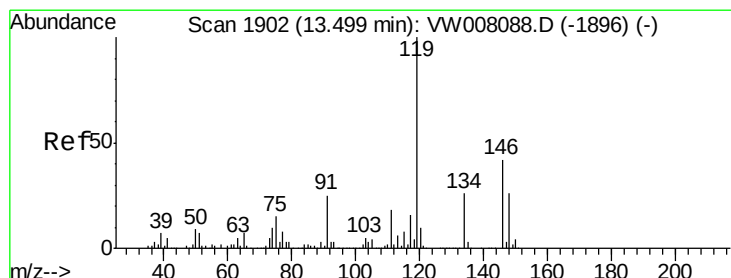
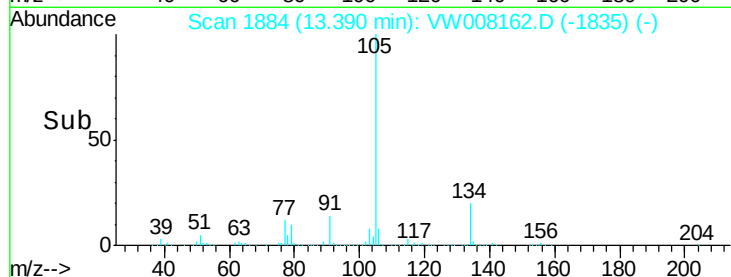
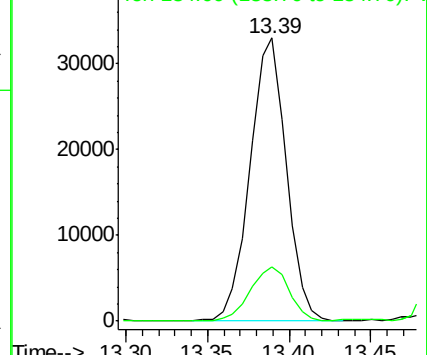
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 99.145 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

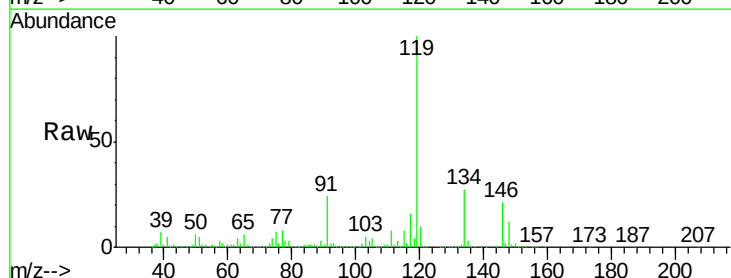
Tgt Ion:119 Resp: 193716

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

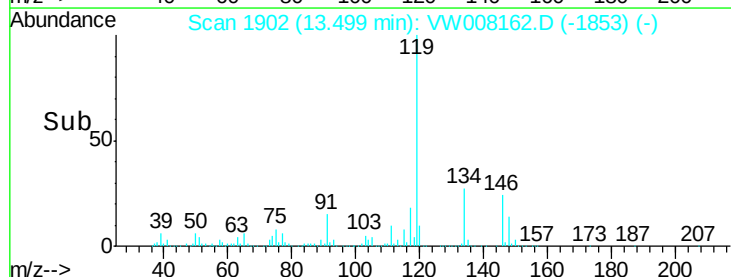
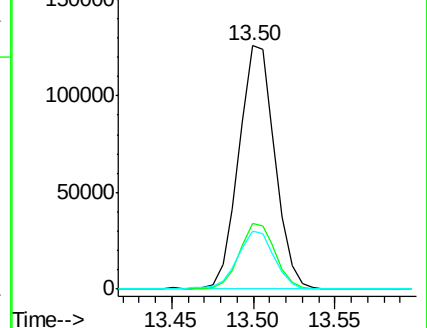
91 24.2 12.3 36.9

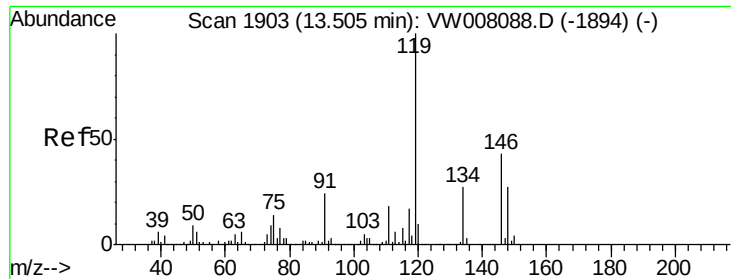


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





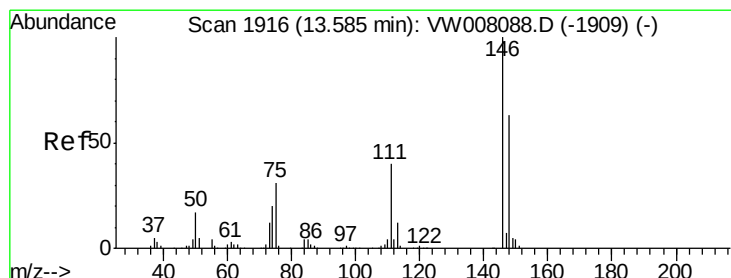
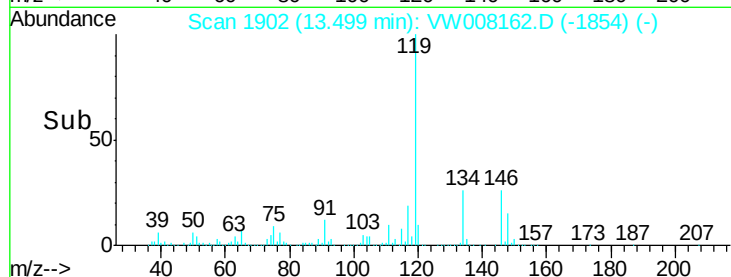
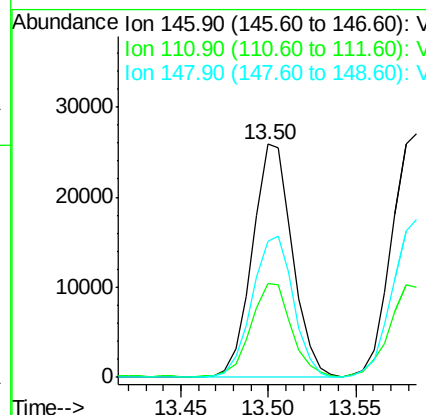
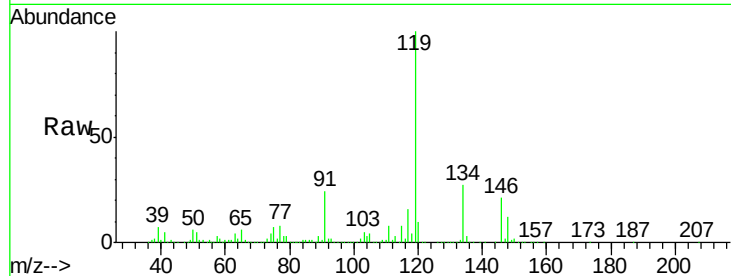
#87
 1,3-Dichlorobenzene
 Concen: 45.500 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.1
148	62.2	31.3	93.9

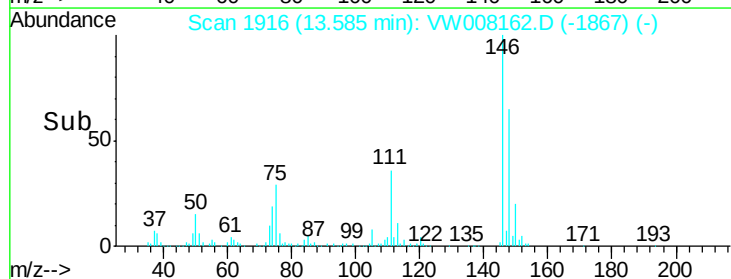
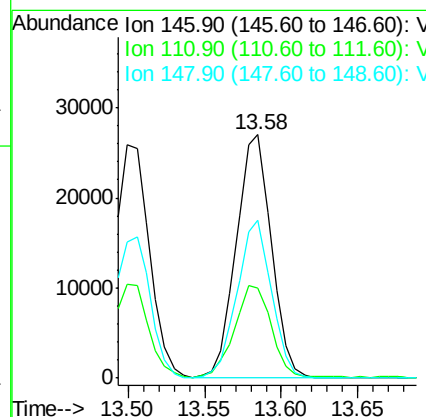
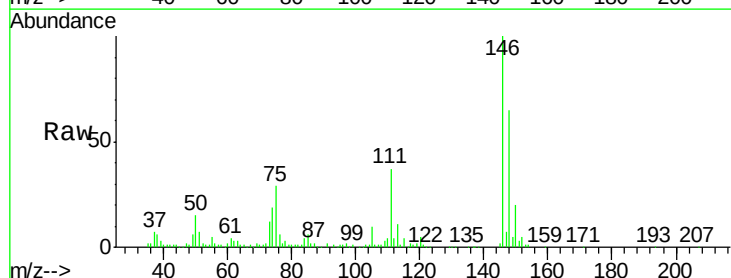
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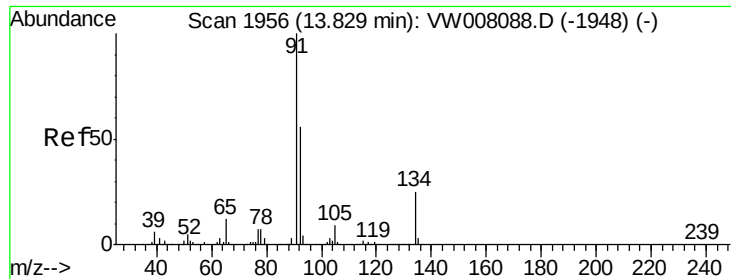
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#88
 1,4-Dichlorobenzene
 Concen: 47.098 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.5	61.5
148	63.7	31.6	94.8





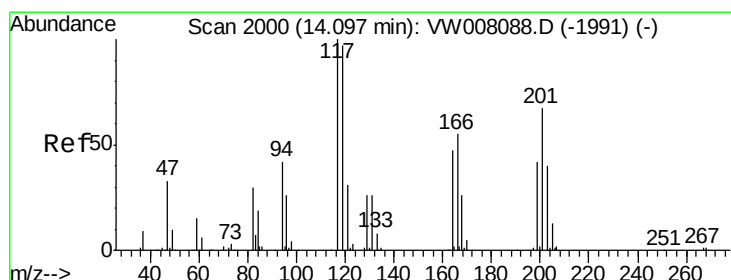
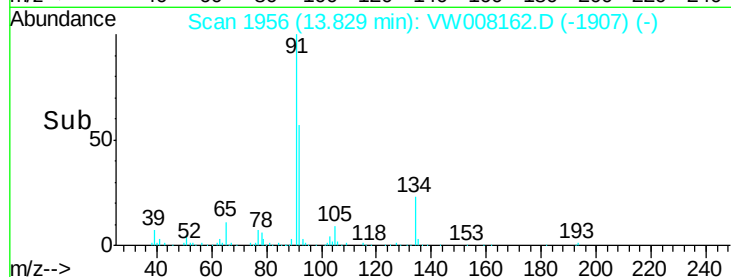
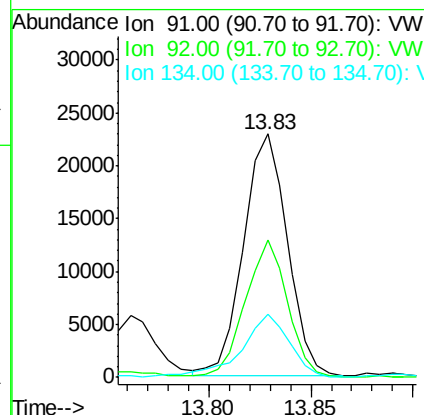
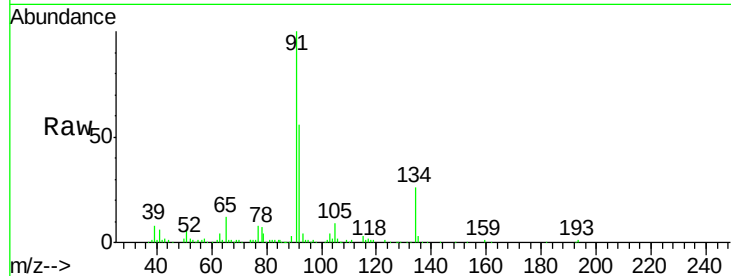
#89
n-Butylbenzene
Concen: 17.943 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.4	82.2
134	28.8	12.6	37.8

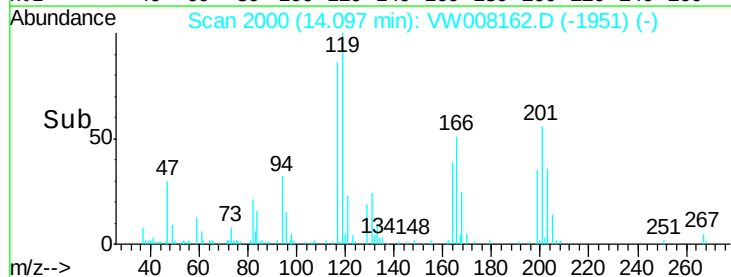
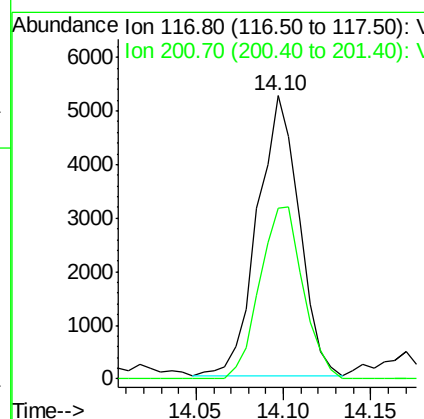
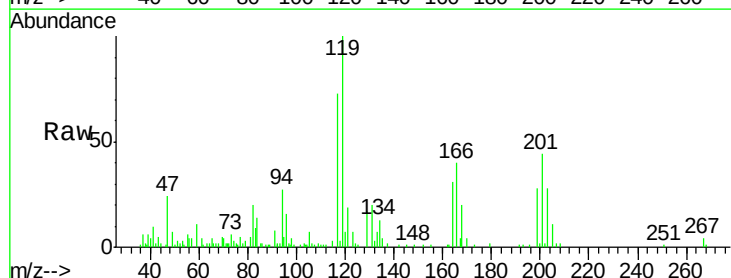
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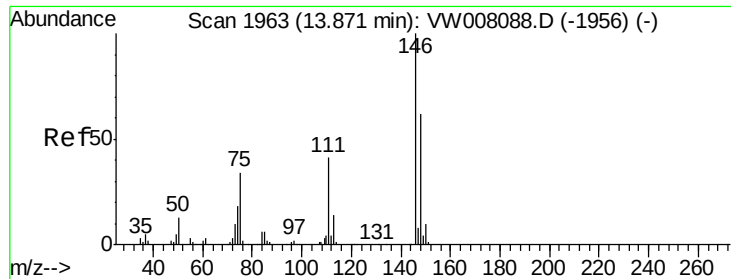
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1/11/2019 2:27:50 PM



#90
Hexachloroethane
Concen: 26.320 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.7	33.0	98.9





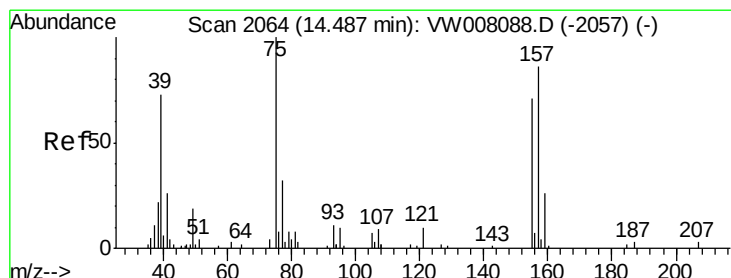
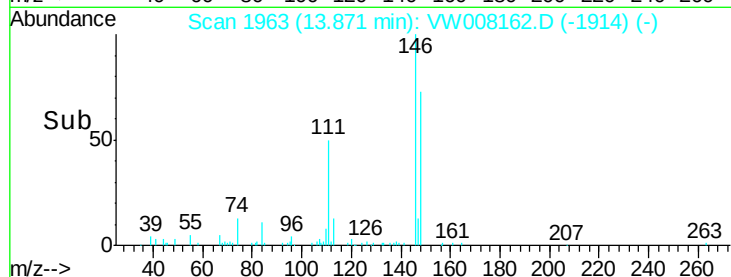
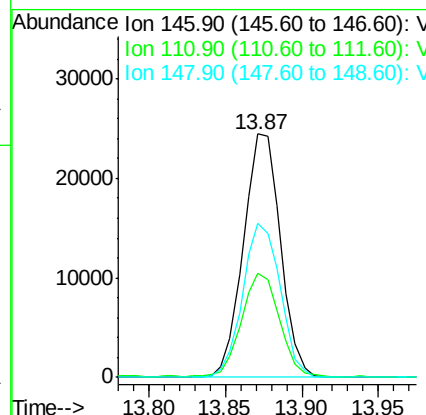
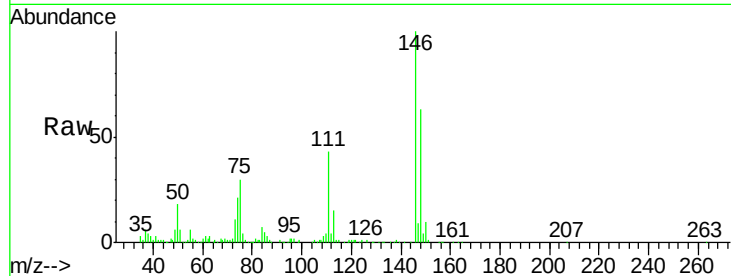
#91
 1,2-Dichlorobenzene
 Concen: 51.480 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.7
148	63.9	31.5	94.5

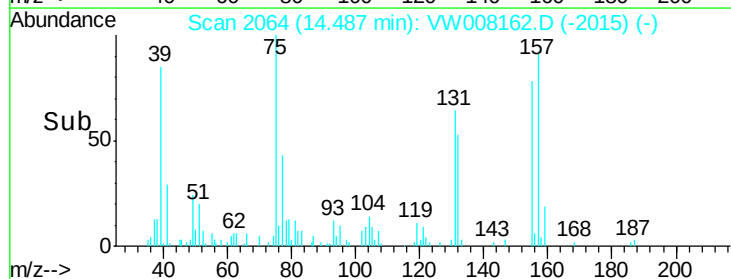
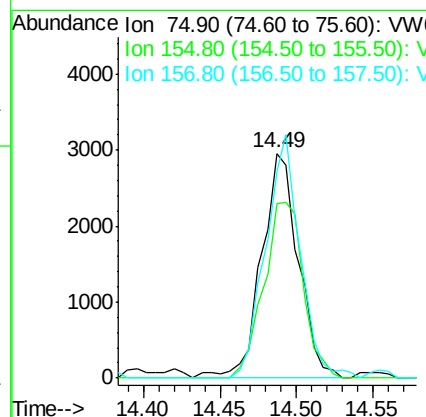
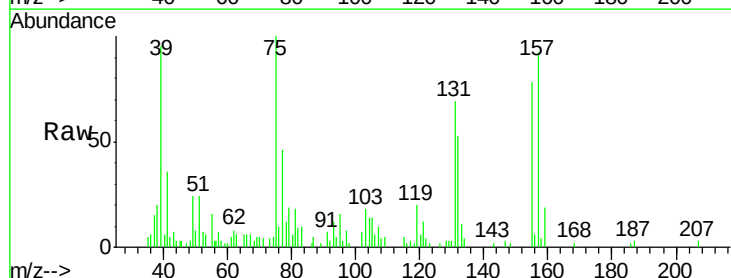
Manual Integrations
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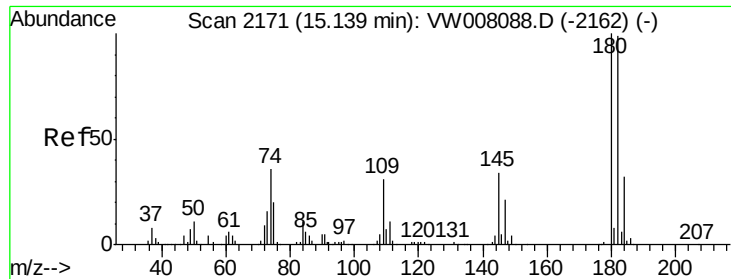
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 90.866 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008162.D
 Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.5	38.6	115.7
157	101.3	47.5	142.6





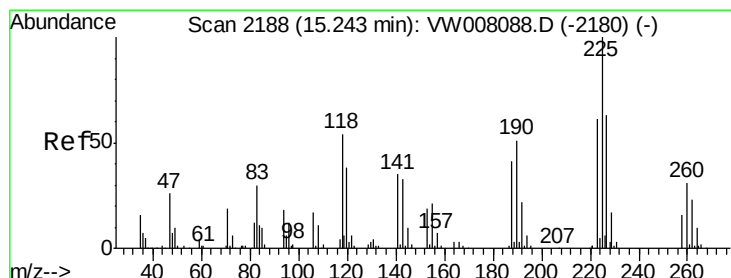
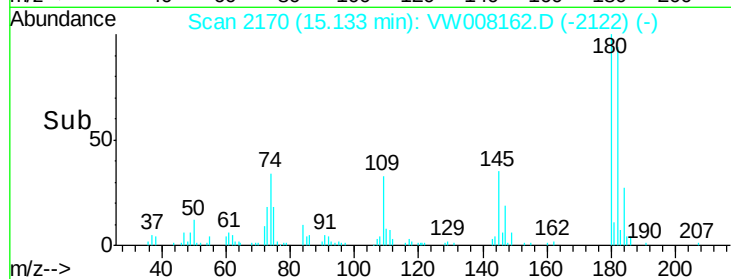
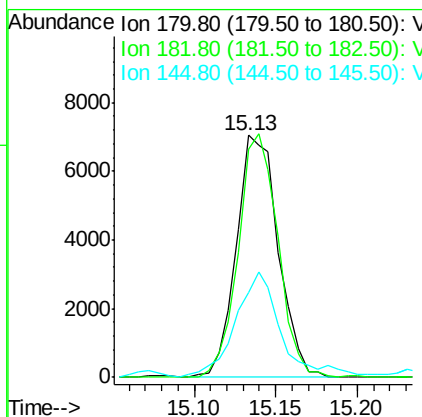
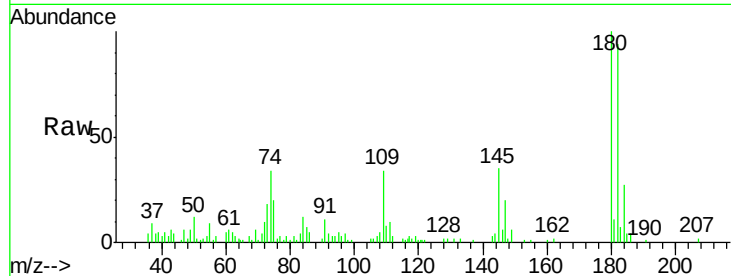
#93
1,2,4-Trichlorobenzene
Concen: 23.688 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.01 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	12587		
182	95.4	48.6	145.9	
145	47.8	16.6	49.7	

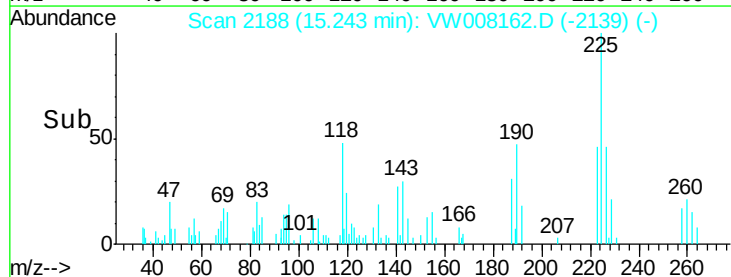
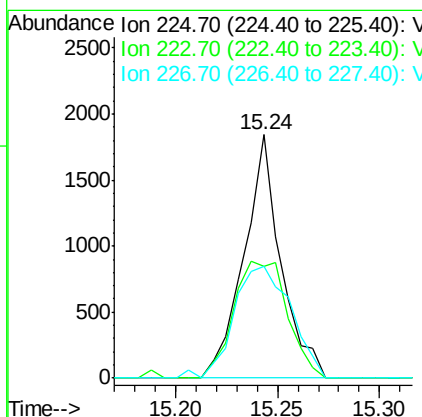
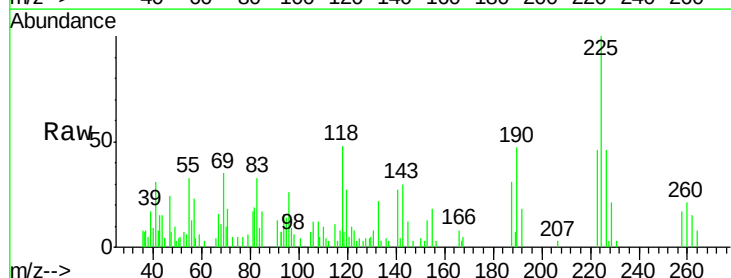
Manual Integrations
APPROVED

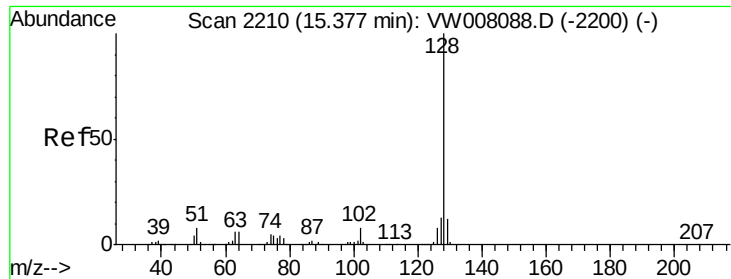
MMDadoda
1/11/2019 2:27:50 PM



#94
Hexachlorobutadiene
Concen: 8.172 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008162.D
Acq: 10 Jan 2019 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	2324		
223	69.9	31.4	94.3	
227	70.7	32.0	96.2	





#95

Naphthalene

Concen: 54.984 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Instrument :

MSVOA_W

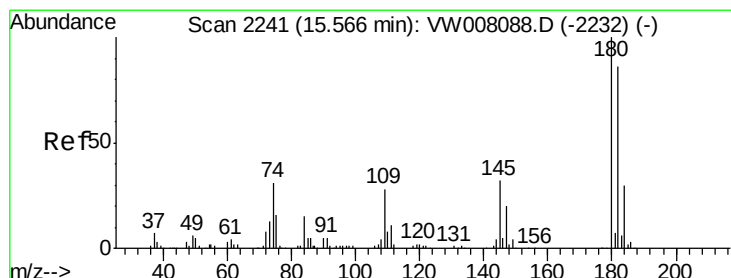
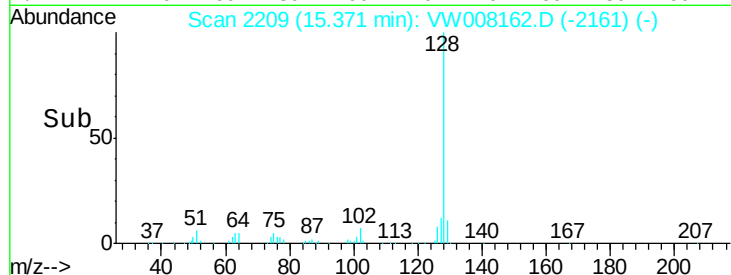
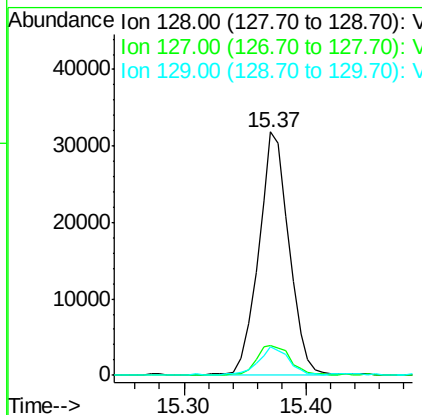
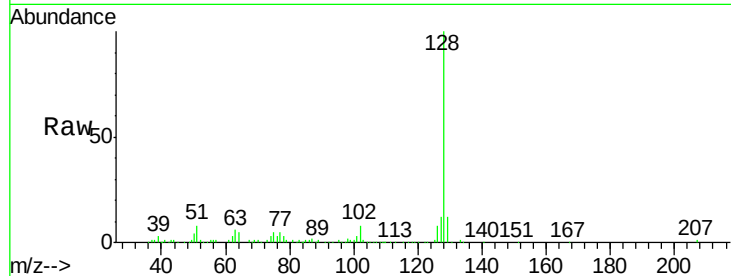
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	128	Resp:	54553
Ion Ratio	Lower	Upper	
128	100		
127	14.2	11.0	16.4
129	12.2	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
1/11/2019 2:27:50 PM



#96

1,2,3-Trichlorobenzene

Concen: 25.942 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW008162.D

Acq: 10 Jan 2019 21:13

Tgt Ion:	180	Resp:	11751
Ion Ratio	Lower	Upper	
180	100		
182	93.5	46.5	139.3
145	46.7	17.4	52.2

