

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008203.D
 Acq On : 11 Jan 2019 19:17
 Operator : SY/VA
 Sample : K1088-11MSD
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jan 12 00:47:11 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	96810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42843	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	55438	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.88	113	53164	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	
50) Toluene-d8	10.32	98	184983	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.62	95	50063	34.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35405	44.811	ug/l	100
3) Chloromethane	2.21	50	49982	48.761	ug/l	94
4) Vinyl Chloride	2.37	62	65940	49.289	ug/l	98
5) Bromomethane	2.78	94	47653	47.550	ug/l	98
6) Chloroethane	2.93	64	42976	42.690	ug/l	95
7) Trichlorofluoromethane	3.26	101	47871	44.014	ug/l	97
8) Diethyl Ether	3.68	74	33993	55.286	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44072	40.814	ug/l	94
10) Methyl Iodide	4.26	142	85573	54.374	ug/l	98
11) Tert butyl alcohol	5.20	59	18661	283.583	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	54241	51.162	ug/l	93
13) Acrolein	3.89	56	8796	120.653	ug/l	98
14) Allyl chloride	4.67	41	91059	47.307	ug/l	98
15) Acrylonitrile	5.37	53	68995	294.742	ug/l	97
16) Acetone	4.14	43	75513	398.679	ug/l	92
17) Carbon Disulfide	4.37	76	152072	45.917	ug/l	99
18) Methyl Acetate	4.67	43	47752	69.439	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	103496	60.048	ug/l	96
20) Methylene Chloride	4.91	84	67111	63.992	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	57749	50.124	ug/l	96
22) Diisopropyl ether	6.31	45	204203	55.625	ug/l	100
23) Vinyl Acetate	6.26	43	492054	255.212	ug/l	96
24) 1,1-Dichloroethane	6.21	63	111371	52.068	ug/l	97
25) 2-Butanone	7.17	43	93433	308.632	ug/l	99
26) 2,2-Dichloropropane	7.16	77	68145	47.019	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	66608	52.989	ug/l	93
28) Bromochloromethane	7.51	49	41408	48.944	ug/l #	90
29) Tetrahydrofuran	7.53	42	58000	286.814	ug/l	99
30) Chloroform	7.67	83	108379	53.232	ug/l	97
31) Cyclohexane	7.95	56	61101	26.684	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	85929	48.505	ug/l	99
36) 1,1-Dichloropropene	8.08	75	74229	43.832	ug/l	97
37) Ethyl Acetate	7.26	43	39281	57.896	ug/l	98
38) Carbon Tetrachloride	8.07	117	71385	46.054	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	45606	21.238	ug/l	94
40) Benzene	8.32	78	239288	52.095	ug/l	98
41) Methacrylonitrile	7.49	41	25583	59.692	ug/l	92
42) 1,2-Dichloroethane	8.40	62	69967	54.159	ug/l	98
43) Isopropyl Acetate	8.43	43	79868	58.877	ug/l	99
44) Trichloroethene	9.09	130	57424	48.837	ug/l	88
45) 1,2-Dichloropropane	9.37	63	61282	53.807	ug/l	98
46) Dibromomethane	9.46	93	31948	57.118	ug/l	93
47) Bromodichloromethane	9.65	83	78300	55.131	ug/l	97
48) Methyl methacrylate	9.43	41	39860	62.273	ug/l	98
49) 1,4-Dioxane	9.46	88	8944	994.313	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	197455	300.709	ug/l	98
52) Toluene	10.39	92	135770	46.284	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	76739	51.944	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	89531	51.107	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	45547	57.999	ug/l	98
56) Ethyl methacrylate	10.65	69	60781	62.498	ug/l	99
57) 1,3-Dichloropropane	10.93	76	79712	55.501	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	138575	275.846	ug/l	96
59) 2-Hexanone	10.97	43	138777	312.529	ug/l	99
60) Dibromochloromethane	11.13	129	51562	59.792	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43094	57.833	ug/l	99
64) Tetrachloroethene	10.86	164	37989	45.553	ug/l	94
65) Chlorobenzene	11.66	112	136617	50.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	52762	59.753	ug/l	99
67) Ethyl Benzene	11.73	91	217452	43.776	ug/l	98
68) m/p-Xylenes	11.84	106	162416	85.663	ug/l	98
69) o-Xylene	12.16	106	81622	46.488	ug/l	95
70) Styrene	12.18	104	129851	47.217	ug/l	97
71) Bromoform	12.35	173	27538	69.683	ug/l #	96
73) Isopropylbenzene	12.47	105	176804	52.564	ug/l	100
74) N-amyl acetate	12.27	43	73108	98.147	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	51772	96.161	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	41844m	107.138	ug/l	
77) Bromobenzene	12.75	156	49290	69.352	ug/l	92
78) n-propylbenzene	12.80	91	181143	43.953	ug/l	99
79) 2-Chlorotoluene	12.90	91	118515	51.544	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	122489	44.315	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15082	89.926	ug/l	97
82) 4-Chlorotoluene	12.99	91	120889	49.920	ug/l	98
83) tert-Butylbenzene	13.21	119	99304	40.610	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	130671	45.837	ug/l	99
85) sec-Butylbenzene	13.39	105	129072	36.033	ug/l	96
86) p-Isopropyltoluene	13.50	119	106990	34.588	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	70077	48.607	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	70095	48.459	ug/l	99
89) n-Butylbenzene	13.83	91	91487	30.198	ug/l	98
90) Hexachloroethane	14.10	117	21119	40.422	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	67393	53.189	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7020	81.021	ug/l	82

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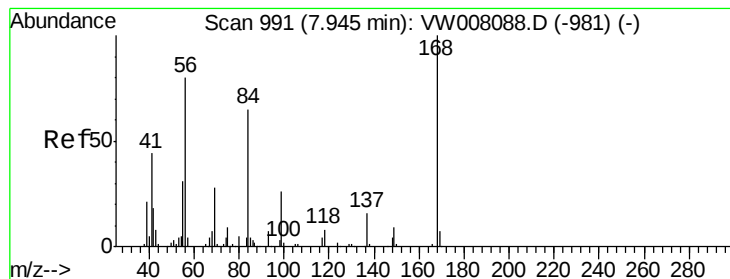
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	25284	30.056	ug/l #	74
94) Hexachlorobutadiene	15.24	225	8305	18.445	ug/l	99
95) Naphthalene	15.37	128	76827	48.912	ug/l	97
96) 1,2,3-Trichlorobenzene	15.56	180	23272	32.452	ug/l #	76

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008203.D

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MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:168 Resp: 96810

Ion Ratio Lower Upper

168 100

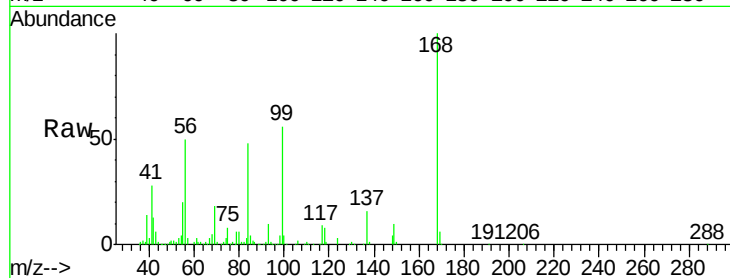
99 56.3 52.6 78.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

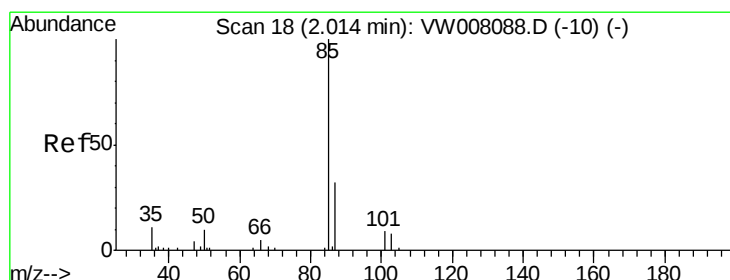
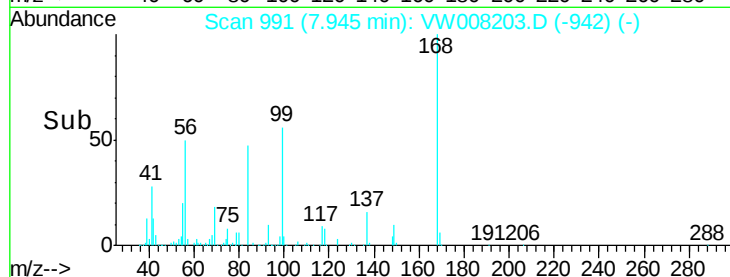
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.811 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008203.D

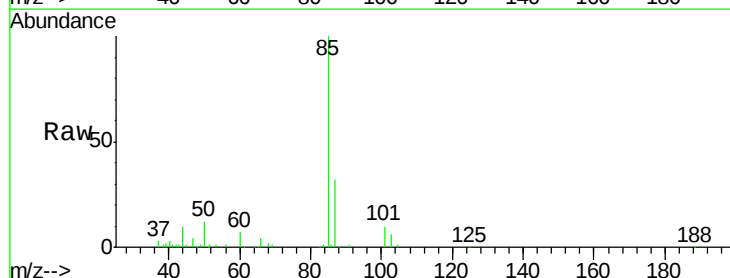
Acq: 11 Jan 2019 19:17

Tgt Ion: 85 Resp: 35405

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

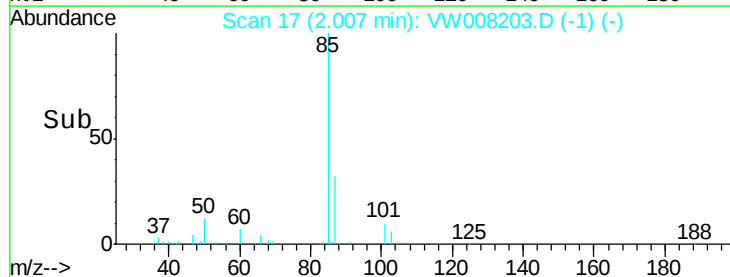
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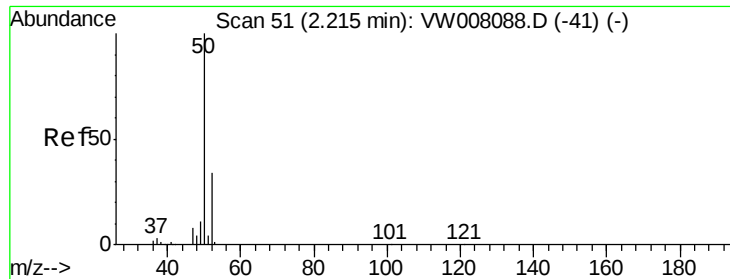
10000

5000

0

Time-->





#3

Chloromethane

Concen: 48.761 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion: 50 Resp: 49982

Ion Ratio Lower Upper

50 100

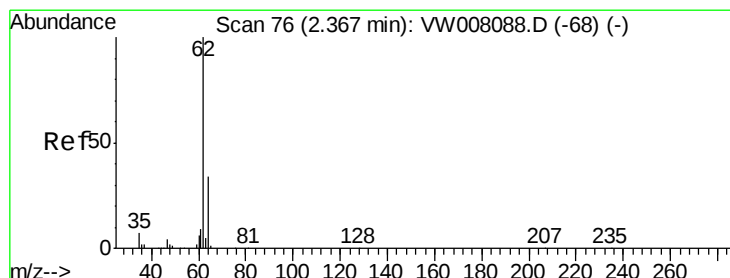
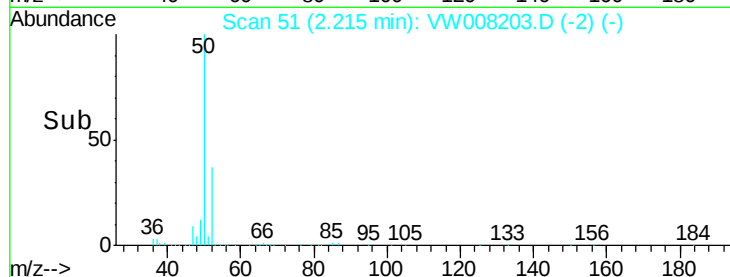
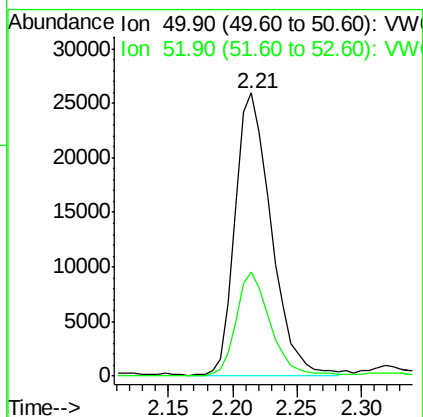
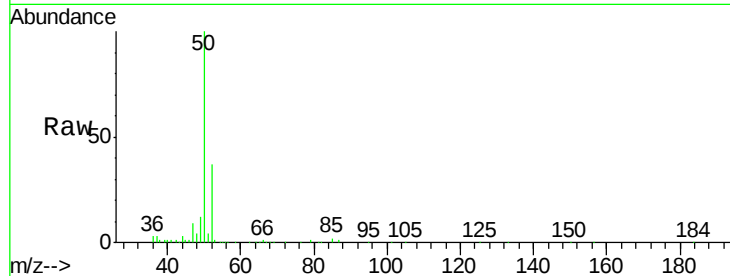
52 36.9 26.8 40.2

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#4

Vinyl Chloride

Concen: 49.289 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008203.D

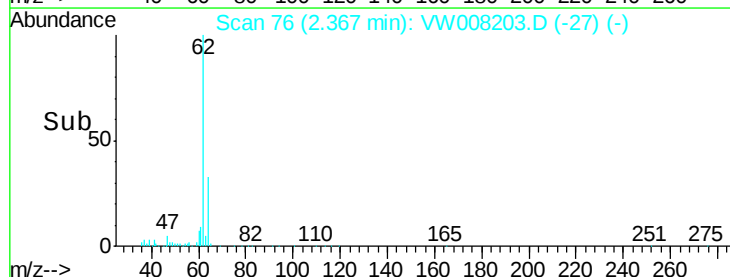
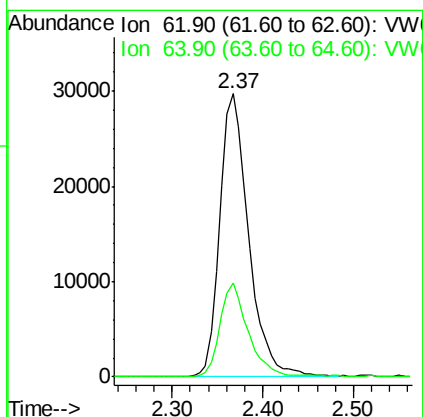
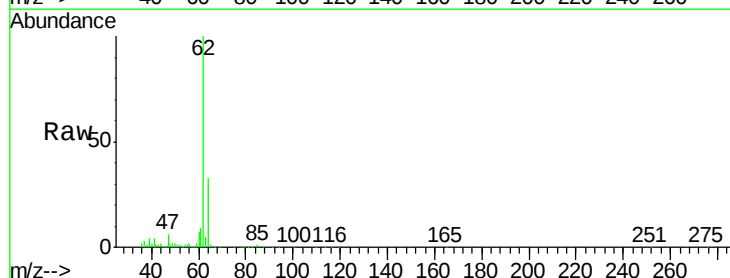
Acq: 11 Jan 2019 19:17

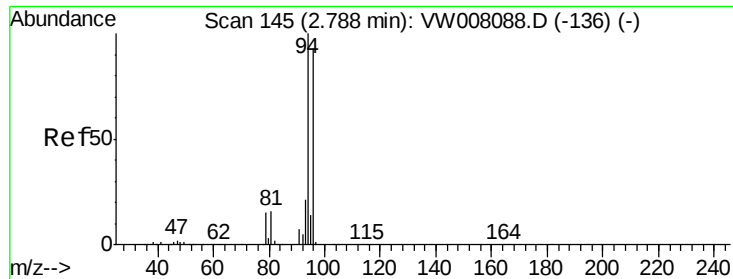
Tgt Ion: 62 Resp: 65940

Ion Ratio Lower Upper

62 100

64 32.8 27.0 40.6





#5

Bromomethane

Concen: 47.550 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

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Tot Ion: 94 Resp: 47653

Ion Ratio Lower Upper

94 100

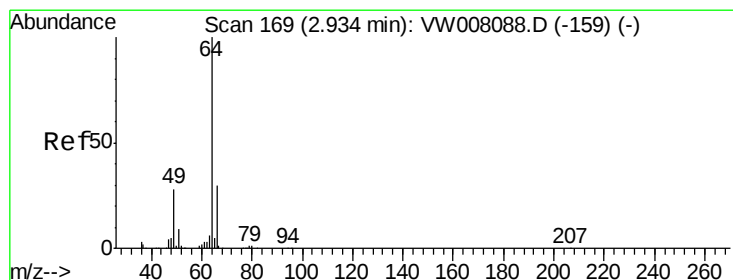
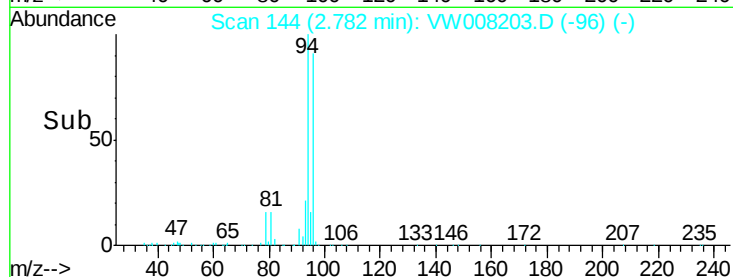
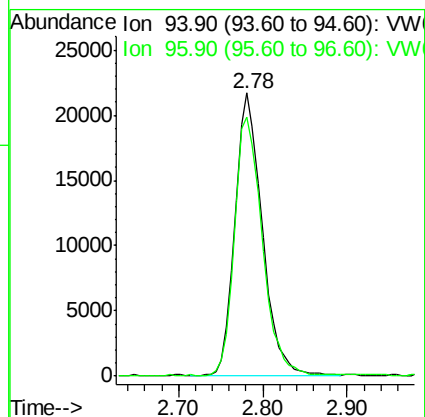
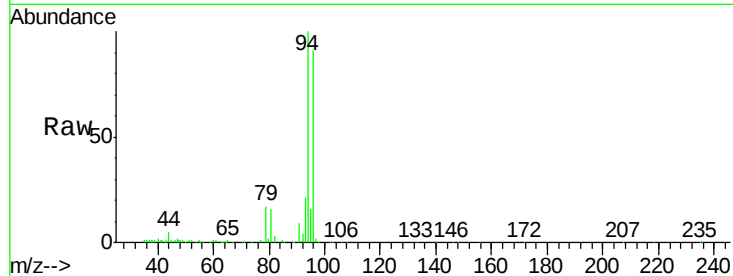
96 91.0 74.1 111.1

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#6

Chloroethane

Concen: 42.690 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008203.D

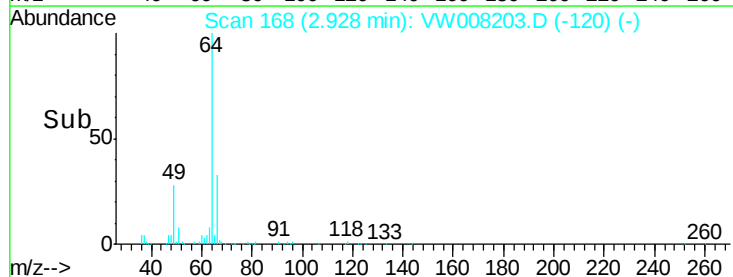
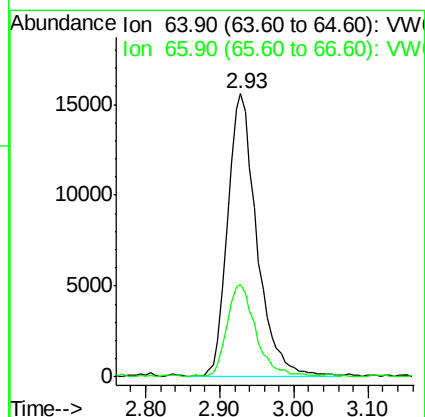
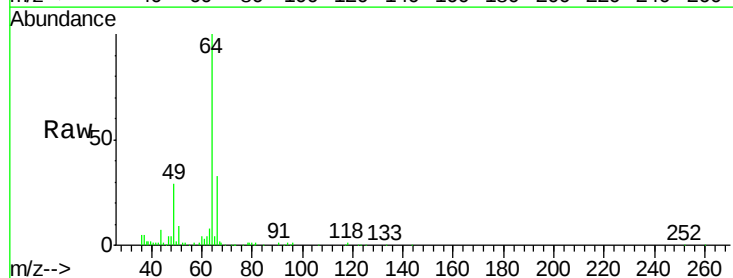
Acq: 11 Jan 2019 19:17

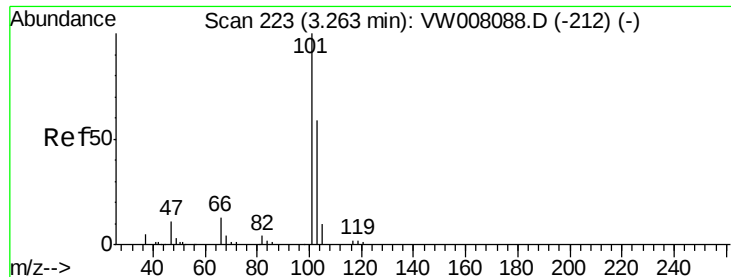
Tgt Ion: 64 Resp: 42976

Ion Ratio Lower Upper

64 100

66 32.9 24.2 36.2





#7

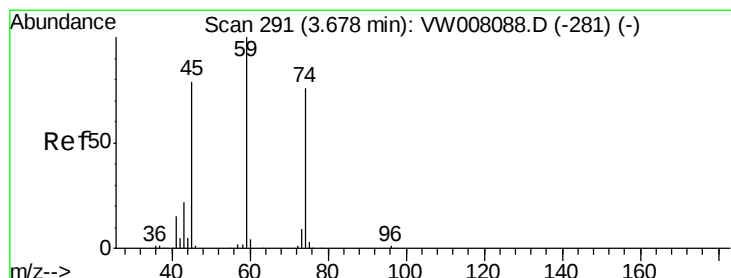
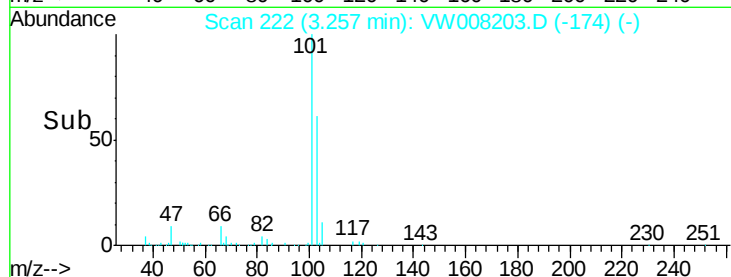
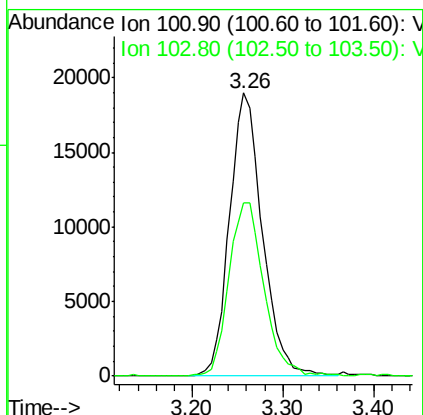
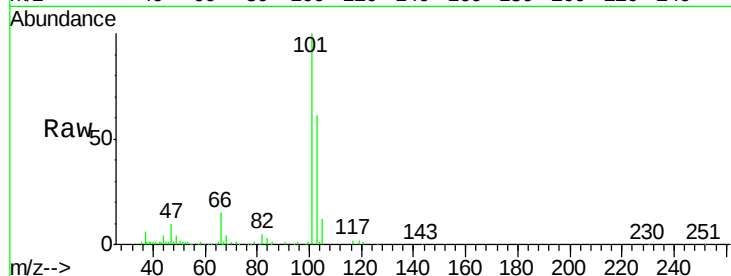
Trichlorofluoromethane
 Concen: 44.014 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008203.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	47.0	70.6

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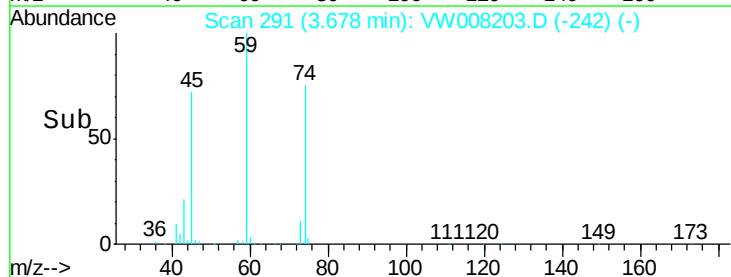
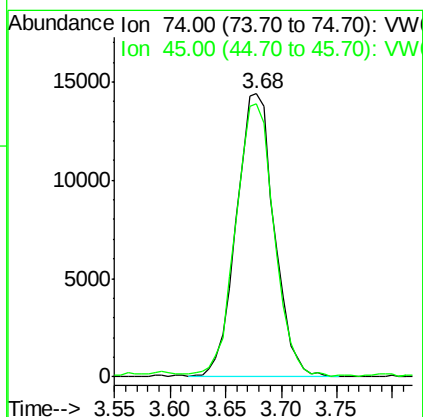
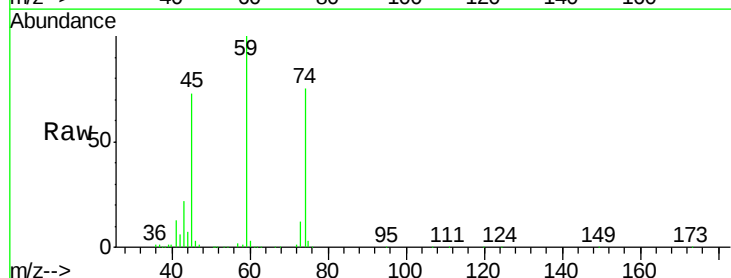
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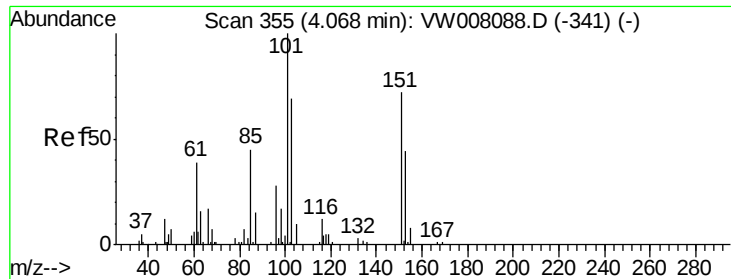


#8

Diethyl Ether
 Concen: 55.286 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.814 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

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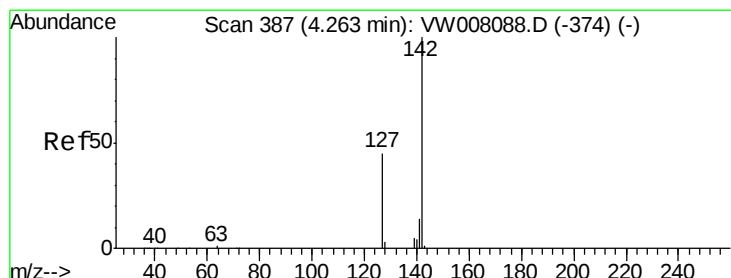
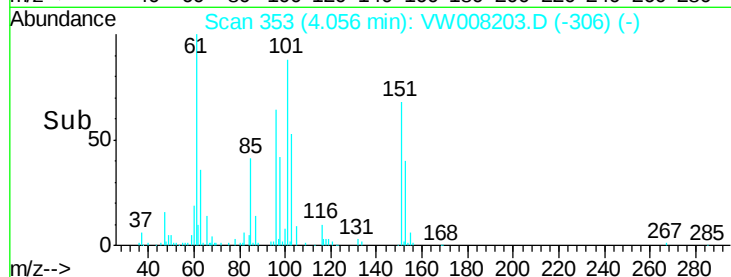
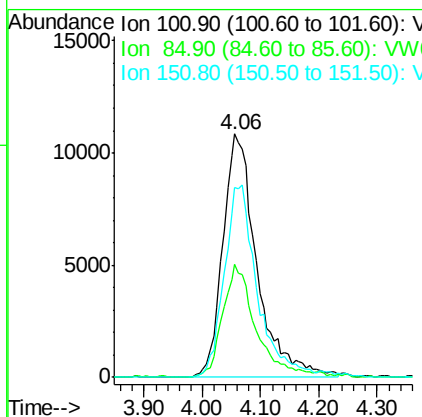
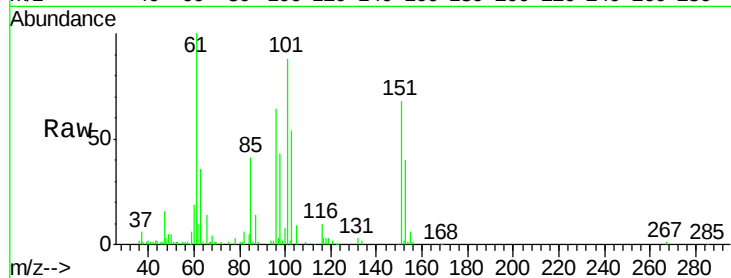
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	101	Resp:	44072
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.9	53.9
151	76.7	55.8	83.8

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#10

Methyl Iodide

Concen: 54.374 ug/l

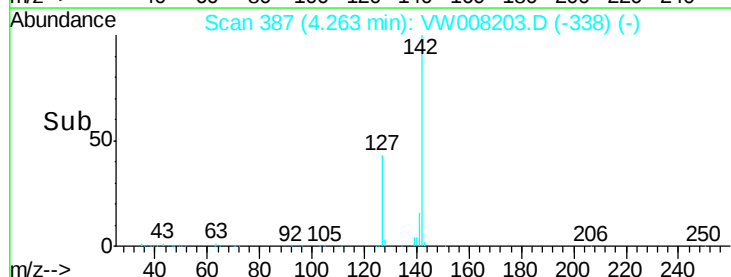
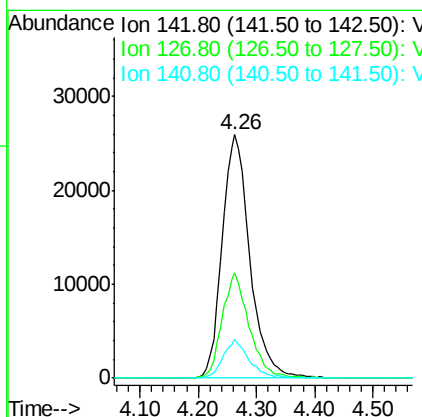
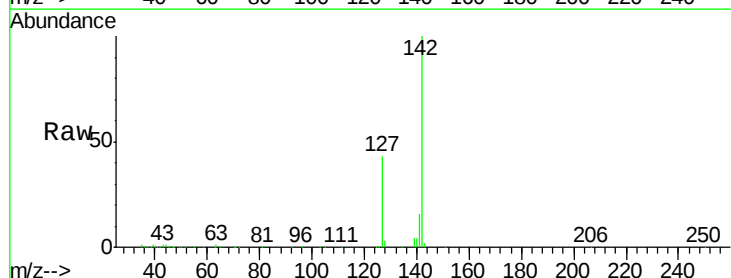
RT: 4.26 min Scan# 387

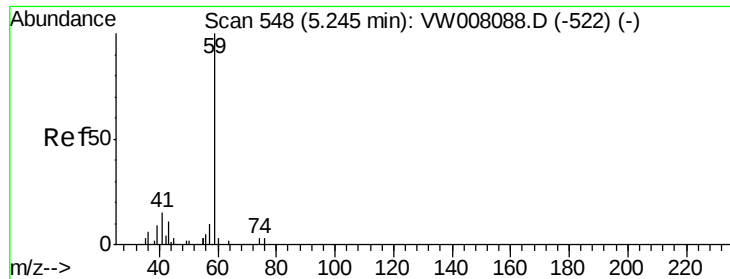
Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion:	142	Resp:	85573
Ion Ratio	Lower	Upper	
142	100		
127	42.0	35.0	52.4
141	14.6	11.8	17.6





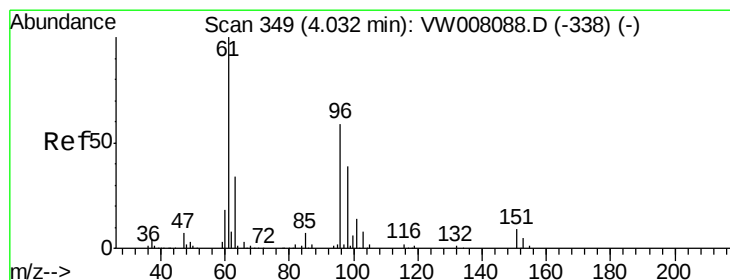
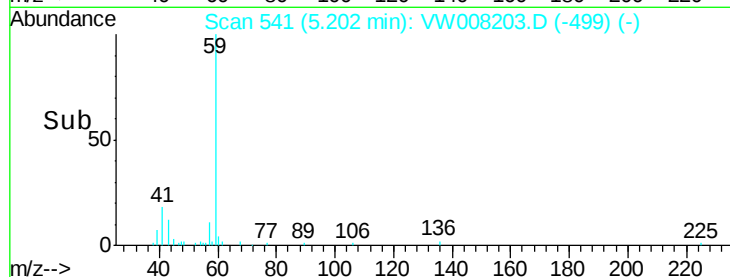
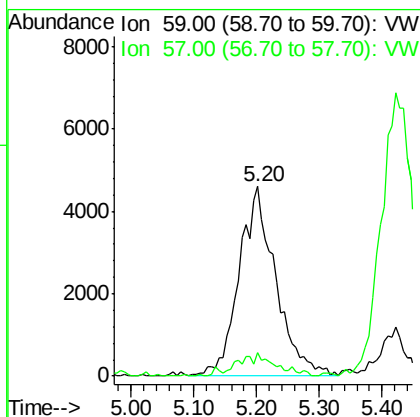
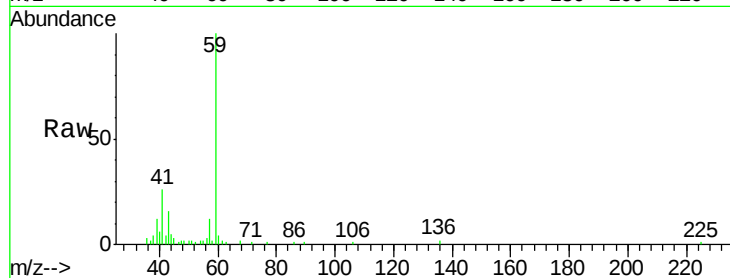
#11
Tert butyl alcohol
Concen: 283.583 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.04 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	59.00	Resp	18661
Ion Ratio	100	Lower	Upper
59	100		
57	0.0	0.0	0.0

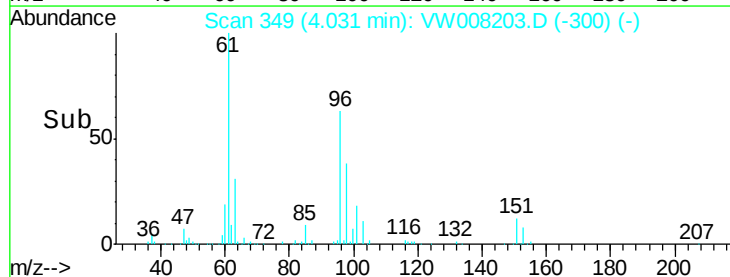
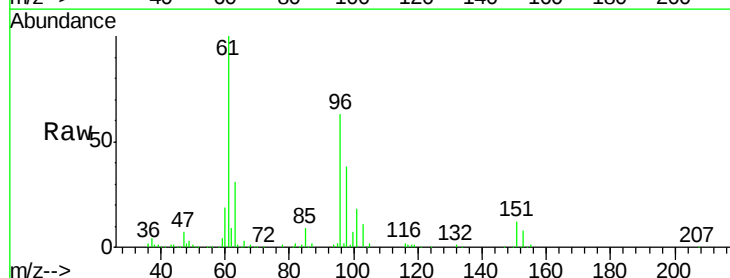
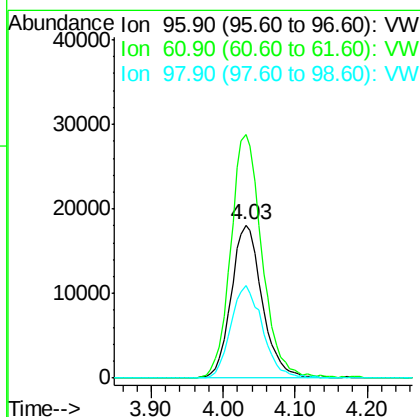
Manual Integrations
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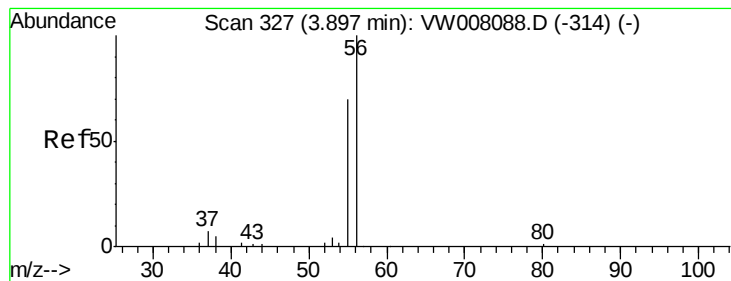
apatel
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#12
1,1-Dichloroethene
Concen: 51.162 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	96	Resp	54241
Ion Ratio	100	Lower	Upper
96	100		
61	159.3	135.4	203.2
98	60.3	52.5	78.7





#13

Acrolein

Concen: 120.653 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion: 56 Resp: 8796

Ion Ratio Lower Upper

56 100

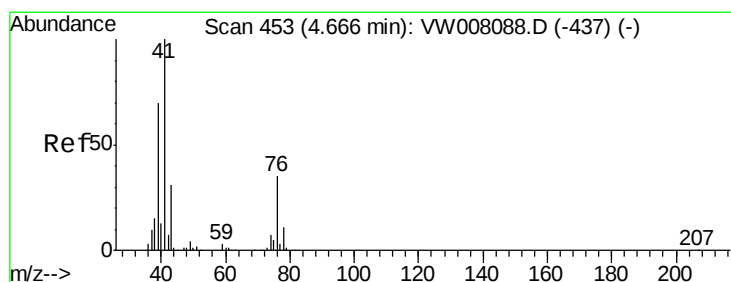
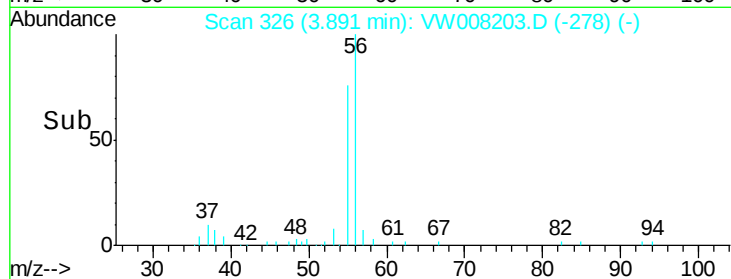
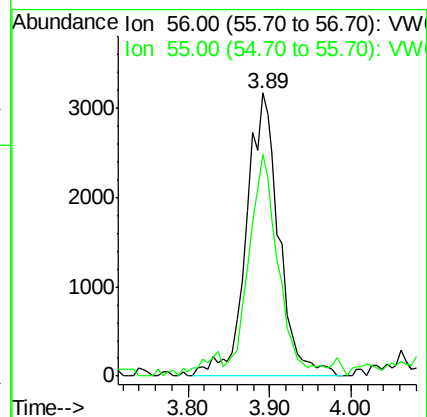
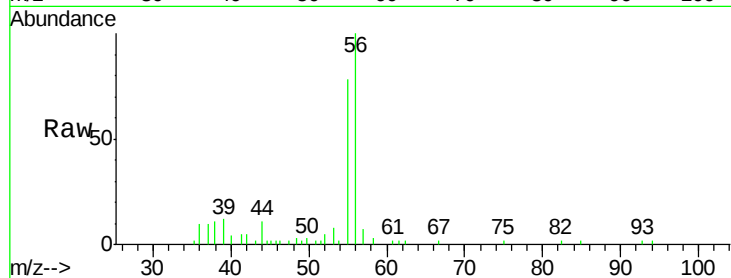
55 69.2 56.6 84.8

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#14

Allyl chloride

Concen: 47.307 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

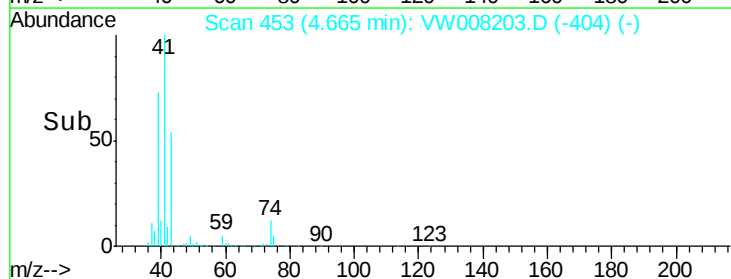
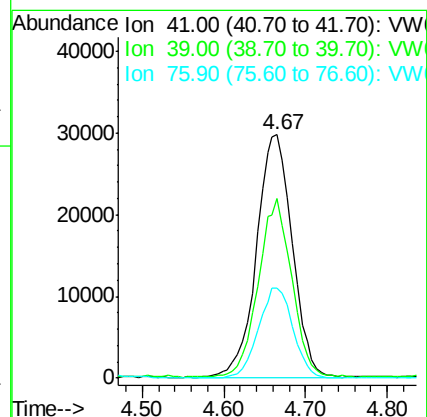
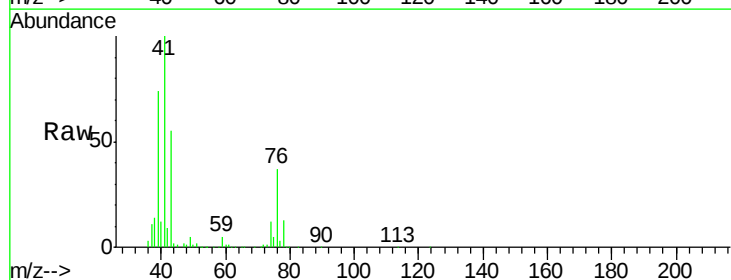
Tgt Ion: 41 Resp: 91059

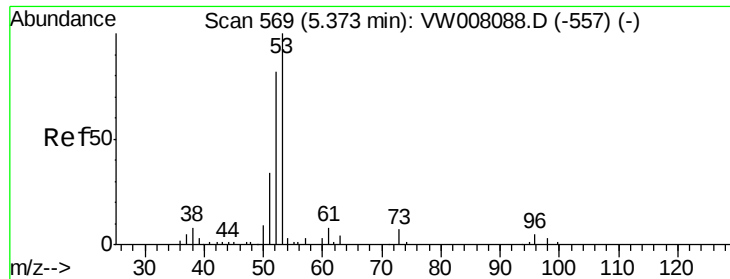
Ion Ratio Lower Upper

41 100

39 68.5 53.8 80.8

76 35.9 27.6 41.4





#15

Acrylonitrile

Concen: 294.742 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

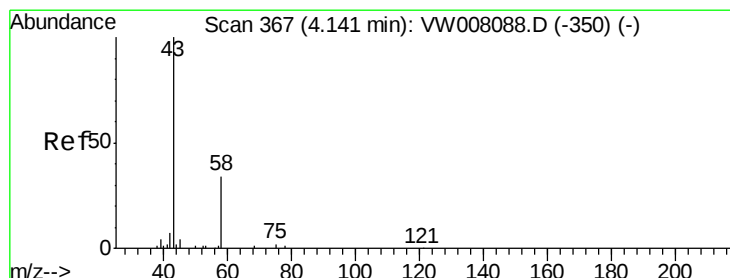
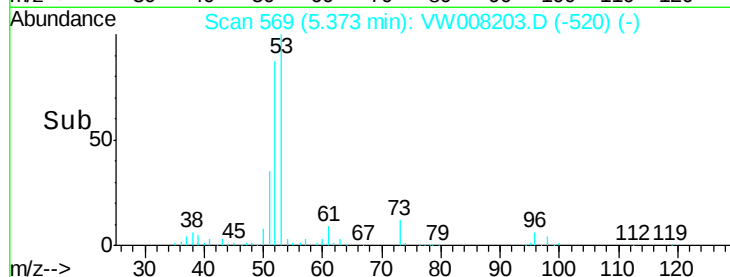
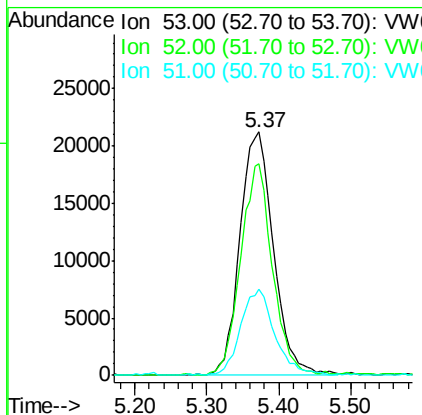
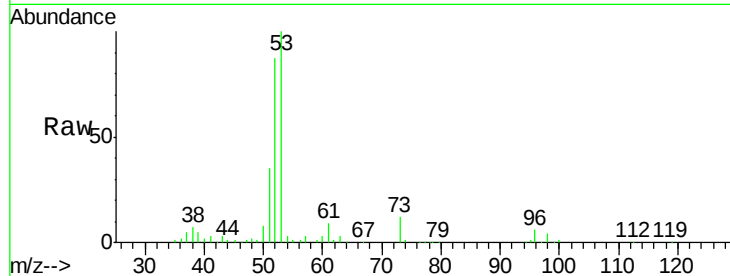
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	53	Resp:	68995
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.8	100.2
51	34.7	29.7	44.5

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#16

Acetone

Concen: 398.679 ug/l

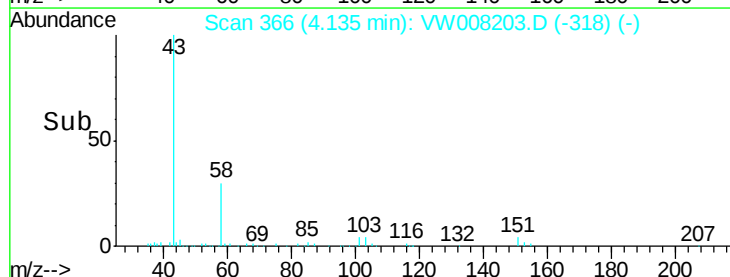
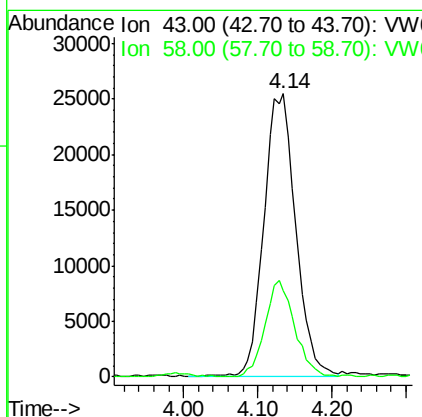
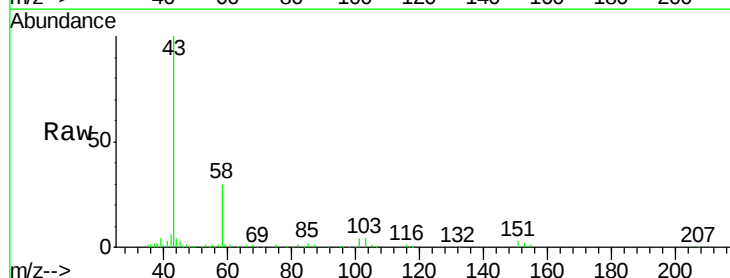
RT: 4.14 min Scan# 366

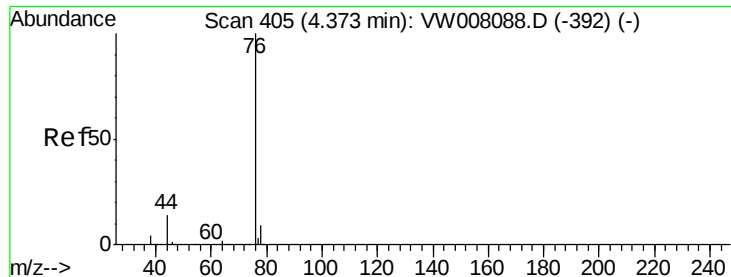
Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion:	43	Resp:	75513
Ion	Ratio	Lower	Upper
43	100		
58	29.9	27.5	41.3





#17

Carbon Disulfide

Concen: 45.917 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion: 76 Resp: 152072

Ion Ratio Lower Upper

76 100

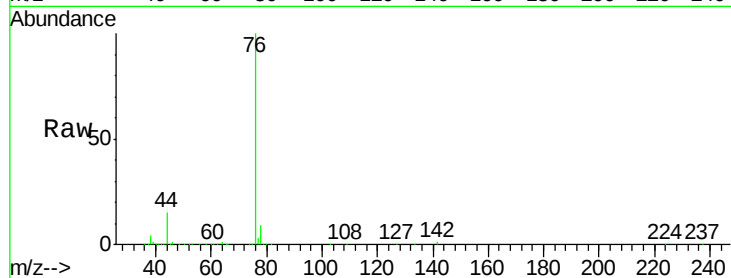
78 9.3 7.0 10.6

Manual Integrations

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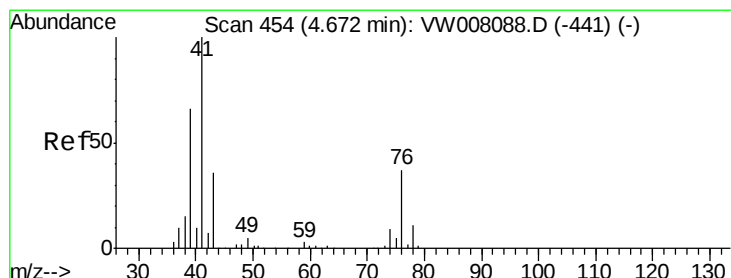
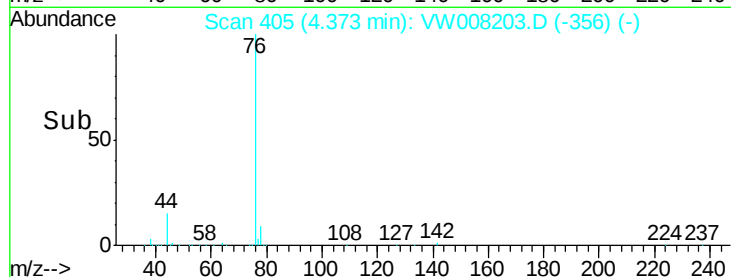
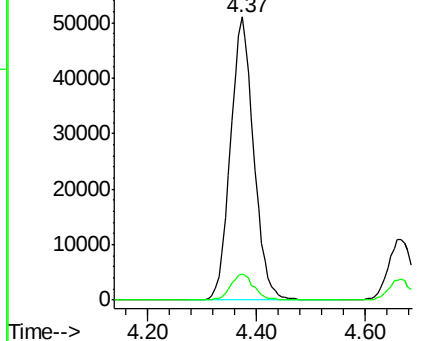
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 69.439 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008203.D

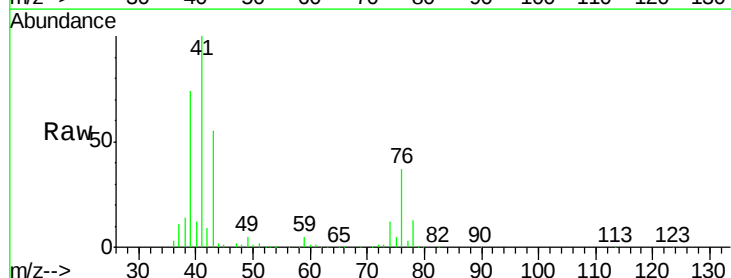
Acq: 11 Jan 2019 19:17

Tgt Ion: 43 Resp: 47752

Ion Ratio Lower Upper

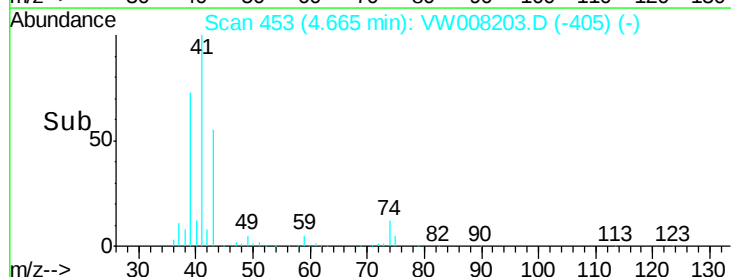
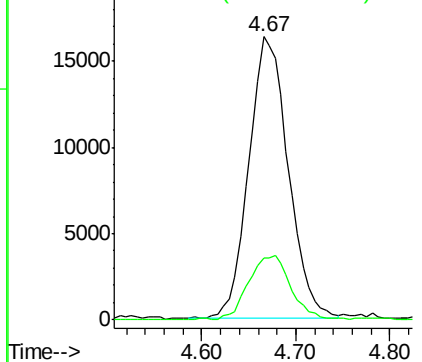
43 100

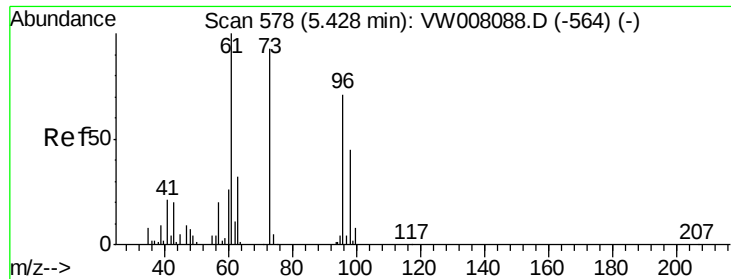
74 24.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





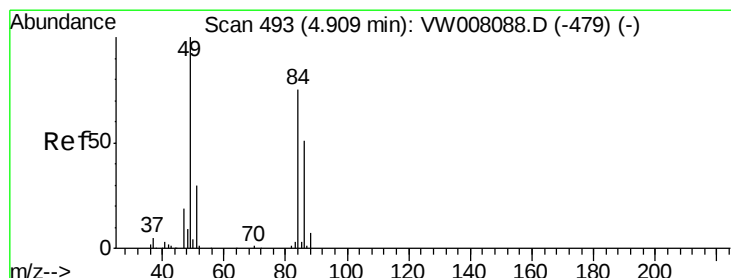
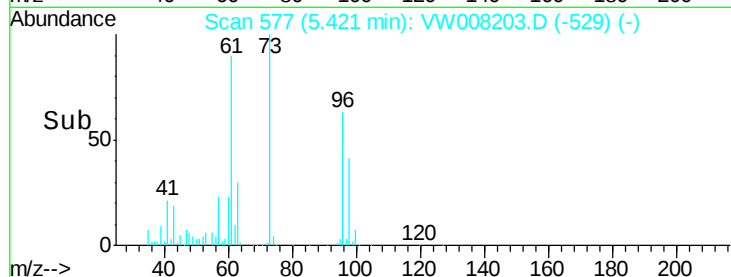
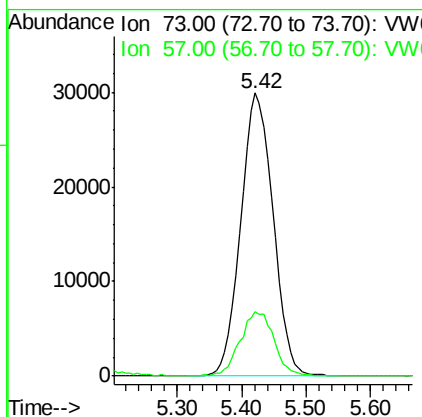
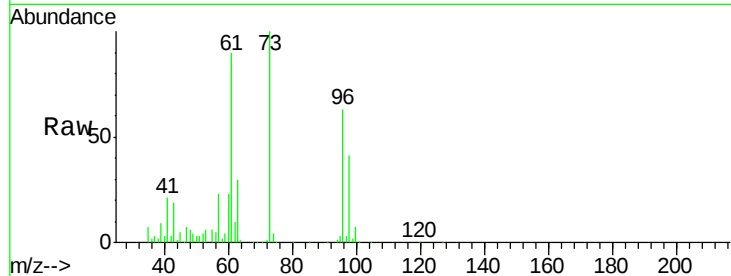
#19
Methvl tert-butvl Ether
Concen: 60.048 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	16.7	25.1

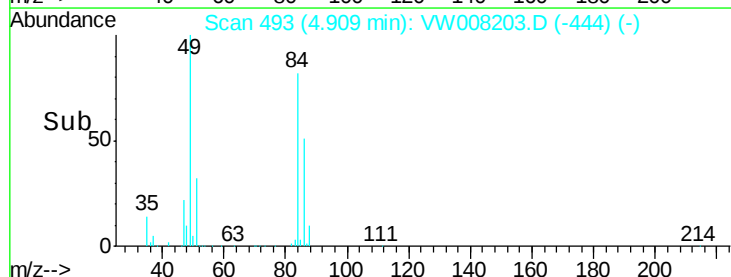
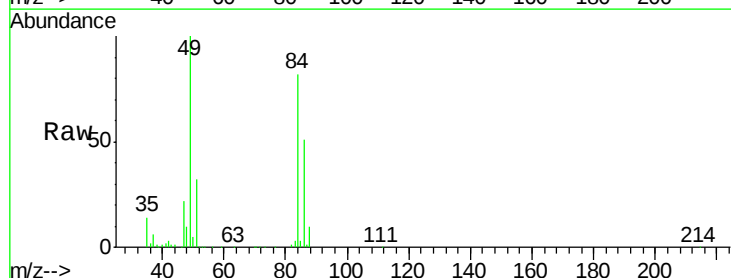
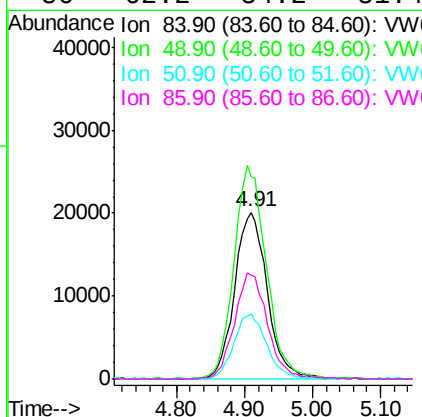
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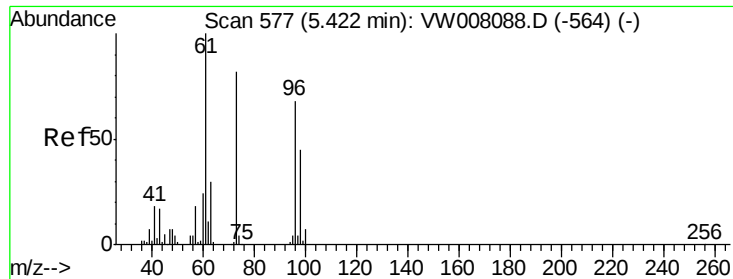
apatel
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#20
Methylene Chloride
Concen: 63.992 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	107.1	160.7
51	39.2	32.4	48.6
86	62.2	54.2	81.4





#21

trans-1,2-Dichloroethene

Concen: 50.124 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

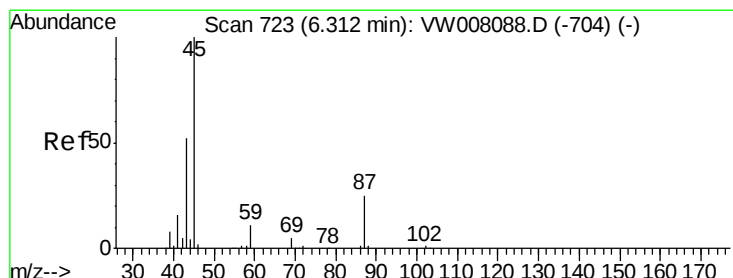
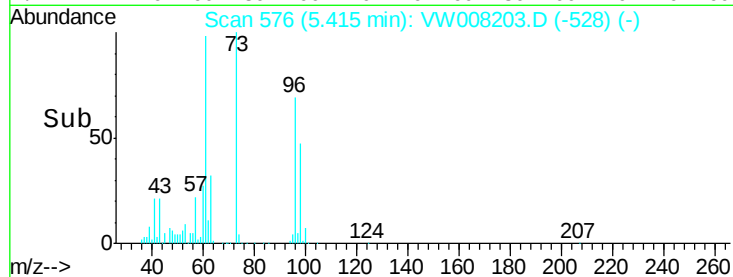
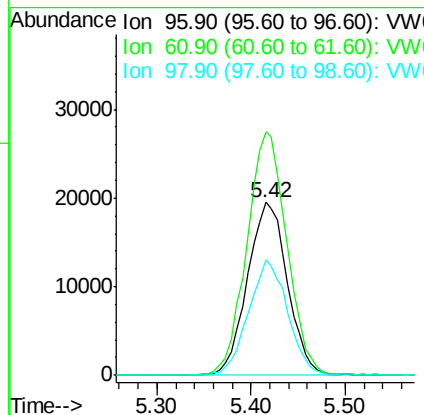
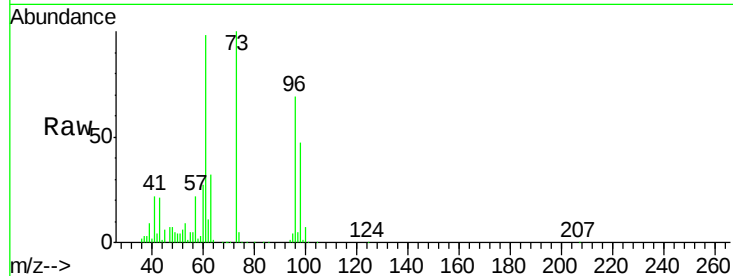
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	96	Resp:	57749
Ion	Ratio	Lower	Upper
96	100		
61	140.4	117.4	176.0
98	67.0	52.2	78.4

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#22

Diisopropyl ether

Concen: 55.625 ug/l

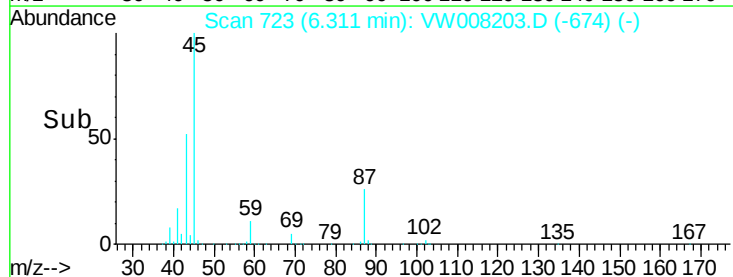
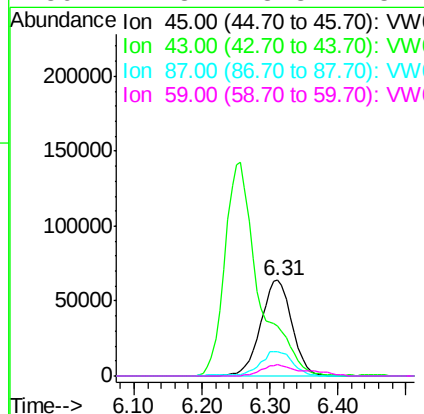
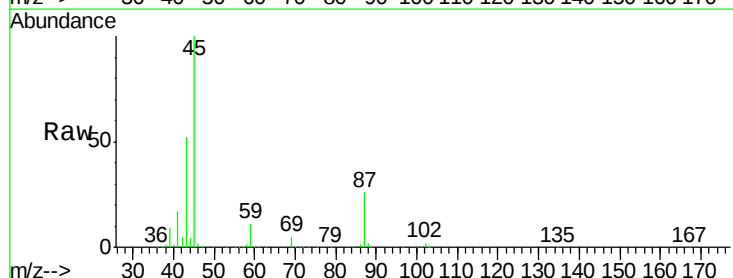
RT: 6.31 min Scan# 723

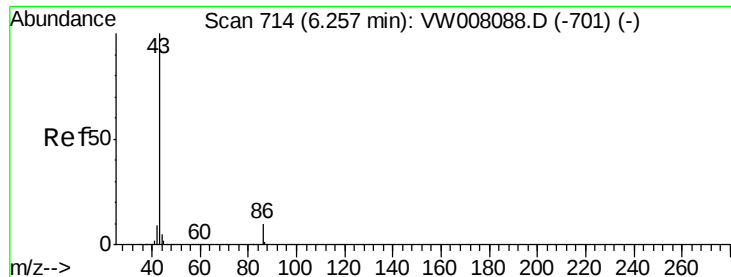
Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion:	45	Resp:	204203
Ion	Ratio	Lower	Upper
45	100		
43	52.2	41.7	62.5
87	25.5	20.1	30.1
59	11.3	8.8	13.2





#23

Vinyl Acetate

Concen: 255.212 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion: 43 Resp: 492054

Ion Ratio Lower Upper

43 100

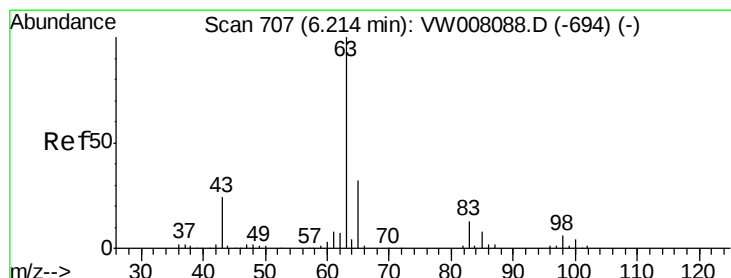
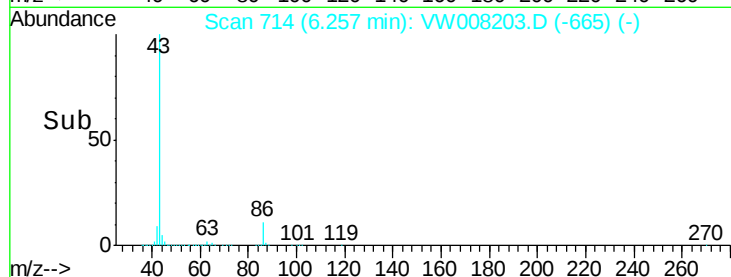
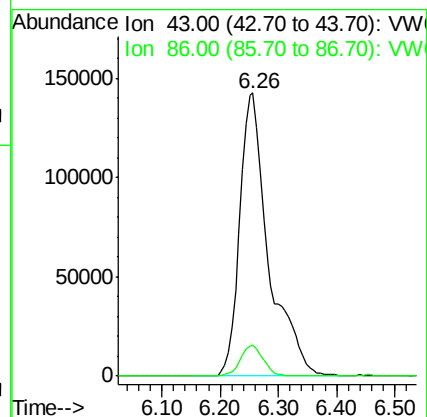
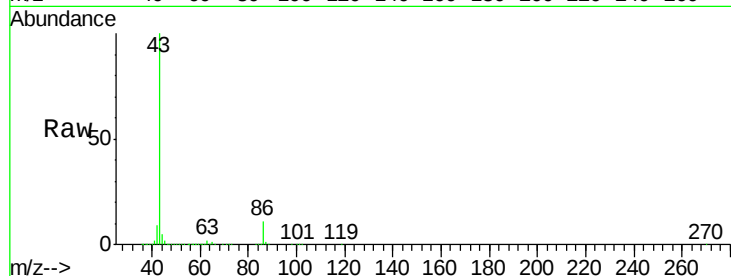
86 10.9 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 52.068 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

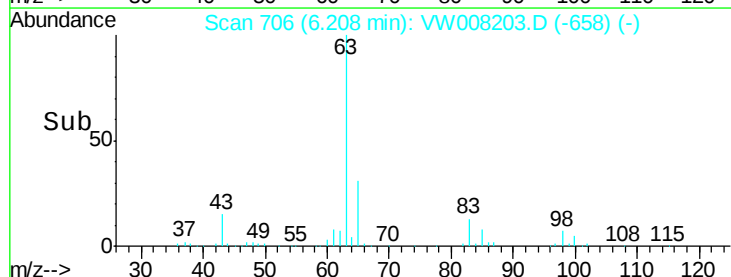
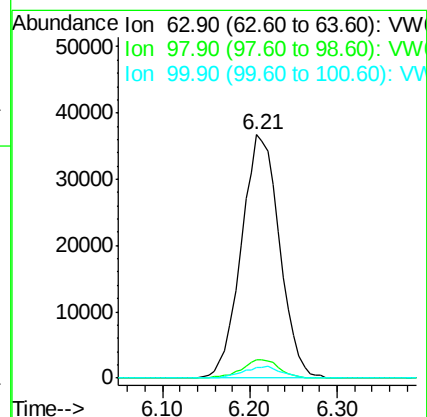
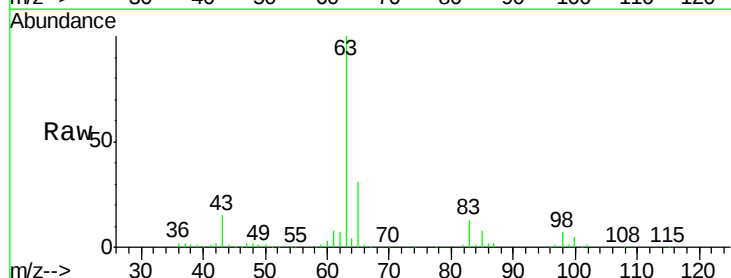
Tgt Ion: 63 Resp: 111371

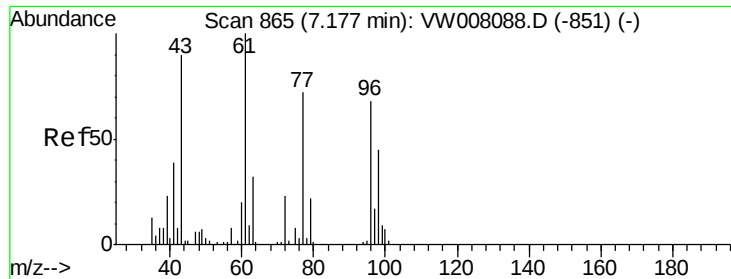
Ion Ratio Lower Upper

63 100

98 7.5 3.2 9.6

100 4.6 2.0 6.0





#25

2-Butanone

Concen: 308.632 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion: 43 Resp: 93433

Ion Ratio Lower Upper

43 100

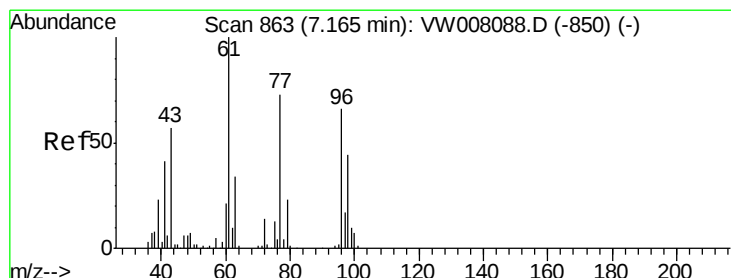
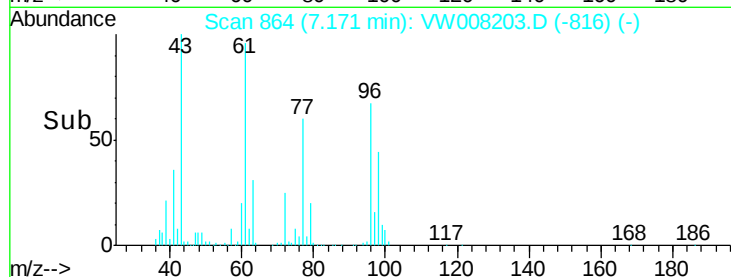
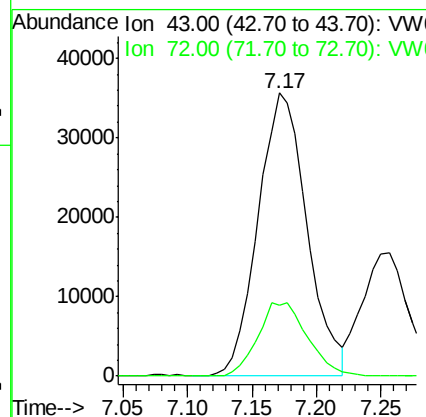
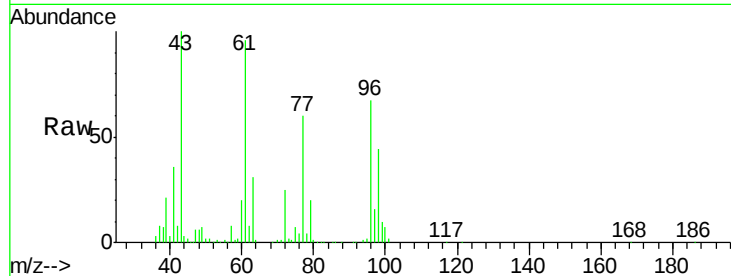
72 24.9 20.5 30.7

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#26

2,2-Dichloropropane

Concen: 47.019 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008203.D

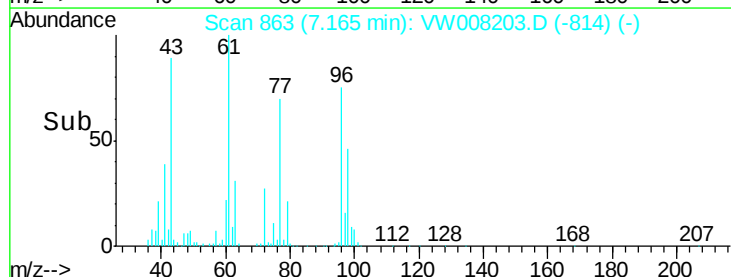
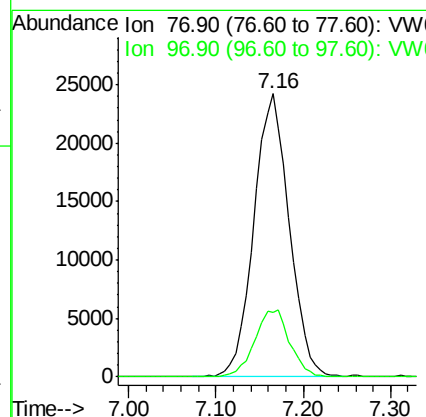
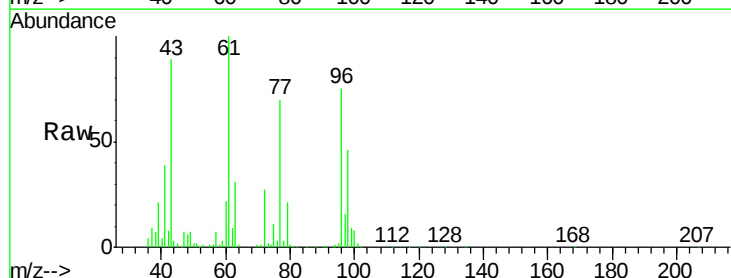
Acq: 11 Jan 2019 19:17

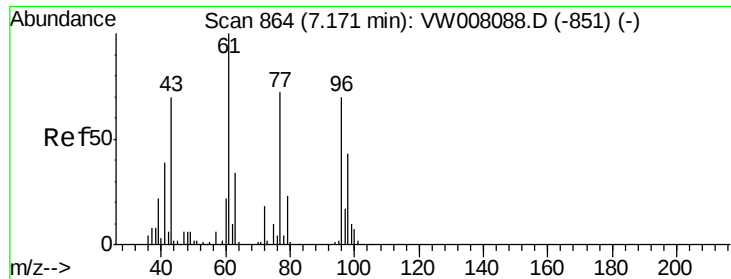
Tgt Ion: 77 Resp: 68145

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.1





#27

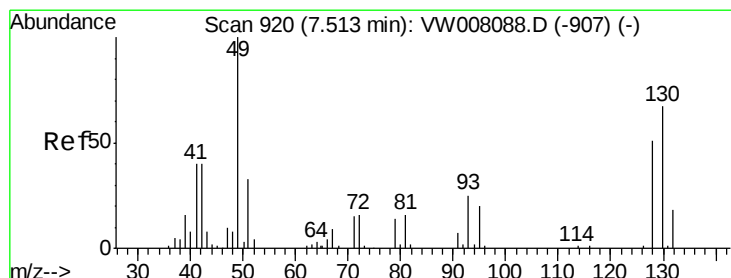
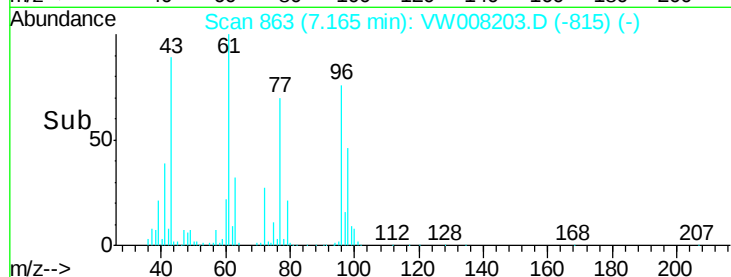
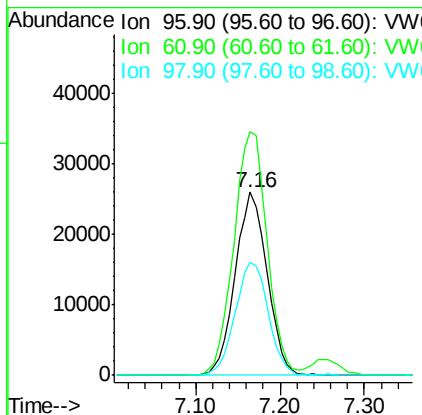
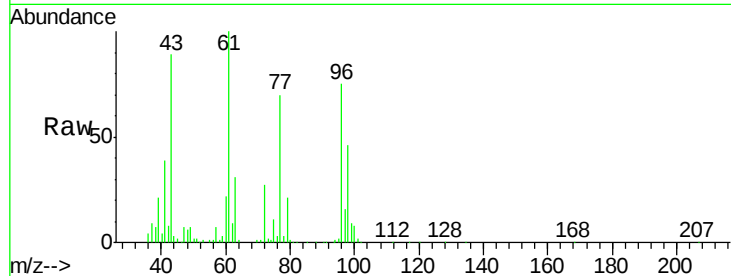
cis-1,2-Dichloroethene
Concen: 52.989 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	300.4
98	63.6	0.0	128.4

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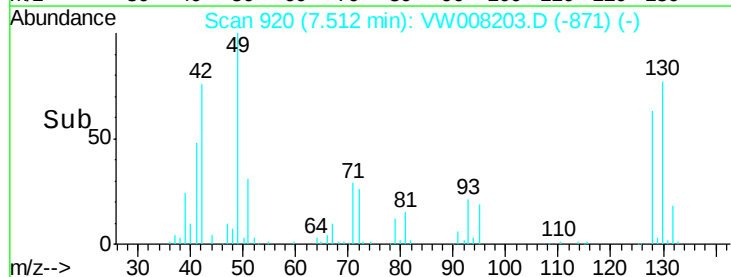
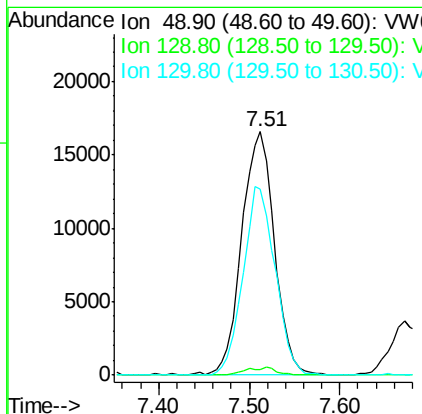
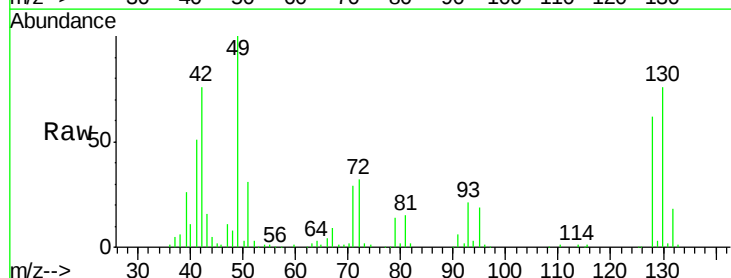
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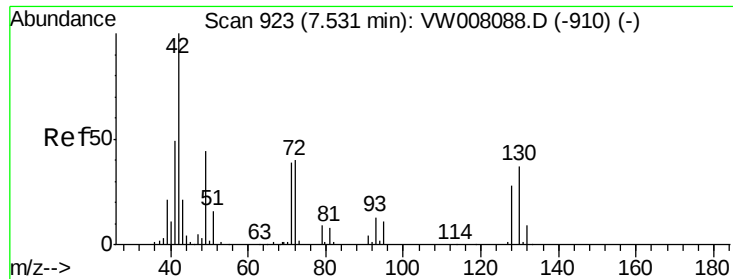


#28

Bromochloromethane
Concen: 48.944 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	2.8#
130	76.1	54.3	81.5





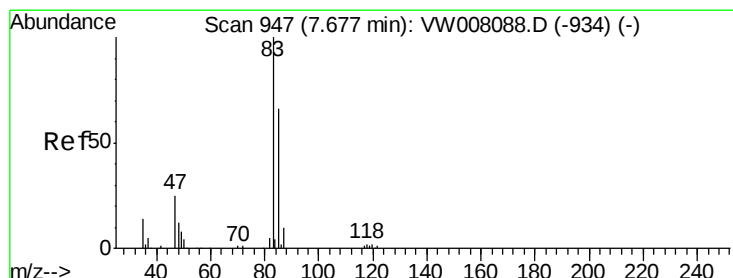
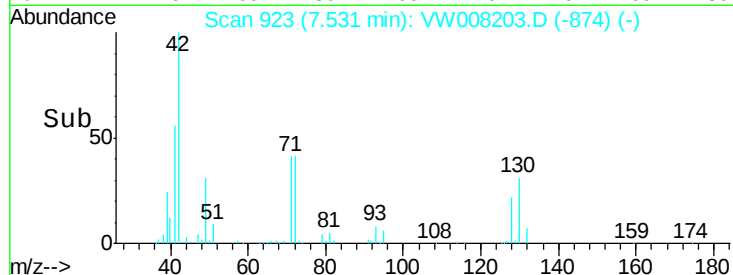
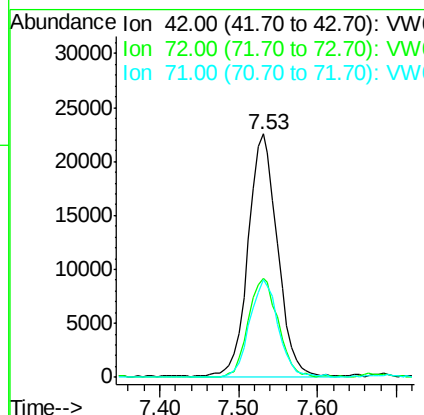
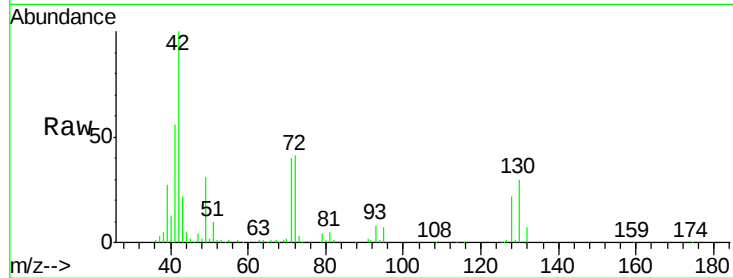
#29
Tetrahydrofuran
Concen: 286.814 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion:	42	Resp:	58000
Ion Ratio	Lower	Upper	
42	100		
72	41.8	32.4	48.6
71	39.5	31.3	46.9

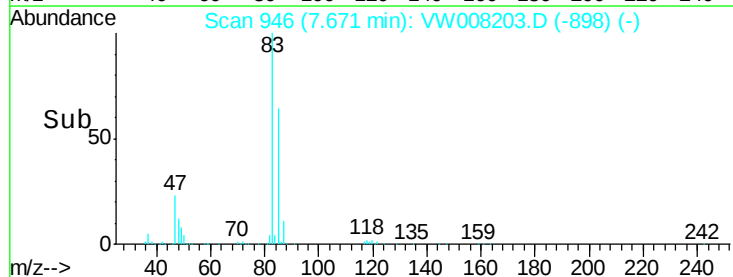
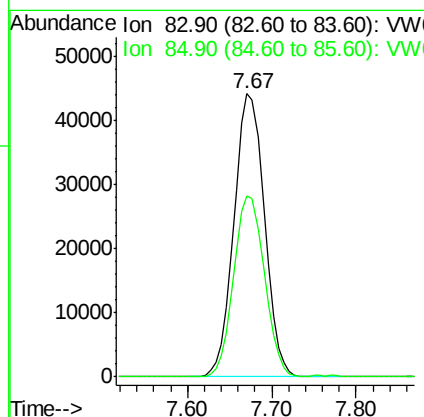
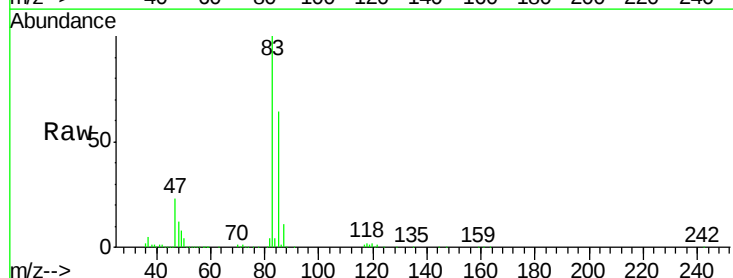
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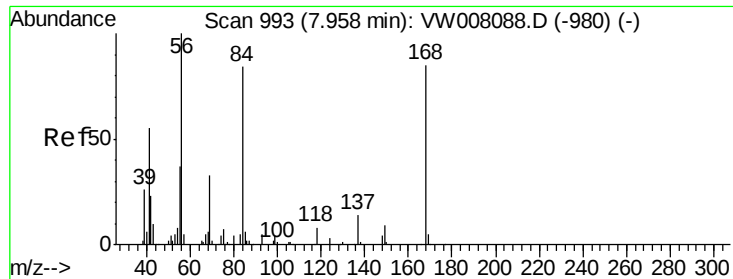
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#30
Chloroform
Concen: 53.232 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion:	83	Resp:	108379
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.2	79.8





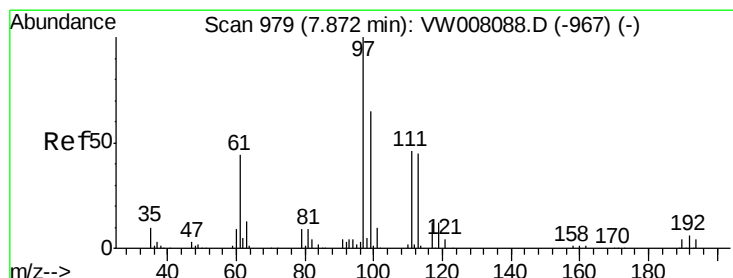
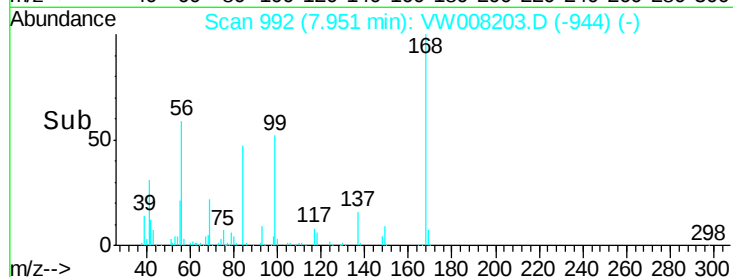
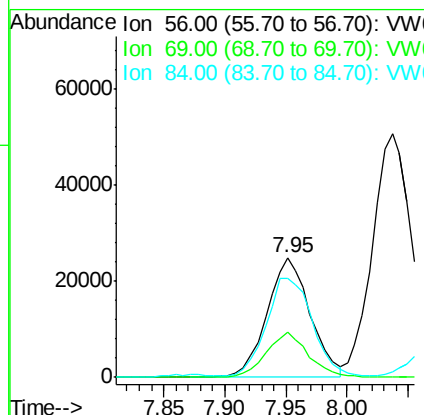
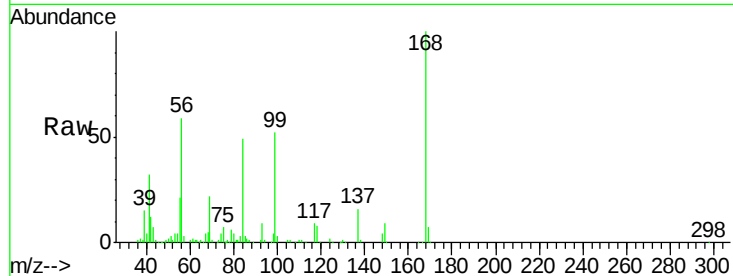
#31
Cyclohexane
Concen: 26.684 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.9	26.2	39.4
84	80.4	67.4	101.2

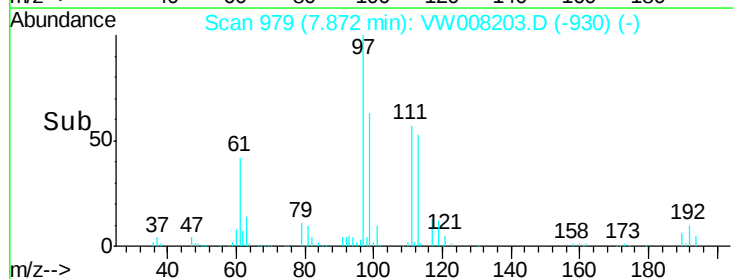
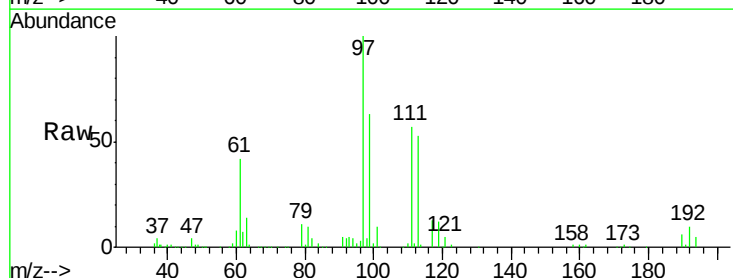
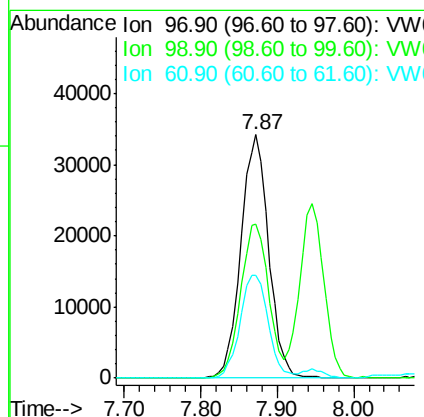
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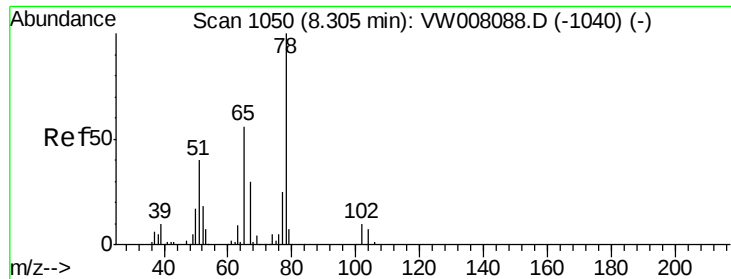
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#32
1,1,1-Trichloroethane
Concen: 48.505 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	43.4	35.6	53.4





#33

1,2-Dichloroethane-d4

Concen: 50.951 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion: 65 Resp: 55438

Ion Ratio Lower Upper

65 100

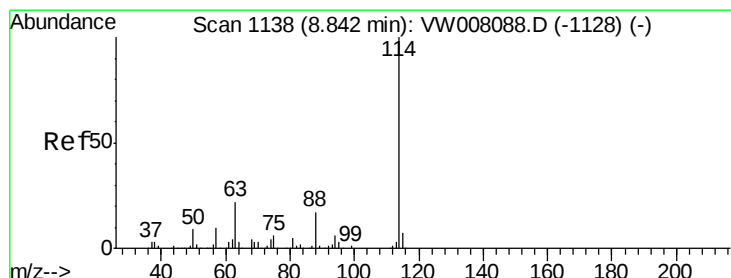
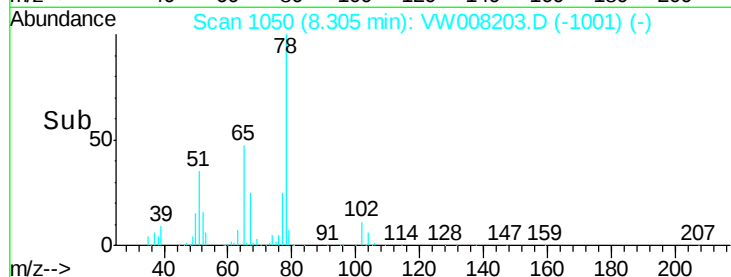
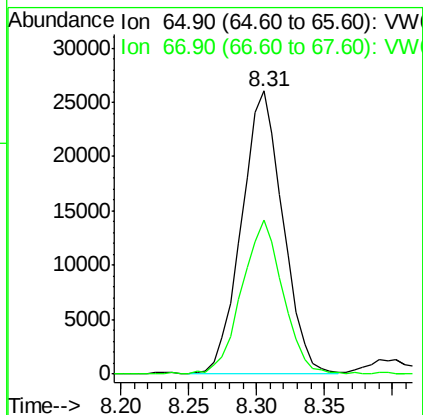
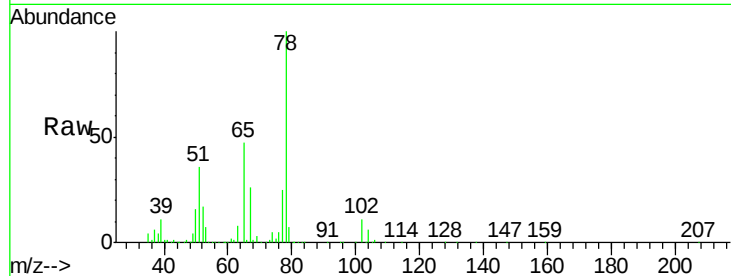
67 54.4 0.0 106.8

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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: VW008203.D

Acq: 11 Jan 2019 19:17

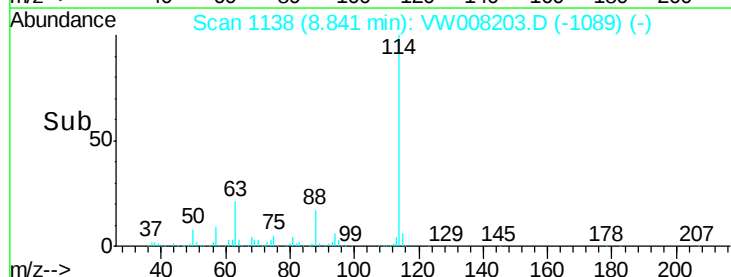
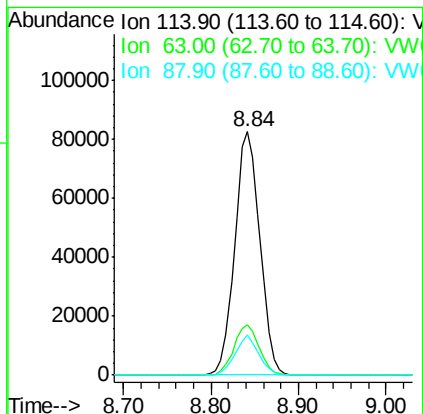
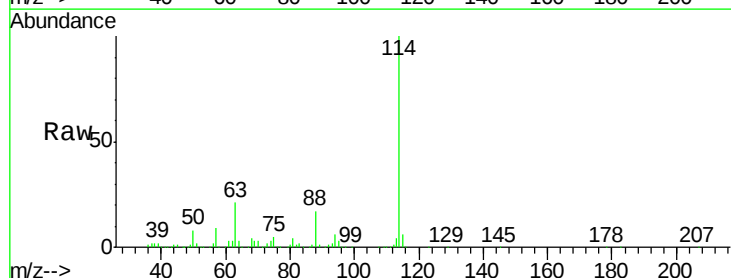
Tgt Ion: 114 Resp: 164402

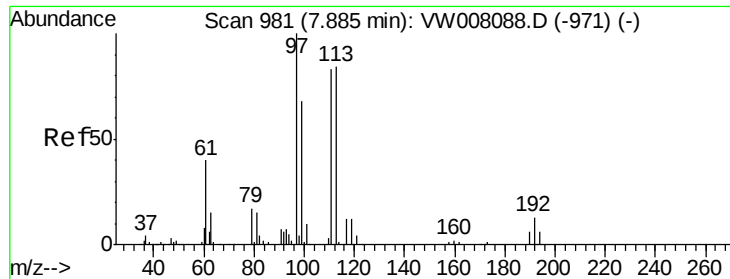
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.4

88 16.5 0.0 33.4





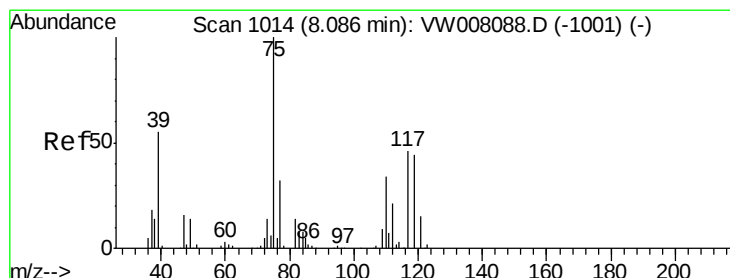
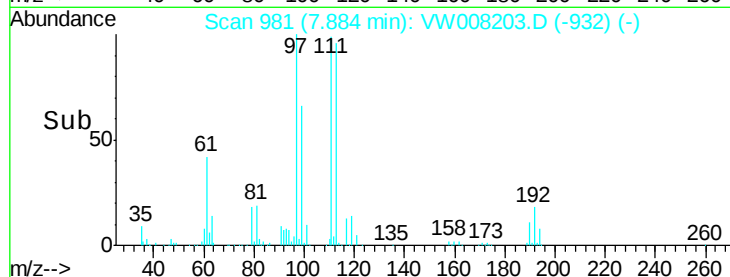
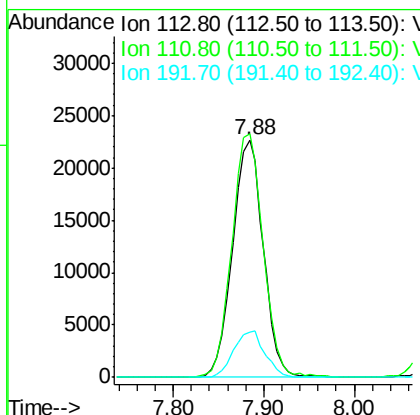
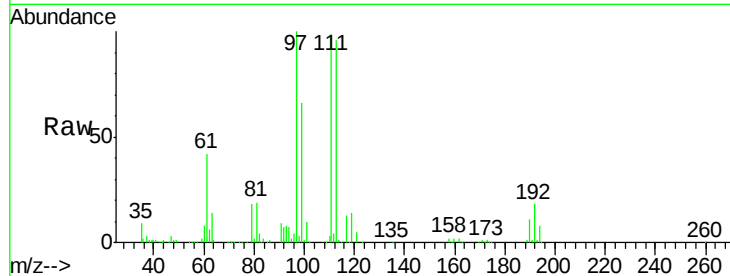
#35
 Dibromofluoromethane
 Concen: 55.445 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.8	122.8
192	19.9	12.8	19.2#

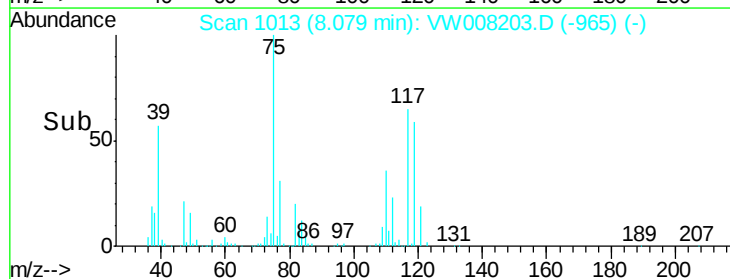
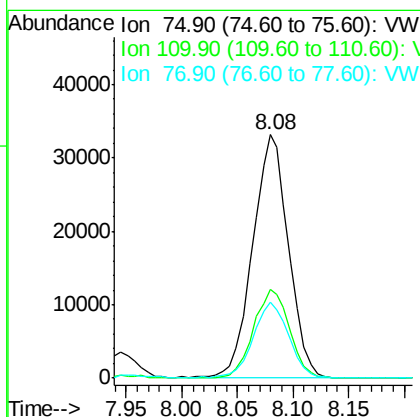
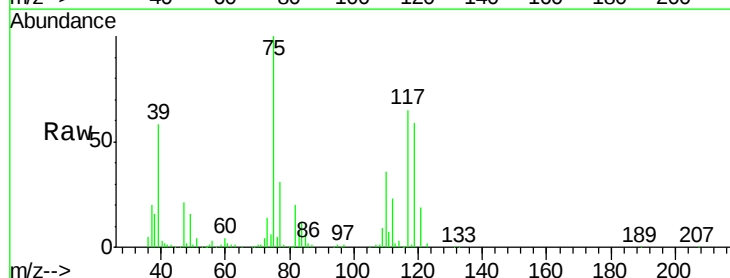
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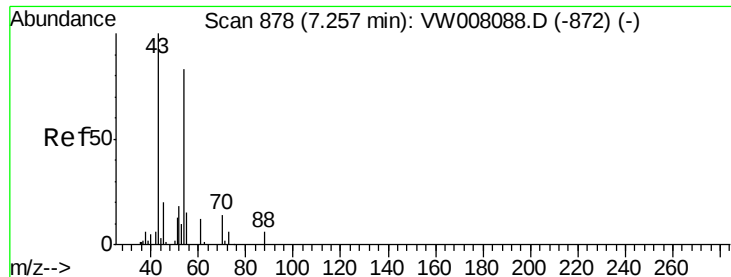
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#36
 1,1-Dichloropropene
 Concen: 43.832 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.1	51.3
77	31.0	25.5	38.3





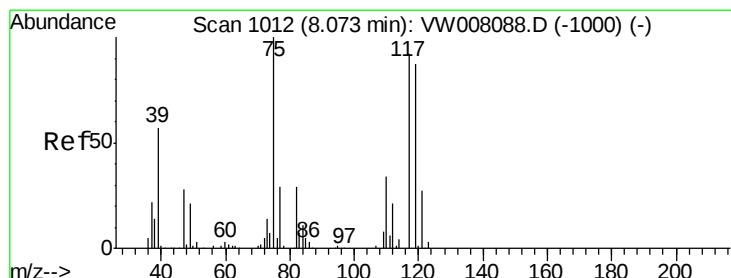
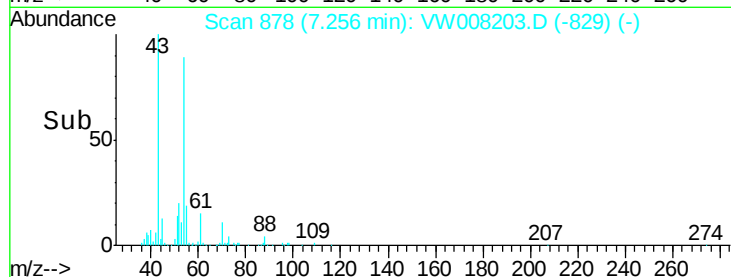
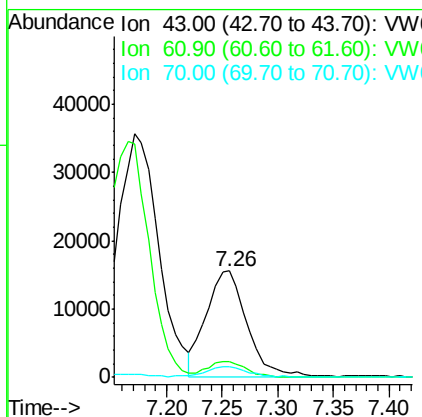
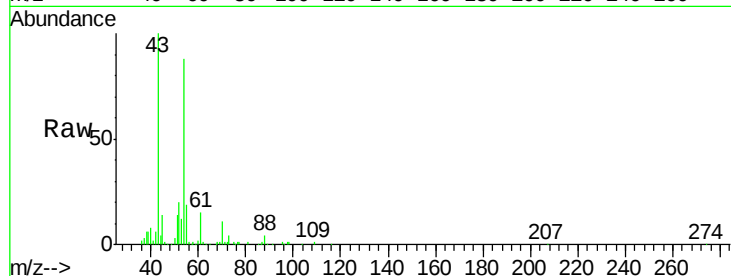
#37
Ethyl Acetate
Concen: 57.896 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	43	Resp	39281
Ion Ratio	100	Lower	Upper
43	100		
61	15.0	10.6	16.0
70	11.1	8.9	13.3

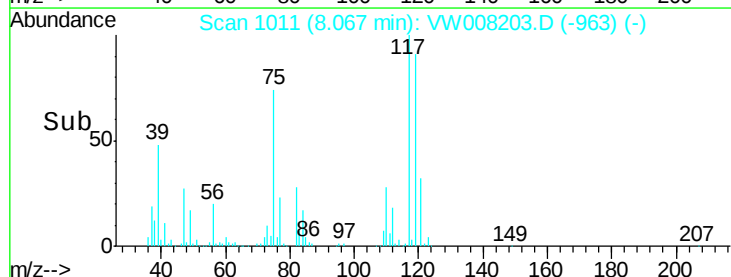
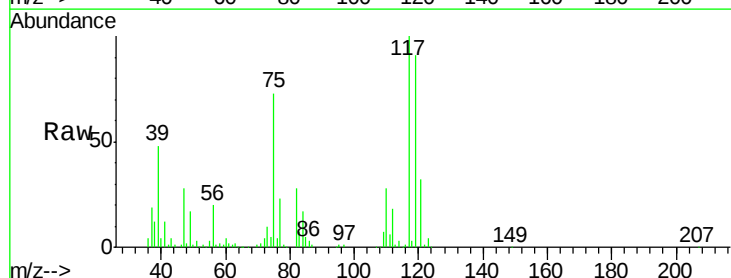
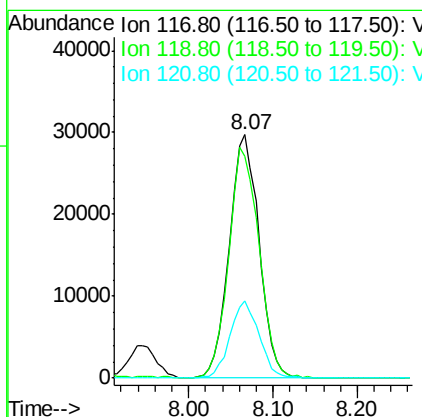
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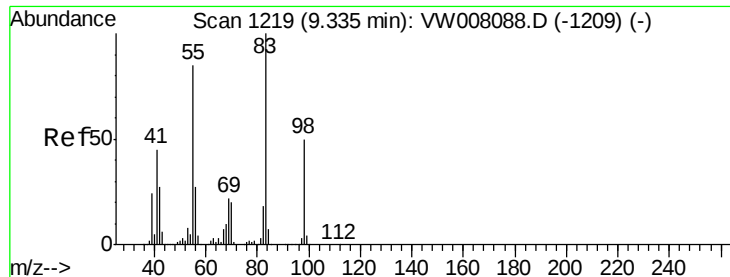
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#38
Carbon Tetrachloride
Concen: 46.054 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	117	Resp	71385
Ion Ratio	100	Lower	Upper
117	100		
119	91.3	75.8	113.8
121	31.7	23.7	35.5





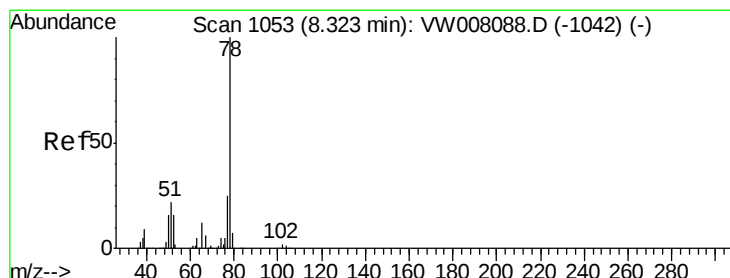
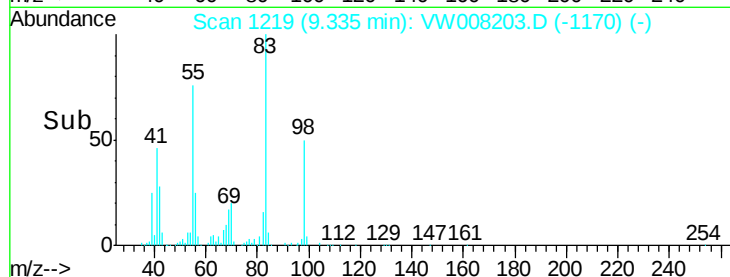
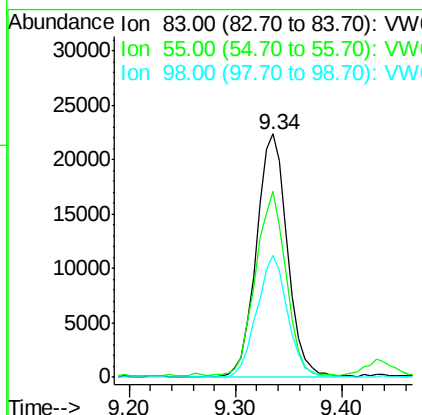
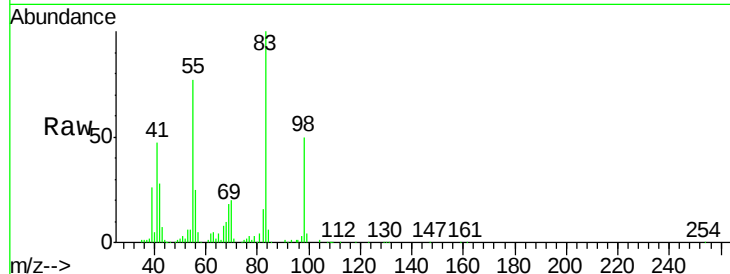
#39
Methvlcvclohexane
Concen: 21.238 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	67.8	101.6
98	50.0	40.2	60.4

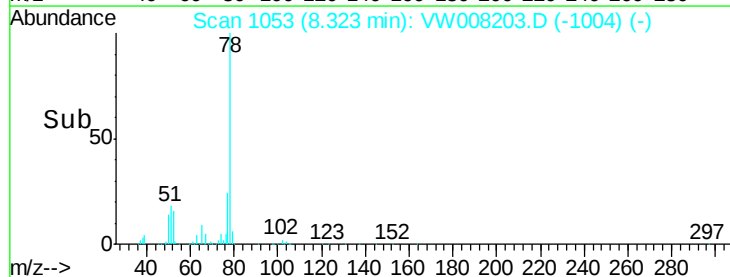
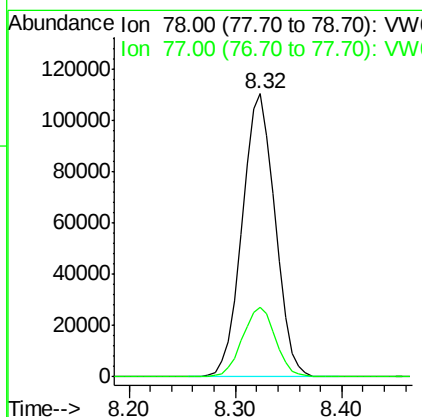
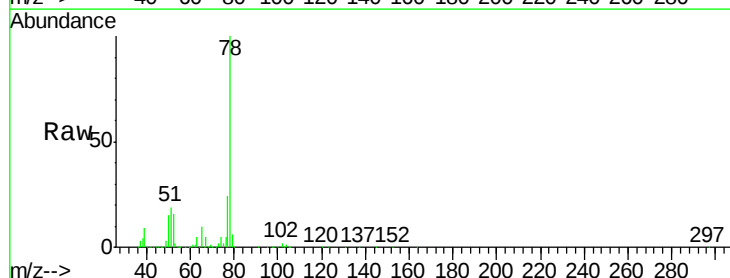
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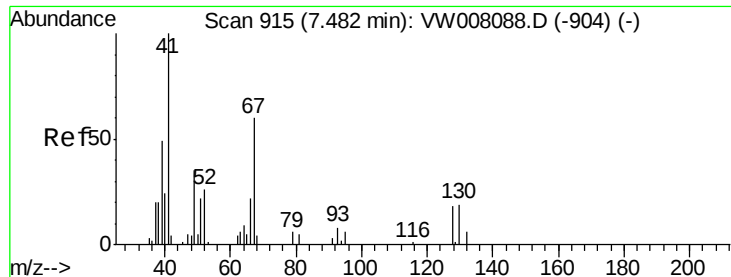
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#40
Benzene
Concen: 52.095 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.2	30.4





#41

Methacrylonitrile

Concen: 59.692 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

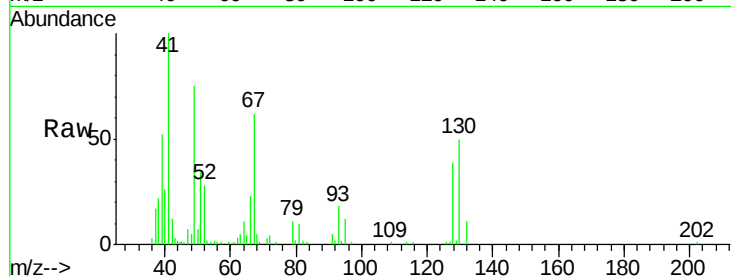
ClientSampleId :

CPSB-06(15-20)MSD

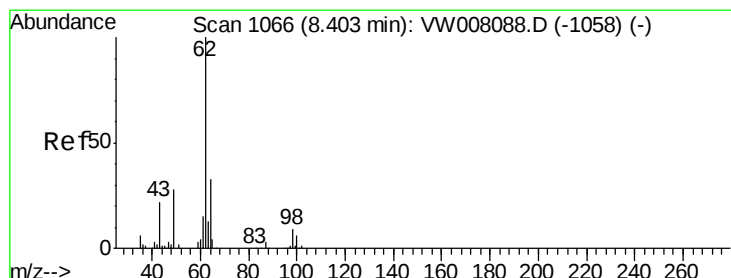
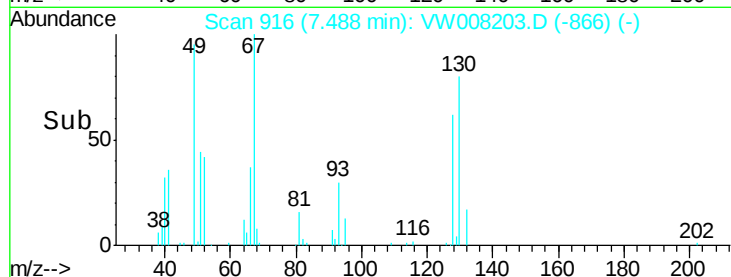
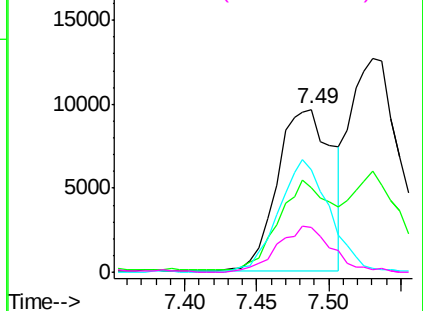
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		25583		
39	52.1		47.9	71.9	
67	64.9		56.3	84.5	
52	27.9		24.5	36.7	

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



#42

1,2-Dichloroethane

Concen: 54.159 ug/l

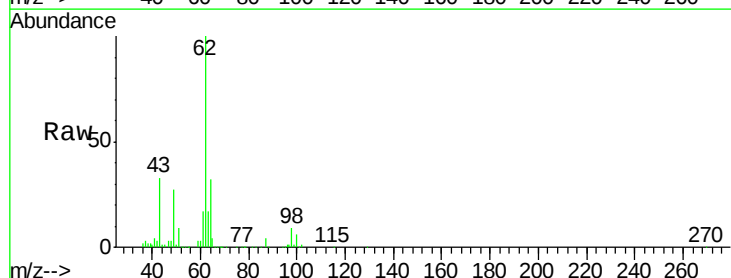
RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

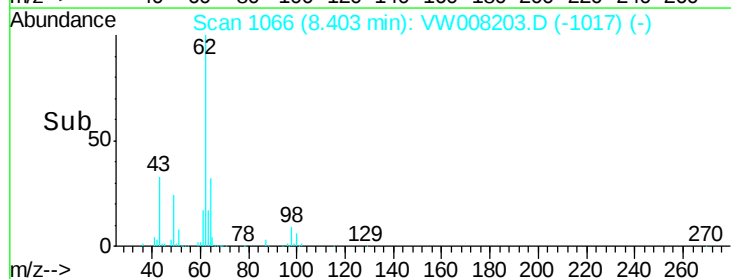
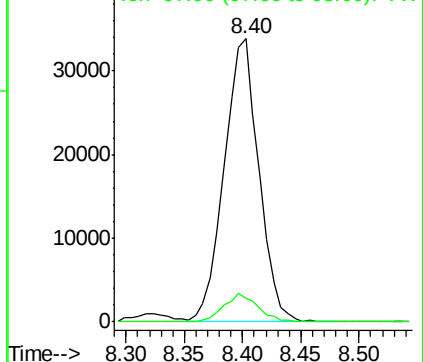
Lab File: VW008203.D

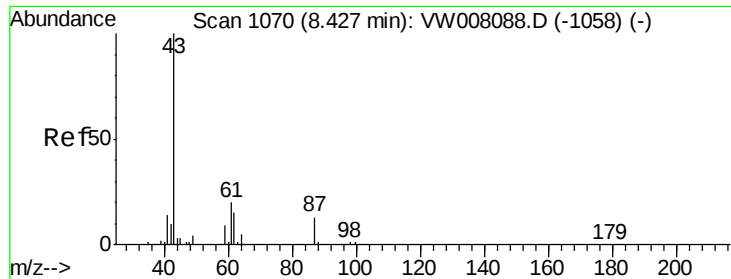
Acq: 11 Jan 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		69967		
98	9.9		0.0	18.6	



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





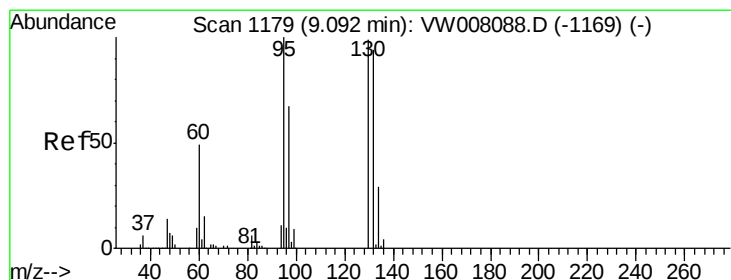
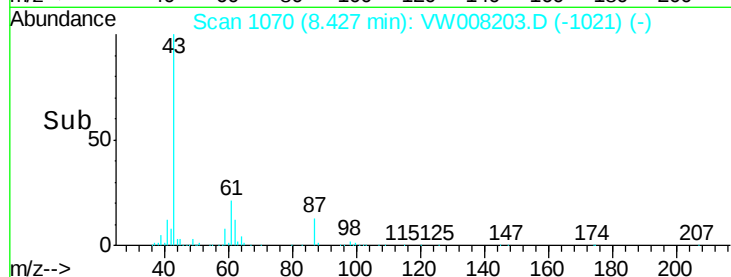
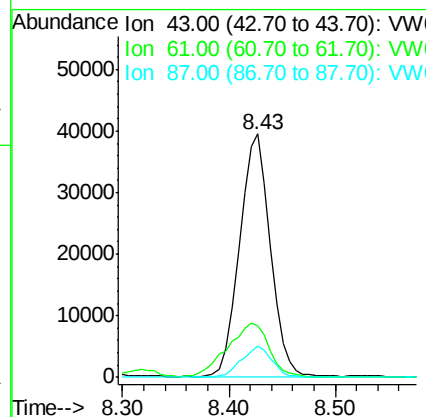
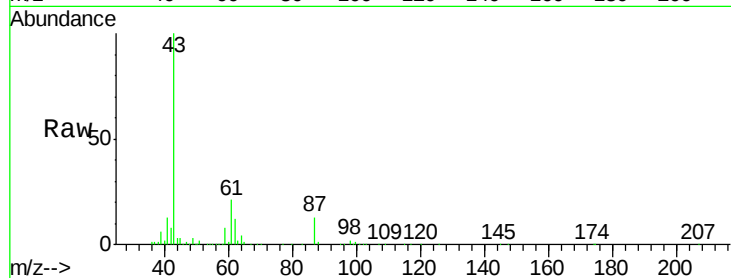
#43
Isopropyl Acetate
Concen: 58.877 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	43	Resp	79868
Ion Ratio	100	Lower	Upper
43	100		
61	30.2	24.8	37.2
87	12.6	10.4	15.6

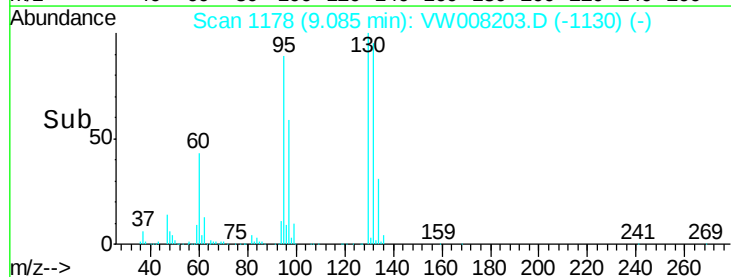
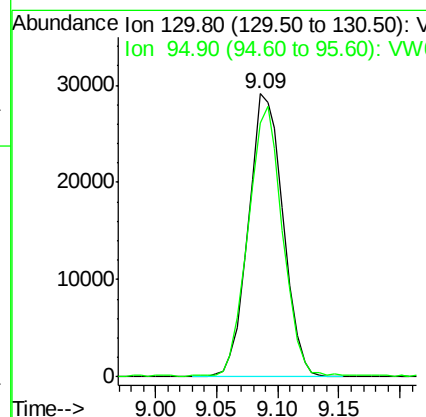
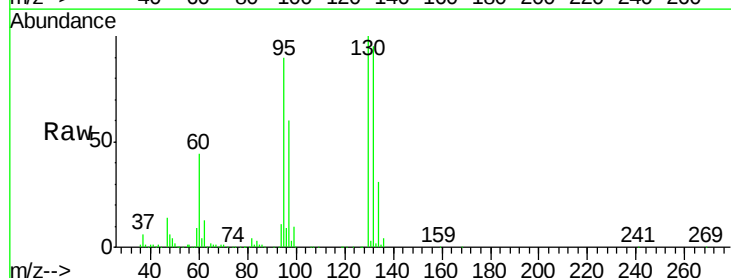
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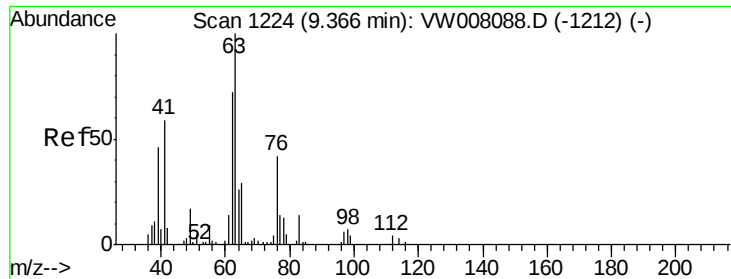
apatel
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#44
Trichloroethene
Concen: 48.837 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	130	Resp	57424
Ion Ratio	100	Lower	Upper
130	100		
95	89.1	0.0	202.8





#45

1,2-Dichloropropane

Concen: 53.807 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion: 63 Resp: 61282

Ion Ratio Lower Upper

63 100

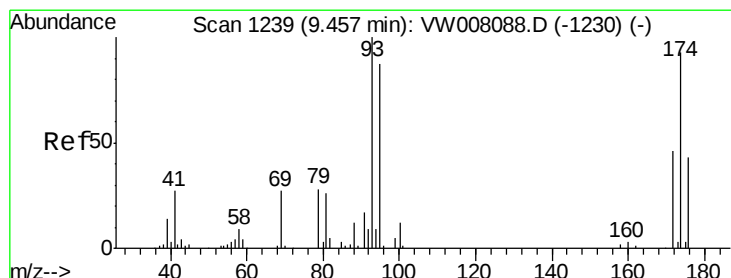
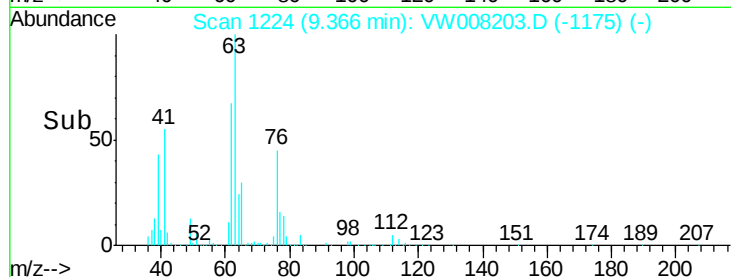
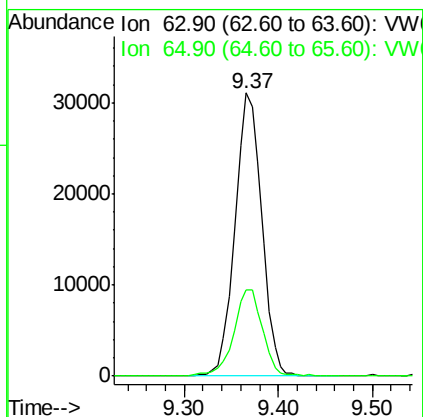
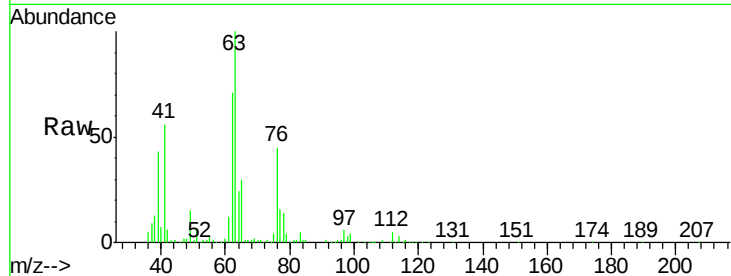
65 30.3 23.3 34.9

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#46

Dibromomethane

Concen: 57.118 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

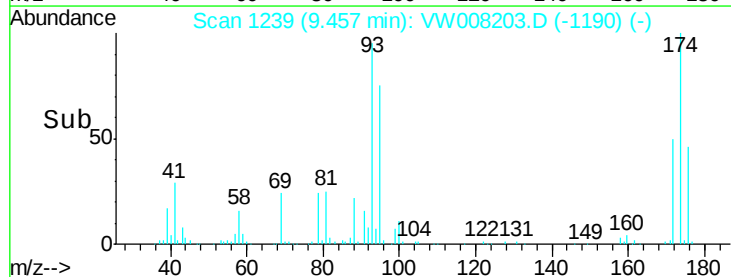
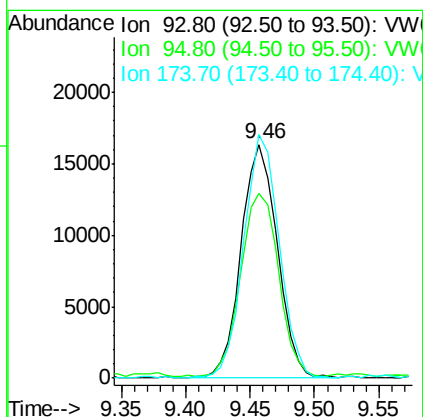
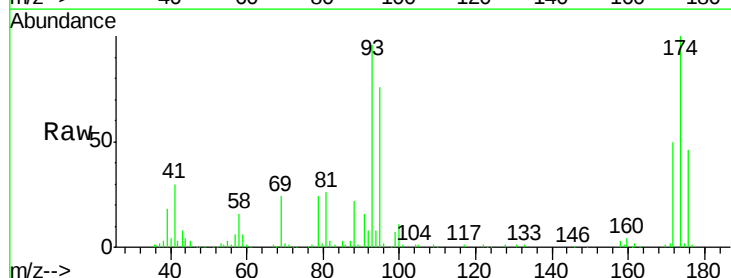
Tgt Ion: 93 Resp: 31948

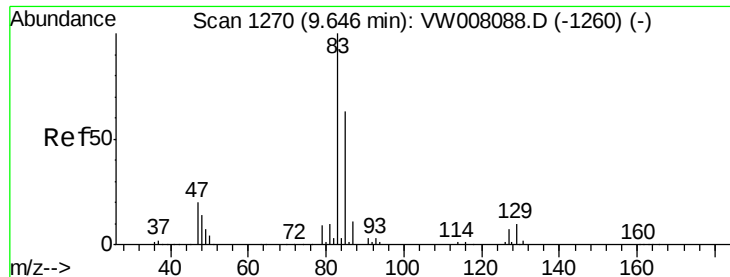
Ion Ratio Lower Upper

93 100

95 82.4 67.5 101.3

174 101.8 72.5 108.7





#47

Bromodichloromethane

Concen: 55.131 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

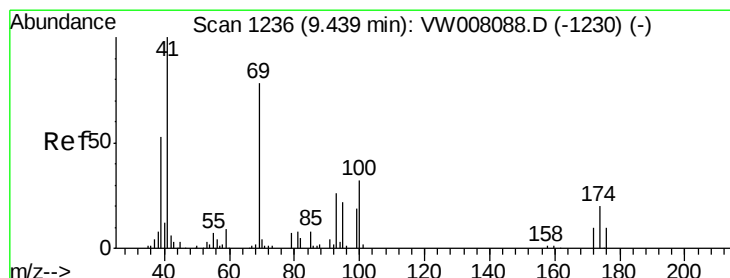
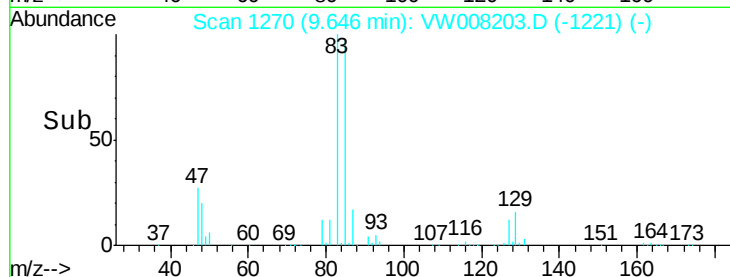
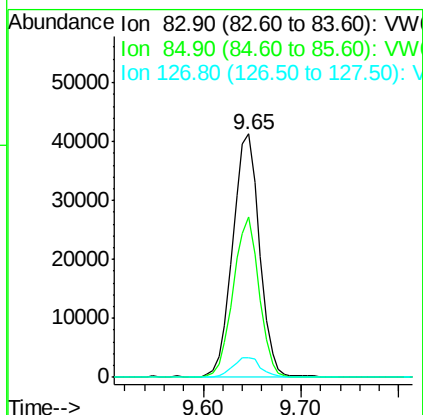
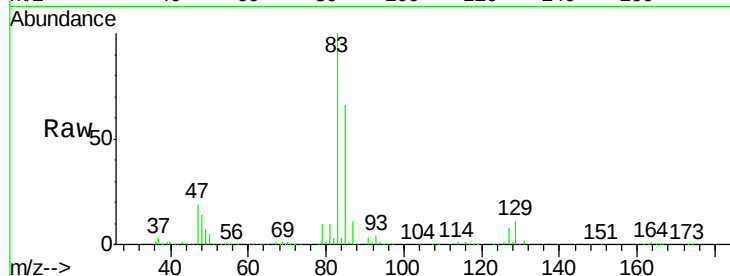
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	83	Resp:	78300
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.7	76.1
127	8.3	6.0	9.0

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#48

Methyl methacrylate

Concen: 62.273 ug/l

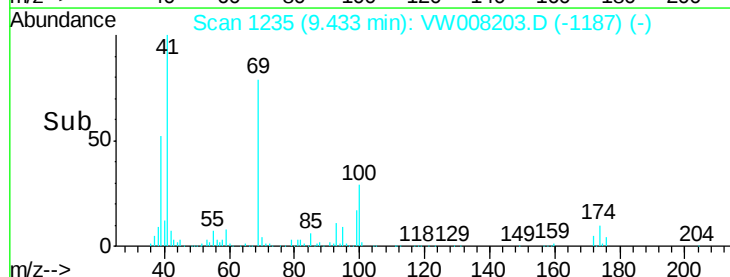
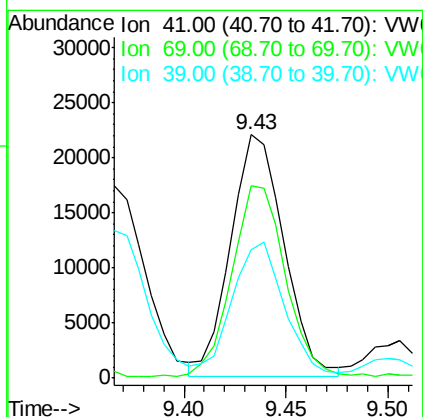
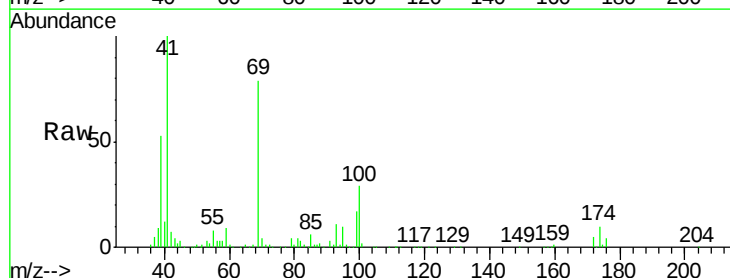
RT: 9.43 min Scan# 1235

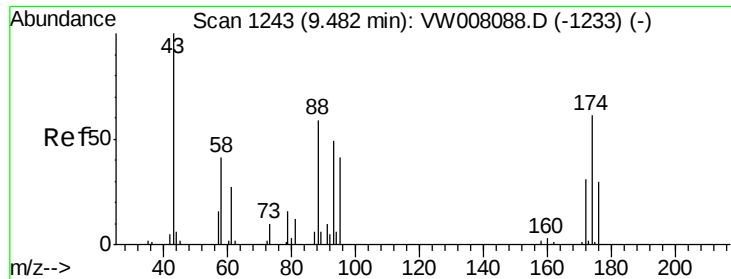
Delta R.T. -0.01 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion:	41	Resp:	39860
Ion	Ratio	Lower	Upper
41	100		
69	78.9	61.9	92.9
39	54.6	43.0	64.4





#49

1,4-Dioxane

Concen: 994.313 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.02 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

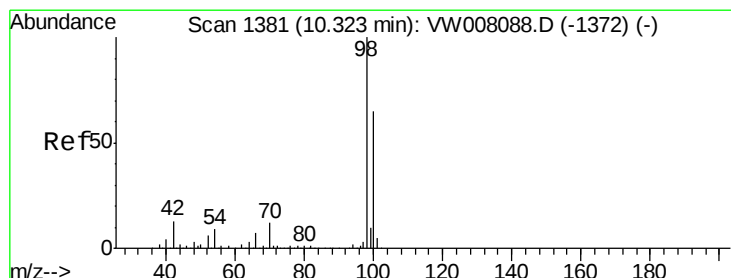
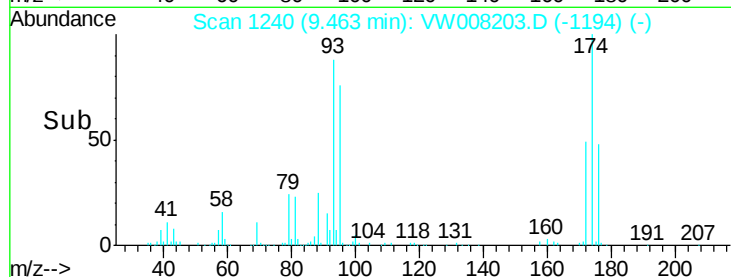
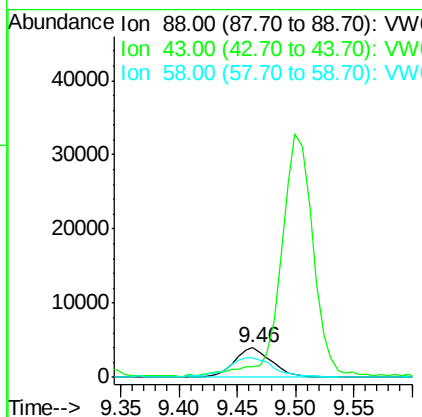
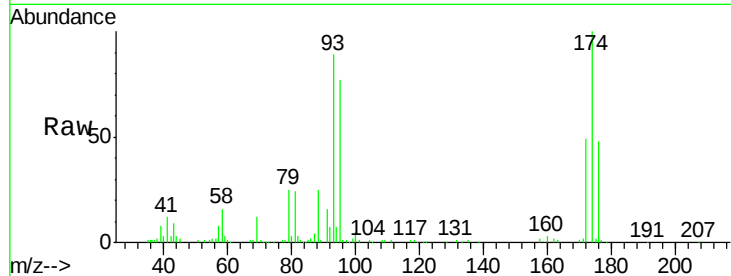
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion	88	Resp	8944
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	81.1	61.7	92.5

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#50

Toluene-d8

Concen: 45.973 ug/l

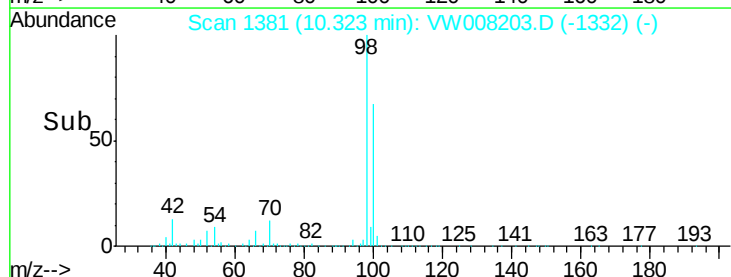
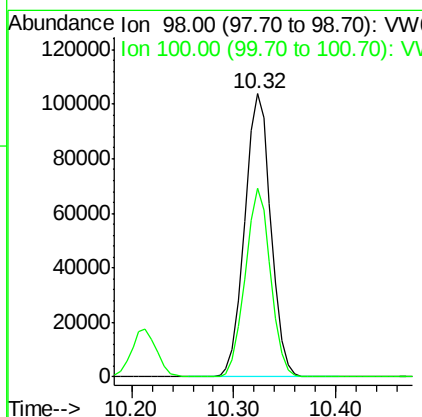
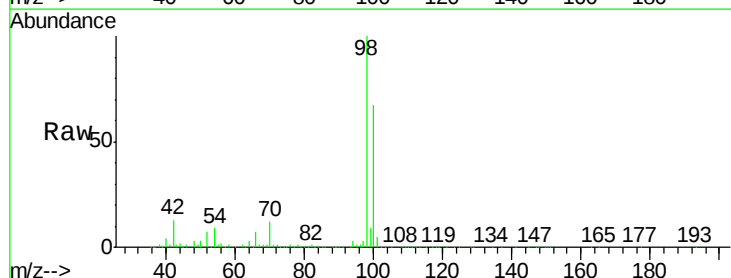
RT: 10.32 min Scan# 1381

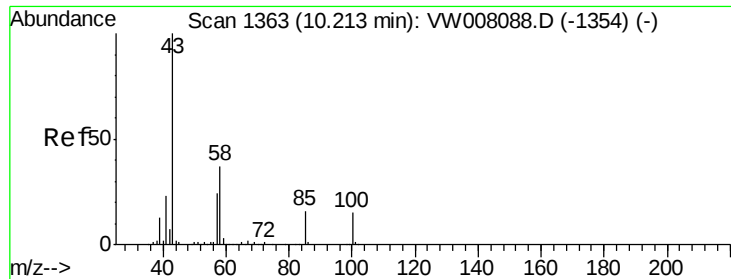
Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion	98	Resp	184983
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 300.709 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion: 43 Resp: 197455

Ion Ratio Lower Upper

43 100

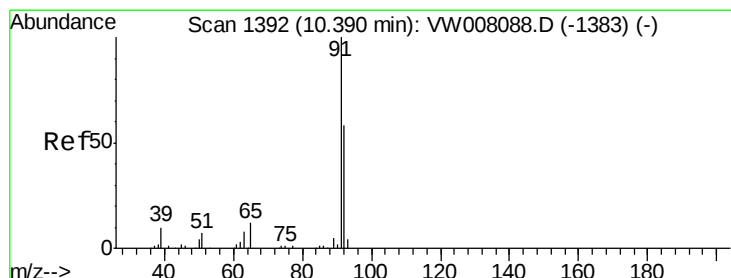
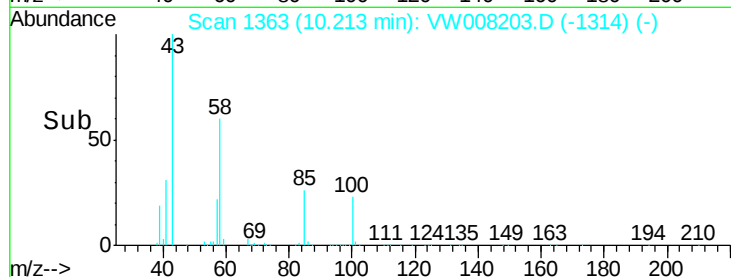
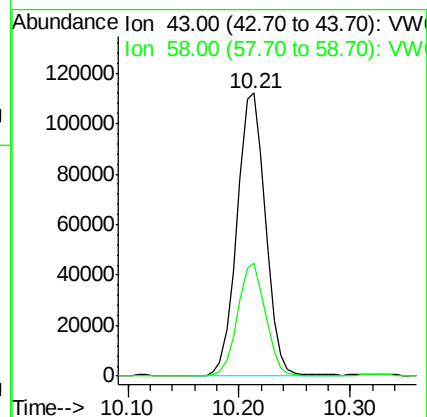
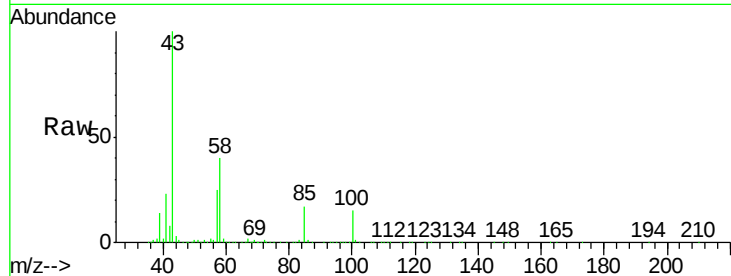
58 39.2 30.6 46.0

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#52

Toluene

Concen: 46.284 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008203.D

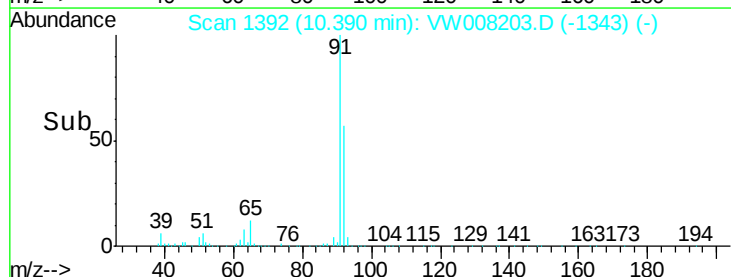
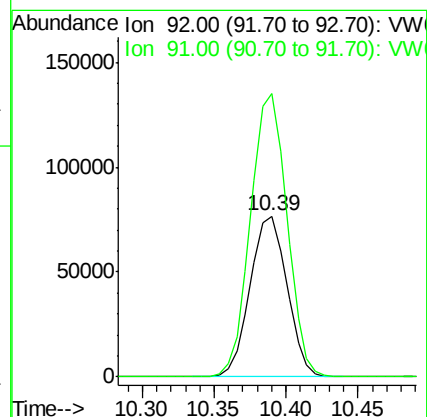
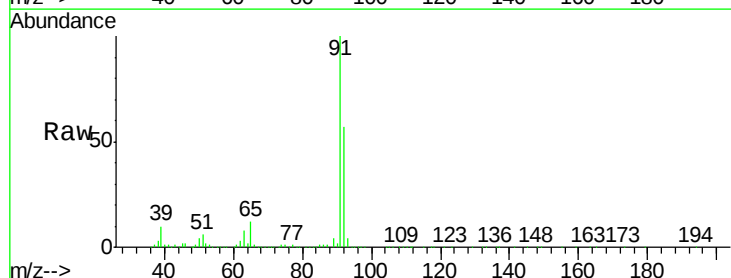
Acq: 11 Jan 2019 19:17

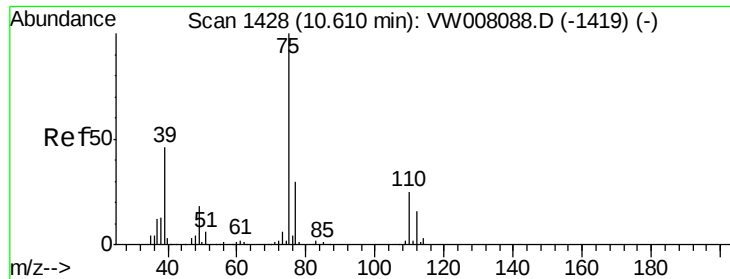
Tgt Ion: 92 Resp: 135770

Ion Ratio Lower Upper

92 100

91 173.7 137.0 205.4





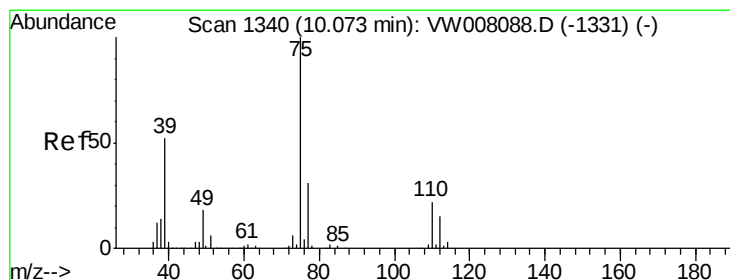
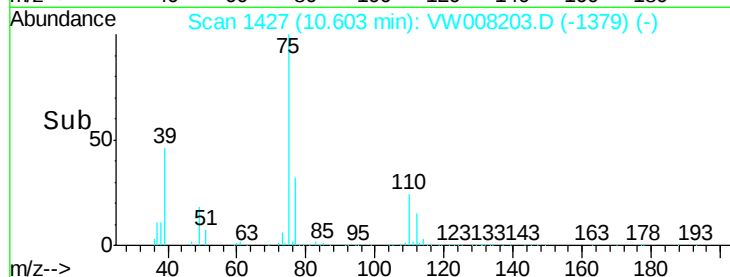
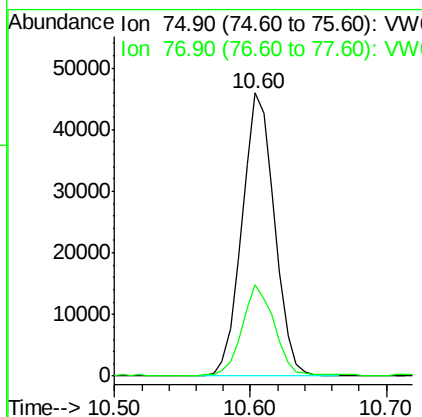
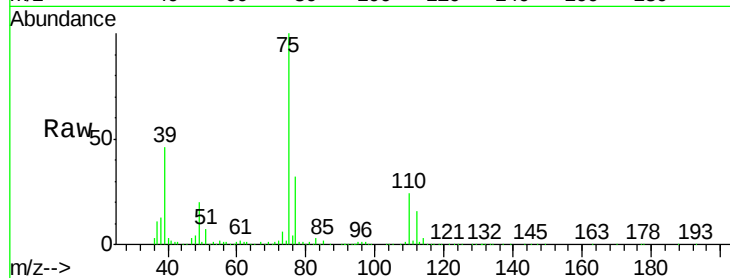
#53
 t-1,3-Dichloropropene
 Concen: 51.944 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.4	36.6

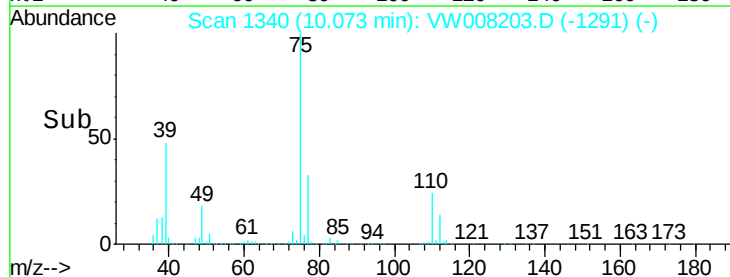
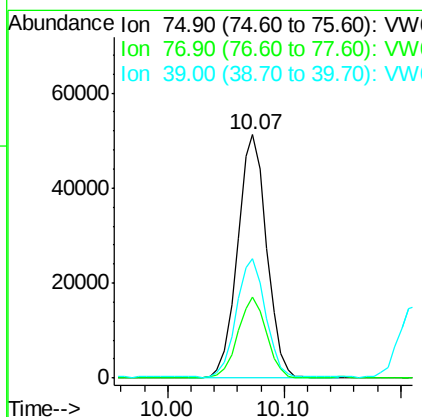
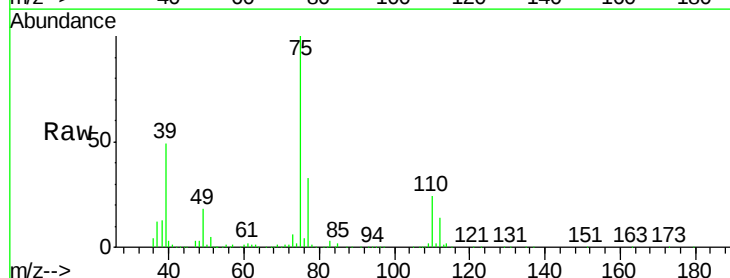
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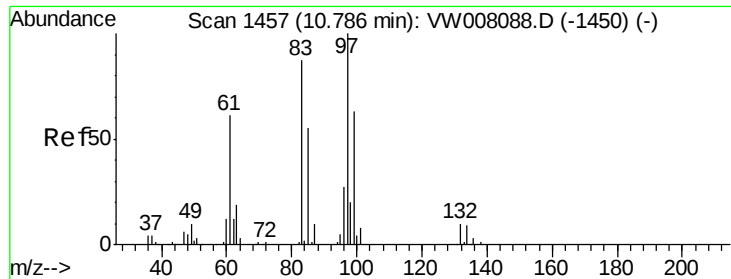
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#54
 cis-1,3-Dichloropropene
 Concen: 51.107 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.2	37.8
39	48.4	41.4	62.0





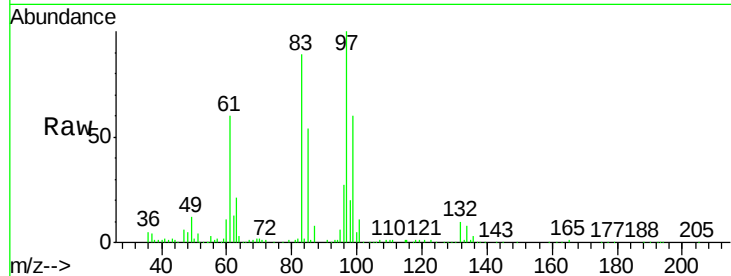
#55
 1,1,2-Trichloroethane
 Concen: 57.999 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

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

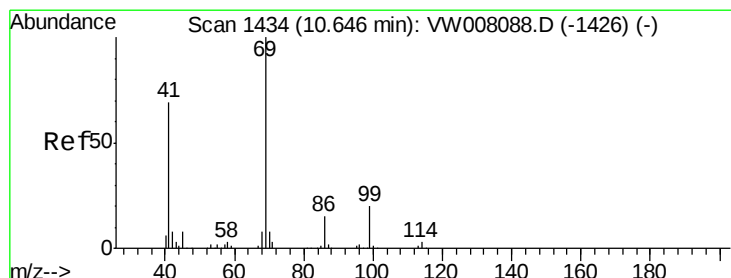
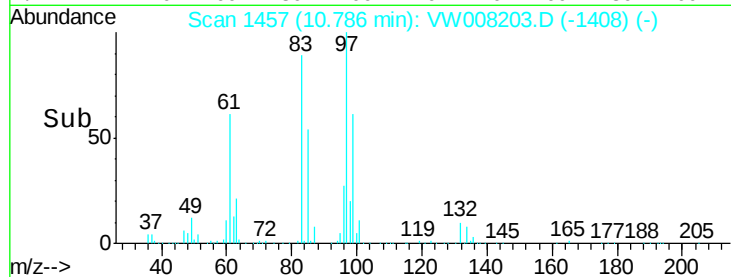
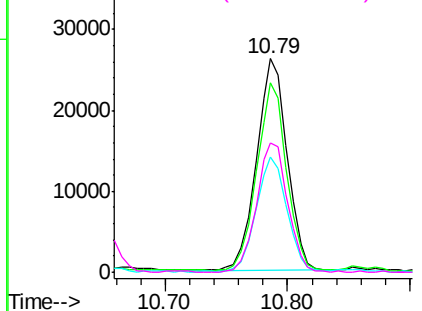
Tot Ion:	97	Resp:	45547
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.3	103.9
85	54.3	43.8	65.6
99	60.5	50.0	75.0

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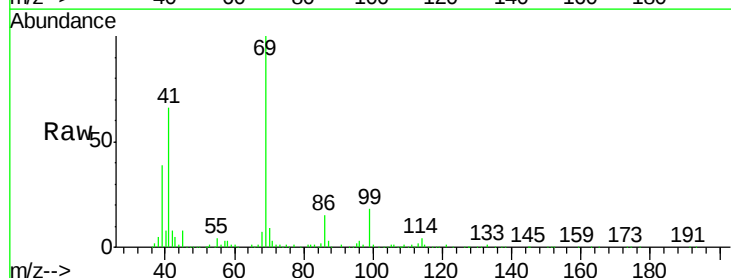


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

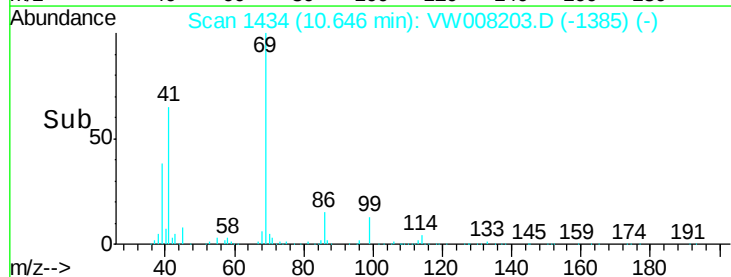
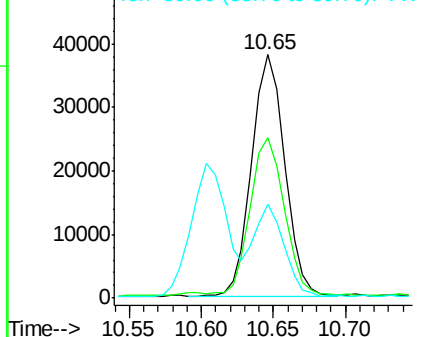


#56
 Ethyl methacrylate
 Concen: 62.498 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion:	69	Resp:	60781
Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.4	84.6
39	35.1	28.1	42.1



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





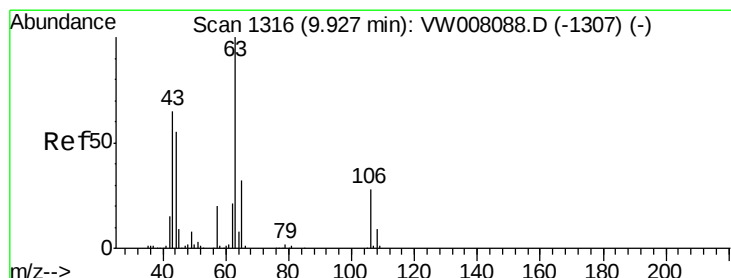
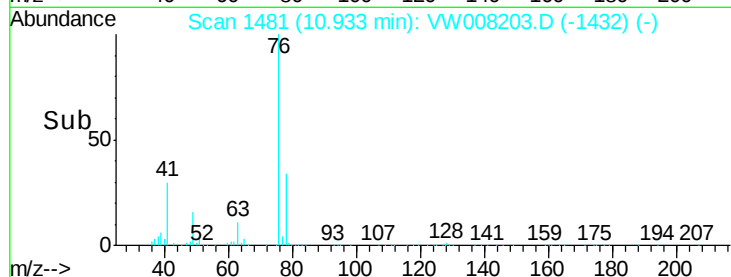
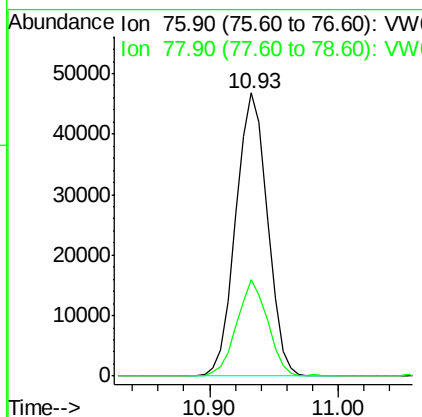
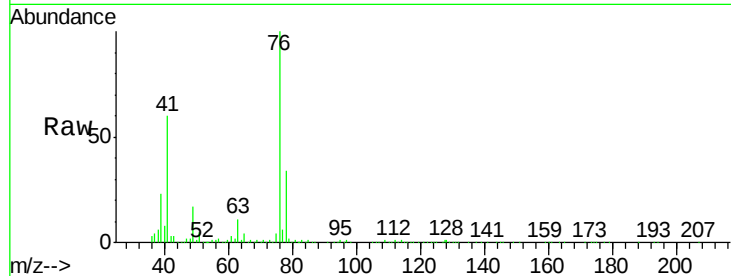
#57
 1,3-Dichloropropane
 Concen: 55.501 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

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

Tot Ion: 76 Resp: 79712
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.7 38.5

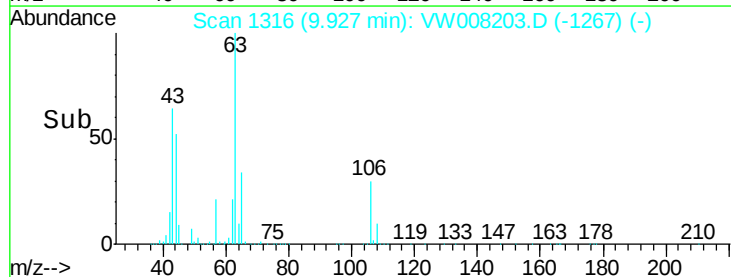
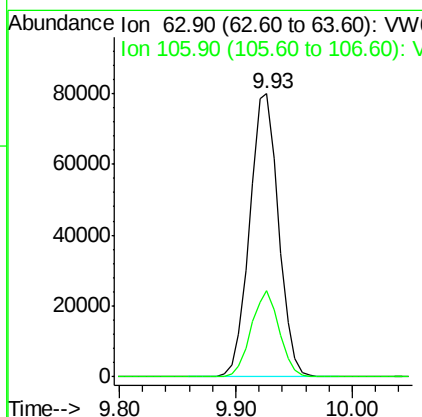
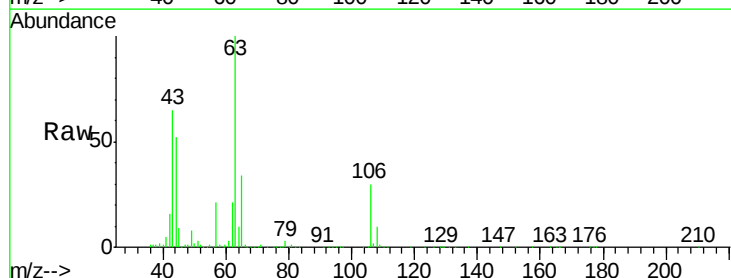
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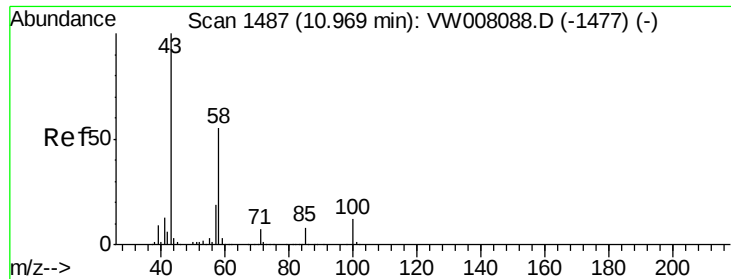
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#58
 2-Chloroethyl Vinyl ether
 Concen: 275.846 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion: 63 Resp: 138575
 Ion Ratio Lower Upper
 63 100
 106 29.5 21.8 32.6





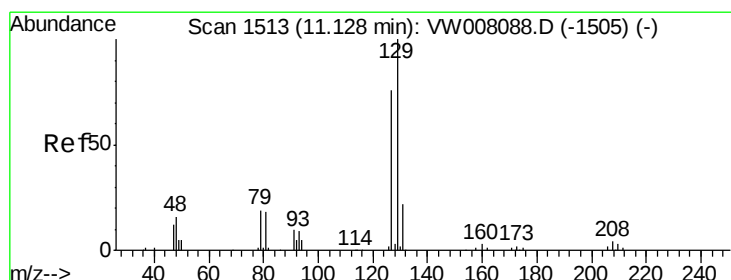
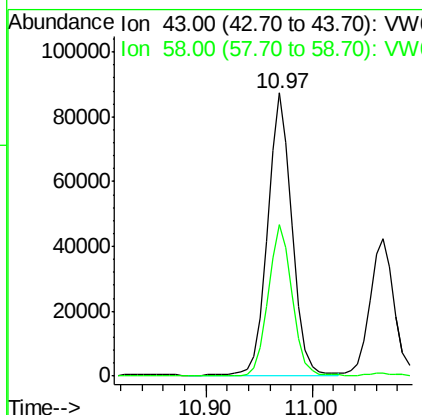
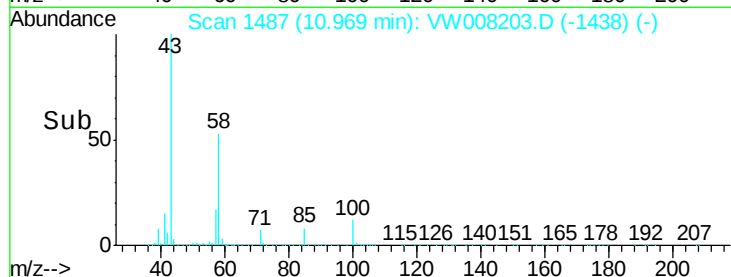
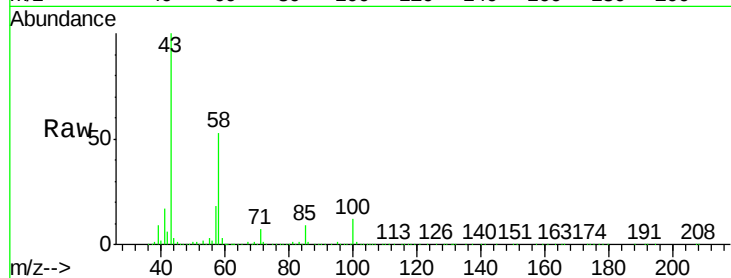
#59
2-Hexanone
Concen: 312.529 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion: 43 Resp: 138777
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5

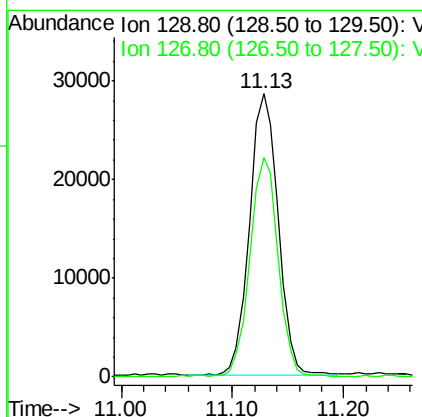
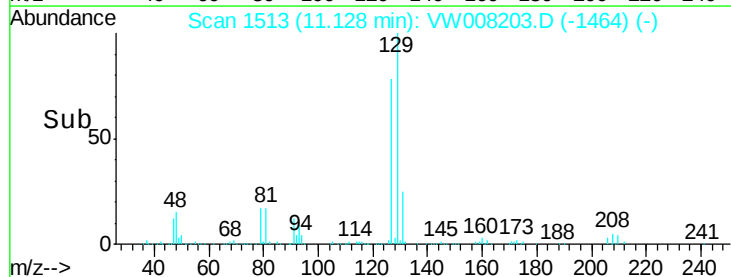
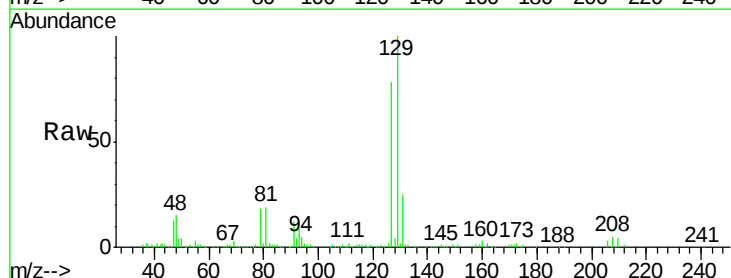
Manual Integrations
APPROVED

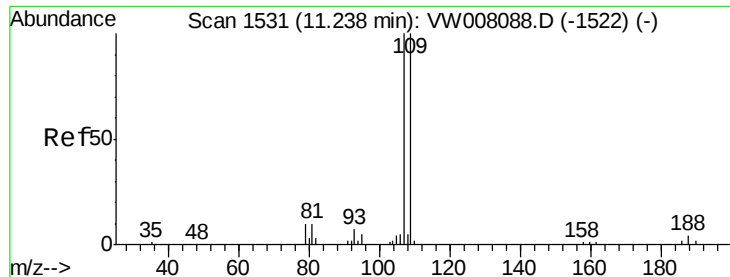
apatel
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#60
Dibromochloromethane
Concen: 59.792 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion: 129 Resp: 51562
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 57.833 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:107 Resp: 43094

Ion Ratio Lower Upper

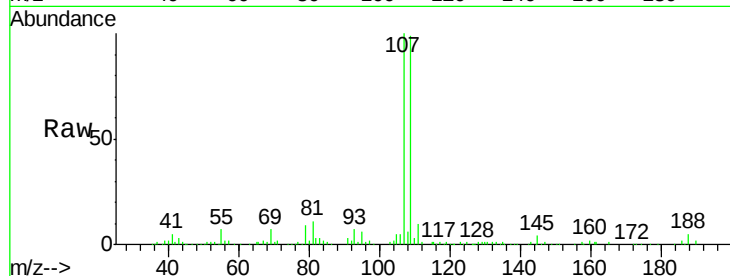
107 100

109 93.4 75.9 113.9

Manual Integrations
APPROVED

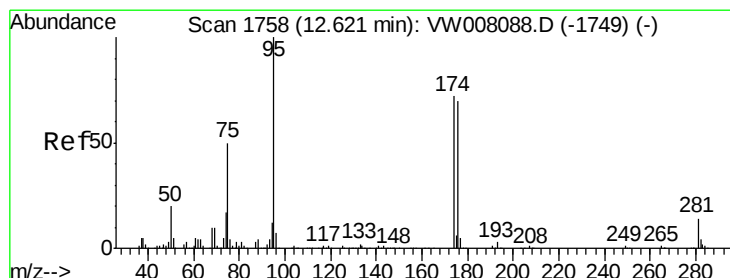
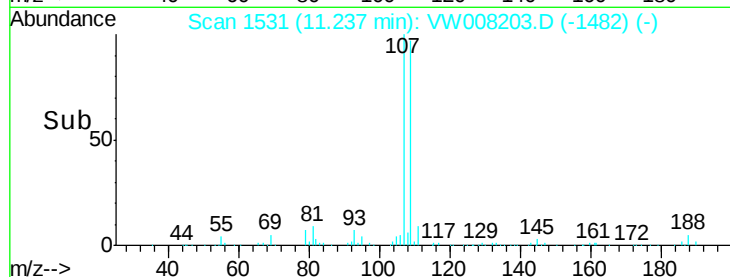
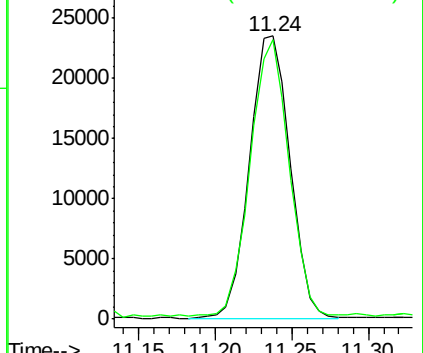
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 34.706 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

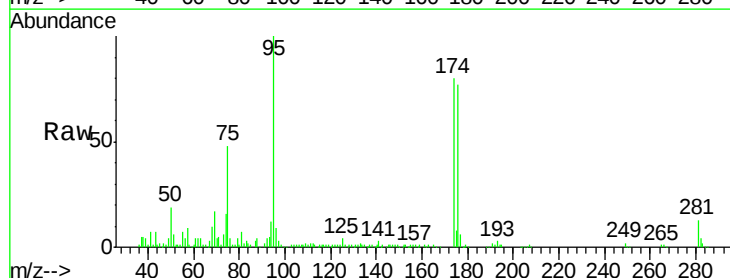
Tgt Ion: 95 Resp: 50063

Ion Ratio Lower Upper

95 100

174 80.3 0.0 143.0

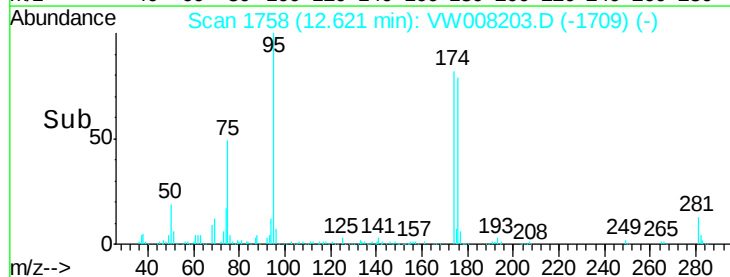
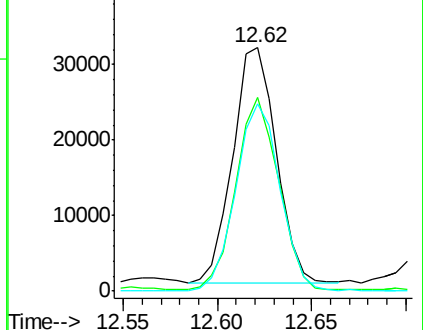
176 80.9 0.0 140.2

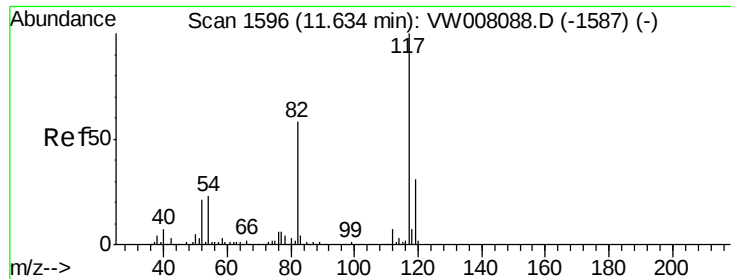


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





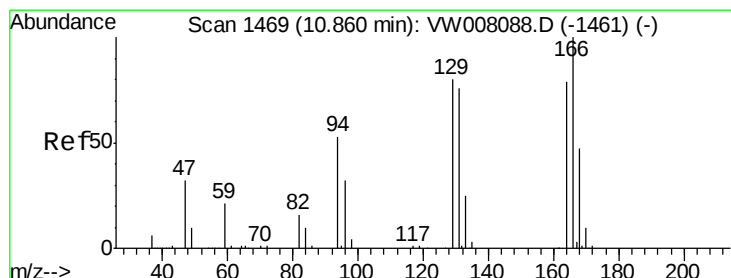
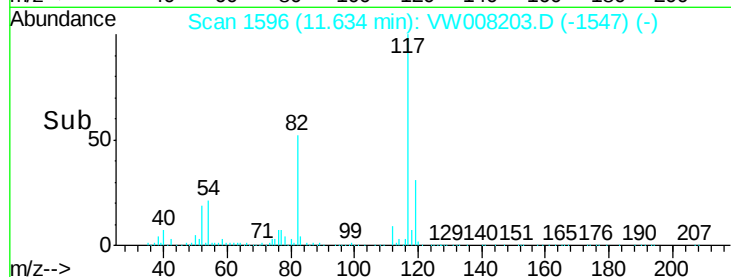
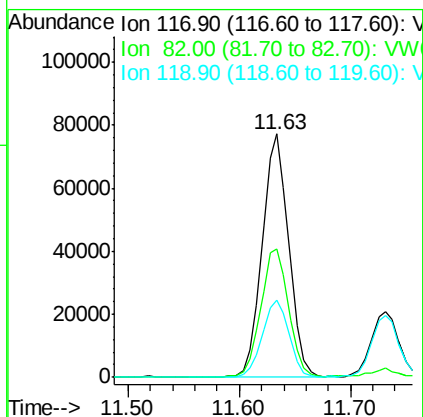
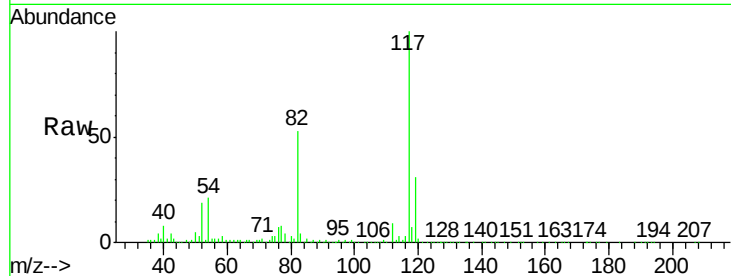
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	128144		
82	52.3	46.4	69.6	
119	31.3	24.7	37.1	

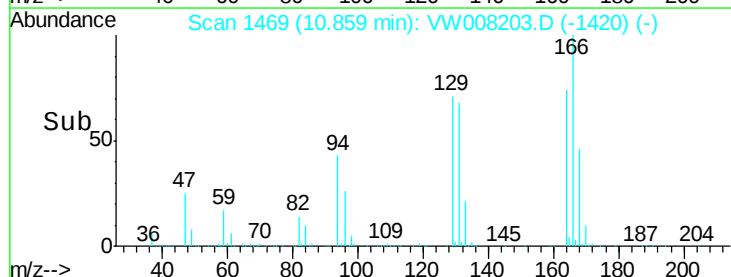
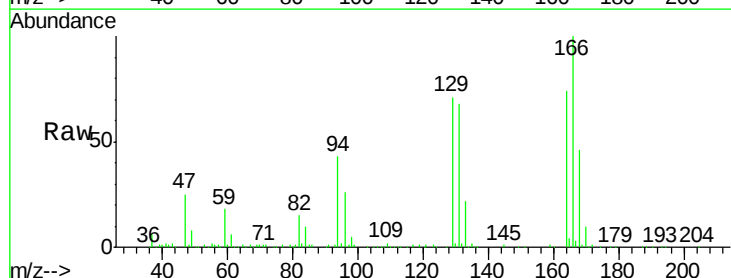
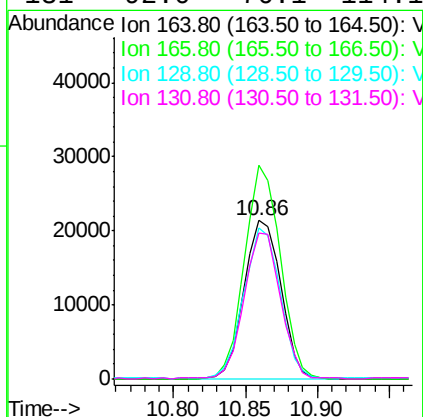
Manual Integrations
APPROVED

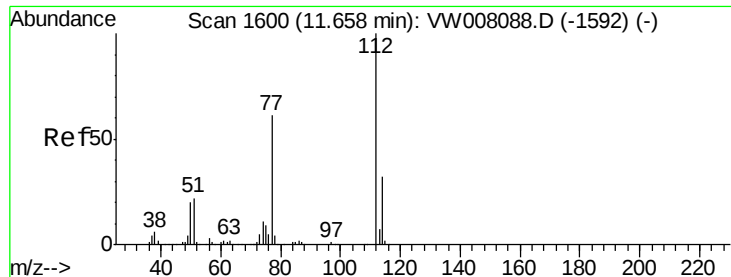
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#64
Tetrachloroethene
Concen: 45.553 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37989		
166	134.9	100.7	151.1	
129	94.8	81.0	121.4	
131	92.0	76.1	114.1	





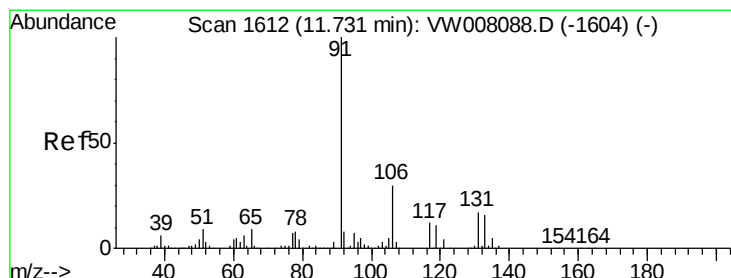
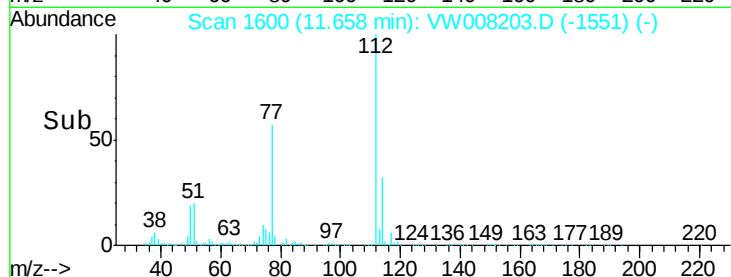
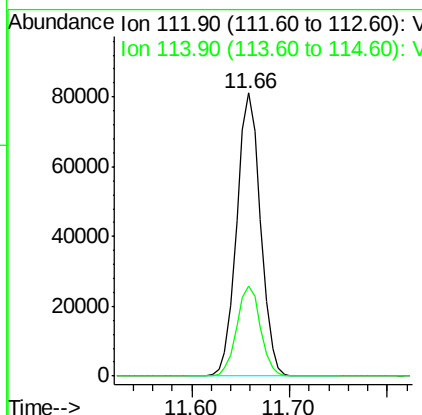
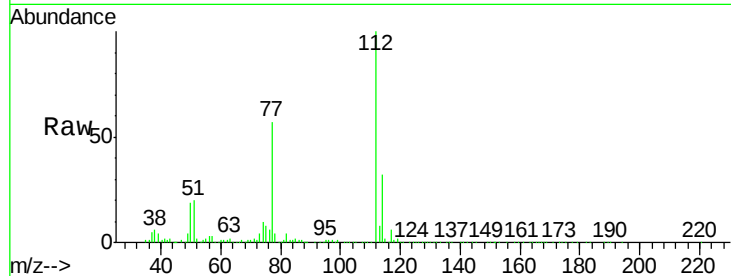
#65
Chlorobenzene
Concen: 50.323 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.6	38.4

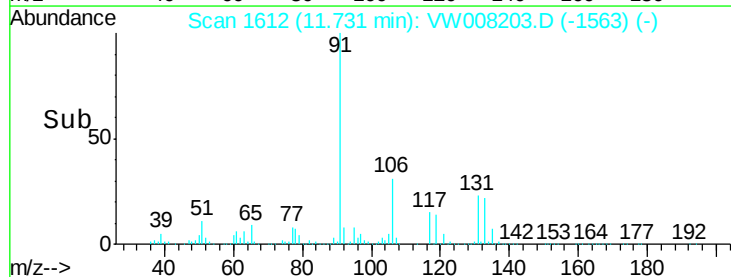
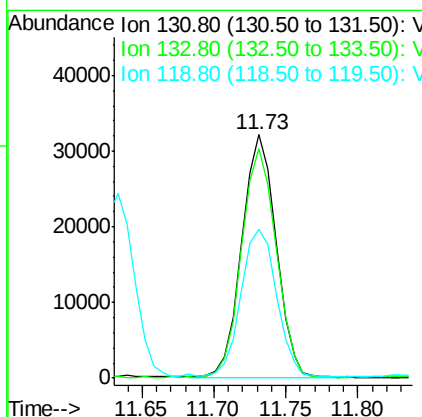
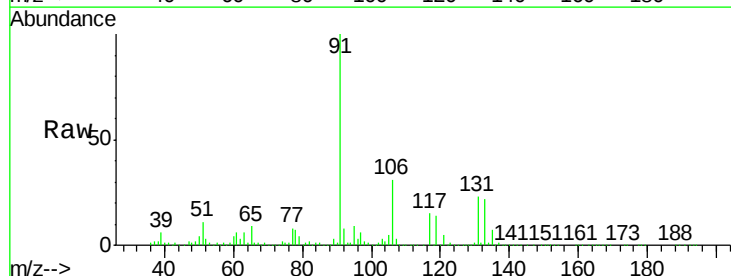
Manual Integrations
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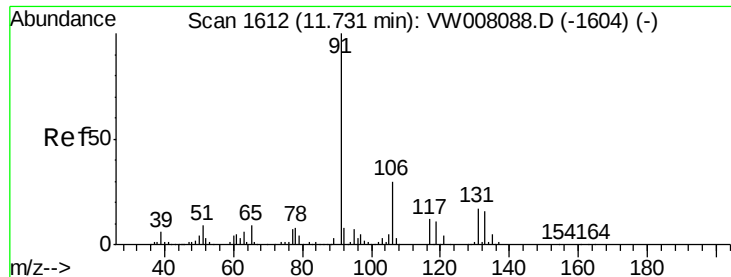
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.753 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.9	143.7
119	63.3	32.5	97.4





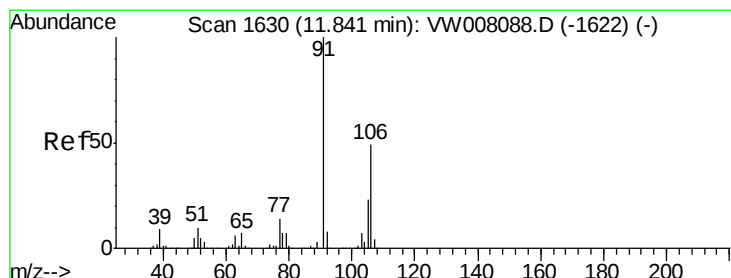
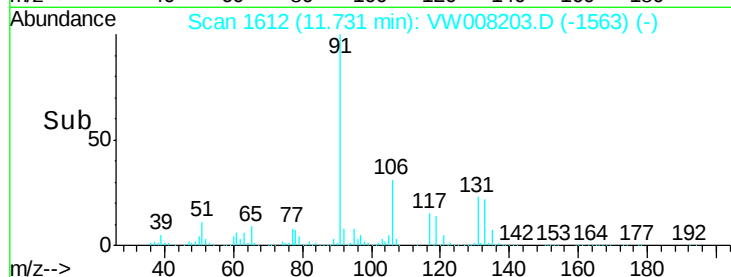
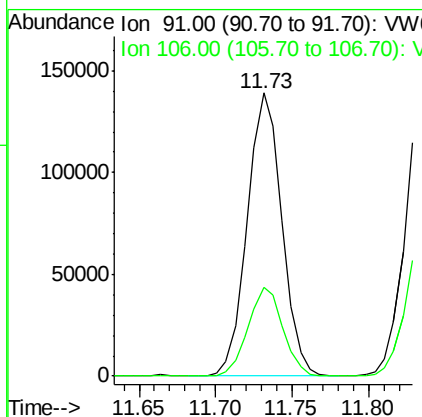
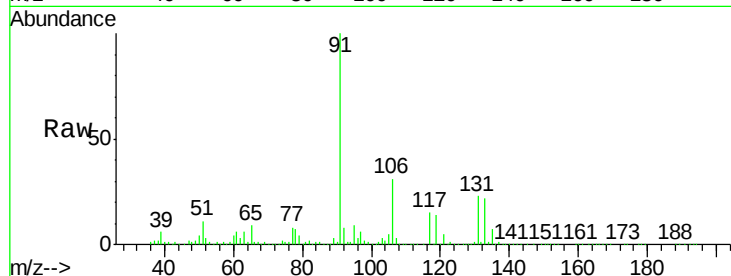
#67
Ethyl Benzene
Concen: 43.776 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.2	36.4

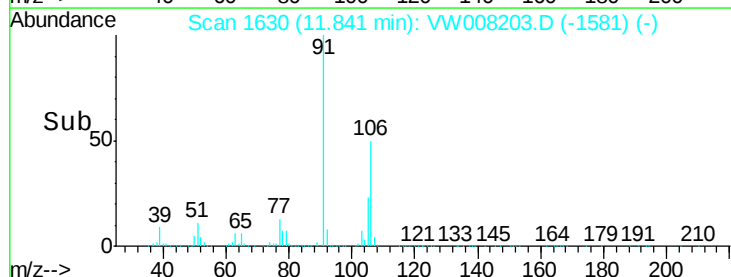
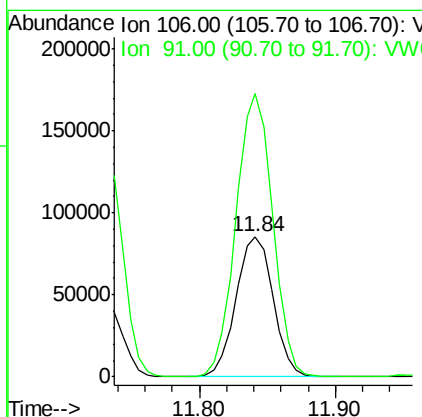
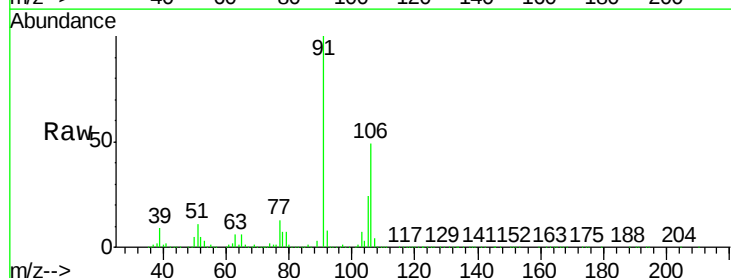
Manual Integrations
APPROVED

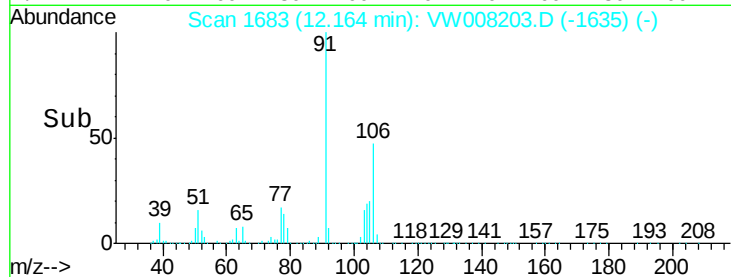
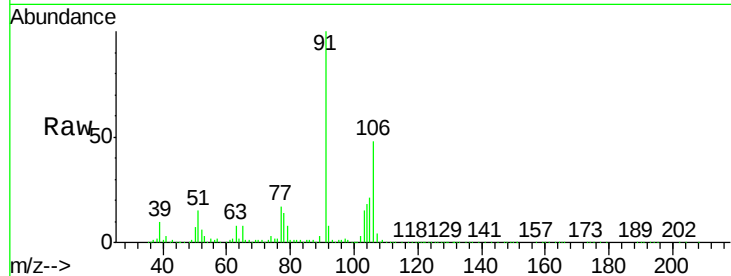
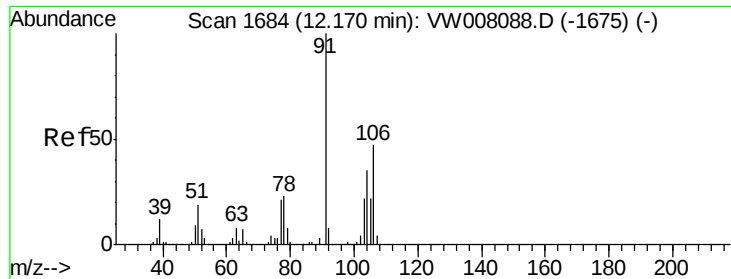
apatel
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#68
m/p-Xylenes
Concen: 85.663 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.4	162.4	243.6





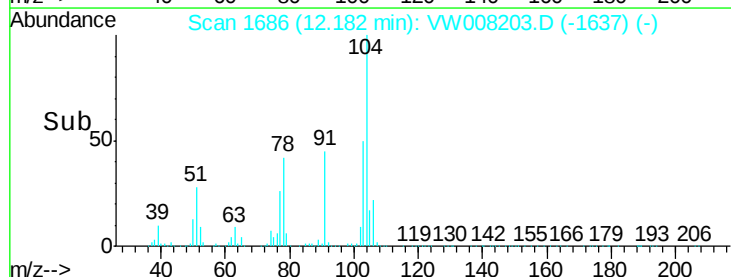
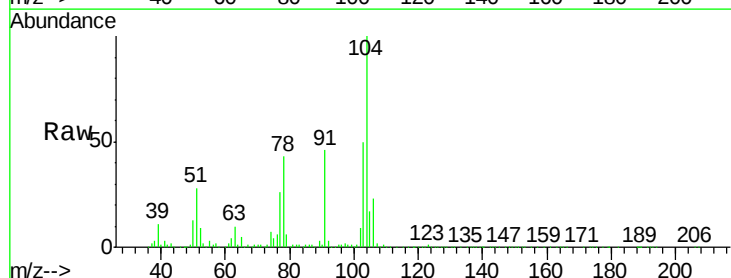
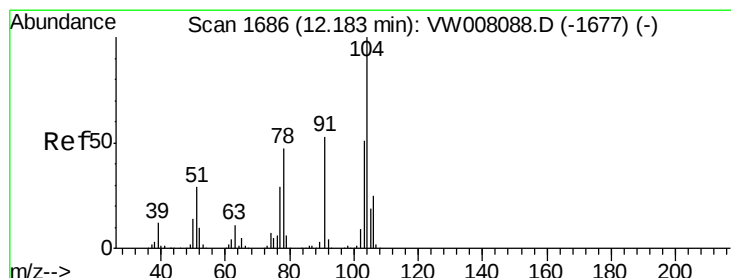
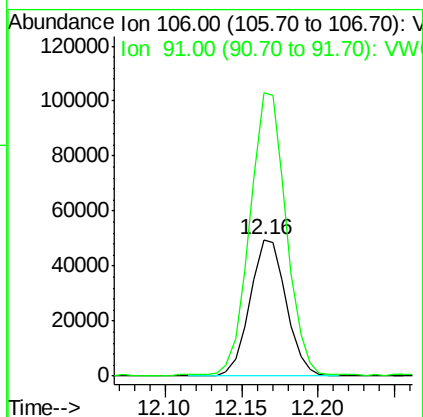
#69
o-Xylene
Concen: 46.488 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tot Ion: 106 Resp: 81622
Ion Ratio Lower Upper
106 100
91 207.8 107.8 323.6

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

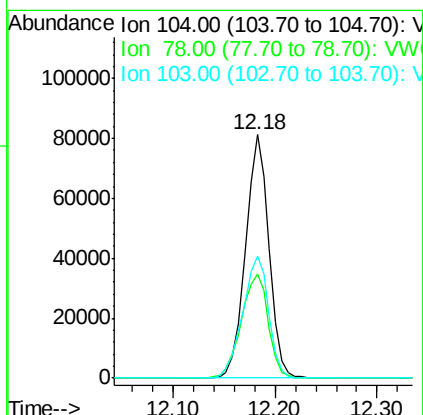
Manual Integrations
APPROVED

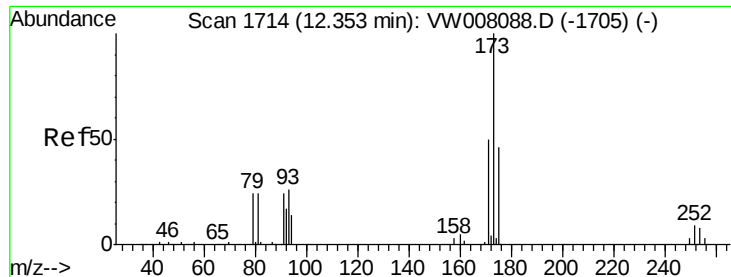
apatel
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#70
Styrene
Concen: 47.217 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion: 104 Resp: 129851
Ion Ratio Lower Upper
104 100
78 48.5 41.8 62.8
103 55.1 43.8 65.8





#71

Bromoform

Concen: 69.683 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:173 Resp: 27538

Ion Ratio Lower Upper

173 100

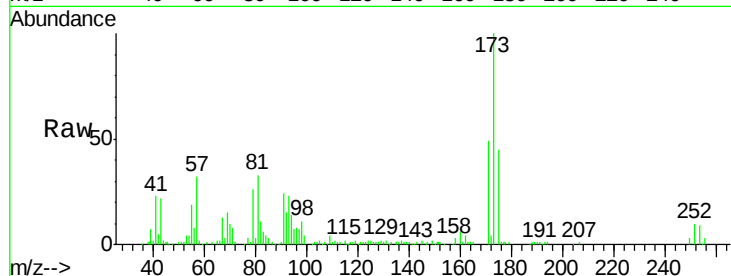
175 48.9 23.3 69.8

254 0.1 0.0 0.0#

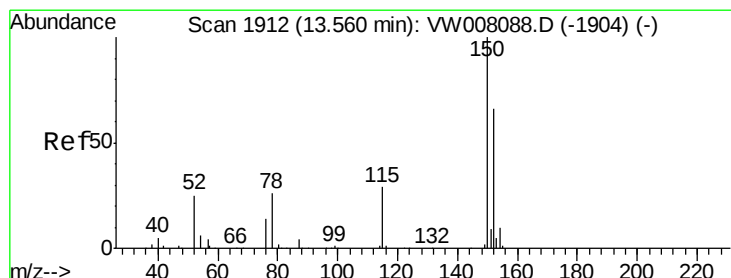
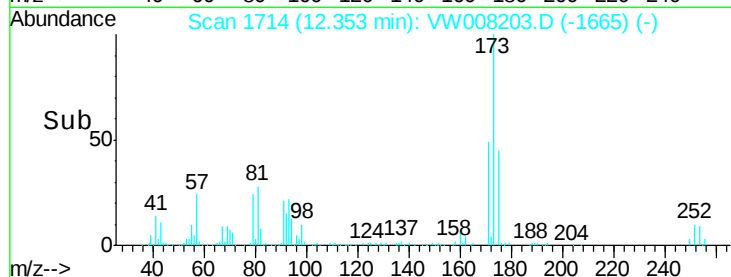
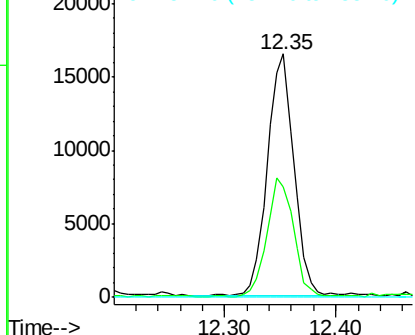
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

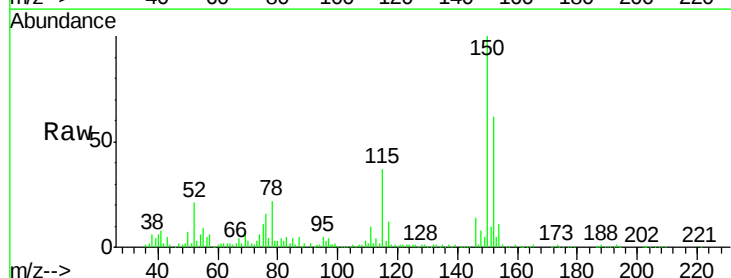
Tgt Ion:152 Resp: 42843

Ion Ratio Lower Upper

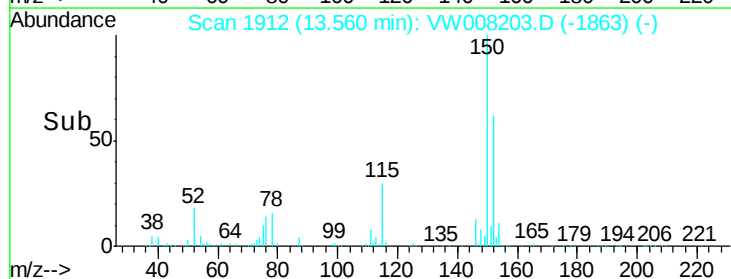
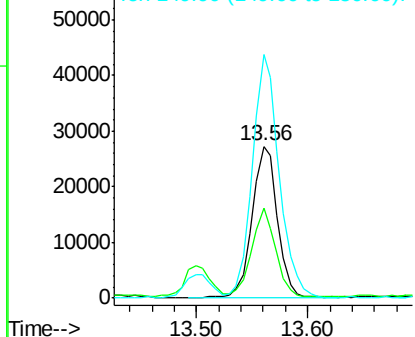
152 100

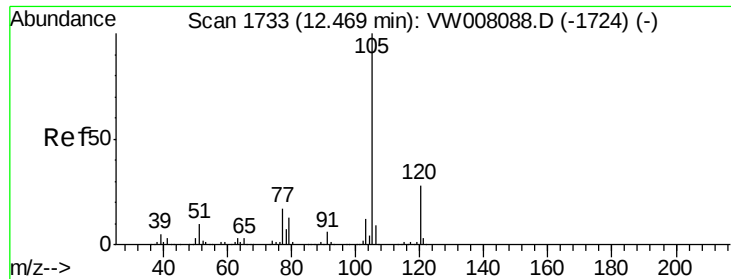
115 55.4 30.8 92.4

150 169.7 0.0 350.2



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





#73

Isopropylbenzene

Concen: 52.564 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:105 Resp: 176804

Ion Ratio Lower Upper

105 100

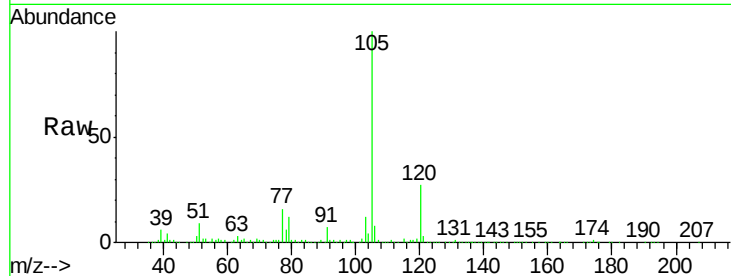
120 27.1 13.6 40.8

Manual Integrations

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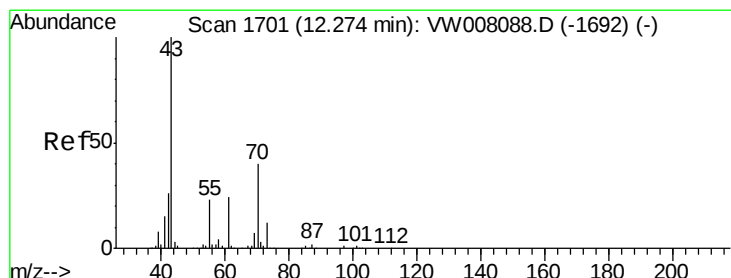
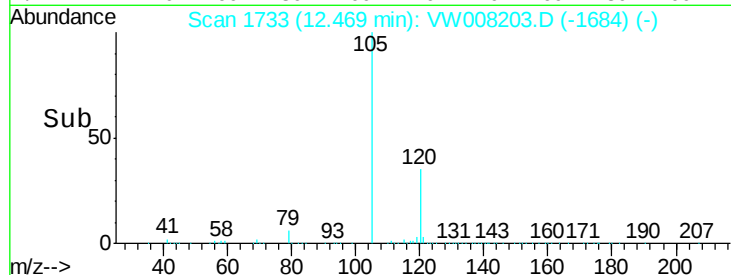
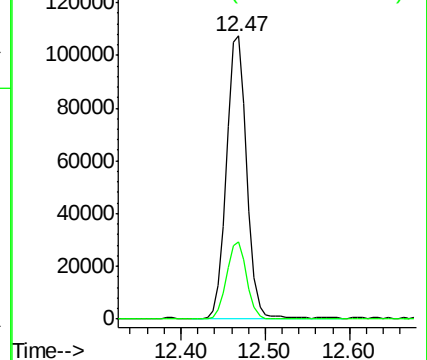
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 98.147 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion: 43 Resp: 73108

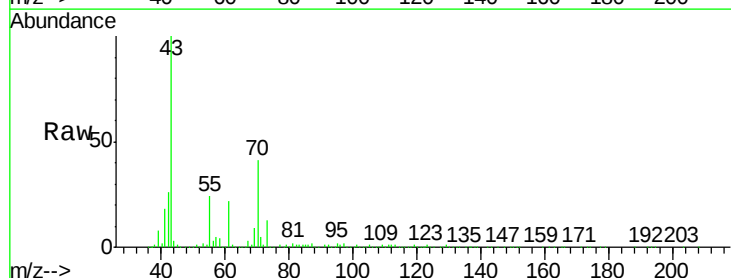
Ion Ratio Lower Upper

43 100

70 40.9 32.4 48.6

55 24.7 18.7 28.1

61 22.5 19.0 28.6

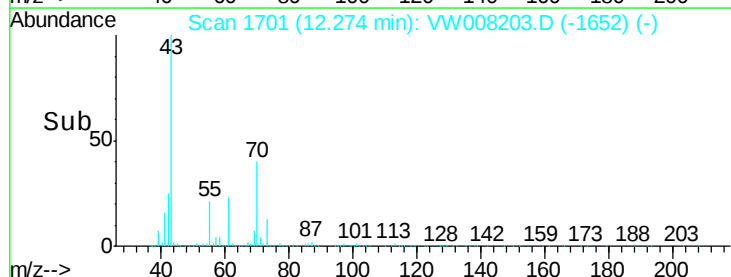
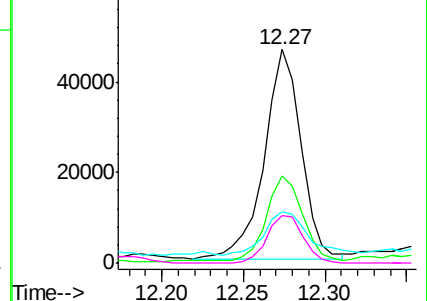


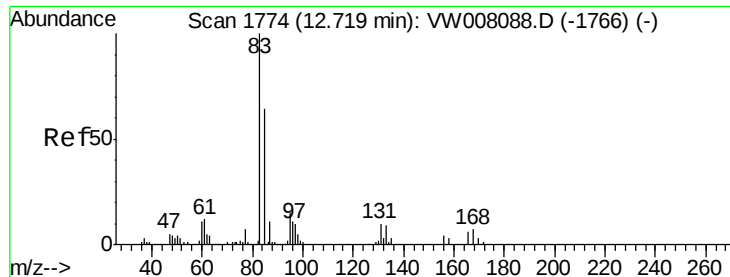
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 96.161 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

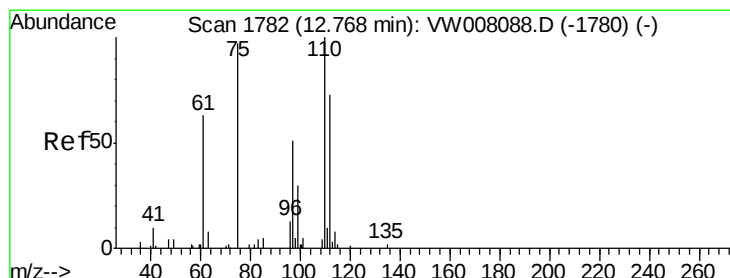
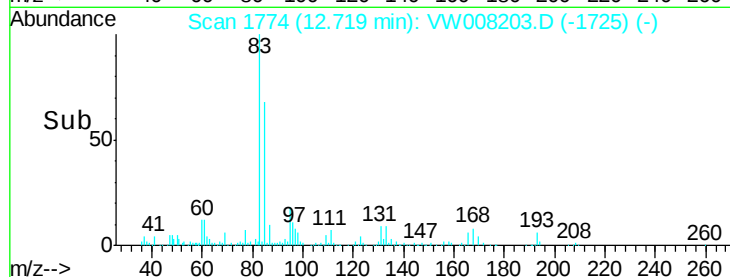
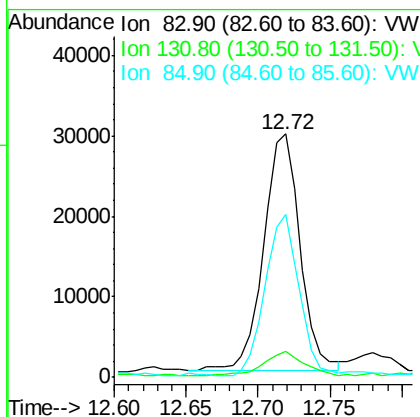
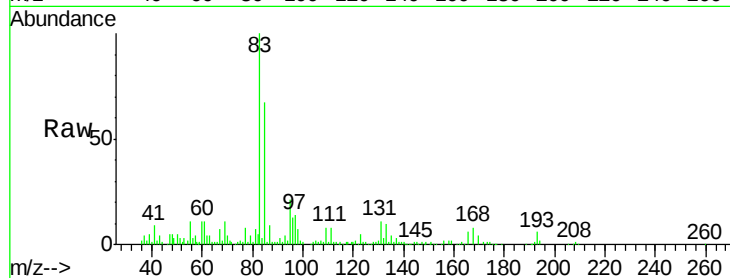
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	83	Resp:	51772
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.3	16.1
85	62.8	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 107.138 ug/l m

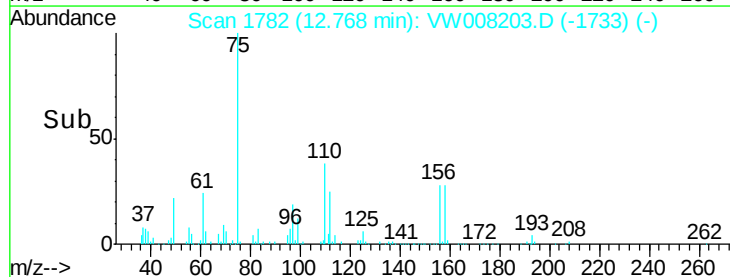
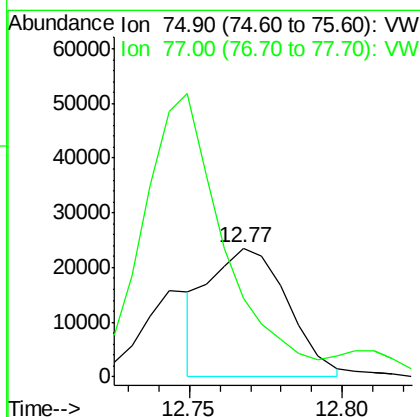
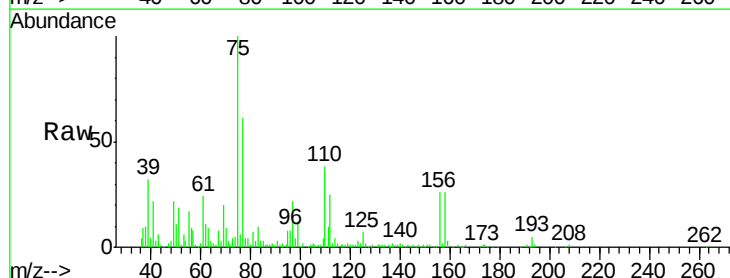
RT: 12.77 min Scan# 1782

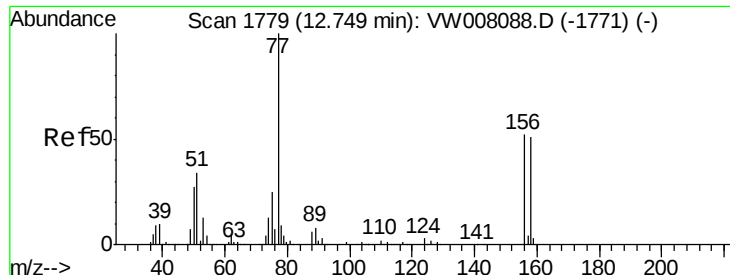
Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Tgt Ion:	75	Resp:	41844
Ion Ratio	Lower	Upper	
75	100		
77	225.0	179.4	538.2





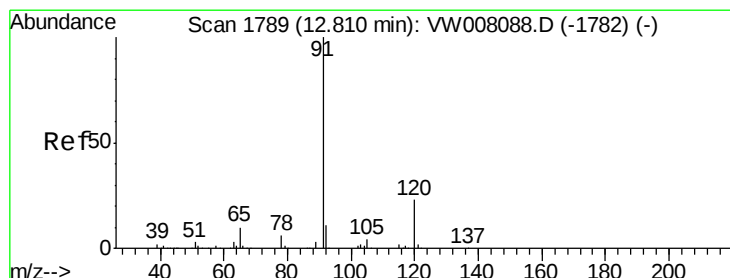
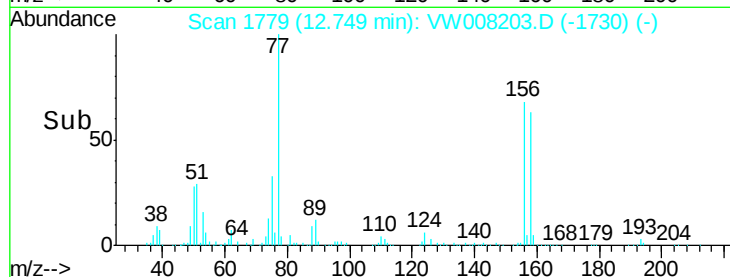
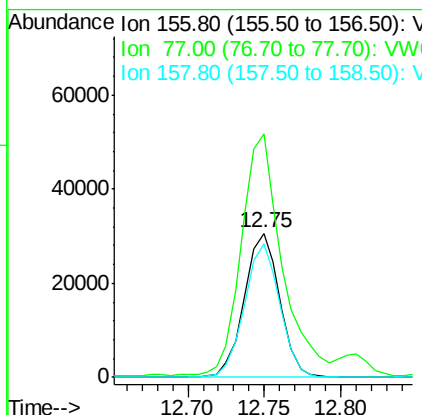
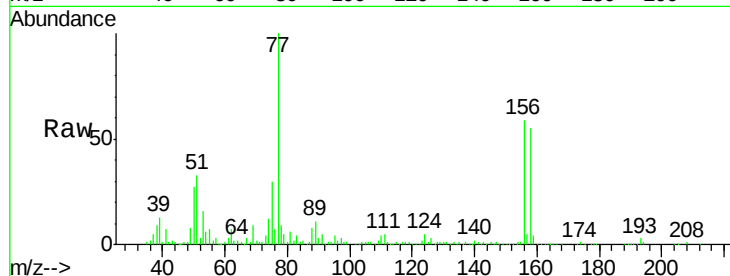
#77
Bromobenzene
Concen: 69.352 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.0	104.2	312.5
158	93.0	47.9	143.6

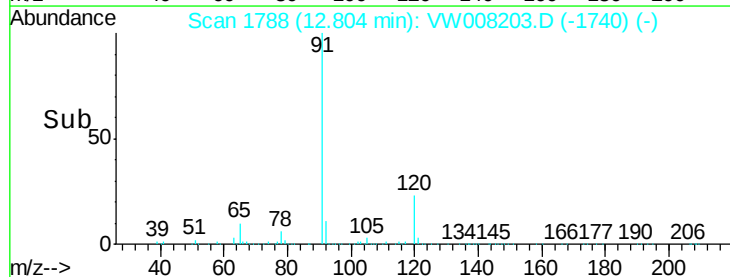
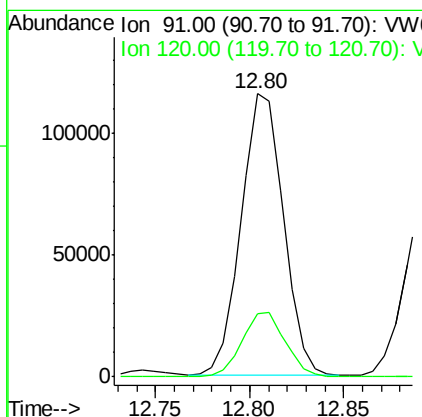
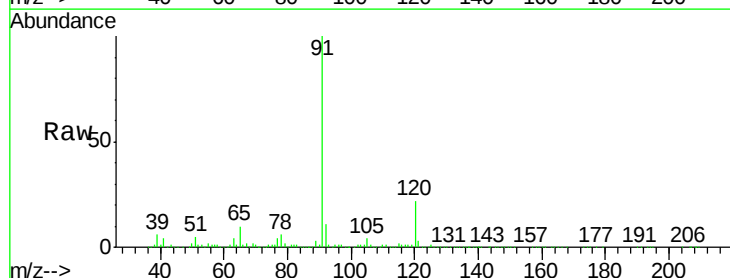
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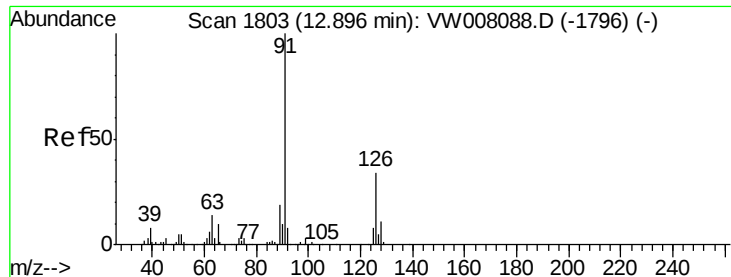
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#78
n-propylbenzene
Concen: 43.953 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.3	33.8





#79

2-Chlorotoluene

Concen: 51.544 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion: 91 Resp: 118515

Ion Ratio Lower Upper

91 100

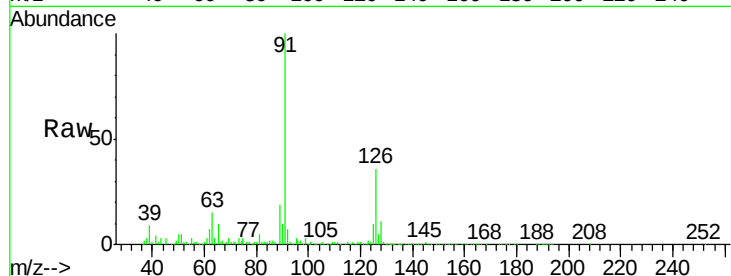
126 35.0 16.8 50.3

Manual Integrations

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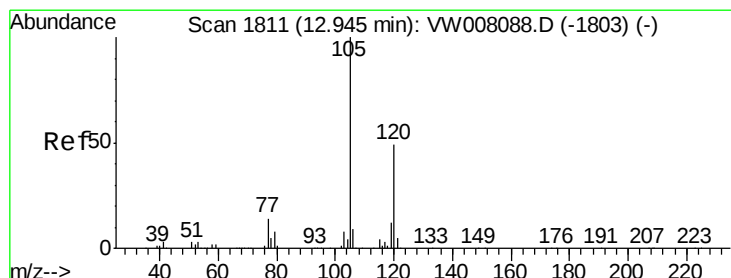
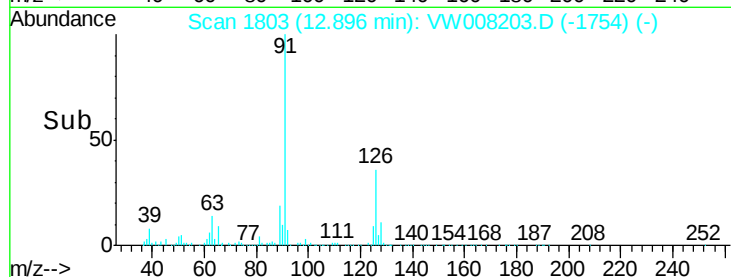
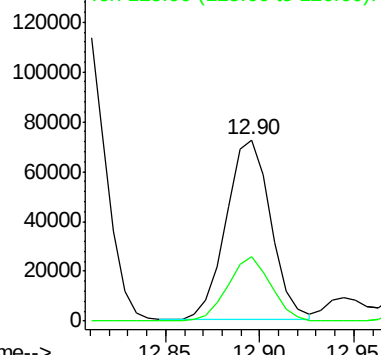
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 44.315 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008203.D

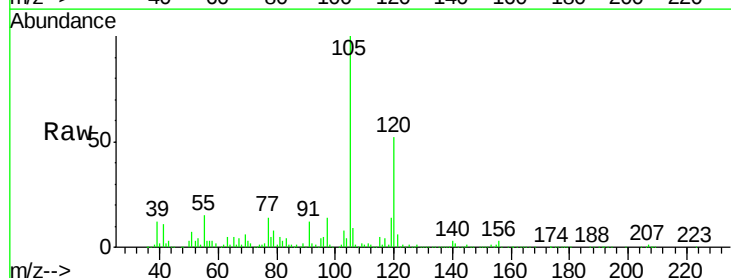
Acq: 11 Jan 2019 19:17

Tgt Ion:105 Resp: 122489

Ion Ratio Lower Upper

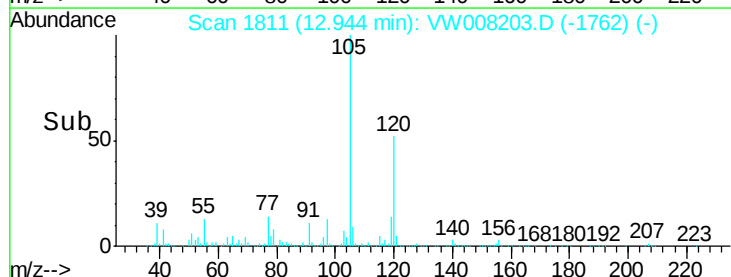
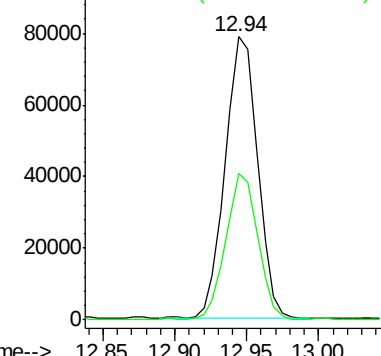
105 100

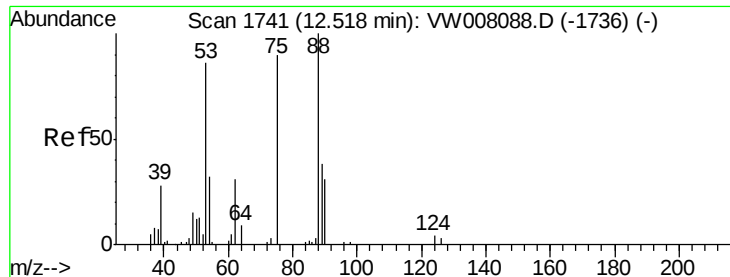
120 50.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





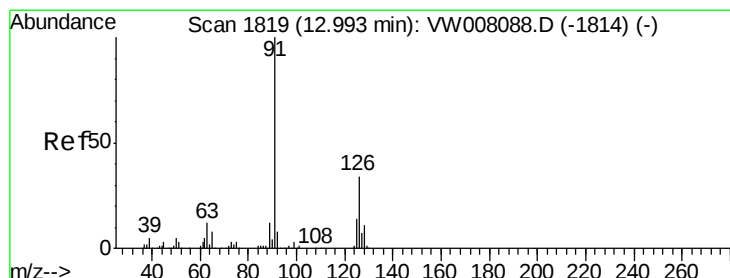
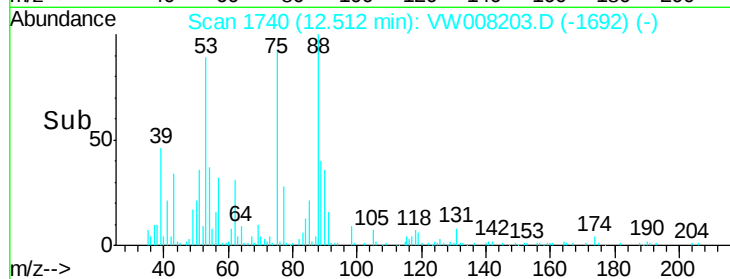
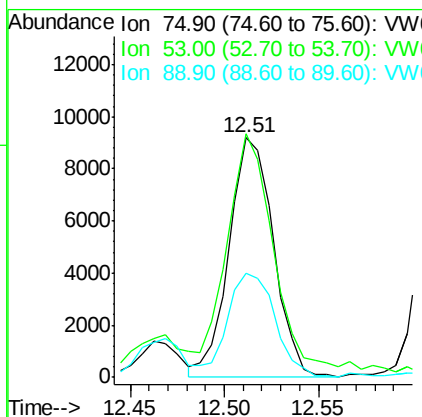
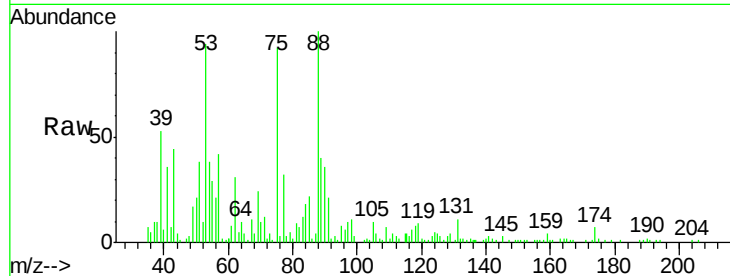
#81
trans-1,4-Dichloro-2-butene
Concen: 89.926 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	78.8	118.2
89	46.3	35.4	53.2

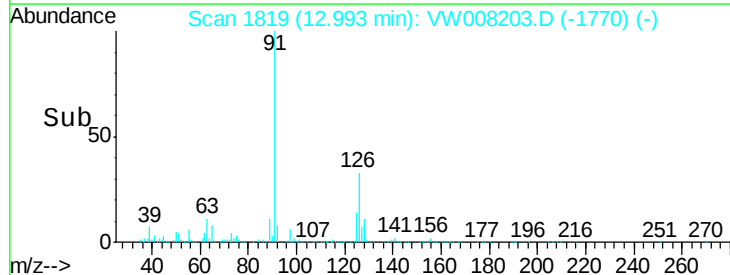
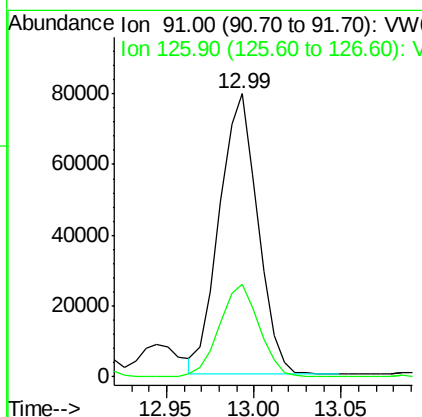
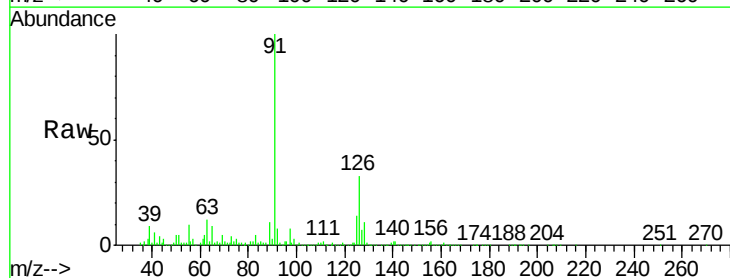
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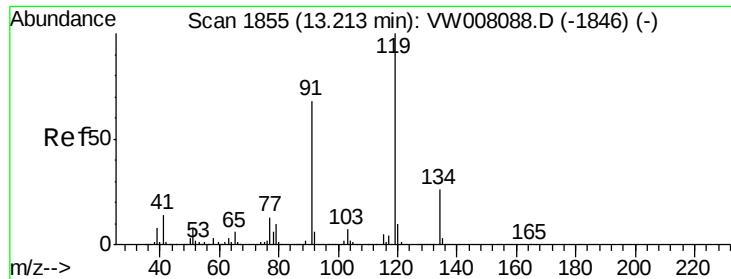
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#82
4-Chlorotoluene
Concen: 49.920 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.5	49.5





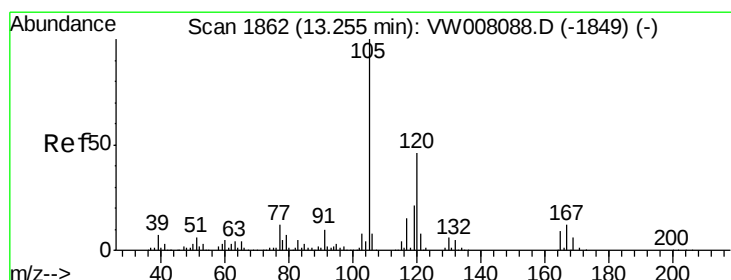
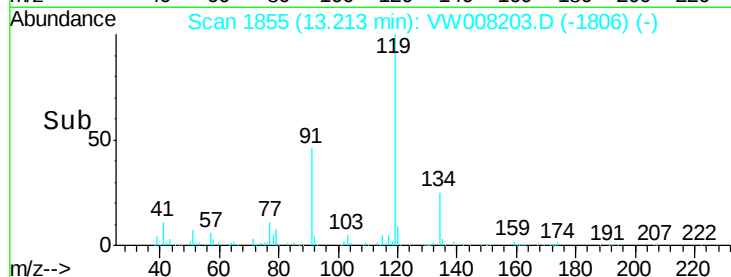
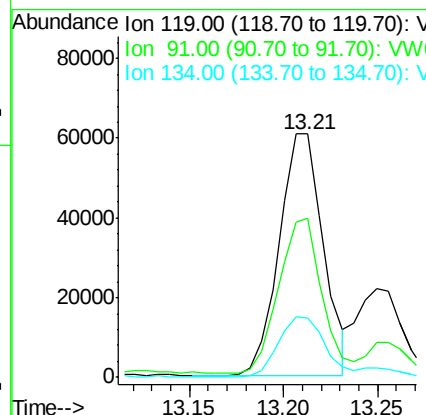
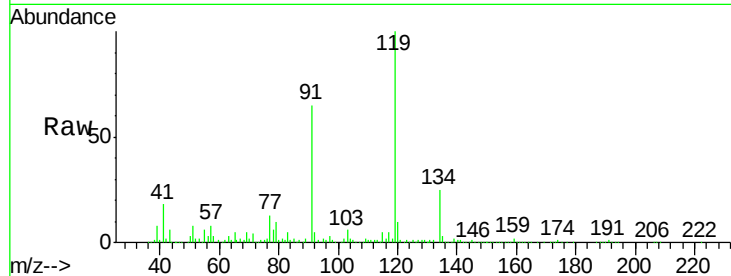
#83
tert-Butylbenzene
Concen: 40.610 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	33.9	101.6
134	25.9	13.6	40.8

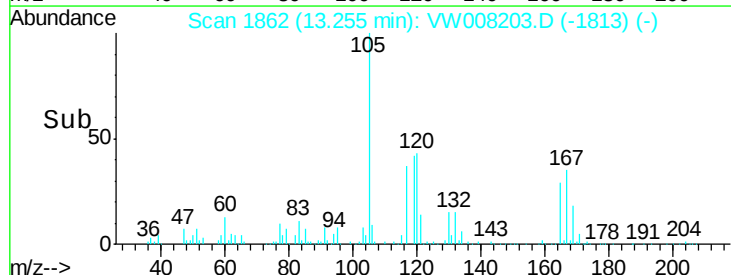
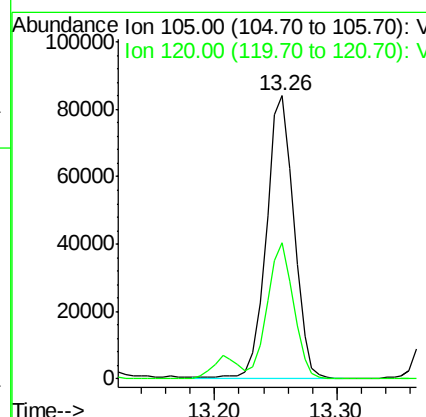
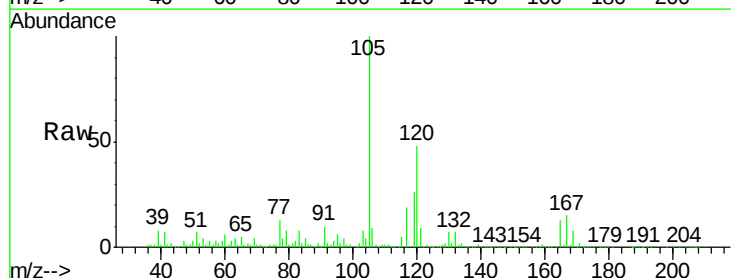
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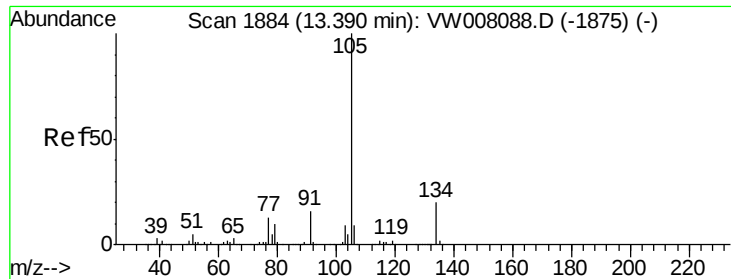
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#84
1,2,4-Trimethylbenzene
Concen: 45.837 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 36.033 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

Instrument :

MSVOA_W

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:105 Resp: 129072

Ion Ratio Lower Upper

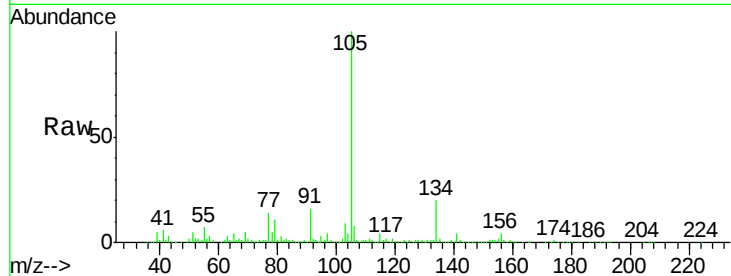
105 100

134 21.8 10.1 30.1

Manual Integrations
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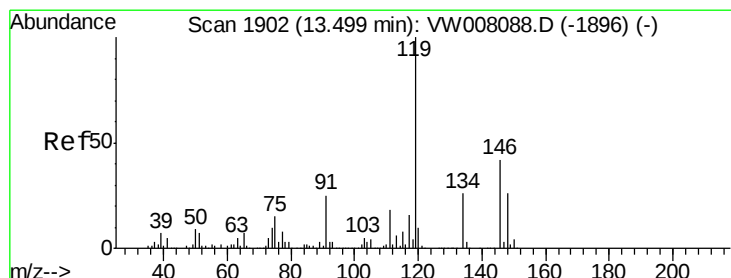
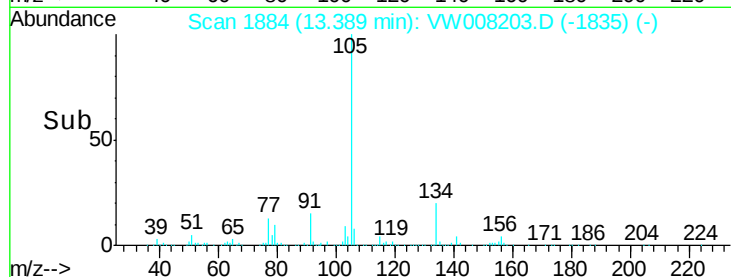
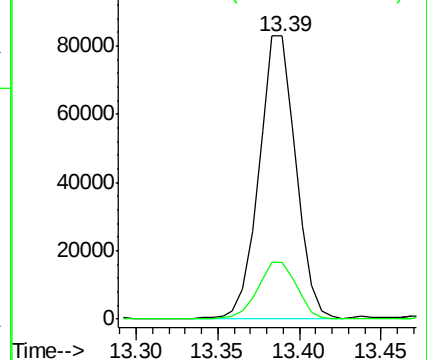
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 34.588 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008203.D

Acq: 11 Jan 2019 19:17

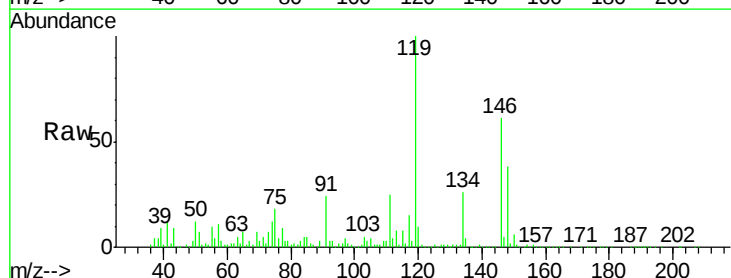
Tgt Ion:119 Resp: 106990

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

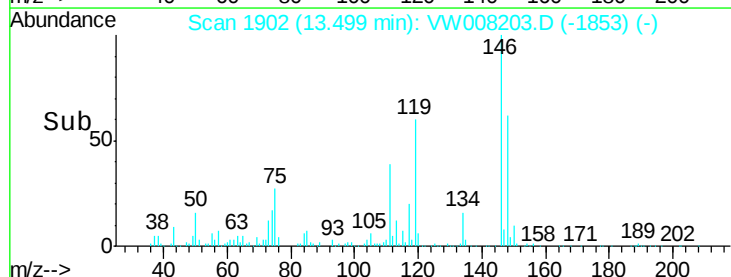
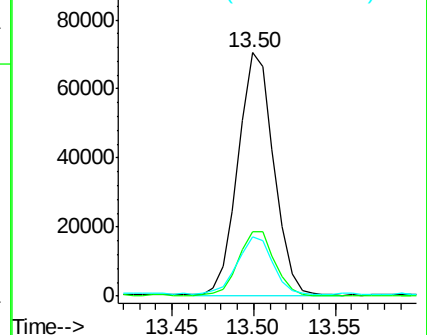
91 23.7 12.3 36.9

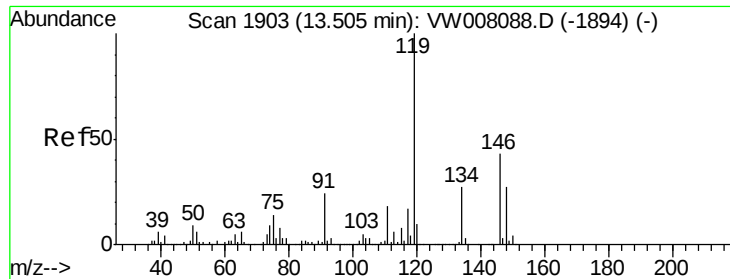


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





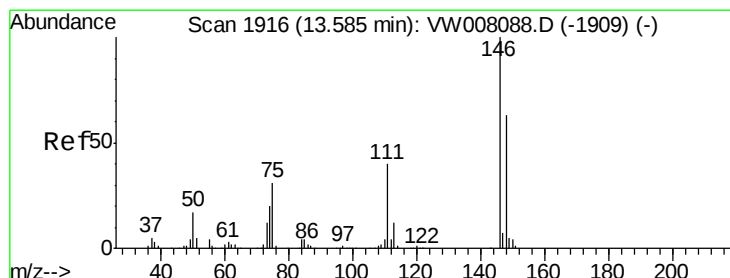
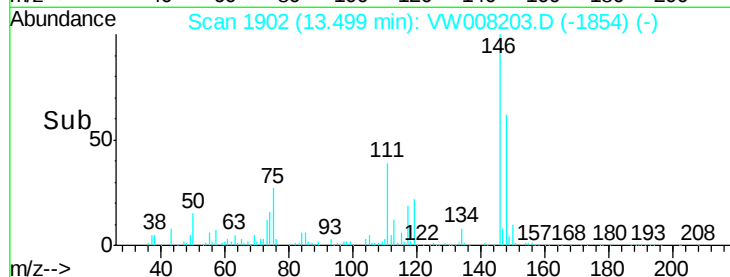
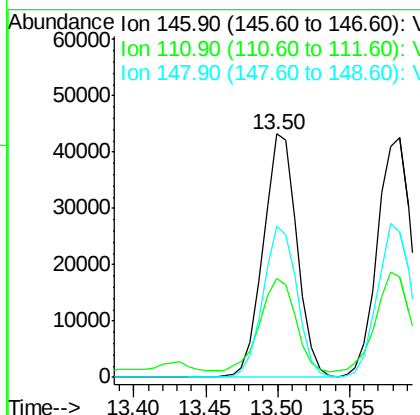
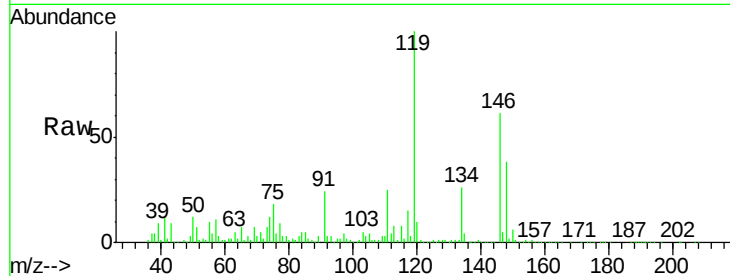
#87
 1,3-Dichlorobenzene
 Concen: 48.607 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.1	63.1
148	61.8	31.3	93.9

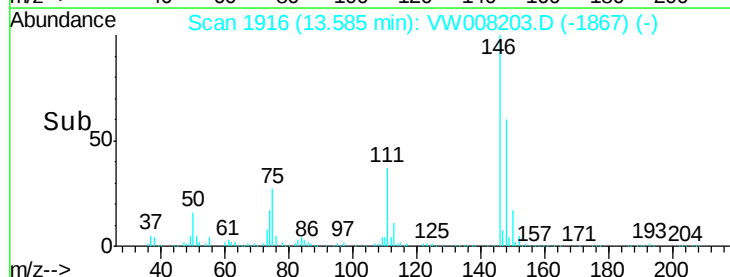
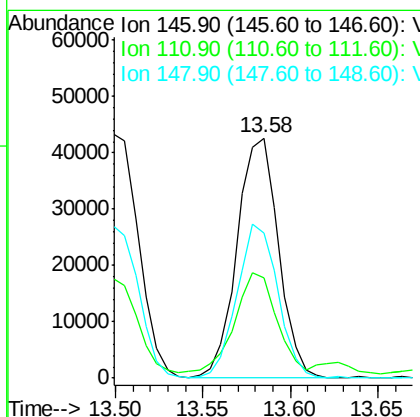
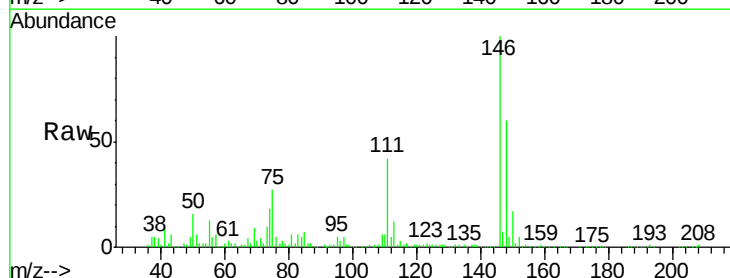
Manual Integrations
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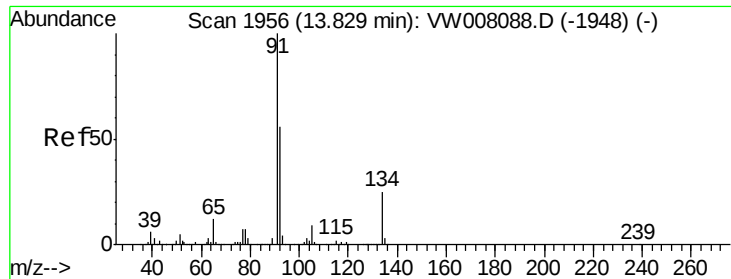
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#88
 1,4-Dichlorobenzene
 Concen: 48.459 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.5
148	63.2	31.6	94.8





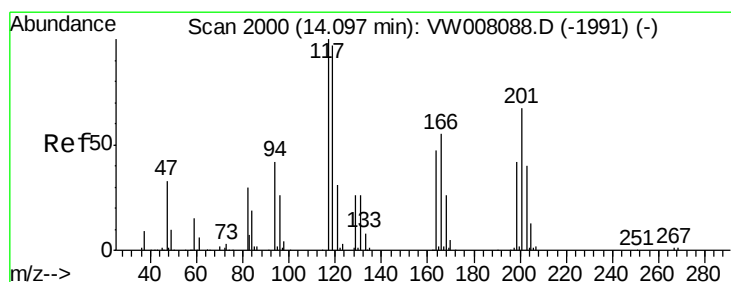
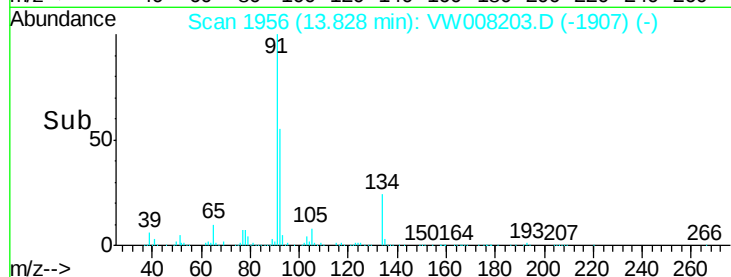
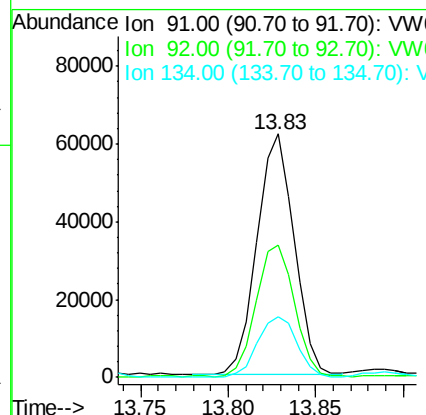
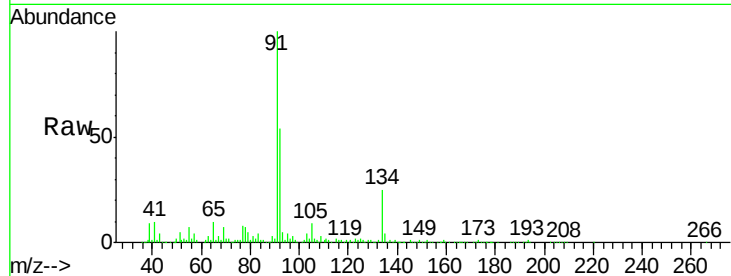
#89
n-Butylbenzene
Concen: 30.198 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.3	27.4	82.2
134	26.6	12.6	37.8

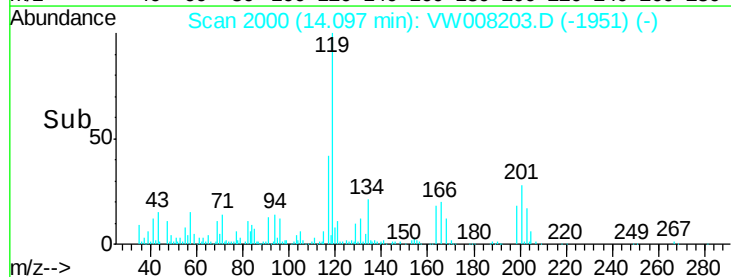
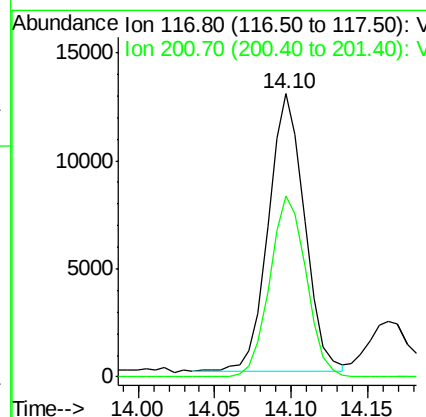
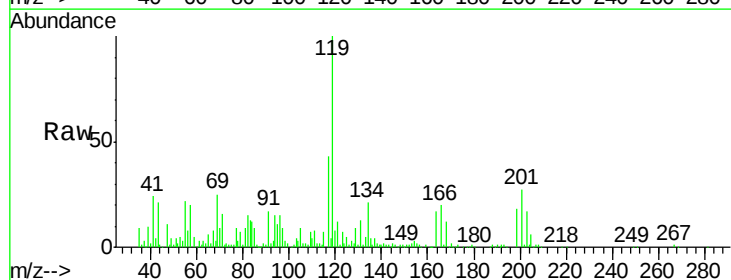
Manual Integrations
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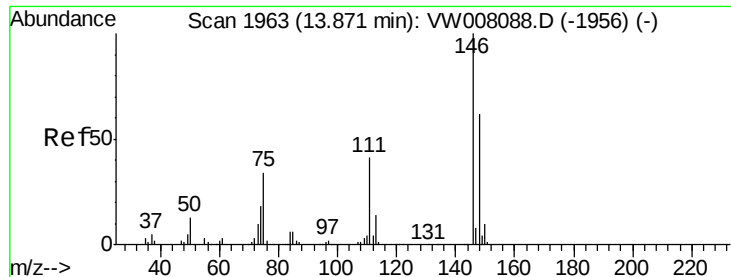
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#90
Hexachloroethane
Concen: 40.422 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.5	33.0	98.9





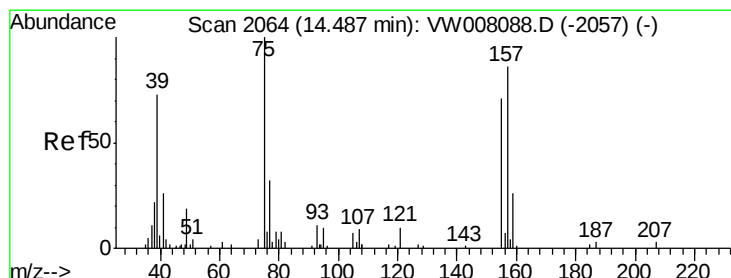
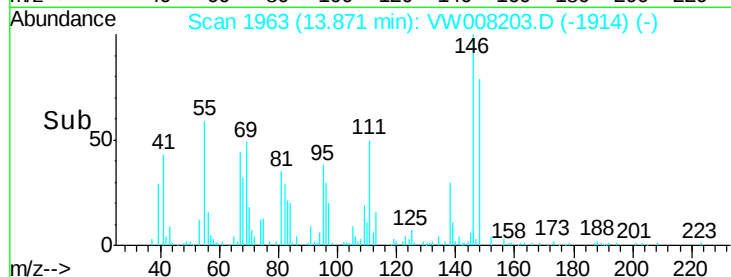
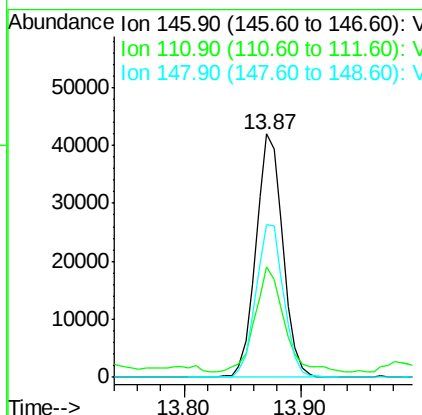
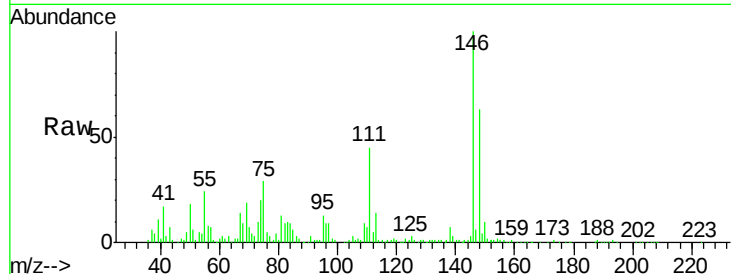
#91
 1,2-Dichlorobenzene
 Concen: 53.189 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.8	21.3	63.7
148	65.6	31.5	94.5

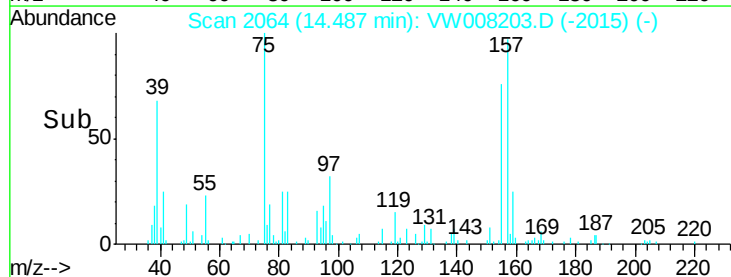
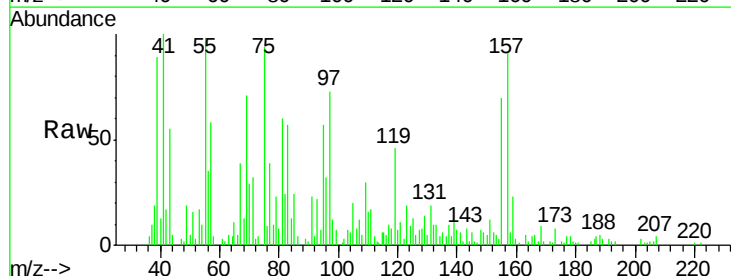
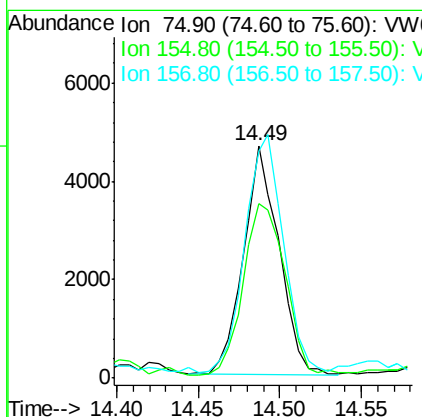
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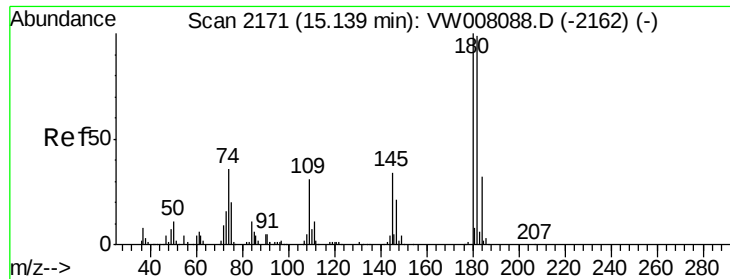
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 81.021 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	38.6	115.7
157	115.6	47.5	142.6





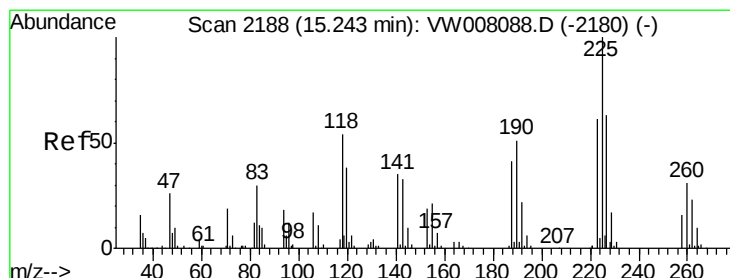
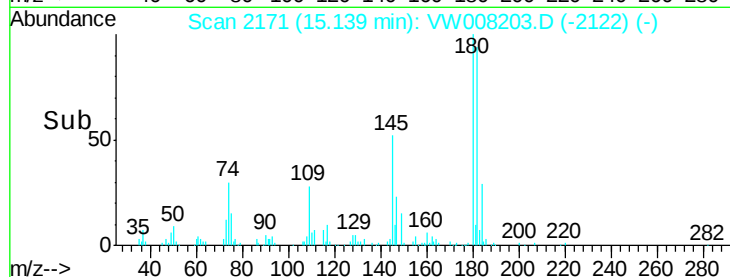
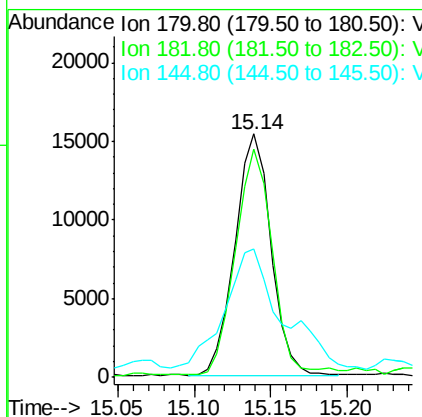
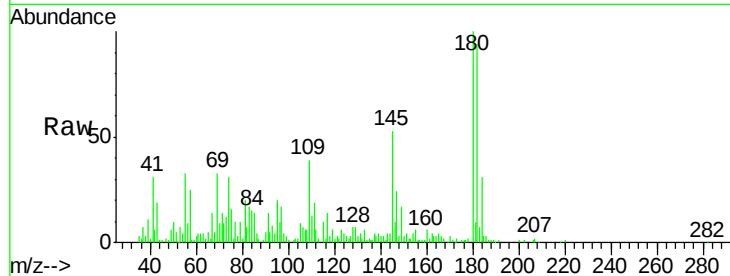
#93
 1,2,4-Trichlorobenzene
 Concen: 30.056 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.6	145.9
145	85.1	16.6	49.7#

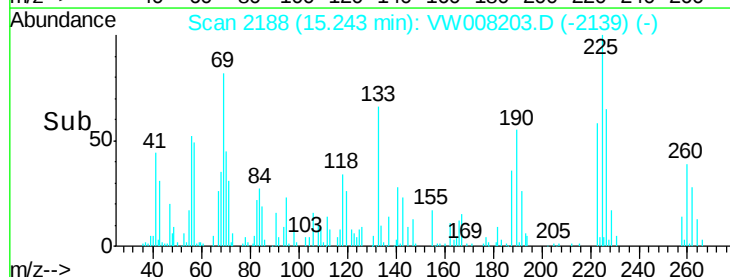
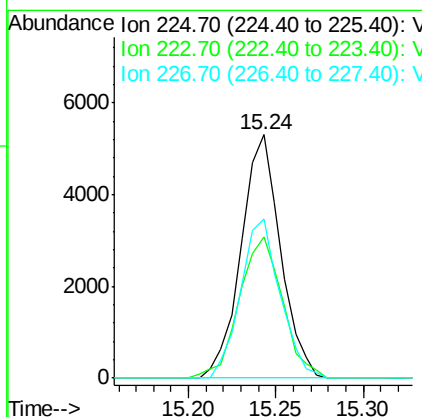
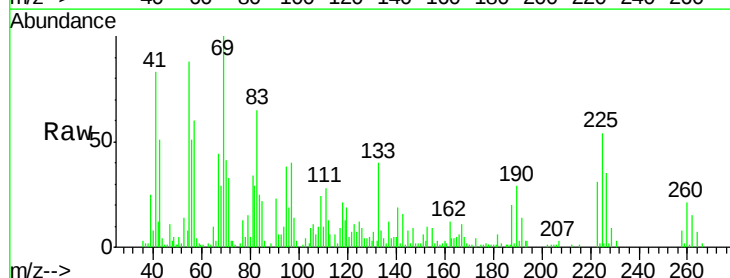
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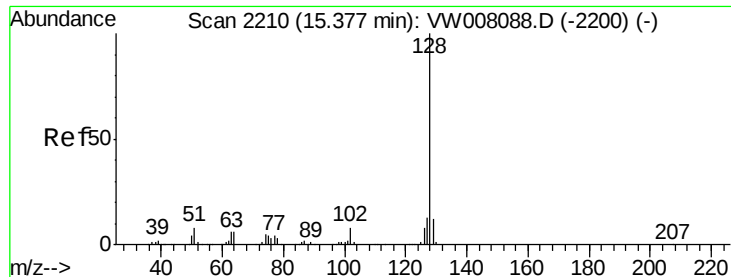
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#94
 Hexachlorobutadiene
 Concen: 18.445 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008203.D
 Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.4	94.3
227	65.2	32.0	96.2





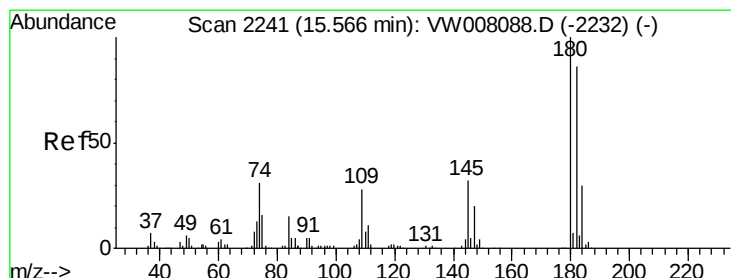
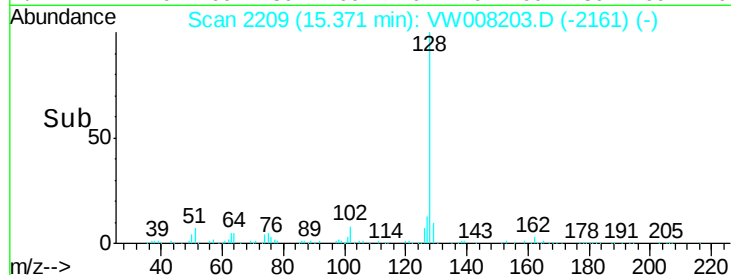
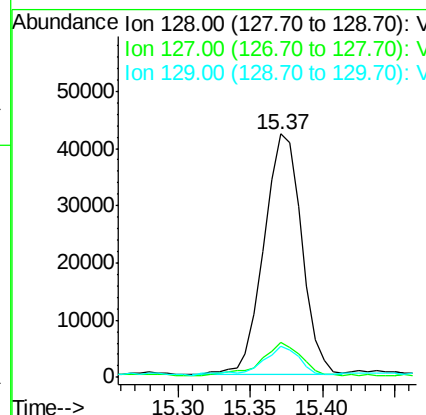
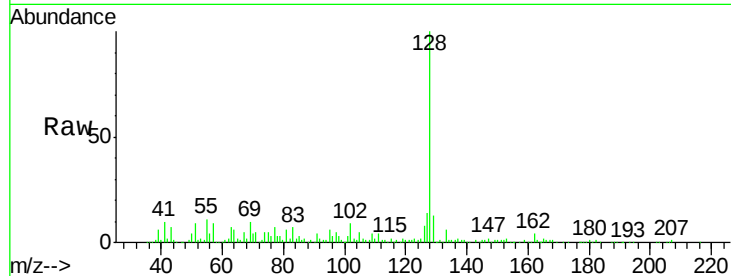
#95
Naphthalene
Concen: 48.912 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.4	11.0	16.4
129	11.5	9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 32.452 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008203.D
Acq: 11 Jan 2019 19:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	46.5	139.3
145	82.1	17.4	52.2#

