

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015307.D
 Acq On : 22 Apr 2020 14:50
 Operator : SY/VA
 Sample : L2314-17MS
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MS

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:32:58 PM

Quant Time: Apr 23 08:02:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	157501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	234224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	48131	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	72203	56.06	ug/l	0.00
Spiked Amount			Recovery	=	112.12%	
35) Dibromofluoromethane	7.88	113	74744	57.61	ug/l	0.00
Spiked Amount			Recovery	=	115.22%	
50) Toluene-d8	10.32	98	264073	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	12.62	95	65709	31.55	ug/l	0.00
Spiked Amount			Recovery	=	63.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	70394	56.597	ug/l	96
3) Chloromethane	2.22	50	79085	58.389	ug/l	99
4) Vinyl Chloride	2.35	62	87841	54.921	ug/l	99
5) Bromomethane	2.76	94	74900	65.863	ug/l	93
6) Chloroethane	2.92	64	55609	56.052	ug/l	98
7) Trichlorofluoromethane	3.26	101	118351	52.293	ug/l	99
8) Diethyl Ether	3.68	74	37010	58.259	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62757	44.965	ug/l	91
10) Methyl Iodide	4.27	142	76855	52.427	ug/l	98
11) Tert butyl alcohol	5.17	59	27548	262.387	ug/l	100
12) 1,1-Dichloroethene	4.04	96	66960	49.844	ug/l	90
13) Acrolein	3.90	56	8899	161.943	ug/l	93
14) Allyl chloride	4.67	41	81604	45.789	ug/l	86
15) Acrylonitrile	5.37	53	65729	271.882	ug/l	99
16) Acetone	4.12	43	75560	335.885	ug/l	97
17) Carbon Disulfide	4.38	76	139855	35.032	ug/l	97
18) Methyl Acetate	4.68	43	57347	96.306	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	184271	59.753	ug/l	95
20) Methylene Chloride	4.92	84	81920	55.564	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	66873	43.892	ug/l	94
22) Diisopropyl ether	6.31	45	204465	59.804	ug/l #	93
23) Vinyl Acetate	6.26	43	428367	213.511	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	132764	56.031	ug/l	98
25) 2-Butanone	7.17	43	88972	298.105	ug/l	92
26) 2,2-Dichloropropane	7.17	77	127424	51.117	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	84428	51.329	ug/l	98
28) Bromochloromethane	7.51	49	48345	56.118	ug/l #	72
29) Tetrahydrofuran	7.53	42	53678	288.677	ug/l	88
30) Chloroform	7.68	83	143228	56.007	ug/l	98
31) Cyclohexane	7.95	56	71943	30.205	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	128346	52.001	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83428	39.464	ug/l	96
37) Ethyl Acetate	7.25	43	32639	47.573	ug/l #	96
38) Carbon Tetrachloride	8.07	117	107748	46.640	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50949	18.107	ug/l	96
40) Benzene	8.32	78	301850	53.452	ug/l	97
41) Methacrylonitrile	7.48	41	24301	59.032	ug/l	96
42) 1,2-Dichloroethane	8.40	62	86924	52.287	ug/l	100
43) Isopropyl Acetate	8.42	43	71966	50.012	ug/l	93
44) Trichloroethene	9.09	130	73412	42.500	ug/l	93
45) 1,2-Dichloropropane	9.37	63	68981	52.528	ug/l	98
46) Dibromomethane	9.46	93	38031	50.064	ug/l #	87
47) Bromodichloromethane	9.65	83	103743	51.086	ug/l	99
48) Methyl methacrylate	9.43	41	36907	54.256	ug/l #	88
49) 1,4-Dioxane	9.45	88	11869	1172.007	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	187496	277.572	ug/l	96
52) Toluene	10.38	92	183245	46.366	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	81615	40.759	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	104527	44.911	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	56220	52.853	ug/l	98
56) Ethyl methacrylate	10.65	69	71202	51.960	ug/l	93
57) 1,3-Dichloropropane	10.93	76	89570	50.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	161725	254.561	ug/l	89
59) 2-Hexanone	10.97	43	137986	286.167	ug/l	97
60) Dibromochloromethane	11.13	129	70480	50.183	ug/l	99
61) 1,2-Dibromoethane	11.23	107	48226	46.463	ug/l	96
64) Tetrachloroethene	10.86	164	57257	47.123	ug/l	92
65) Chlorobenzene	11.66	112	165761	49.619	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	74627	62.153	ug/l	97
67) Ethyl Benzene	11.73	91	294582	47.285	ug/l	99
68) m/p-Xylenes	11.83	106	223165	91.386	ug/l	99
69) o-Xylene	12.16	106	113291	49.704	ug/l	100
70) Styrene	12.18	104	169893	43.727	ug/l	98
71) Bromoform	12.35	173	39398	58.235	ug/l #	98
73) Isopropylbenzene	12.46	105	235751	70.645	ug/l	99
74) N-amyl acetate	12.27	43	56764	97.773	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	55920	118.022	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	43827m	117.705	ug/l	
77) Bromobenzene	12.74	156	60762	79.251	ug/l	88
78) n-propylbenzene	12.80	91	207889	53.504	ug/l	97
79) 2-Chlorotoluene	12.89	91	144390	65.941	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	161755	56.269	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	17211	101.044	ug/l	91
82) 4-Chlorotoluene	12.99	91	134795	57.979	ug/l	98
83) tert-Butylbenzene	13.21	119	133287	53.049	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	163704	57.737	ug/l	99
85) sec-Butylbenzene	13.38	105	130088	37.490	ug/l	97
86) p-Isopropyltoluene	13.49	119	120612	37.408	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	70433	46.235	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	72127	48.300	ug/l	98
89) n-Butylbenzene	13.82	91	71534	24.273	ug/l	97
90) Hexachloroethane	14.09	117	23092	39.053	ug/l	73
91) 1,2-Dichlorobenzene	13.87	146	71815	54.250	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8684	101.277	ug/l	81

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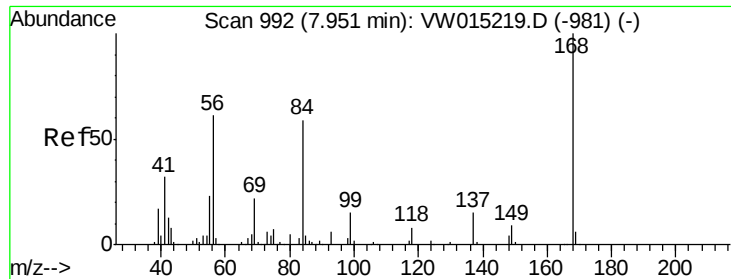
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	17254	18.752	ug/l	98
94) Hexachlorobutadiene	15.23	225	7286	11.877	ug/l	98
95) Naphthalene	15.36	128	71394	48.235	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	15803	21.109	ug/l	98

(#) = 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. -0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

ClientSampled :

WB-4-1MS

Tot Ion:168 Resp: 157501

Ion Ratio Lower Upper

168 100

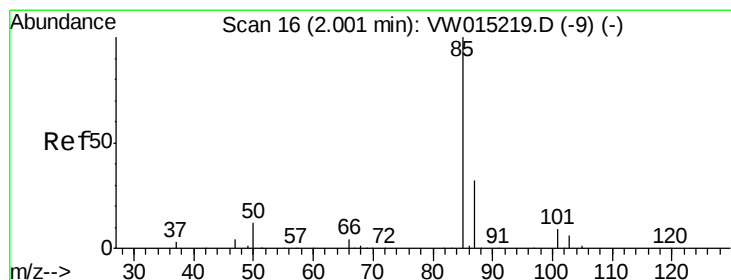
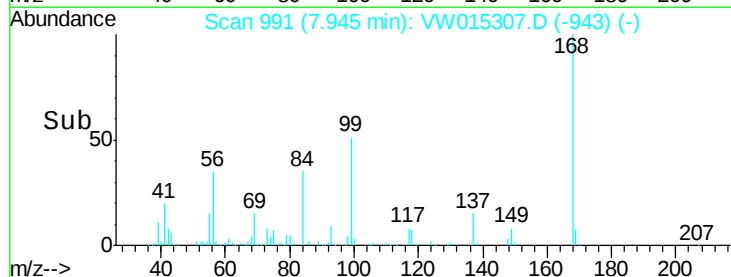
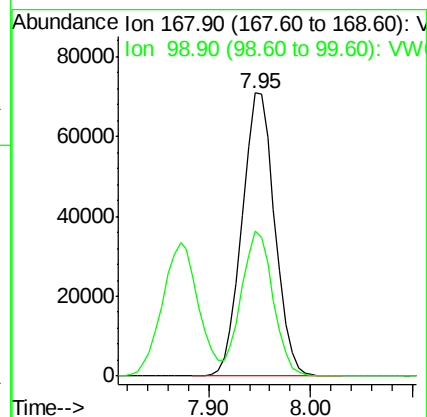
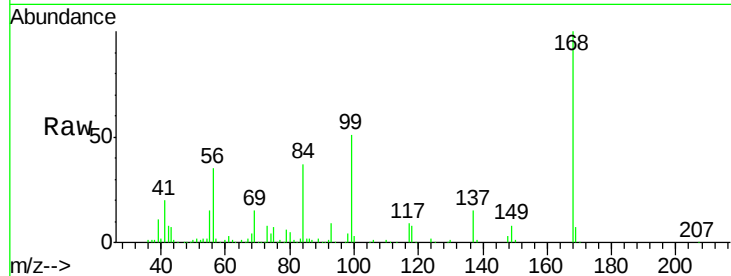
99 51.2 48.5 72.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 56.597 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015307.D

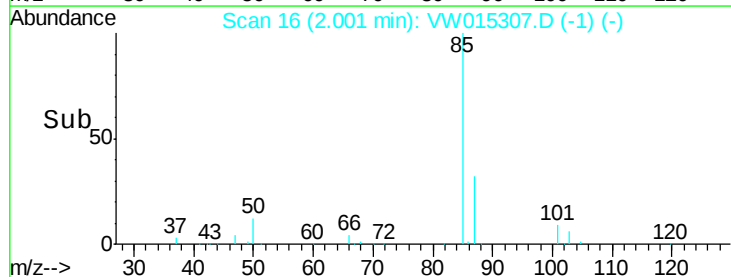
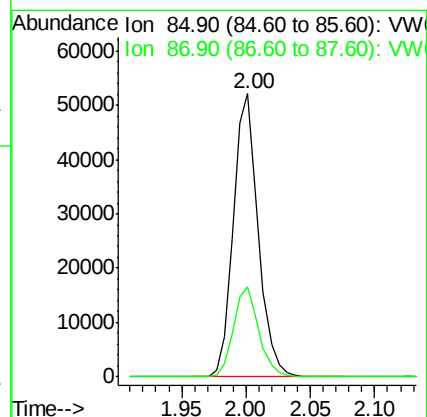
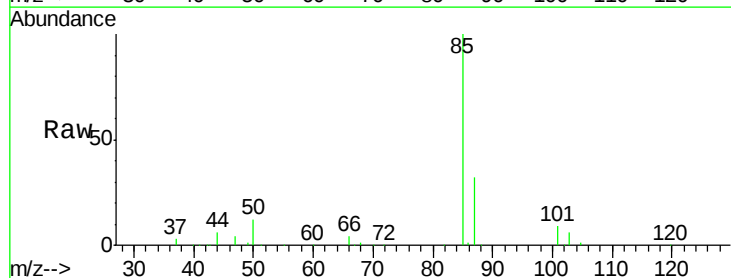
Acq: 22 Apr 2020 14:50

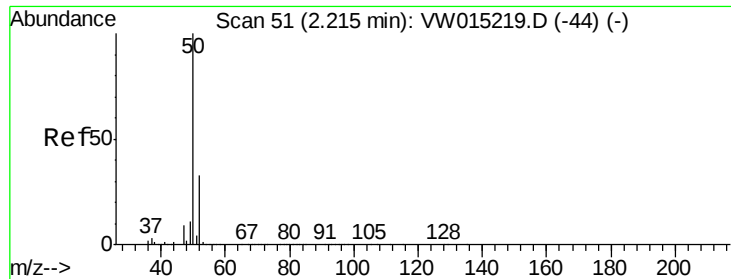
Tgt Ion: 85 Resp: 70394

Ion Ratio Lower Upper

85 100

87 32.0 17.2 51.6





#3

Chloromethane

Concen: 58.389 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

ClientSampleId :

WB-4-1MS

Tot Ion: 50 Resp: 79085

Ion Ratio Lower Upper

50 100

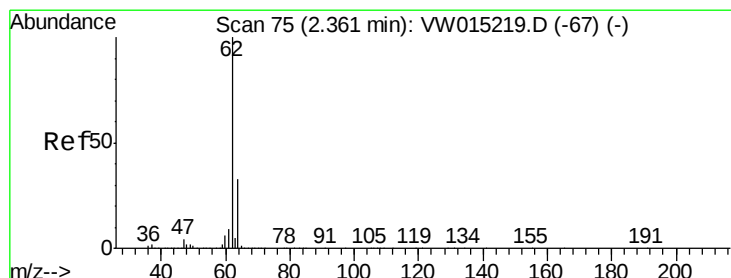
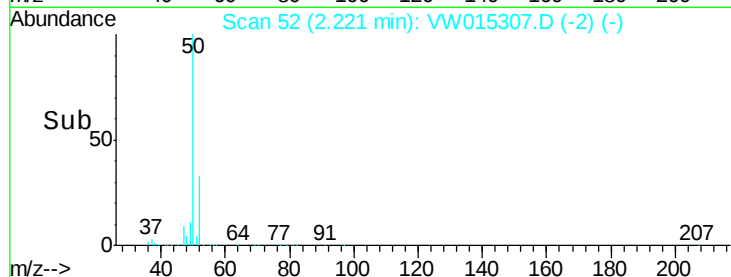
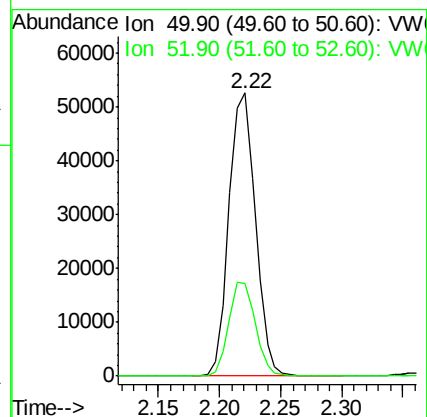
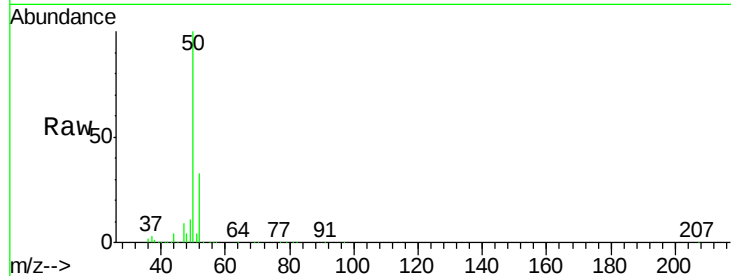
52 32.6 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.921 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW015307.D

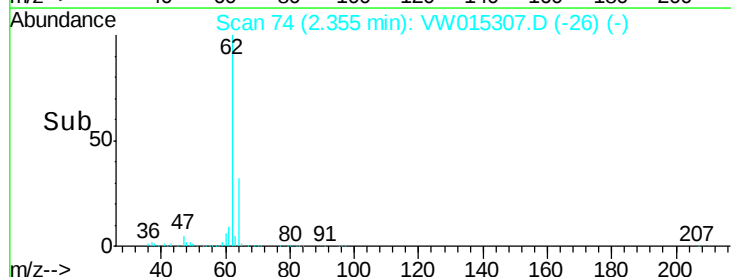
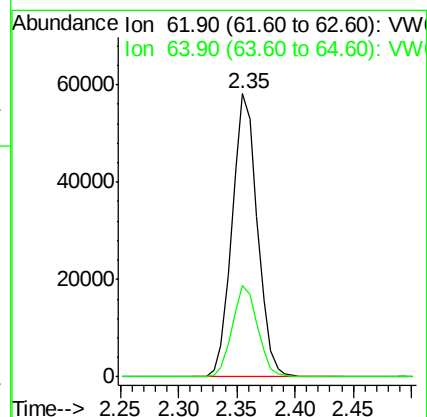
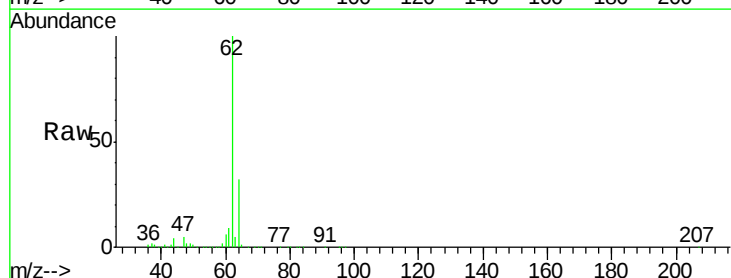
Acq: 22 Apr 2020 14:50

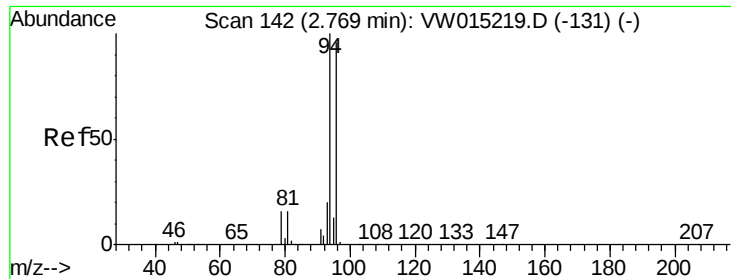
Tgt Ion: 62 Resp: 87841

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 65.863 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

ClientSampleId :

WB-4-1MS

Tot Ion: 94 Resp: 74900

Ion Ratio Lower Upper

94 100

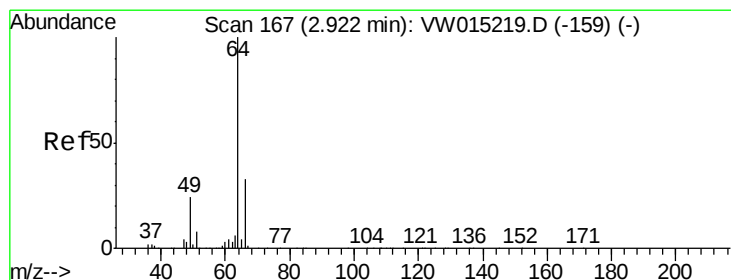
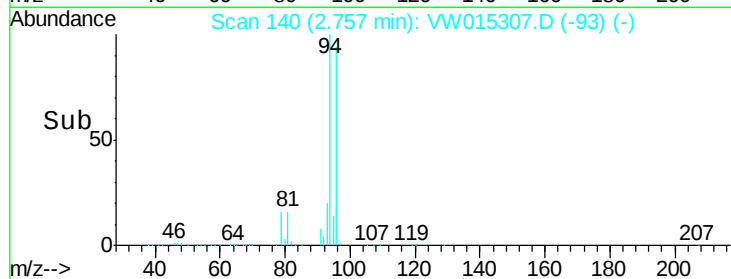
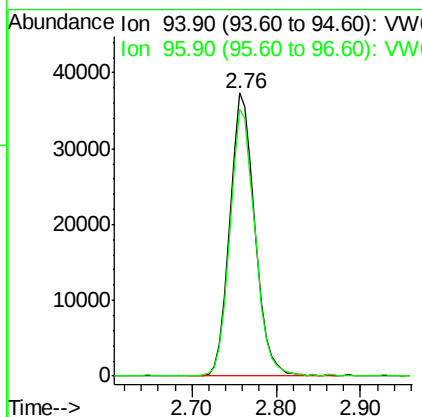
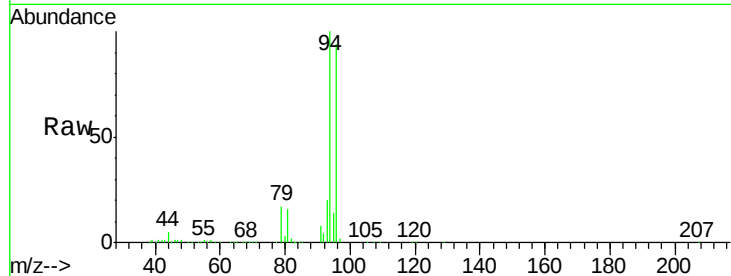
96 94.3 70.4 105.6

Manual Integrations

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#6

Chloroethane

Concen: 56.052 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015307.D

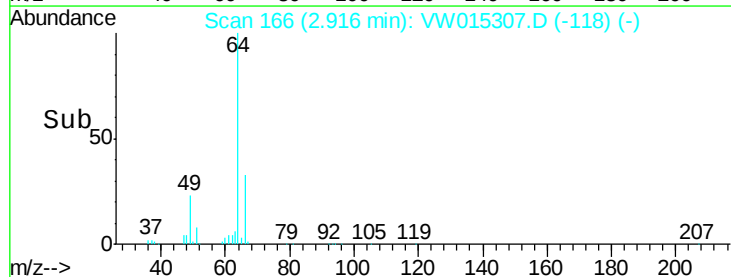
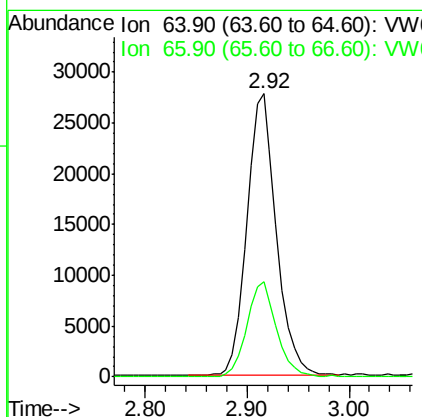
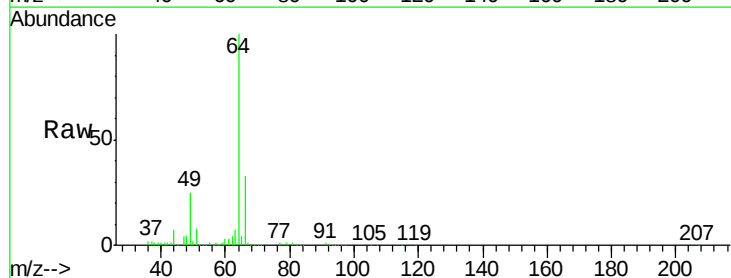
Acq: 22 Apr 2020 14:50

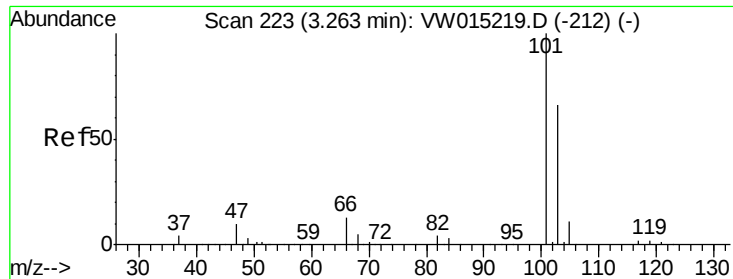
Tgt Ion: 64 Resp: 55609

Ion Ratio Lower Upper

64 100

66 33.4 25.8 38.6





#7

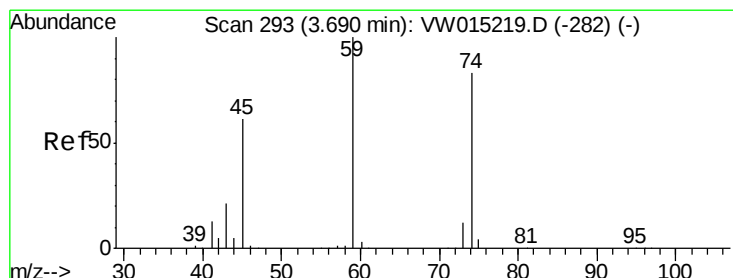
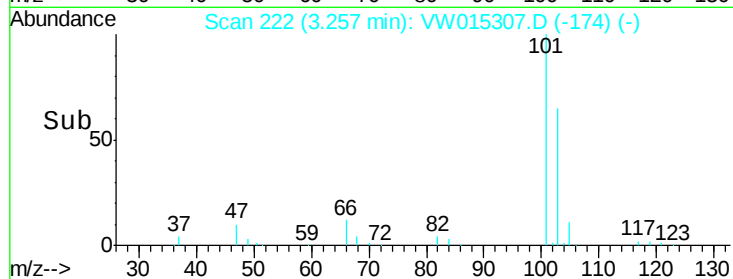
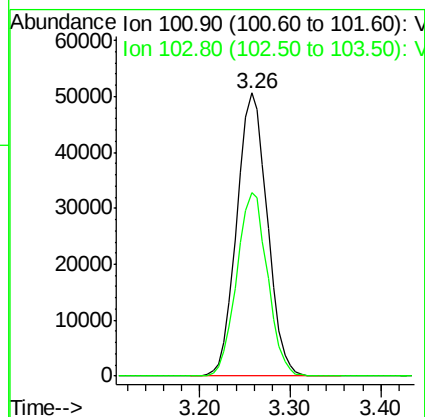
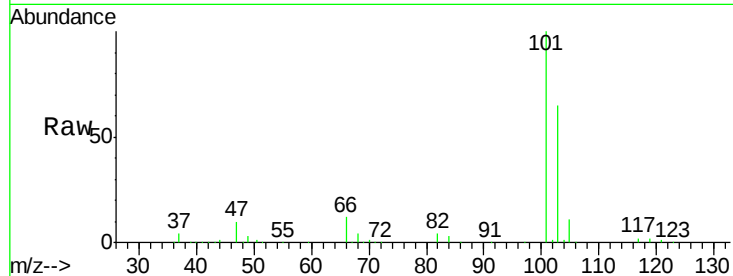
Trichlorofluoromethane
Concen: 52.293 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015307.D
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WB-4-1MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	118351		
103	65.0	51.3	76.9	

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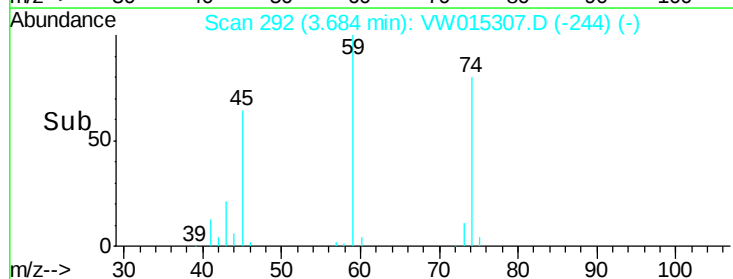
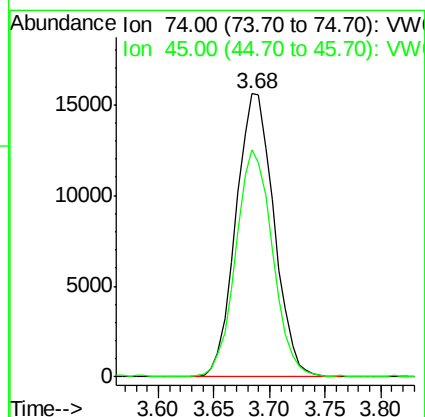
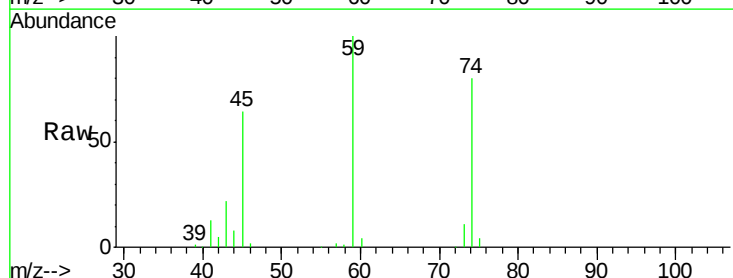
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4/23/2020 1:32:58 PM

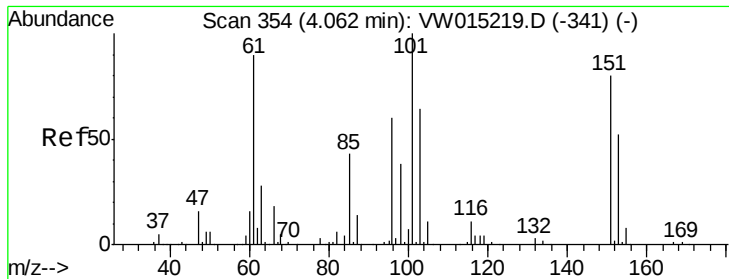


#8

Diethyl Ether
Concen: 58.259 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	37010		
45	77.9	45.5	136.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.965 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

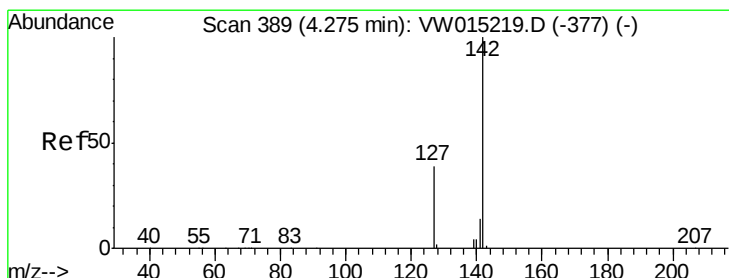
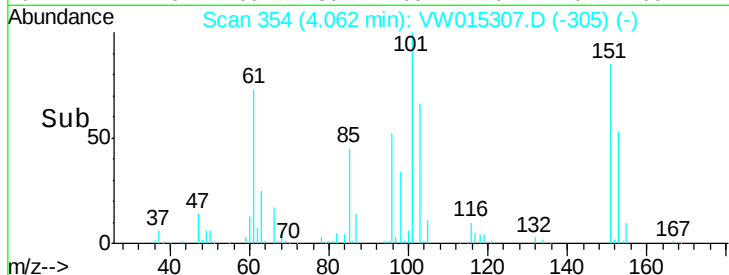
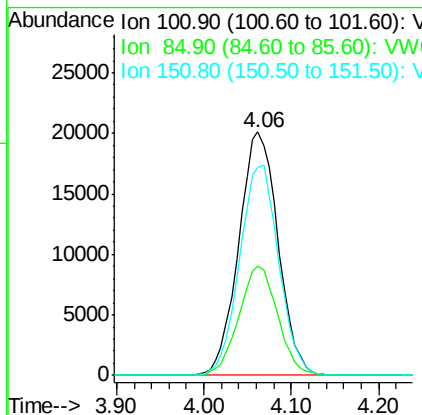
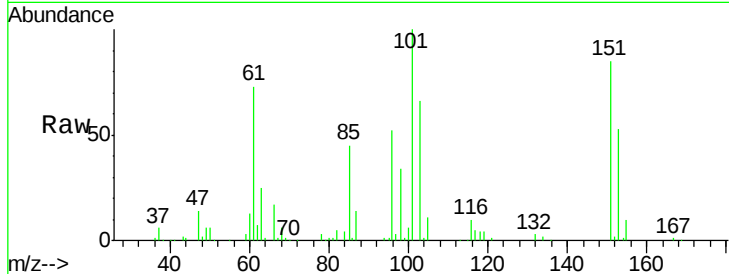
ClientSampled :

WB-4-1MS

Tot Ion:	101	Resp:	62757
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.3	52.9
151	86.0	59.3	88.9

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#10

Methyl Iodide

Concen: 52.427 ug/l

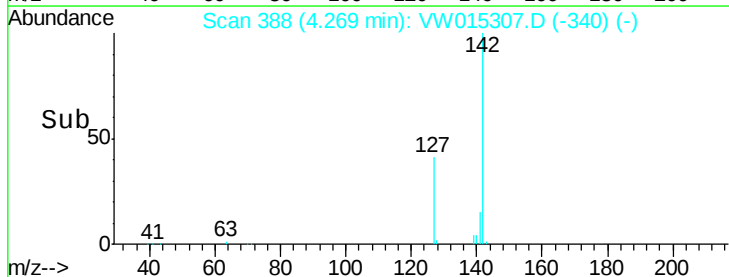
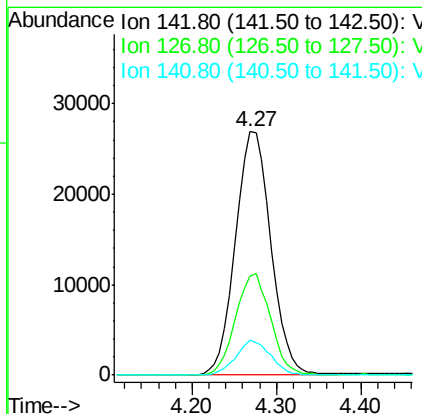
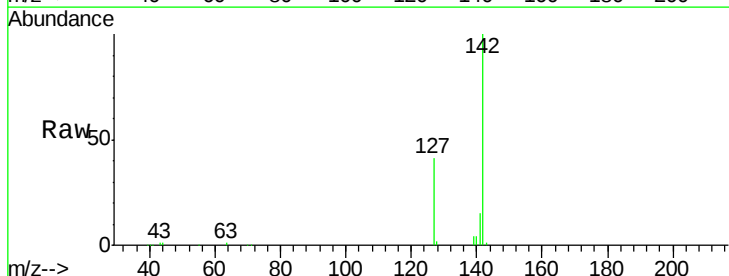
RT: 4.27 min Scan# 388

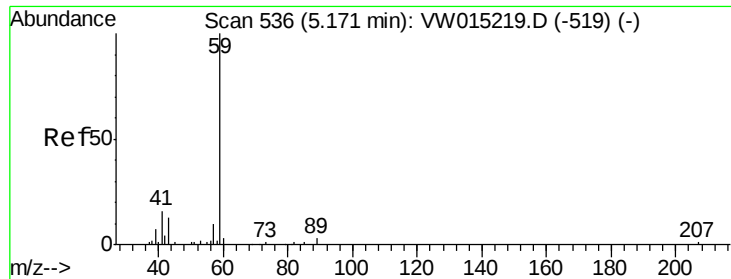
Delta R.T. -0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Tgt Ion:	142	Resp:	76855
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.9	50.9
141	14.0	11.4	17.2





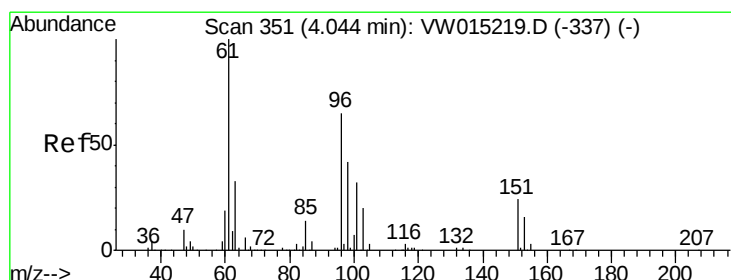
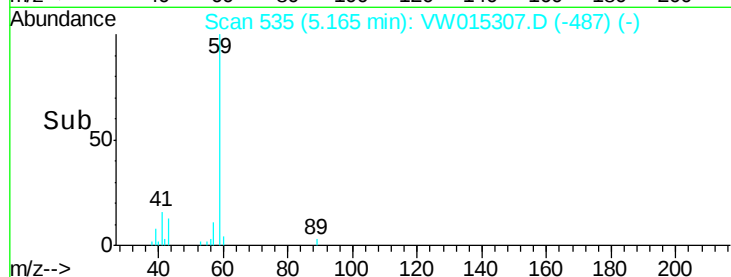
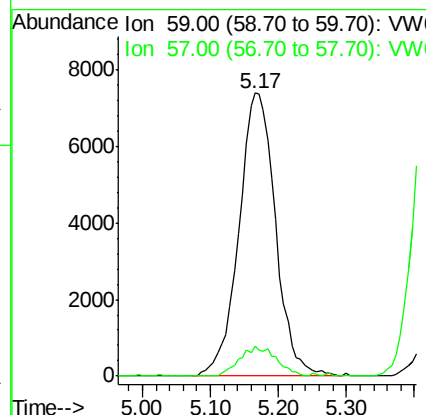
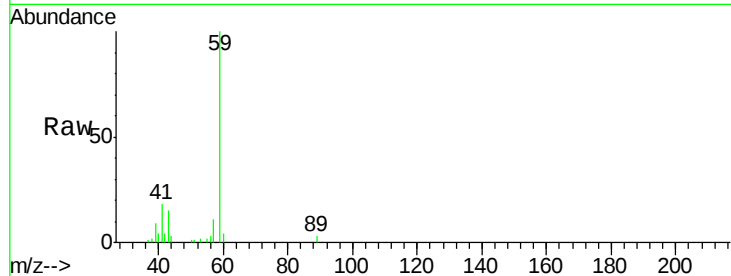
#11
Tert butyl alcohol
Concen: 262.387 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

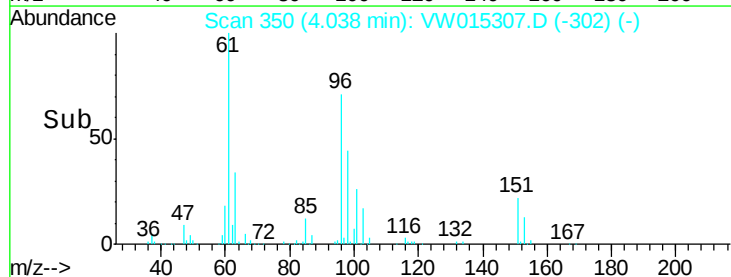
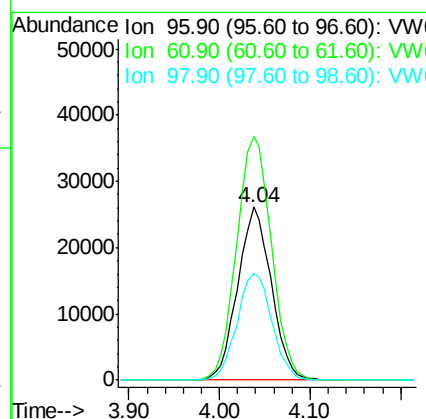
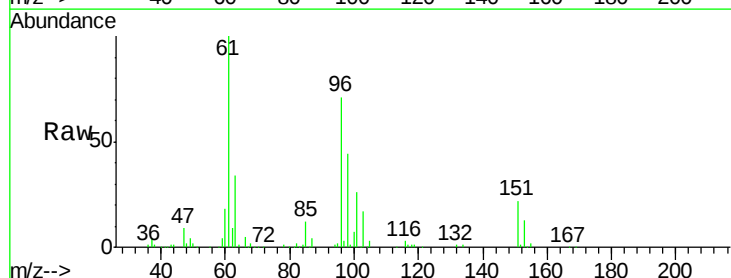
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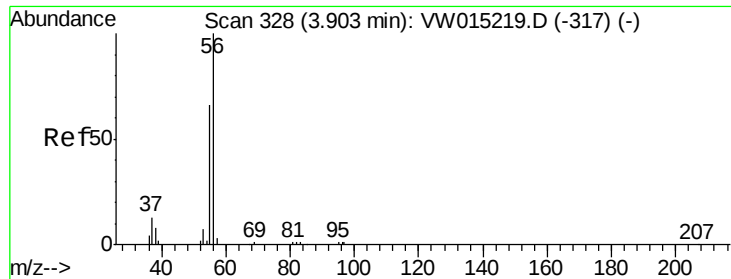
MMDadoda
4/23/2020 1:32:58 PM



#12
1,1-Dichloroethene
Concen: 49.844 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.6	127.0	190.4
98	61.8	51.0	76.4





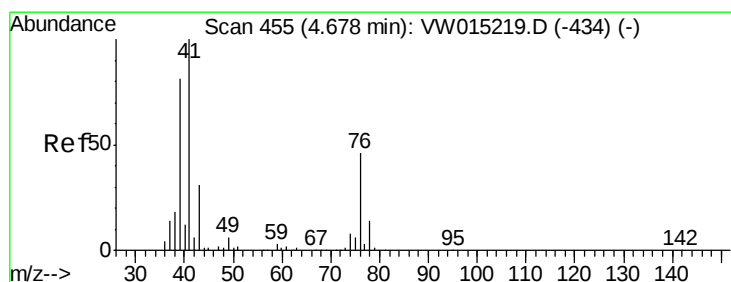
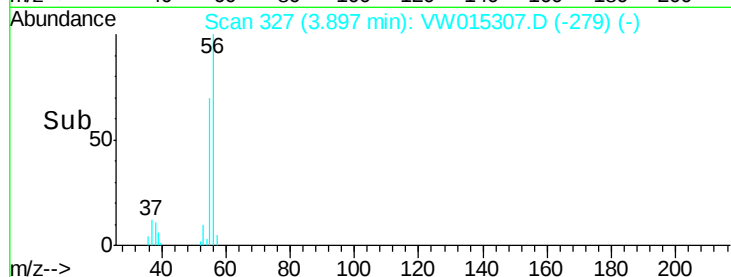
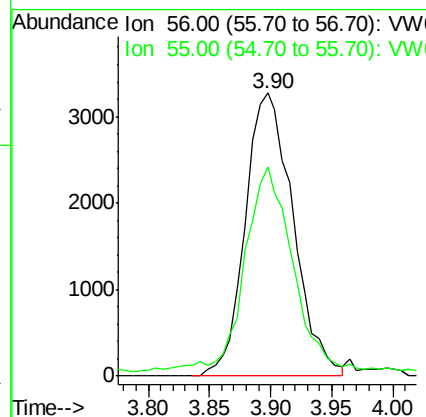
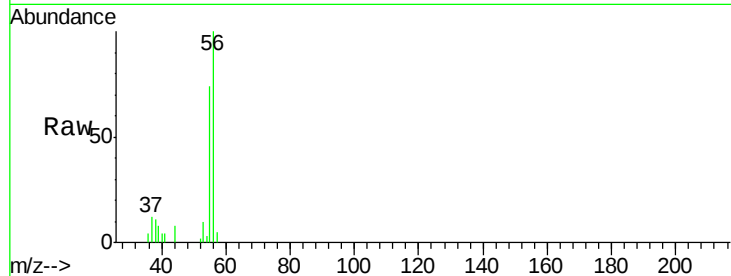
#13
Acrolein
Concen: 161.943 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	75.6	56.2	84.2

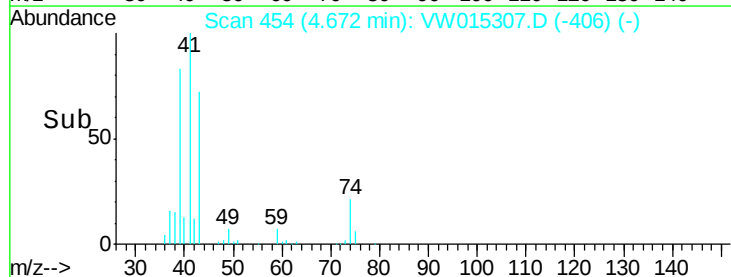
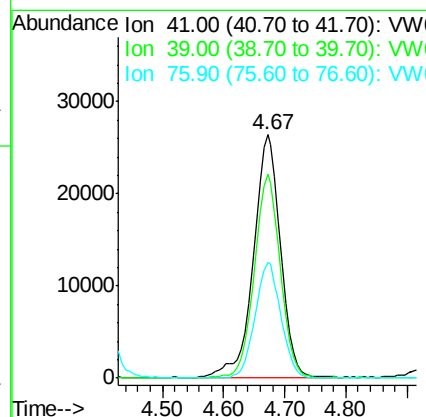
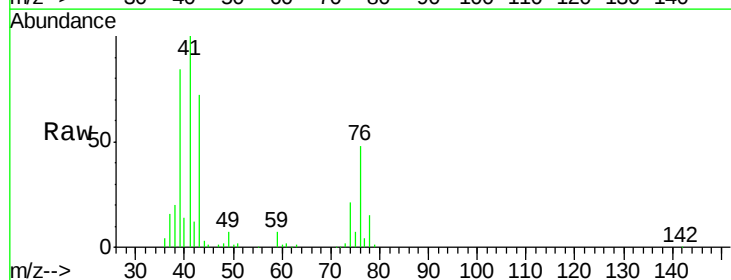
Manual Integrations
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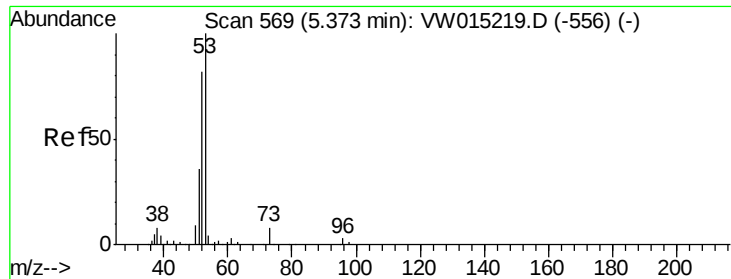
MMDadoda
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#14
Allyl chloride
Concen: 45.789 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.9	54.0	81.0
76	45.4	31.8	47.6





#15

Acrylonitrile

Concen: 271.882 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

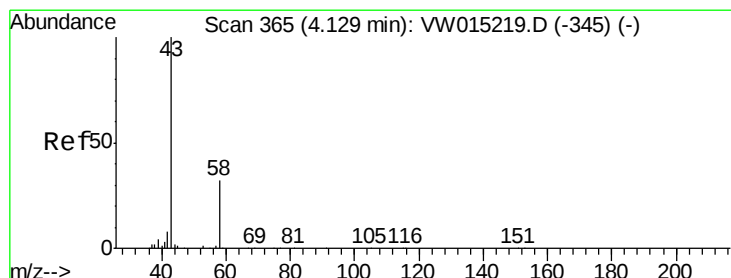
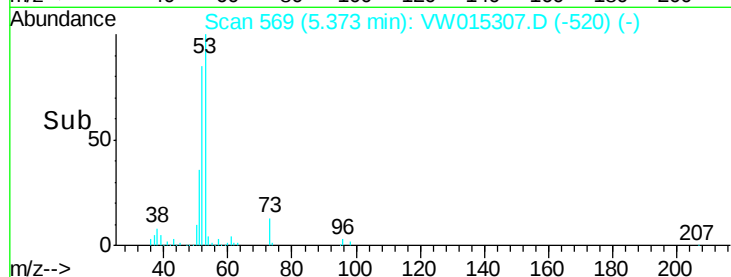
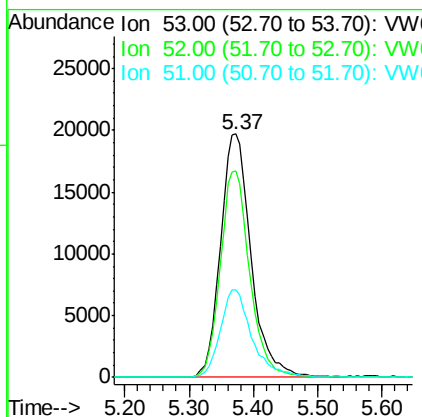
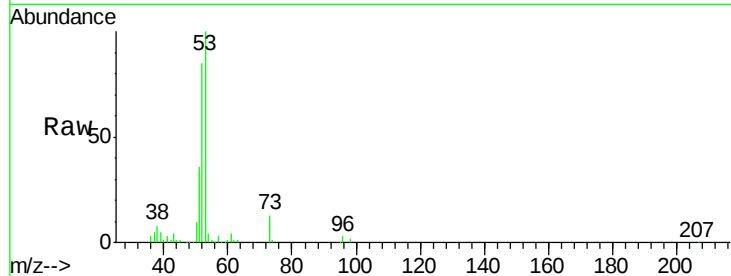
ClientSampleId :

WB-4-1MS

Tot Ion:	53	Resp:	65729
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.2	97.8
51	37.4	28.2	42.4

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#16

Acetone

Concen: 335.885 ug/l

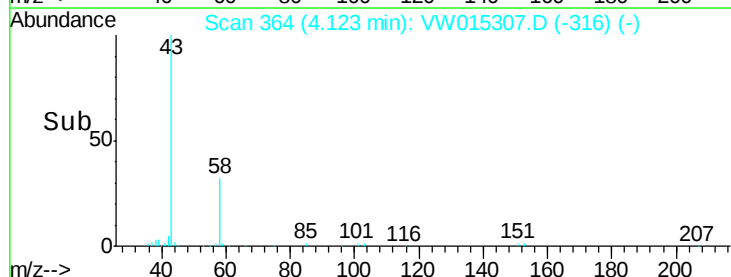
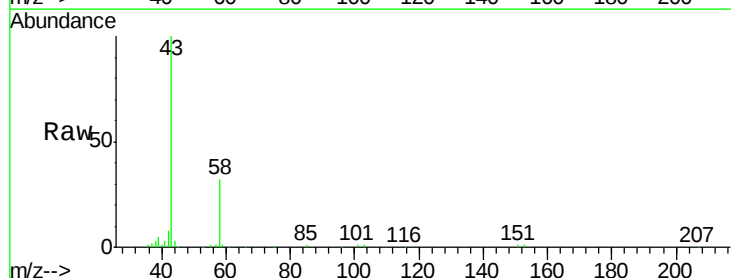
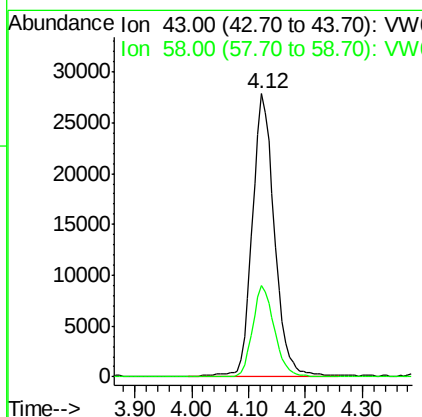
RT: 4.12 min Scan# 364

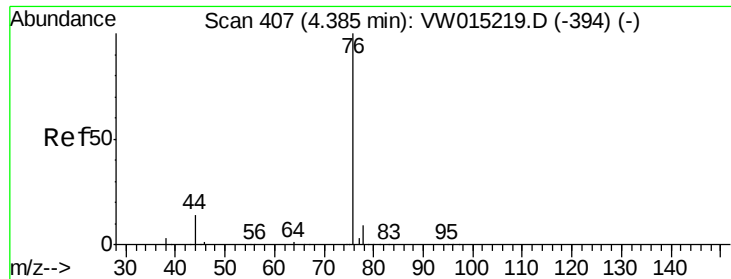
Delta R.T. -0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Tgt Ion:	43	Resp:	75560
Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.0	40.4





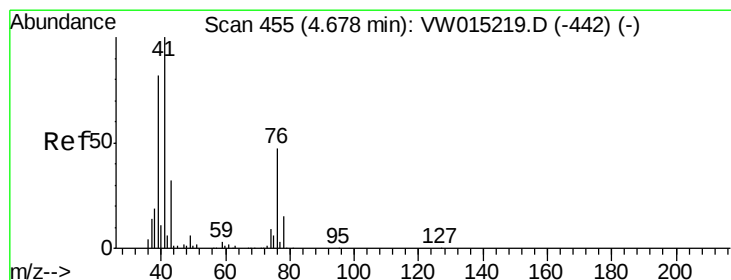
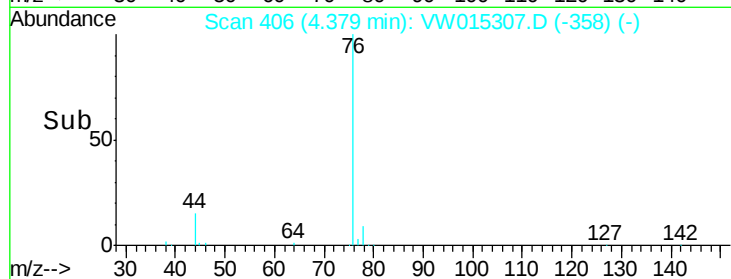
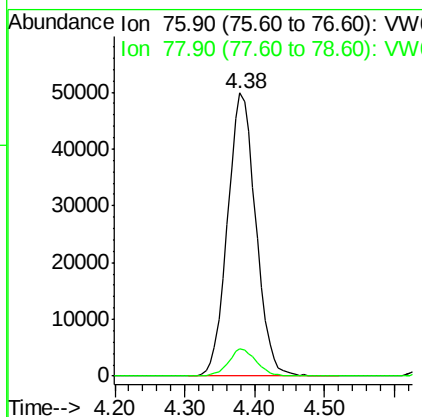
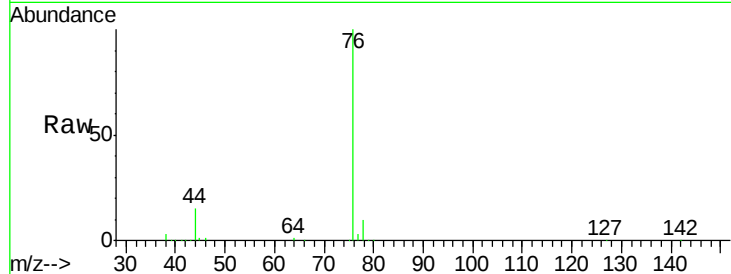
#17
Carbon Disulfide
Concen: 35.032 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.6

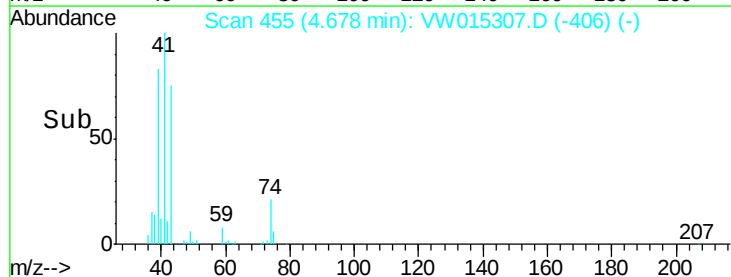
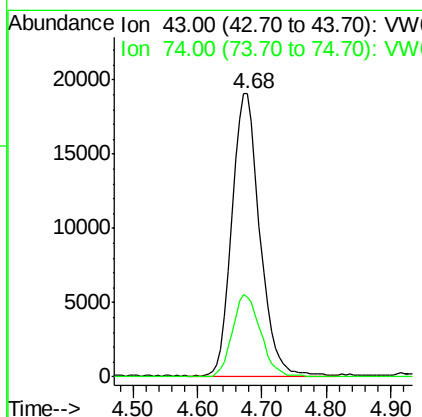
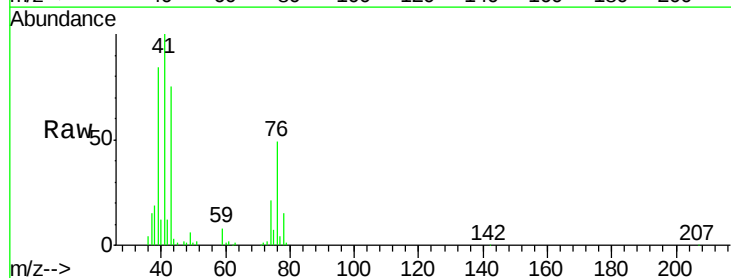
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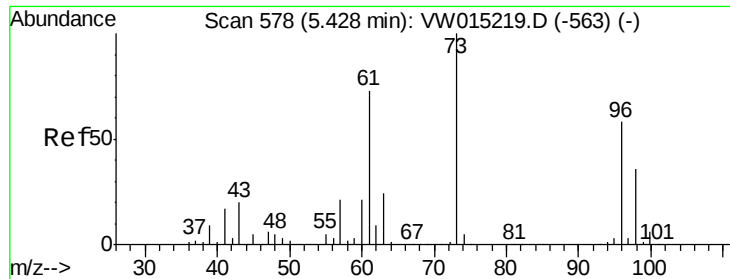
MMDadoda
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#18
Methyl Acetate
Concen: 96.306 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.5	20.6	31.0





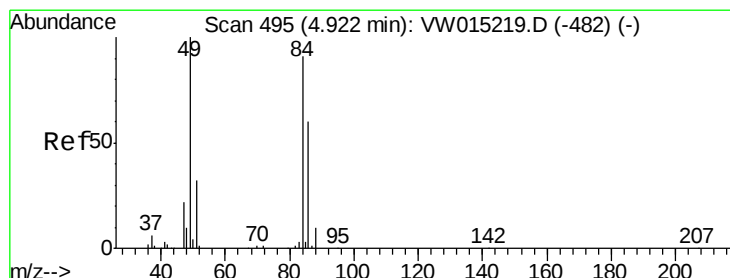
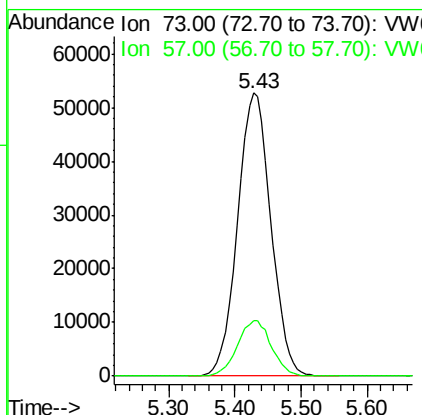
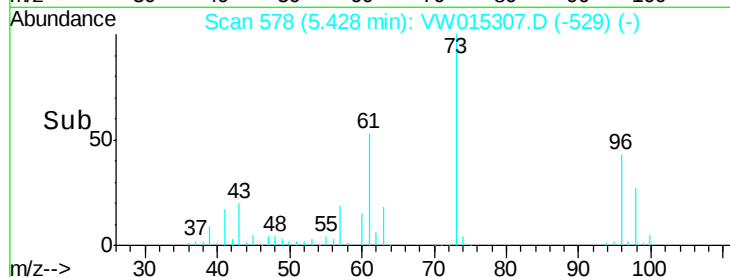
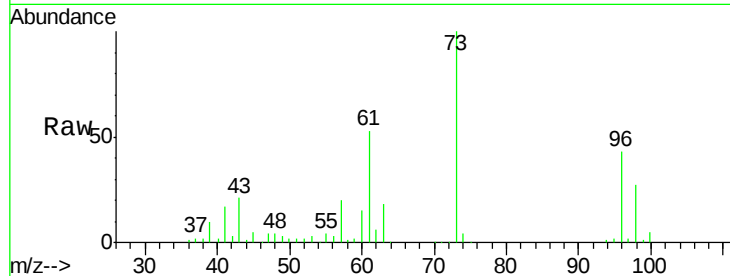
#19
Methvl tert-butvl Ether
Concen: 59.753 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion: 73 Resp: 184271
Ion Ratio Lower Upper
73 100
57 19.8 17.8 26.6

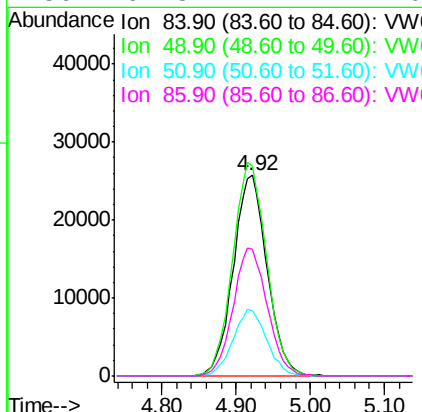
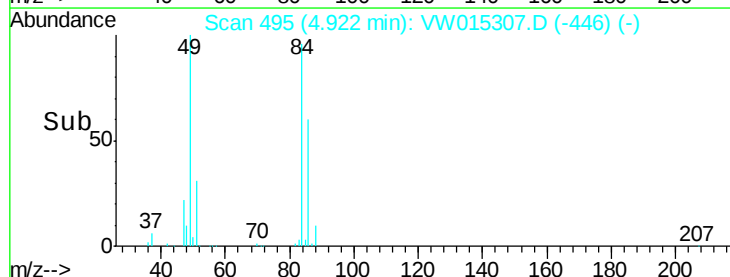
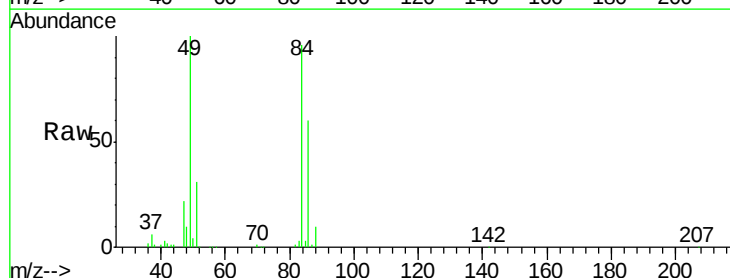
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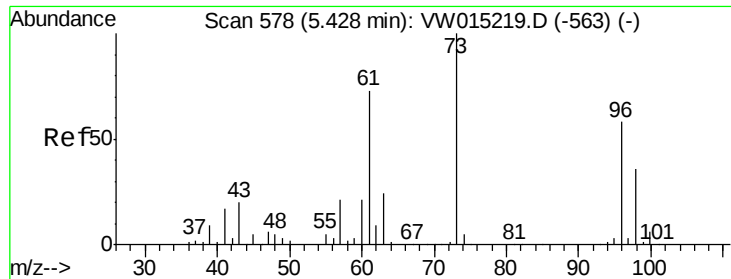
MMDadoda
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#20
Methylene Chloride
Concen: 55.564 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion: 84 Resp: 81920
Ion Ratio Lower Upper
84 100
49 104.5 95.4 143.0
51 32.8 29.8 44.8
86 62.8 47.4 71.0





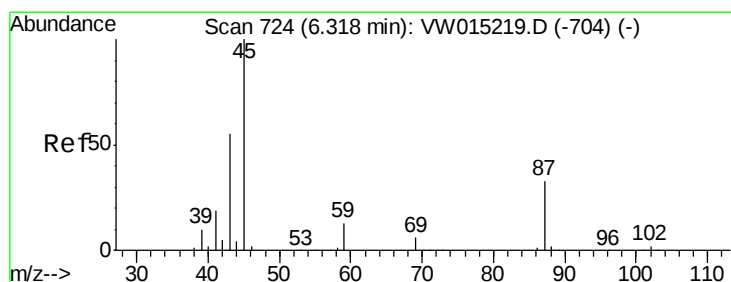
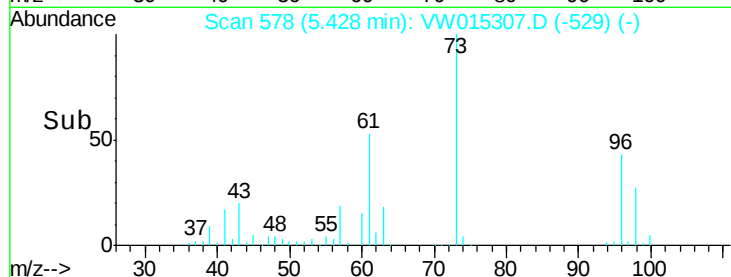
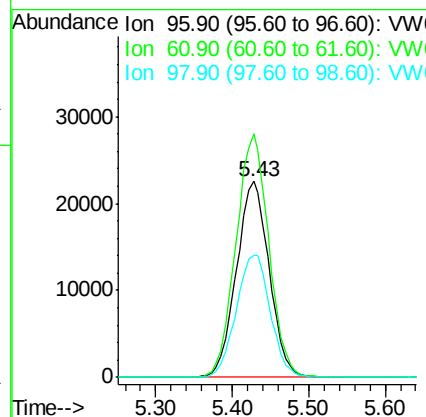
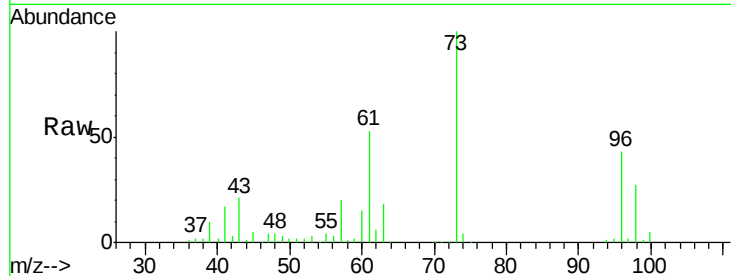
#21
trans-1,2-Dichloroethene
Concen: 43.892 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.4	107.8	161.6
98	62.6	50.2	75.2

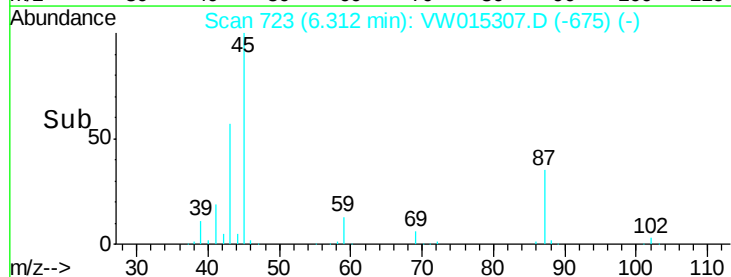
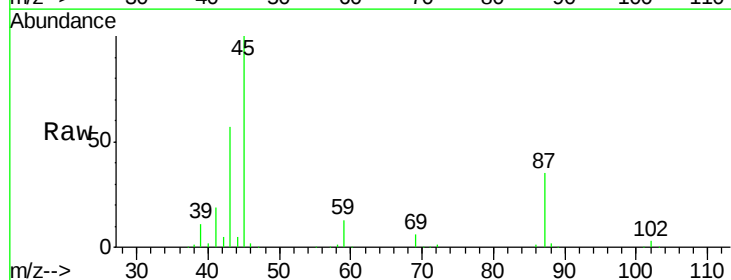
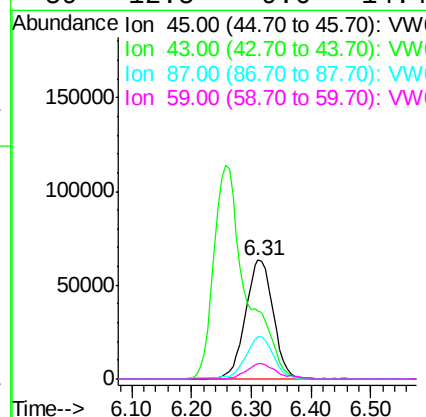
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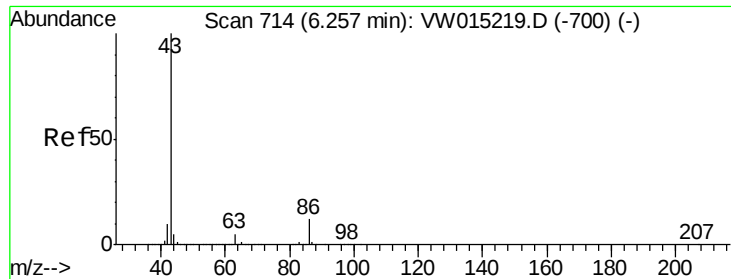
MMDadoda
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#22
Diisopropyl ether
Concen: 59.804 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.8	41.8	62.6
87	35.3	23.2	34.8
59	12.5	9.6	14.4





#23

Vinyl Acetate

Concen: 213.511 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

ClientSampled :

WB-4-1MS

Tot Ion: 43 Resp: 428367

Ion Ratio Lower Upper

43 100

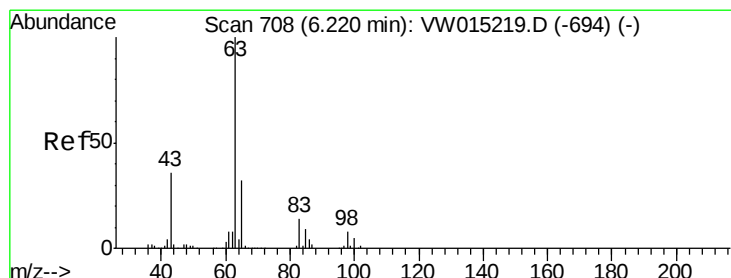
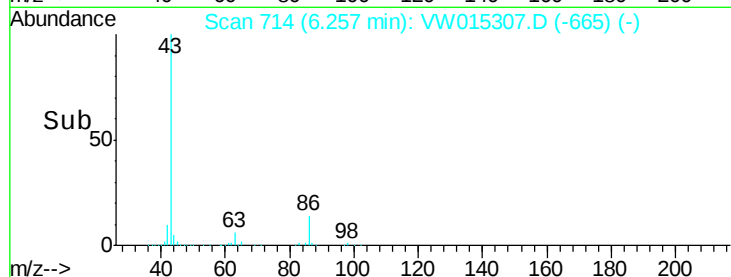
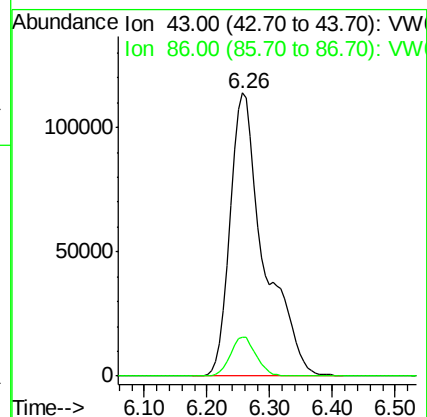
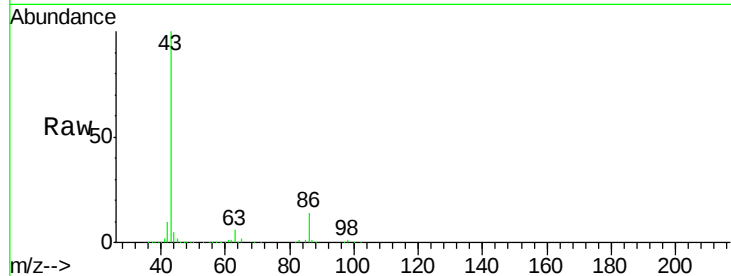
86 13.7 9.1 13.7#

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#24

1,1-Dichloroethane

Concen: 56.031 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

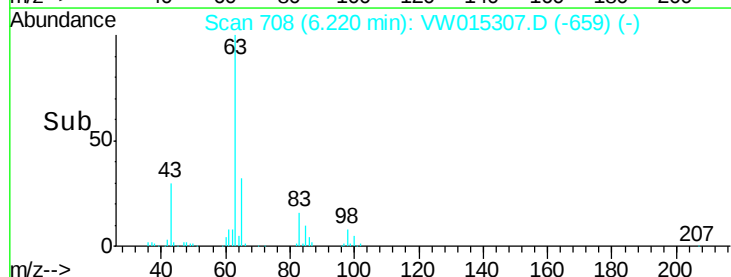
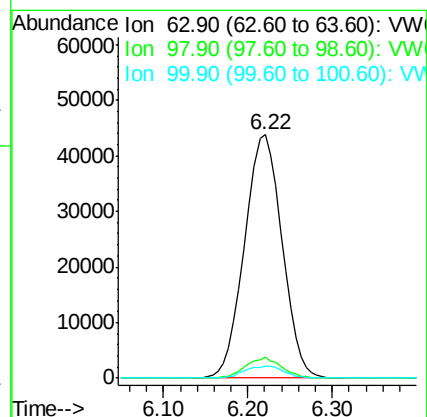
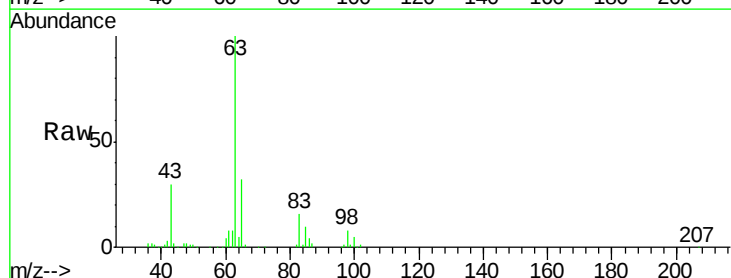
Tgt Ion: 63 Resp: 132764

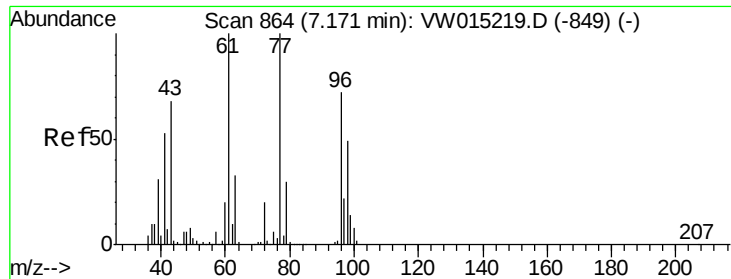
Ion Ratio Lower Upper

63 100

98 8.4 3.6 10.9

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 298.105 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

ClientSampleId :

WB-4-1MS

Tot Ion: 43 Resp: 88972

Ion Ratio Lower Upper

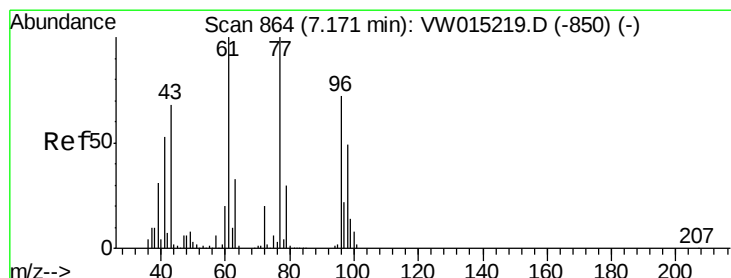
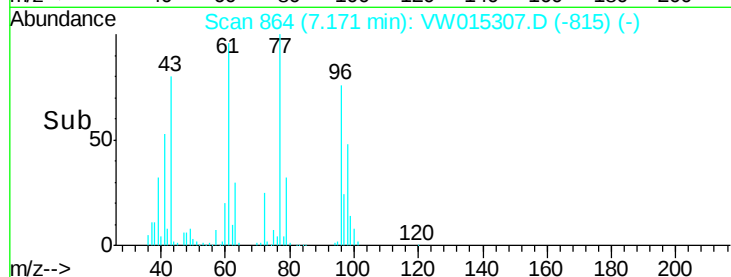
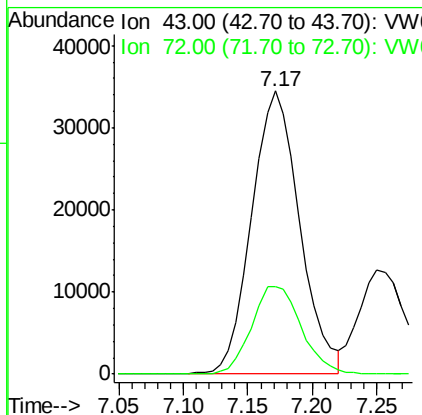
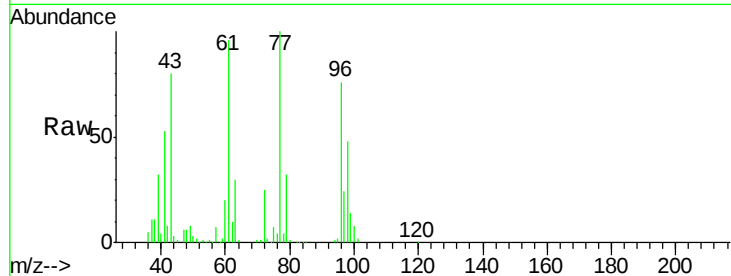
43 100

72 31.0 21.6 32.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 51.117 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015307.D

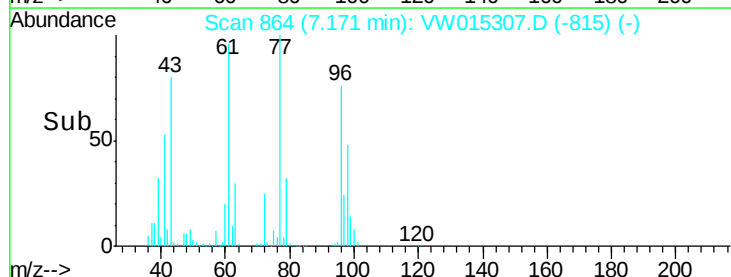
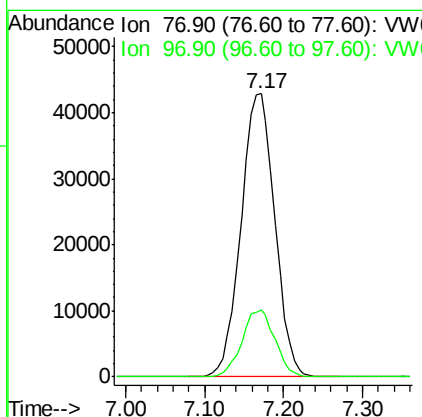
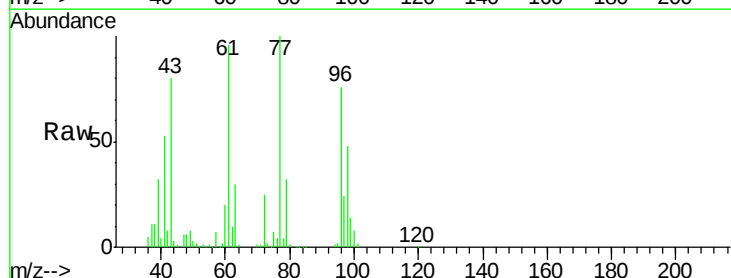
Acq: 22 Apr 2020 14:50

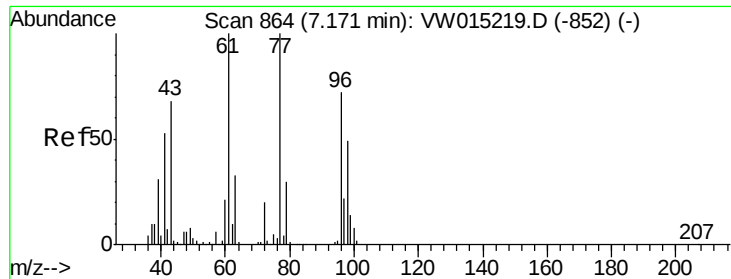
Tgt Ion: 77 Resp: 127424

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

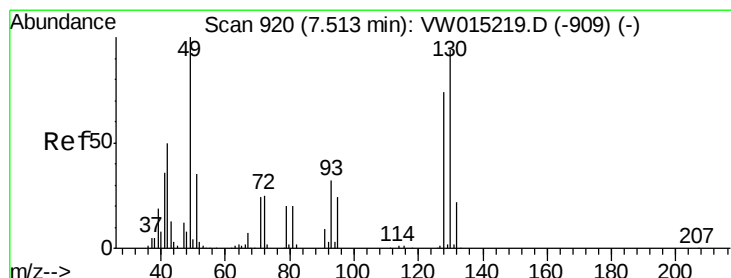
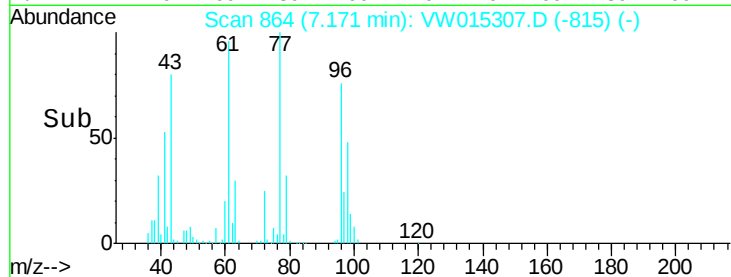
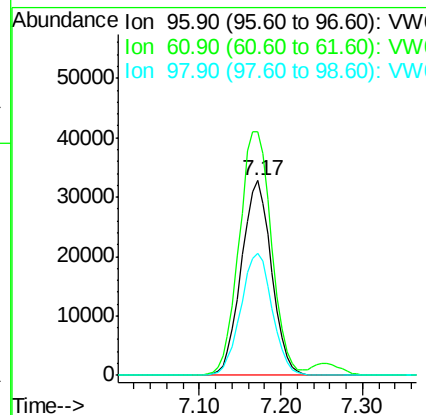
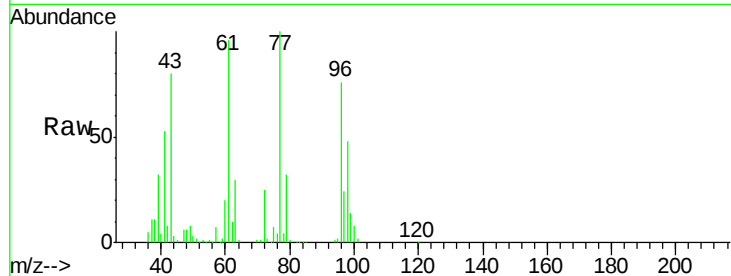
cis-1,2-Dichloroethene
 Concen: 51.329 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Instrument :
 MSVOA_W
 ClientSampled :
 WB-4-1MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	133.6	0.0	275.0	
98	64.8	0.0	130.8	

Manual Integrations
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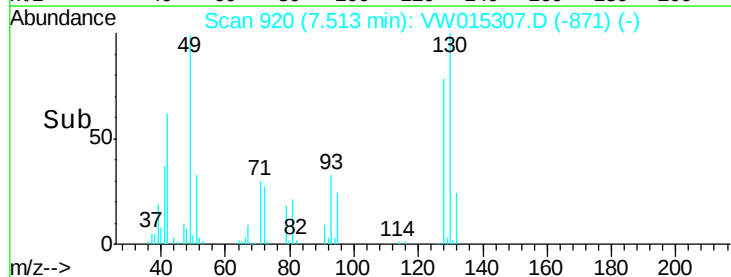
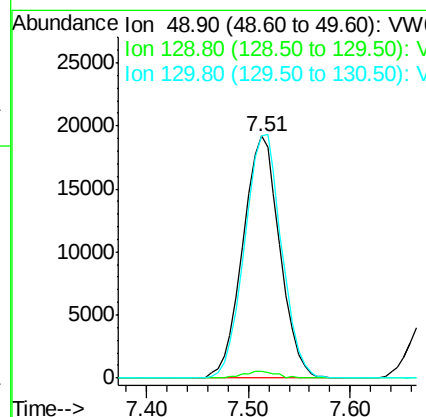
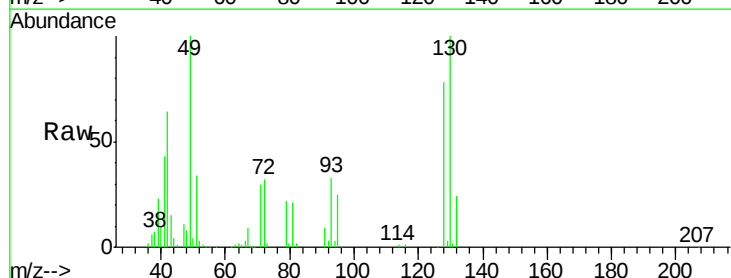
MMDadoda
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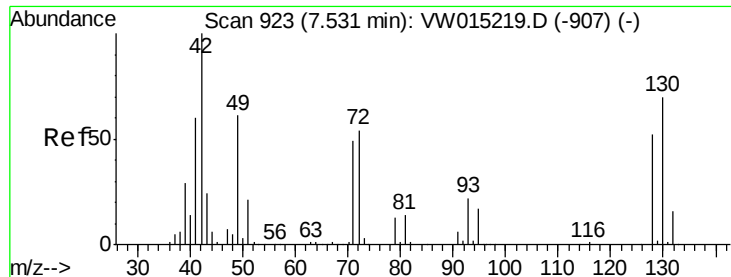


#28

Bromochloromethane
 Concen: 56.118 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	4.6	
130	100.7	60.9	91.3#	





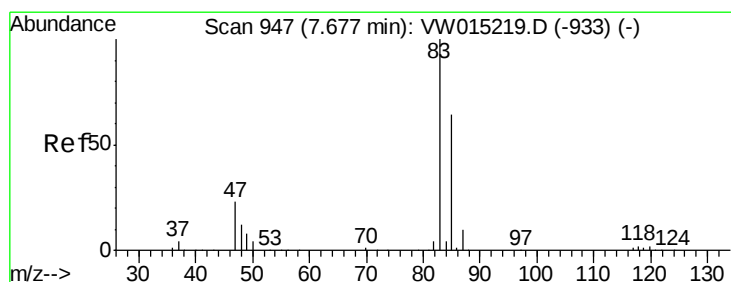
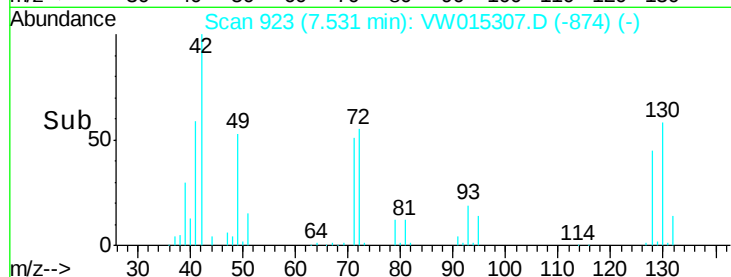
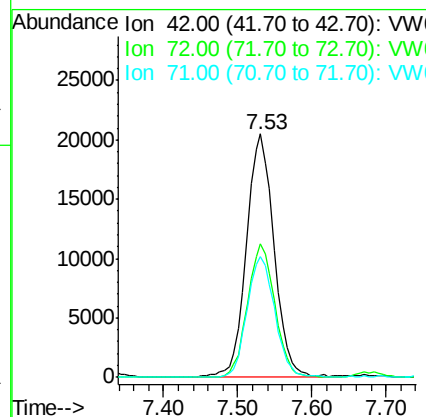
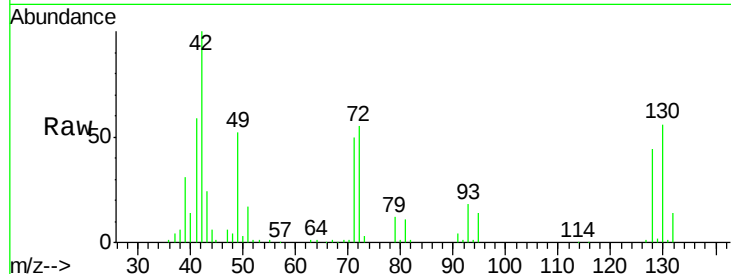
#29
Tetrahydrofuran
Concen: 288.677 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.1	36.2	54.2
71	49.7	34.2	51.4

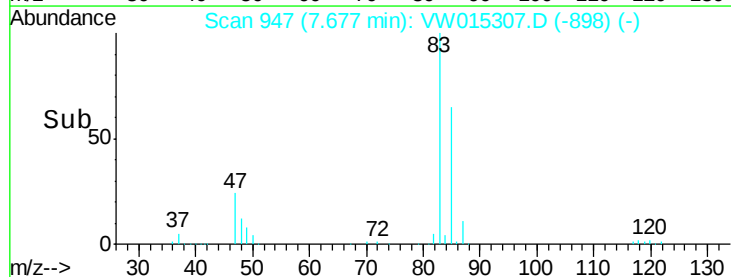
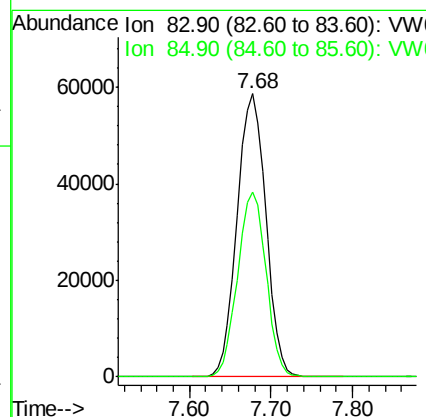
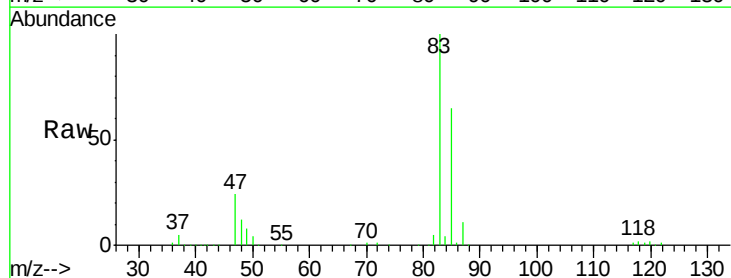
Manual Integrations
APPROVED

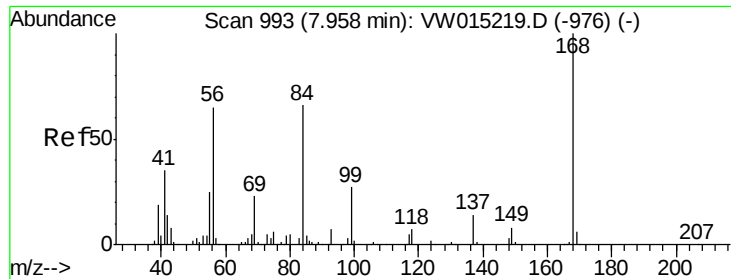
MMDadoda
4/23/2020 1:32:58 PM



#30
Chloroform
Concen: 56.007 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.9	76.3





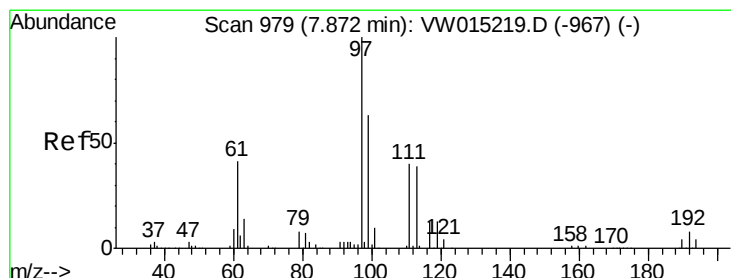
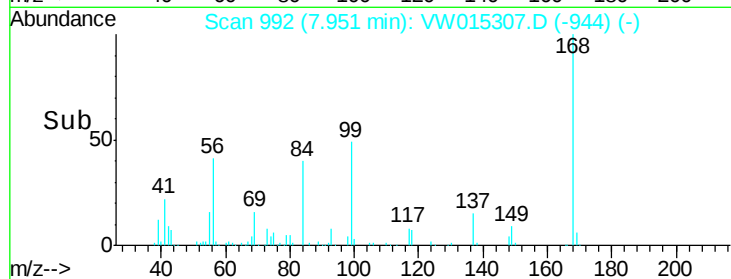
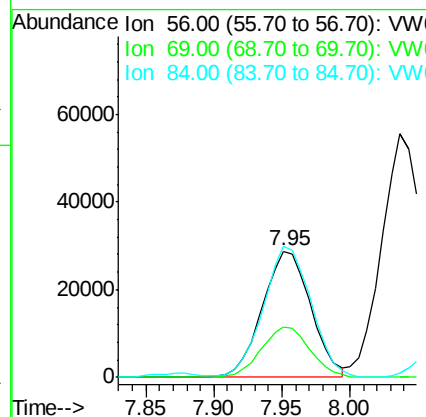
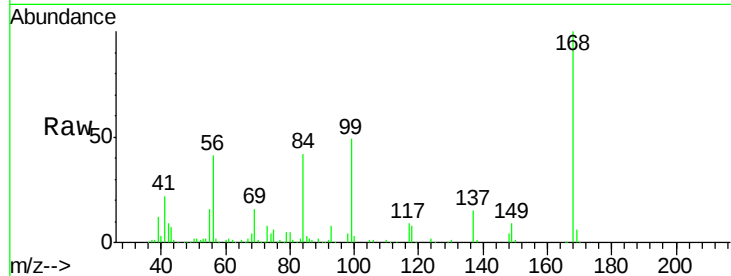
#31
Cyclohexane
Concen: 30.205 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampled :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	27.1	40.7
84	101.1	71.9	107.9

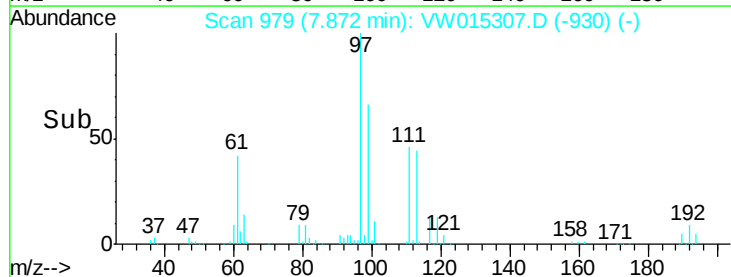
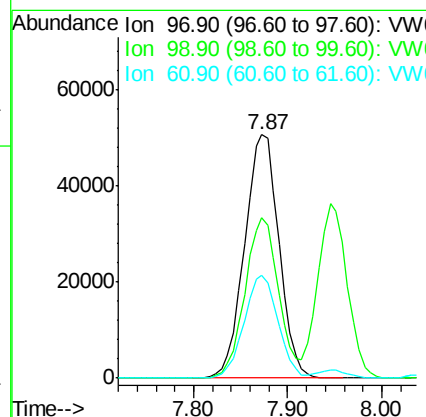
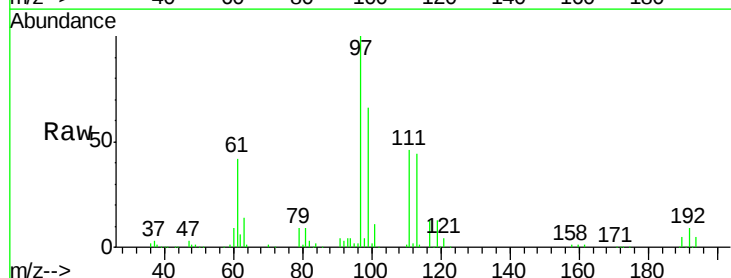
Manual Integrations
APPROVED

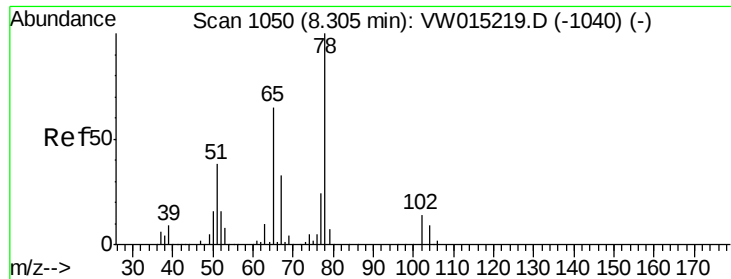
MMDadoda
4/23/2020 1:32:58 PM



#32
1,1,1-Trichloroethane
Concen: 52.001 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.2	78.2
61	41.8	34.2	51.2





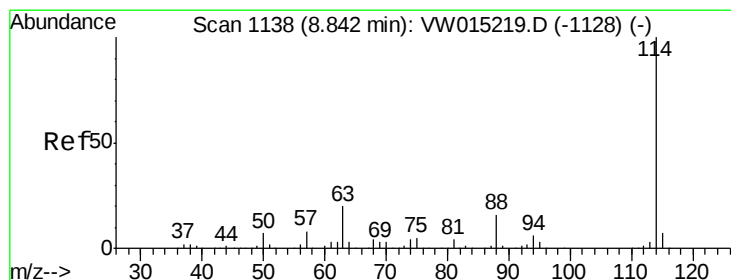
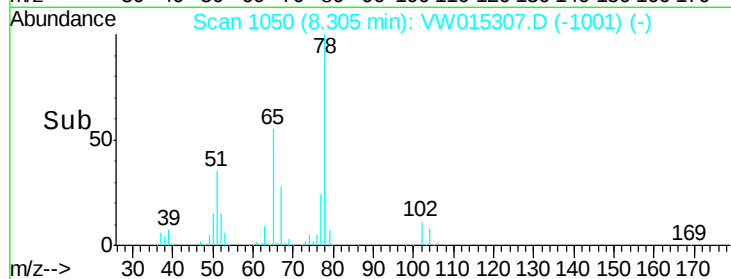
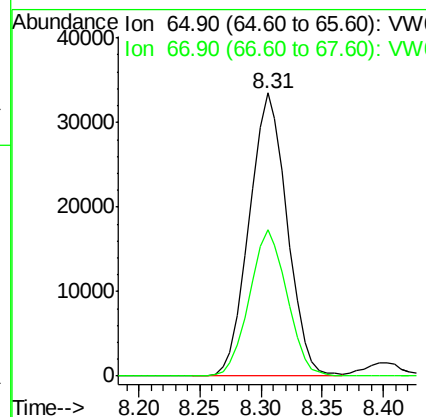
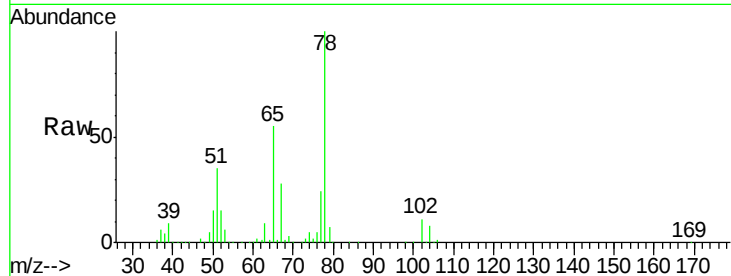
#33
 1,2-Dichloroethane-d4
 Concen: 56.060 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	107.0

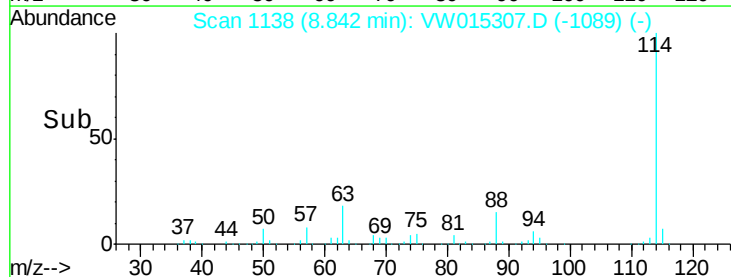
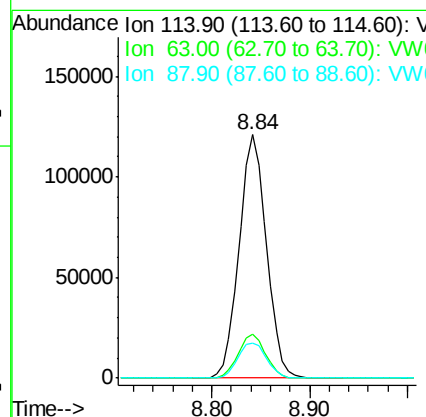
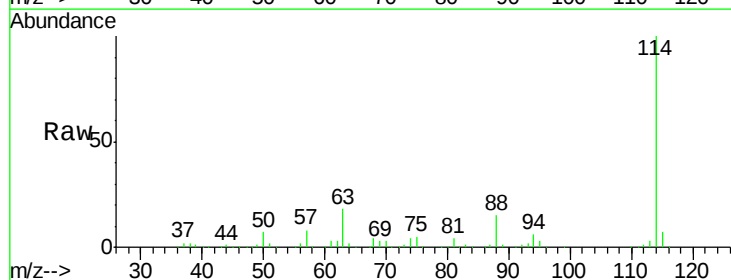
Manual Integrations
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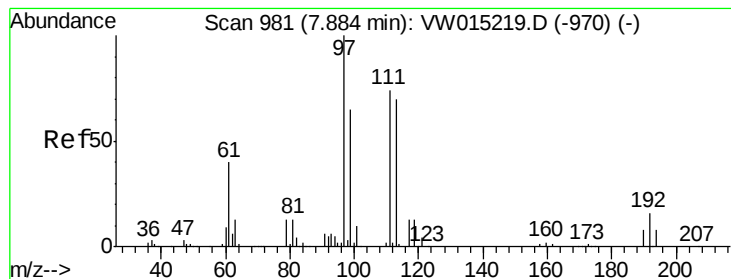
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	39.8
88	14.5	0.0	30.2





#35

Dibromofluoromethane

Concen: 57.610 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

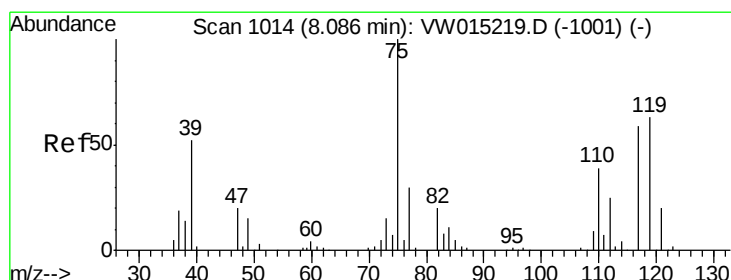
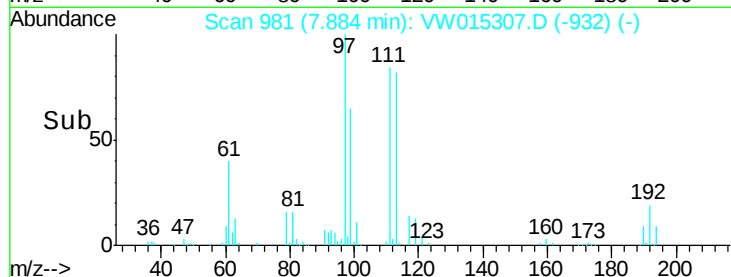
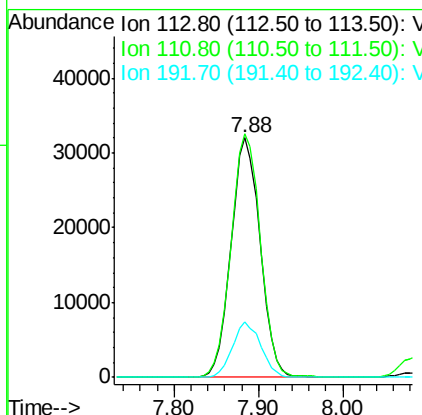
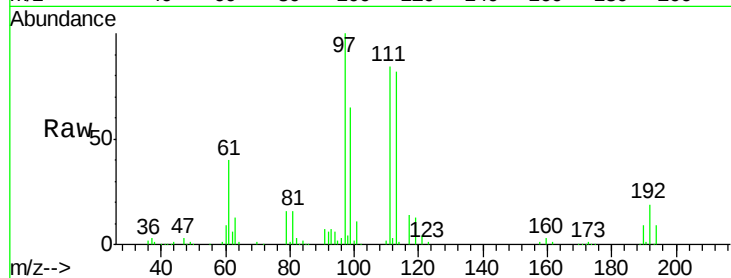
ClientSampleId :

WB-4-1MS

Tot Ion:	113	Resp:	74744
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	22.4	15.1	22.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 39.464 ug/l

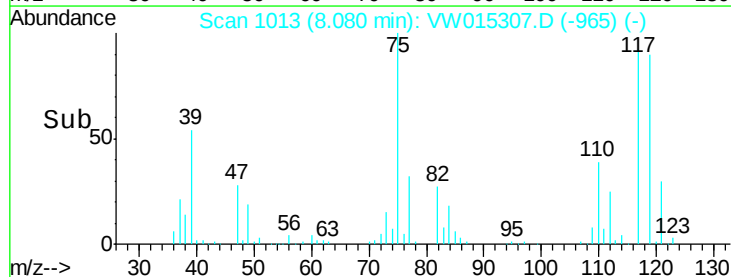
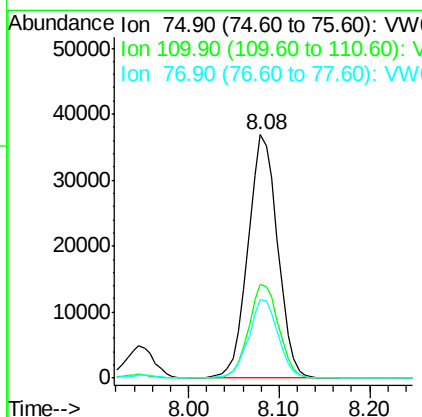
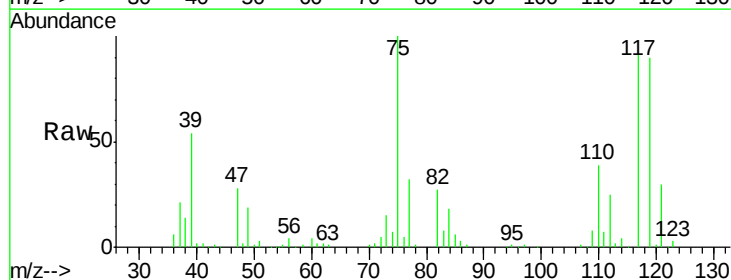
RT: 8.08 min Scan# 1013

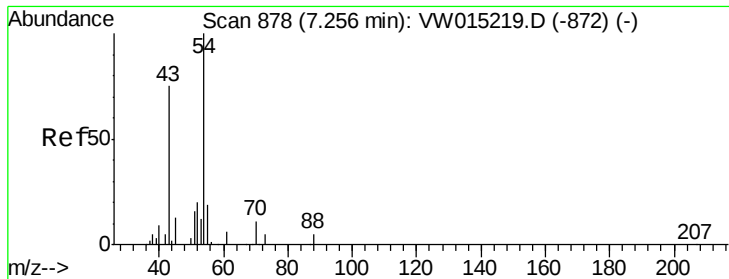
Delta R.T. -0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Tgt Ion:	75	Resp:	83428
Ion	Ratio	Lower	Upper
75	100		
110	38.8	18.2	54.6
77	32.3	24.5	36.7





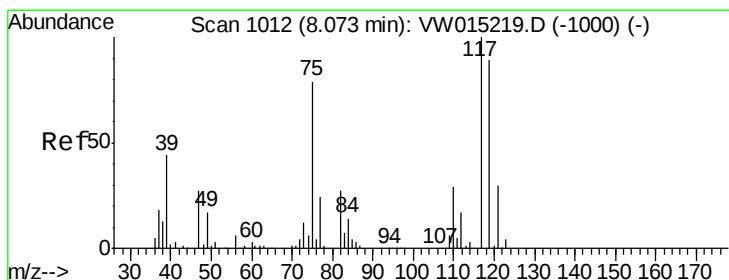
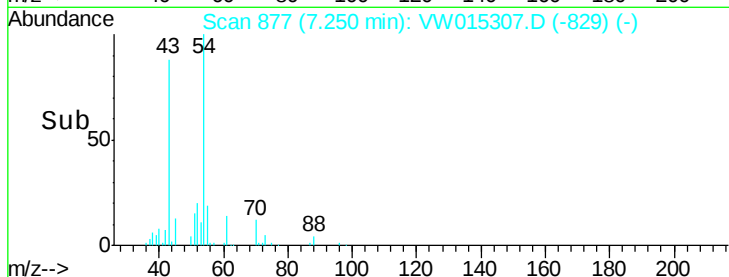
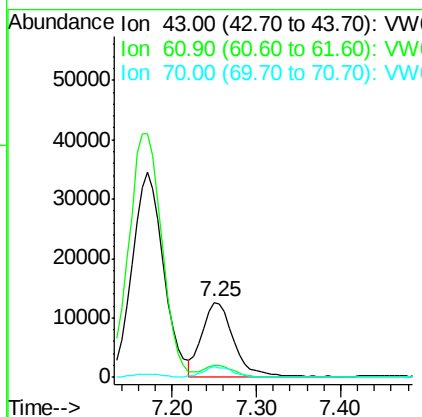
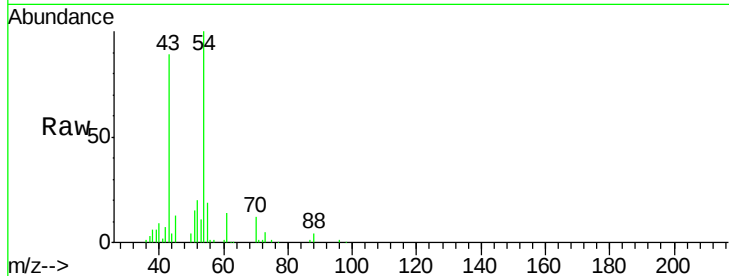
#37
Ethyl Acetate
Concen: 47.573 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.9	17.9
70	13.6	8.8	13.2

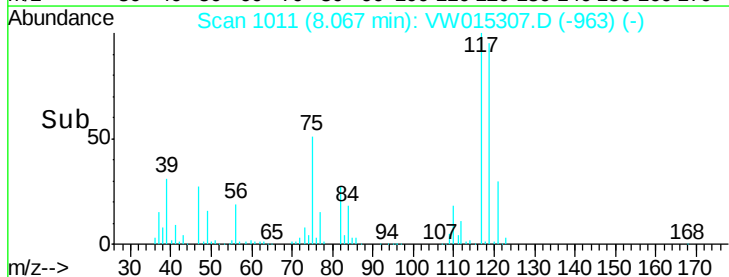
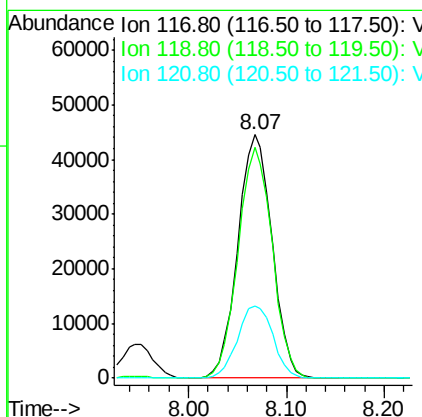
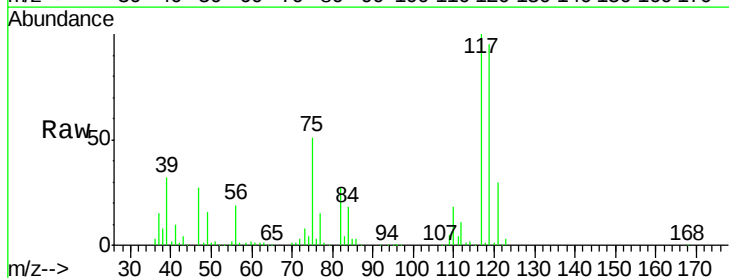
Manual Integrations
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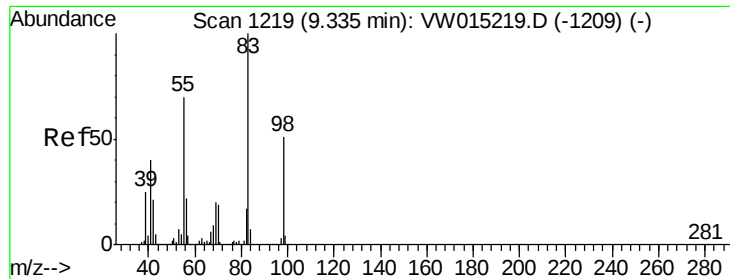
MMDadoda
4/23/2020 1:32:58 PM



#38
Carbon Tetrachloride
Concen: 46.640 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	72.3	108.5
121	29.7	23.7	35.5





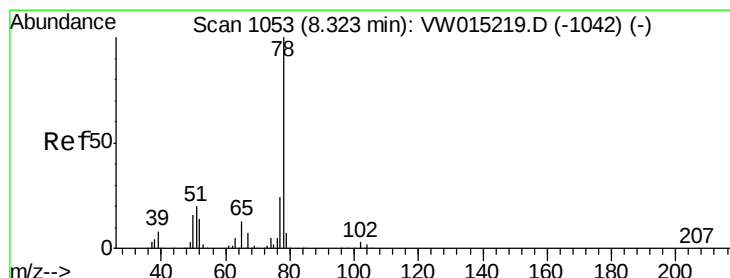
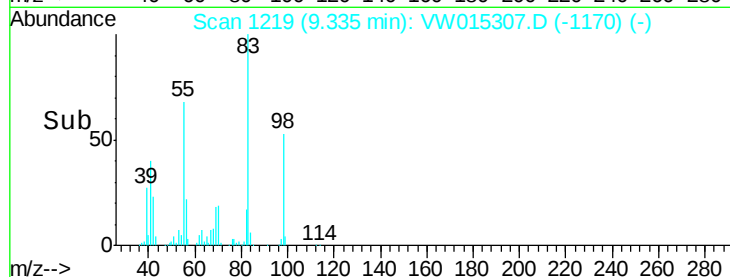
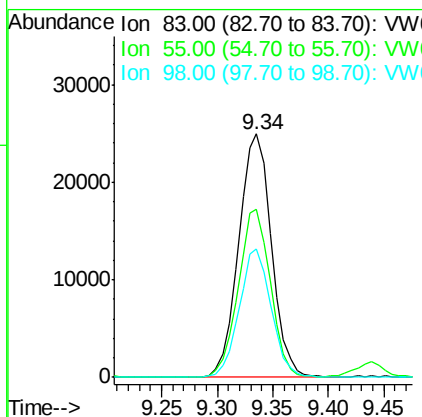
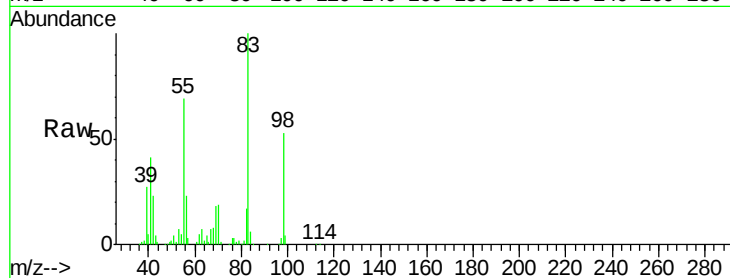
#39
Methvlcvclohexane
Concen: 18.107 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	58.1	87.1
98	52.8	40.2	60.4

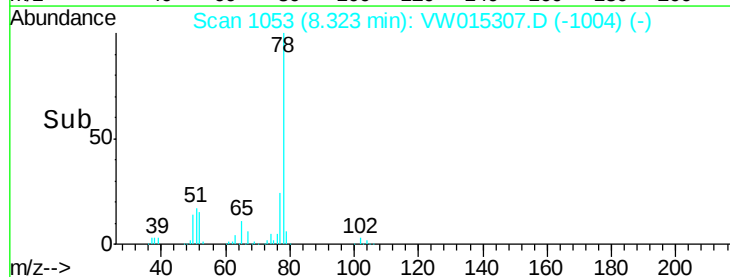
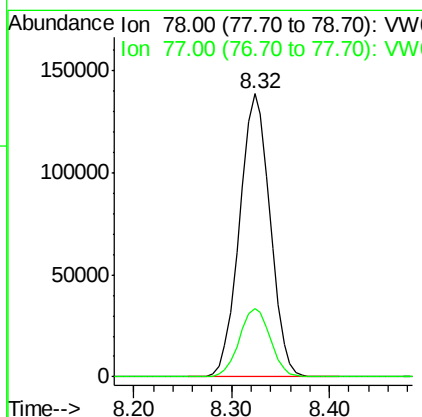
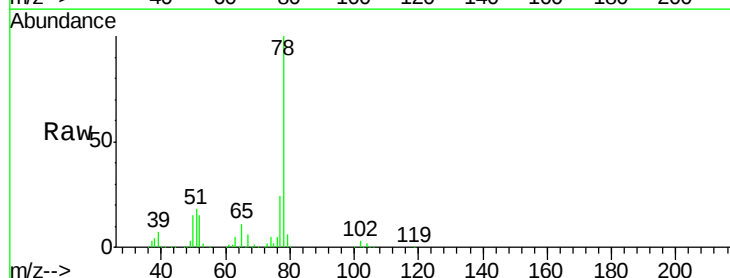
Manual Integrations
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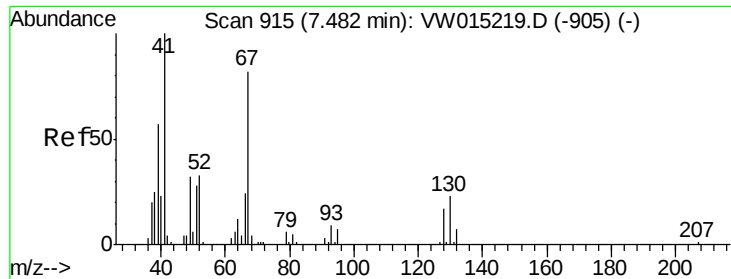
MMDadoda
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#40
Benzene
Concen: 53.452 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.2	27.2





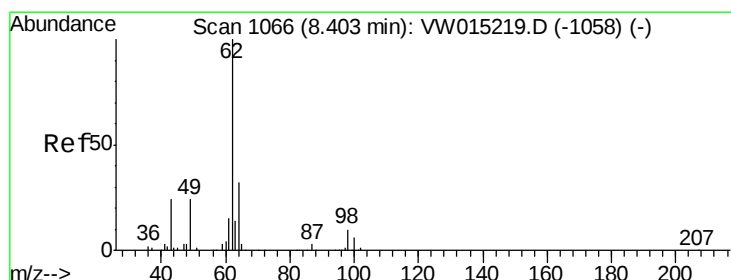
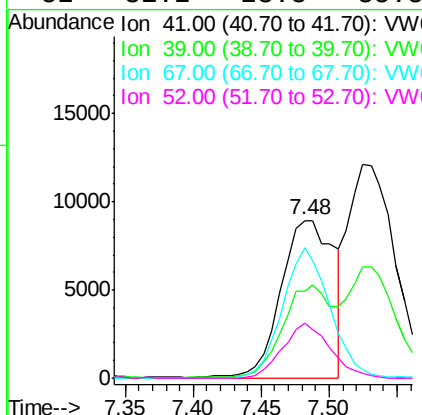
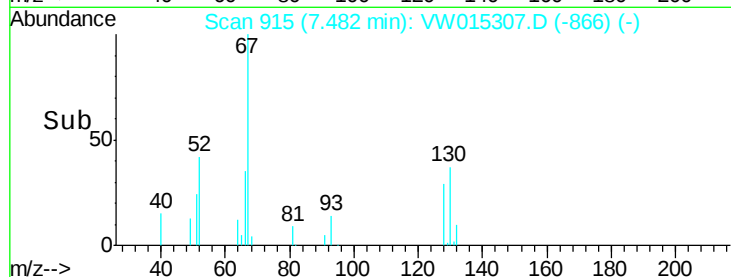
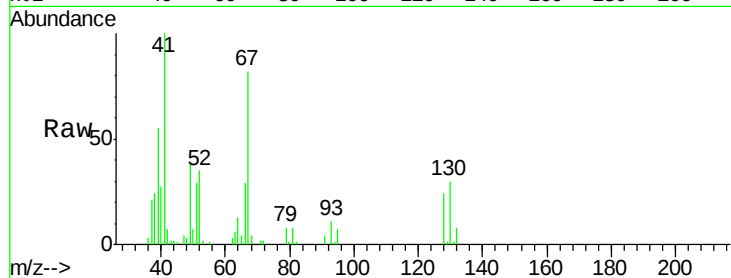
#41
Methacrylonitrile
Concen: 59.032 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		24301		
39	56.9	41.9	62.9		
67	74.1	60.6	91.0		
52	31.2	23.8	35.8		

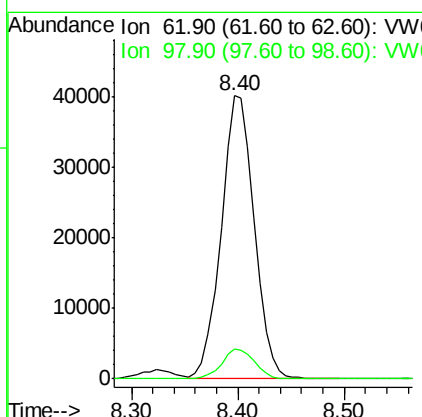
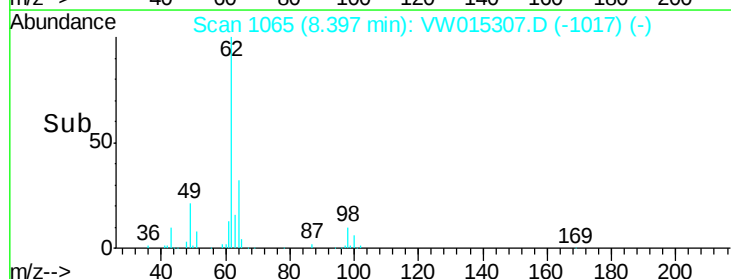
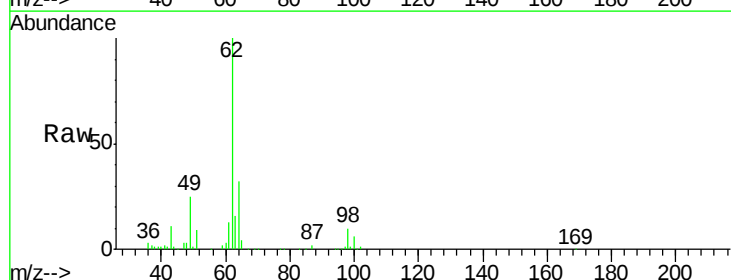
Manual Integrations
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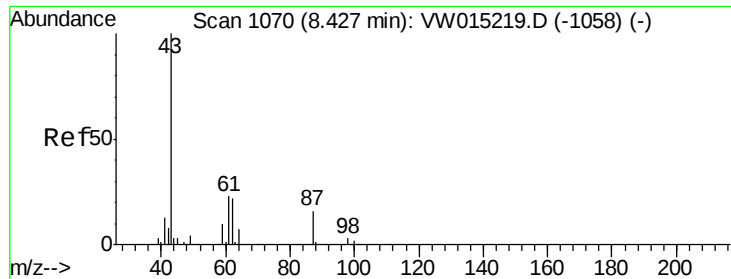
MMDadoda
4/23/2020 1:32:58 PM



#42
1,2-Dichloroethane
Concen: 52.287 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		86924		
98	10.3	0.0	20.4		





#43

Isopropyl Acetate

Concen: 50.012 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

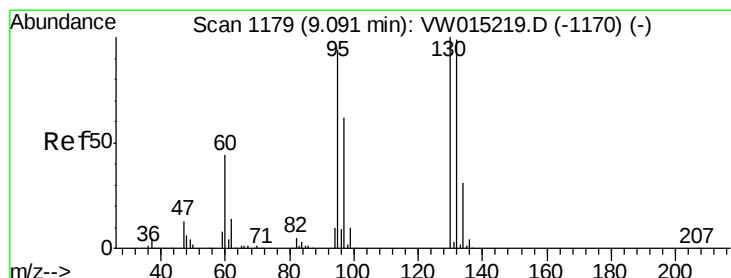
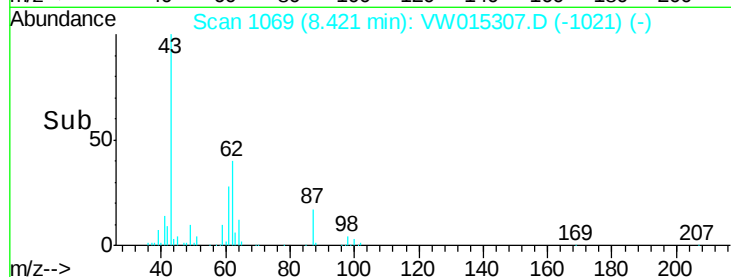
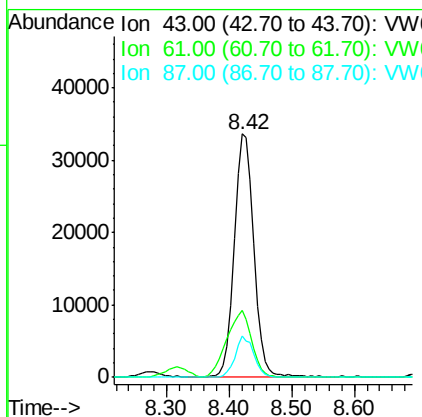
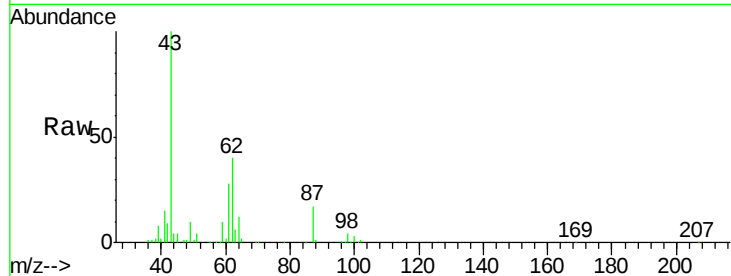
ClientSampleId :

WB-4-1MS

Tot Ion:	43	Resp:	71966
Ion	Ratio	Lower	Upper
43	100		
61	35.1	24.8	37.2
87	16.1	11.4	17.2

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#44

Trichloroethene

Concen: 42.500 ug/l

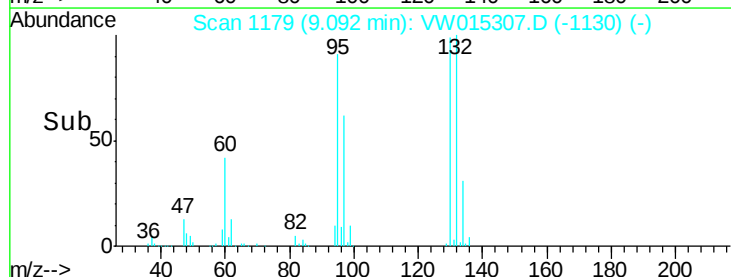
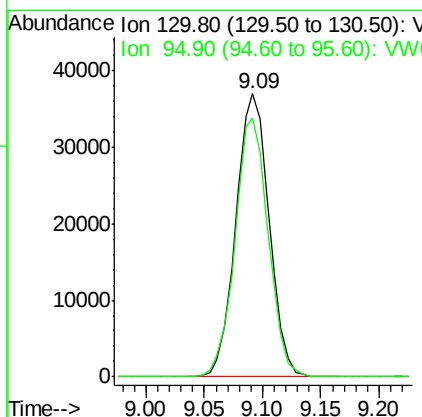
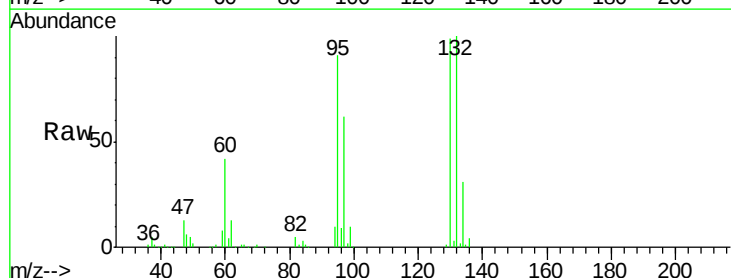
RT: 9.09 min Scan# 1179

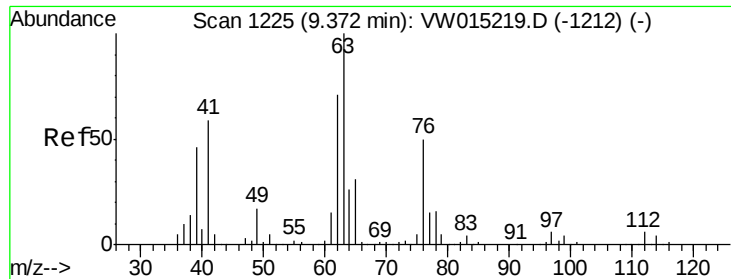
Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Tgt Ion:	130	Resp:	73412
Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	196.4





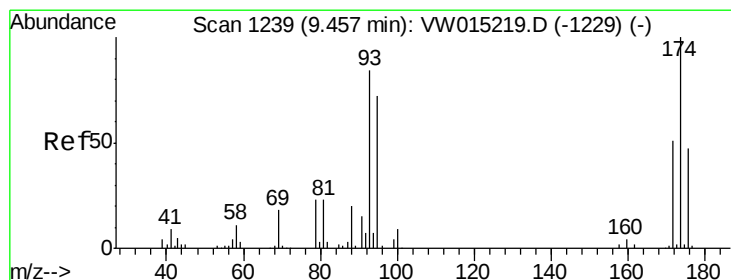
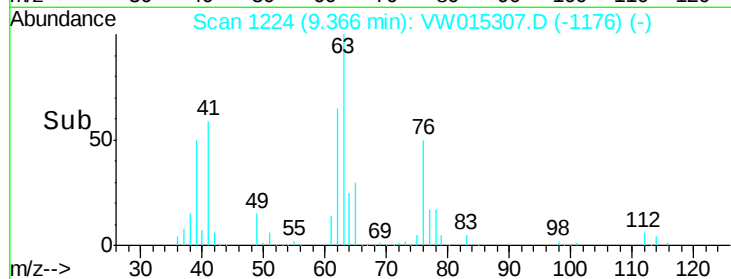
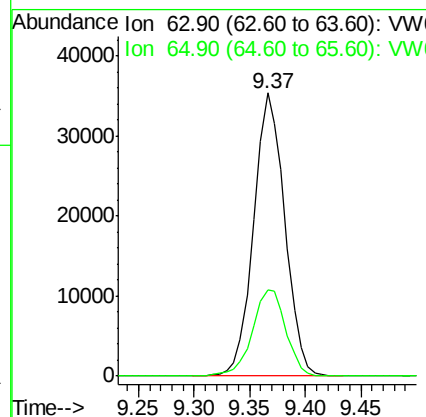
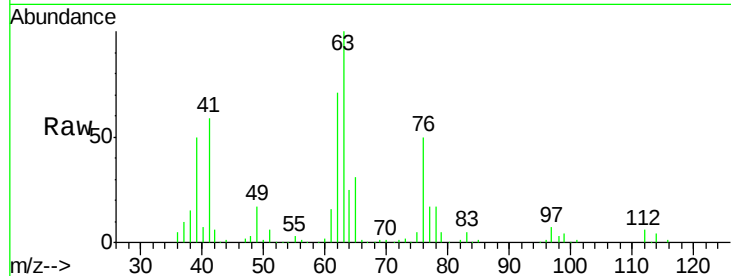
#45
 1,2-Dichloropropane
 Concen: 52.528 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Instrument :
 MSVOA_W
 ClientSampled :
 WB-4-1MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.5	38.3

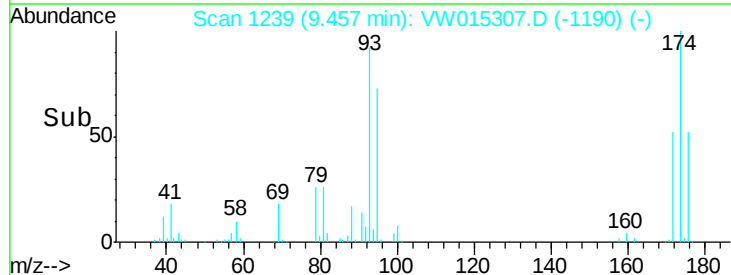
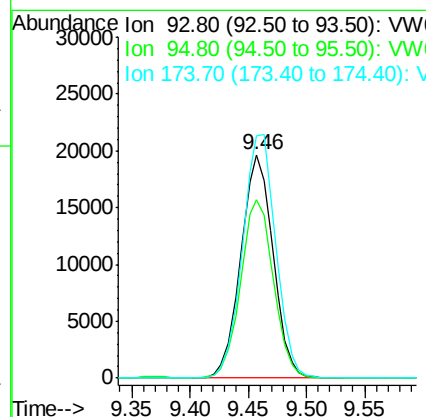
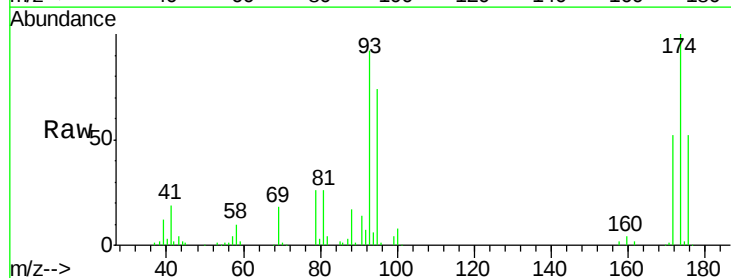
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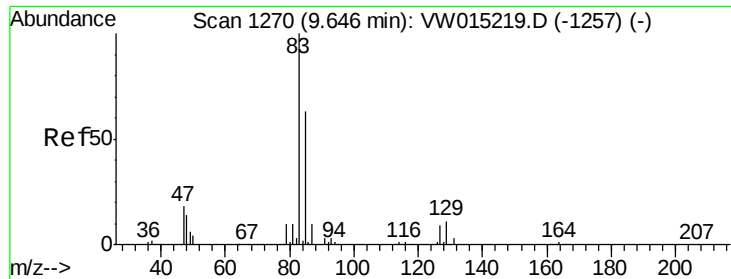
MMDadoda
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#46
 Dibromomethane
 Concen: 50.064 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.0	67.5	101.3
174	112.5	74.1	111.1#





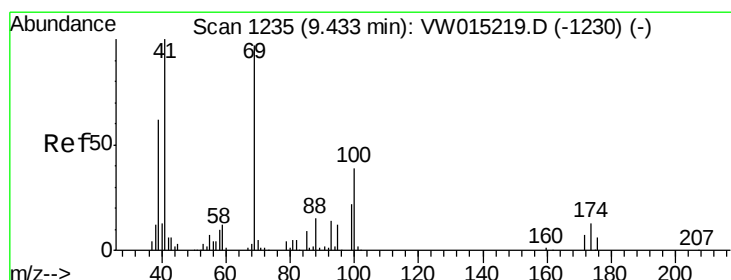
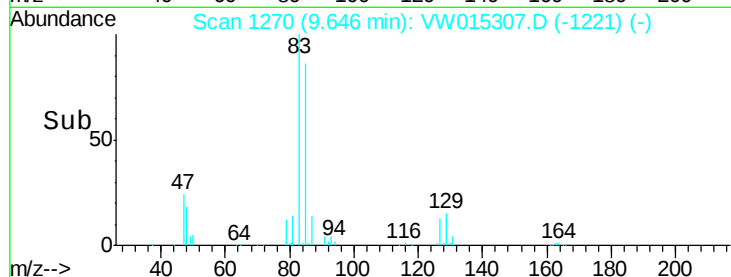
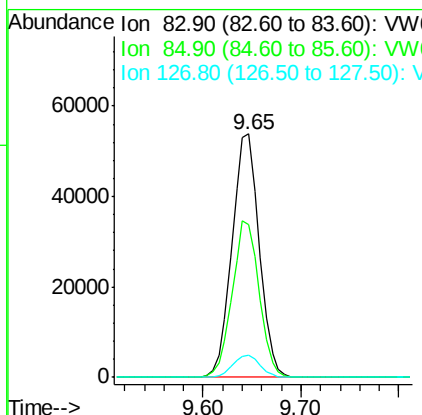
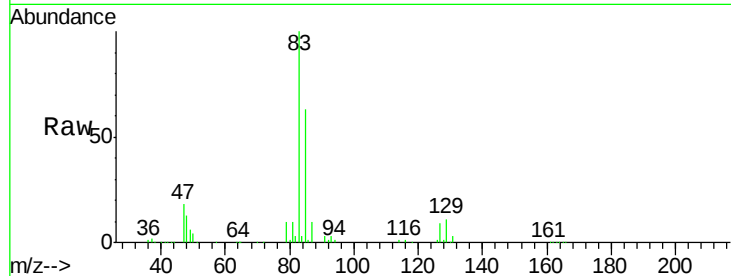
#47
Bromodichloromethane
Concen: 51.086 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	83	Resp	103743
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	50.6	76.0
127	9.4	6.7	10.1

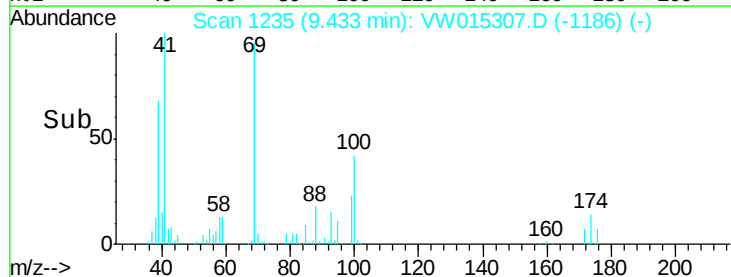
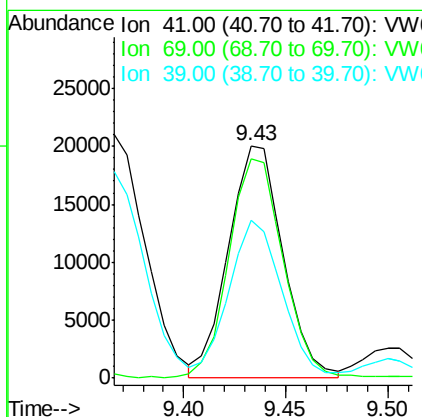
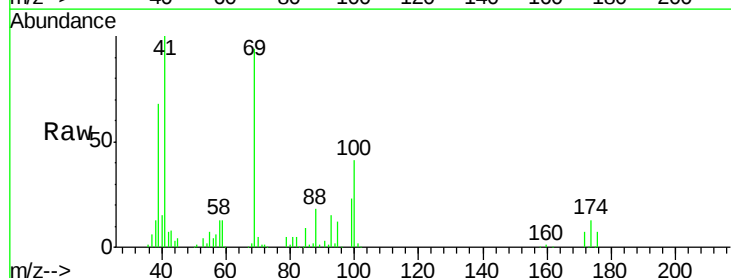
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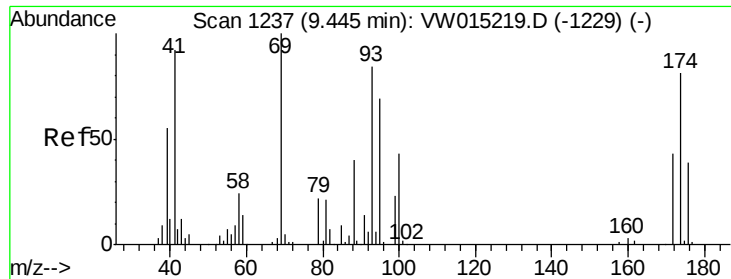
MMDadoda
4/23/2020 1:32:58 PM



#48
Methyl methacrylate
Concen: 54.256 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	41	Resp	36907
Ion Ratio	100	Lower	Upper
41	100		
69	94.3	70.6	105.8
39	67.5	42.6	64.0#





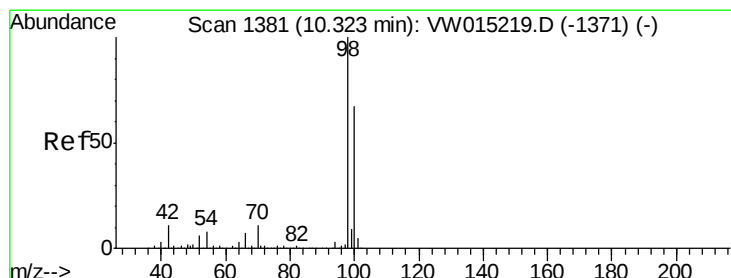
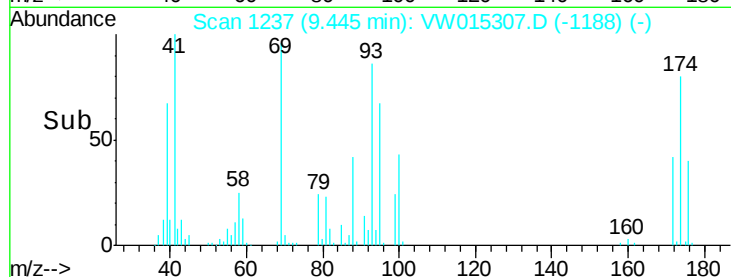
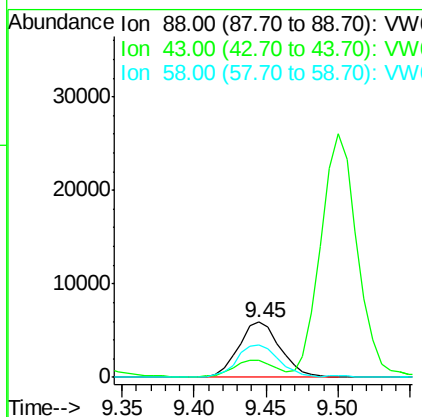
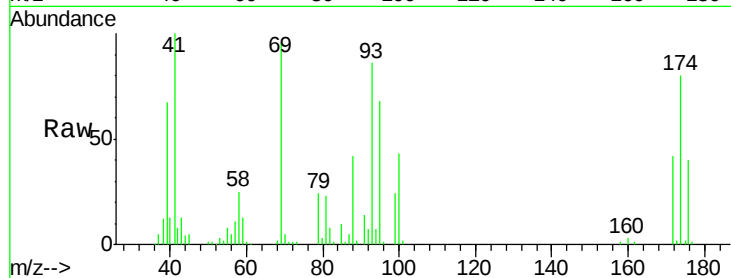
#49
 1,4-Dioxane
 Concen: 1172.007 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	23.5	35.3
58	59.4	55.4	83.2

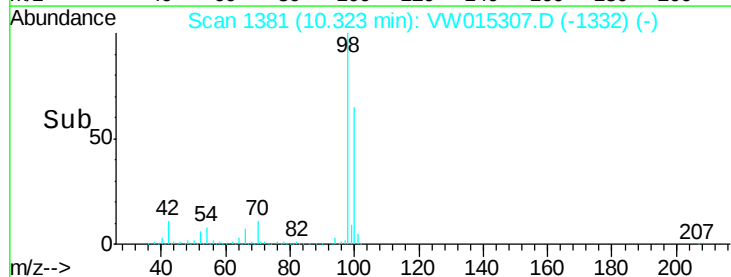
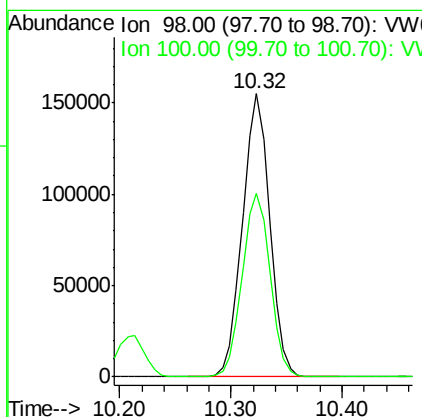
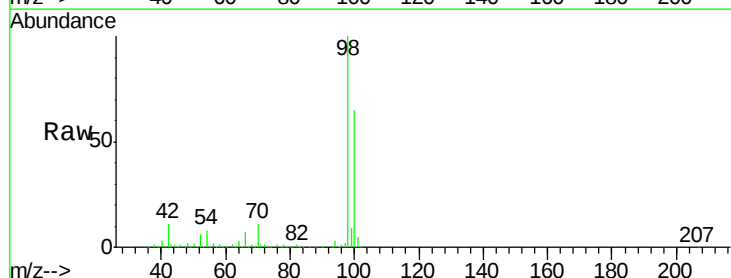
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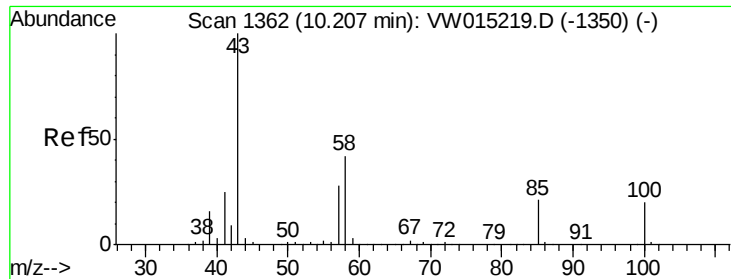
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#50
 Toluene-d8
 Concen: 48.384 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 277.572 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

ClientSampled :

WB-4-1MS

Tot Ion: 43 Resp: 187496

Ion Ratio Lower Upper

43 100

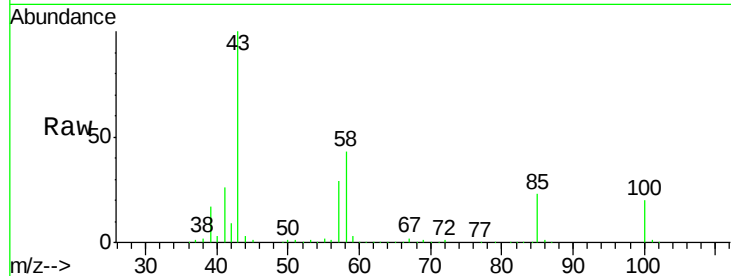
58 42.8 32.3 48.5

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

120000

100000

80000

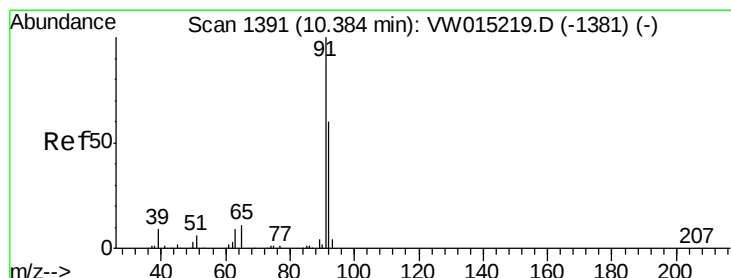
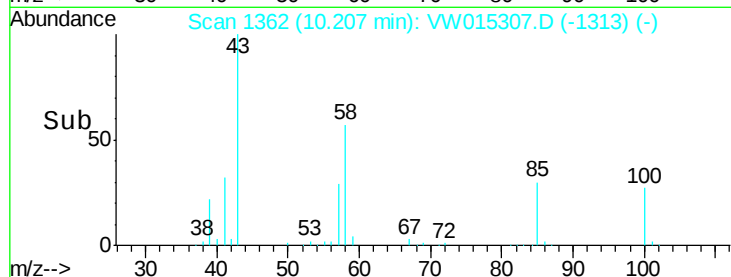
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 46.366 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015307.D

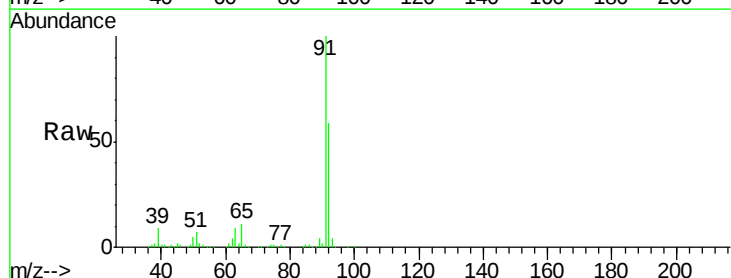
Acq: 22 Apr 2020 14:50

Tgt Ion: 92 Resp: 183245

Ion Ratio Lower Upper

92 100

91 171.3 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

200000

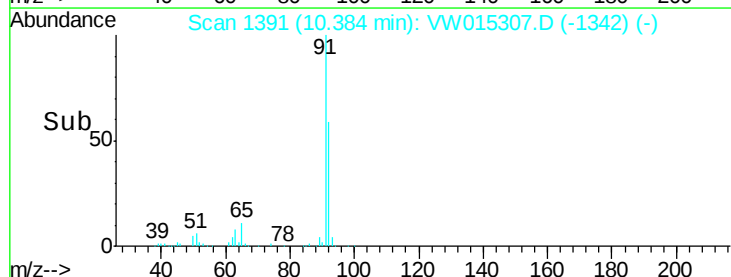
150000

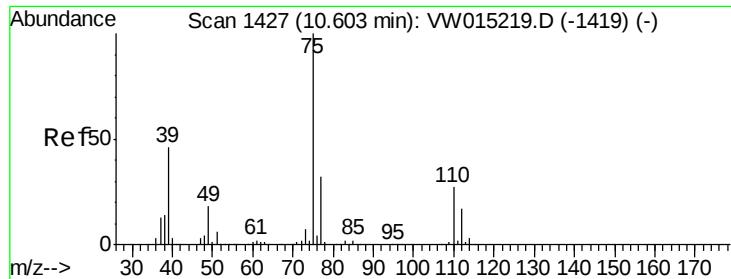
100000

50000

0

Time-->





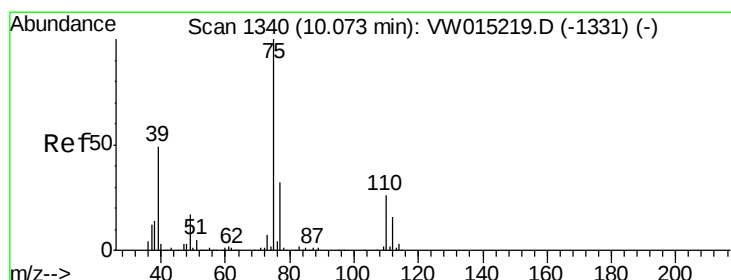
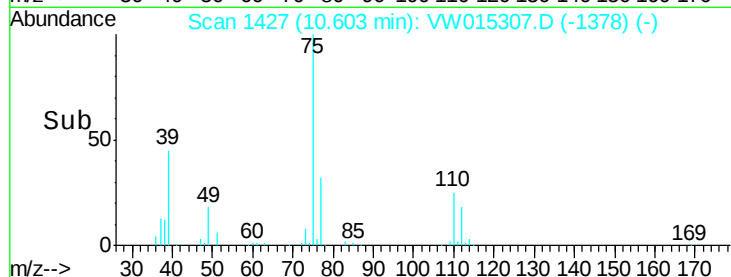
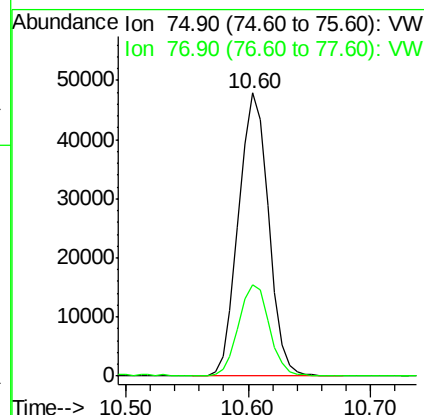
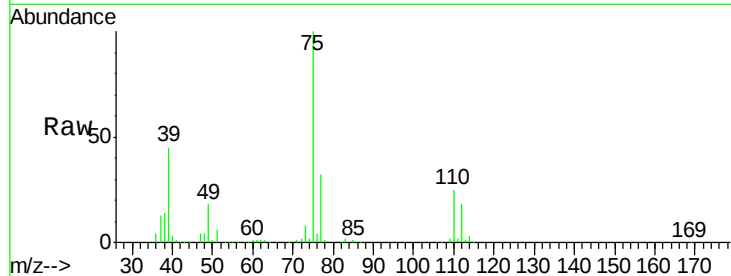
#53
t-1,3-Dichloropropene
Concen: 40.759 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampled :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.5	38.3

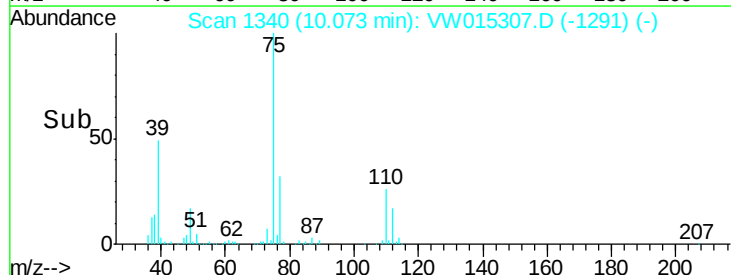
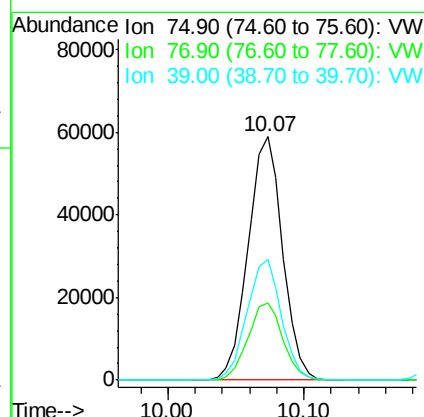
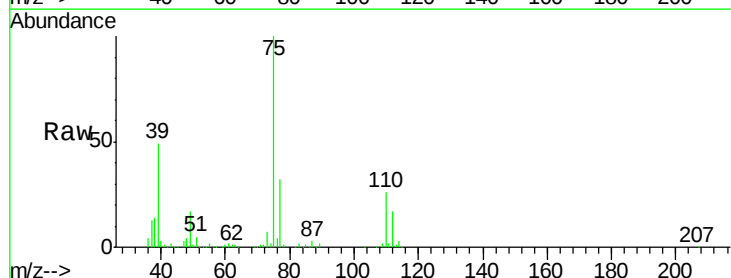
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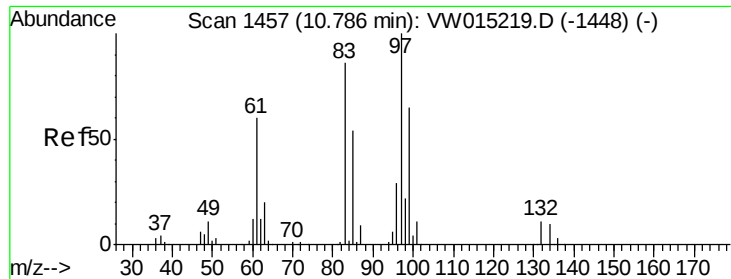
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 44.911 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.6	39.8
39	49.4	37.8	56.6





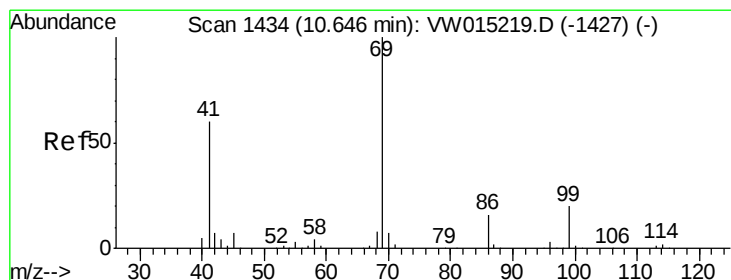
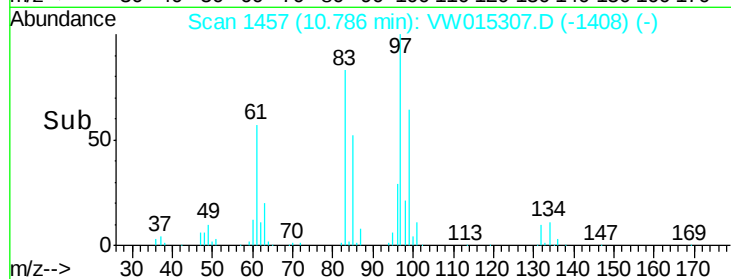
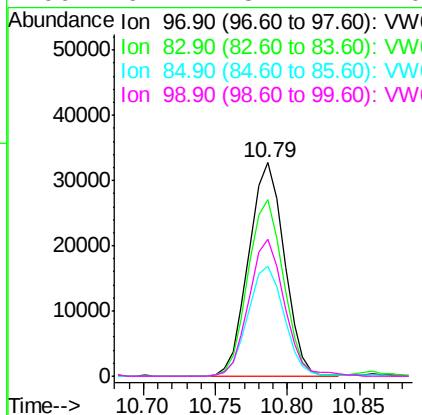
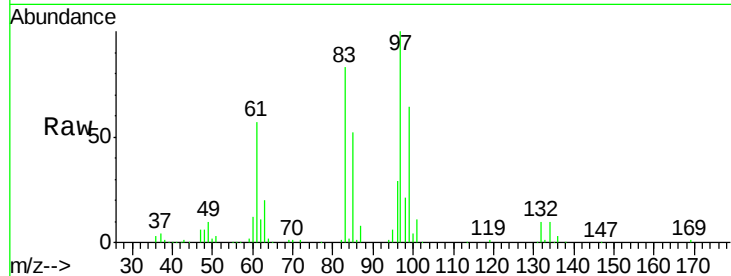
#55
 1,1,2-Trichloroethane
 Concen: 52.853 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MS

Tot Ion:	97	Resp:	56220
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.3	100.9
85	51.8	43.8	65.8
99	64.2	51.4	77.0

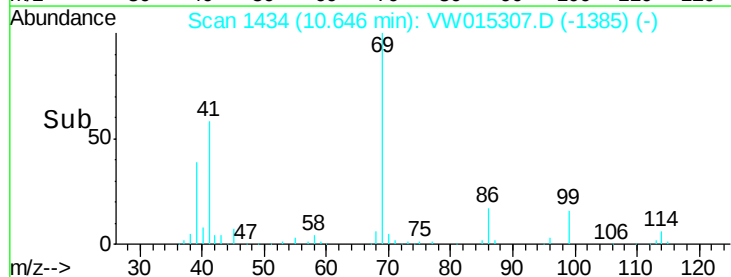
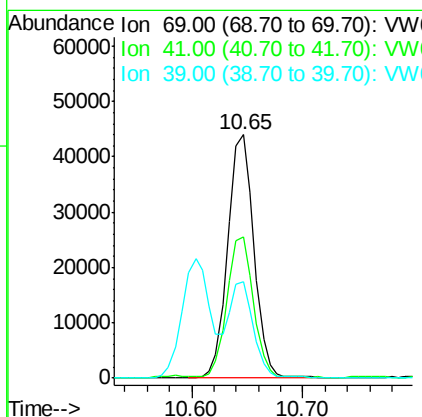
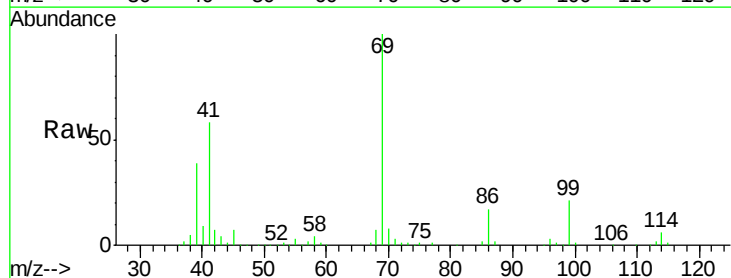
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#56
 Ethyl methacrylate
 Concen: 51.960 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Tgt Ion:	69	Resp:	71202
Ion	Ratio	Lower	Upper
69	100		
41	58.7	51.3	76.9
39	35.3	24.6	37.0





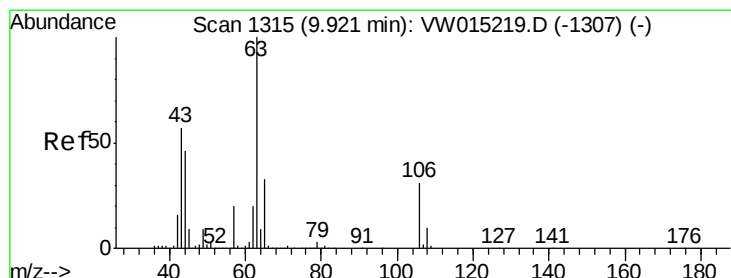
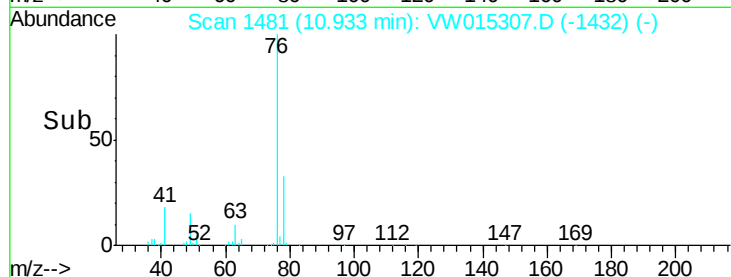
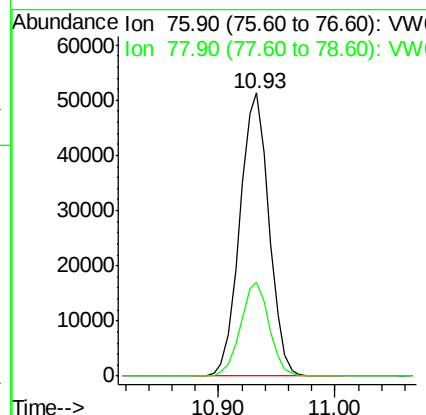
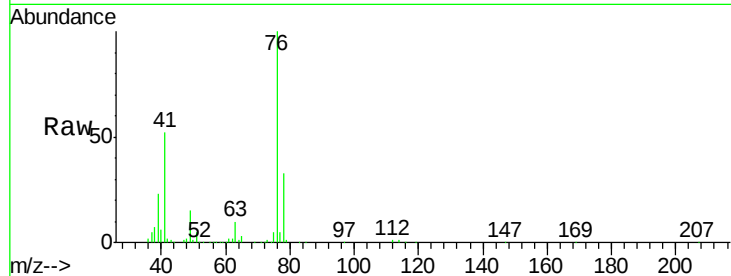
#57
 1,3-Dichloropropane
 Concen: 50.833 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MS

Tot Ion: 76 Resp: 89570
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4

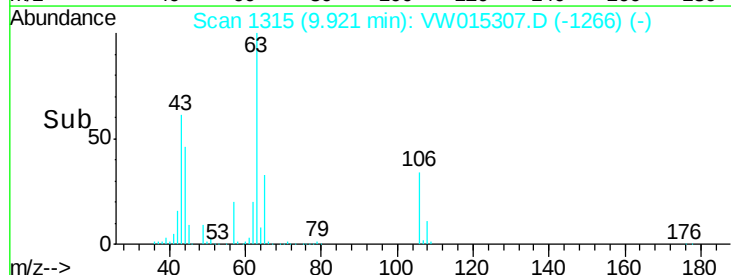
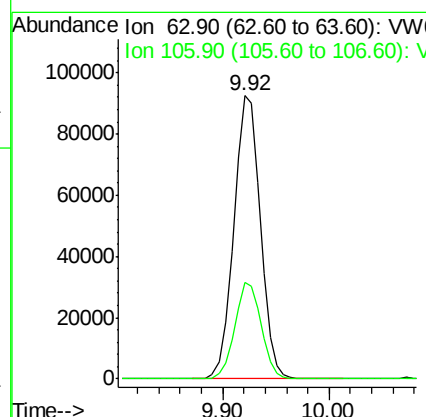
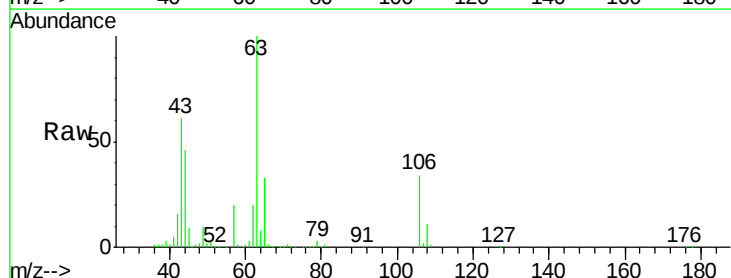
Manual Integrations
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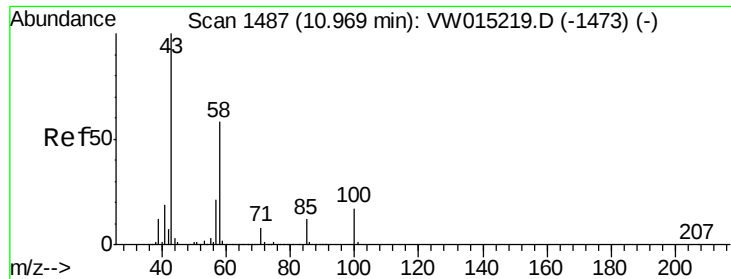
MMDadoda
 4/23/2020 1:32:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.561 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Tgt Ion: 63 Resp: 161725
 Ion Ratio Lower Upper
 63 100
 106 33.8 22.6 33.8





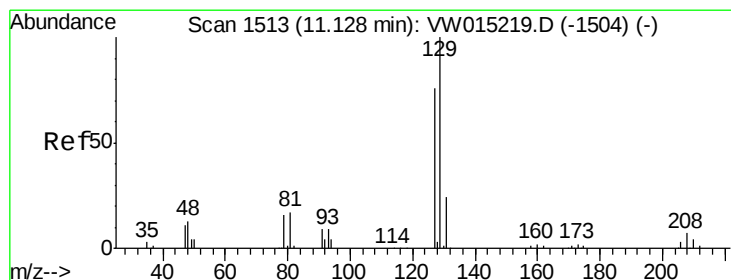
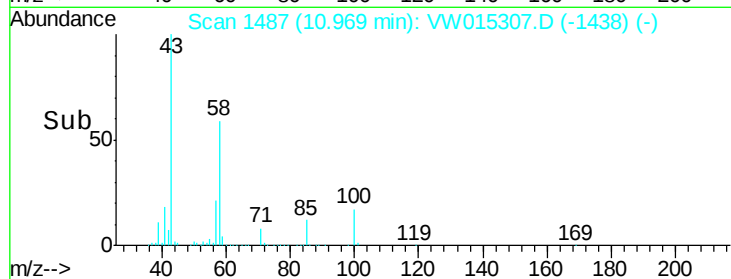
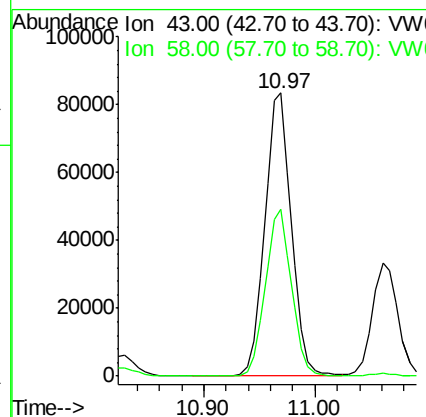
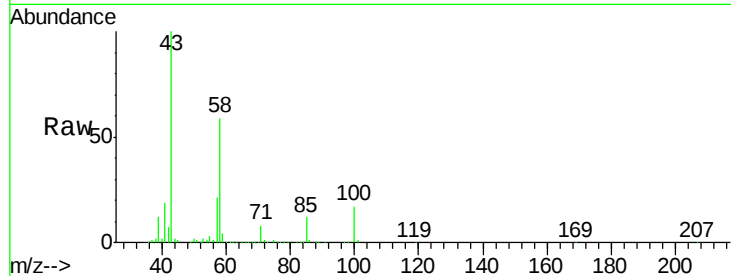
#59
2-Hexanone
Concen: 286.167 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion: 43 Resp: 137986
Ion Ratio Lower Upper
43 100
58 58.4 28.1 84.3

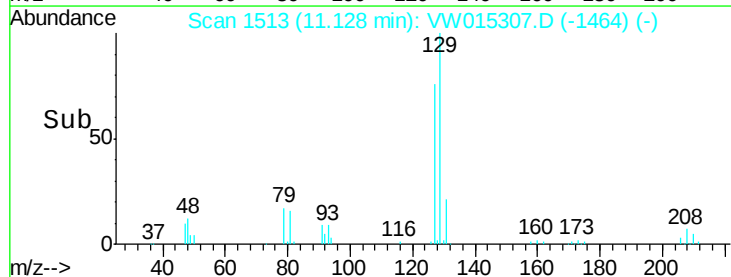
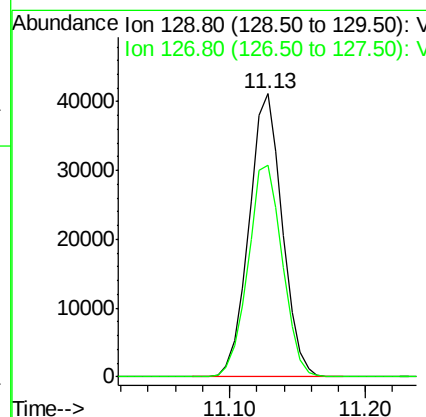
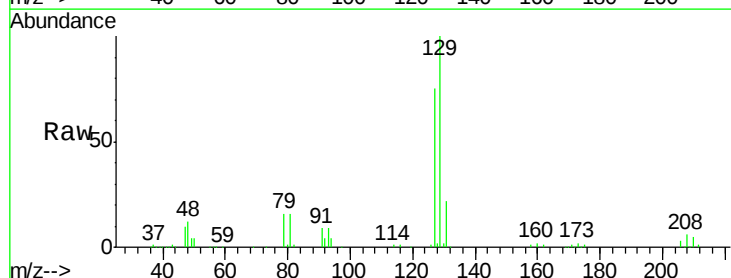
Manual Integrations
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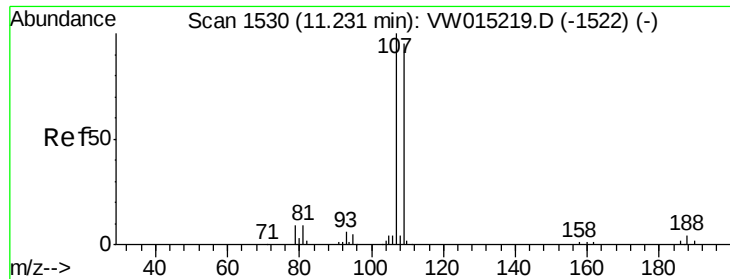
MMDadoda
4/23/2020 1:32:58 PM



#60
Dibromochloromethane
Concen: 50.183 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion: 129 Resp: 70480
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





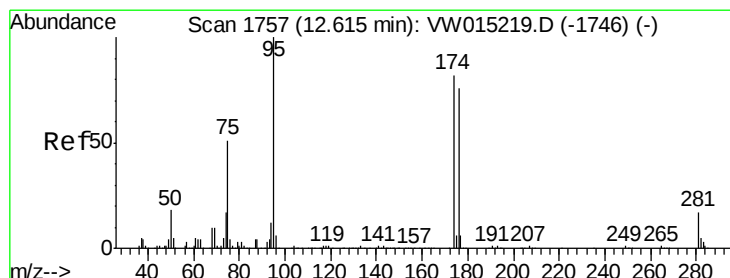
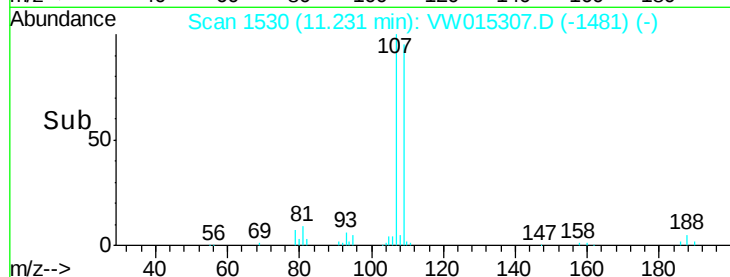
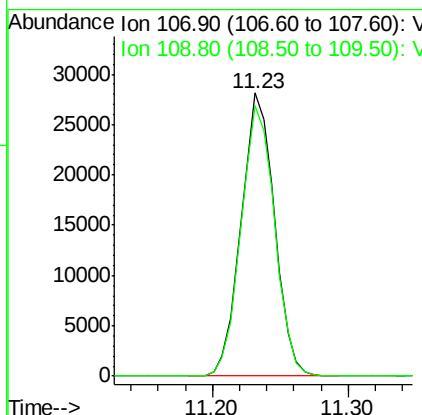
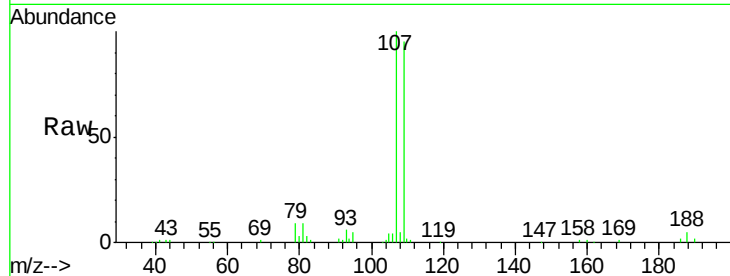
#61
 1,2-Dibromoethane
 Concen: 46.463 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	74.3	111.5

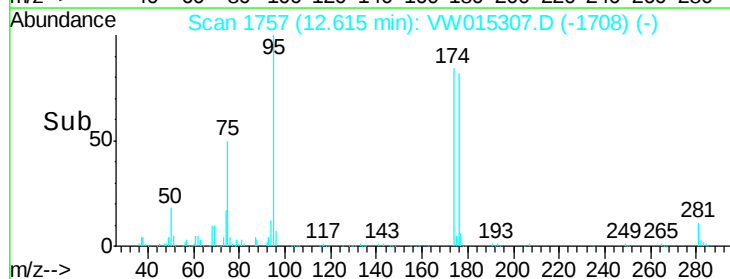
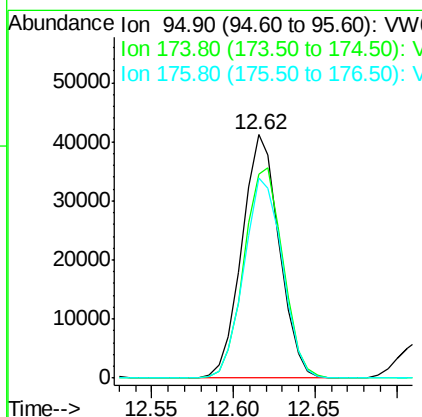
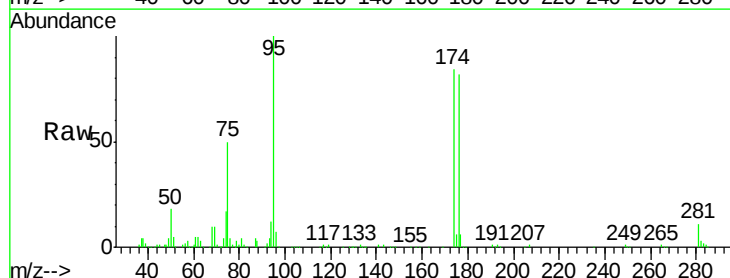
Manual Integrations
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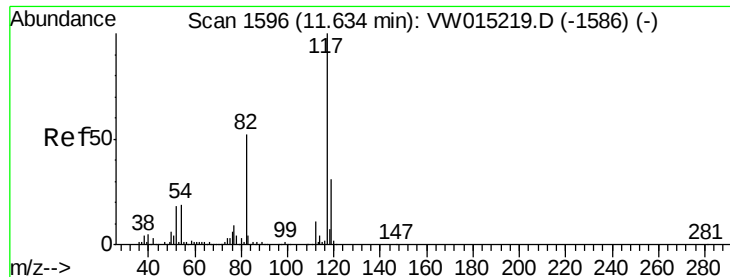
MMDadoda
 4/23/2020 1:32:58 PM



#62
 4-Bromofluorobenzene
 Concen: 31.554 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	144.4
176	85.1	0.0	140.6





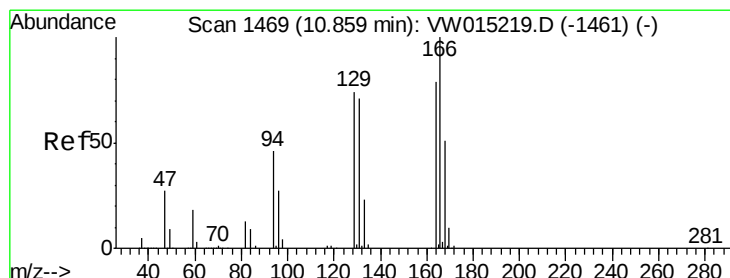
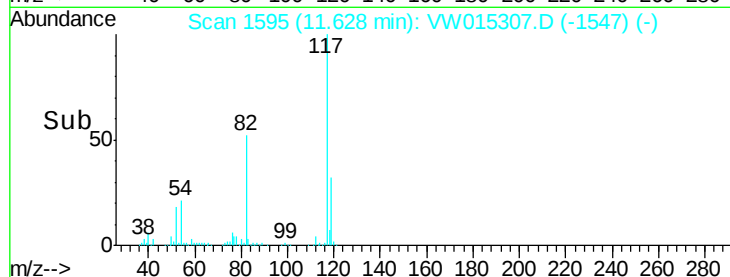
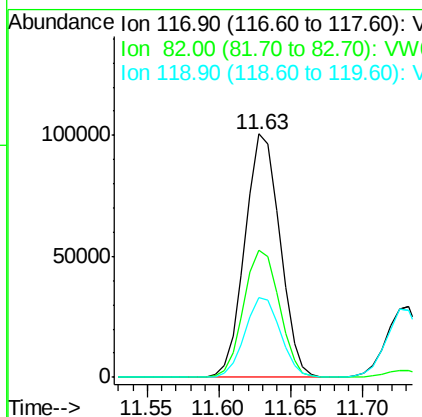
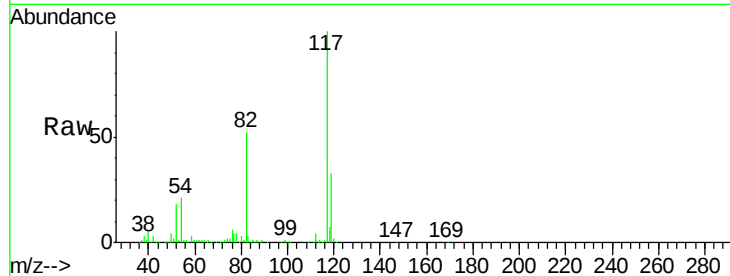
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampled :
WB-4-1MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	170245		
82	52.5		44.1	66.1
119	32.4		24.9	37.3

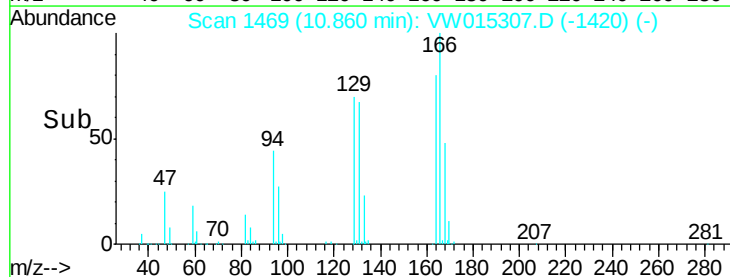
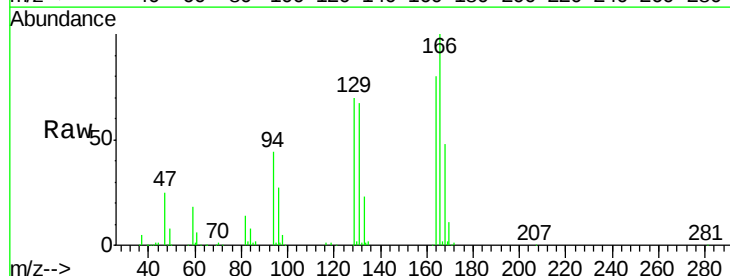
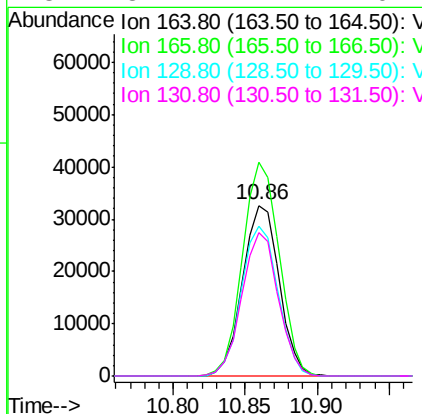
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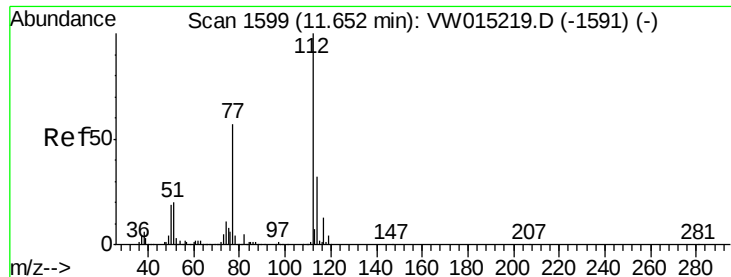
MMDadoda
4/23/2020 1:32:58 PM



#64
Tetrachloroethene
Concen: 47.123 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	57257		
166	125.4		102.6	154.0
129	88.3		80.2	120.2
131	84.4		77.4	116.2





#65

Chlorobenzene

Concen: 49.619 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

ClientSampleId :

WB-4-1MS

Tot Ion:112 Resp: 165761

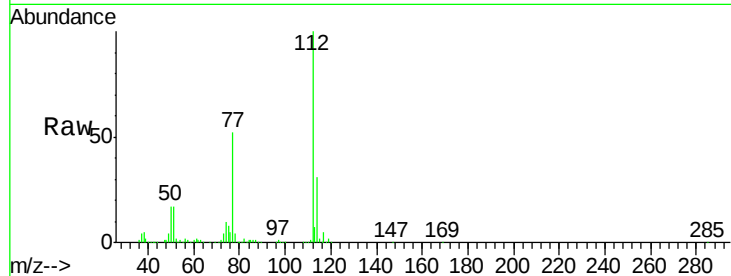
Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6

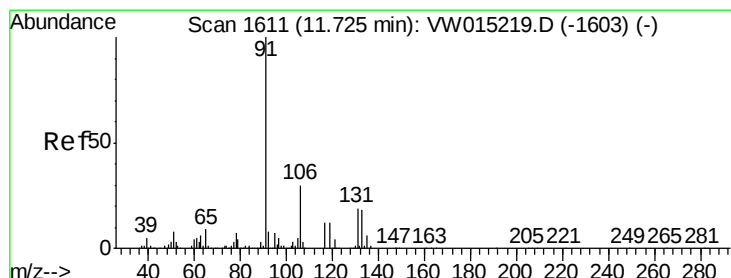
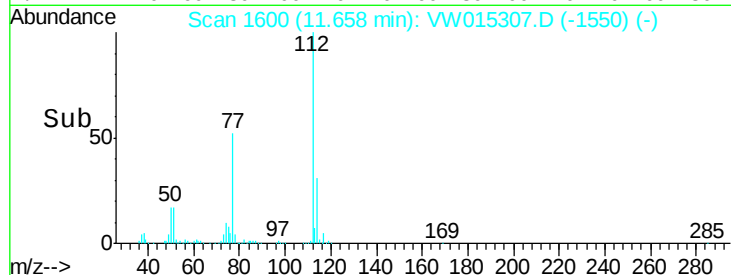
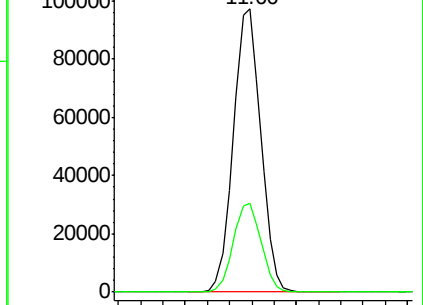
Manual Integrations
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4/23/2020 1:32:58 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 62.153 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

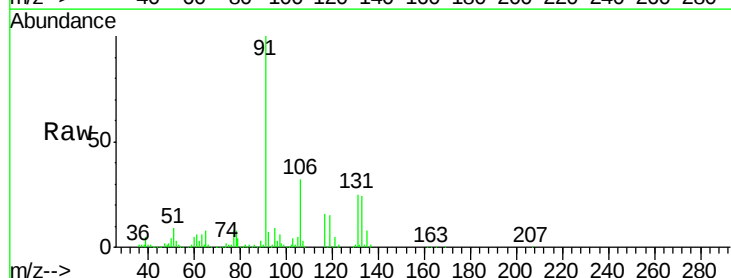
Tgt Ion:131 Resp: 74627

Ion Ratio Lower Upper

131 100

133 98.6 47.7 143.1

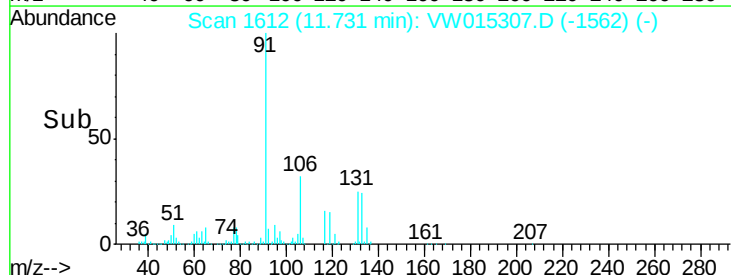
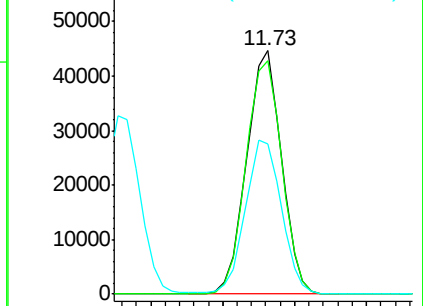
119 65.1 34.0 101.8

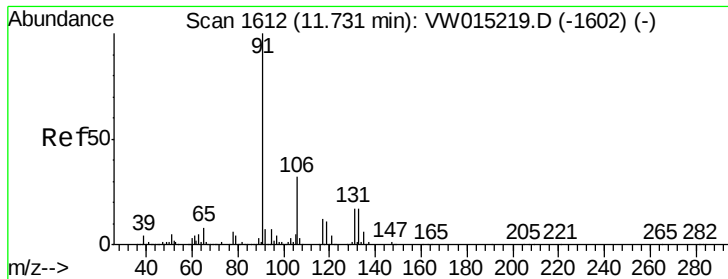


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





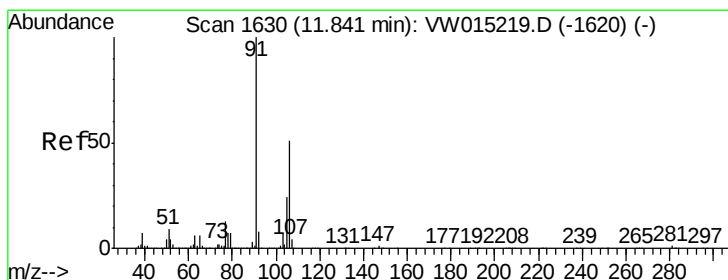
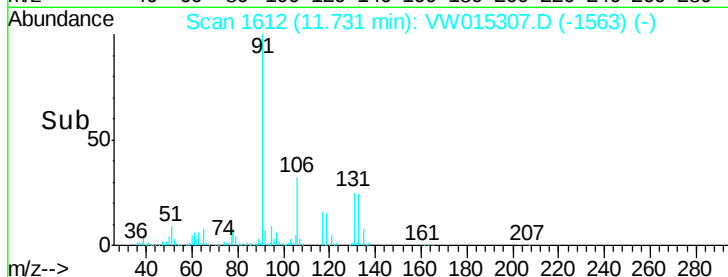
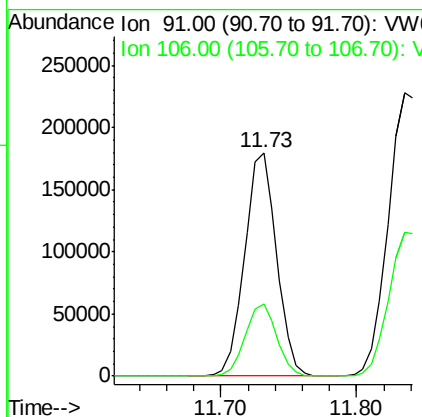
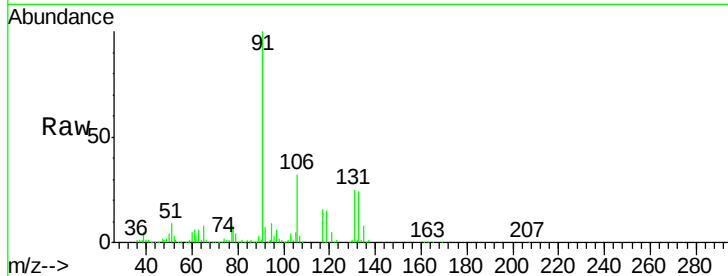
#67
Ethyl Benzene
Concen: 47.285 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampled :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.7	38.5

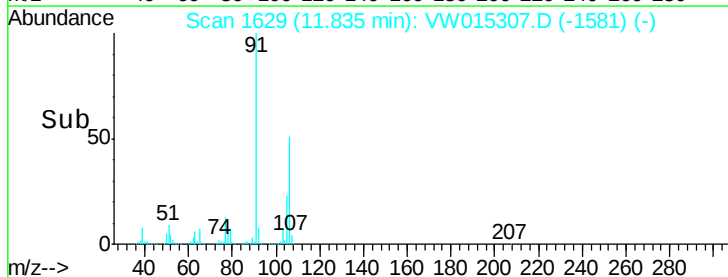
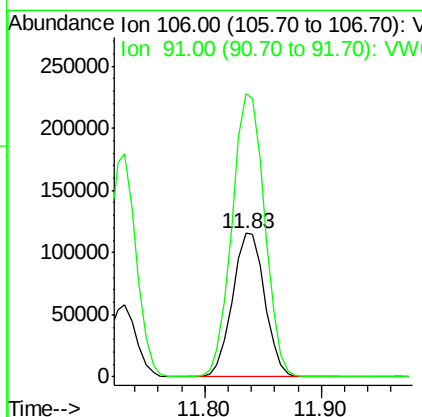
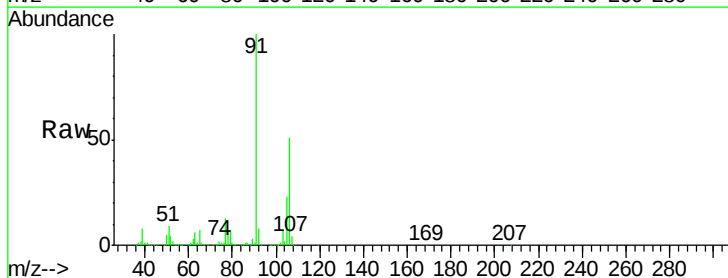
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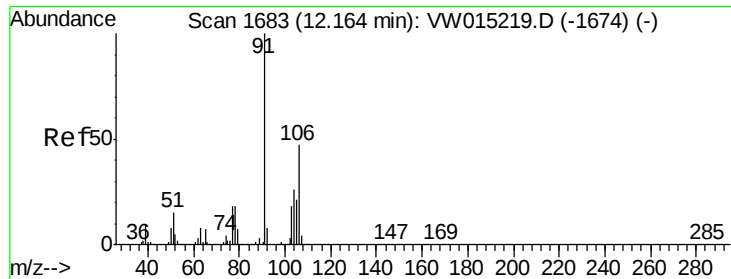
MMDadoda
4/23/2020 1:32:58 PM



#68
m/p-Xylenes
Concen: 91.386 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.8	160.0	240.0





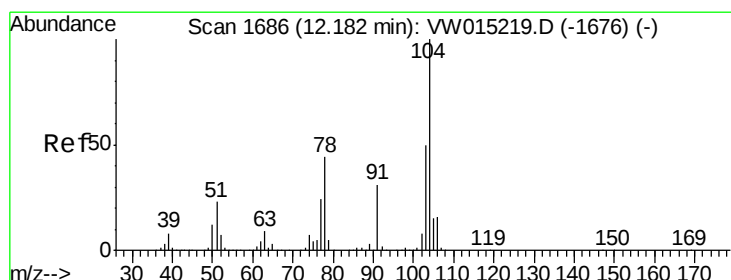
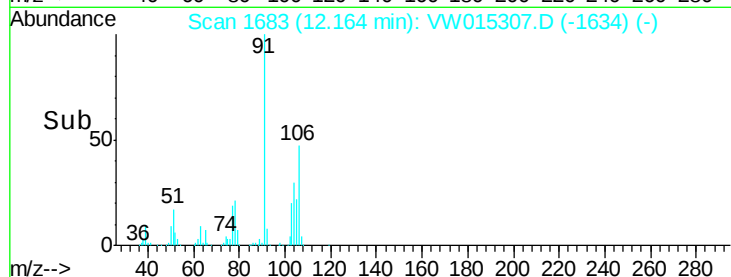
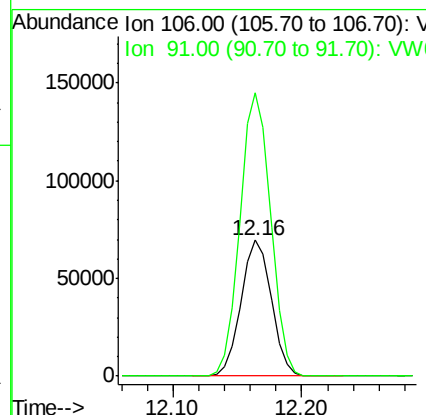
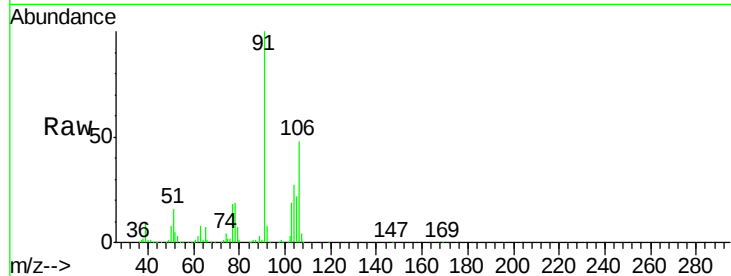
#69
o-Xylene
Concen: 49.704 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.8	105.7	317.1

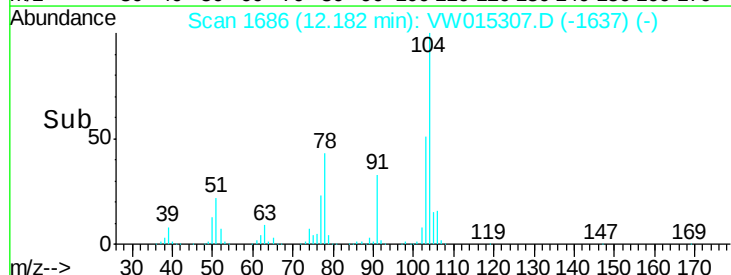
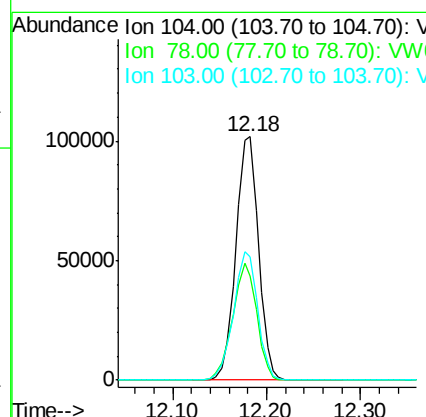
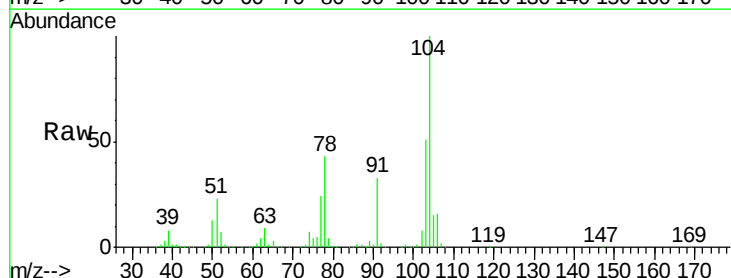
Manual Integrations
APPROVED

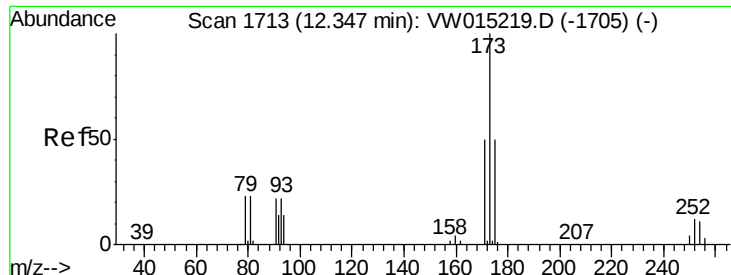
MMDadoda
4/23/2020 1:32:58 PM



#70
Styrene
Concen: 43.727 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.2	39.8	59.6
103	56.2	43.8	65.6





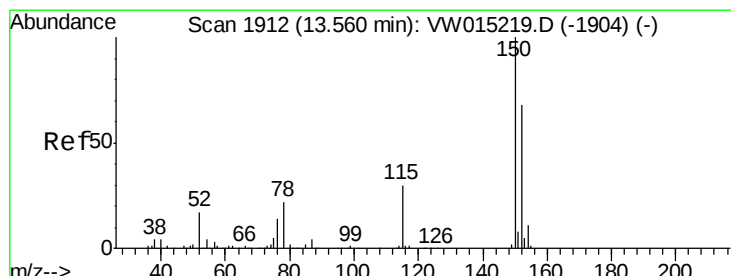
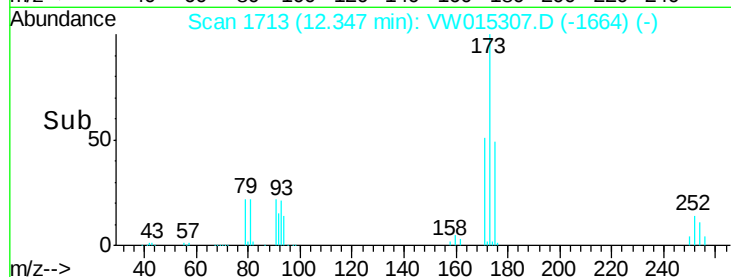
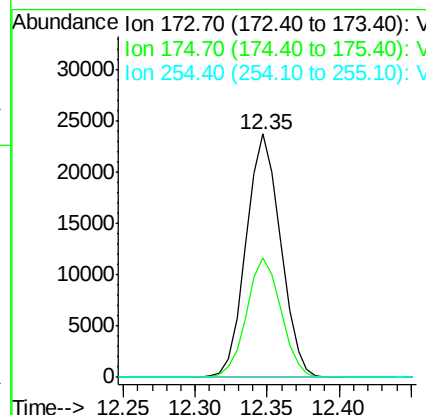
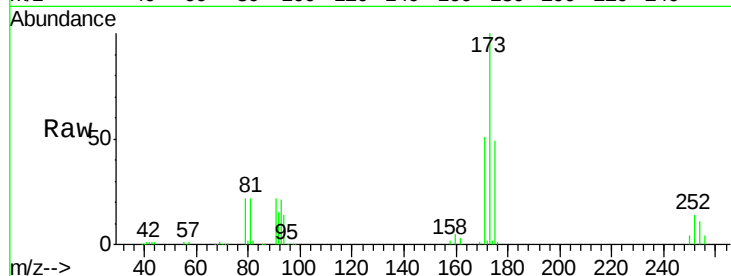
#71
Bromoform
Concen: 58.235 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	25.1	75.4
254	0.0	0.1	0.1#

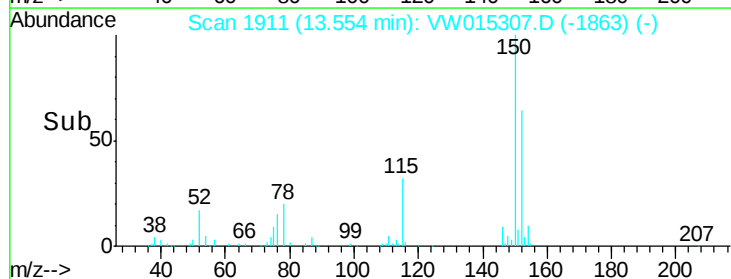
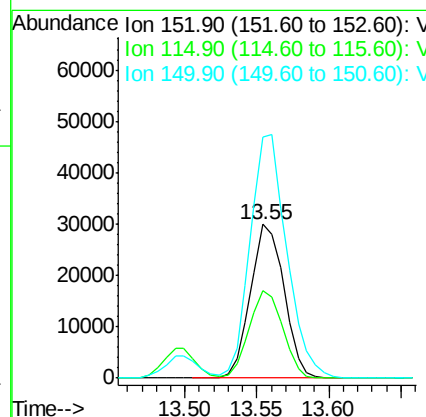
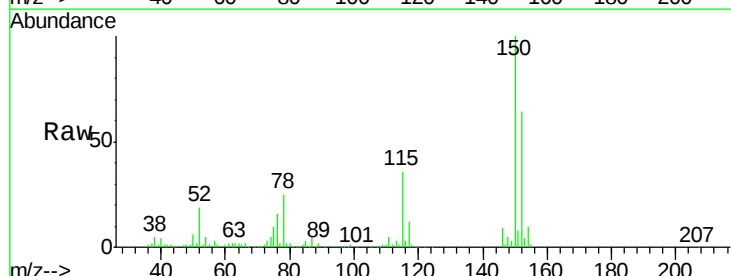
Manual Integrations
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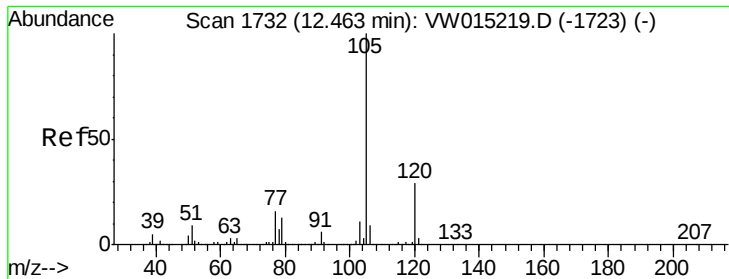
MMDadoda
4/23/2020 1:32:58 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	31.3	93.9
150	172.9	0.0	343.4





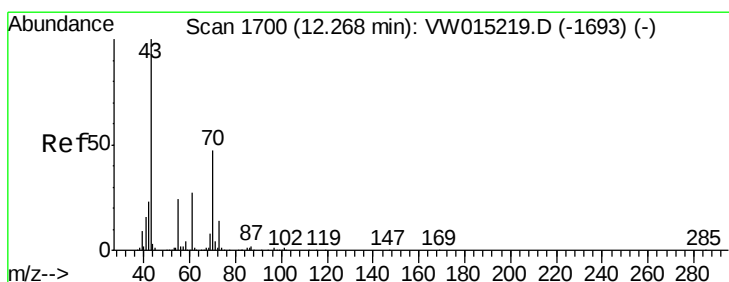
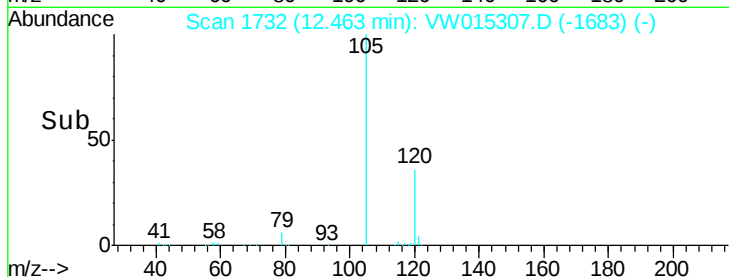
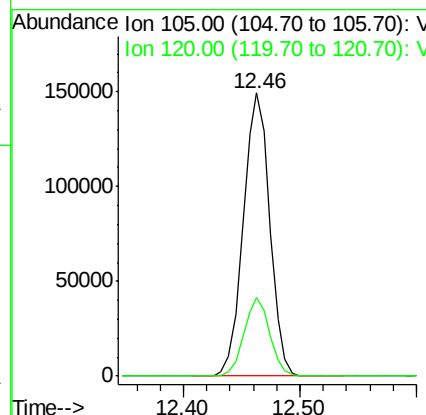
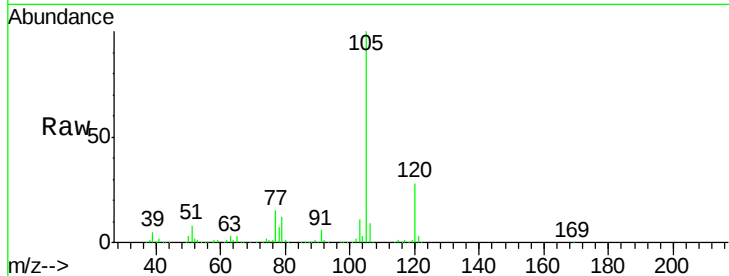
#73
Isopropylbenzene
Concen: 70.645 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.7	41.1

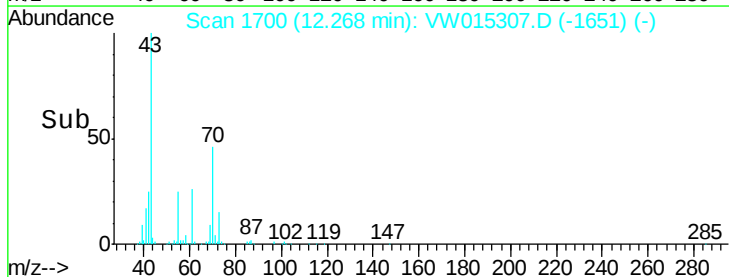
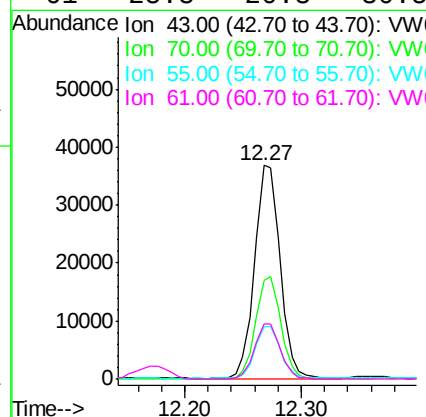
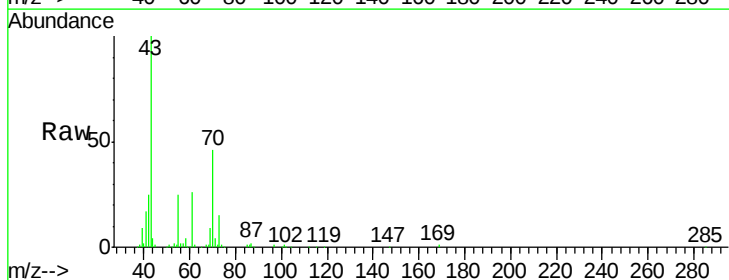
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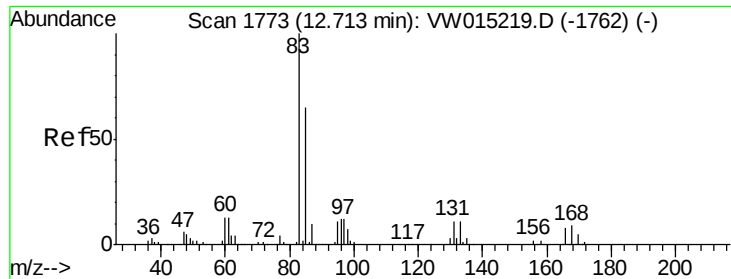
MMDadoda
4/23/2020 1:32:58 PM



#74
N-ethyl acetate
Concen: 97.773 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.5	35.4	53.2
55	24.6	18.5	27.7
61	25.8	20.3	30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 118.022 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

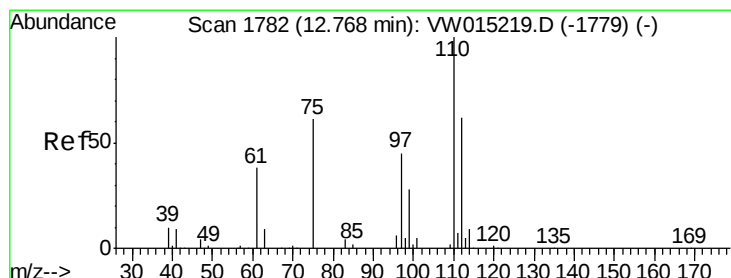
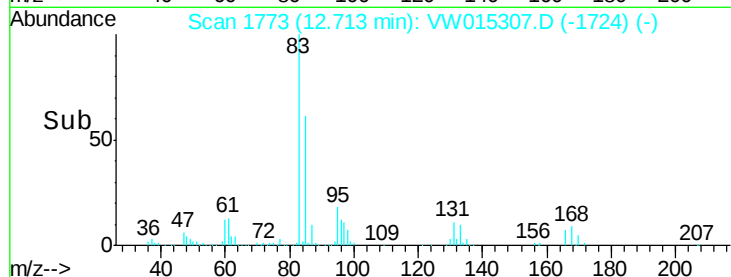
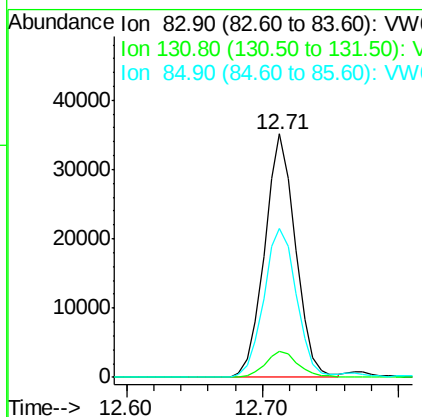
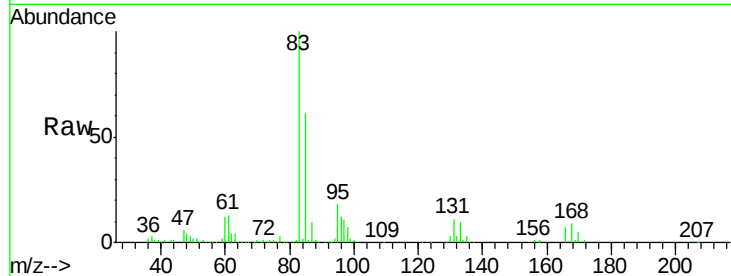
ClientSampleId :

WB-4-1MS

Tot Ion:	83	Resp:	55920
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.1	15.2
85	64.7	32.3	96.8

Manual Integrations
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4/23/2020 1:32:58 PM



#76

1,2,3-Trichloropropane

Concen: 117.705 ug/l m

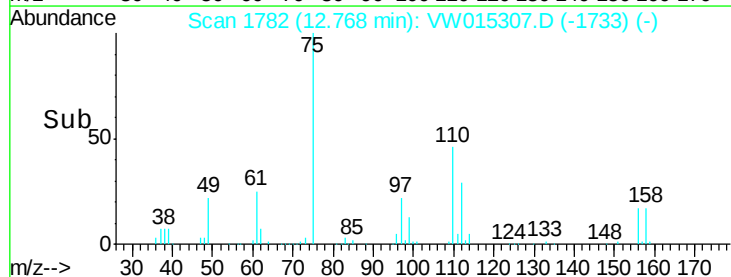
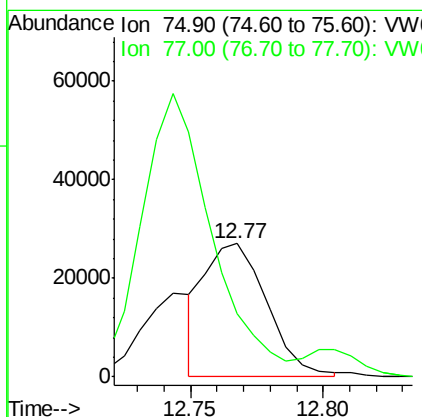
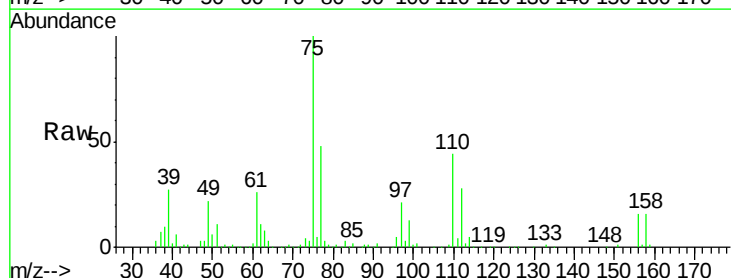
RT: 12.77 min Scan# 1782

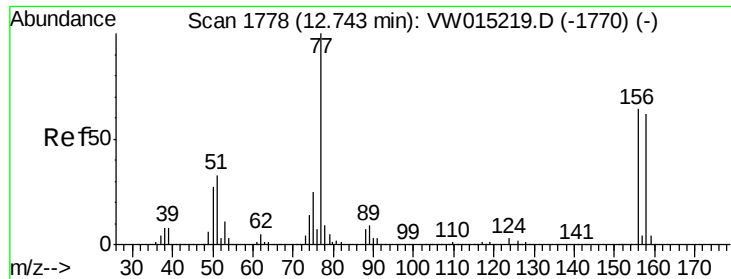
Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Tgt Ion:	75	Resp:	43827
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 79.251 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

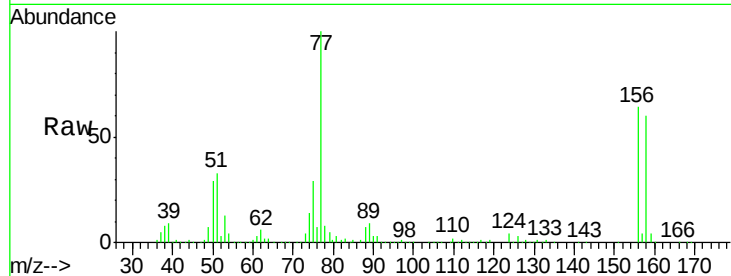
ClientSampled :

WB-4-1MS

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	174.7	100.5	301.5	
158	97.1	47.9	143.8	

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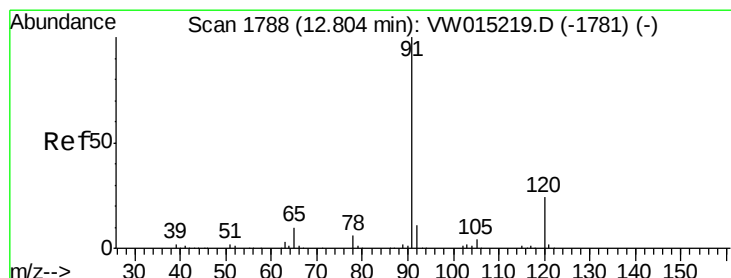
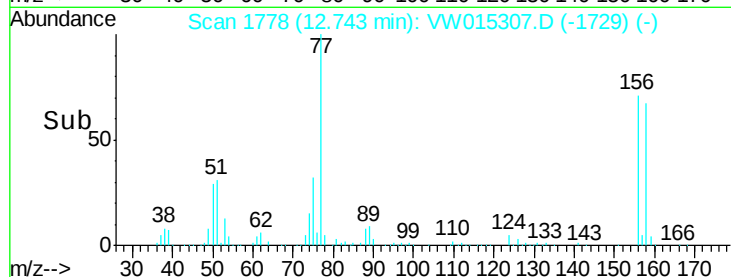
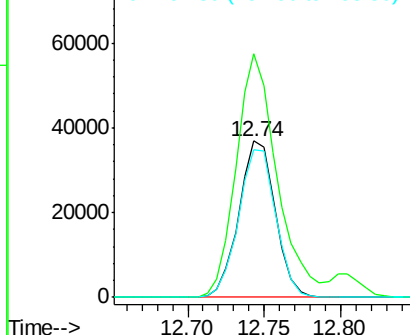


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.504 ug/l

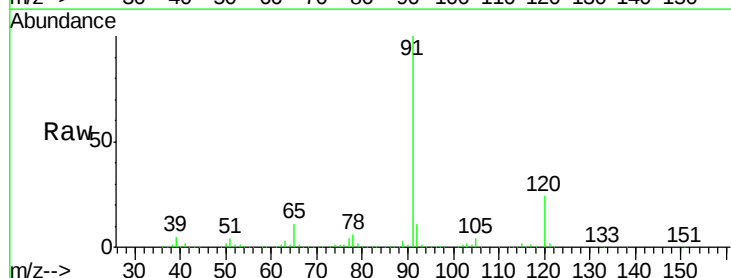
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

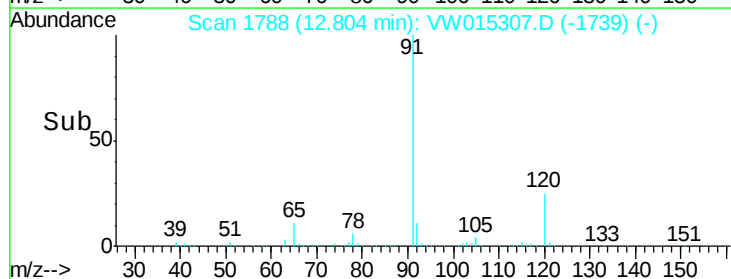
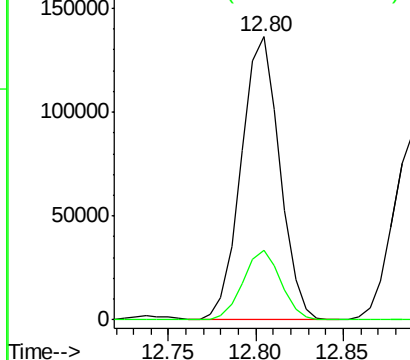
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.3	11.4	34.1	

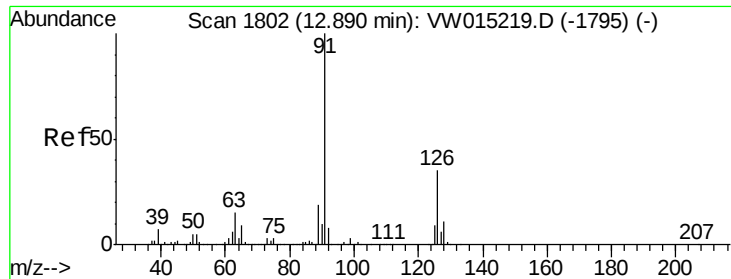


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 65.941 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

ClientSampled :

WB-4-1MS

Tot Ion: 91 Resp: 144390

Ion Ratio Lower Upper

91 100

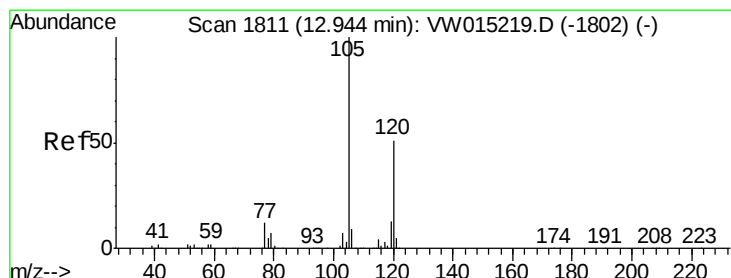
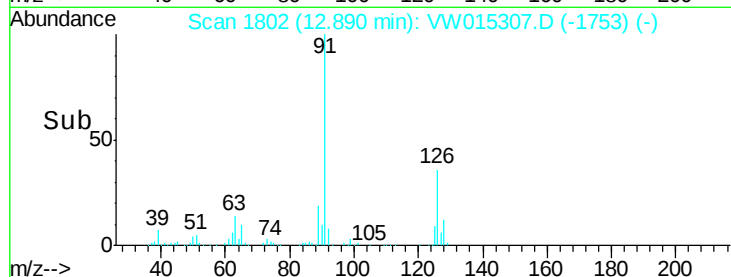
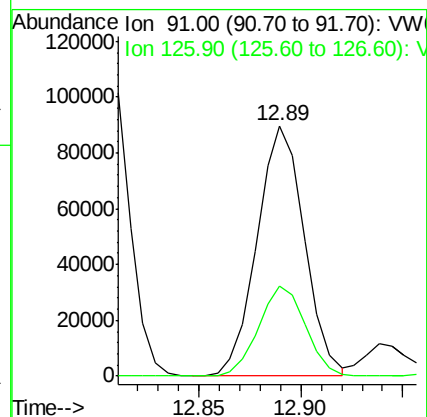
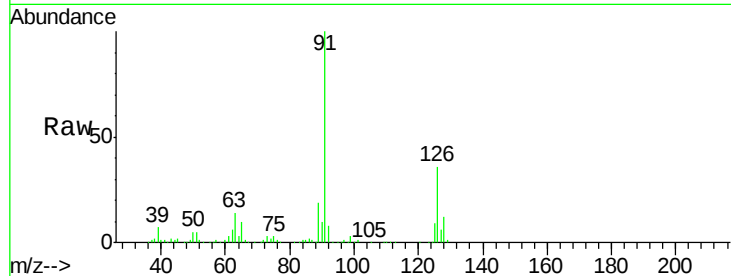
126 36.0 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 56.269 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015307.D

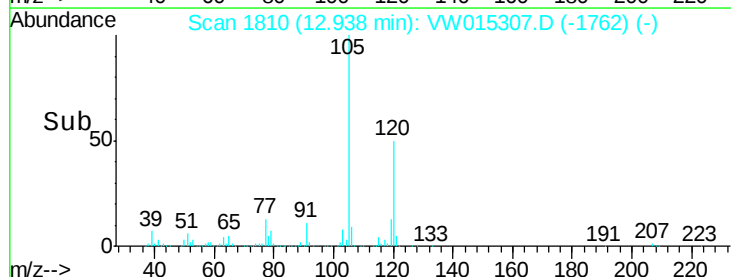
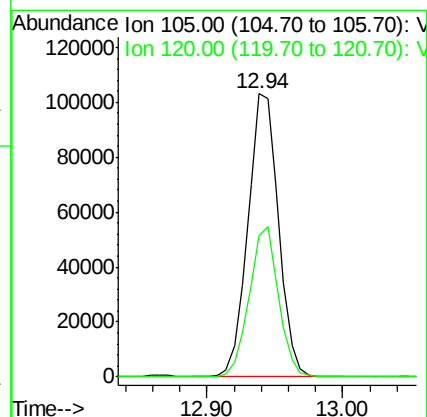
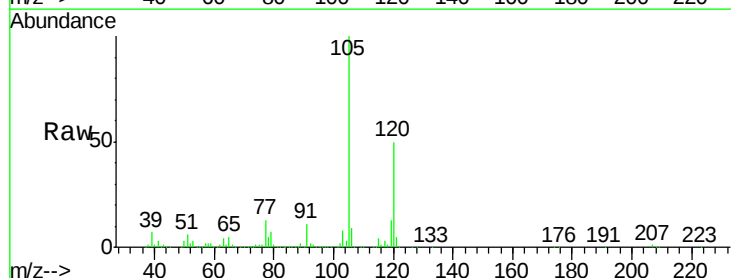
Acq: 22 Apr 2020 14:50

Tgt Ion:105 Resp: 161755

Ion Ratio Lower Upper

105 100

120 51.0 24.9 74.8





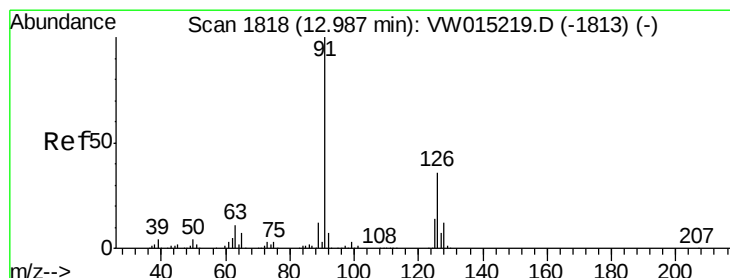
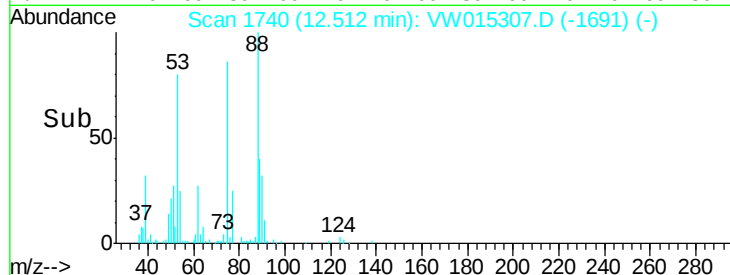
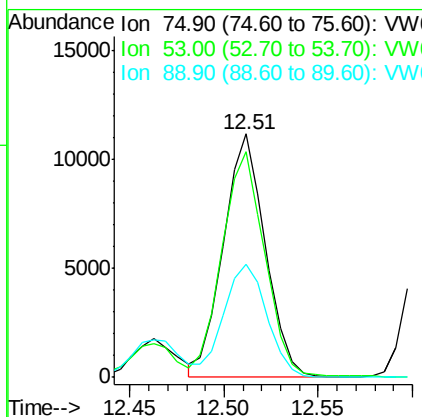
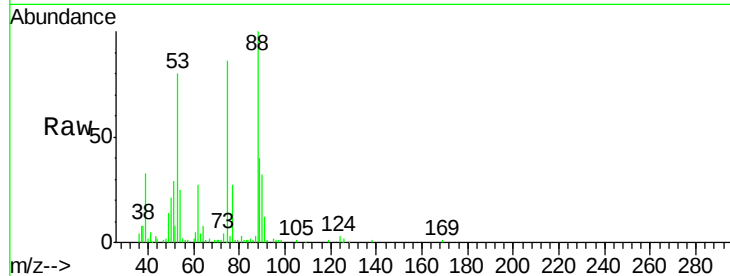
#81
trans-1,4-Dichloro-2-butene
Concen: 101.044 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampled :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	69.4	104.2
89	48.5	34.8	52.2

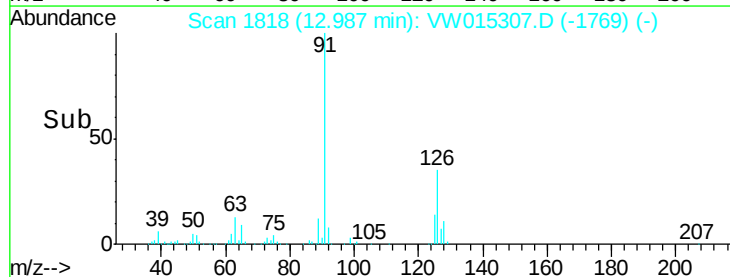
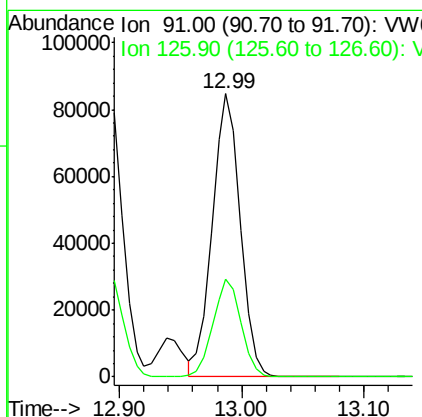
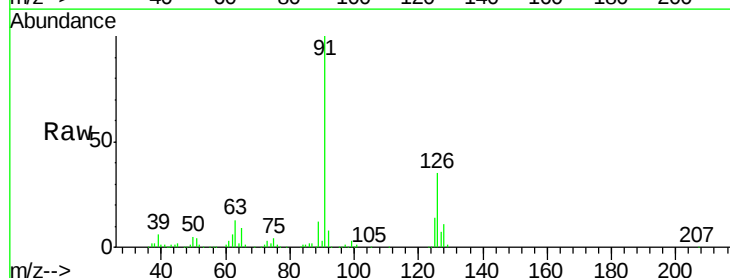
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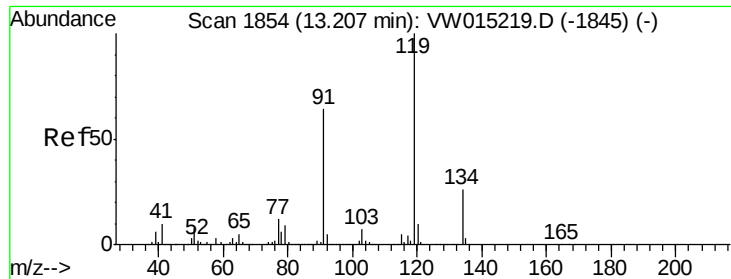
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#82
4-Chlorotoluene
Concen: 57.979 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	16.8	50.3





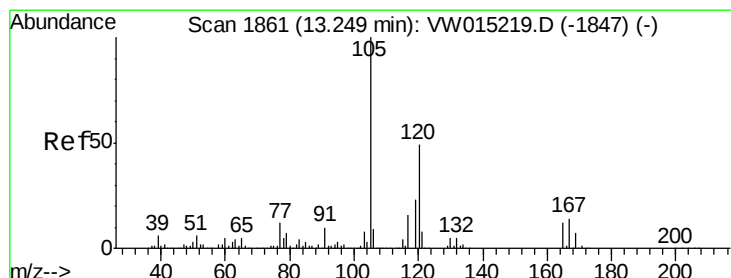
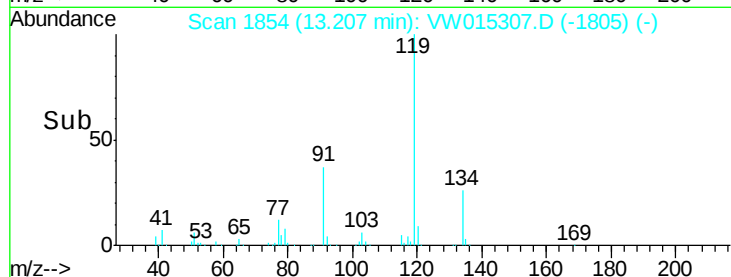
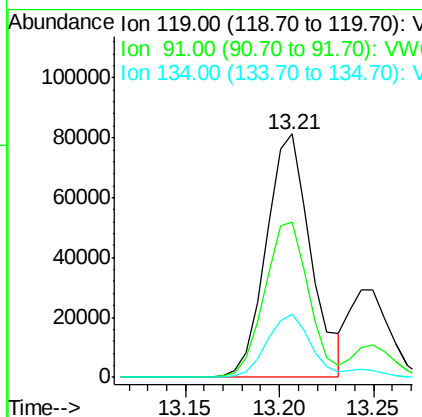
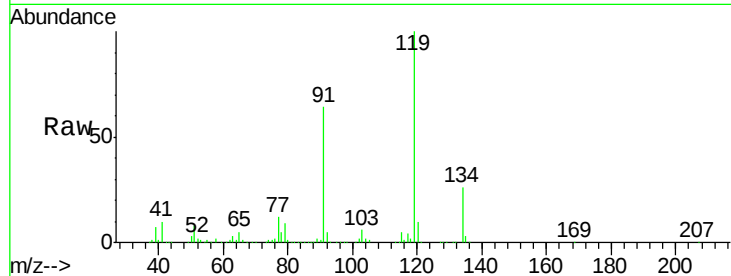
#83
tert-Butylbenzene
Concen: 53.049 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampled :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	32.8	98.3
134	25.5	13.3	39.9

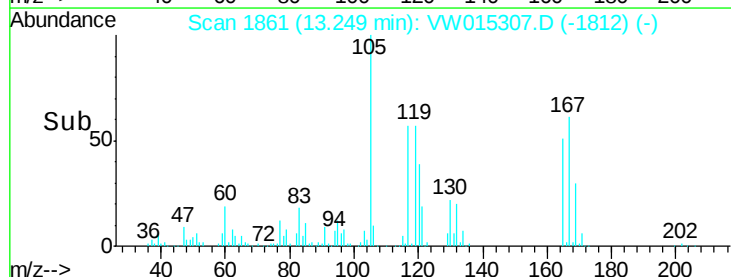
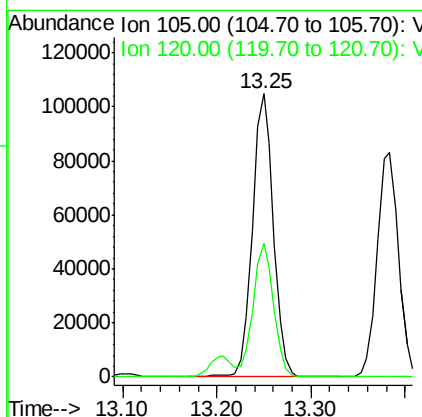
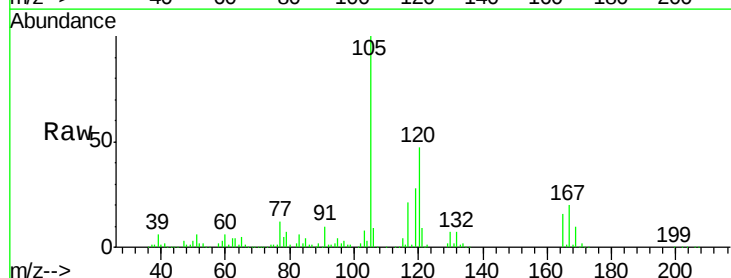
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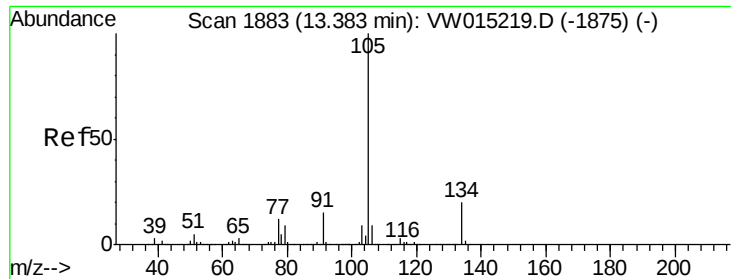
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#84
1,2,4-Trimethylbenzene
Concen: 57.737 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 37.490 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

ClientSampleId :

WB-4-1MS

Tot Ion:105 Resp: 130088

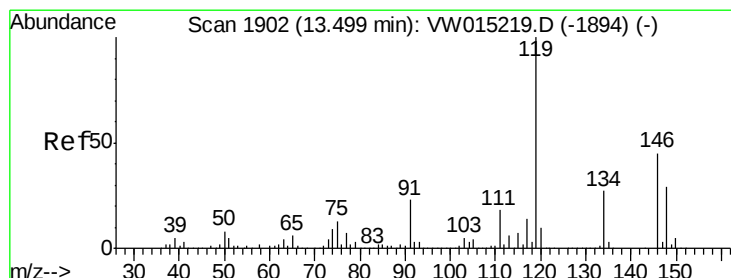
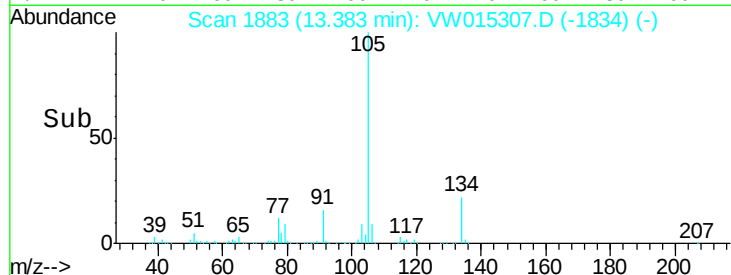
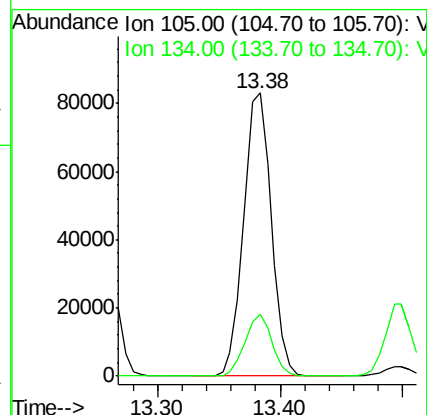
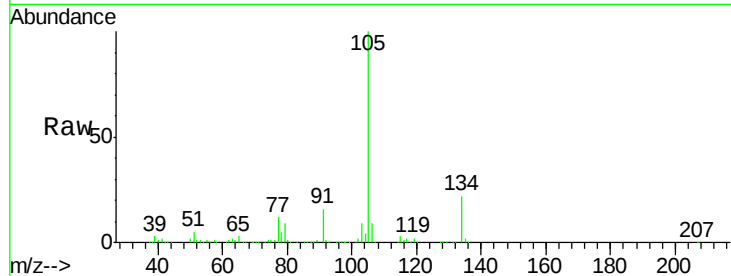
Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 37.408 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

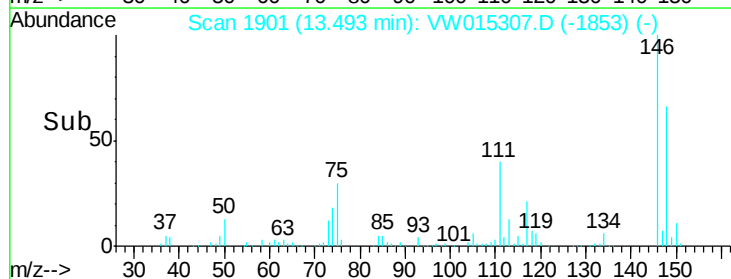
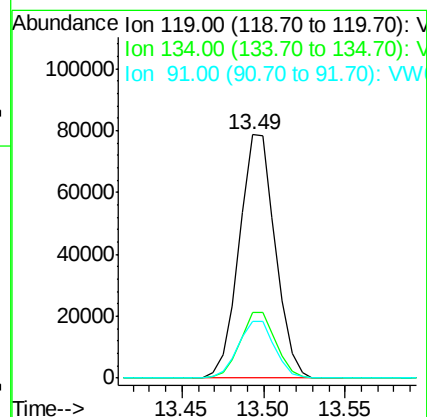
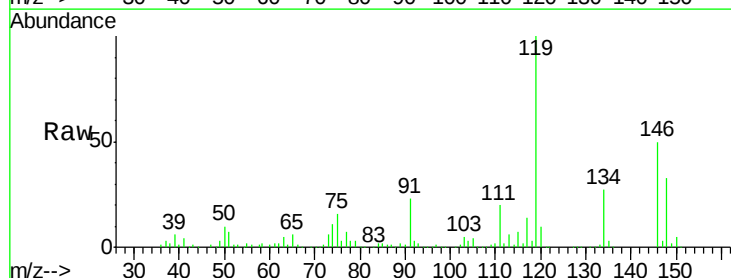
Tgt Ion:119 Resp: 120612

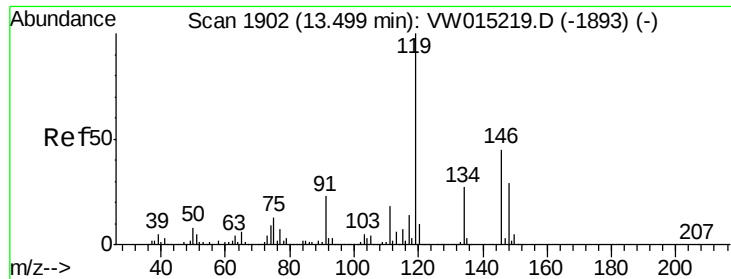
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 23.6 12.0 36.1





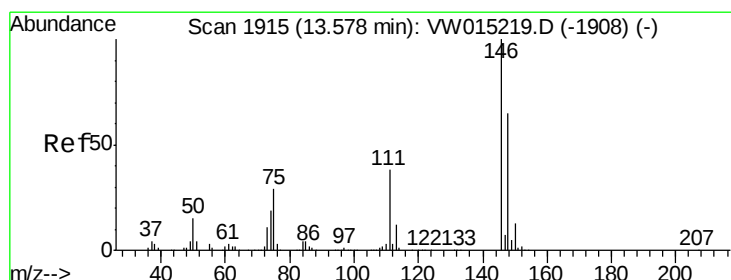
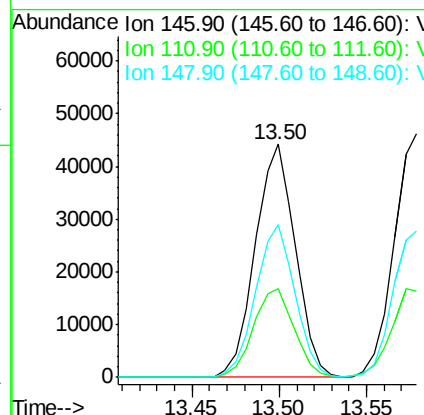
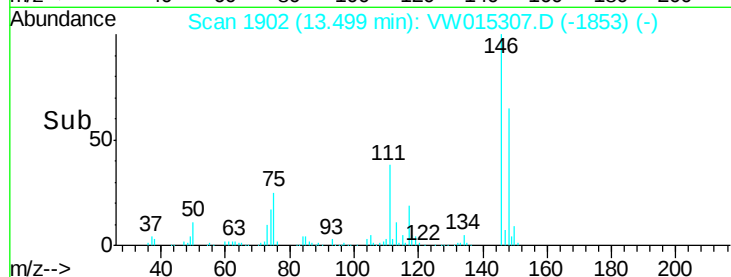
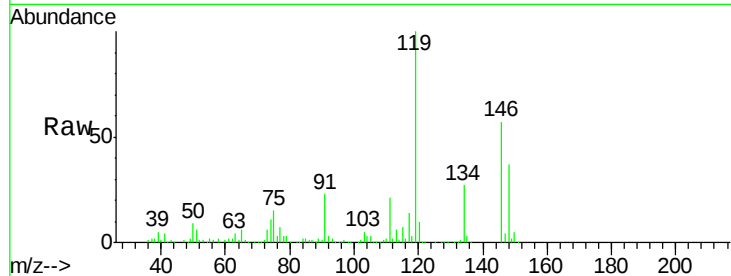
#87
 1,3-Dichlorobenzene
 Concen: 46.235 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.1	63.4
148	64.4	31.8	95.3

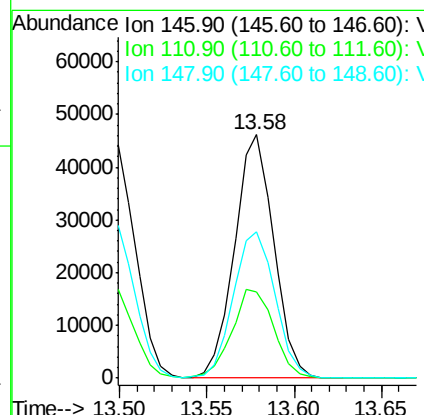
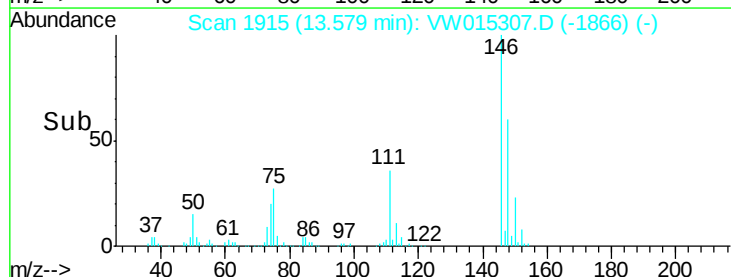
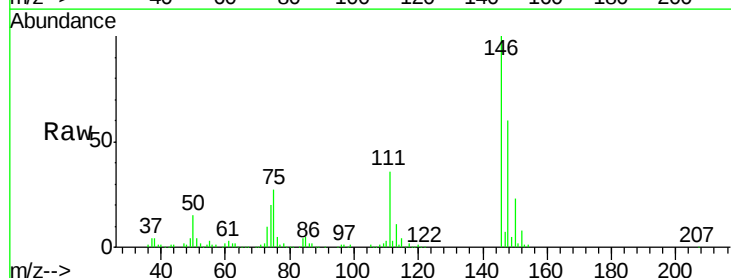
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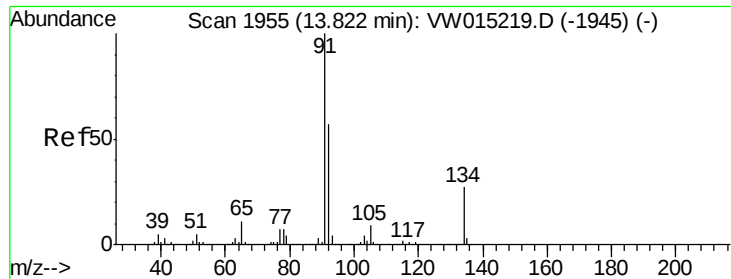
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#88
 1,4-Dichlorobenzene
 Concen: 48.300 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.4	61.3
148	63.9	31.5	94.5





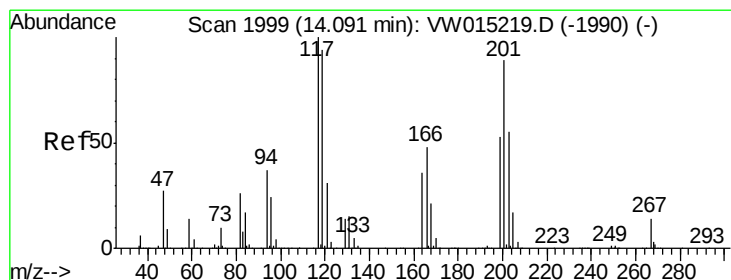
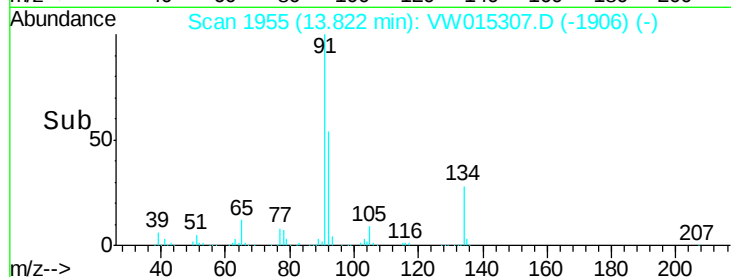
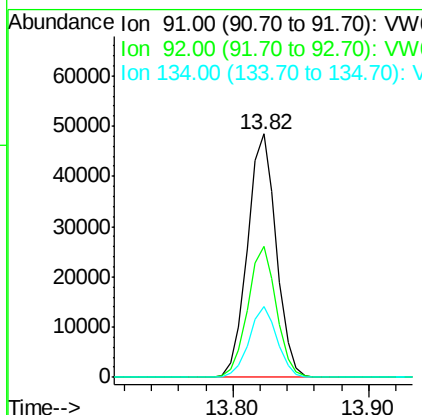
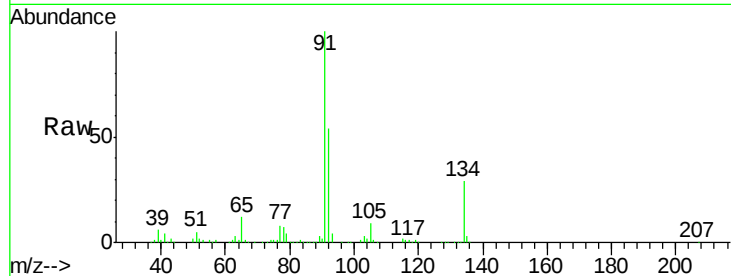
#89
n-Butylbenzene
Concen: 24.273 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.6	82.7
134	28.6	12.8	38.3

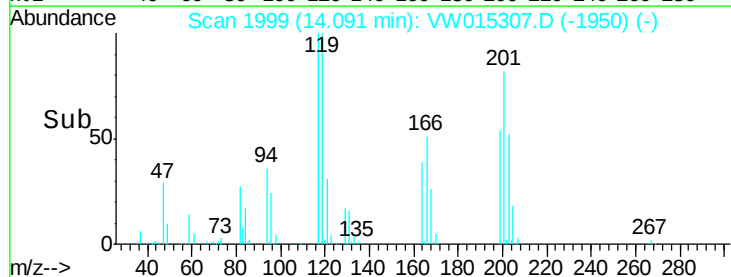
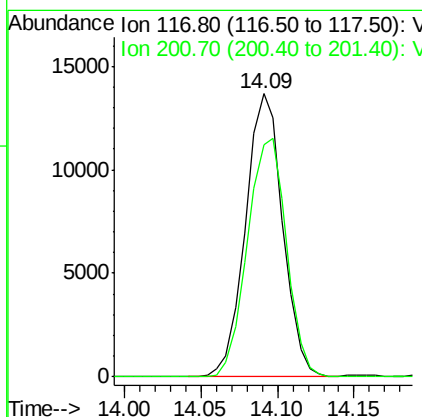
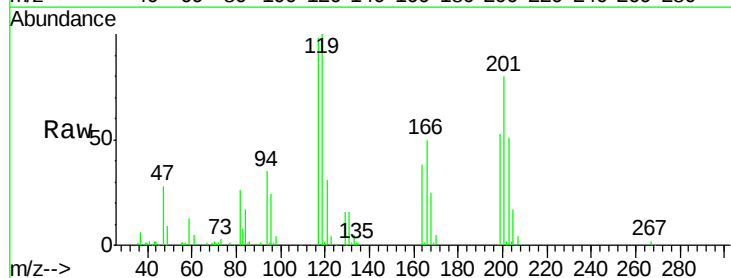
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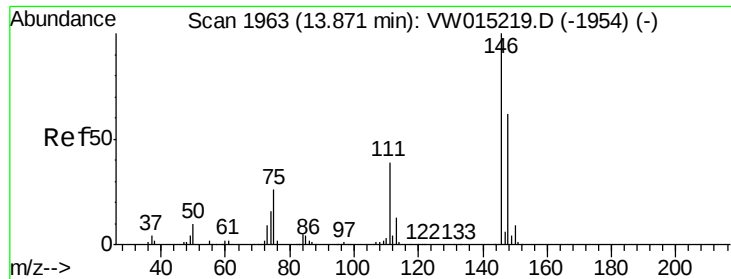
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#90
Hexachloroethane
Concen: 39.053 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	33.6	100.6





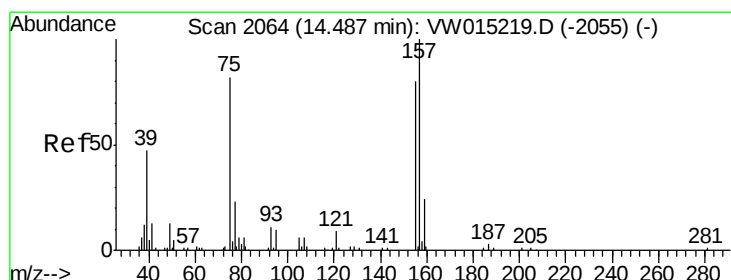
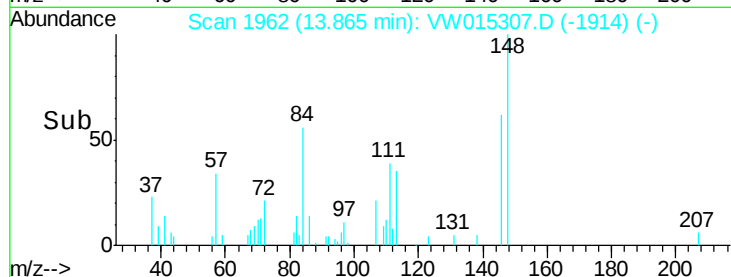
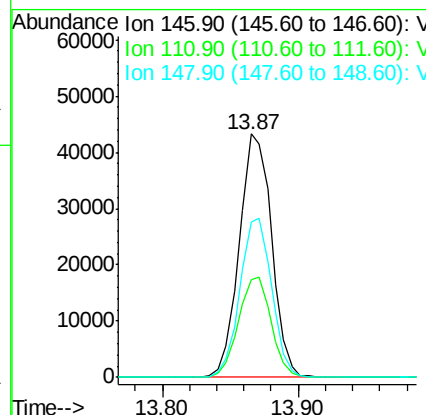
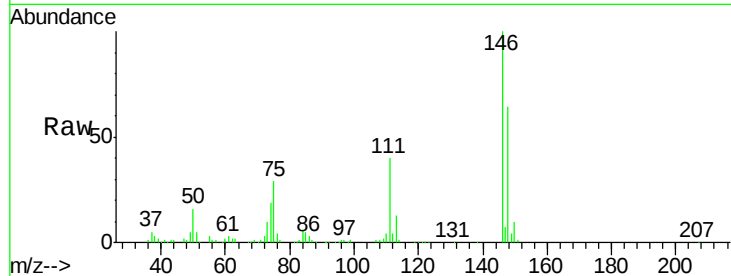
#91
 1,2-Dichlorobenzene
 Concen: 54.250 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.6	65.0
148	64.3	31.0	93.0

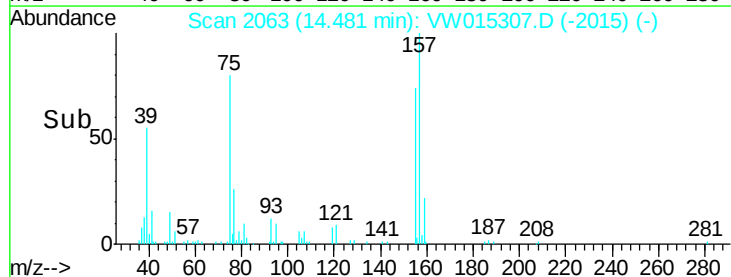
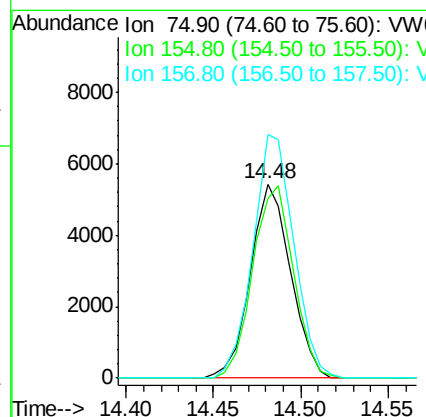
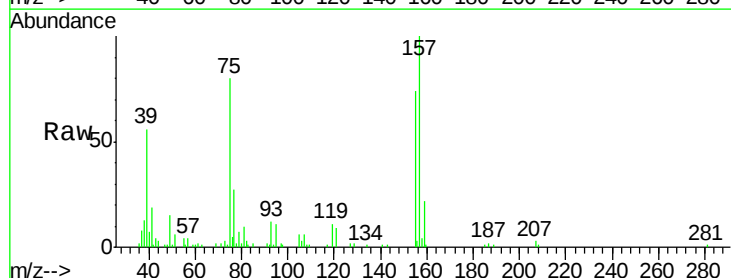
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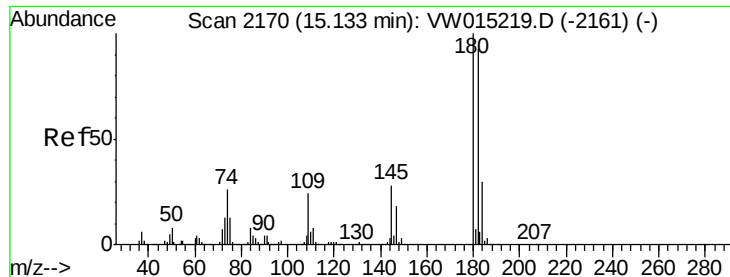
MMDadoda
 4/23/2020 1:32:58 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.277 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015307.D
 Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	41.6	124.9
157	127.4	53.8	161.2





#93

1,2,4-Trichlorobenzene

Concen: 18.752 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW015307.D

Acq: 22 Apr 2020 14:50

Instrument :

MSVOA_W

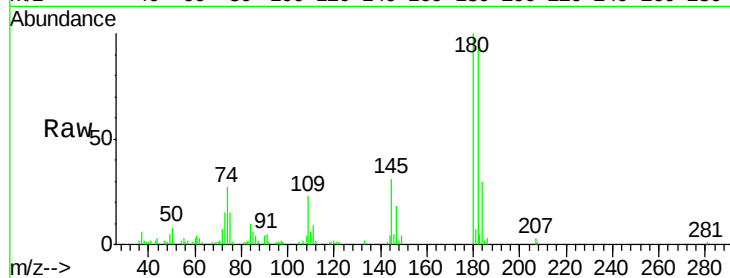
ClientSampleId :

WB-4-1MS

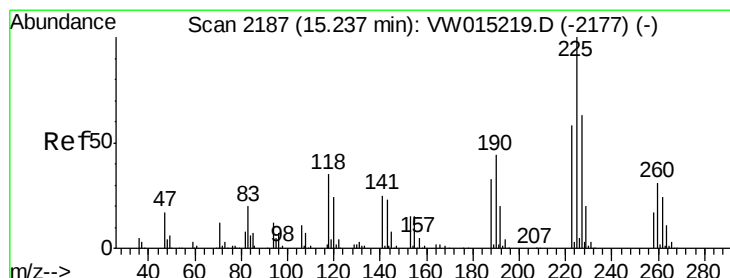
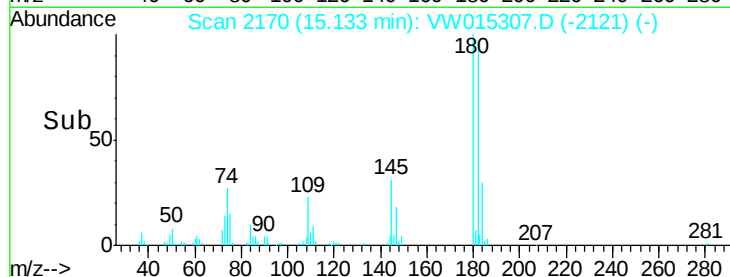
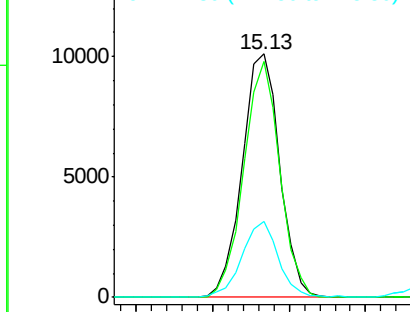
Tot Ion:	180	Resp:	17254
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.1	141.4
145	30.1	16.2	48.6

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 11.877 ug/l

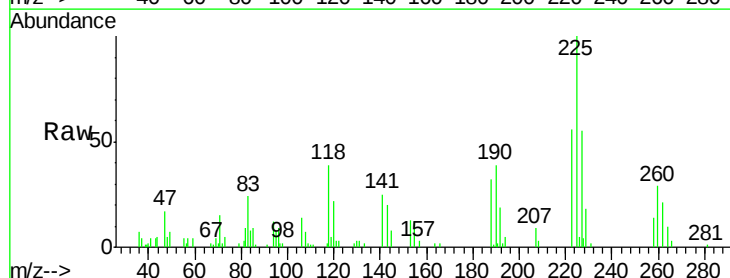
RT: 15.23 min Scan# 2186

Delta R.T. -0.01 min

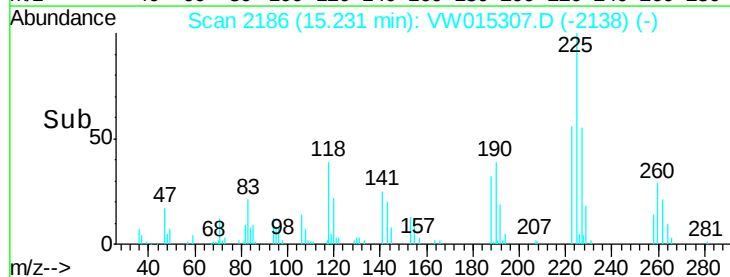
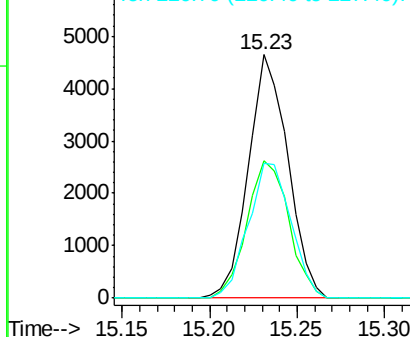
Lab File: VW015307.D

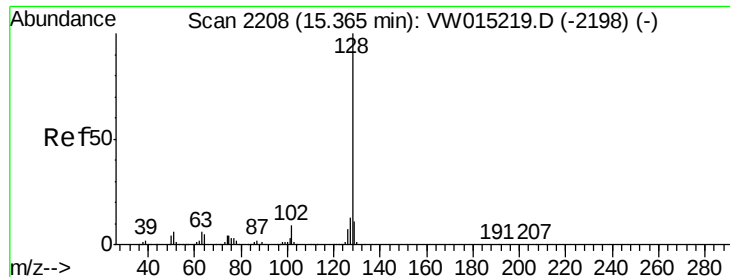
Acq: 22 Apr 2020 14:50

Tgt Ion:	225	Resp:	7286
Ion Ratio	Lower	Upper	
225	100		
223	59.8	31.0	93.0
227	60.1	30.8	92.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





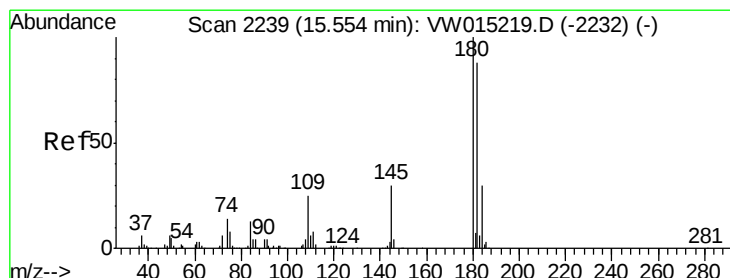
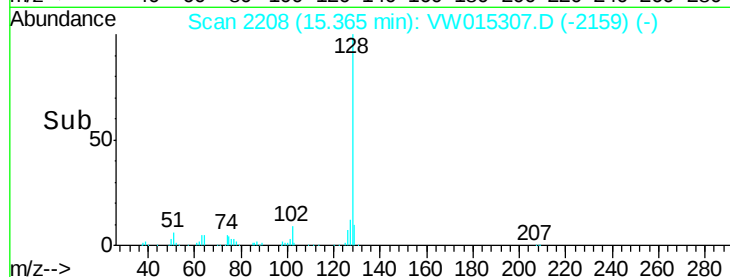
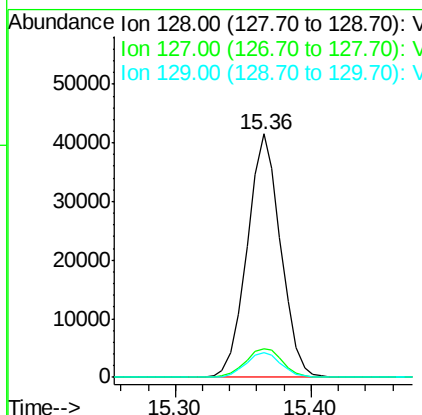
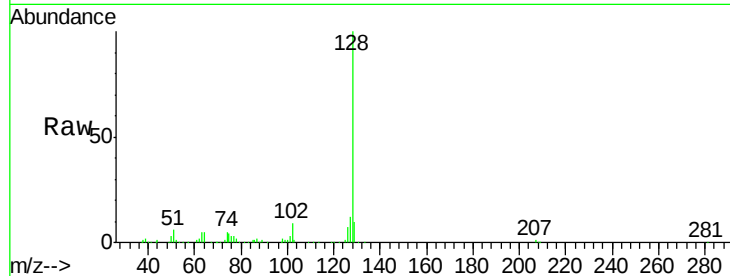
#95
Naphthalene
Concen: 48.235 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
4/23/2020 1:32:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.109 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015307.D
Acq: 22 Apr 2020 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.8	146.3
145	31.7	17.2	51.6

