

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011072.D
 Acq On : 28 Jun 2019 20:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 12:53:02 AM

Quant Time: Jun 29 03:55:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	138986	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	7.88	113	105769	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.32	98	437600	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.62	95	160222	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	69778	45.435	ug/l 99
3) Chloromethane	2.21	50	98337	47.764	ug/l 98
4) Vinyl Chloride	2.35	62	123940	46.235	ug/l 99
5) Bromomethane	2.77	94	65191	48.857	ug/l 99
6) Chloroethane	2.92	64	69839	49.415	ug/l 98
7) Trichlorofluoromethane	3.24	101	35690	45.306	ug/l 96
8) Diethyl Ether	3.67	74	64184	51.447	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106925	48.262	ug/l 100
10) Methyl Iodide	4.27	142	153788	49.613	ug/l 100
11) Tert butyl alcohol	5.17	59	46091	238.287	ug/l 98
12) 1,1-Dichloroethene	4.04	96	109471	47.470	ug/l 98
13) Acrolein	3.89	56	37696	249.915	ug/l 99
14) Allyl chloride	4.66	41	182501	49.170	ug/l 99
15) Acrylonitrile	5.36	53	165077	268.697	ug/l 100
16) Acetone	4.12	43	174329	268.163	ug/l 99
17) Carbon Disulfide	4.39	76	316792	48.421	ug/l 100
18) Methyl Acetate	4.67	43	84939	50.440	ug/l 98
19) Methyl tert-butyl Ether	5.42	73	171527	52.550	ug/l 96
20) Methylene Chloride	4.92	84	126343	47.834	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	118017	49.663	ug/l 97
22) Diisopropyl ether	6.31	45	466130	52.187	ug/l 97
23) Vinyl Acetate	6.25	43	1481871	269.262	ug/l 100
24) 1,1-Dichloroethane	6.21	63	236796	50.225	ug/l 99
25) 2-Butanone	7.17	43	263697	266.858	ug/l 99
26) 2,2-Dichloropropane	7.16	77	102970	42.065	ug/l 97
27) cis-1,2-Dichloroethene	7.17	96	129479	50.604	ug/l 98
28) Bromochloromethane	7.51	49	106433	48.493	ug/l 100
29) Tetrahydrofuran	7.52	42	168193	273.425	ug/l 100
30) Chloroform	7.67	83	216529	50.552	ug/l 99
31) Cyclohexane	7.95	56	235278	46.184	ug/l 99
32) 1,1,1-Trichloroethane	7.87	97	158709	49.586	ug/l 99
36) 1,1-Dichloropropene	8.08	75	177256	48.614	ug/l 99
37) Ethyl Acetate	7.25	43	111952	52.779	ug/l 98
38) Carbon Tetrachloride	8.06	117	146261	48.710	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	217029	48.366	ug/l	97
40) Benzene	8.32	78	500087	49.866	ug/l	100
41) Methacrylonitrile	7.48	41	70163	54.369	ug/l	99
42) 1,2-Dichloroethane	8.40	62	168042	51.105	ug/l	100
43) Isopropyl Acetate	8.42	43	214231	53.389	ug/l	100
44) Trichloroethene	9.09	130	119768	49.416	ug/l	100
45) 1,2-Dichloropropane	9.37	63	138298	50.783	ug/l	97
46) Dibromomethane	9.46	93	65382	51.334	ug/l	99
47) Bromodichloromethane	9.64	83	163847	51.959	ug/l	99
48) Methyl methacrylate	9.43	41	103410	53.150	ug/l	99
49) 1,4-Dioxane	9.45	88	23173	1082.090	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	572682	271.129	ug/l	100
52) Toluene	10.38	92	308109	50.182	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	169833	51.707	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	201963	51.546	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	93163	51.773	ug/l	98
56) Ethyl methacrylate	10.65	69	145994	54.180	ug/l	98
57) 1,3-Dichloropropane	10.93	76	176785	51.648	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	324376	237.922	ug/l	99
59) 2-Hexanone	10.97	43	404909	274.889	ug/l	99
60) Dibromochloromethane	11.13	129	100152	53.076	ug/l	98
61) 1,2-Dibromoethane	11.23	107	87715	52.070	ug/l	100
64) Tetrachloroethene	10.86	164	109798	51.918	ug/l	97
65) Chlorobenzene	11.66	112	309563	49.210	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	109982	51.495	ug/l	98
67) Ethyl Benzene	11.73	91	593422	49.253	ug/l	100
68) m/p-Xylenes	11.84	106	434844	99.463	ug/l	100
69) o-Xylene	12.16	106	204015	50.100	ug/l	99
70) Styrene	12.18	104	359542	50.810	ug/l	100
71) Bromoform	12.35	173	55397	53.205	ug/l #	99
73) Isopropylbenzene	12.46	105	565350	48.898	ug/l	100
74) N-amyl acetate	12.27	43	205320	52.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	115757	50.985	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81061m	49.750	ug/l	
77) Bromobenzene	12.75	156	125648	49.442	ug/l	100
78) n-propylbenzene	12.80	91	697019	48.683	ug/l	99
79) 2-Chlorotoluene	12.89	91	396683	48.496	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	481481	49.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34082	44.957	ug/l	100
82) 4-Chlorotoluene	12.99	91	415047	48.691	ug/l	100
83) tert-Butylbenzene	13.21	119	402637	49.272	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	490530	49.523	ug/l	99
85) sec-Butylbenzene	13.38	105	580605	48.909	ug/l	100
86) p-Isopropyltoluene	13.50	119	525550	49.196	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	249102	49.553	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	244715	48.766	ug/l	99
89) n-Butylbenzene	13.82	91	530999	48.904	ug/l	100
90) Hexachloroethane	14.10	117	89865	49.165	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	225496	49.944	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19821	51.369	ug/l	97

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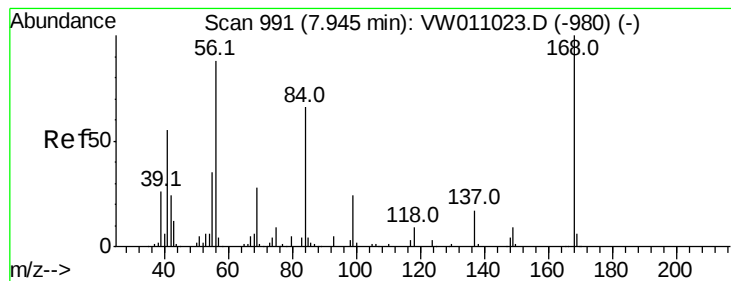
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	163577	51.494	ug/l	99
94) Hexachlorobutadiene	15.24	225	95316	49.471	ug/l	99
95) Naphthalene	15.37	128	324311	54.350	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	144723	51.022	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 203727

Ion Ratio Lower Upper

168 100

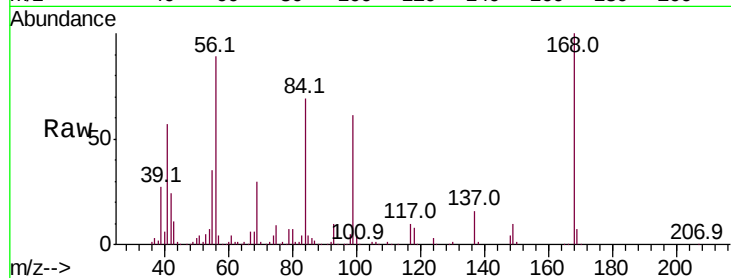
99 60.5 47.8 71.6

Manual Integrations

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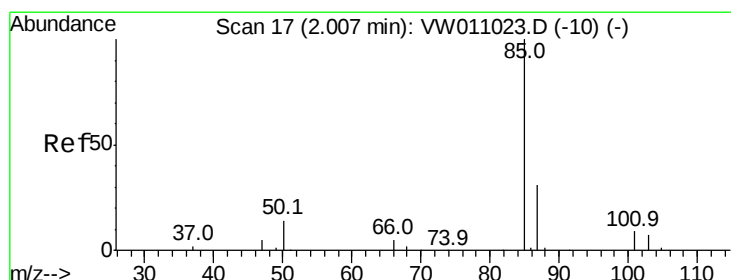
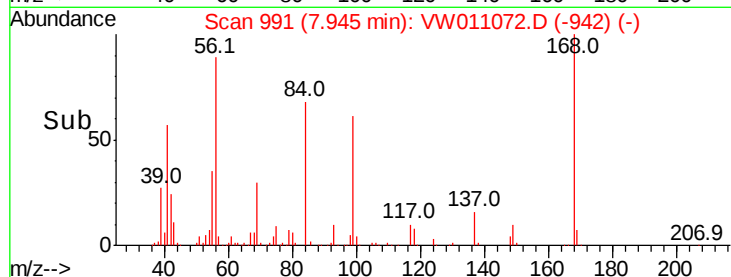
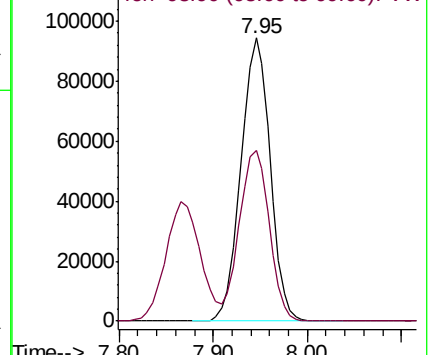
MMDadoda

7/2/2019 12:53:02 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.435 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011072.D

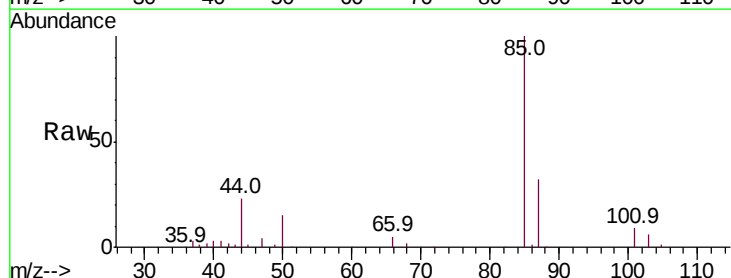
Acq: 28 Jun 2019 20:29

Tgt Ion: 85 Resp: 69778

Ion Ratio Lower Upper

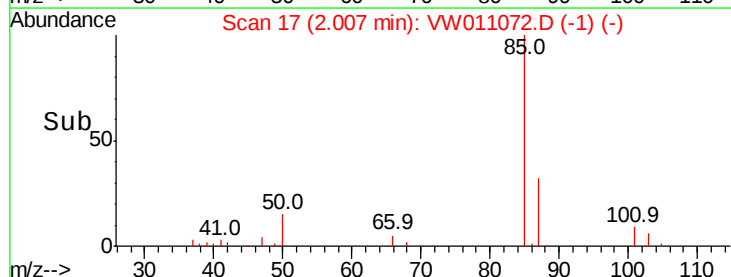
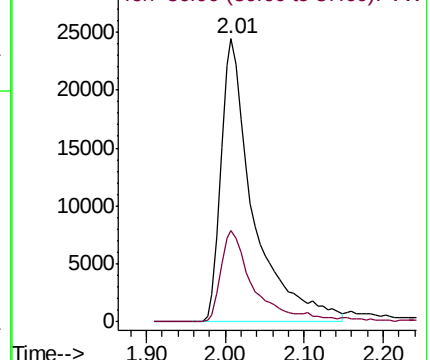
85 100

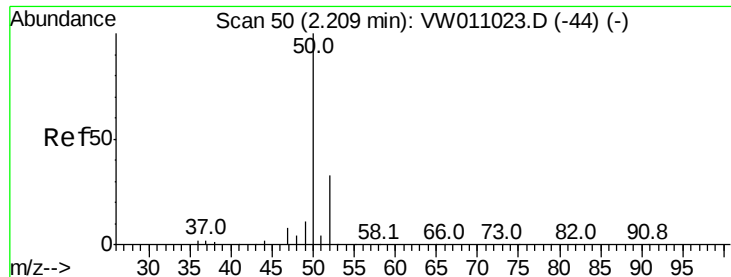
87 32.1 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.764 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 98337

Ion Ratio Lower Upper

50 100

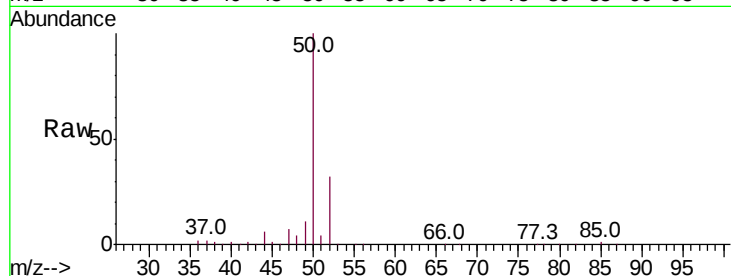
52 32.0 26.6 40.0

Manual Integrations

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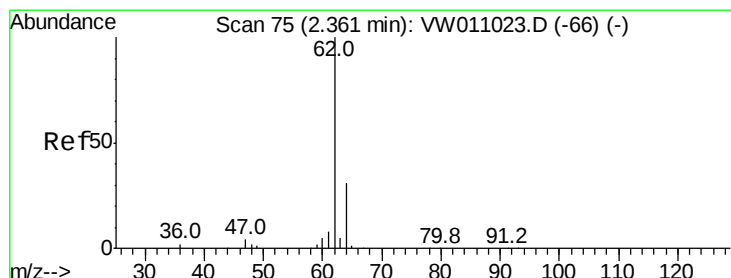
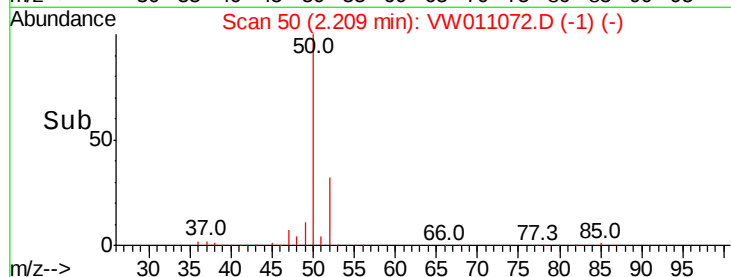
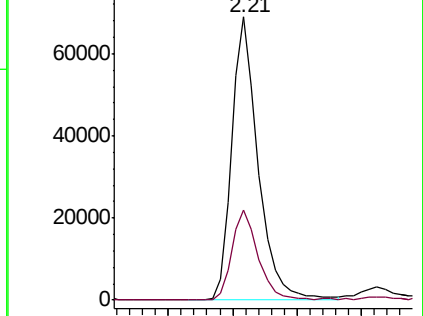
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 46.235 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011072.D

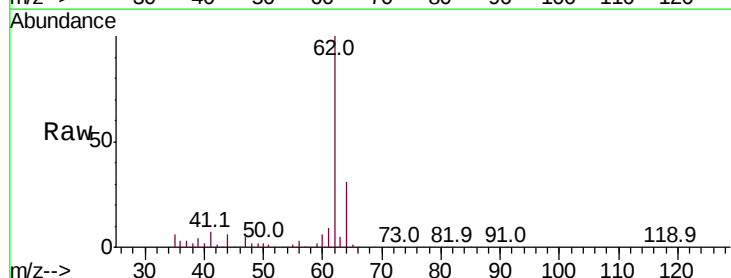
Acq: 28 Jun 2019 20:29

Tgt Ion: 62 Resp: 123940

Ion Ratio Lower Upper

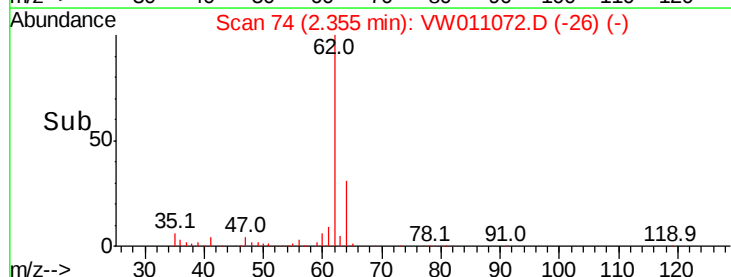
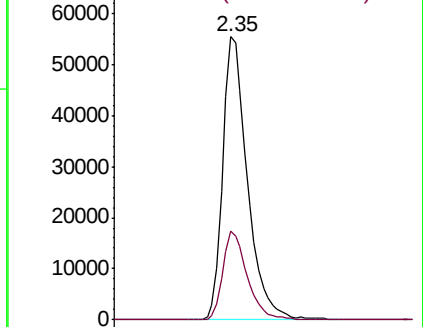
62 100

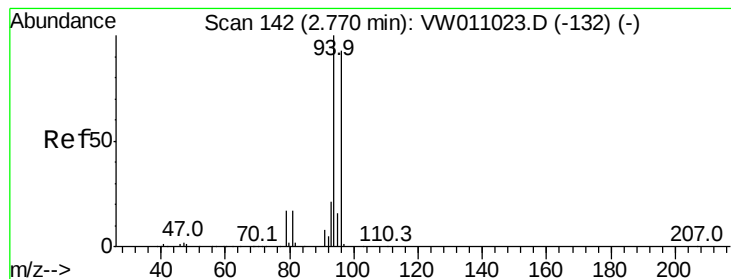
64 31.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 48.857 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 65191

Ion Ratio Lower Upper

94 100

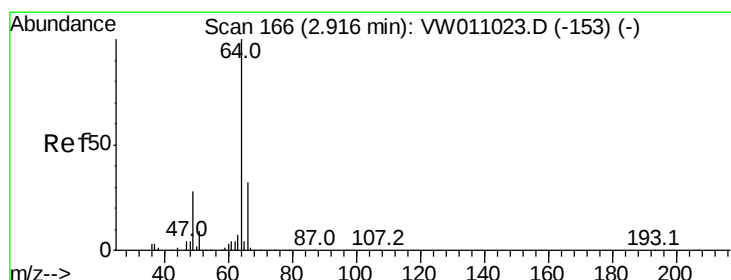
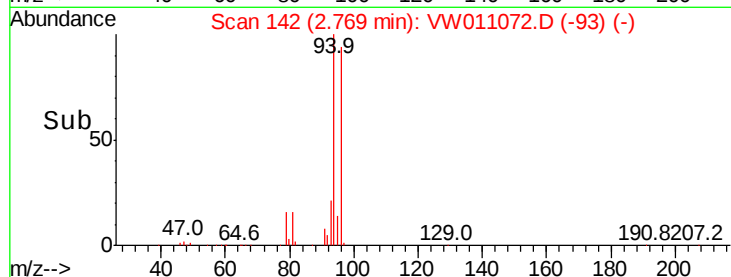
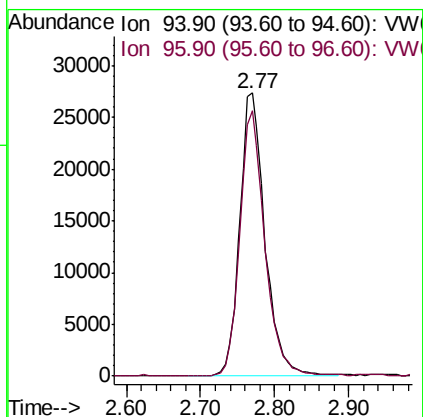
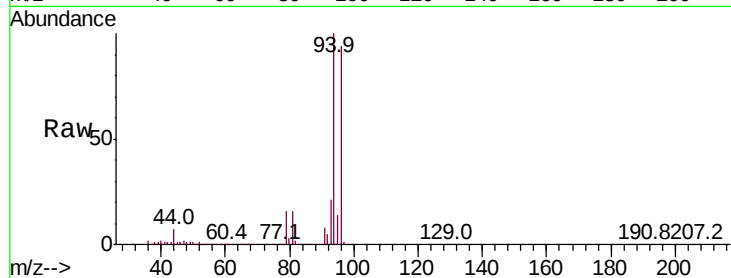
96 93.5 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 49.415 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW011072.D

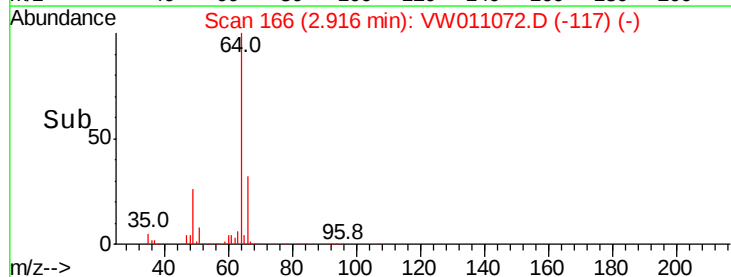
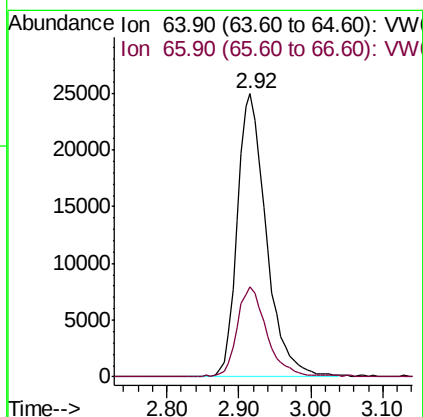
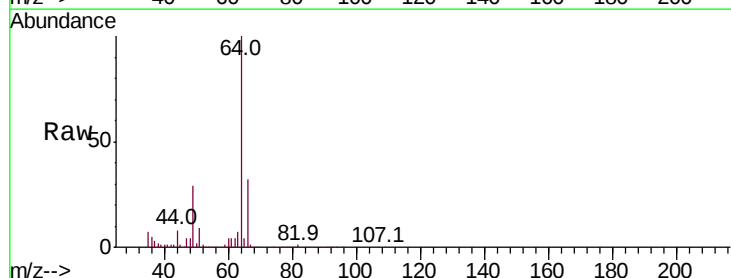
Acq: 28 Jun 2019 20:29

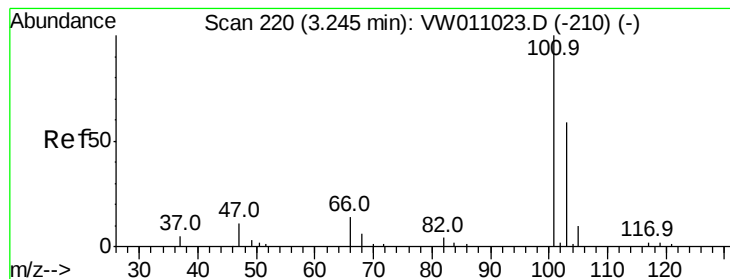
Tgt Ion: 64 Resp: 69839

Ion Ratio Lower Upper

64 100

66 31.2 25.7 38.5





#7

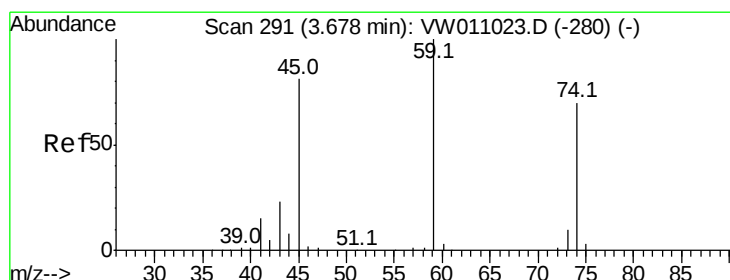
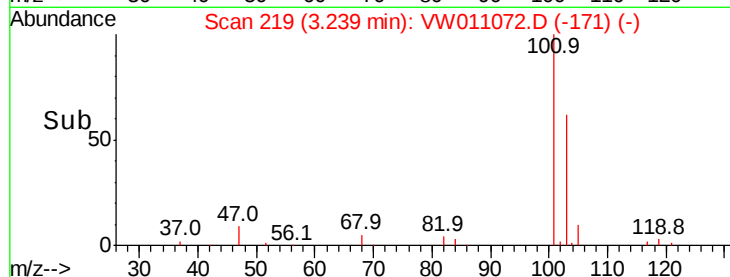
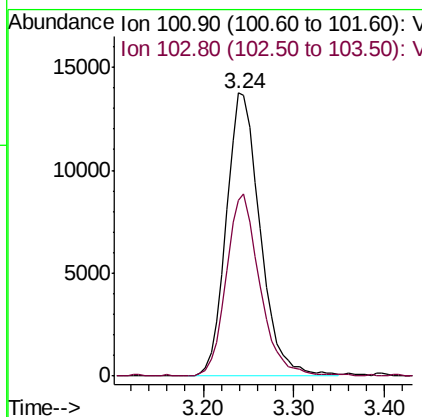
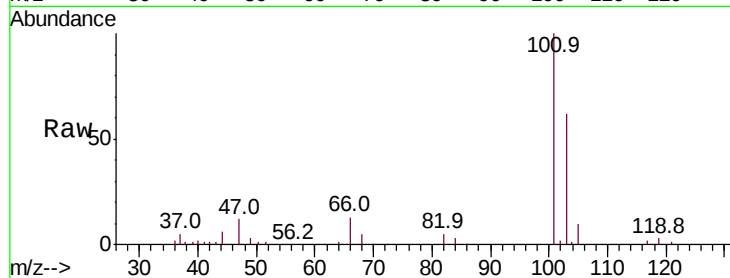
Trichlorofluoromethane
Concen: 45.306 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	47.5	71.3

Manual Integrations
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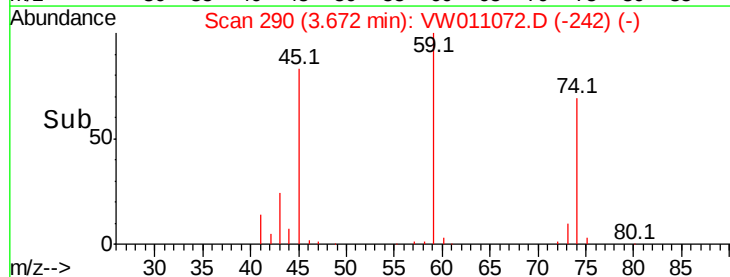
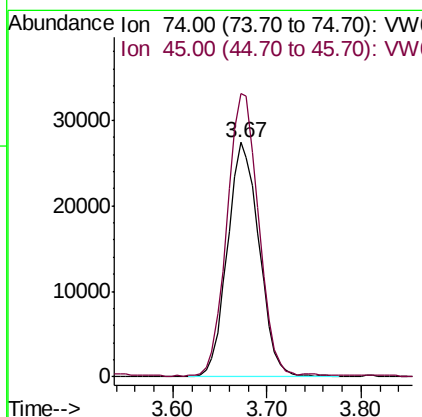
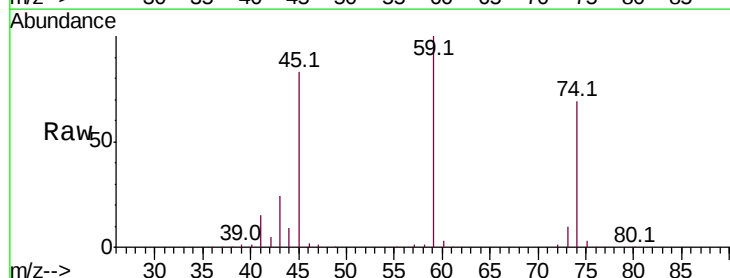
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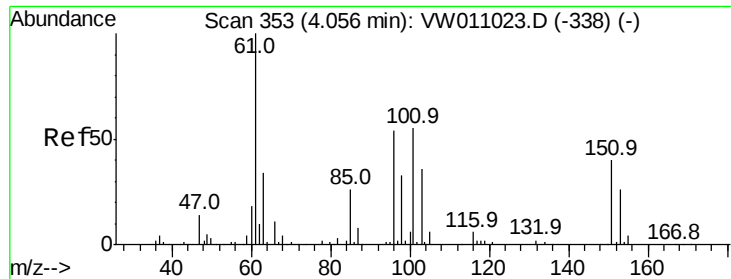


#8

Diethyl Ether
Concen: 51.447 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	120.8	59.5	178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.262 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

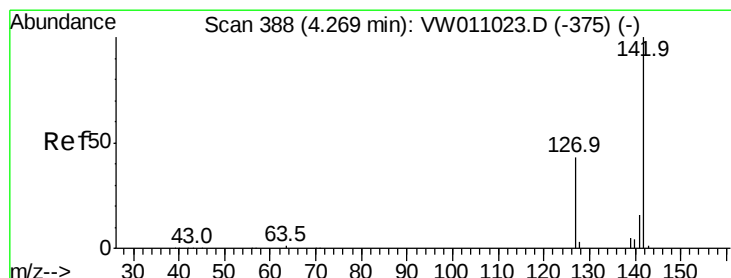
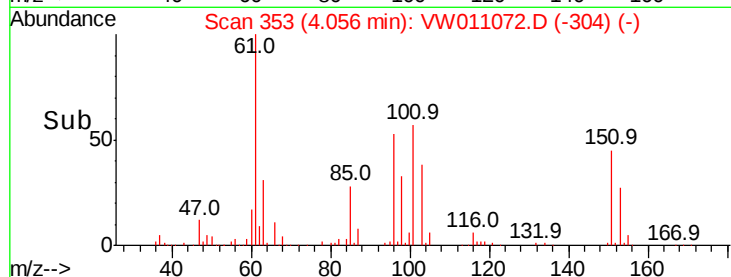
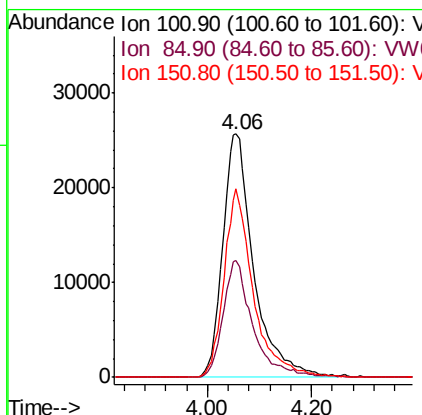
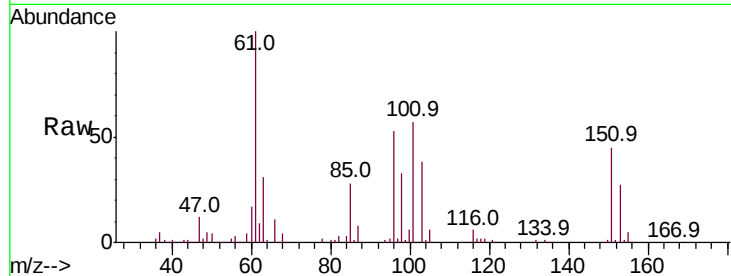
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	106925
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.6	55.0
151	73.4	58.9	88.3

Manual Integrations
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MMDadoda
7/2/2019 12:53:02 AM



#10

Methyl Iodide

Concen: 49.613 ug/l

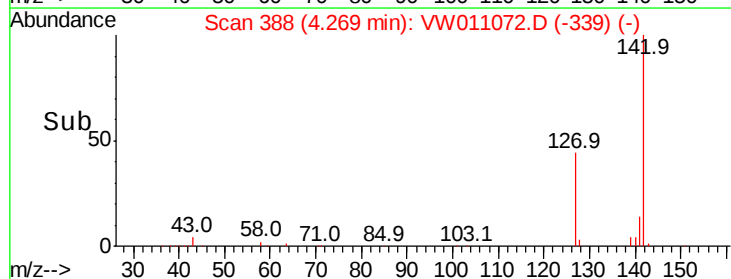
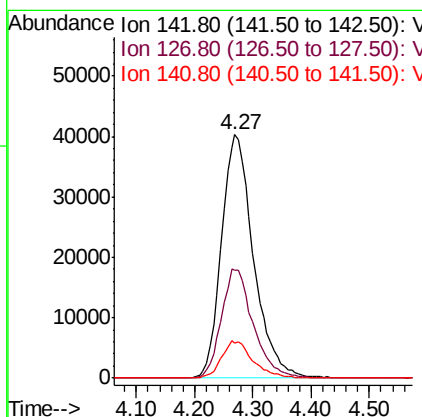
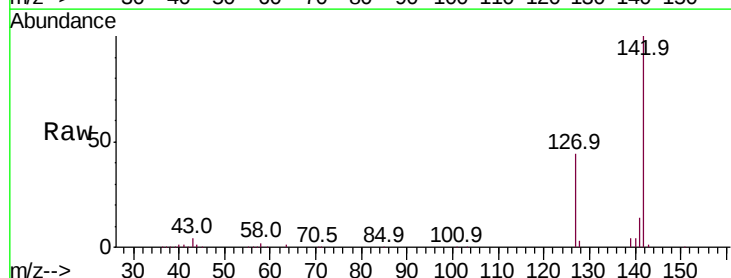
RT: 4.27 min Scan# 388

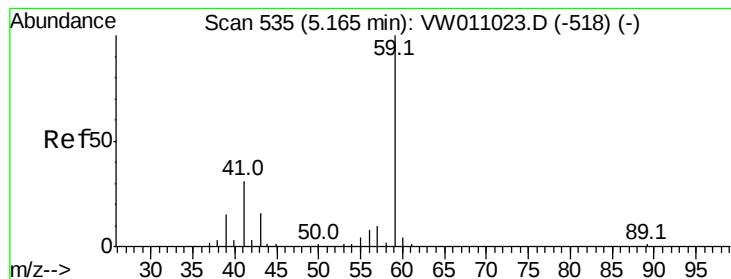
Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion:	142	Resp:	153788
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.8	53.8
141	15.0	12.2	18.2





#11

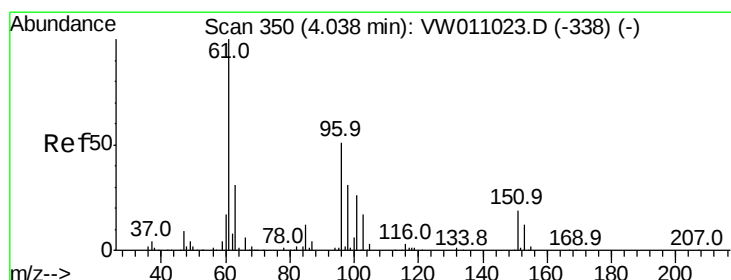
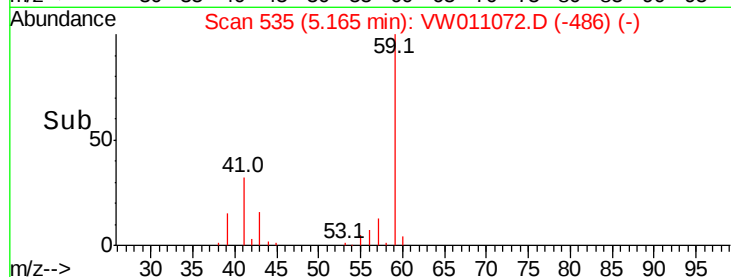
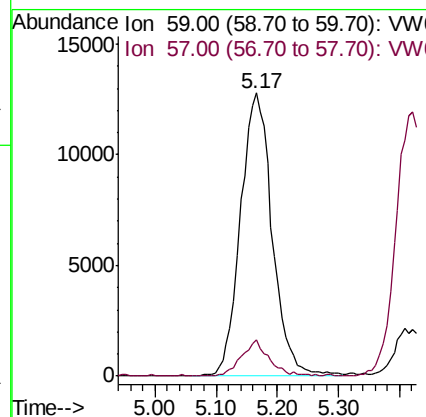
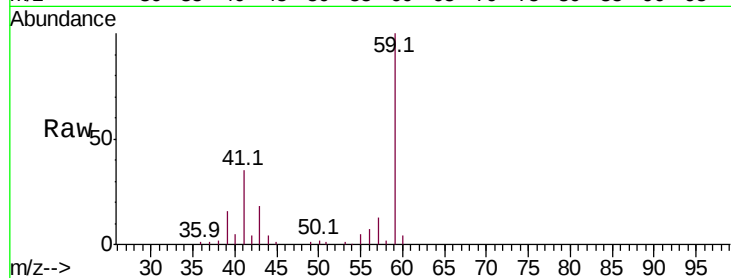
Tert butyl alcohol
 Concen: 238.287 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	9.0	13.4

Manual Integrations
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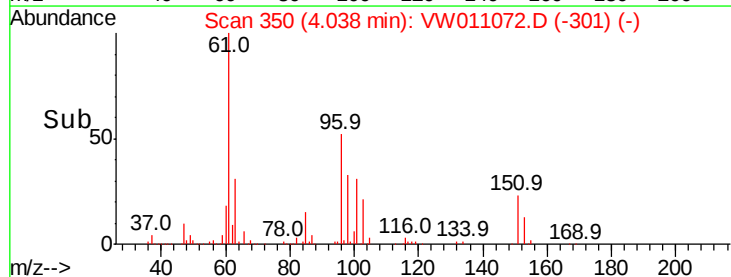
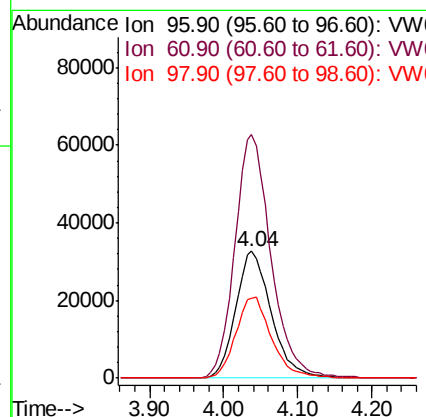
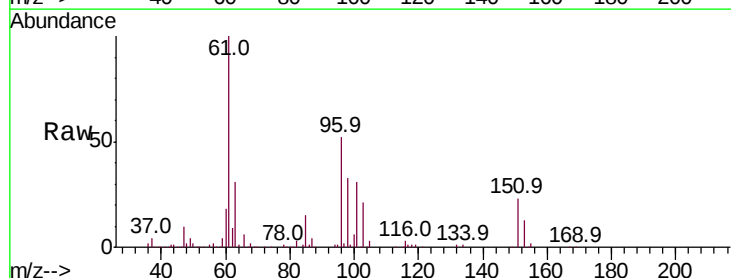
MMDadoda
 7/2/2019 12:53:02 AM

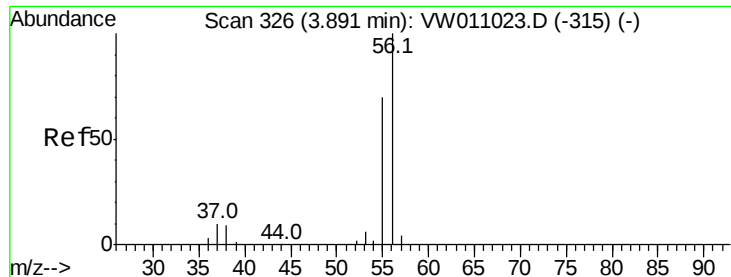


#12

1,1-Dichloroethene
 Concen: 47.470 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.4	156.0	234.0
98	62.6	48.7	73.1





#13

Acrolein

Concen: 249.915 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 37696

Ion Ratio Lower Upper

56 100

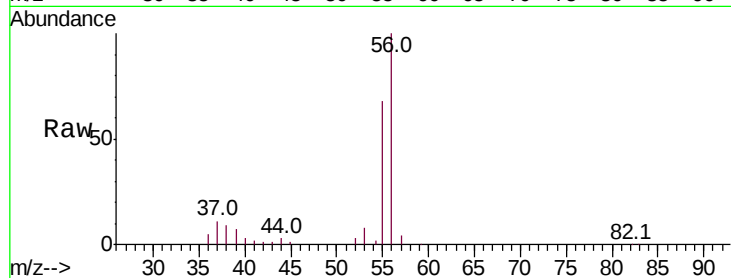
55 70.5 55.7 83.5

Manual Integrations

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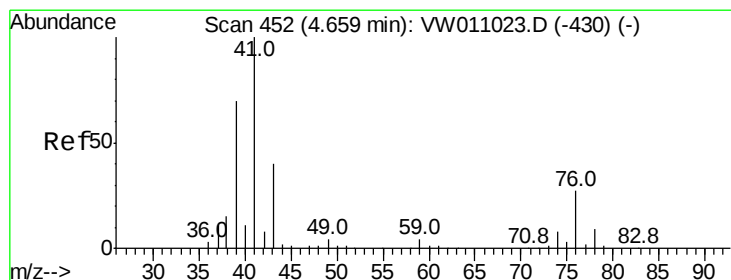
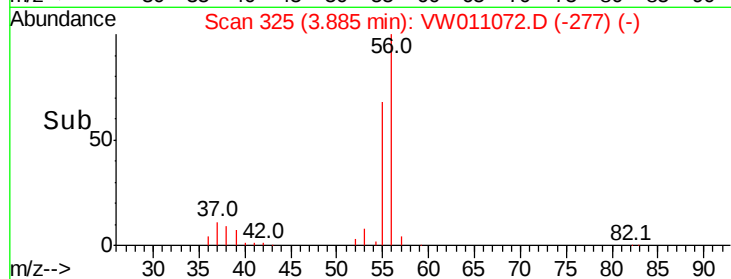
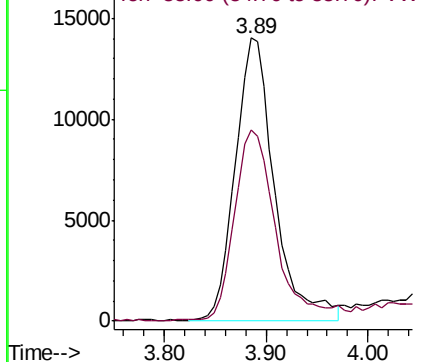
MMDadoda

7/2/2019 12:53:02 AM



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.170 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

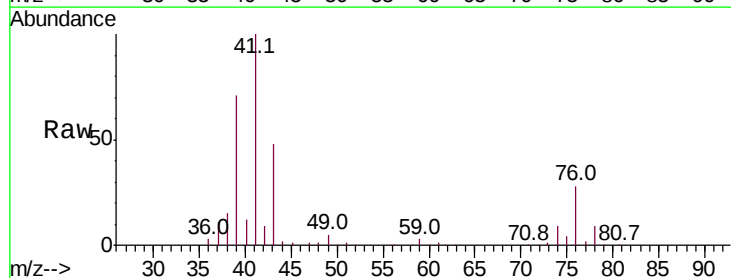
Tgt Ion: 41 Resp: 182501

Ion Ratio Lower Upper

41 100

39 68.3 55.4 83.2

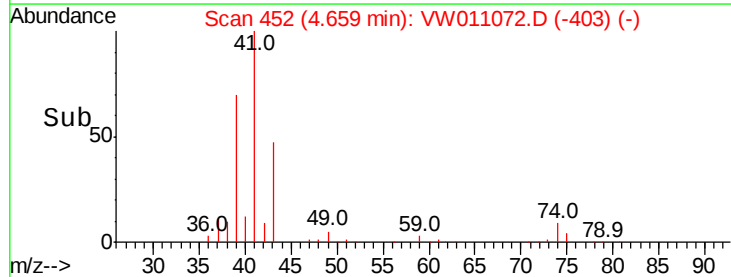
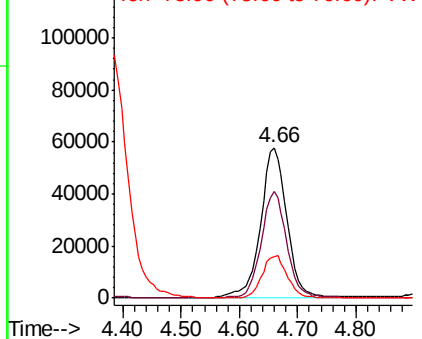
76 27.1 22.0 33.0

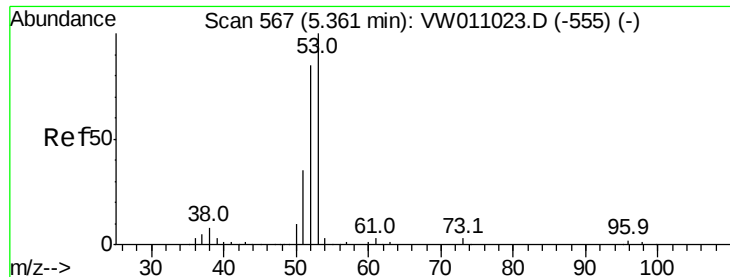


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 268.697 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

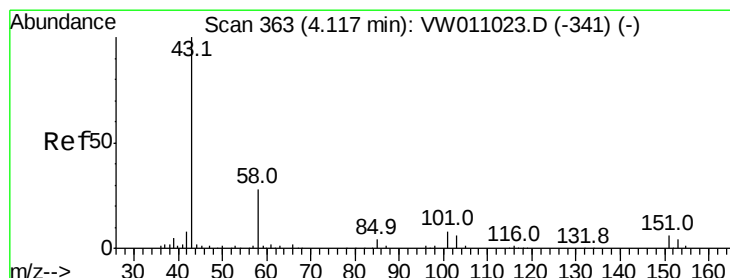
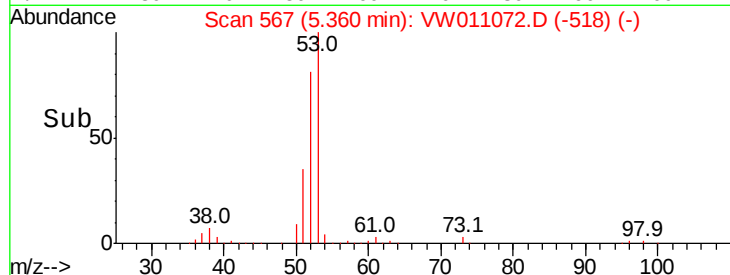
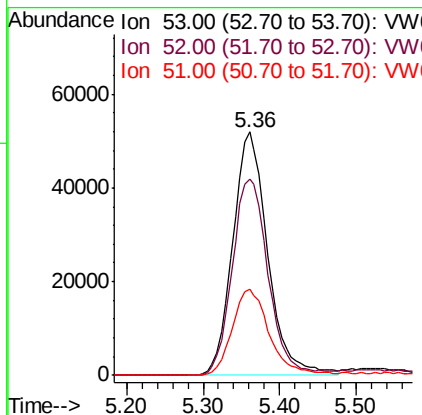
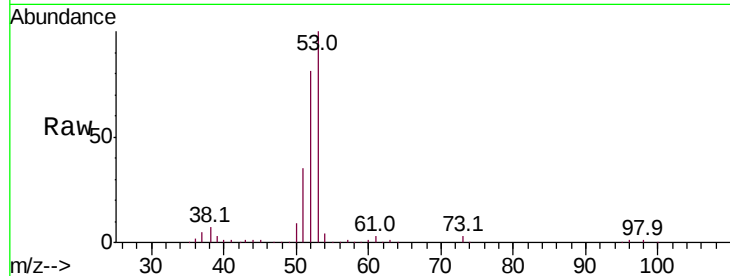
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	165077
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.3	99.5
51	37.5	29.8	44.6

Manual Integrations
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MMDadoda
7/2/2019 12:53:02 AM



#16

Acetone

Concen: 268.163 ug/l

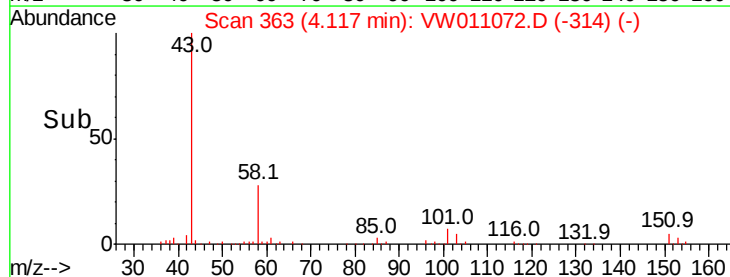
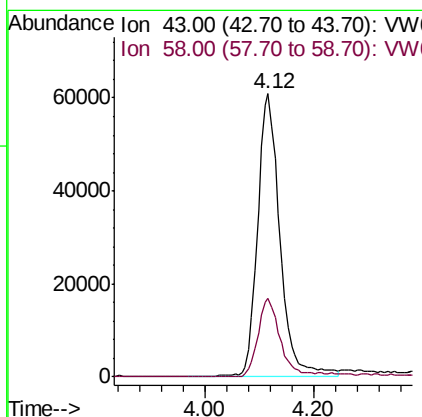
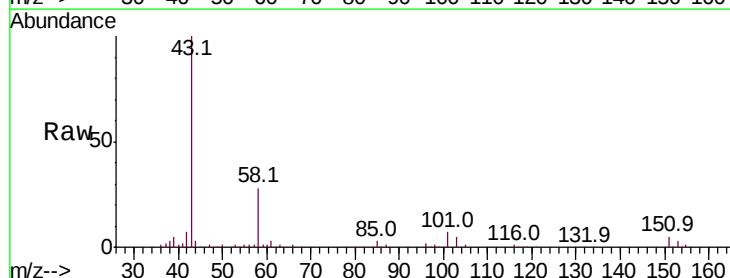
RT: 4.12 min Scan# 363

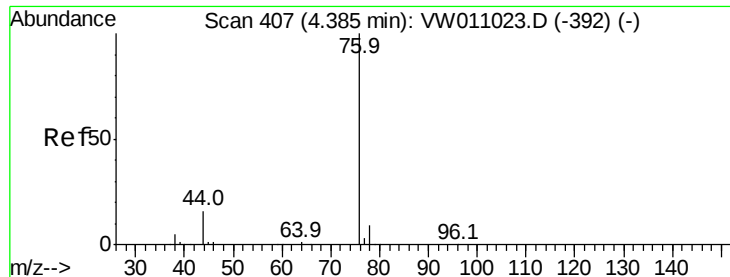
Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion:	43	Resp:	174329
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.5	33.7





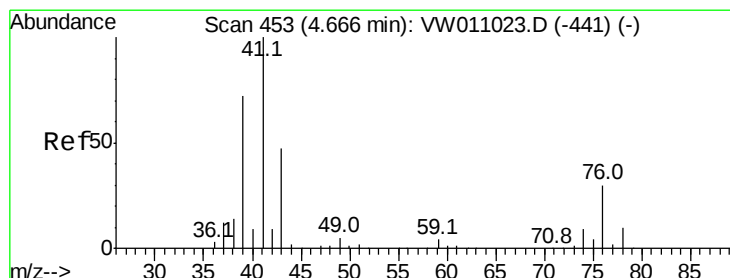
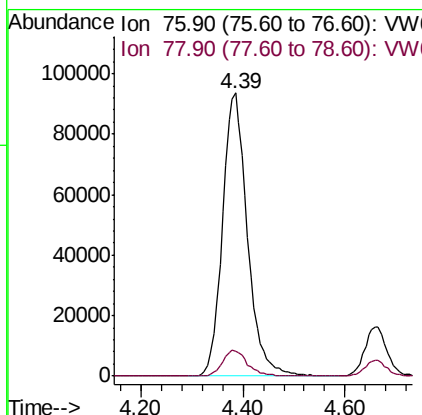
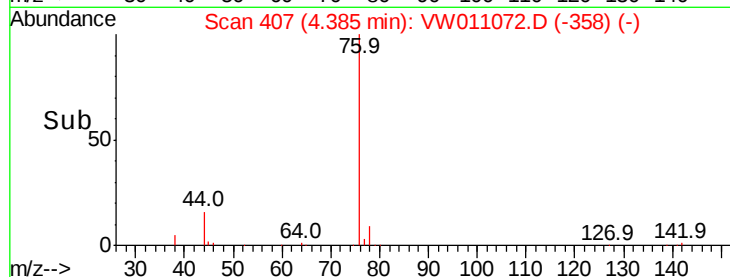
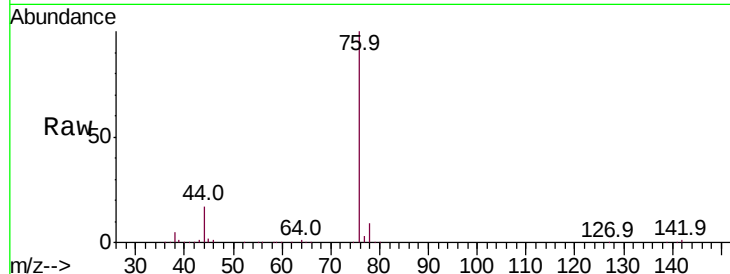
#17
Carbon Disulfide
Concen: 48.421 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

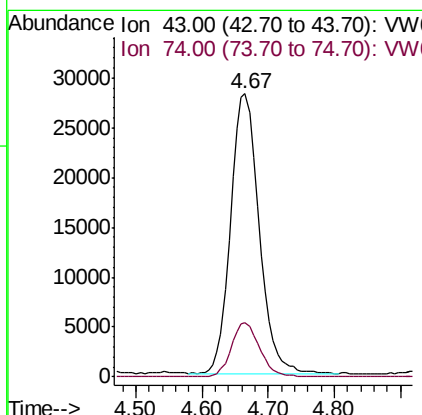
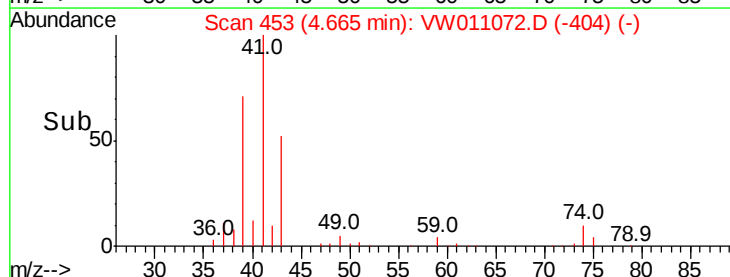
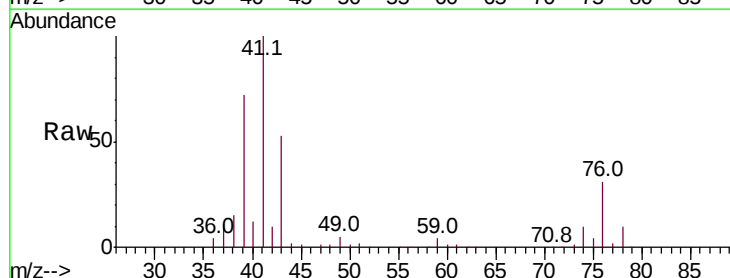
Manual Integrations
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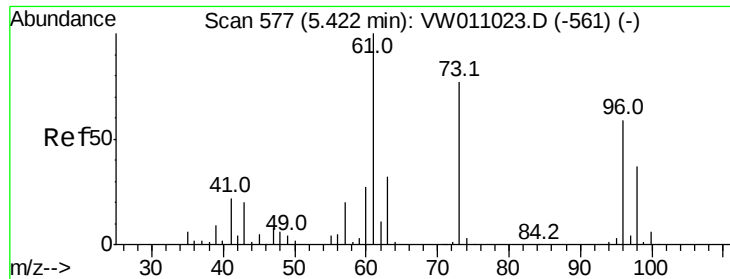
MMDadoda
7/2/2019 12:53:02 AM



#18
Methyl Acetate
Concen: 50.440 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	15.8	23.8





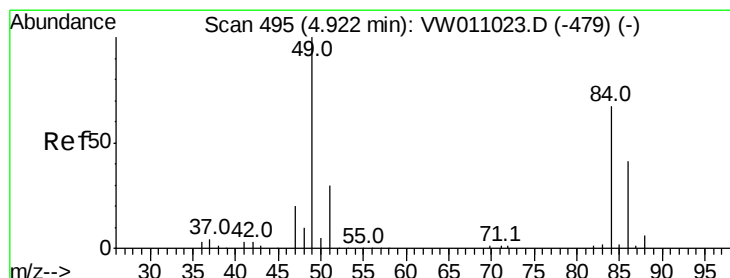
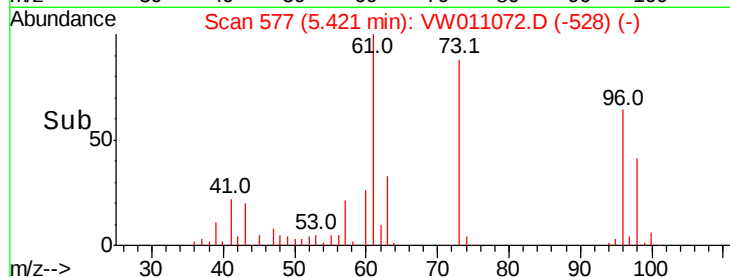
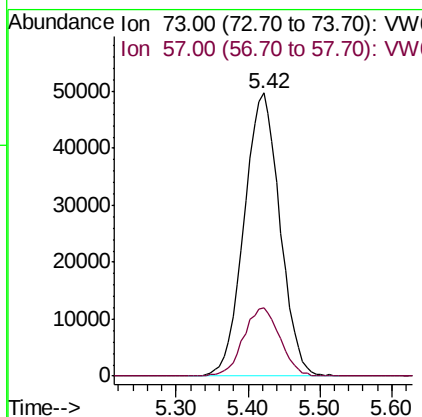
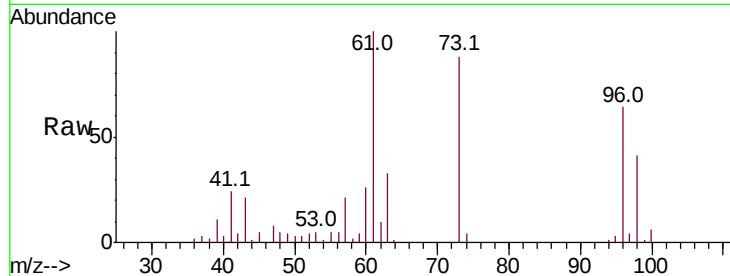
#19
Methvl tert-butvl Ether
Concen: 52.550 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 171527
Ion Ratio Lower Upper
73 100
57 24.0 20.8 31.2

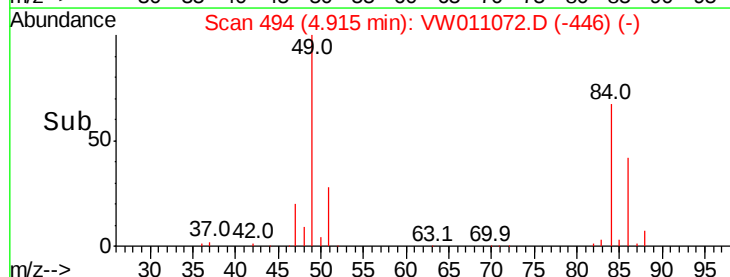
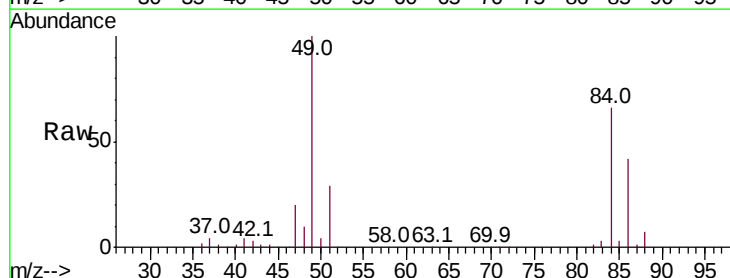
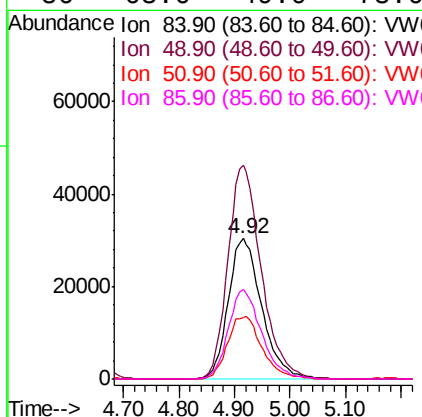
Manual Integrations
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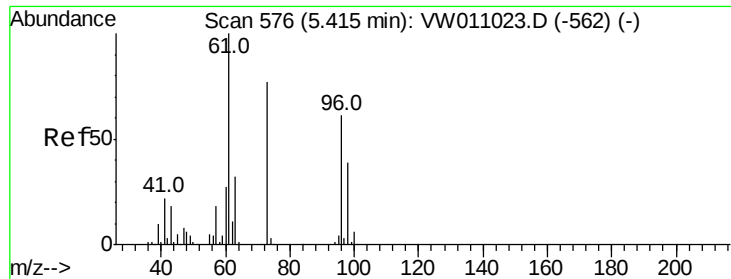
MMDadoda
7/2/2019 12:53:02 AM



#20
Methylene Chloride
Concen: 47.834 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion: 84 Resp: 126343
Ion Ratio Lower Upper
84 100
49 151.7 119.6 179.4
51 43.4 35.6 53.4
86 63.6 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 49.663 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

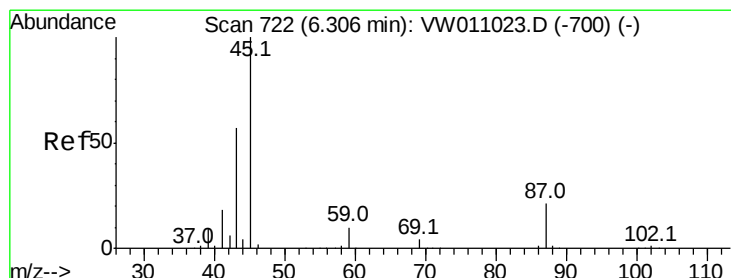
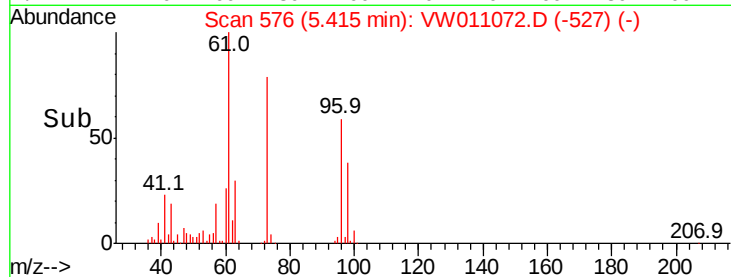
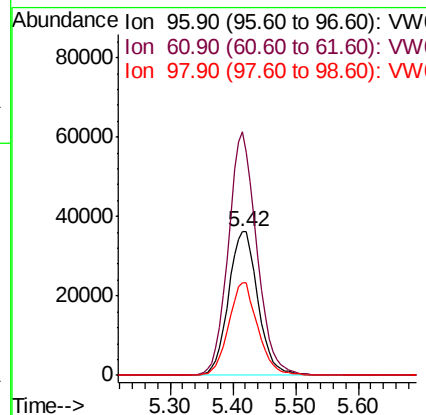
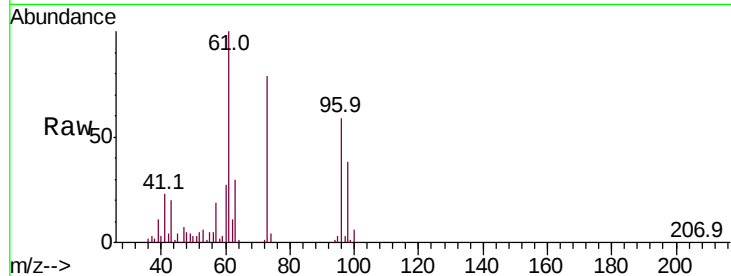
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	118017
Ion Ratio	Lower	Upper	
96	100		
61	169.3	131.0	196.4
98	64.6	50.8	76.2

Manual Integrations
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7/2/2019 12:53:02 AM



#22

Diisopropyl ether

Concen: 52.187 ug/l

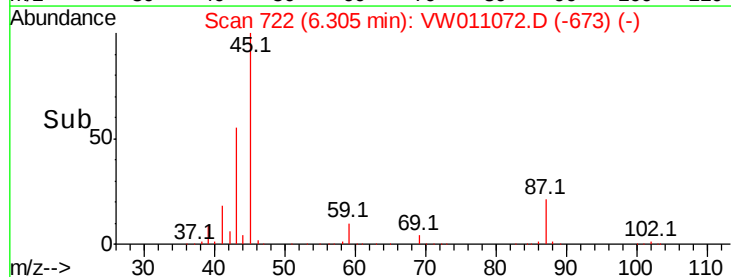
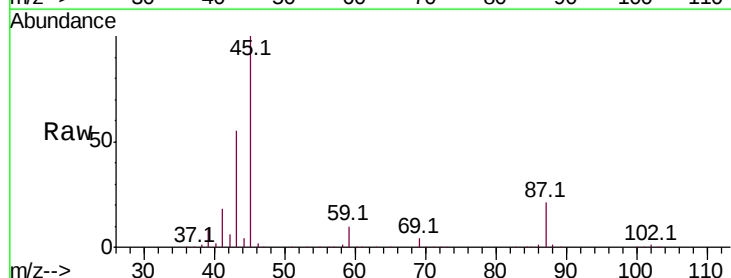
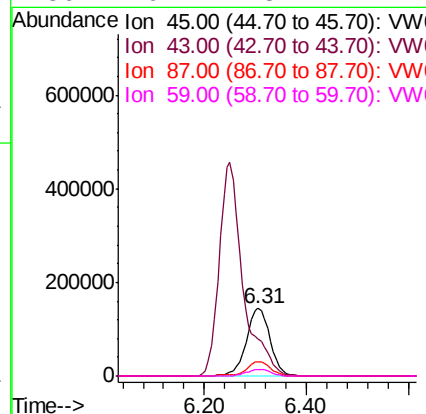
RT: 6.31 min Scan# 722

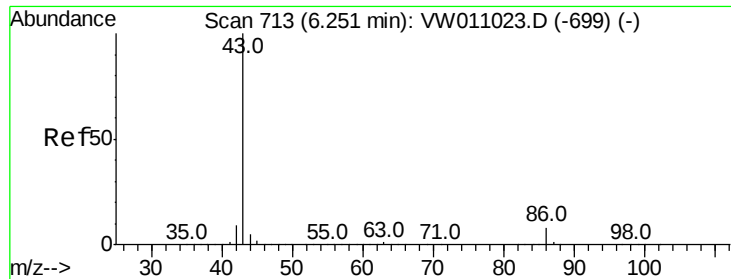
Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion:	45	Resp:	466130
Ion Ratio	Lower	Upper	
45	100		
43	54.5	45.8	68.6
87	20.8	17.1	25.7
59	10.1	8.2	12.4





#23

Vinyl Acetate

Concen: 269.262 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1481871

Ion Ratio Lower Upper

43 100

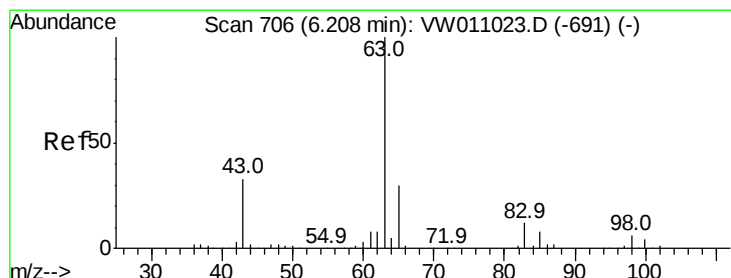
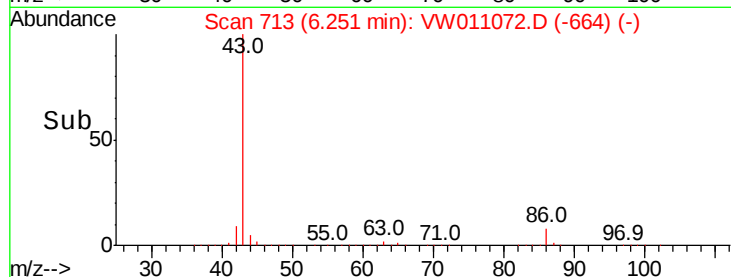
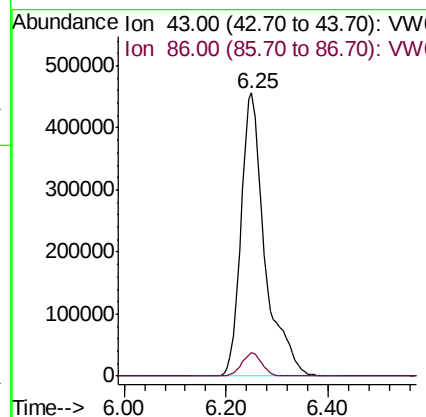
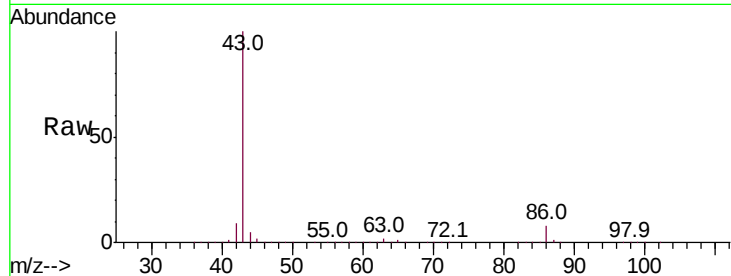
86 8.1 6.6 10.0

Manual Integrations

APPROVED

MMDadoda

7/2/2019 12:53:02 AM



#24

1,1-Dichloroethane

Concen: 50.225 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

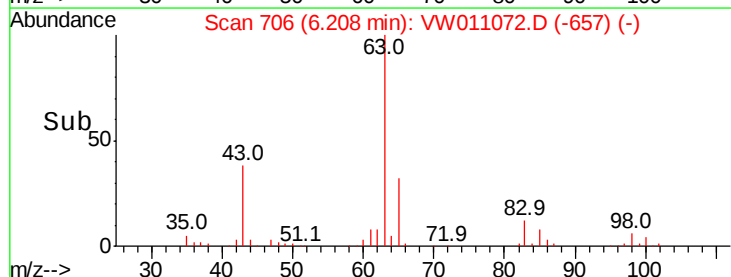
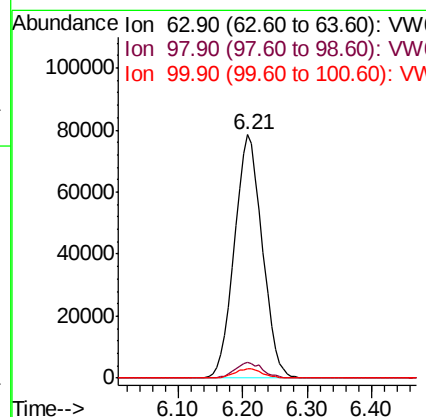
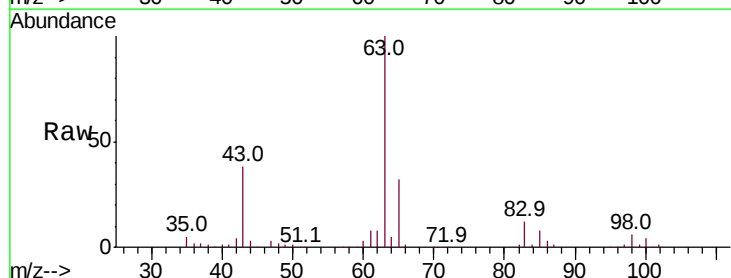
Tgt Ion: 63 Resp: 236796

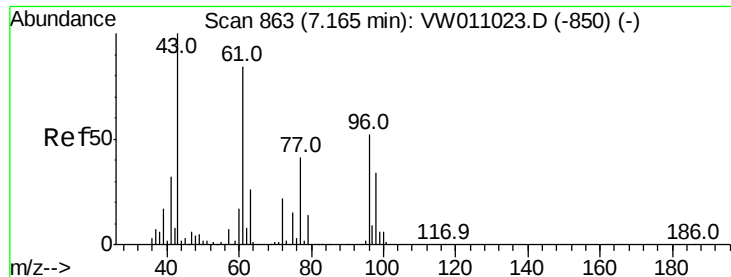
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 3.6 2.1 6.2





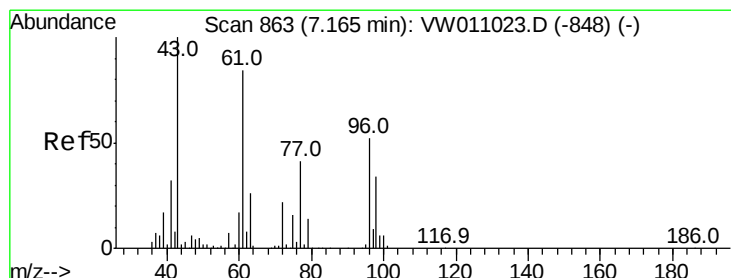
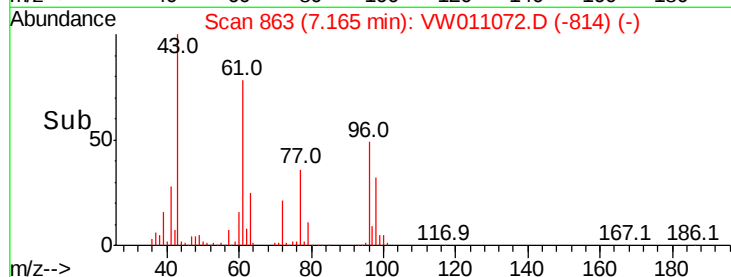
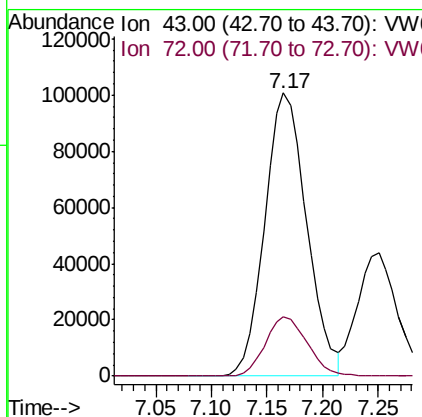
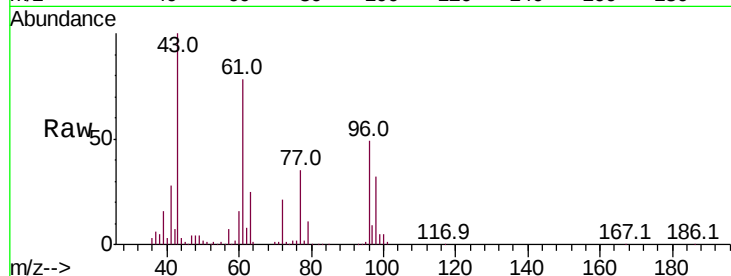
#25
2-Butanone
Concen: 266.858 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 263697
Ion Ratio Lower Upper
43 100
72 20.9 17.2 25.8

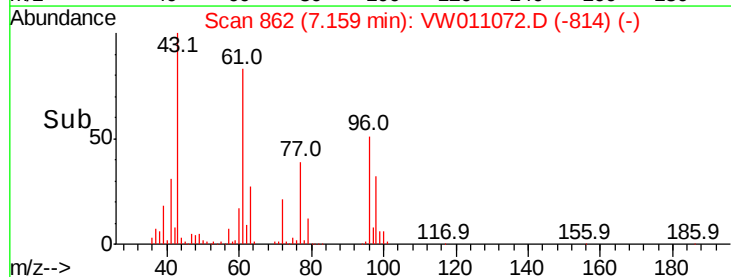
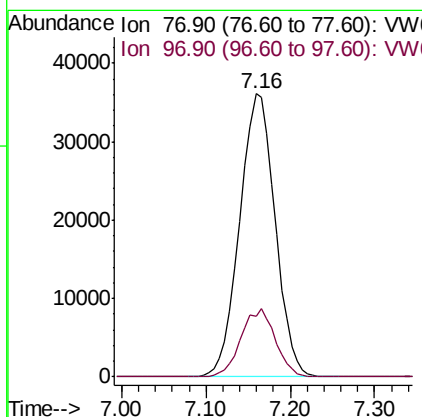
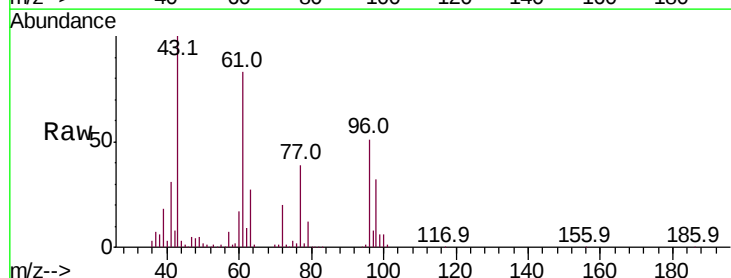
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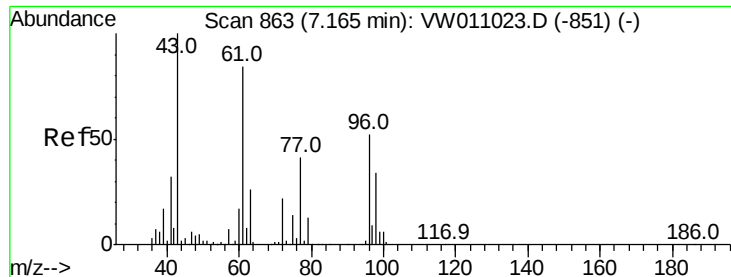
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#26
2,2-Dichloropropane
Concen: 42.065 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion: 77 Resp: 102970
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.7





#27

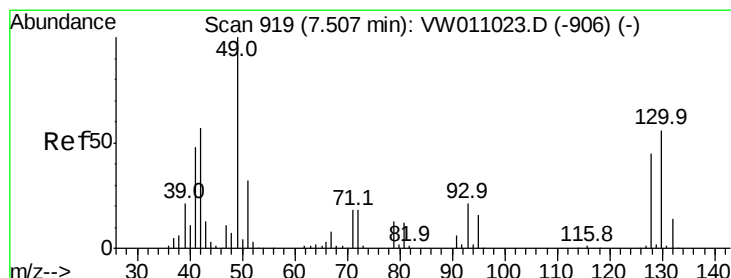
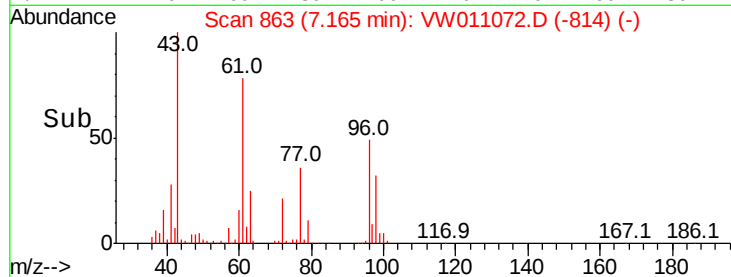
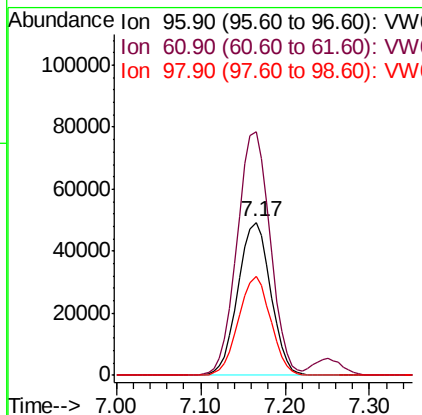
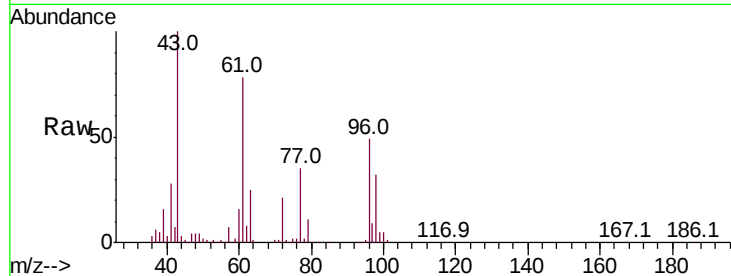
cis-1,2-Dichloroethene
Concen: 50.604 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	161.5	0.0	330.4	
98	64.0	0.0	129.4	

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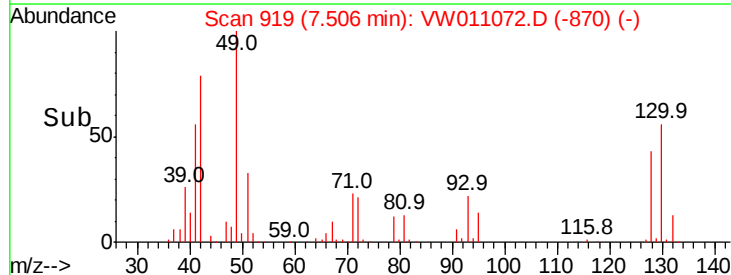
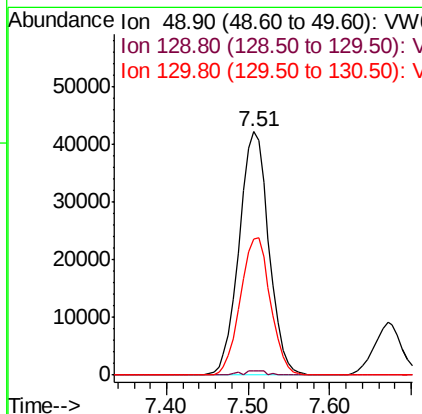
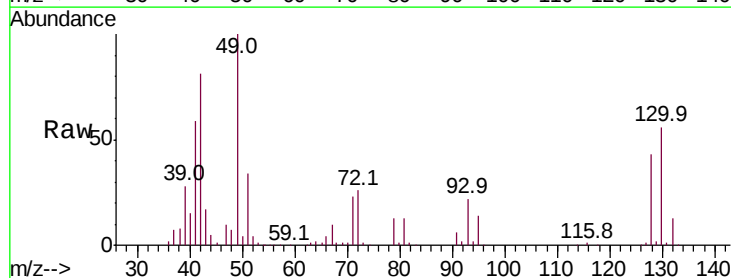
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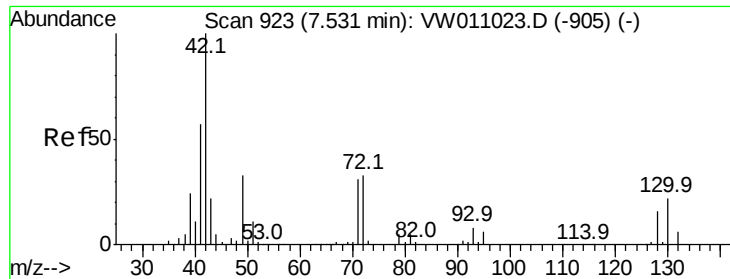


#28

Bromochloromethane
Concen: 48.493 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	3.4	
130	57.3	46.1	69.1	





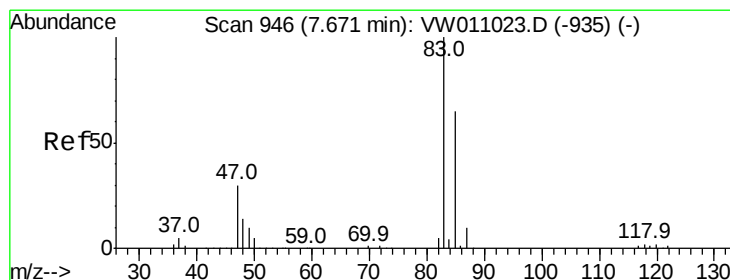
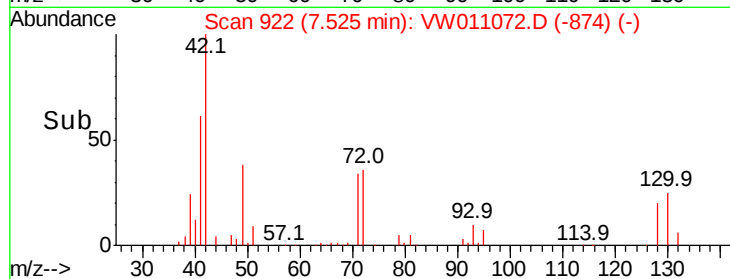
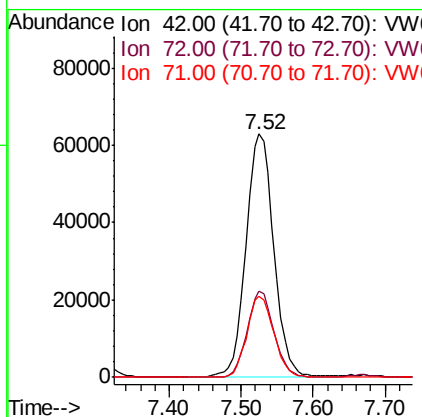
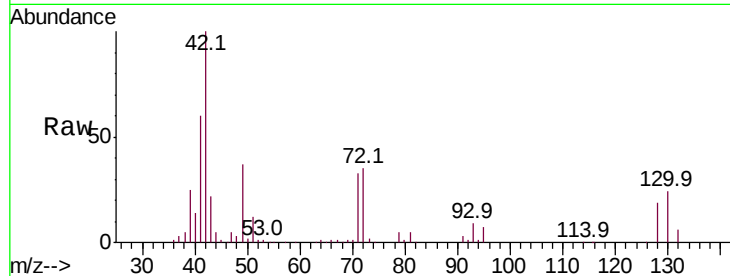
#29
Tetrahydrofuran
Concen: 273.425 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	168193
Ion Ratio		Lower	Upper
42	100		
72	34.2	27.4	41.0
71	32.4	25.6	38.4

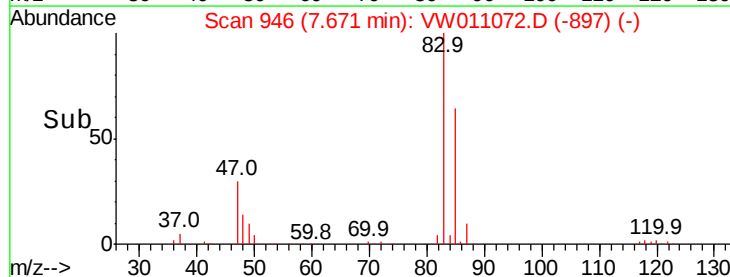
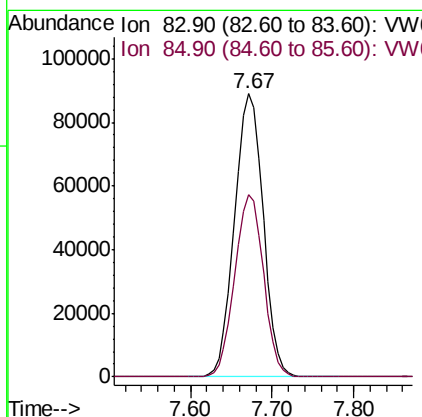
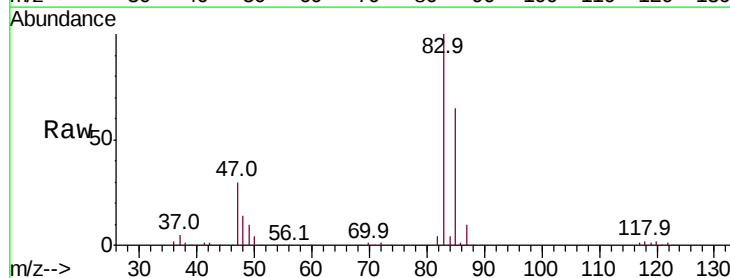
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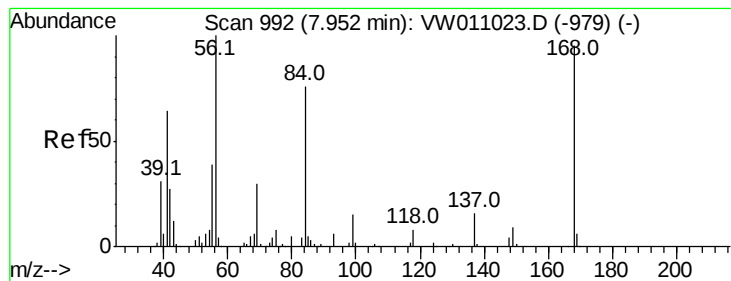
MMDadoda
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#30
Chloroform
Concen: 50.552 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion:	83	Resp:	216529
Ion Ratio		Lower	Upper
83	100		
85	64.6	52.2	78.4





#31

Cyclohexane

Concen: 46.184 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 235278

Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.2

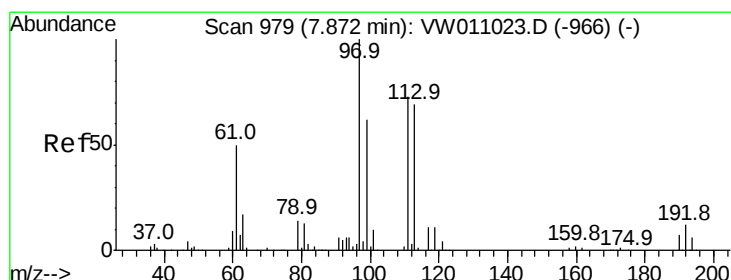
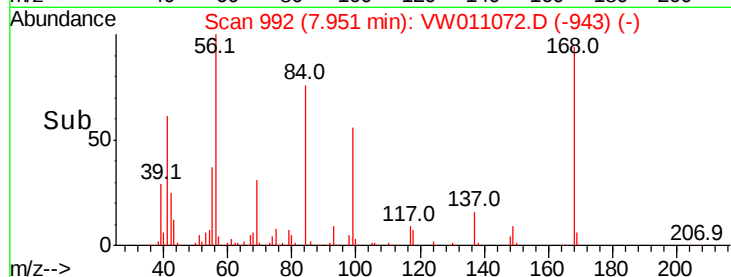
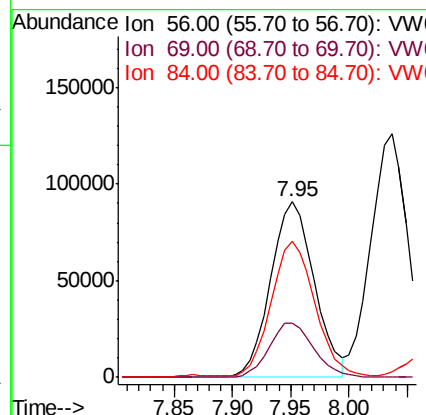
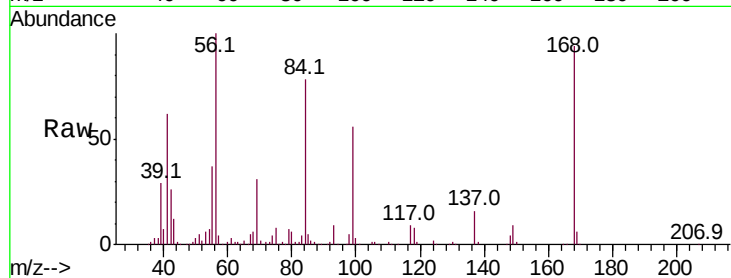
84 76.3 60.6 90.8

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#32

1,1,1-Trichloroethane

Concen: 49.586 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

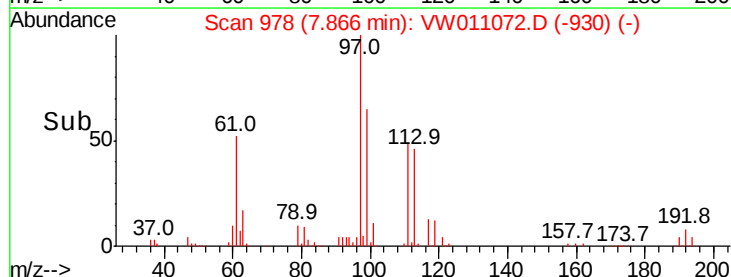
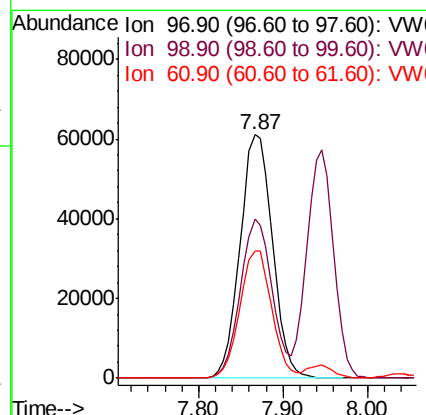
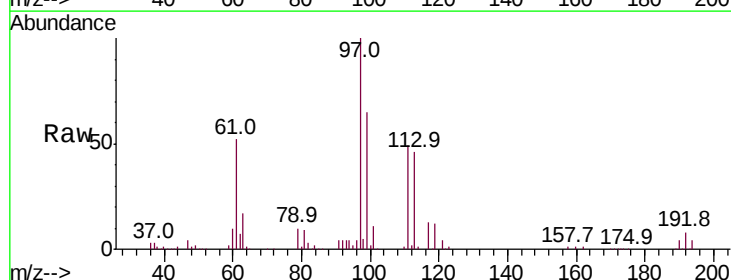
Tgt Ion: 97 Resp: 158709

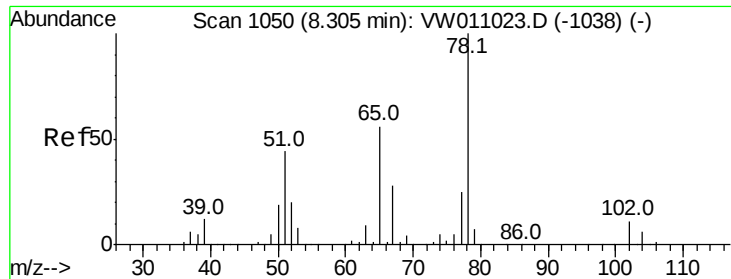
Ion Ratio Lower Upper

97 100

99 64.6 51.1 76.7

61 51.3 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 52.187 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 138986

Ion Ratio Lower Upper

65 100

67 51.1

0.0

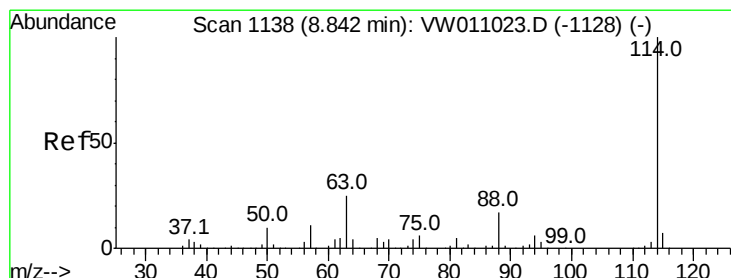
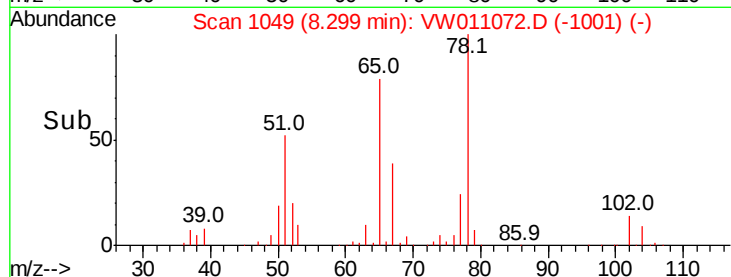
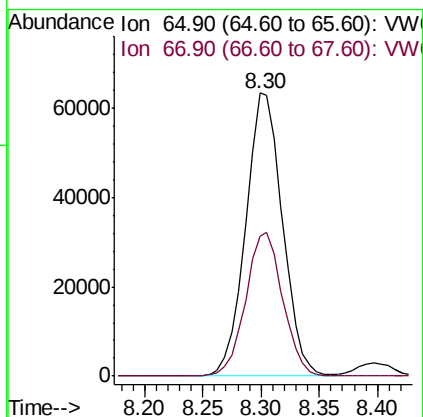
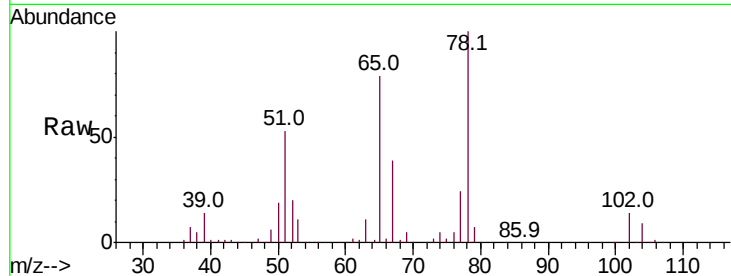
102.4

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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: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion: 114 Resp: 339235

Ion Ratio Lower Upper

114 100

63 24.6

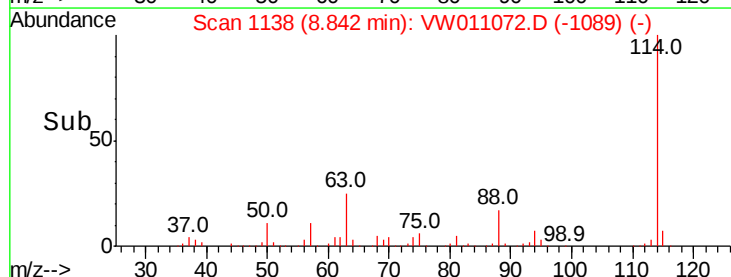
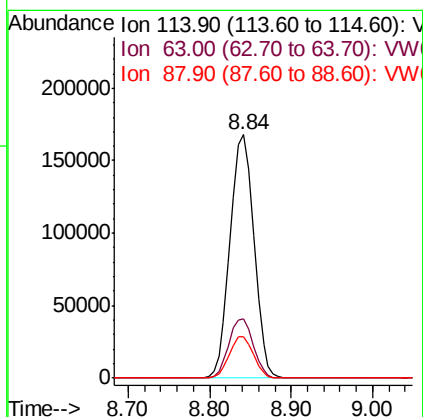
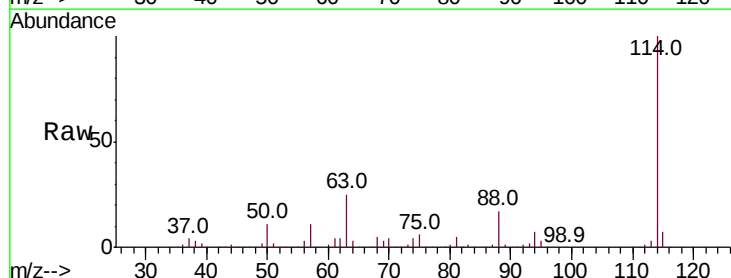
0.0

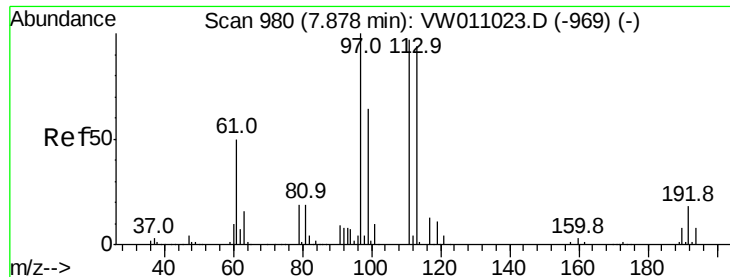
50.6

88 16.9

0.0

34.0





#35

Dibromofluoromethane

Concen: 51.059 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

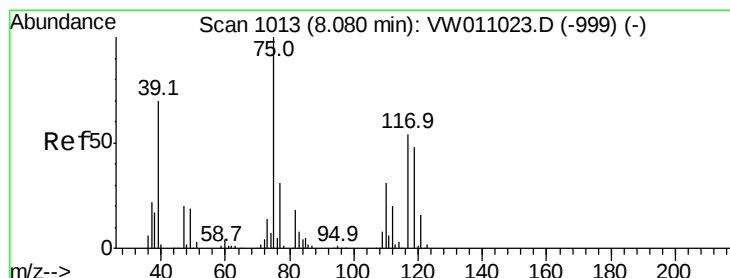
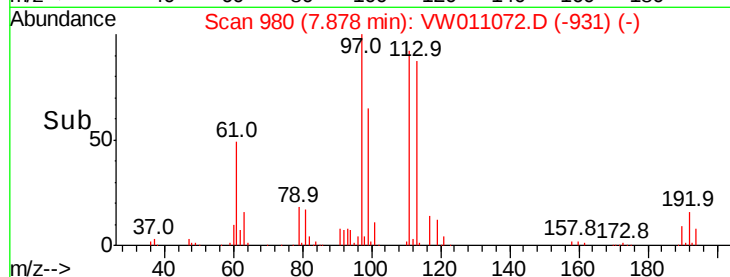
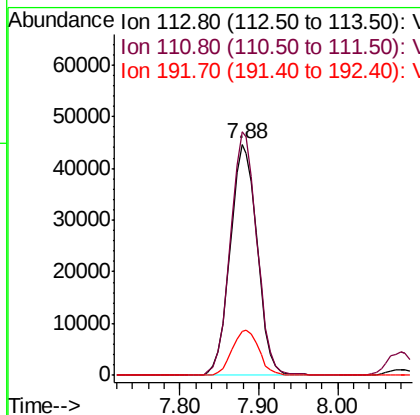
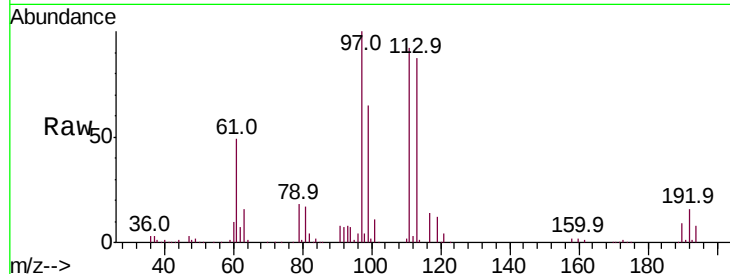
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	105769
Ion Ratio	Lower	Upper	
113	100		
111	104.0	83.8	125.6
192	19.6	16.0	24.0

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#36

1,1-Dichloropropene

Concen: 48.614 ug/l

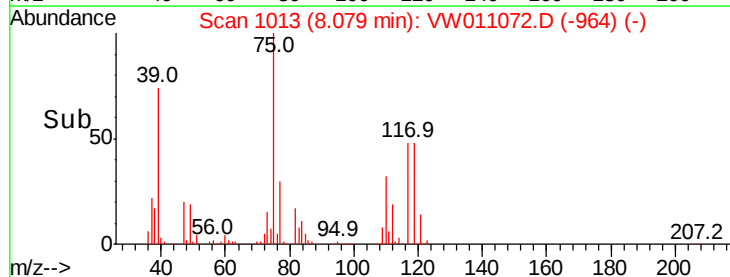
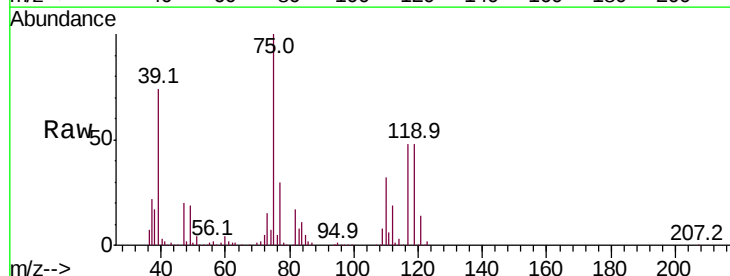
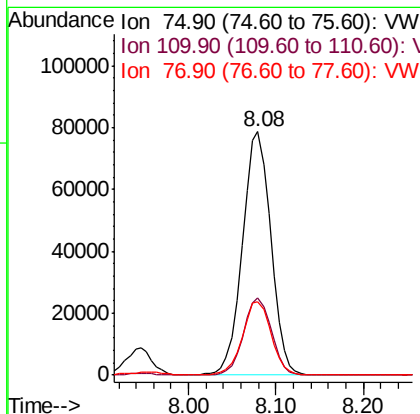
RT: 8.08 min Scan# 1013

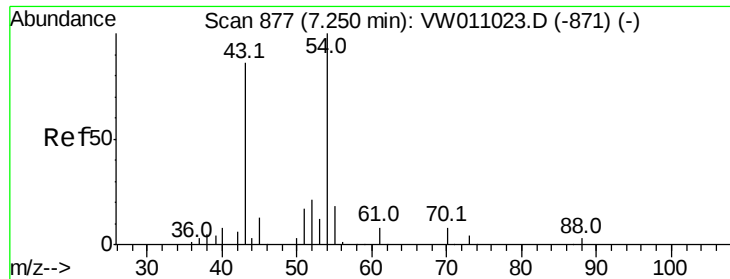
Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion:	75	Resp:	177256
Ion Ratio	Lower	Upper	
75	100		
110	31.2	15.5	46.5
77	30.7	24.9	37.3





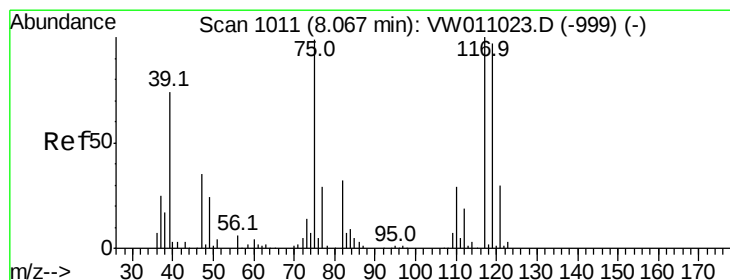
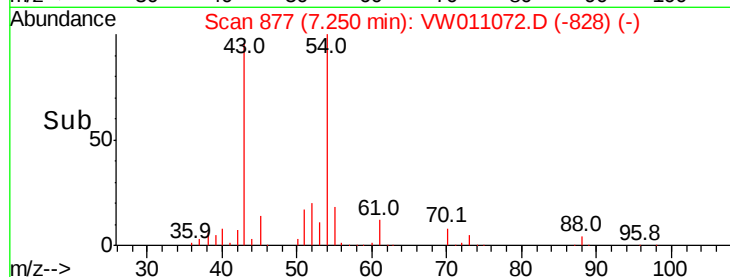
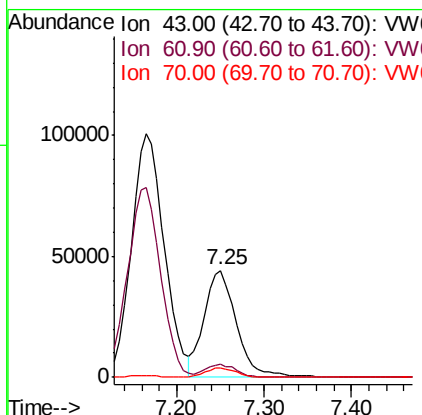
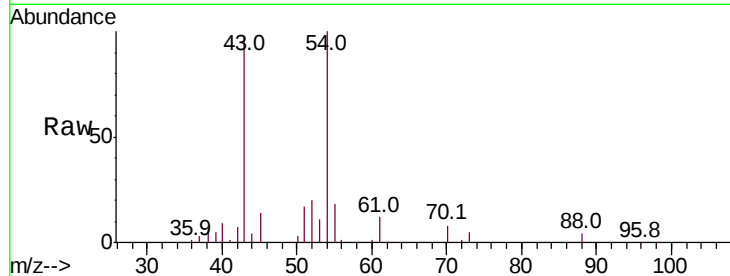
#37
Ethyl Acetate
Concen: 52.779 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.0	13.4
70	8.4	7.2	10.8

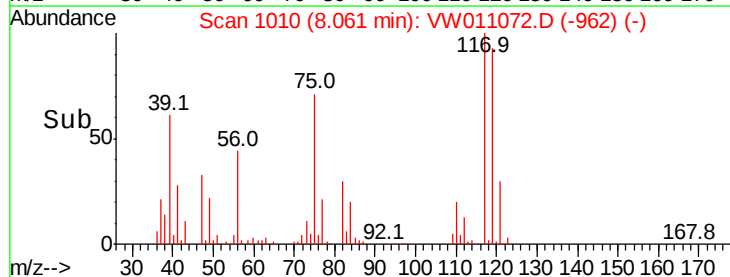
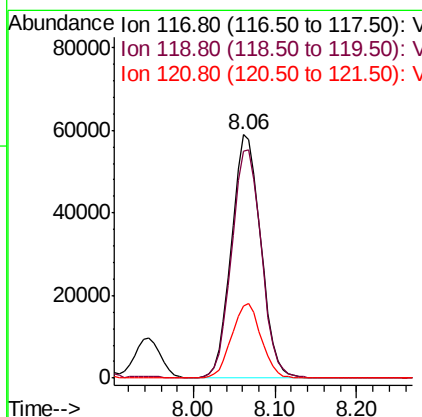
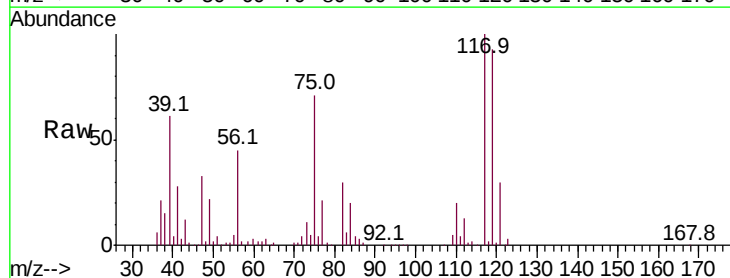
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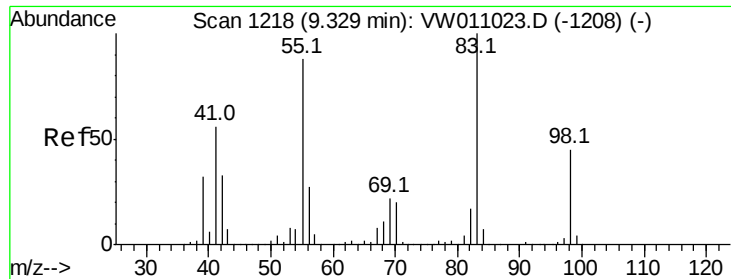
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#38
Carbon Tetrachloride
Concen: 48.710 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.7	116.5
121	29.6	23.9	35.9





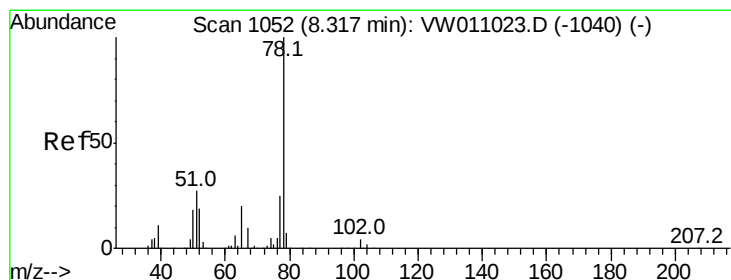
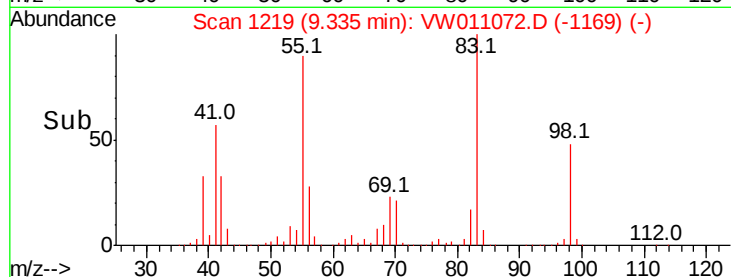
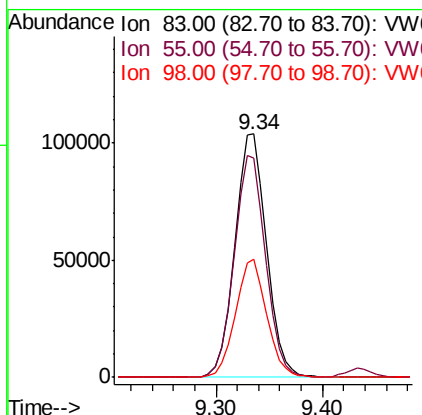
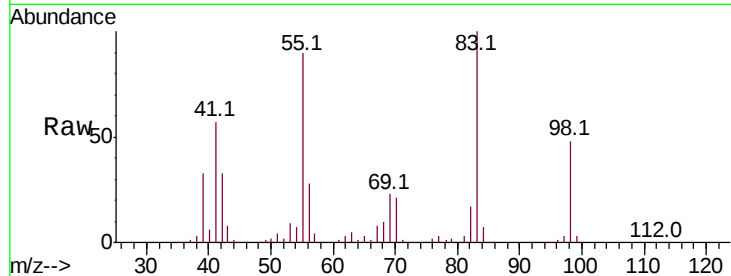
#39
Methvlcvclohexane
Concen: 48.366 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.1	70.7	106.1
98	48.4	36.4	54.6

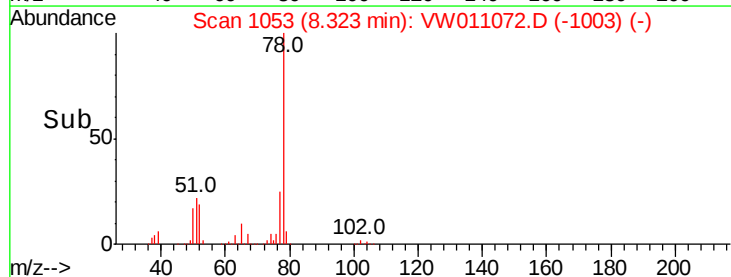
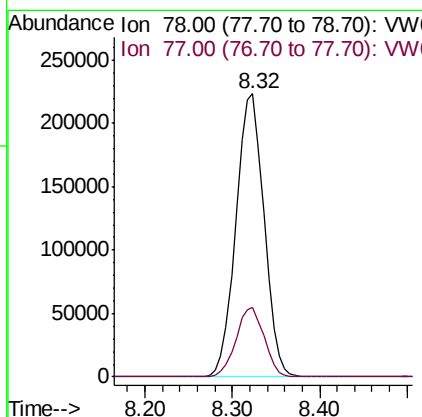
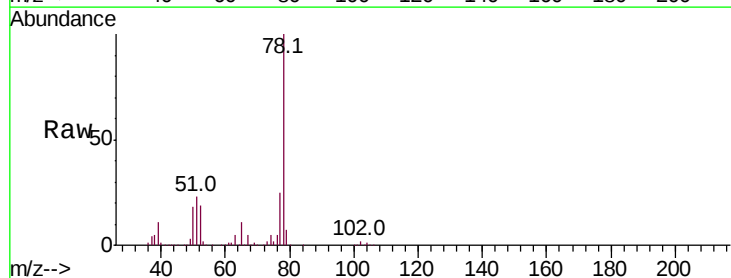
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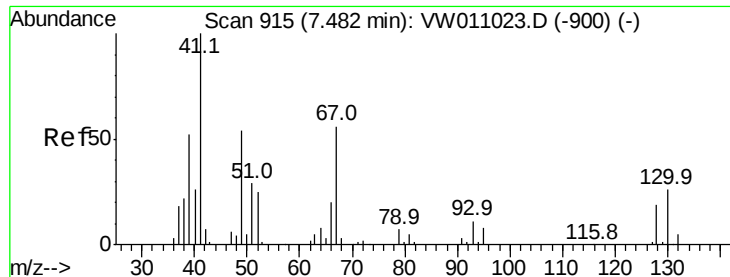
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#40
Benzene
Concen: 49.866 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.7	29.5





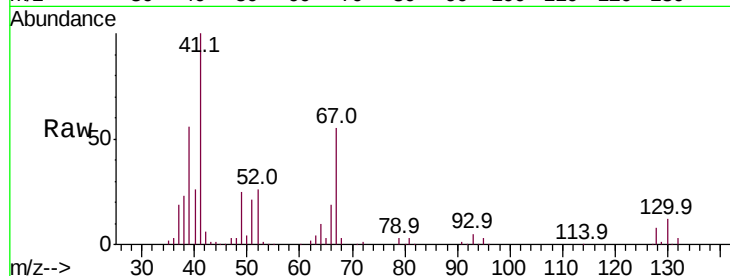
#41
Methacrylonitrile
Concen: 54.369 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.1	63.1
67	54.2	44.2	66.2
52	26.4	21.0	31.6

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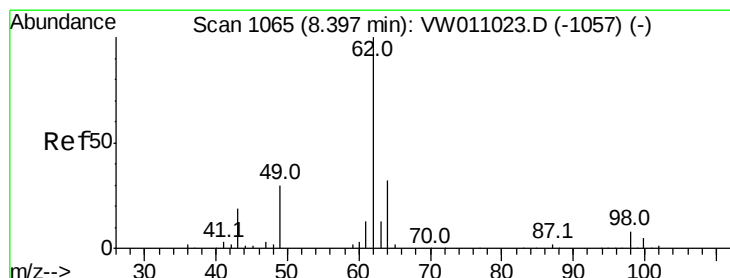
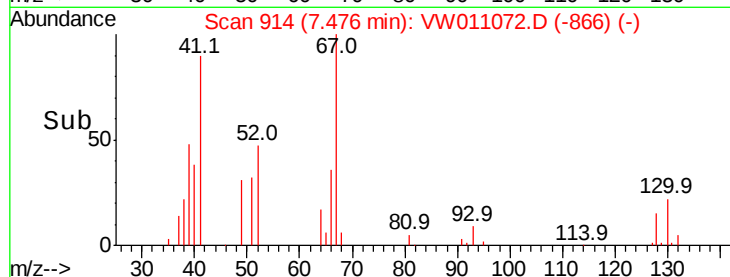
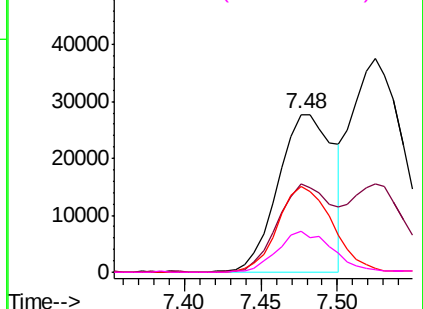
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

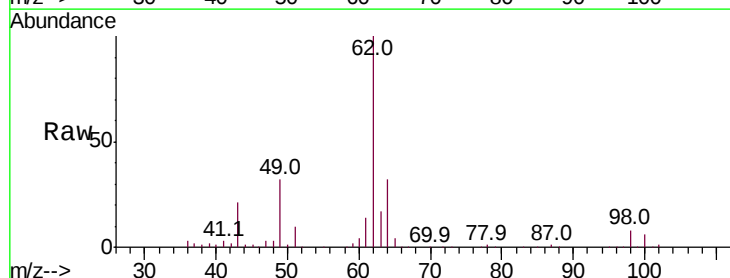
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 51.105 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

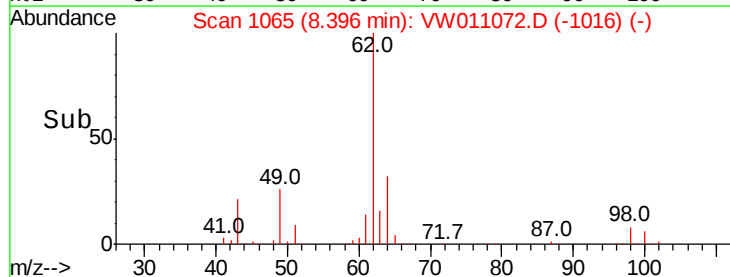
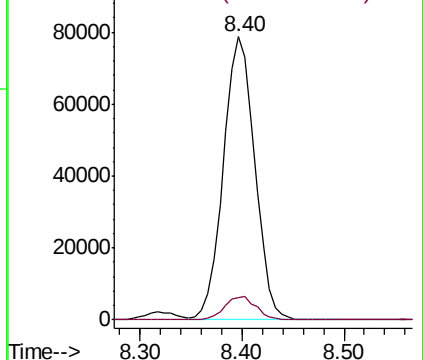
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8

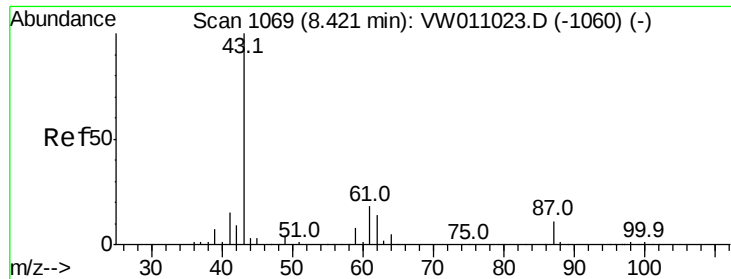


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 53.389 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

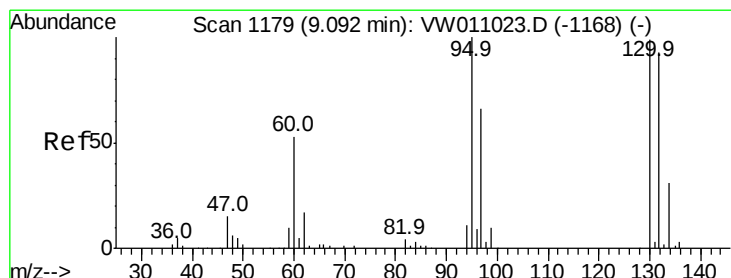
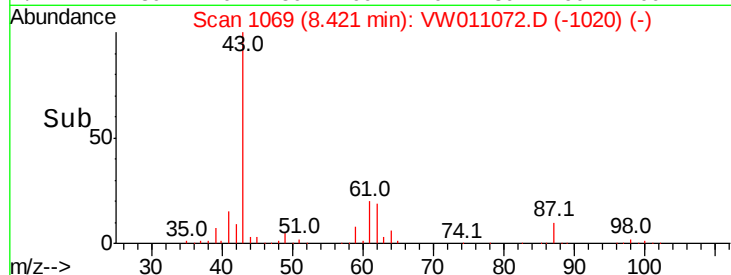
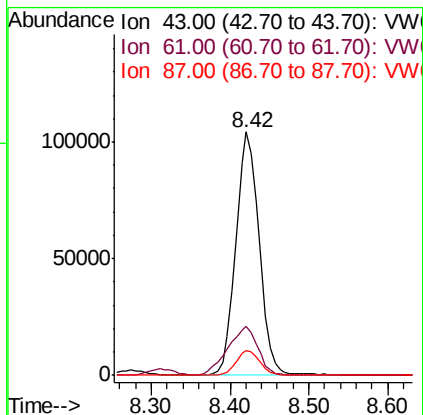
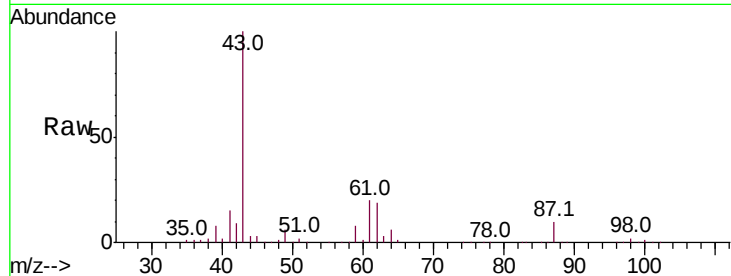
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	214231
Ion	Ratio	Lower	Upper
43	100		
61	26.0	21.0	31.6
87	10.3	8.2	12.4

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#44

Trichloroethene

Concen: 49.416 ug/l

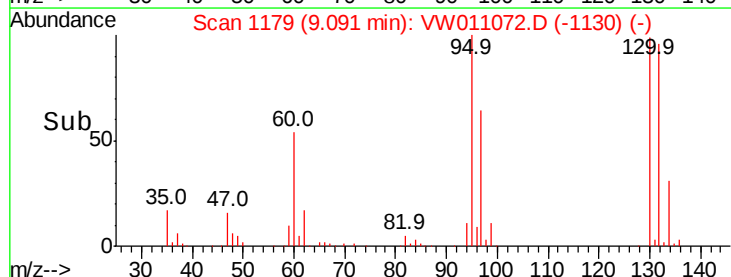
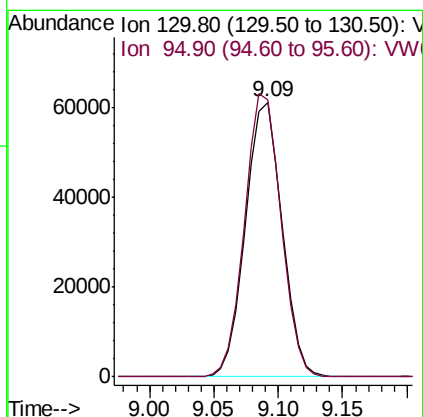
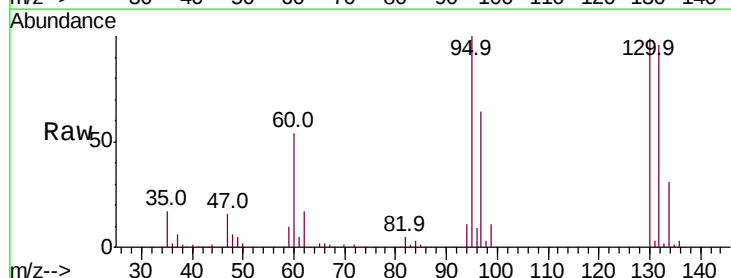
RT: 9.09 min Scan# 1179

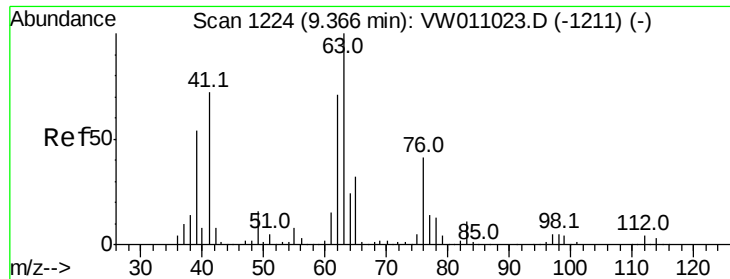
Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion:	130	Resp:	119768
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	202.0





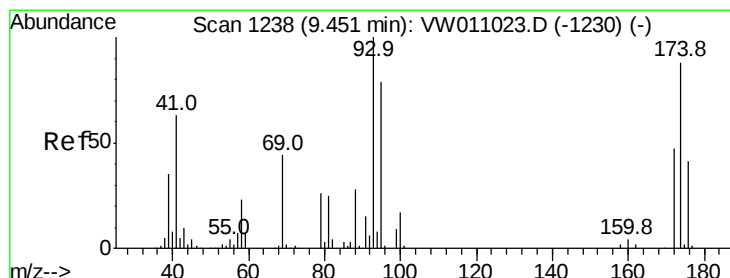
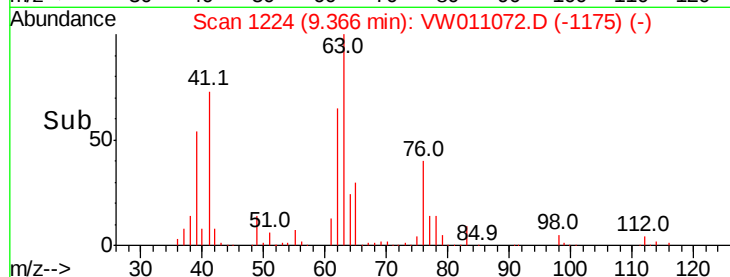
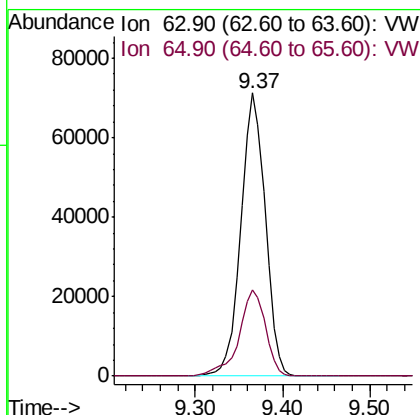
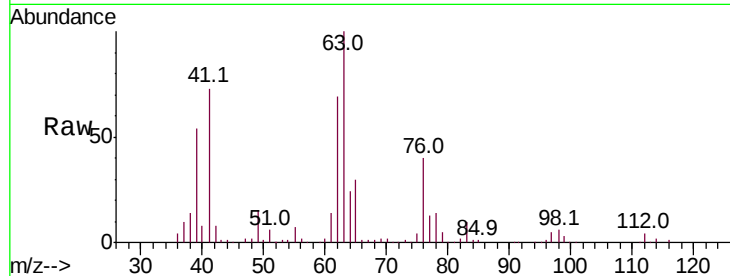
#45
 1,2-Dichloropropane
 Concen: 50.783 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.6	38.4

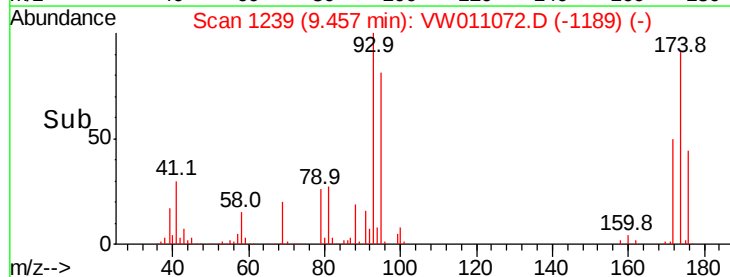
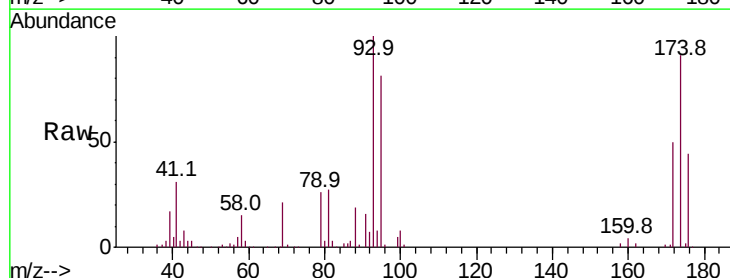
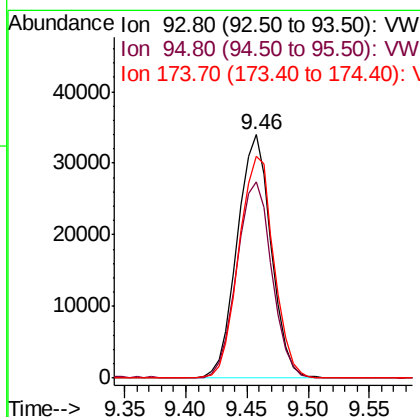
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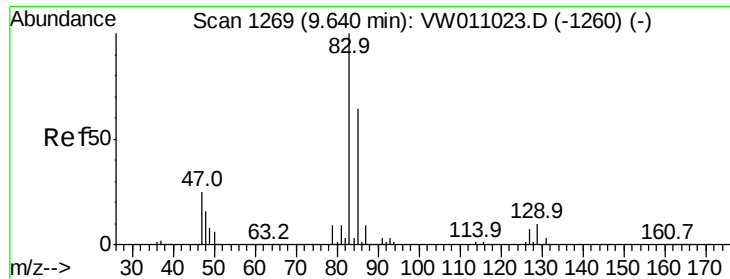
MMDadoda
 7/2/2019 12:53:02 AM



#46
 Dibromomethane
 Concen: 51.334 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.8	98.6
174	93.9	75.4	113.0





#47

Bromodichloromethane

Concen: 51.959 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

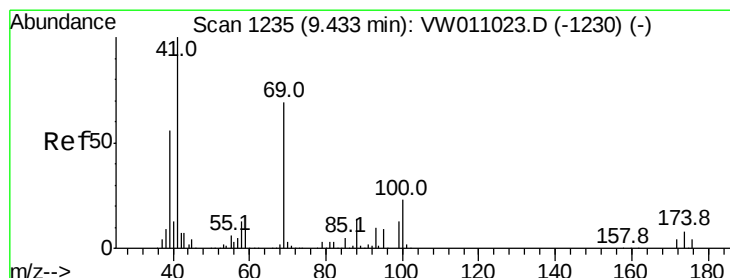
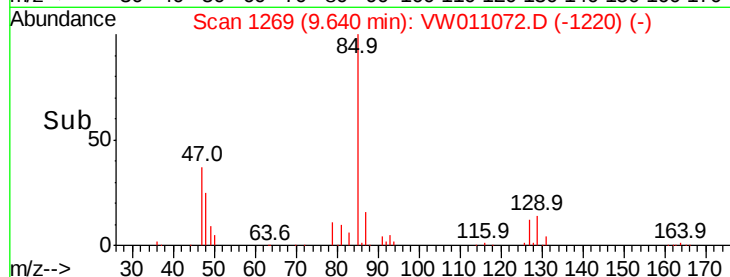
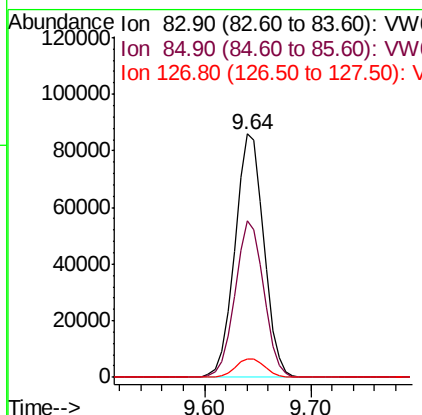
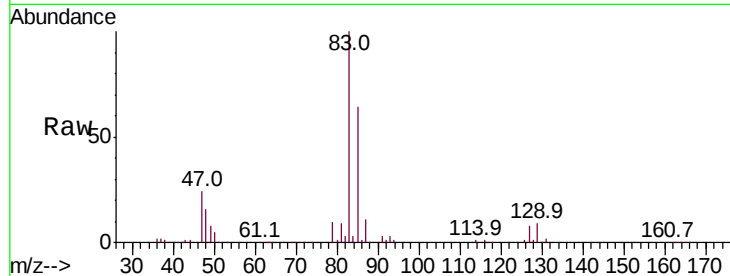
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	163847
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.0	76.4
127	7.5	5.8	8.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.150 ug/l

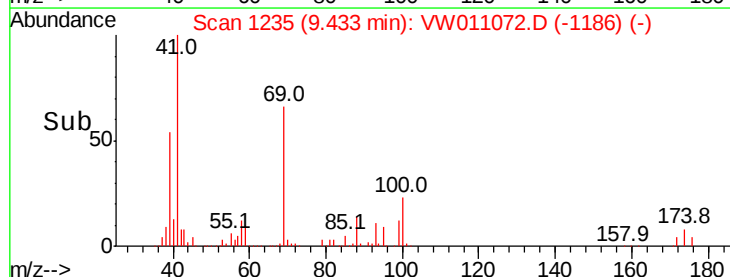
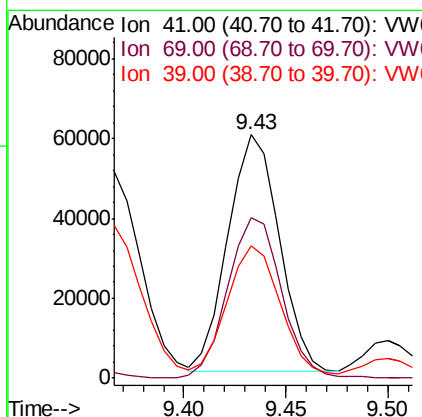
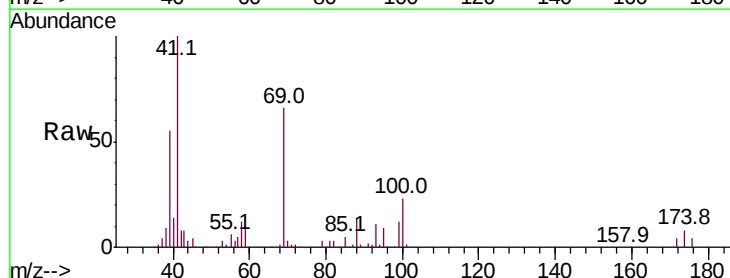
RT: 9.43 min Scan# 1235

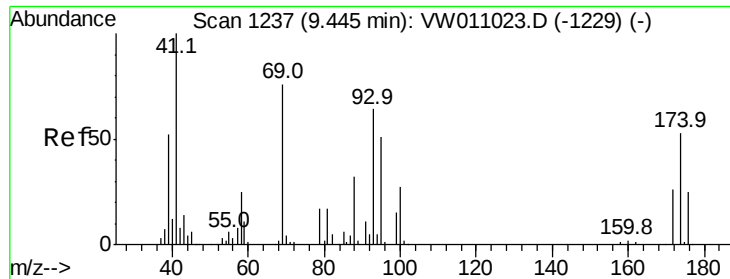
Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion:	41	Resp:	103410
Ion Ratio	Lower	Upper	
41	100		
69	71.5	56.7	85.1
39	54.7	45.0	67.6





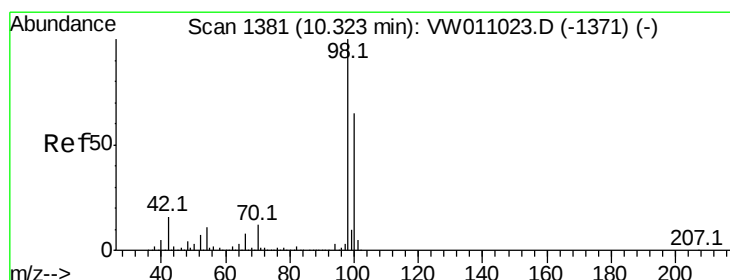
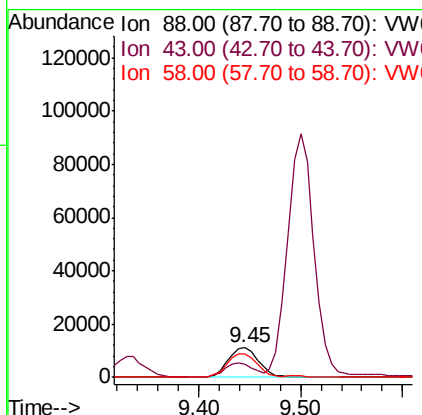
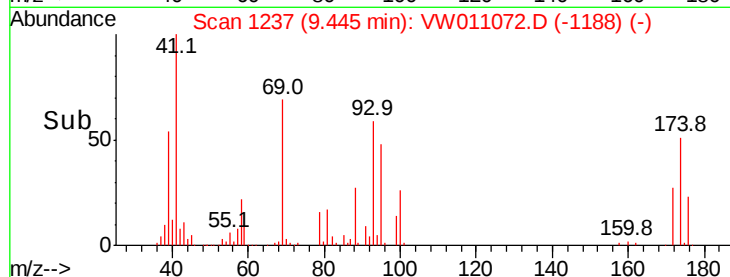
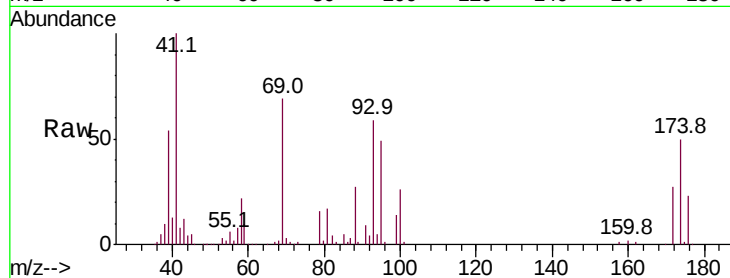
#49
1,4-Dioxane
Concen: 1082.090 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	23173
Ion	Ratio	Lower	Upper
88	100		
43	44.1	34.4	51.6
58	80.2	65.2	97.8

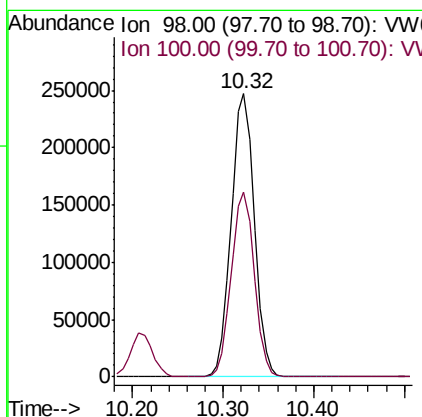
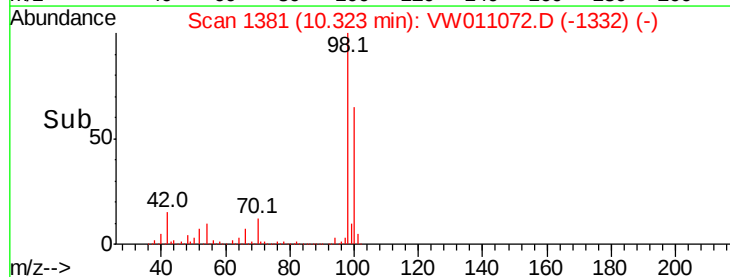
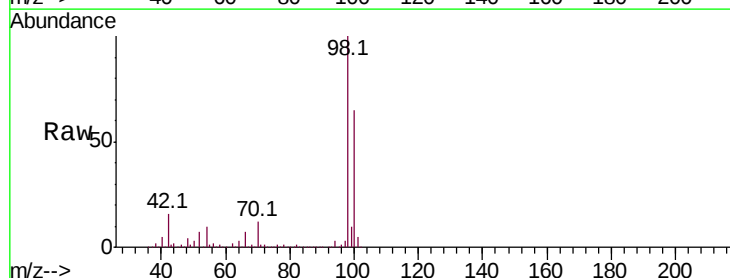
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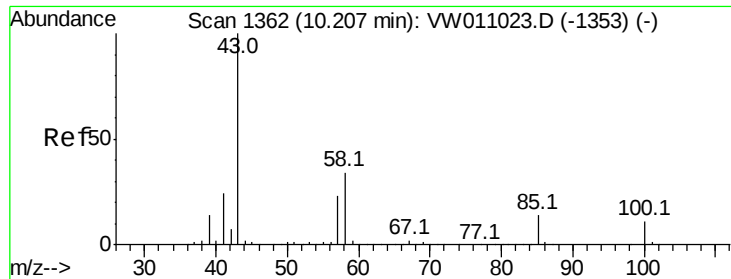
MMDadoda
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#50
Toluene-d8
Concen: 51.320 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	98	Resp	437600
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 271.129 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 572682

Ion Ratio Lower Upper

43 100

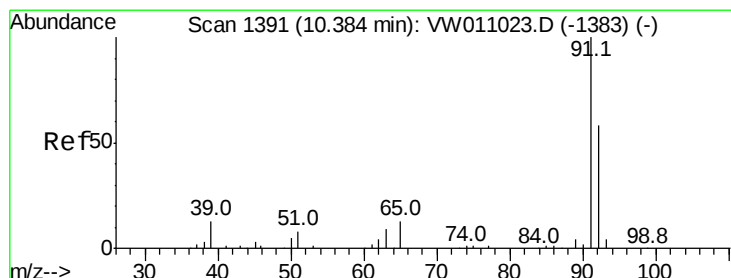
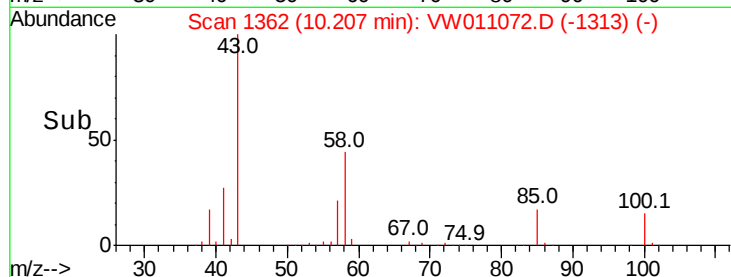
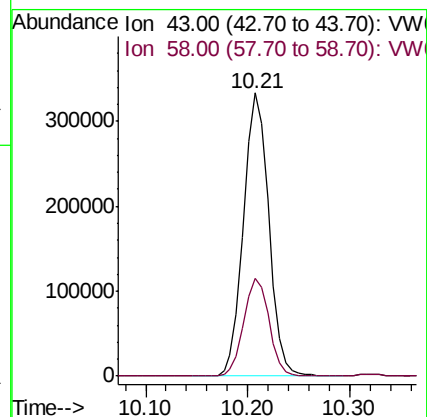
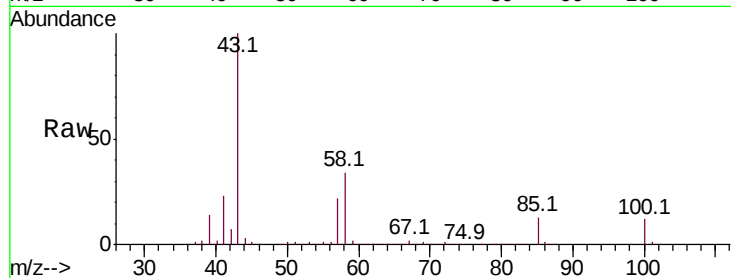
58 34.7 27.8 41.6

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#52

Toluene

Concen: 50.182 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011072.D

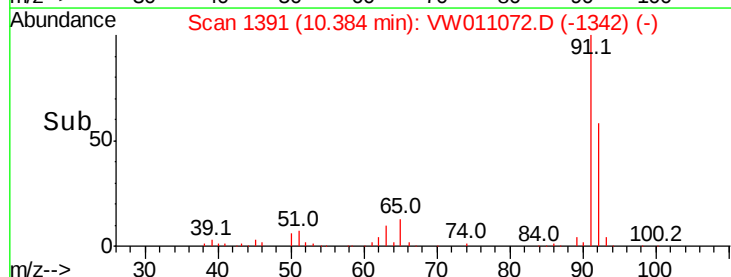
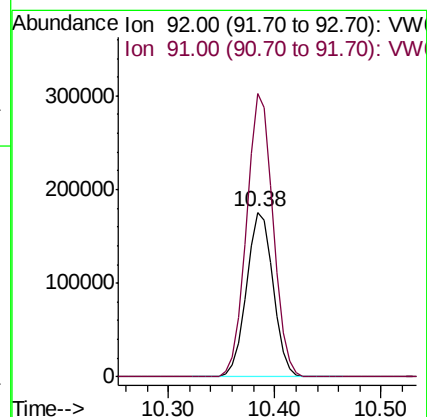
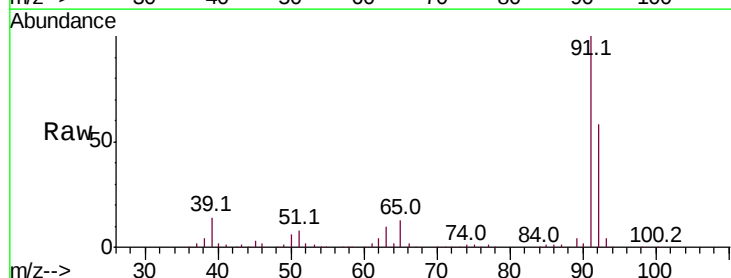
Acq: 28 Jun 2019 20:29

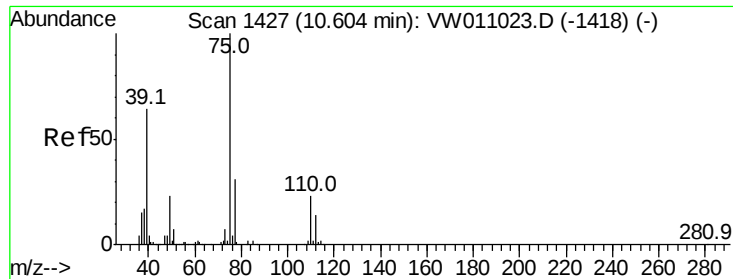
Tgt Ion: 92 Resp: 308109

Ion Ratio Lower Upper

92 100

91 171.9 136.9 205.3





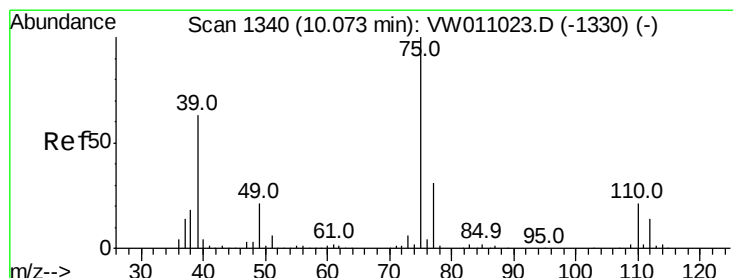
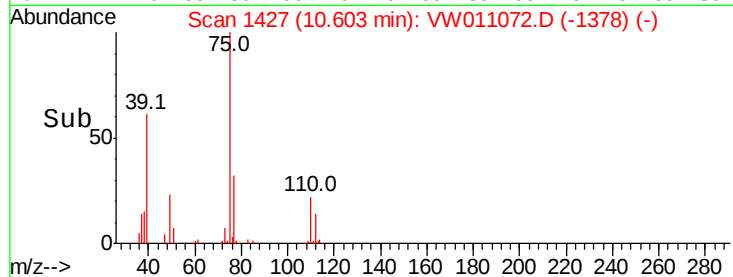
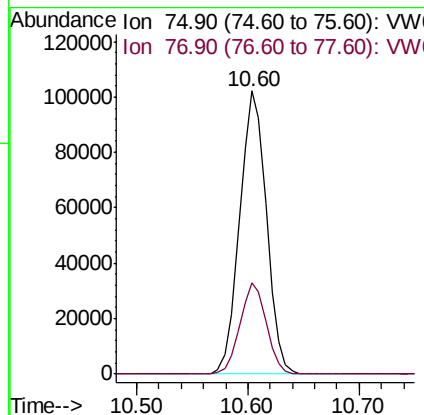
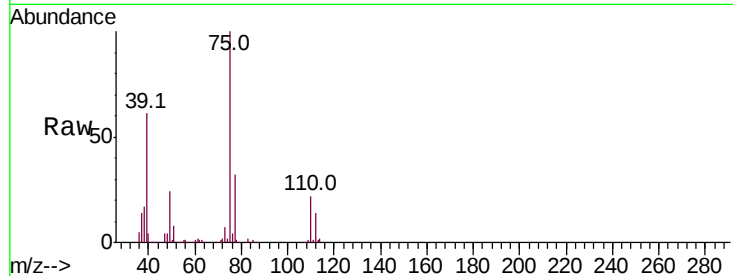
#53
t-1,3-Dichloropropene
Concen: 51.707 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 75 Resp: 169833
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0

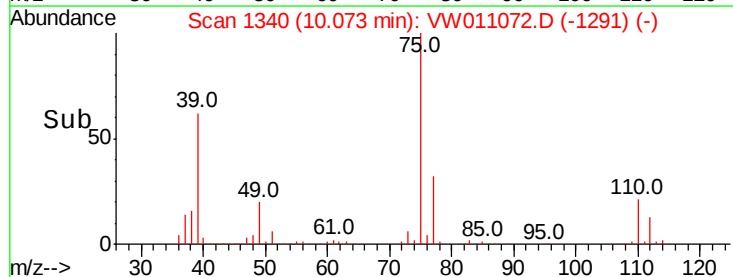
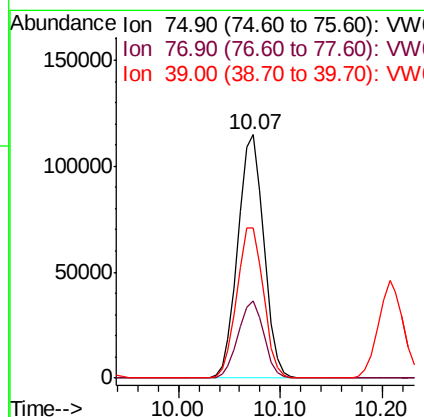
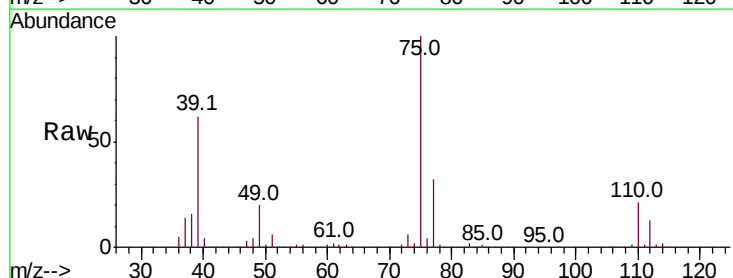
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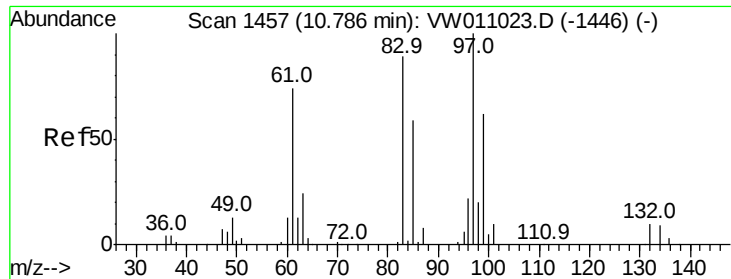
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.546 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion: 75 Resp: 201963
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 61.6 50.0 75.0





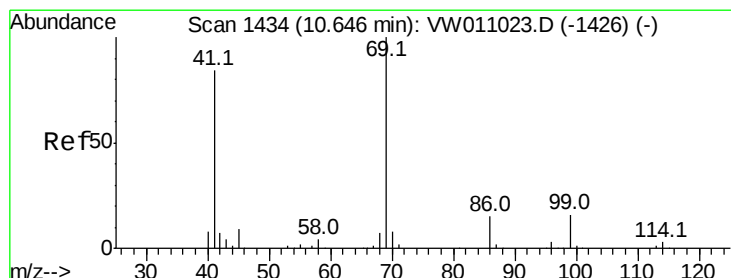
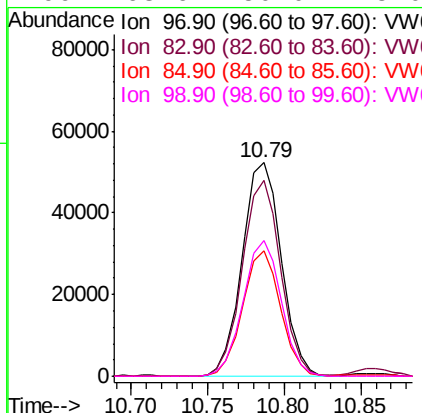
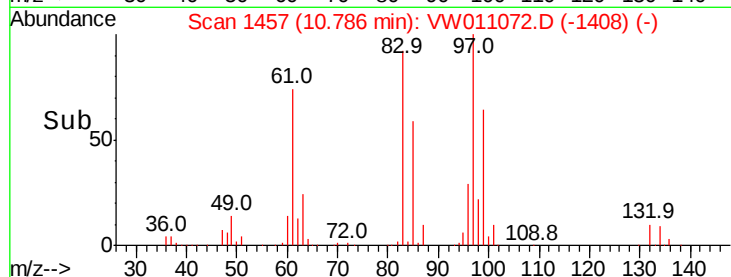
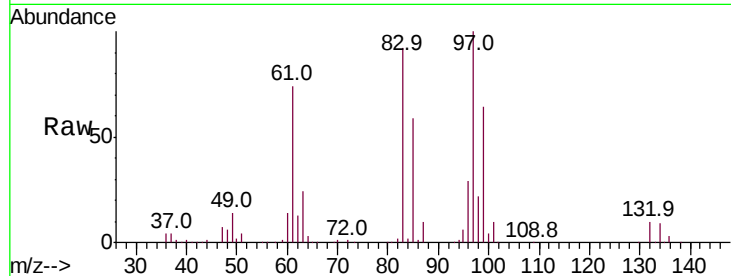
#55
 1,1,2-Trichloroethane
 Concen: 51.773 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp:	93163
Ion	Ratio	Lower	Upper
97	100		
83	91.9	70.9	106.3
85	58.9	47.2	70.8
99	63.6	50.0	75.0

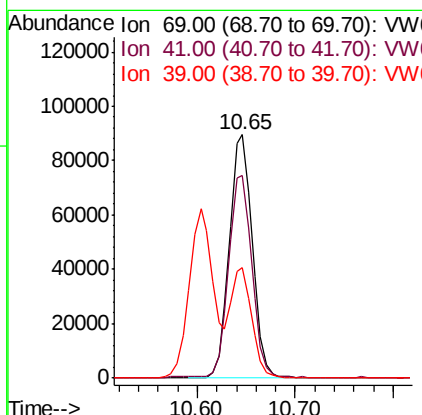
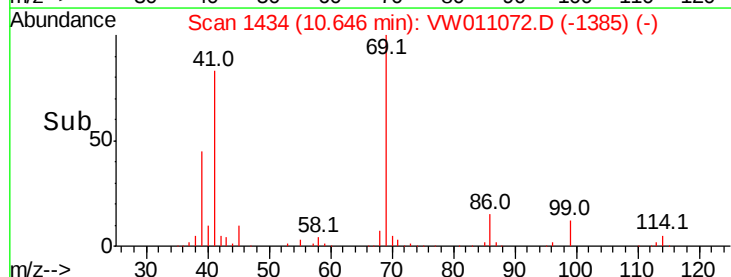
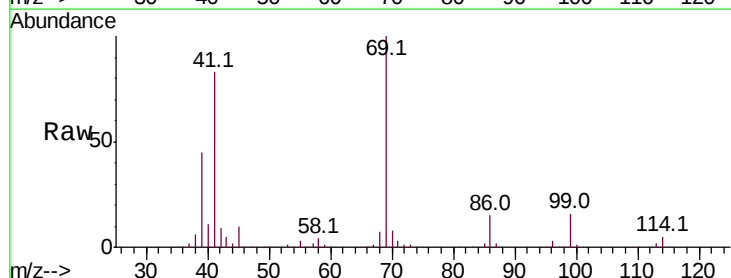
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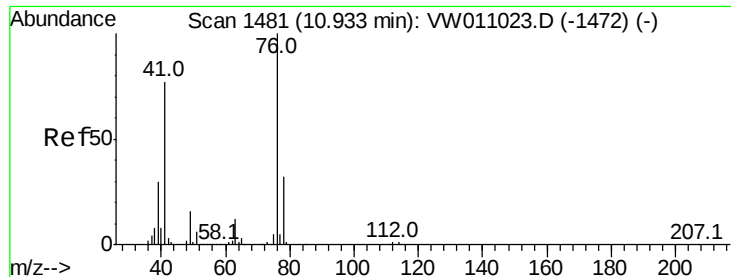
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#56
 Ethyl methacrylate
 Concen: 54.180 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Tgt Ion	69	Resp:	145994
Ion	Ratio	Lower	Upper
69	100		
41	83.7	67.9	101.9
39	40.2	33.2	49.8





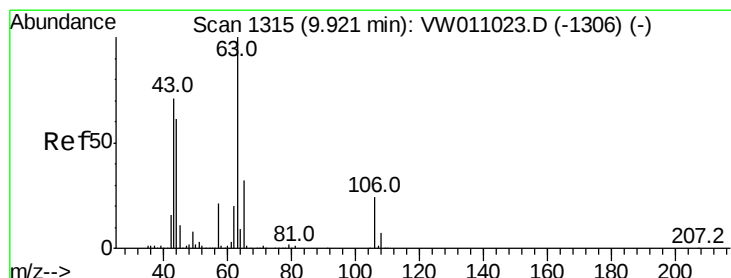
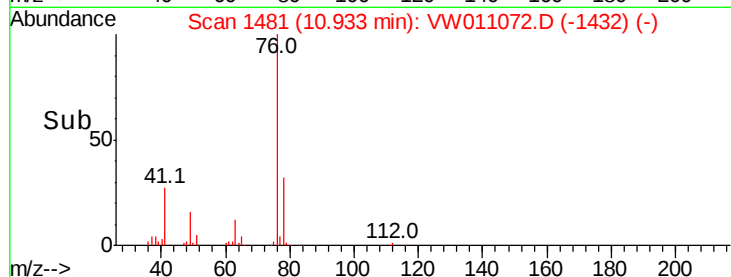
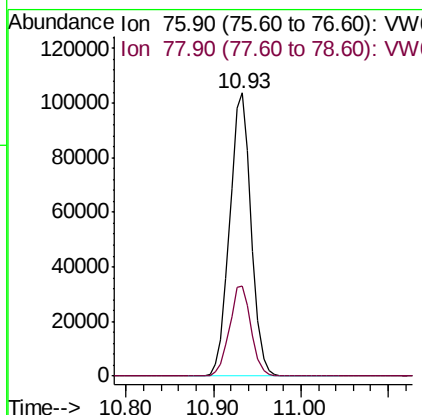
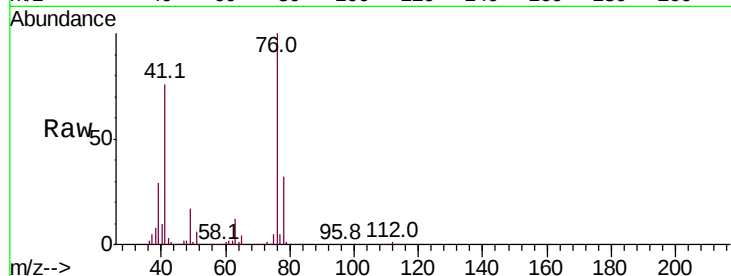
#57
 1,3-Dichloropropane
 Concen: 51.648 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

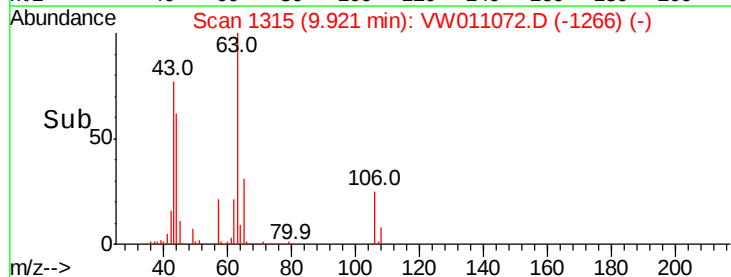
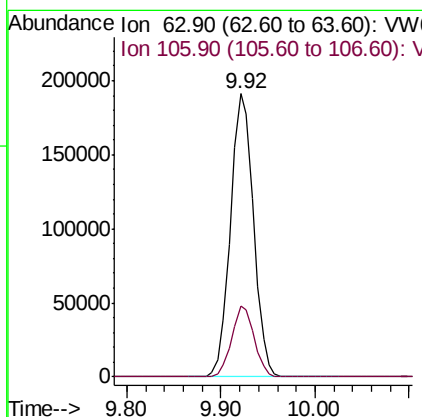
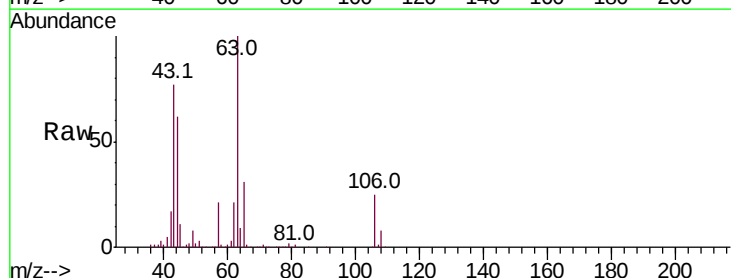
Manual Integrations
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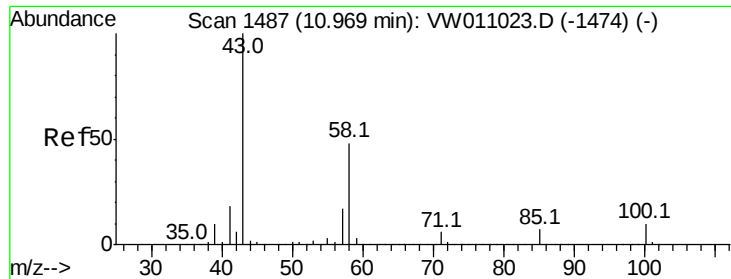
MMDadoda
 7/2/2019 12:53:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.922 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.5	19.4	29.0





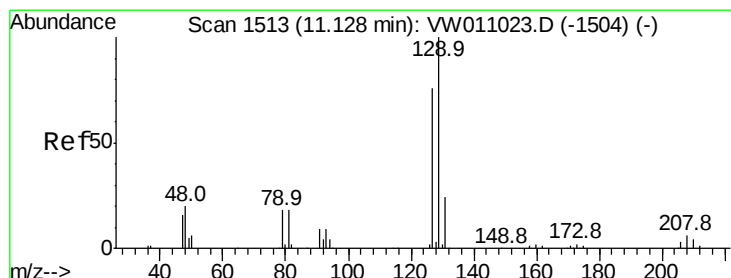
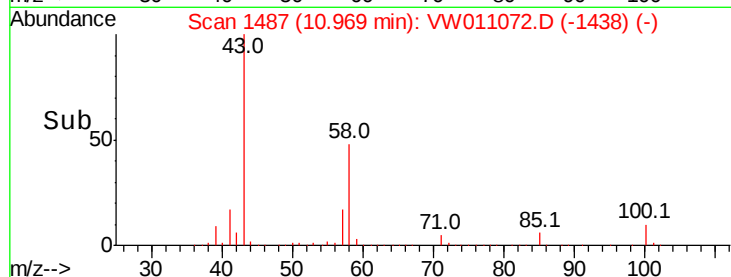
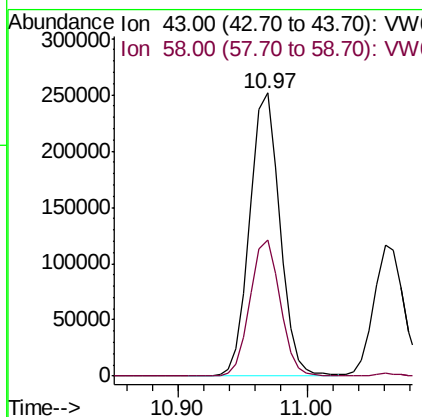
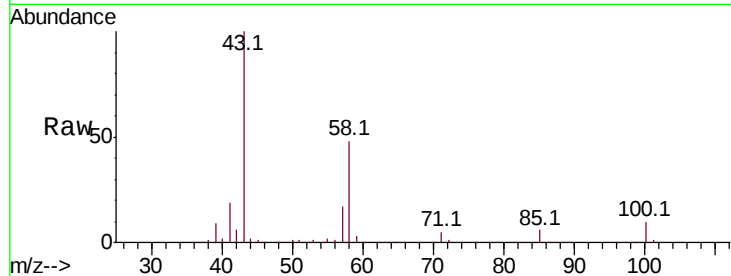
#59
2-Hexanone
Concen: 274.889 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 404909
Ion Ratio Lower Upper
43 100
58 48.3 23.8 71.5

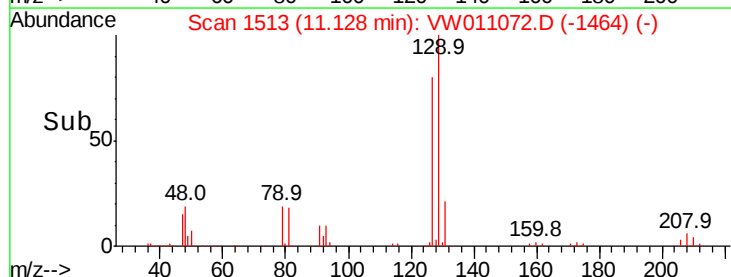
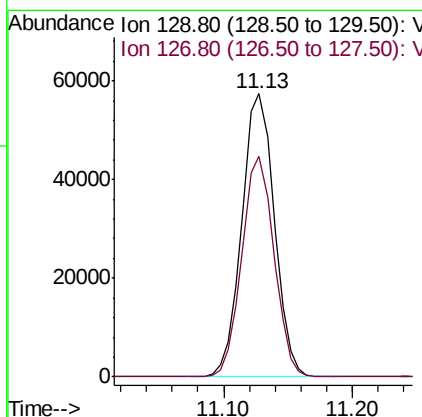
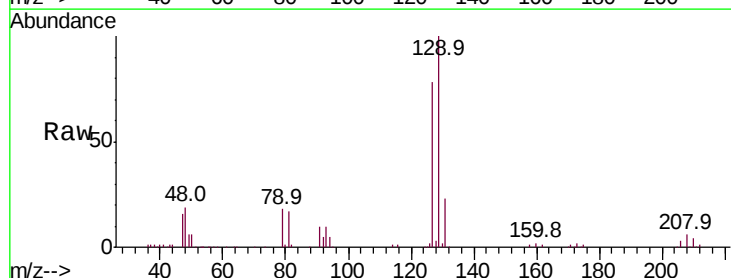
Manual Integrations
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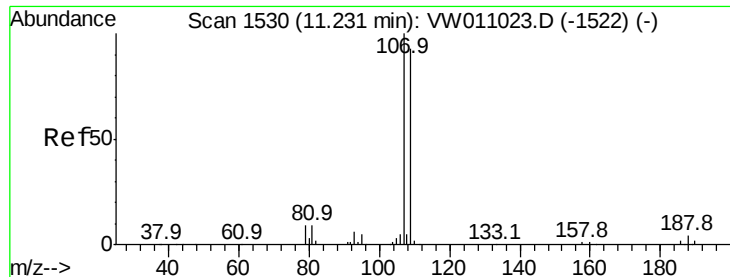
MMDadoda
7/2/2019 12:53:02 AM



#60
Dibromochloromethane
Concen: 53.076 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion: 129 Resp: 100152
Ion Ratio Lower Upper
129 100
127 76.9 39.4 118.1





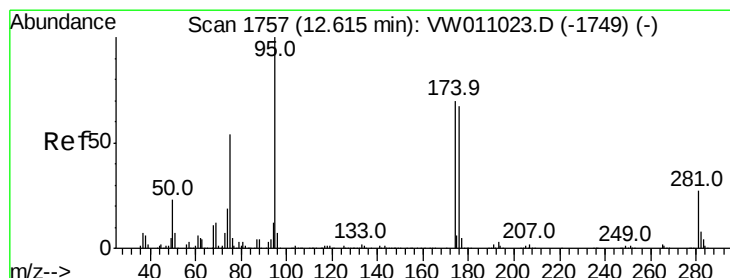
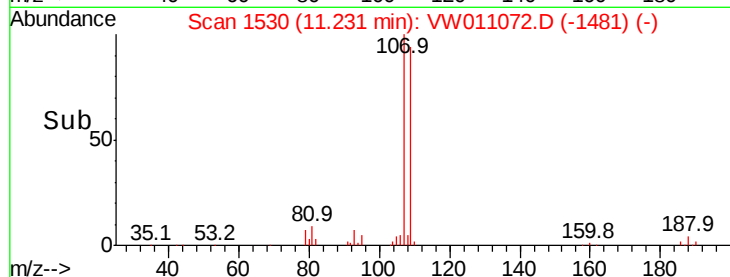
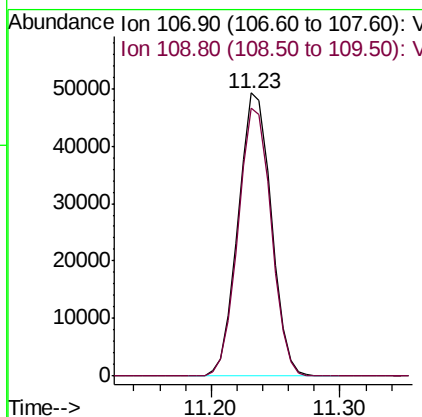
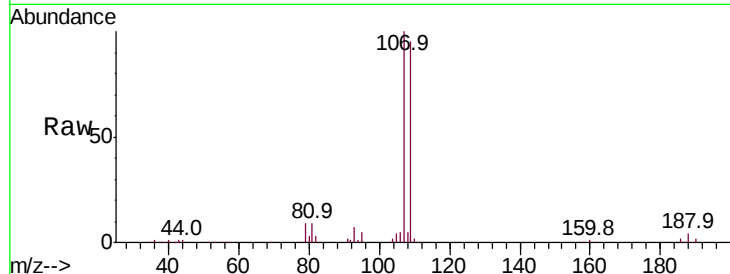
#61
1,2-Dibromoethane
Concen: 52.070 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.1	112.7

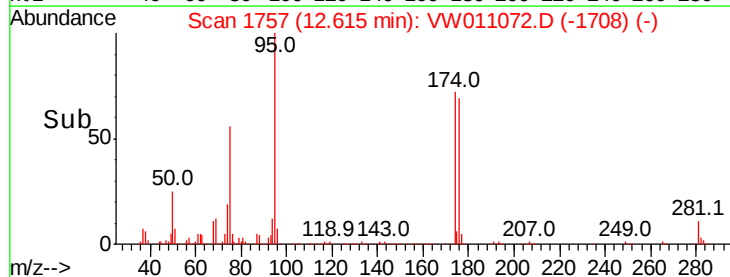
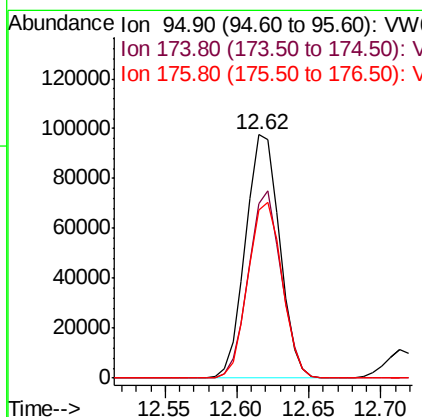
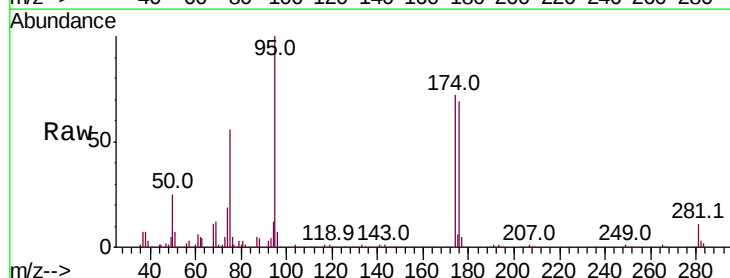
Manual Integrations
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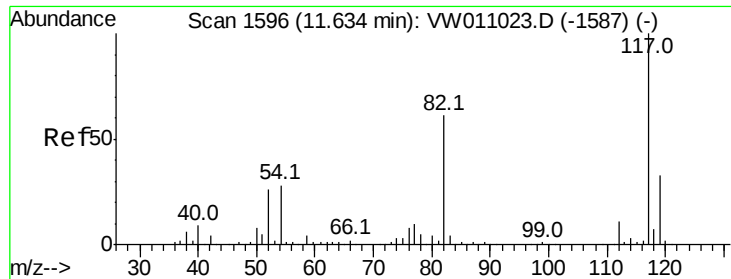
MMDadoda
7/2/2019 12:53:02 AM



#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	149.2
176	72.1	0.0	143.6





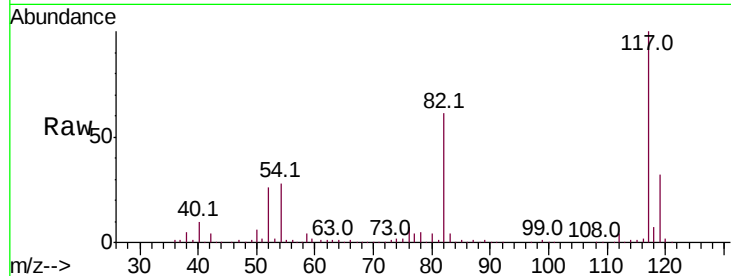
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	48.6	73.0
119	31.6	26.1	39.1

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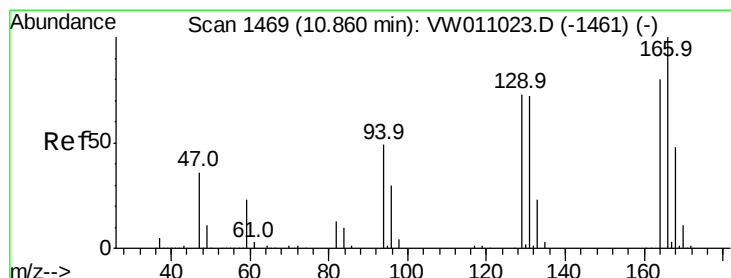
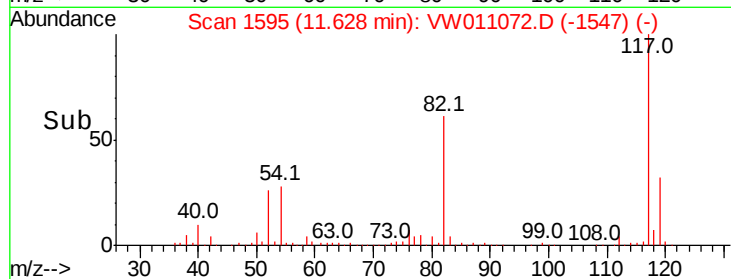
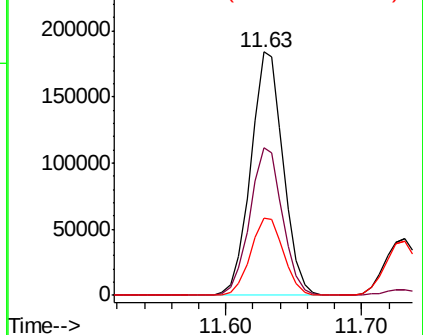


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 51.918 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	99.8	149.6
129	97.4	73.0	109.4
131	92.2	71.4	107.0

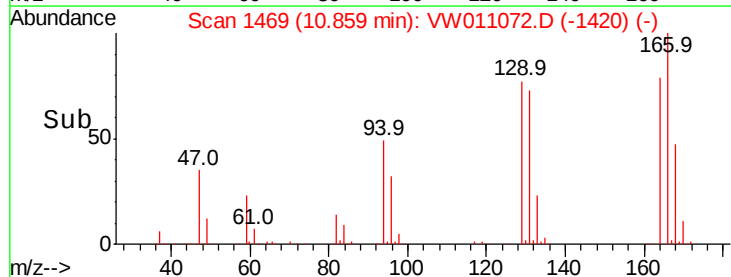
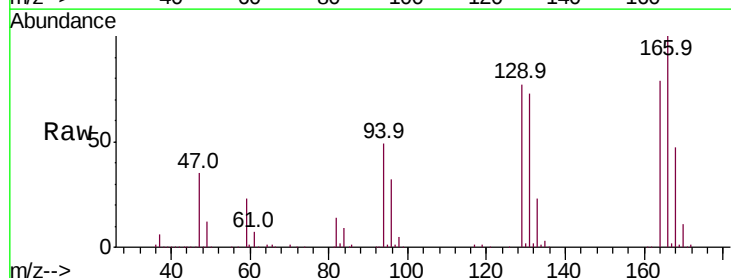
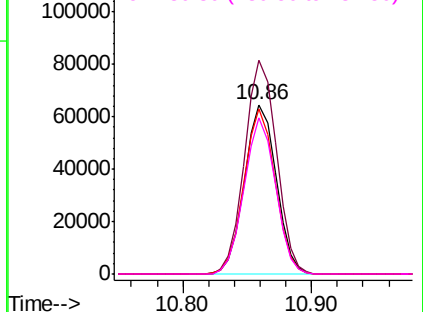
Abundance

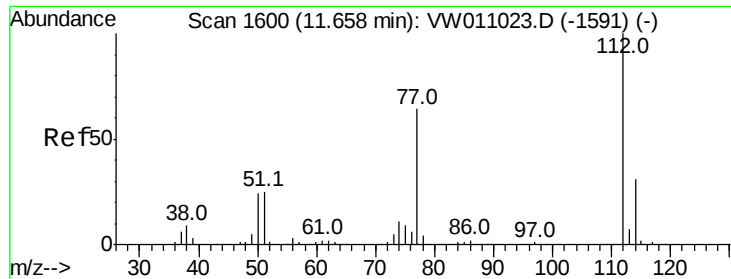
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





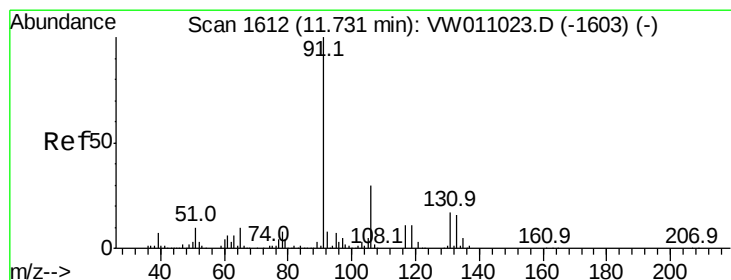
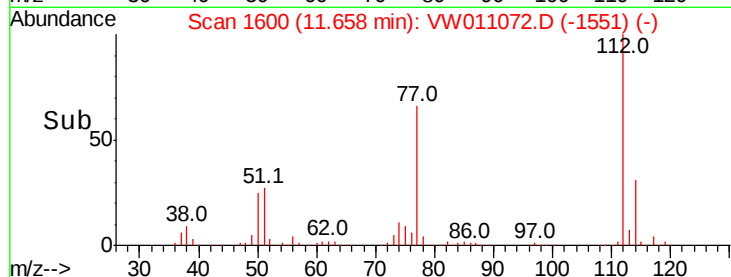
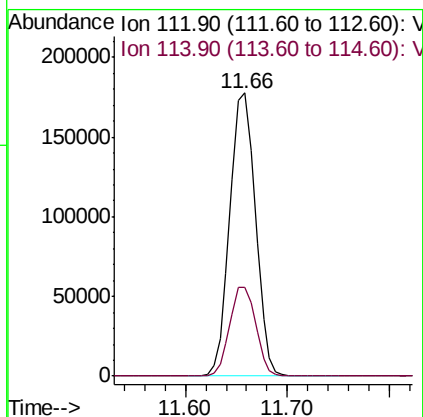
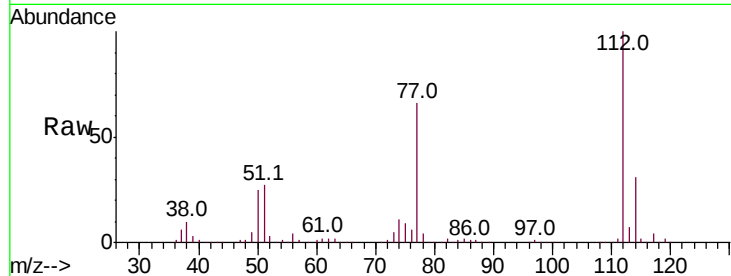
#65
Chlorobenzene
Concen: 49.210 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 309563
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8

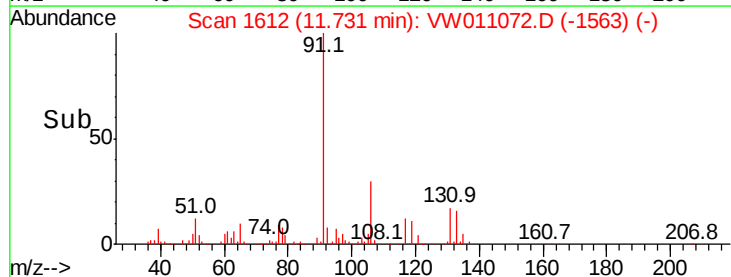
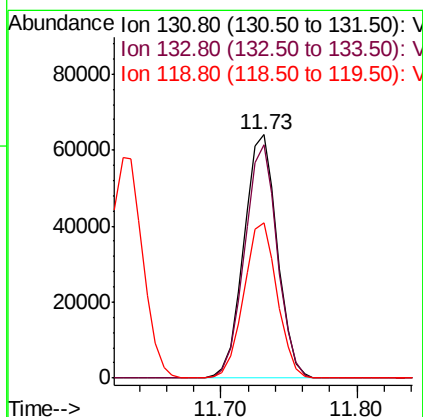
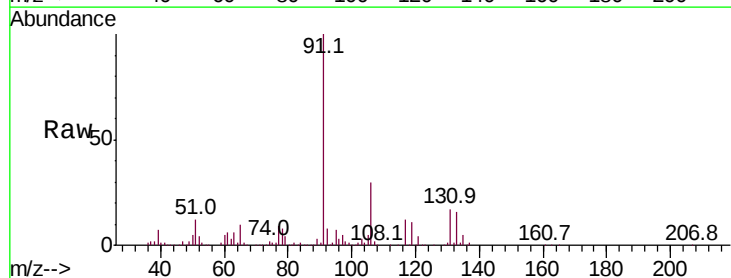
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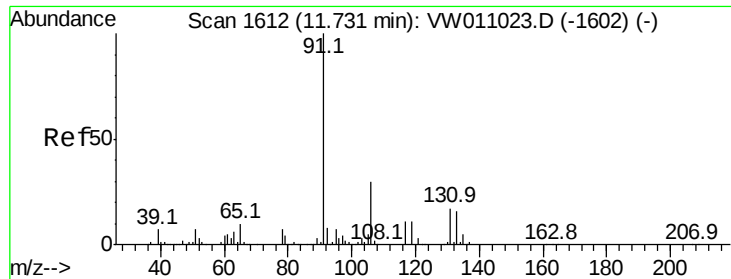
MMDadoda
7/2/2019 12:53:02 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.495 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion:131 Resp: 109982
Ion Ratio Lower Upper
131 100
133 94.1 47.7 143.1
119 63.7 33.1 99.2





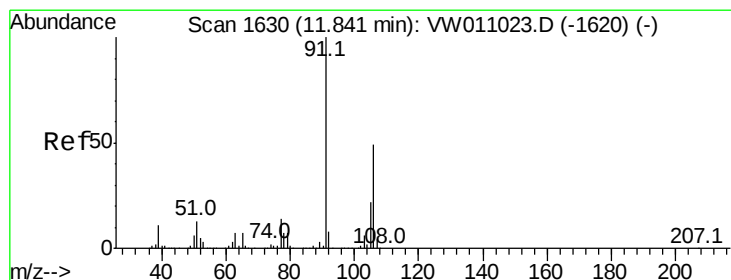
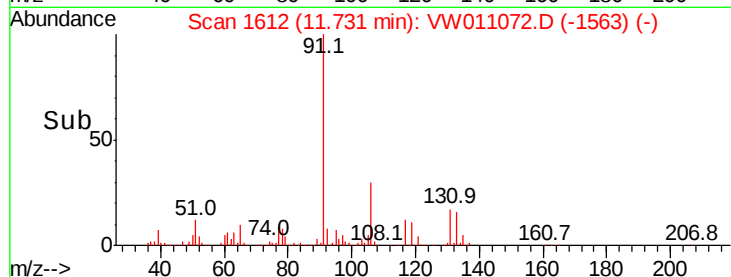
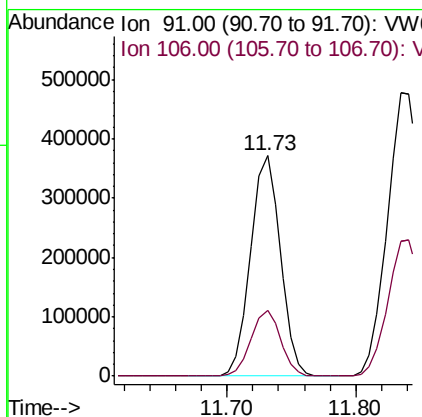
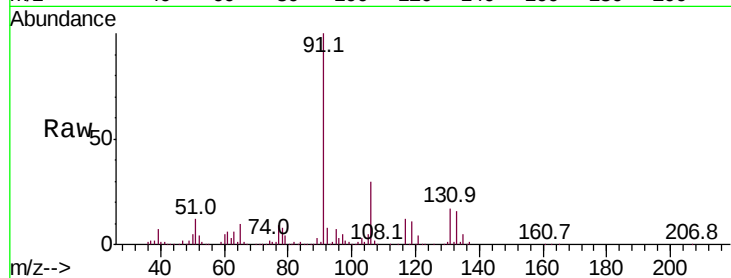
#67
Ethyl Benzene
Concen: 49.253 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.8	35.6

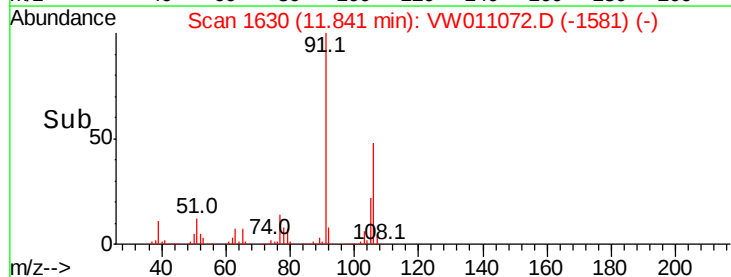
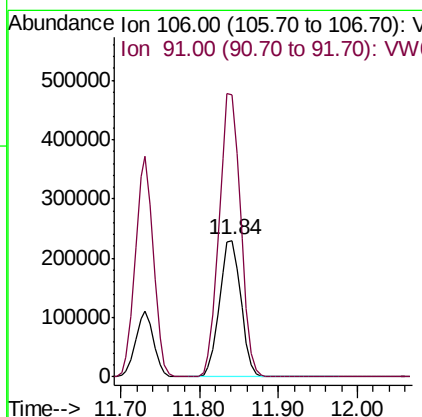
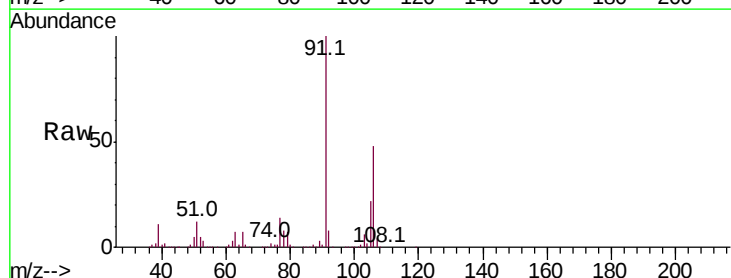
Manual Integrations
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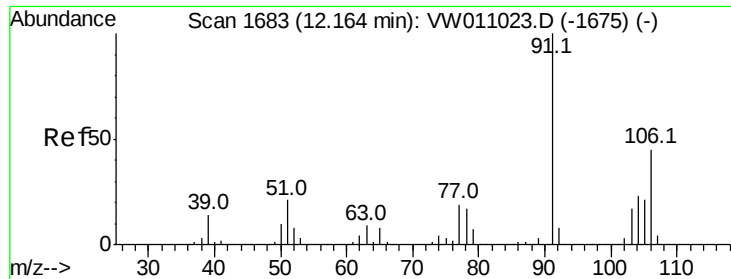
MMDadoda
7/2/2019 12:53:02 AM



#68
m/p-Xylenes
Concen: 99.463 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.0	167.5	251.3





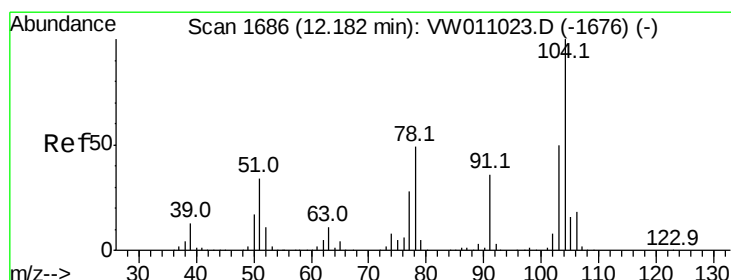
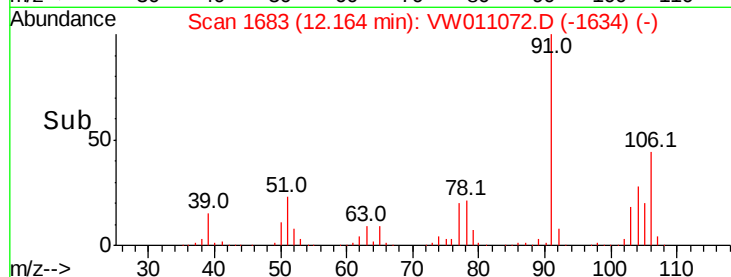
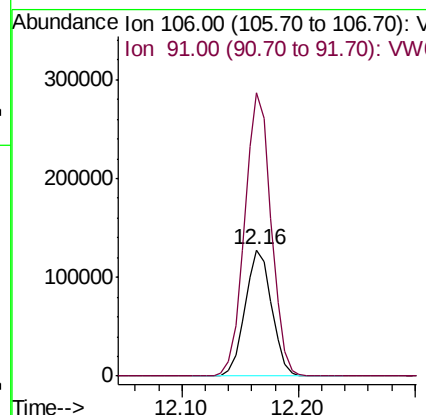
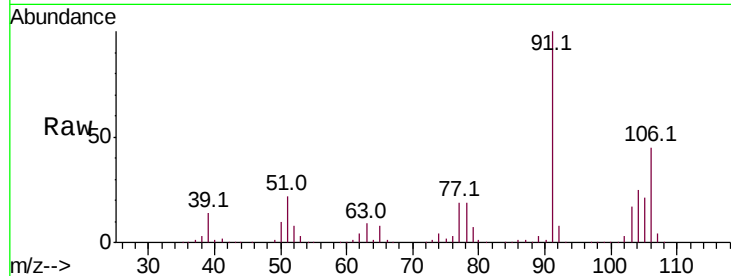
#69
o-Xylene
Concen: 50.100 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 204015
Ion Ratio Lower Upper
106 100
91 223.0 110.8 332.3

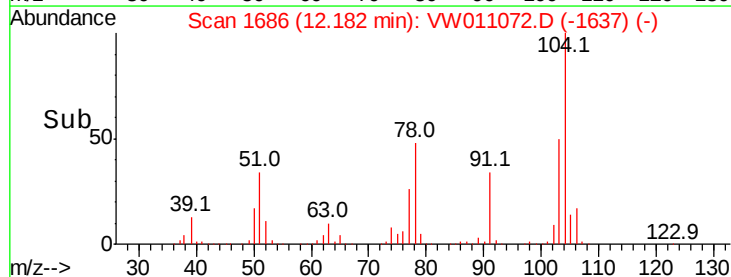
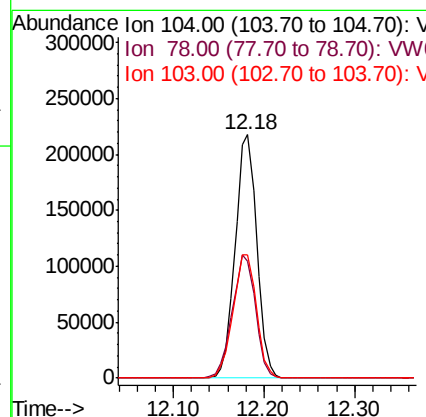
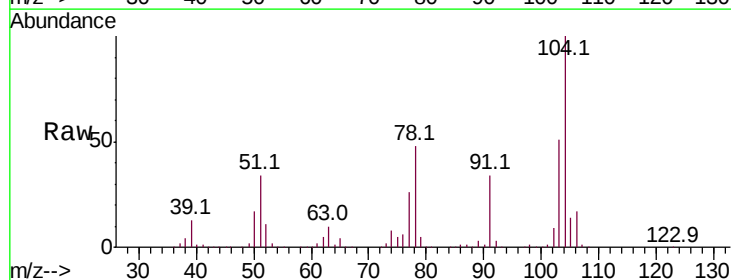
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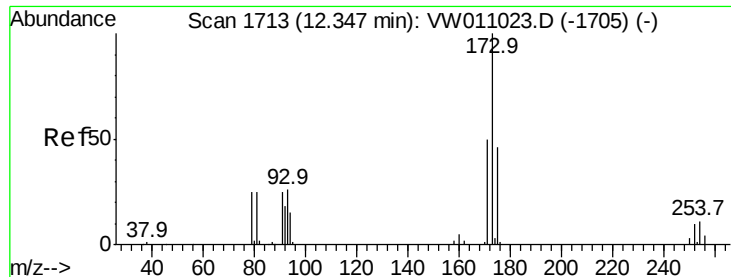
MMDadoda
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#70
Styrene
Concen: 50.810 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion:104 Resp: 359542
Ion Ratio Lower Upper
104 100
78 54.3 43.7 65.5
103 55.1 43.9 65.9





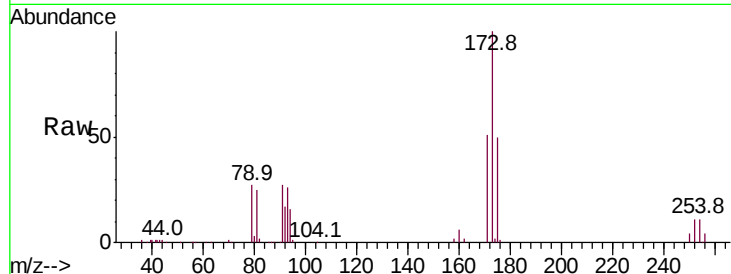
#71
Bromoform
Concen: 53.205 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

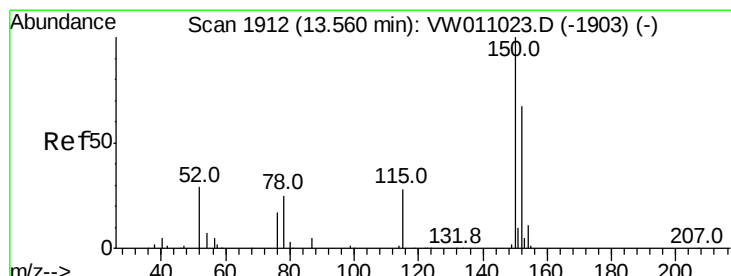
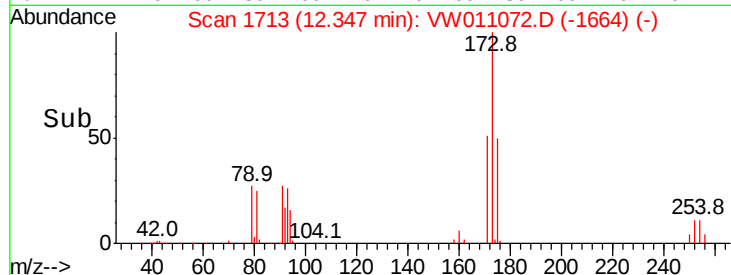
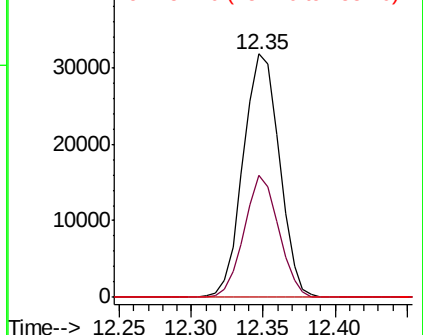
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.1	72.2
254	0.1	0.0	0.0

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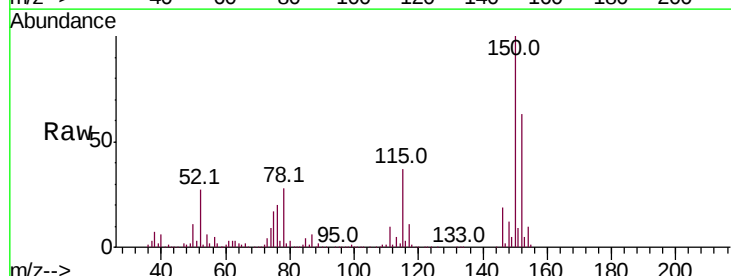


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

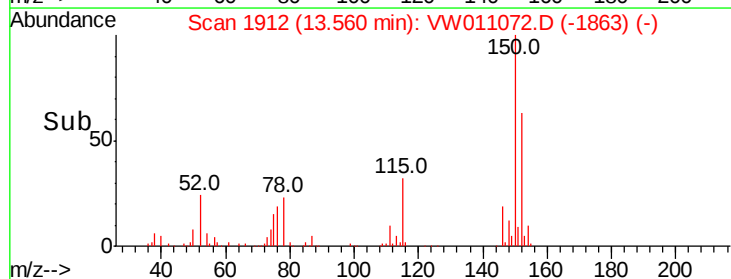
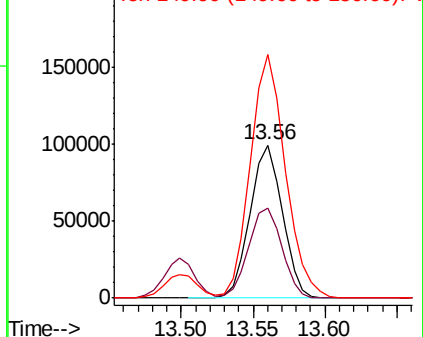


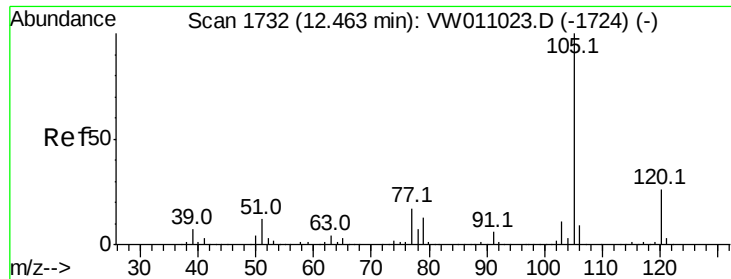
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.7	92.1
150	172.4	0.0	341.8



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





#73

Isopropylbenzene

Concen: 48.898 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 565350

Ion Ratio Lower Upper

105 100

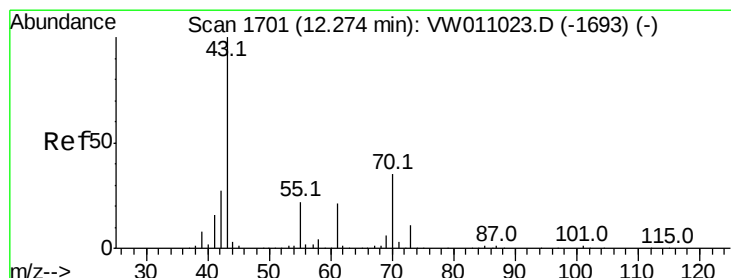
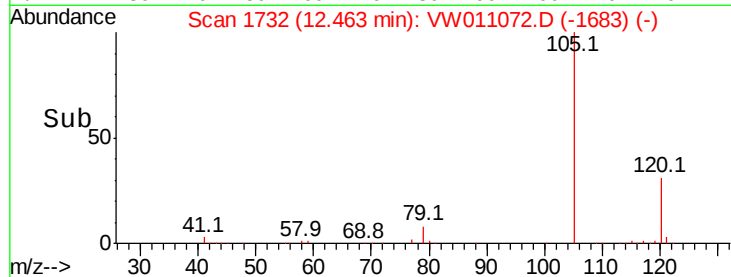
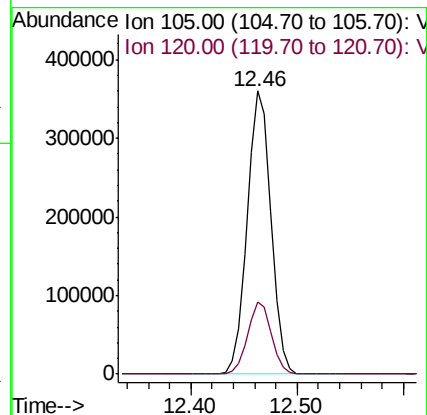
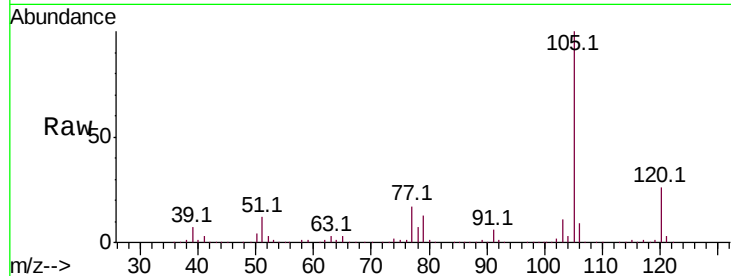
120 25.5 12.9 38.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.878 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion: 43 Resp: 205320

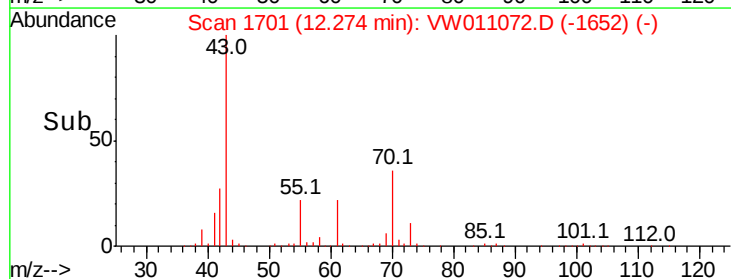
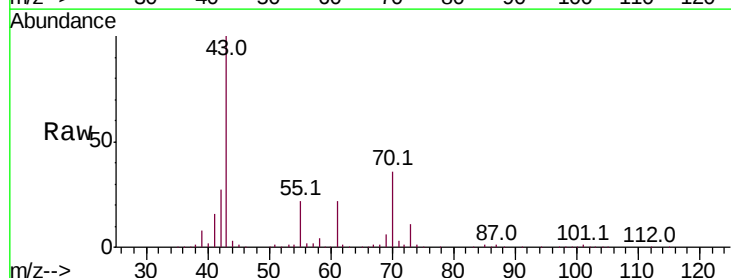
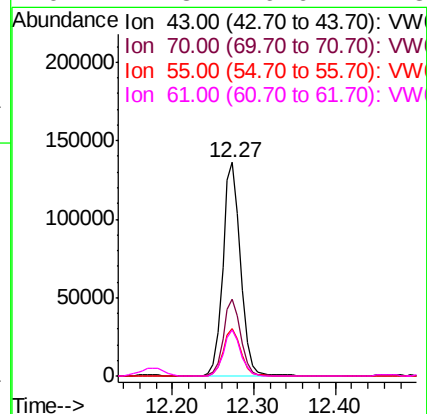
Ion Ratio Lower Upper

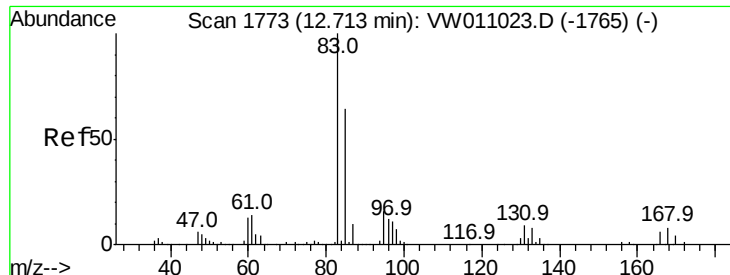
43 100

70 35.2 28.2 42.4

55 22.5 17.8 26.8

61 21.3 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.985 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

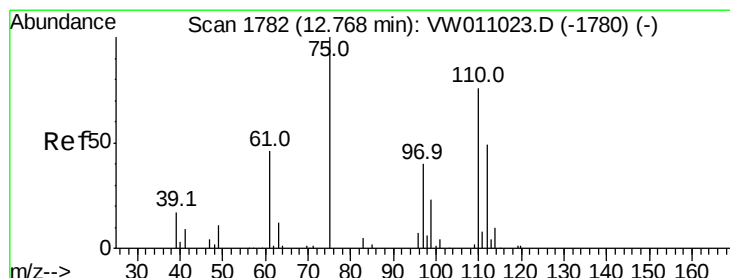
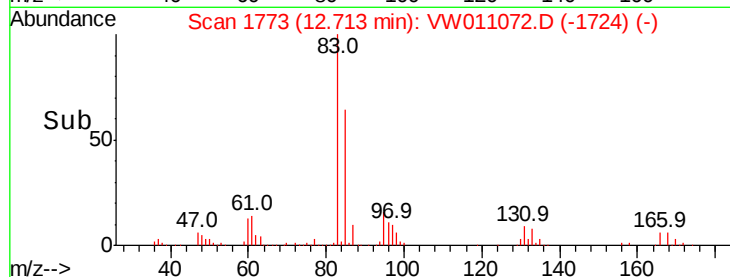
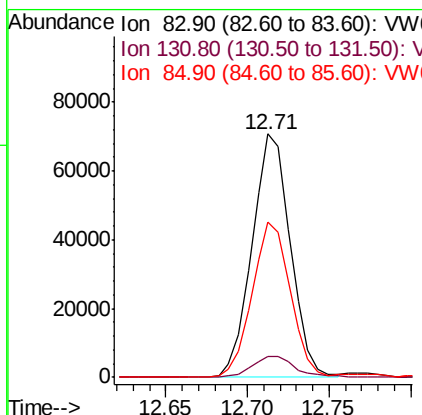
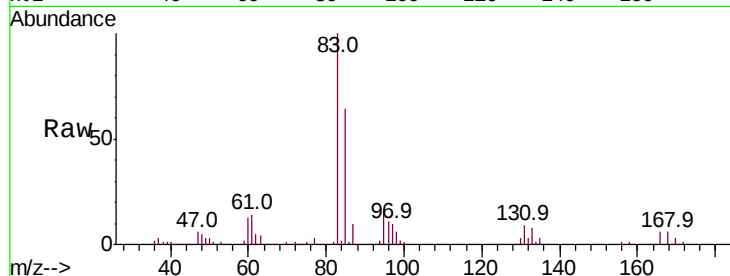
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	115757
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	14.9
85	63.8	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 49.750 ug/l m

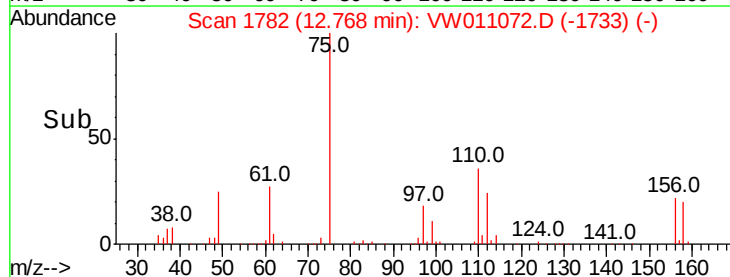
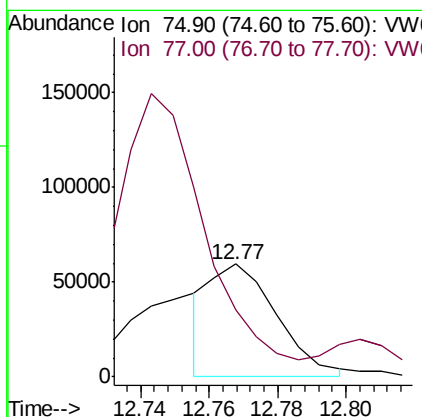
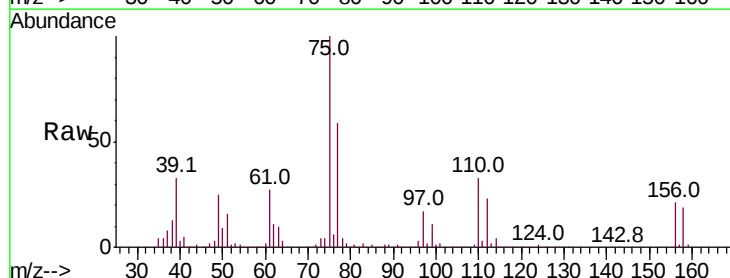
RT: 12.77 min Scan# 1782

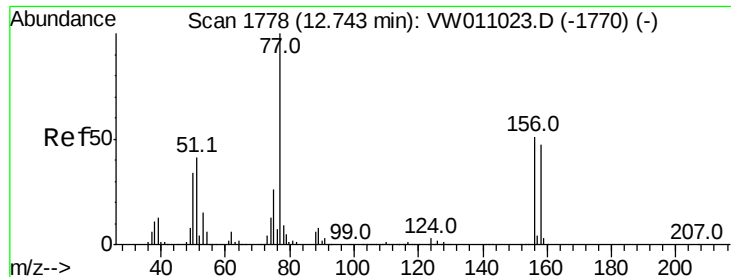
Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion:	75	Resp:	81061
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.442 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

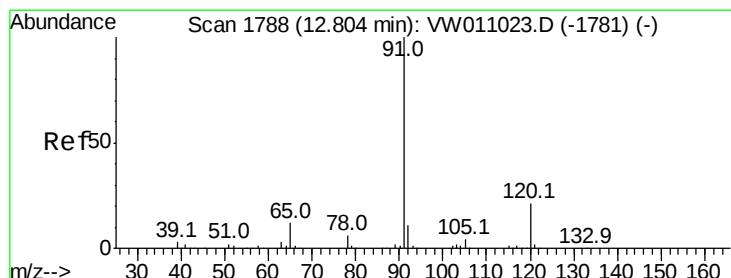
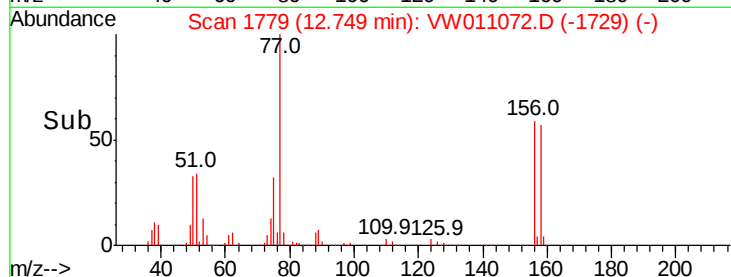
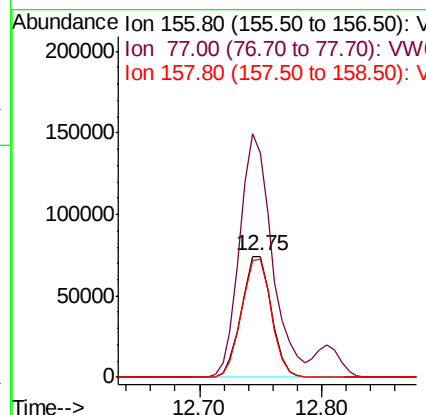
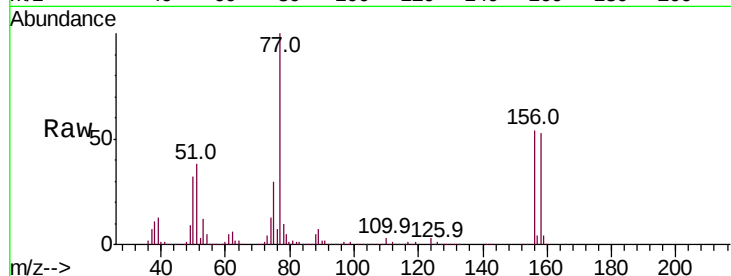
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	125648
Ion Ratio	Lower	Upper	
156	100		
77	218.6	109.5	328.5
158	97.5	48.6	145.9

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#78

n-propylbenzene

Concen: 48.683 ug/l

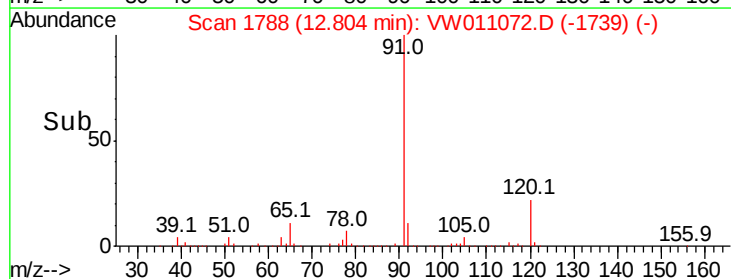
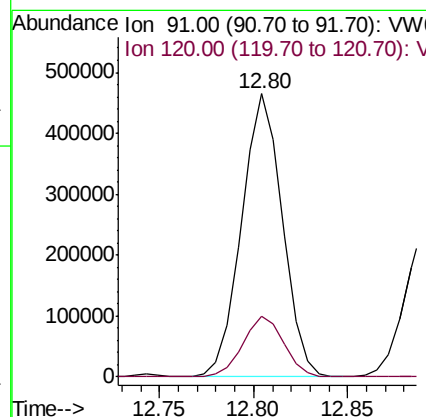
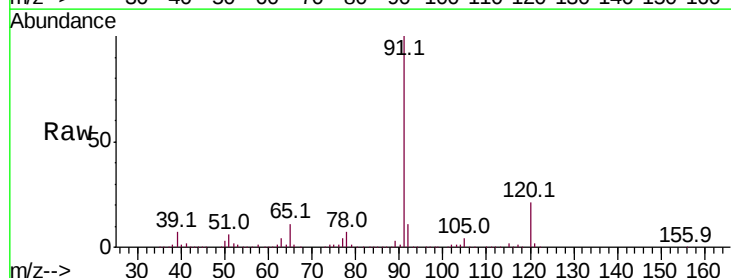
RT: 12.80 min Scan# 1788

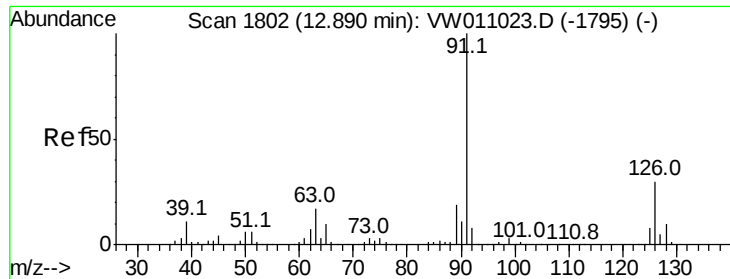
Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion:	91	Resp:	697019
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.5	31.6





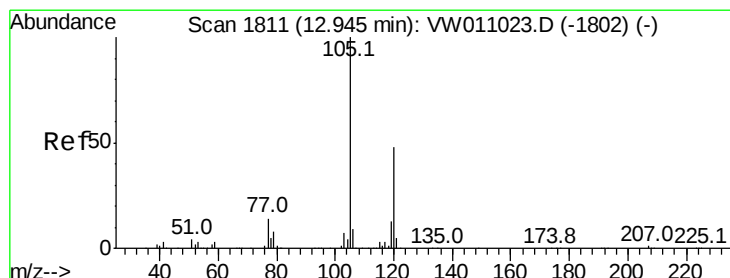
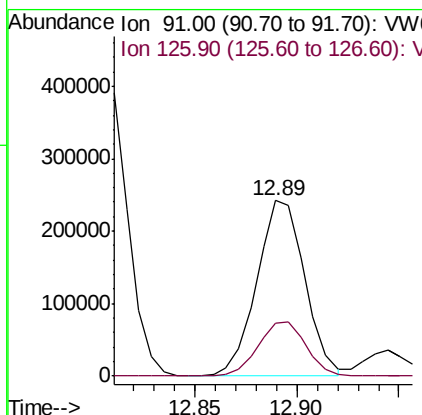
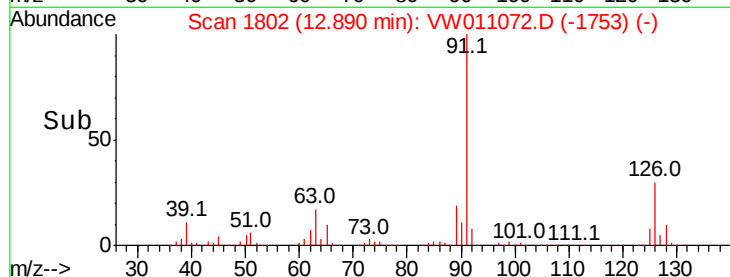
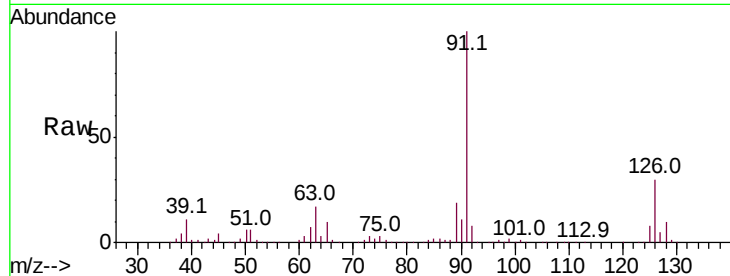
#79
2-Chlorotoluene
Concen: 48.496 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 396683
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.4

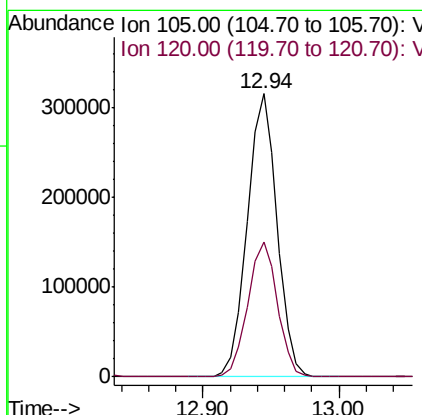
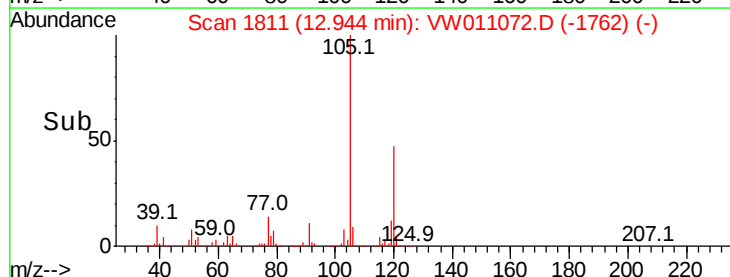
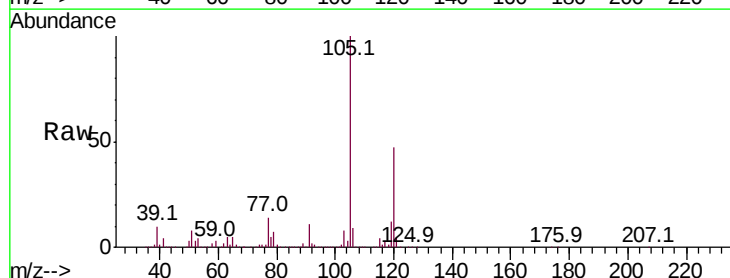
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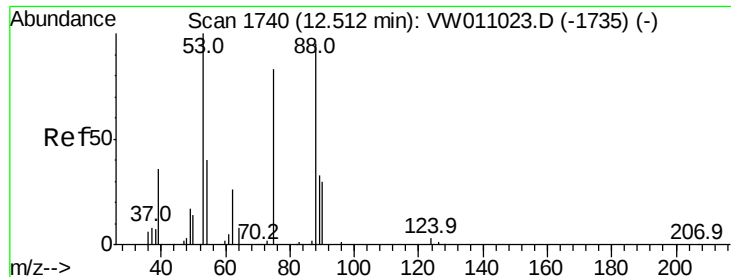
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 49.133 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion: 105 Resp: 481481
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.5





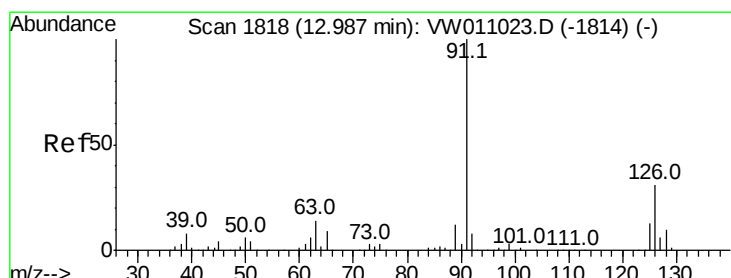
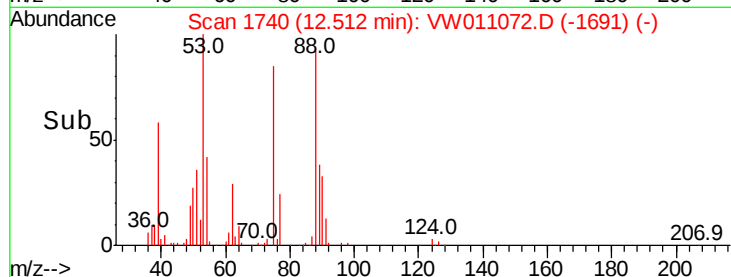
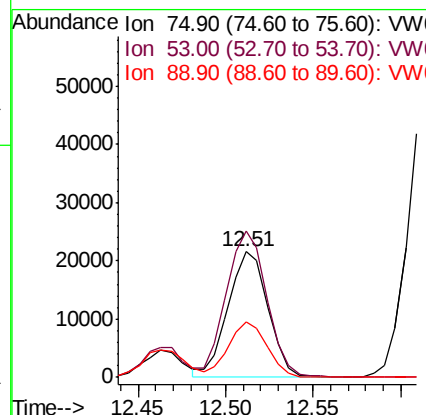
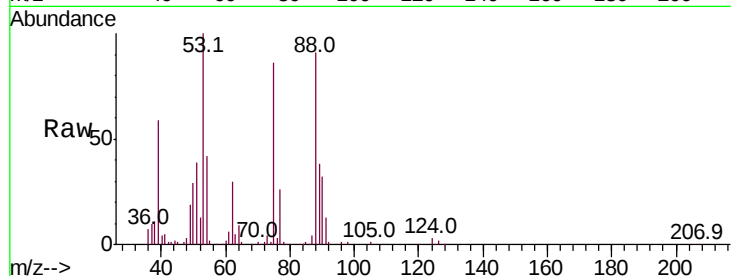
#81
trans-1,4-Dichloro-2-butene
Concen: 44.957 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	119.6	95.6	143.4
89	43.0	34.4	51.6

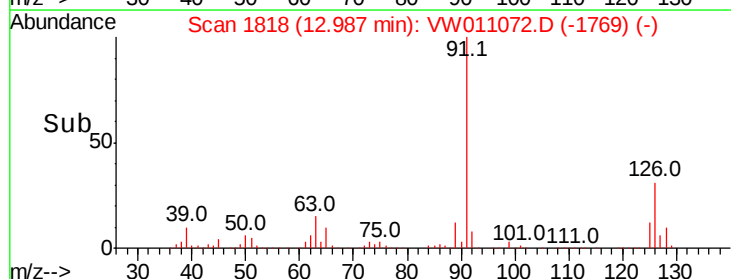
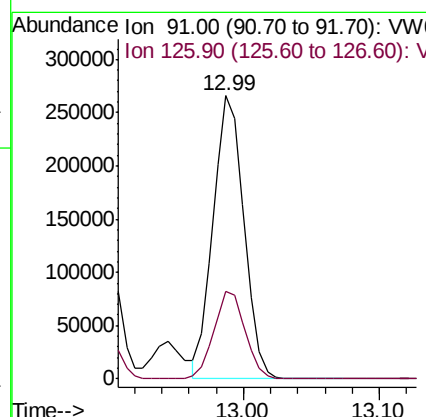
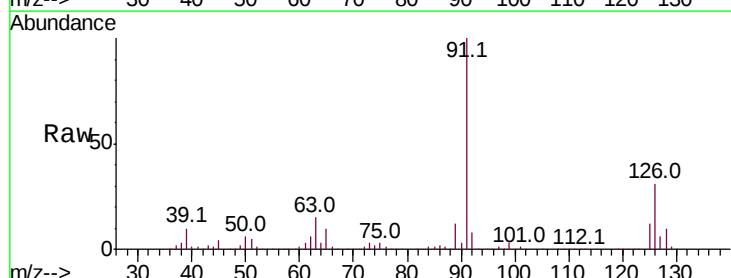
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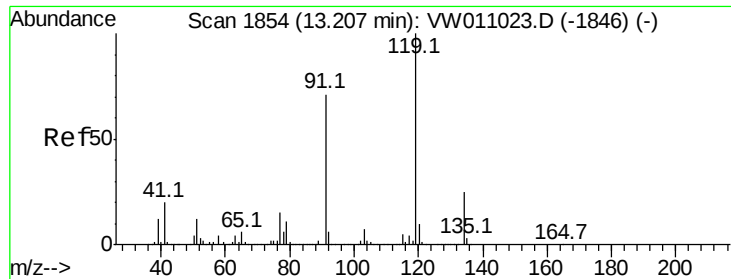
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#82
4-Chlorotoluene
Concen: 48.691 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.7	47.1





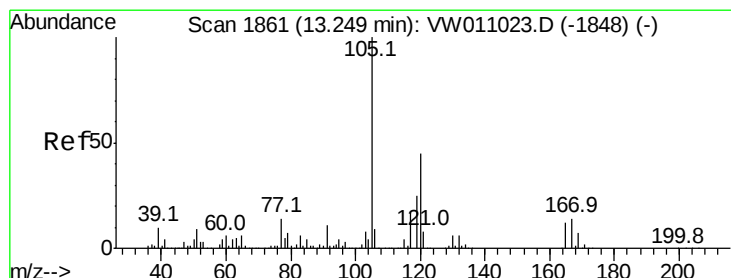
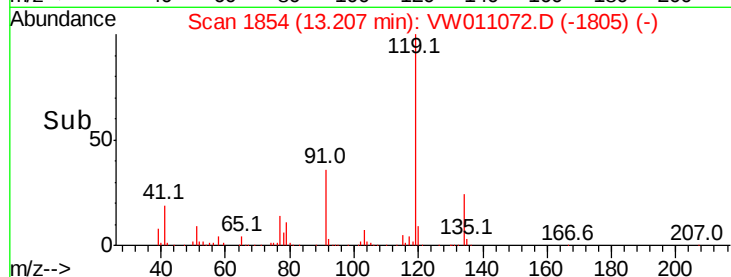
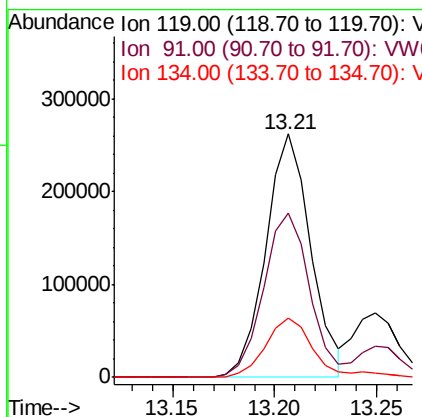
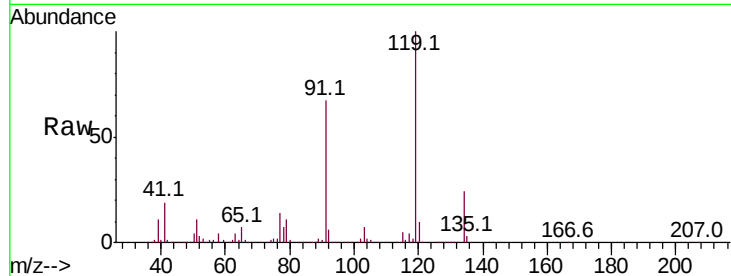
#83
tert-Butylbenzene
Concen: 49.272 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	402637		
91	68.8	35.5	106.5	
134	26.5	12.4	37.2	

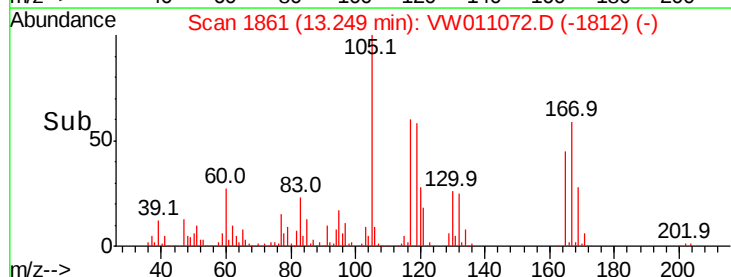
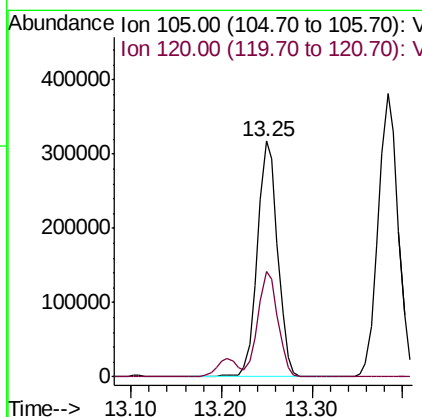
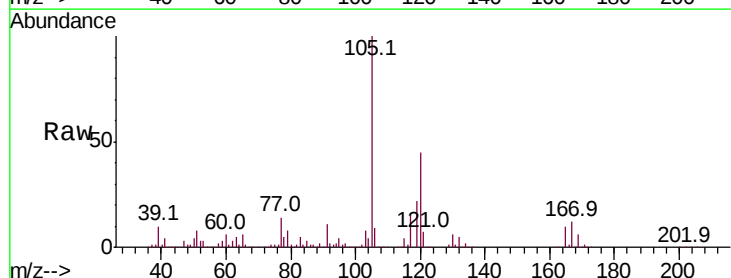
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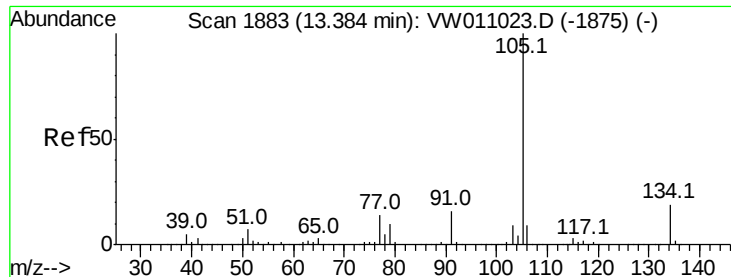
MMDadoda
7/2/2019 12:53:02 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.523 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	490530		
120	43.9	22.4	67.2	





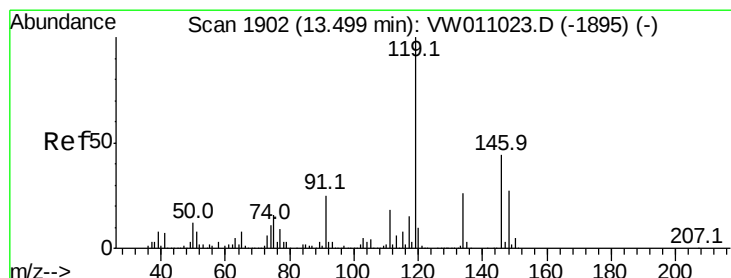
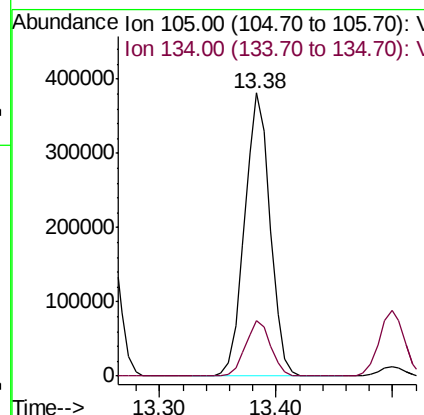
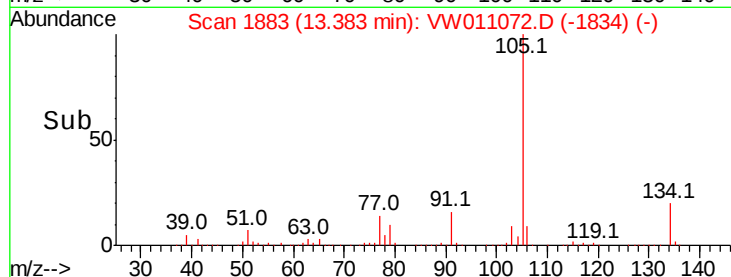
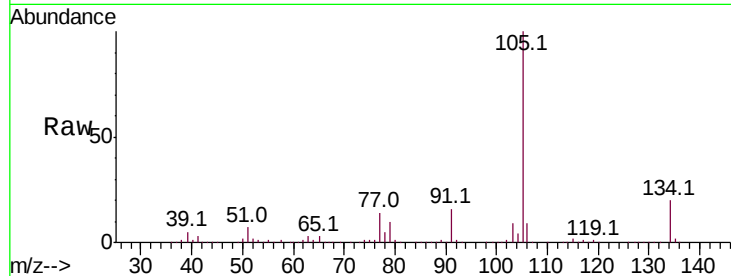
#85
 sec-Butylbenzene
 Concen: 48.909 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	580605		
134	19.4	9.6	28.8	

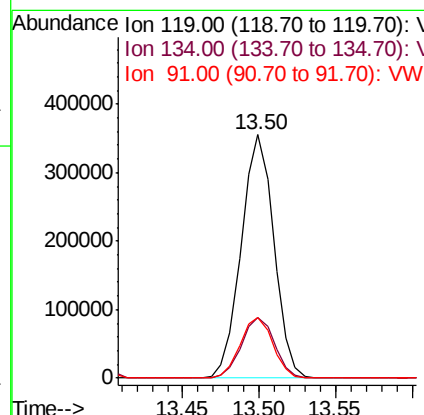
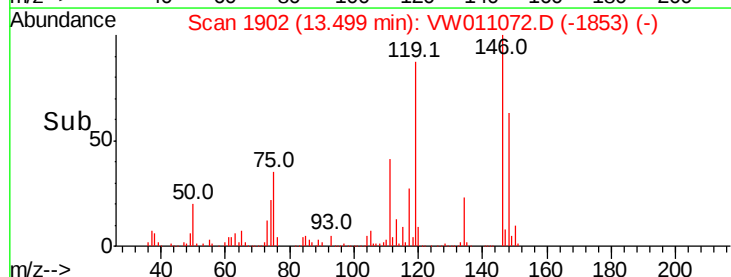
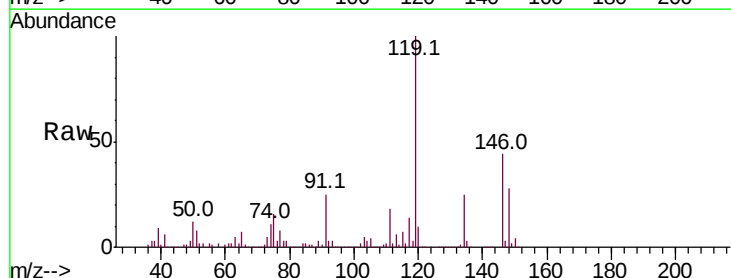
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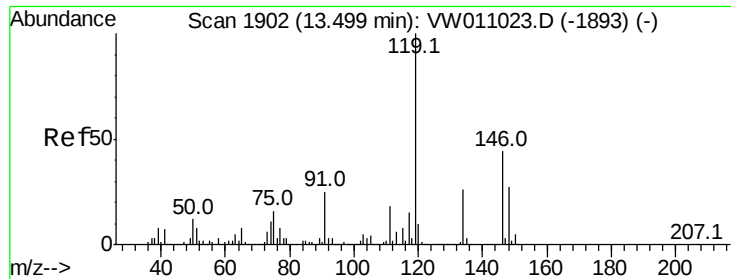
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#86
 p-Isopropyltoluene
 Concen: 49.196 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011072.D
 Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	525550		
134	25.4	12.9	38.7	
91	25.1	12.3	36.9	





#87

1,3-Dichlorobenzene

Concen: 49.553 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

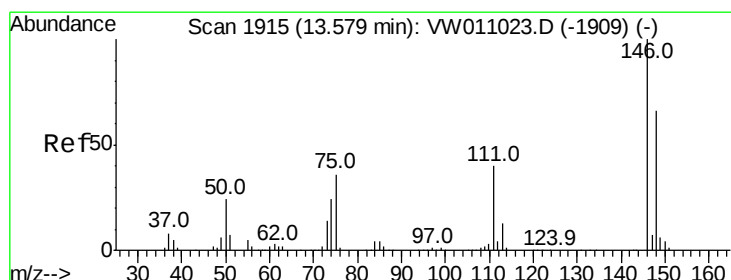
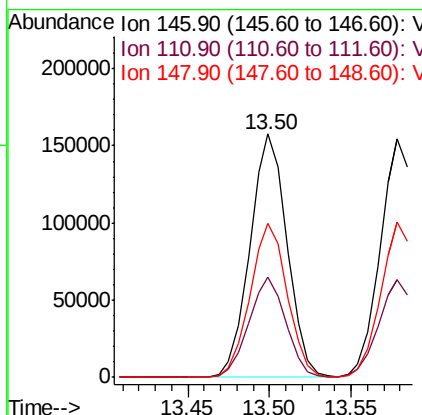
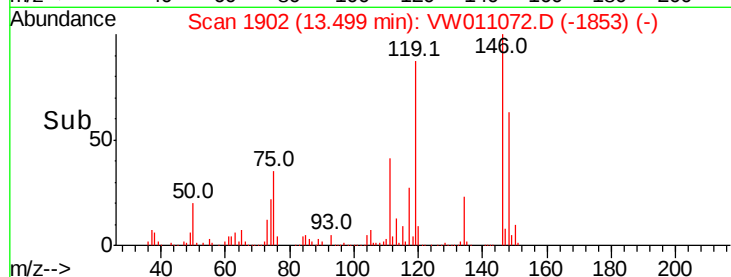
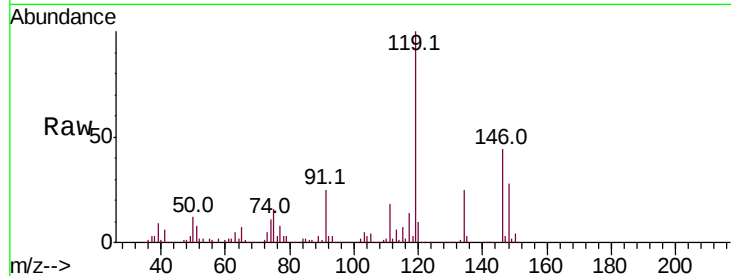
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	249102		
111	41.0	20.9	62.8	
148	63.3	31.8	95.4	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.766 ug/l

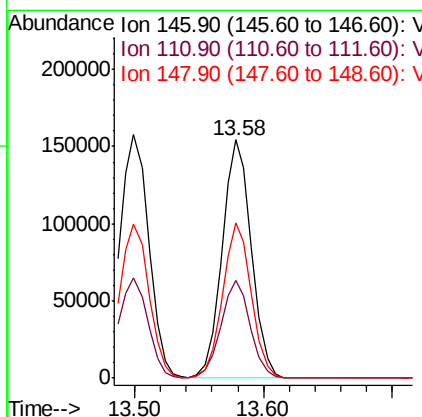
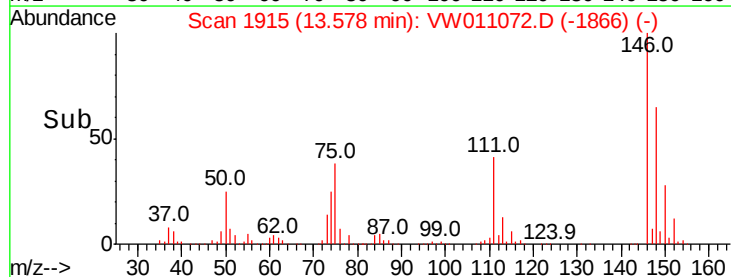
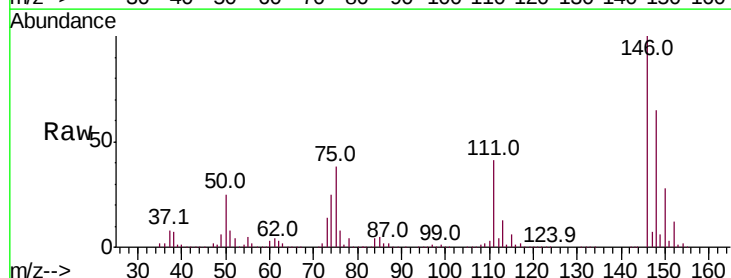
RT: 13.58 min Scan# 1915

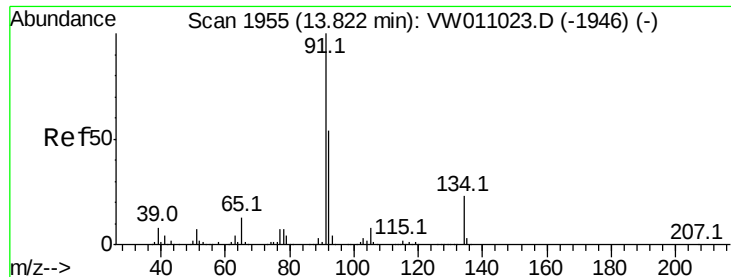
Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244715		
111	41.0	20.6	61.9	
148	63.9	32.4	97.2	





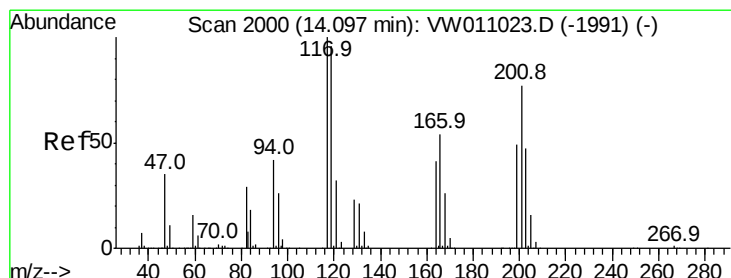
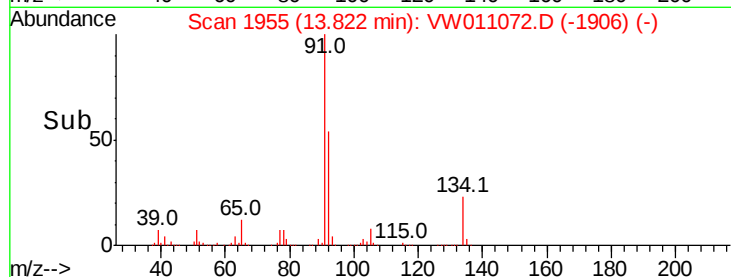
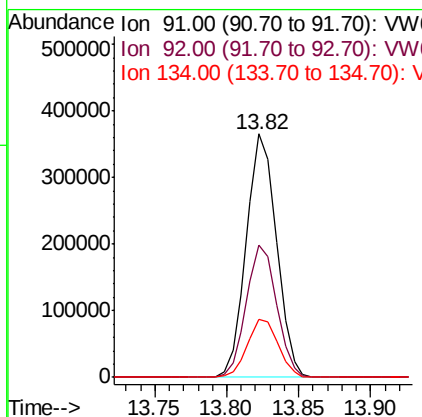
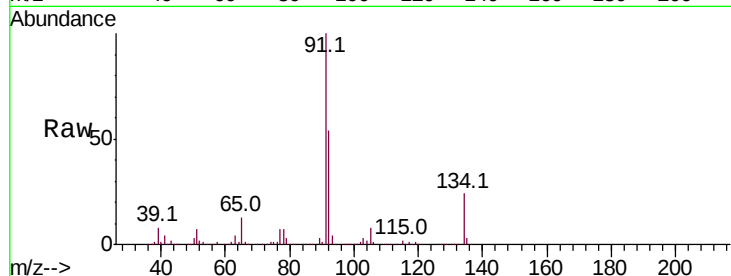
#89
n-Butylbenzene
Concen: 48.904 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.5	27.1	81.2	
134	24.3	12.0	36.1	

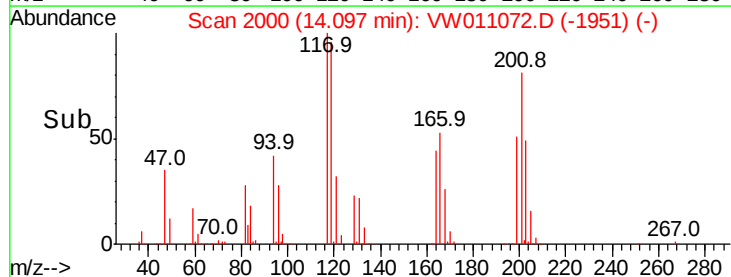
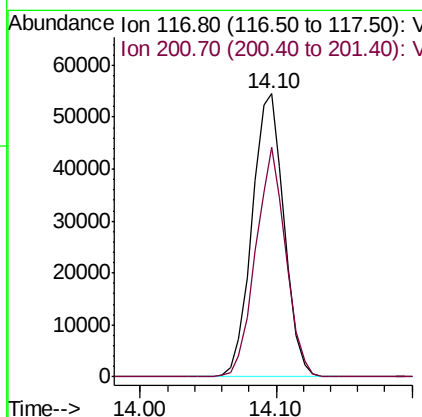
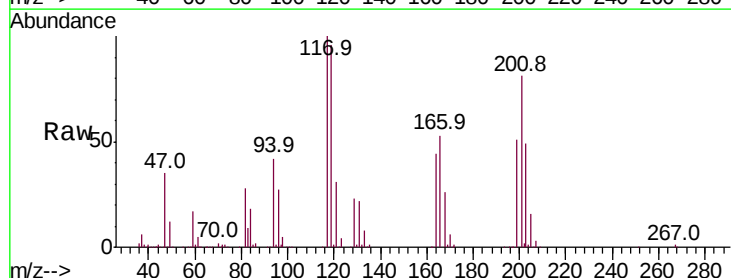
Manual Integrations
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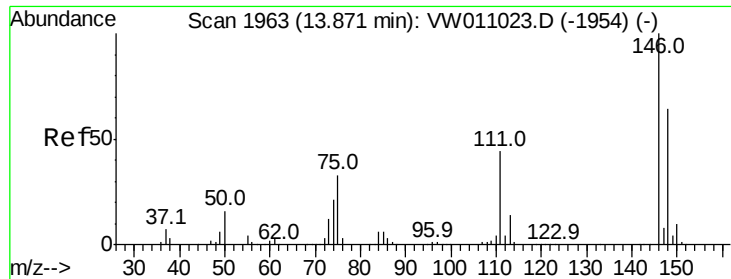
MMDadoda
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#90
Hexachloroethane
Concen: 49.165 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	76.6	38.0	114.0	





#91

1,2-Dichlorobenzene

Concen: 49.944 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW011072.D

Acq: 28 Jun 2019 20:29

Instrument :

MSVOA_W

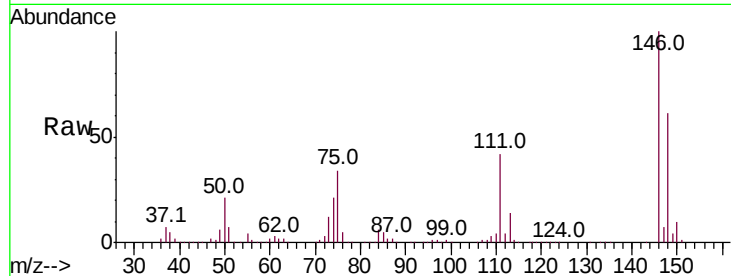
ClientSampleId :

VSTDCCC050EC

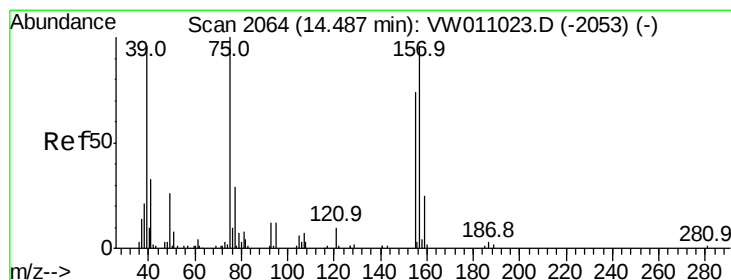
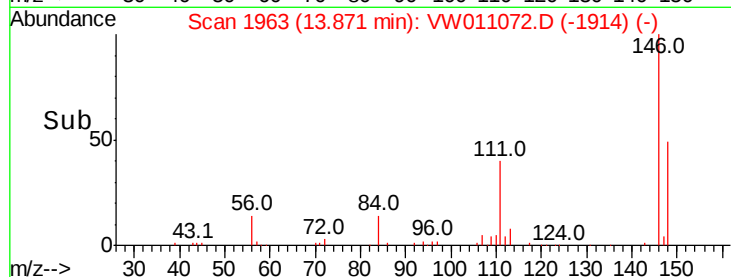
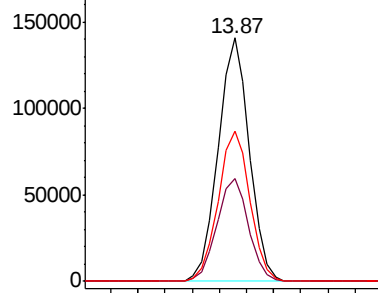
Tot Ion:	146	Resp:	225496
Ion Ratio	Lower	Upper	
146	100		
111	42.8	21.4	64.3
148	62.9	31.8	95.3

Manual Integrations
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.369 ug/l

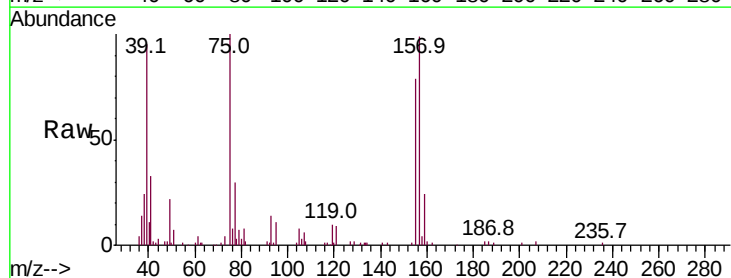
RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

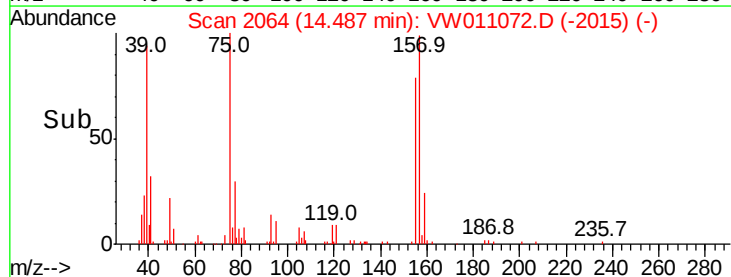
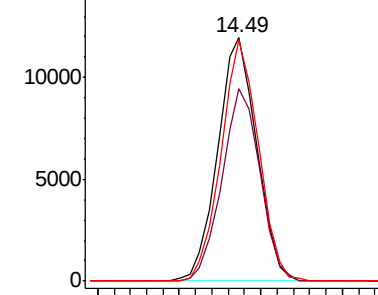
Lab File: VW011072.D

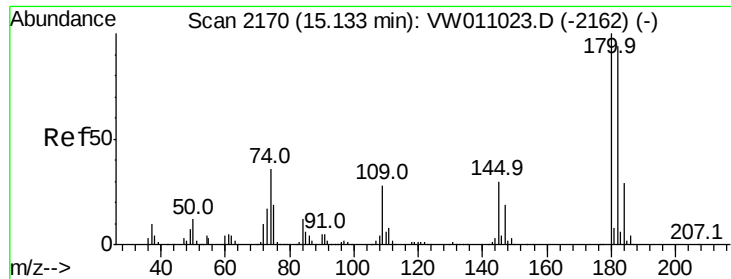
Acq: 28 Jun 2019 20:29

Tgt Ion:	75	Resp:	19821
Ion Ratio	Lower	Upper	
75	100		
155	77.0	37.0	110.9
157	94.9	45.9	137.7



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





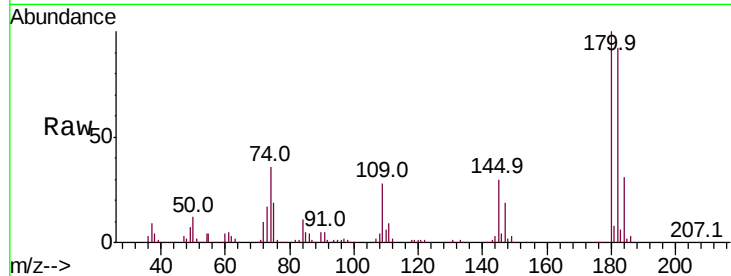
#93
1,2,4-Trichlorobenzene
Concen: 51.494 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	163577		
182	94.0	47.4	142.2	
145	30.4	15.3	45.8	

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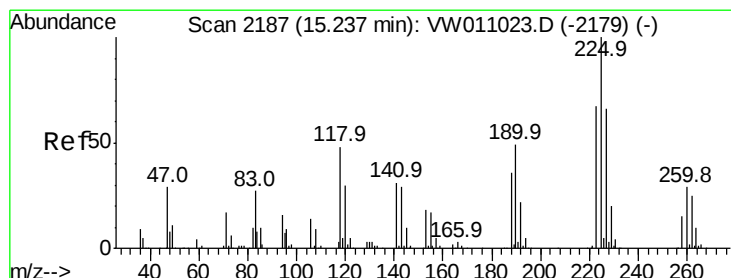
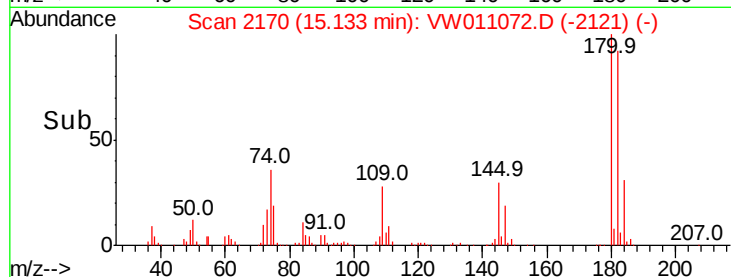
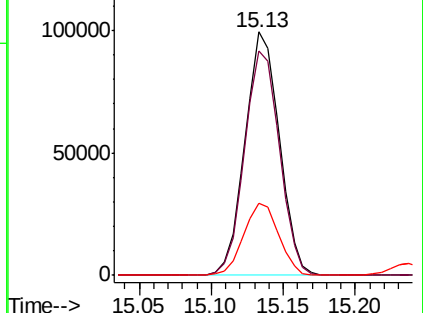


Abundance

Ion 179.80 (179.50 to 180.50): V

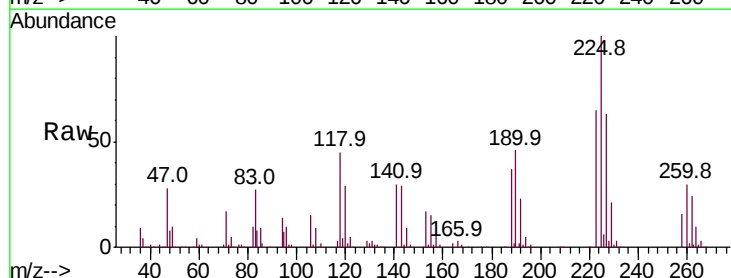
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 49.471 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95316		
223	63.3	31.9	95.9	
227	63.6	31.9	95.9	

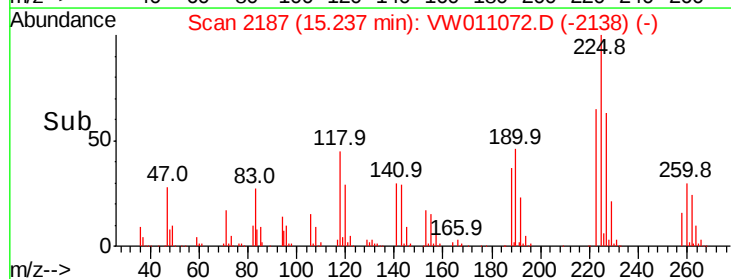
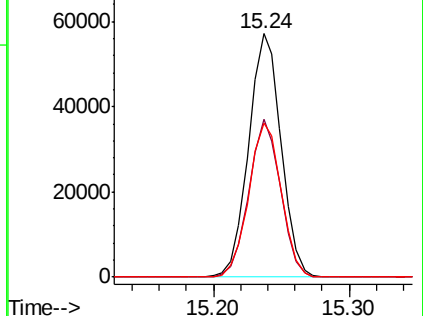


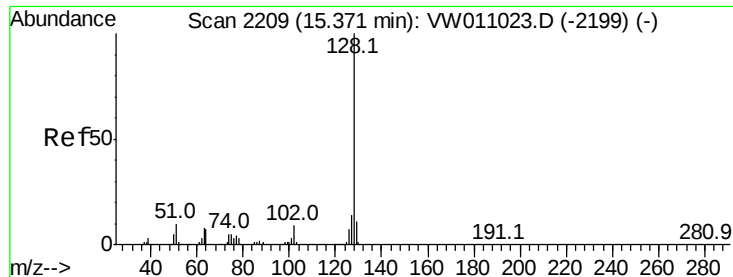
Abundance

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





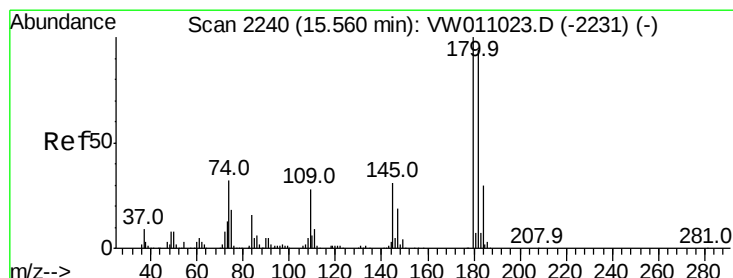
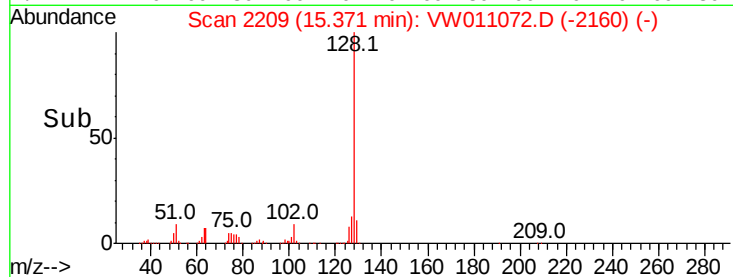
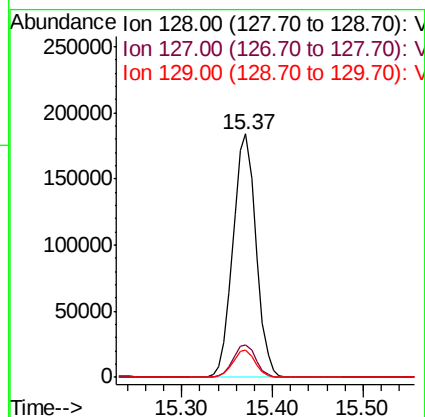
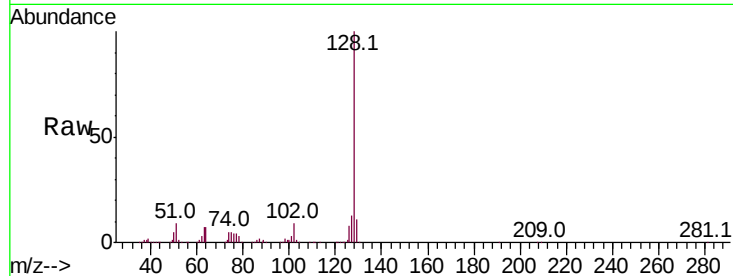
#95
Naphthalene
Concen: 54.350 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.022 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011072.D
Acq: 28 Jun 2019 20:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.7
145	32.8	16.1	48.2

