

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010652.D
 Acq On : 03 Jun 2019 11:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 12:12:42 PM

Quant Time: Jun 04 07:47:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	183570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	289522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	82838	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
35) Dibromofluoromethane	7.88	113	91993	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.32	98	346805	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	133795	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	77486	47.366	ug/l 97
3) Chloromethane	2.21	50	79231	41.080	ug/l 98
4) Vinyl Chloride	2.35	62	90606	40.556	ug/l 99
5) Bromomethane	2.75	94	65446	42.582	ug/l 97
6) Chloroethane	2.91	64	64583	45.032	ug/l 98
7) Trichlorofluoromethane	3.25	101	171510	51.999	ug/l 97
8) Diethyl Ether	3.68	74	49039	46.903	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106410	52.387	ug/l 96
10) Methyl Iodide	4.27	142	106024	45.667	ug/l 97
11) Tert butyl alcohol	5.17	59	37826	221.942	ug/l 98
12) 1,1-Dichloroethene	4.04	96	97191	50.125	ug/l 96
13) Acrolein	3.89	56	20459	201.703	ug/l 97
14) Allyl chloride	4.67	41	133988	47.739	ug/l 99
15) Acrylonitrile	5.37	53	95743	218.654	ug/l 99
16) Acetone	4.12	43	112122	289.900	ug/l 100
17) Carbon Disulfide	4.38	76	259534	44.875	ug/l 100
18) Methyl Acetate	4.67	43	45248	47.836	ug/l 99
19) Methyl tert-butyl Ether	5.43	73	233773	47.293	ug/l 97
20) Methylene Chloride	4.92	84	100339	43.562	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	112665	50.657	ug/l 98
22) Diisopropyl ether	6.31	45	273961	47.604	ug/l 98
23) Vinyl Acetate	6.26	43	769859	223.946	ug/l 100
24) 1,1-Dichloroethane	6.21	63	174352	50.768	ug/l 99
25) 2-Butanone	7.17	43	135106	244.098	ug/l 98
26) 2,2-Dichloropropane	7.17	77	168860	51.618	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	124232	51.379	ug/l 98
28) Bromochloromethane	7.51	49	59111	48.073	ug/l 91
29) Tetrahydrofuran	7.53	42	76709	204.811	ug/l 99
30) Chloroform	7.68	83	187718	50.675	ug/l 99
31) Cyclohexane	7.95	56	164842	45.822	ug/l 94
32) 1,1,1-Trichloroethane	7.87	97	183934	51.950	ug/l 98
36) 1,1-Dichloropropene	8.08	75	147230	54.589	ug/l 98
37) Ethyl Acetate	7.25	43	53579	46.716	ug/l 98
38) Carbon Tetrachloride	8.07	117	166751	57.314	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	198259	54.868	ug/l	97
40) Benzene	8.32	78	417967	55.757	ug/l	99
41) Methacrylonitrile	7.49	41	31723	46.551	ug/l	95
42) 1,2-Dichloroethane	8.40	62	113670	53.054	ug/l	100
43) Isopropyl Acetate	8.42	43	106068	46.292	ug/l	98
44) Trichloroethene	9.09	130	130438	58.611	ug/l	97
45) 1,2-Dichloropropane	9.37	63	96524	54.216	ug/l	96
46) Dibromomethane	9.46	93	55177	52.994	ug/l	93
47) Bromodichloromethane	9.65	83	140275	53.612	ug/l	97
48) Methyl methacrylate	9.43	41	48666	46.427	ug/l	96
49) 1,4-Dioxane	9.45	88	17309	1017.672	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	269925	232.485	ug/l	99
52) Toluene	10.39	92	281750	55.966	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	138436	52.242	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	165898	54.818	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	82612	55.176	ug/l	97
56) Ethyl methacrylate	10.65	69	100371	48.607	ug/l	99
57) 1,3-Dichloropropane	10.93	76	132648	52.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	221131	241.773	ug/l	97
59) 2-Hexanone	10.97	43	211494	255.358	ug/l	99
60) Dibromochloromethane	11.13	129	104476	55.135	ug/l	99
61) 1,2-Dibromoethane	11.24	107	80637	53.167	ug/l	99
64) Tetrachloroethene	10.86	164	109905	60.767	ug/l	98
65) Chlorobenzene	11.66	112	313638	56.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	114609	57.860	ug/l	99
67) Ethyl Benzene	11.73	91	541975	55.516	ug/l	98
68) m/p-Xylenes	11.84	106	428053	111.787	ug/l	99
69) o-Xylene	12.17	106	203943	56.214	ug/l	97
70) Styrene	12.18	104	345370	56.106	ug/l	99
71) Bromoform	12.35	173	59208	54.280	ug/l	# 99
73) Isopropylbenzene	12.47	105	559855	53.186	ug/l	99
74) N-amyl acetate	12.27	43	102076	42.317	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	88025	45.975	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	62028m	46.066	ug/l	
77) Bromobenzene	12.75	156	133063	56.487	ug/l	91
78) n-propylbenzene	12.80	91	641485	52.292	ug/l	99
79) 2-Chlorotoluene	12.90	91	364317	51.211	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	470742	52.802	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27828	43.132	ug/l	99
82) 4-Chlorotoluene	12.99	91	379836	51.440	ug/l	97
83) tert-Butylbenzene	13.21	119	430678	55.304	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	463028	52.147	ug/l	98
85) sec-Butylbenzene	13.38	105	579886	53.210	ug/l	99
86) p-Isopropyltoluene	13.50	119	531076	53.838	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	252990	54.741	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	255070	55.008	ug/l	98
89) n-Butylbenzene	13.83	91	490817	52.311	ug/l	99
90) Hexachloroethane	14.10	117	103019	53.956	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	230559	54.752	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15453	43.406	ug/l	93

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	164358	57.365	ug/l	99
94) Hexachlorobutadiene	15.24	225	95612	62.466	ug/l	97
95) Naphthalene	15.37	128	295779	49.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	141238	57.289	ug/l	99

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

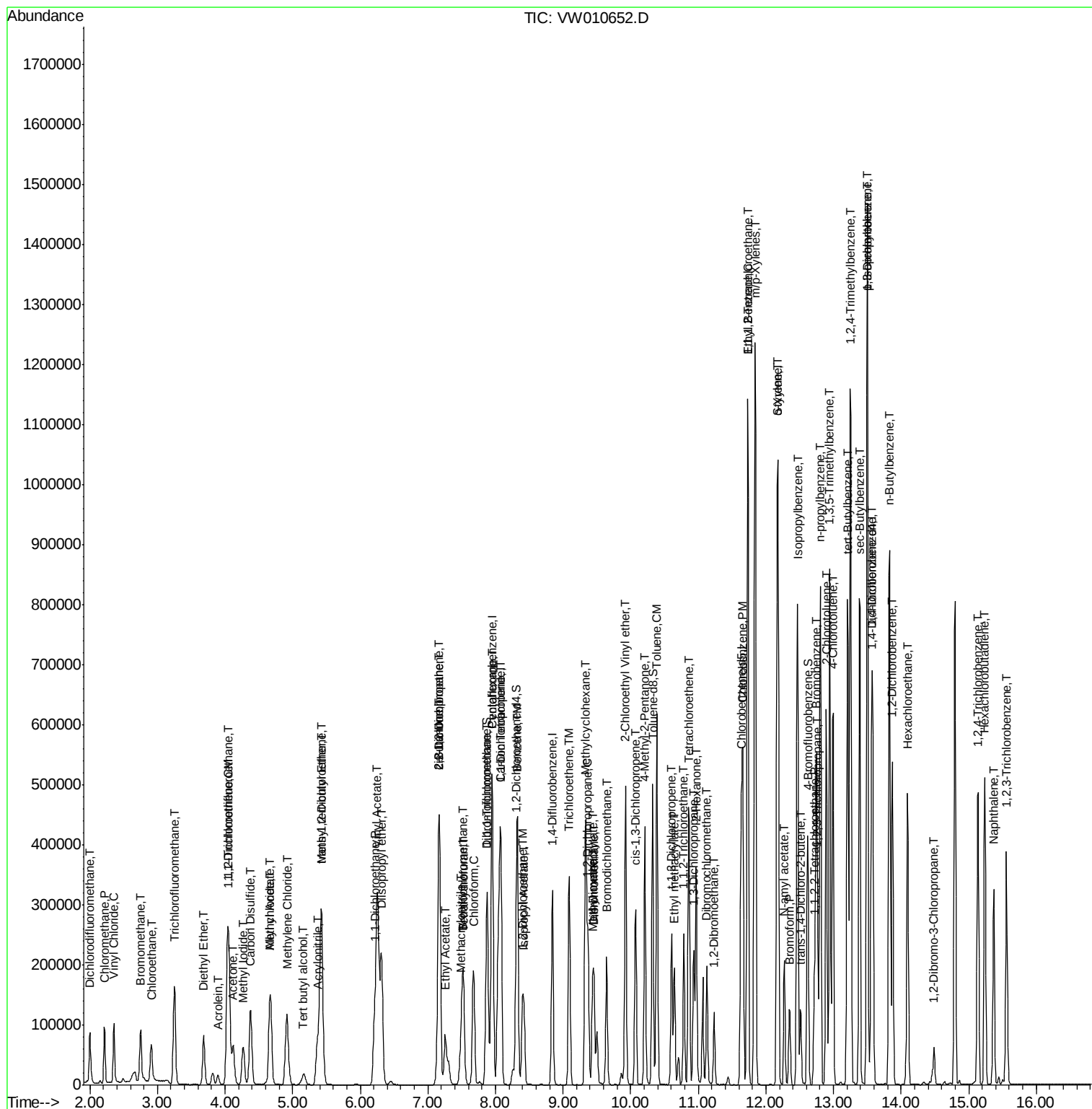
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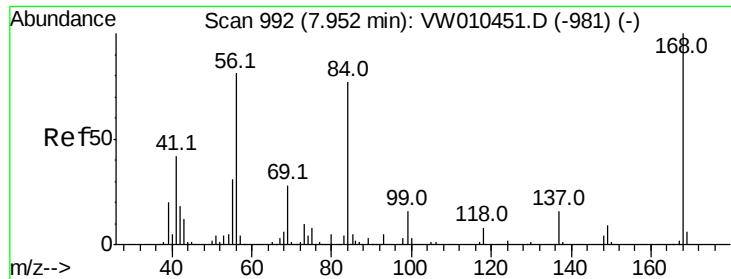
Instrument :
MSVOA_W
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#1

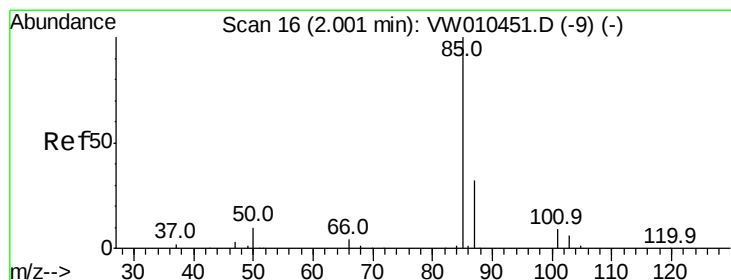
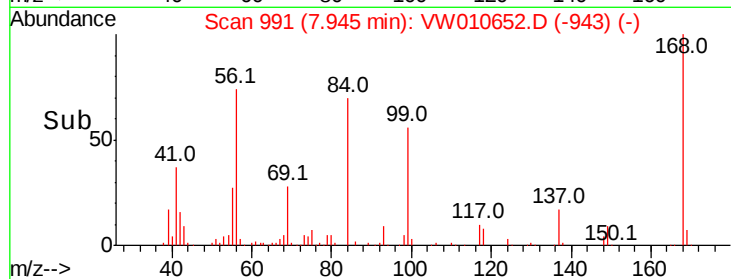
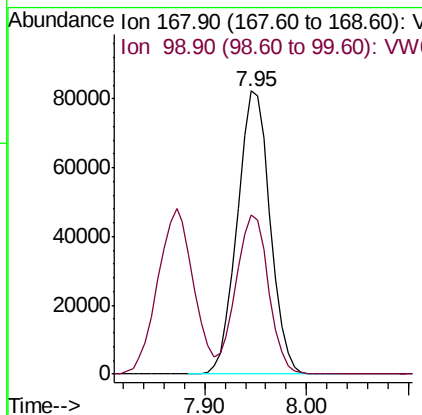
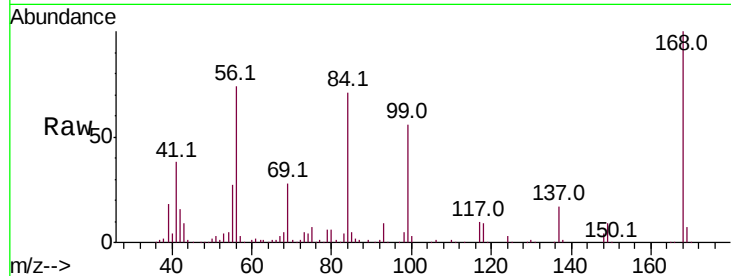
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.3	46.1	69.1

Manual Integrations
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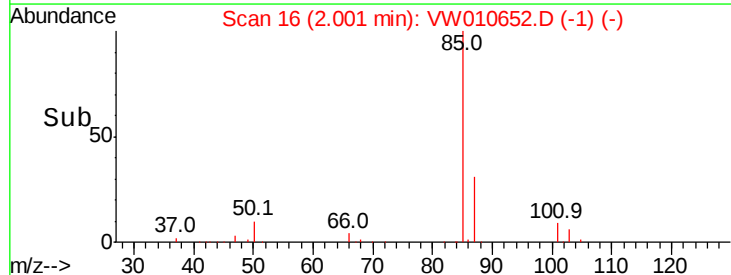
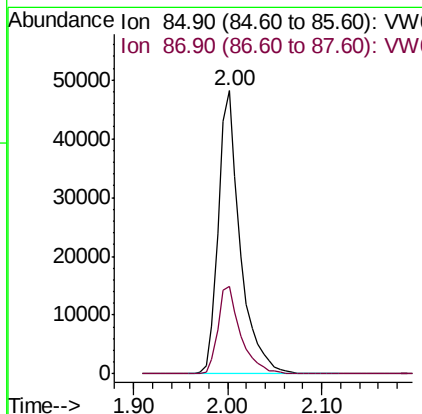
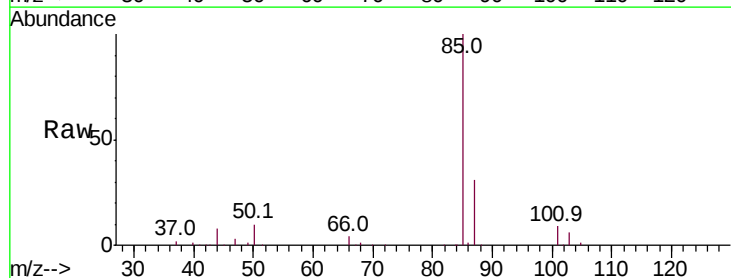
MMDadoda
 6/4/2019 12:12:42 PM

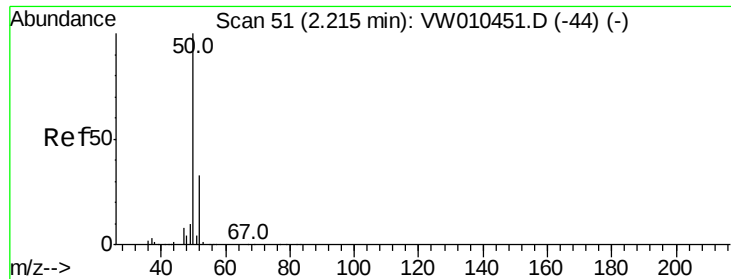


#2

Dichlorodifluoromethane
 Concen: 47.366 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.3	48.8





#3

Chloromethane

Concen: 41.080 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 79231

Ion Ratio Lower Upper

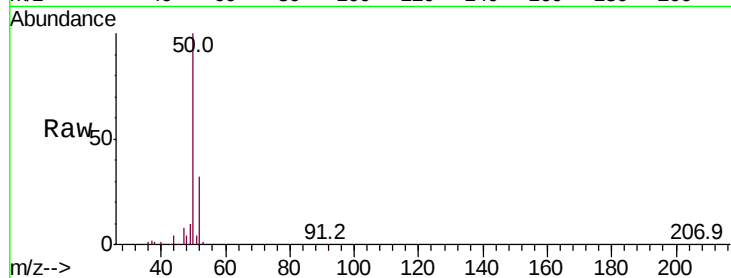
50 100

52 31.9 26.3 39.5

Manual Integrations
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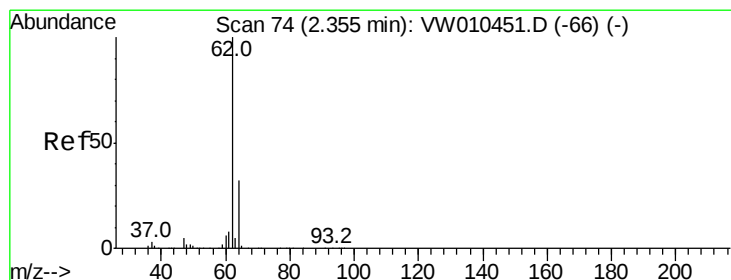
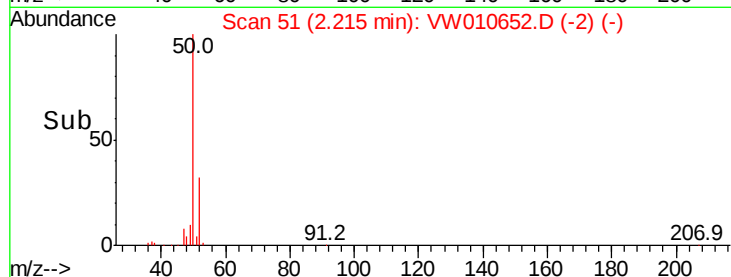
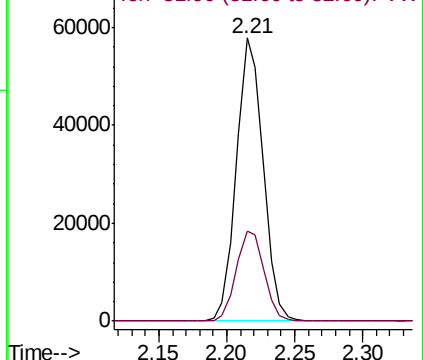
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 40.556 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010652.D

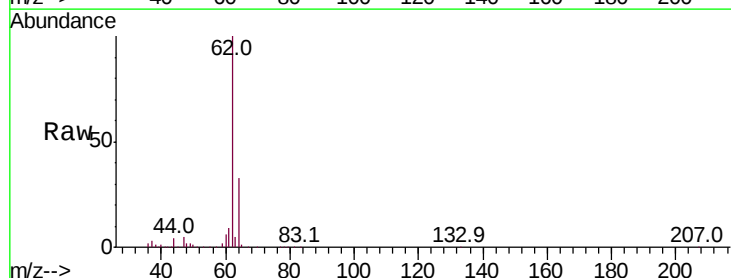
Acq: 03 Jun 2019 11:36

Tgt Ion: 62 Resp: 90606

Ion Ratio Lower Upper

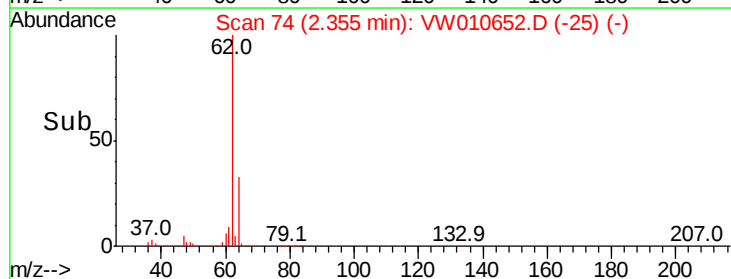
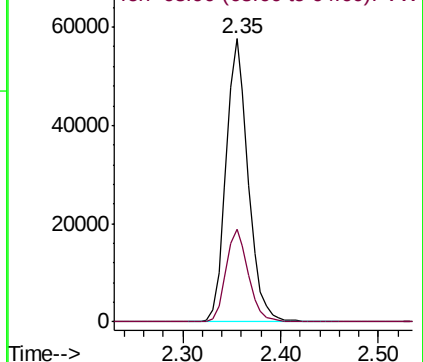
62 100

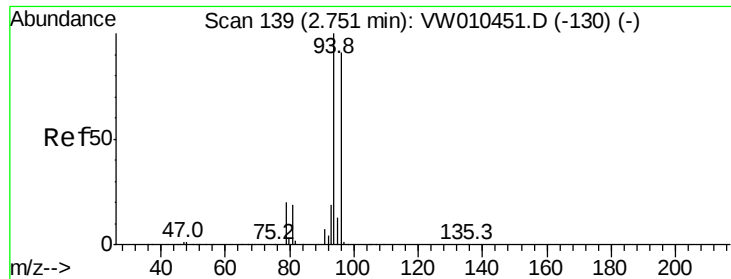
64 32.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 42.582 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 65446

Ion Ratio Lower Upper

94 100

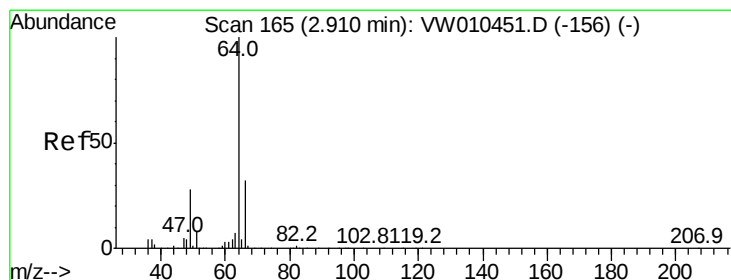
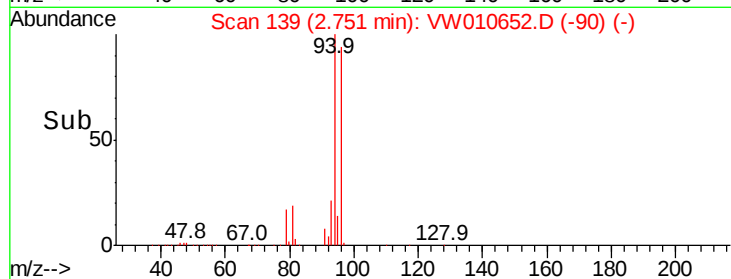
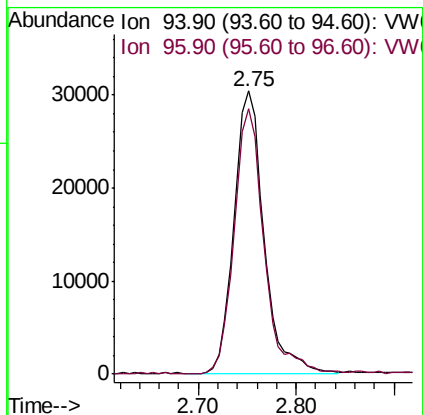
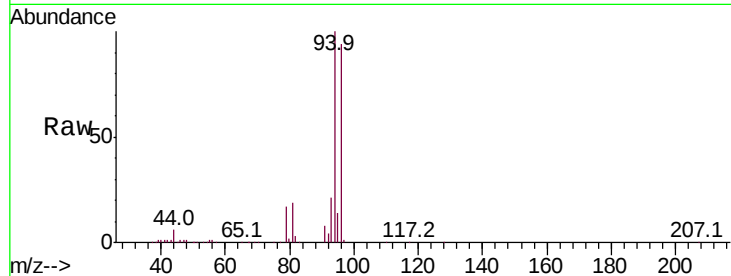
96 93.6 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 45.032 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010652.D

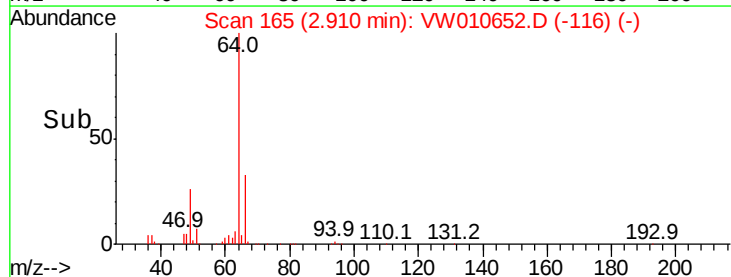
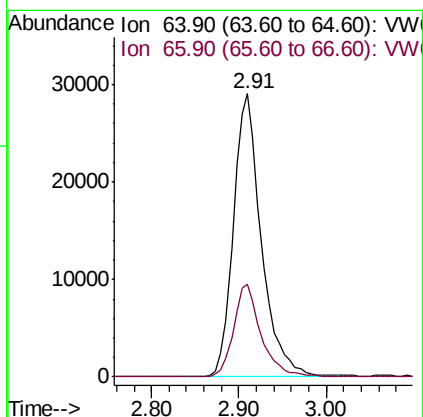
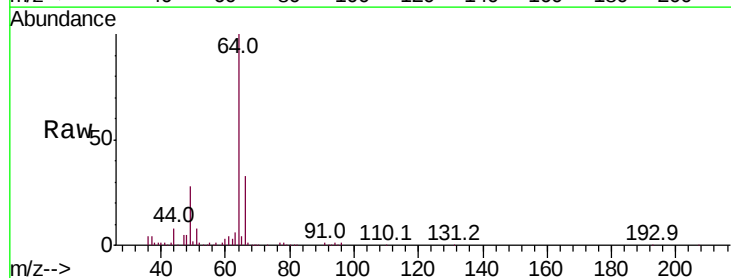
Acq: 03 Jun 2019 11:36

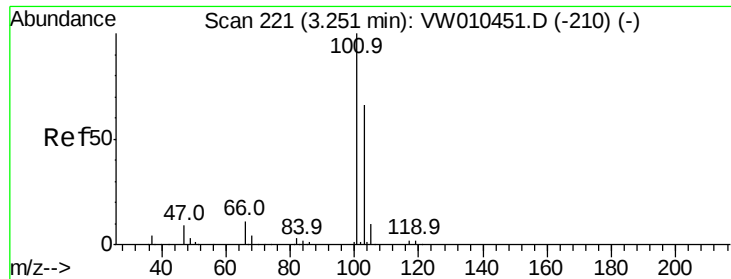
Tgt Ion: 64 Resp: 64583

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3





#7

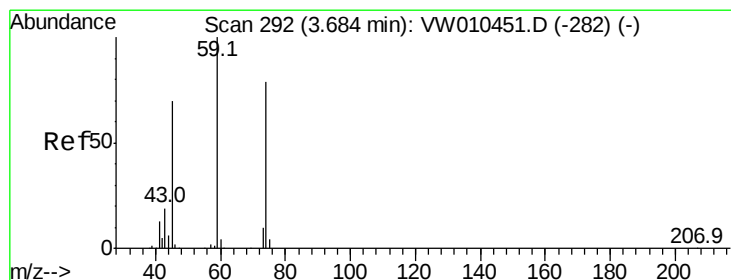
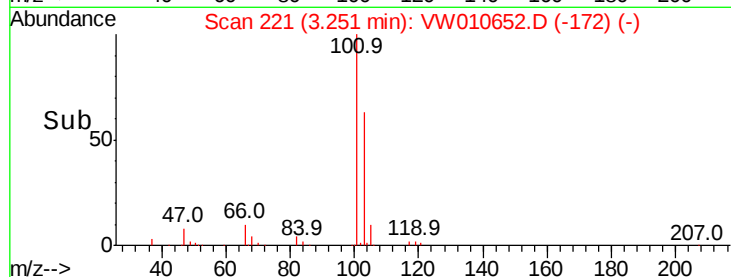
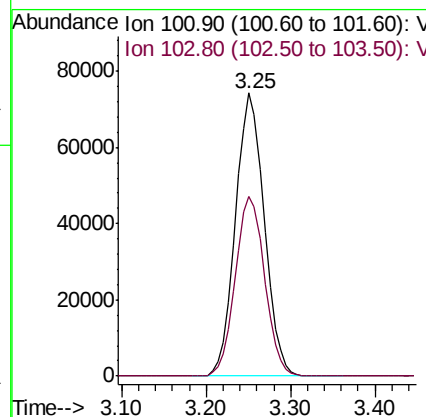
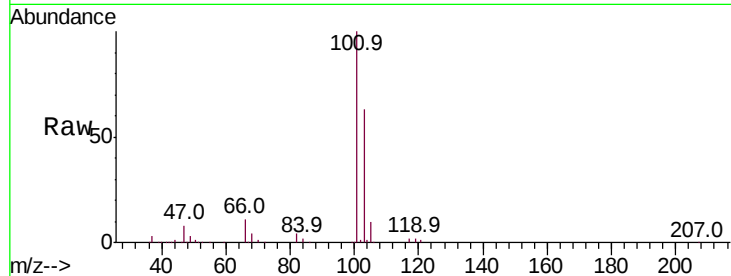
Trichlorofluoromethane
Concen: 51.999 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	53.0	79.4

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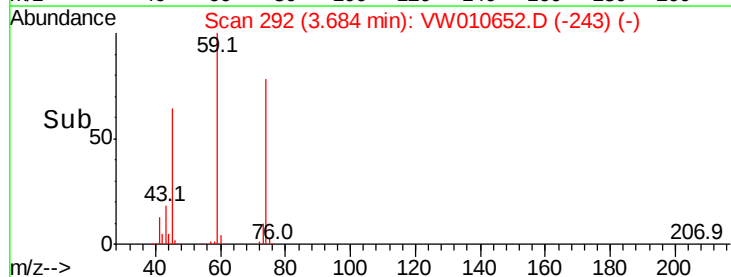
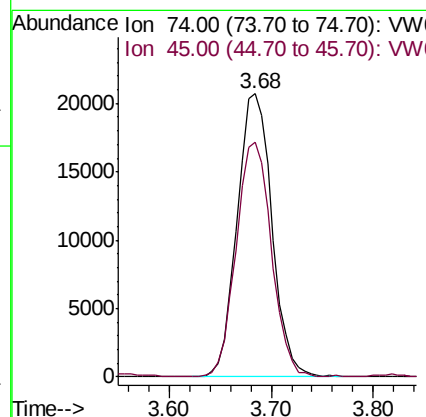
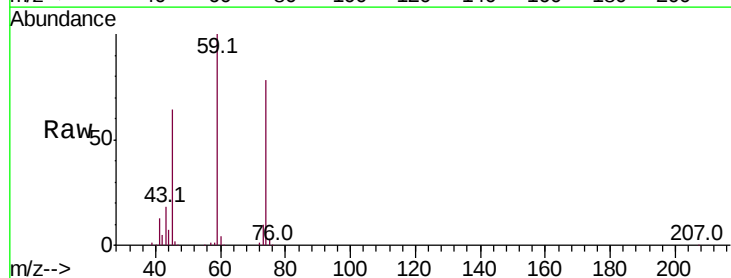
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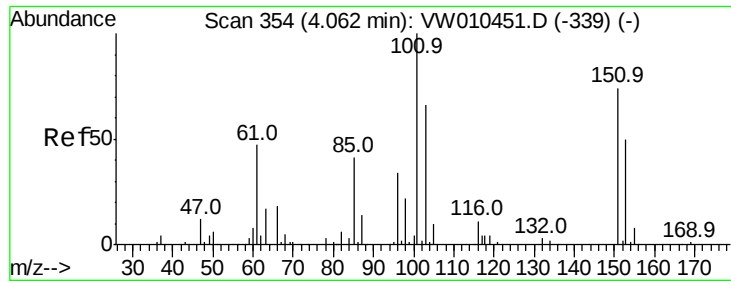


#8

Diethyl Ether
Concen: 46.903 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.7	42.9	128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.387 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

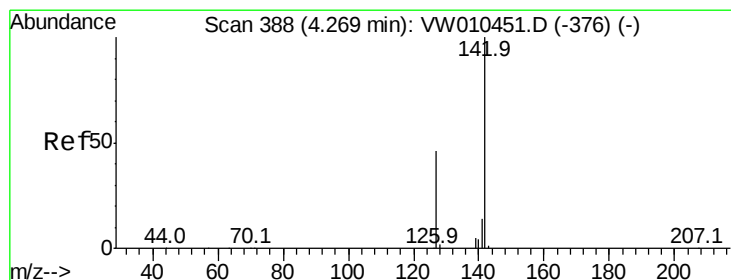
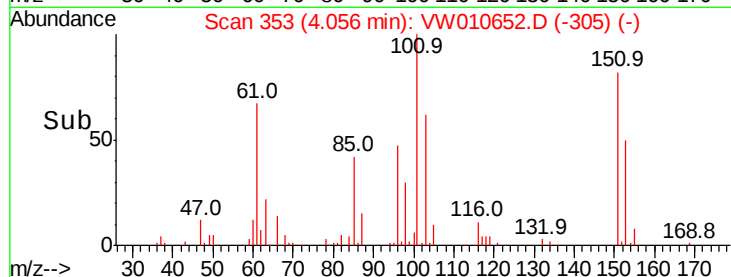
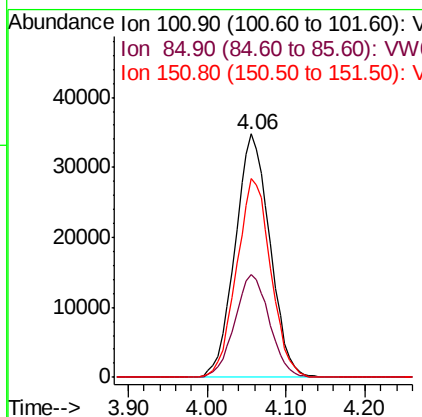
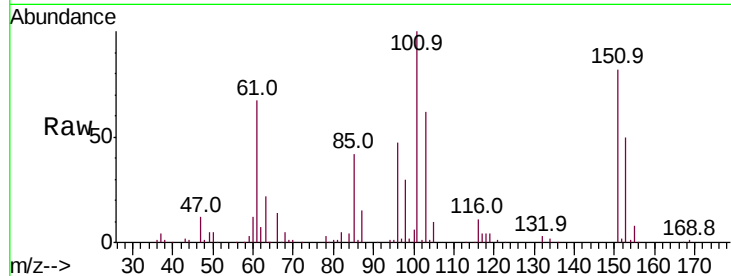
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	106410
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.3	51.5
151	80.3	60.3	90.5

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#10

Methyl Iodide

Concen: 45.667 ug/l

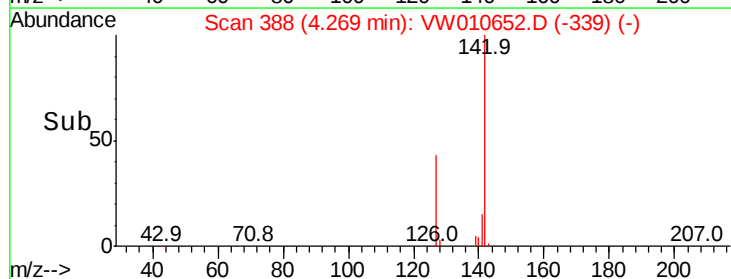
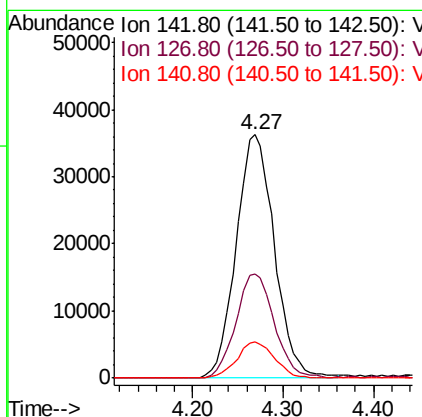
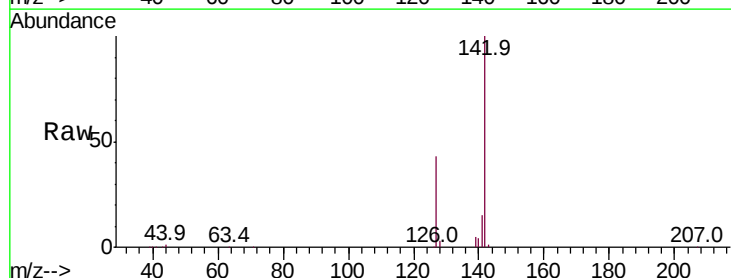
RT: 4.27 min Scan# 388

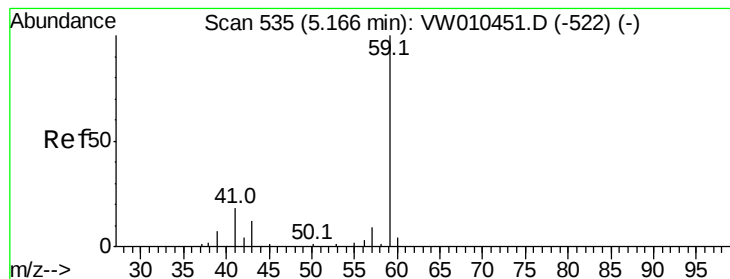
Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion:	142	Resp:	106024
Ion Ratio	Lower	Upper	
142	100		
127	43.1	36.1	54.1
141	14.8	11.3	16.9





#11

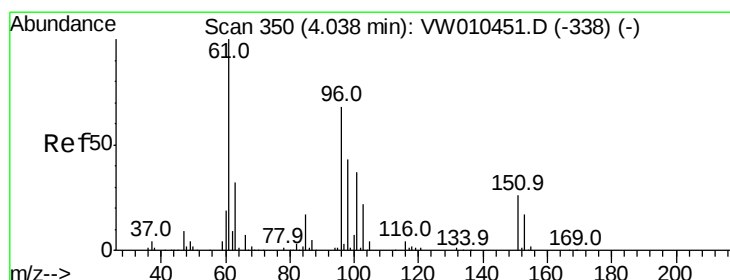
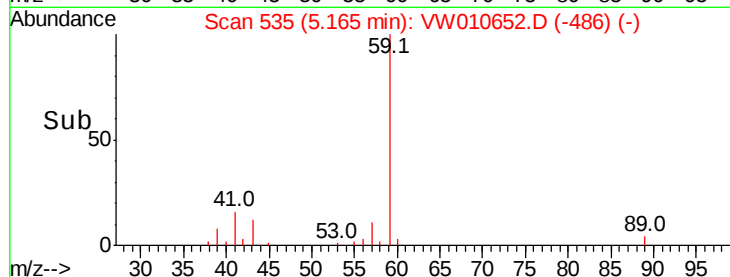
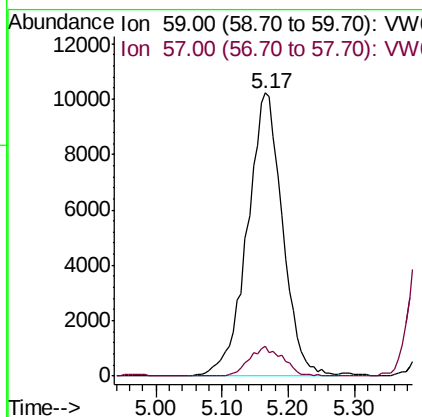
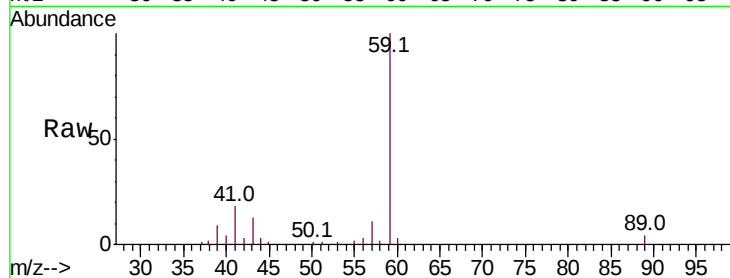
Tert butyl alcohol
Concen: 221.942 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	59	Resp	37826
Ion Ratio	100	Lower	Upper
57	10.1	8.8	13.2

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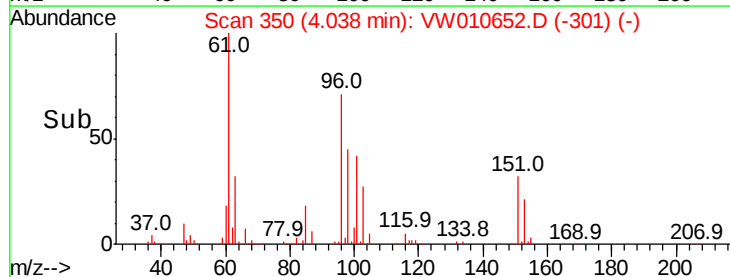
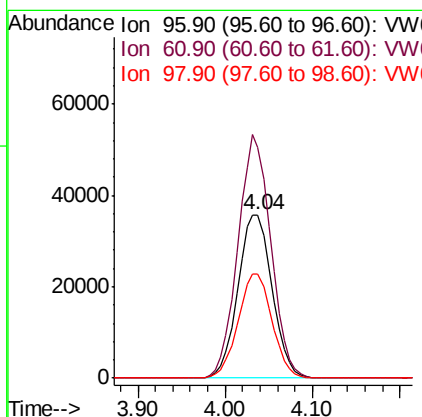
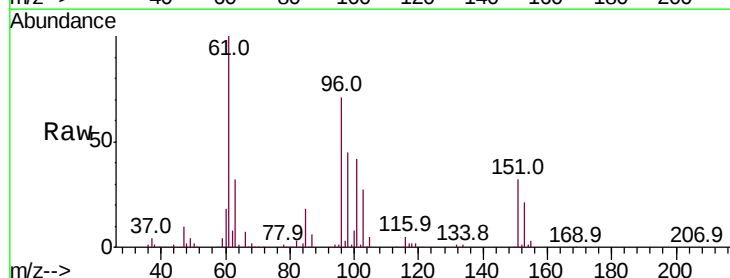
MMDadoda
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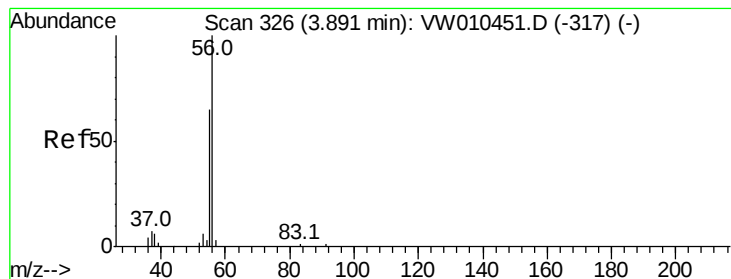


#12

1,1-Dichloroethene
Concen: 50.125 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	96	Resp	97191
Ion Ratio	100	Lower	Upper
61	141.3	118.3	177.5
98	63.6	51.0	76.6





#13

Acrolein

Concen: 201.703 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 20459

Ion Ratio Lower Upper

56 100

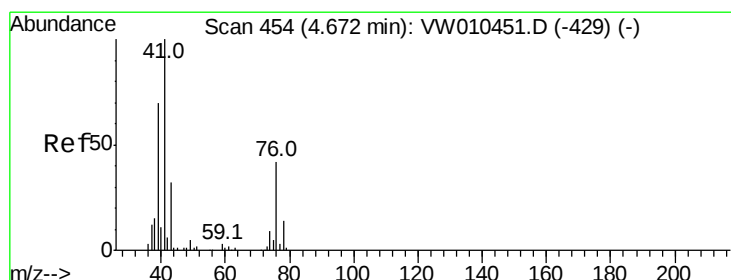
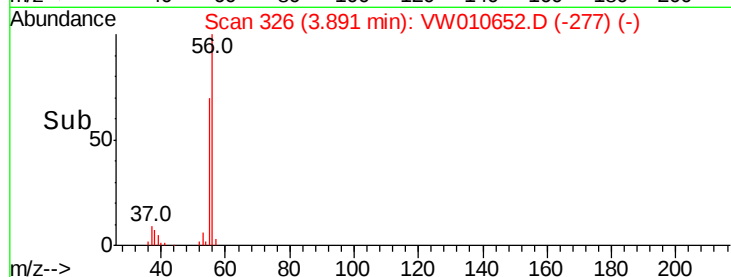
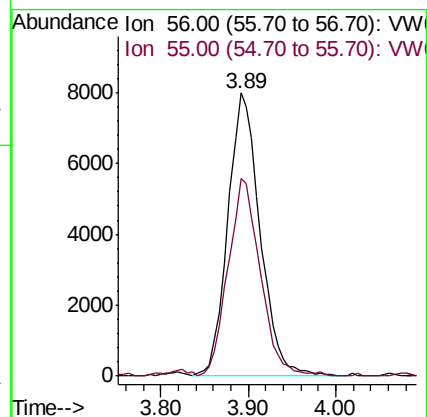
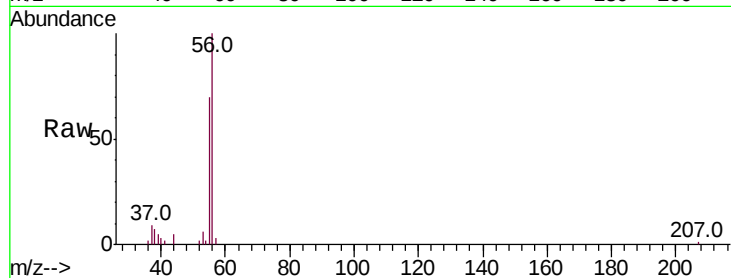
55 69.6 57.9 86.9

Manual Integrations

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#14

Allyl chloride

Concen: 47.739 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

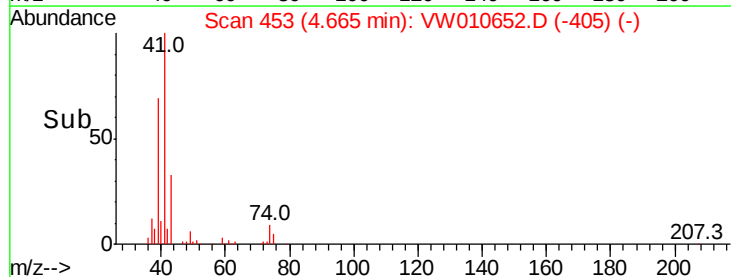
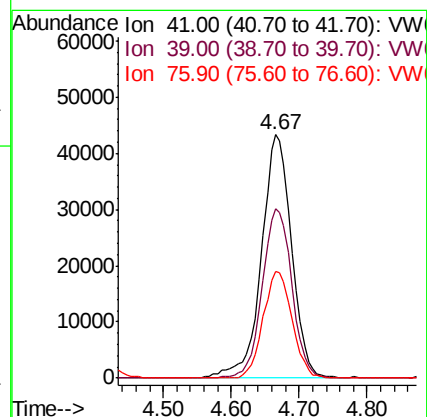
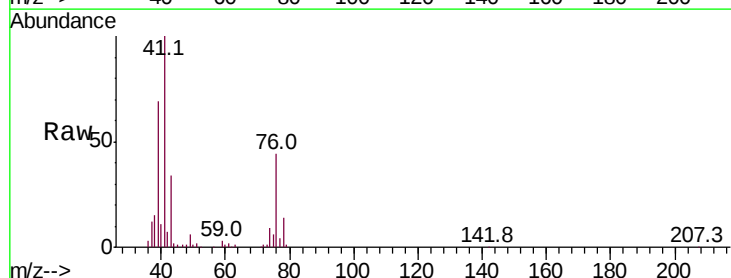
Tgt Ion: 41 Resp: 133988

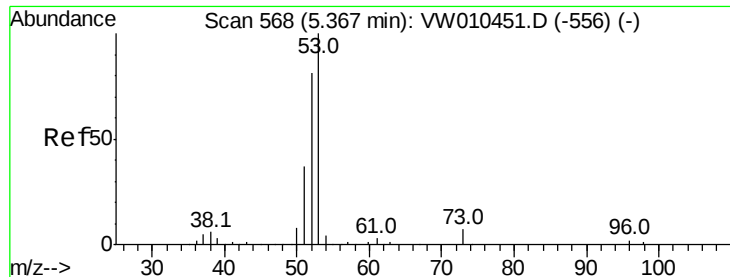
Ion Ratio Lower Upper

41 100

39 68.5 55.0 82.4

76 42.1 32.8 49.2





#15

Acrylonitrile

Concen: 218.654 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

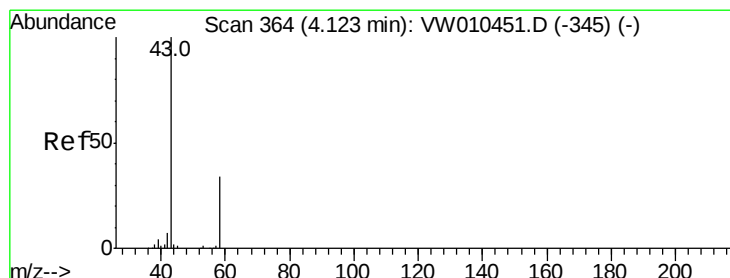
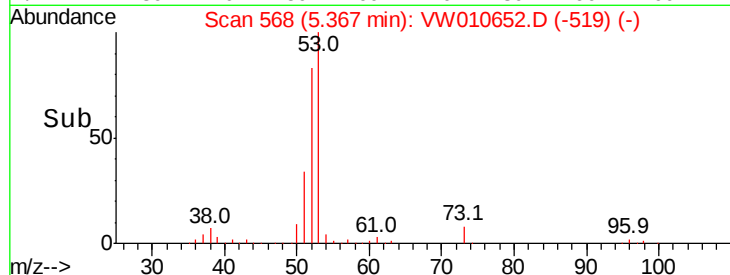
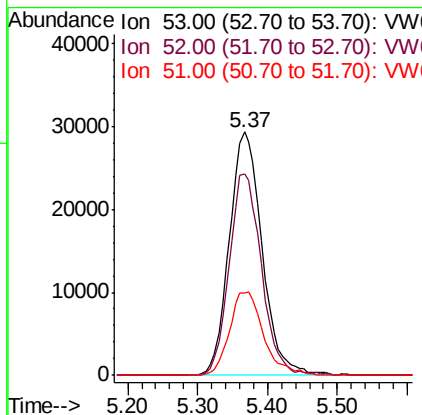
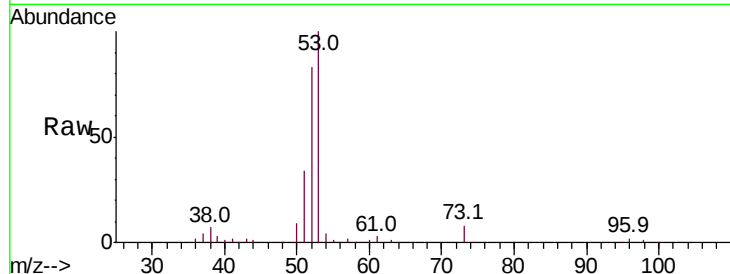
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	95743
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.6	98.4
51	35.8	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 289.900 ug/l

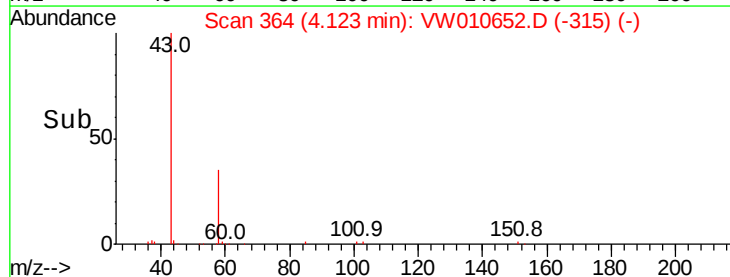
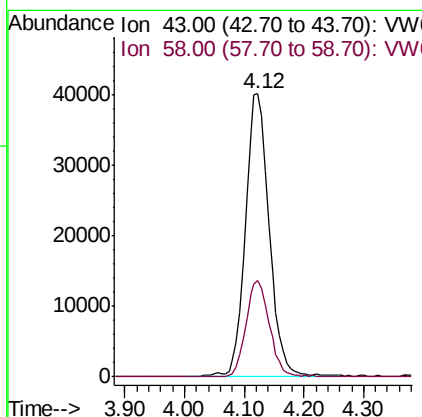
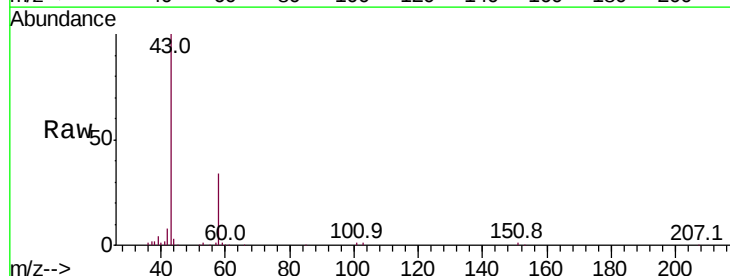
RT: 4.12 min Scan# 364

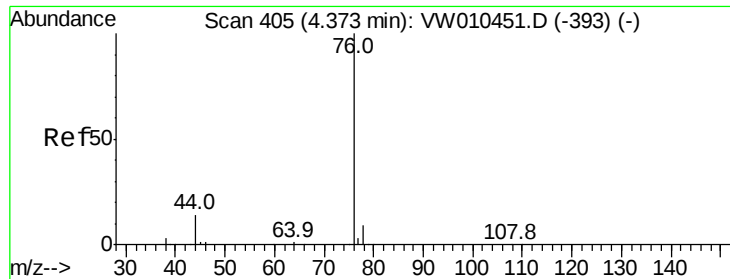
Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion:	43	Resp:	112122
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.0	40.4





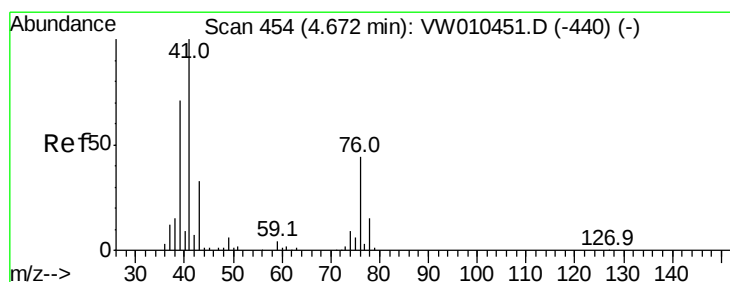
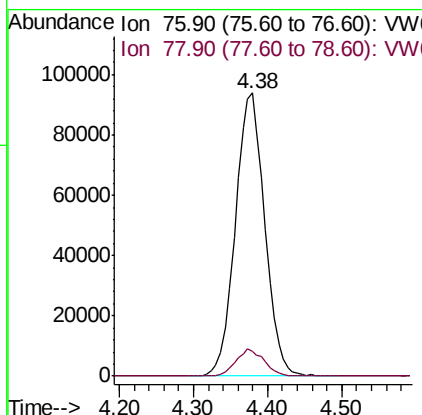
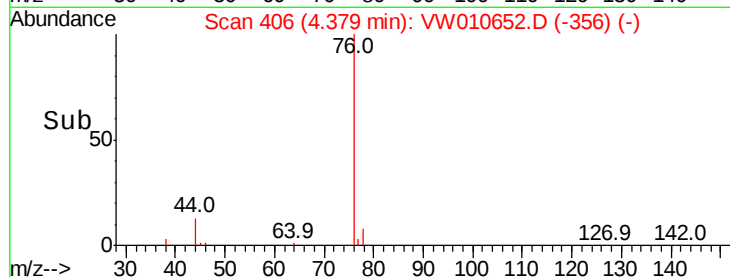
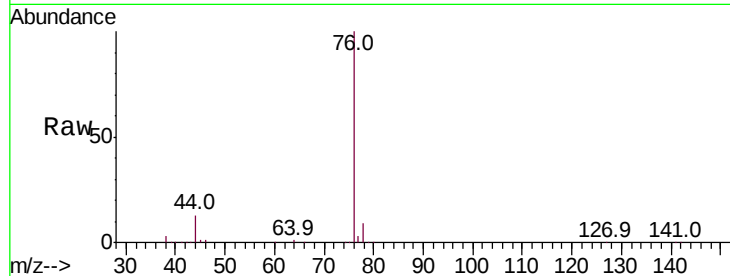
#17
Carbon Disulfide
Concen: 44.875 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

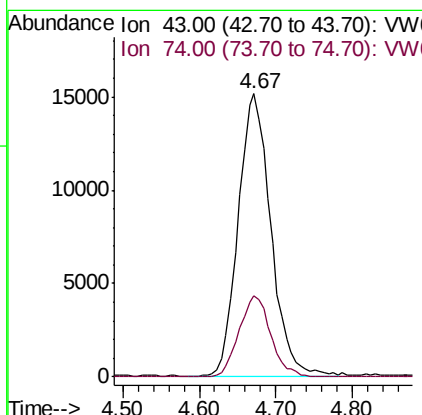
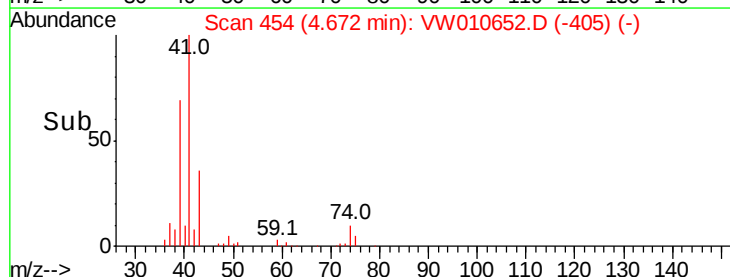
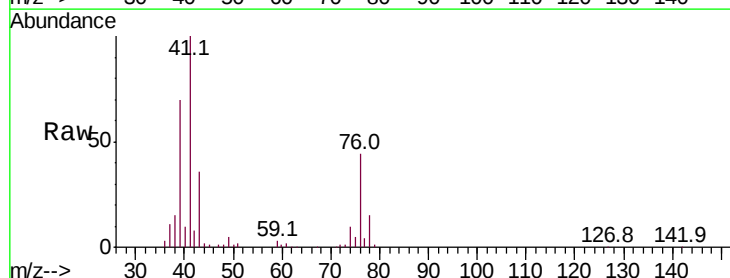
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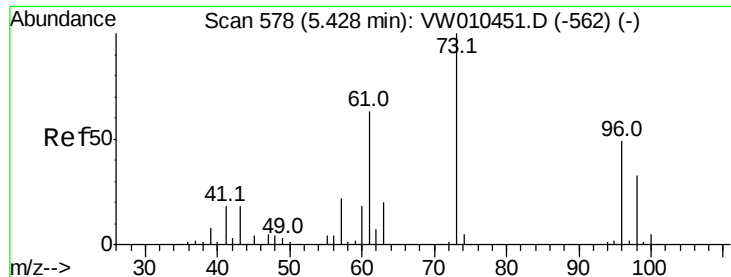
MMDadoda
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#18
Methyl Acetate
Concen: 47.836 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	21.6	32.4





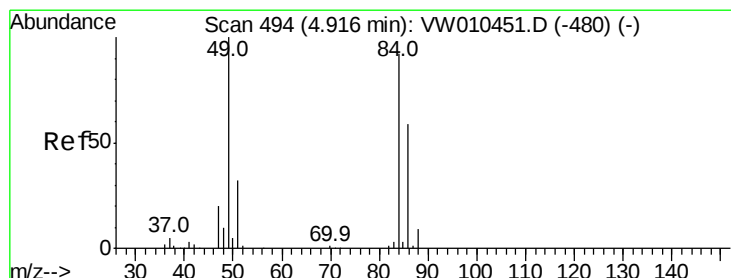
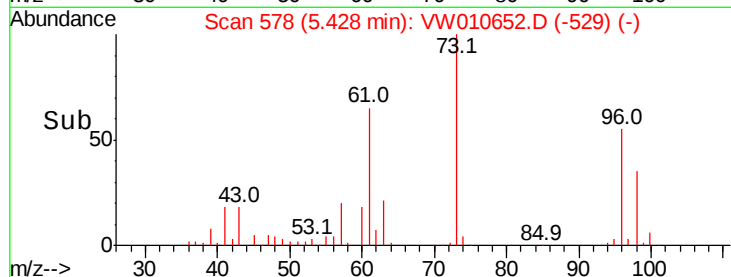
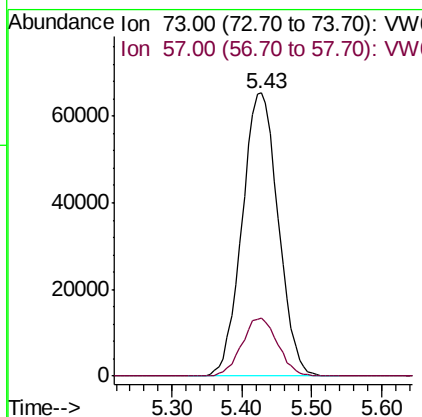
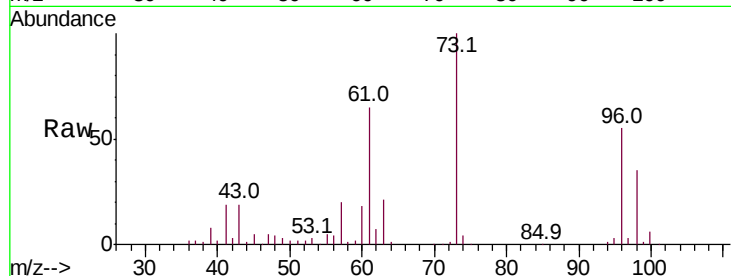
#19
Methvl tert-butvl Ether
Concen: 47.293 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 233773
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.0

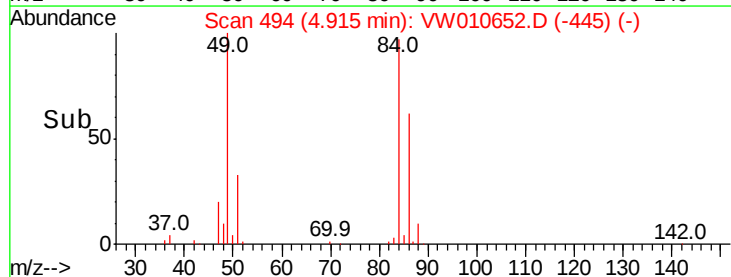
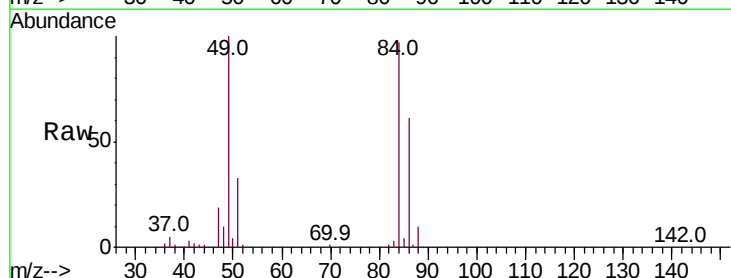
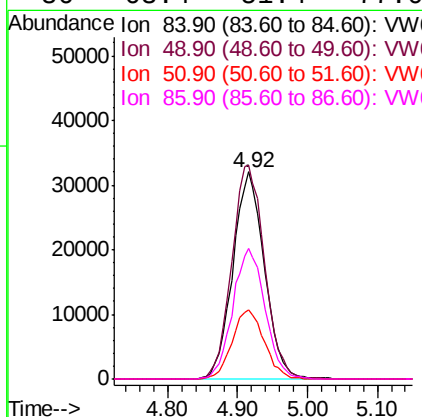
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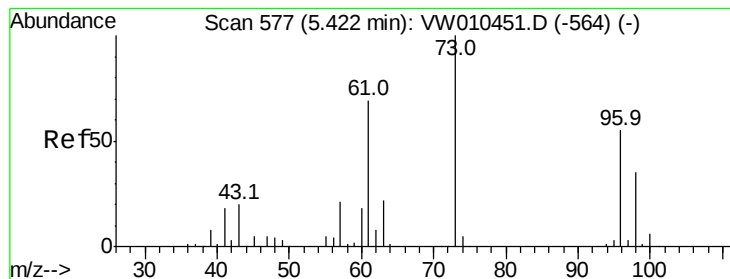
MMDadoda
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#20
Methylene Chloride
Concen: 43.562 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 84 Resp: 100339
Ion Ratio Lower Upper
84 100
49 103.2 87.2 130.8
51 33.5 27.7 41.5
86 63.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 50.657 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 112665

Ion Ratio Lower Upper

96 100

61 125.0 101.4 152.0

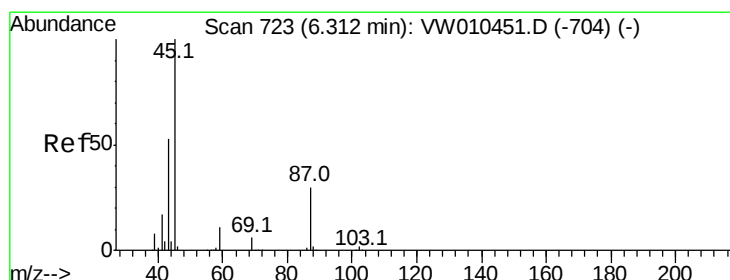
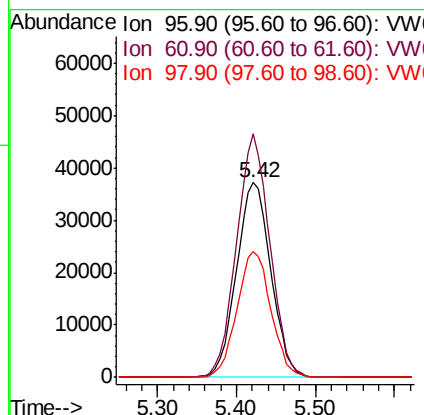
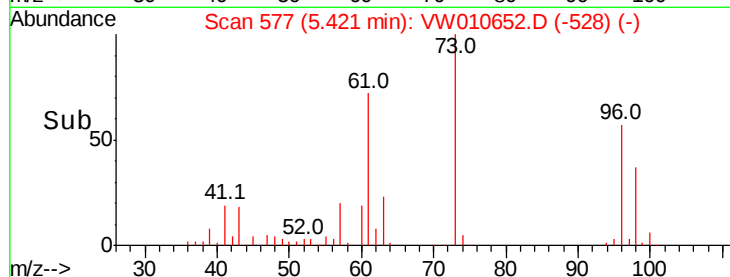
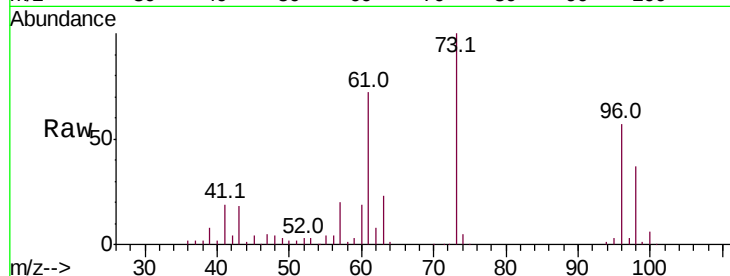
98 65.0 50.6 76.0

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#22

Diisopropyl ether

Concen: 47.604 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion: 45 Resp: 273961

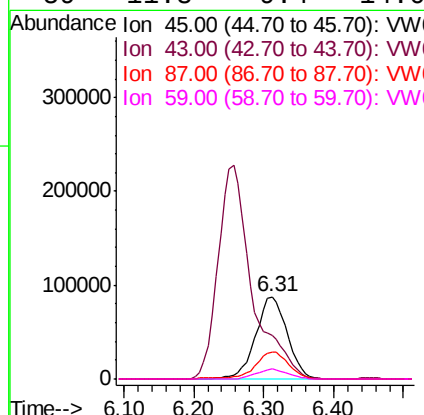
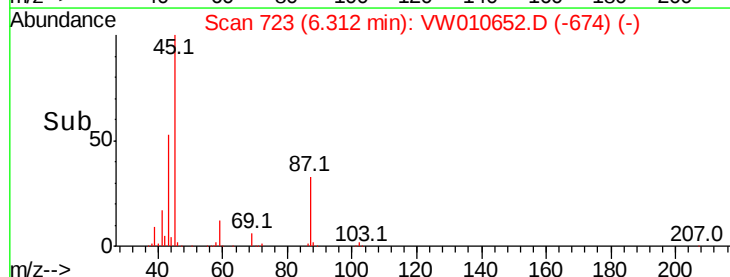
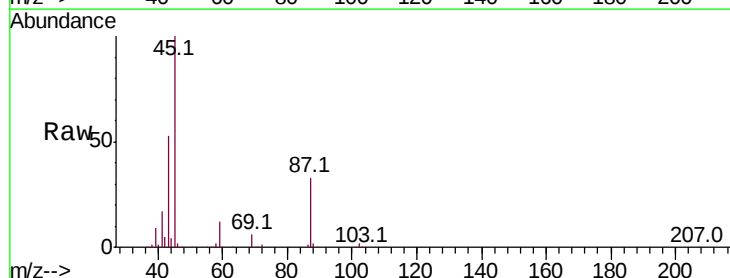
Ion Ratio Lower Upper

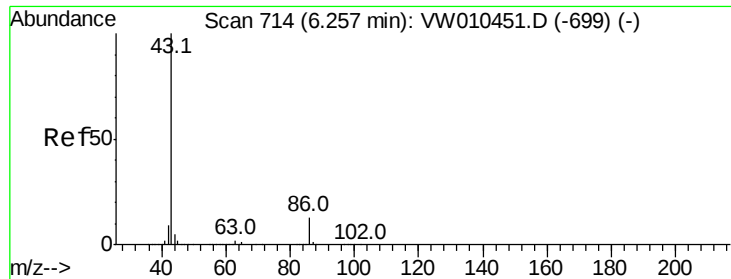
45 100

43 52.3 42.9 64.3

87 32.8 24.6 36.8

59 11.8 9.4 14.0





#23

Vinyl Acetate

Concen: 223.946 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 769859

Ion Ratio Lower Upper

43 100

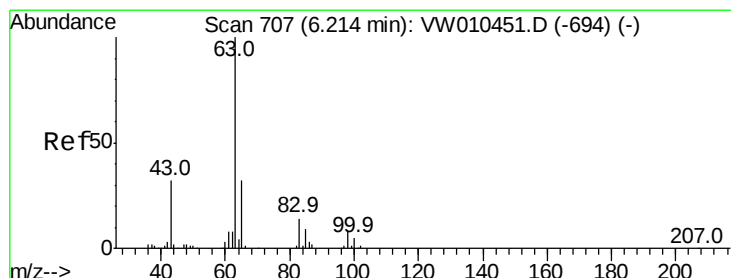
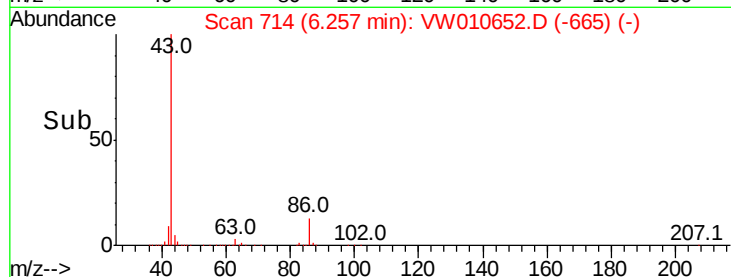
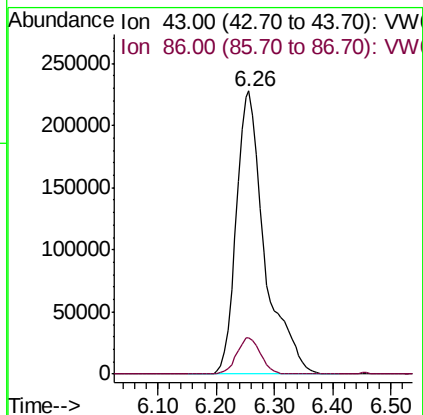
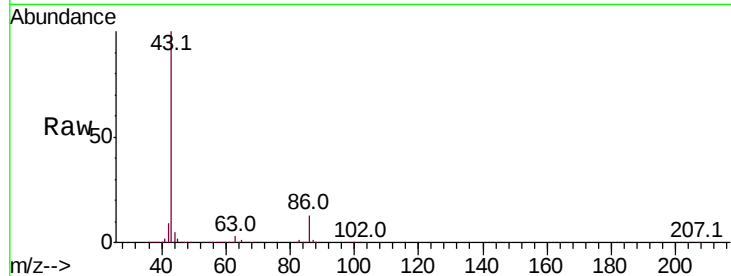
86 13.0 10.3 15.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.768 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

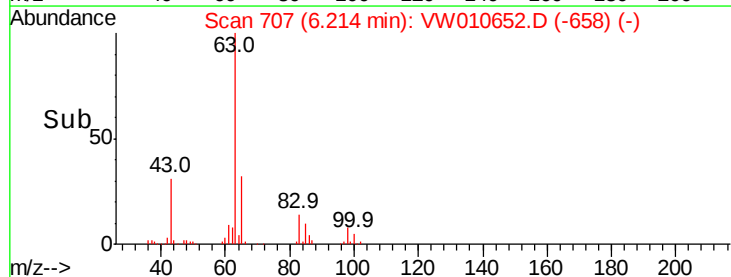
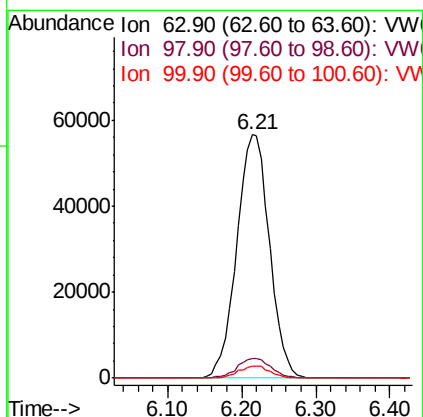
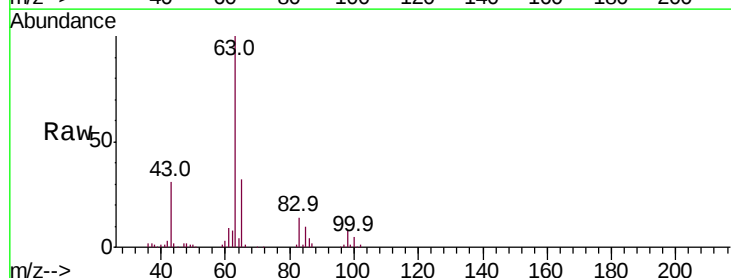
Tgt Ion: 63 Resp: 174352

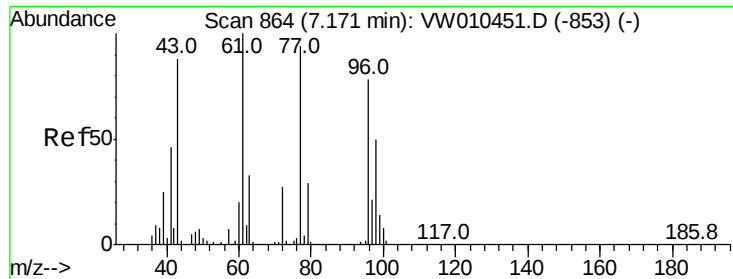
Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.2

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 244.098 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 135106

Ion Ratio Lower Upper

43 100

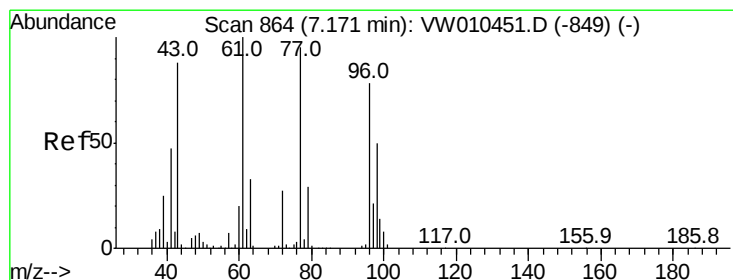
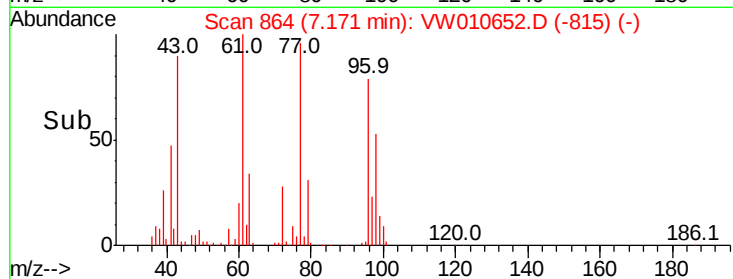
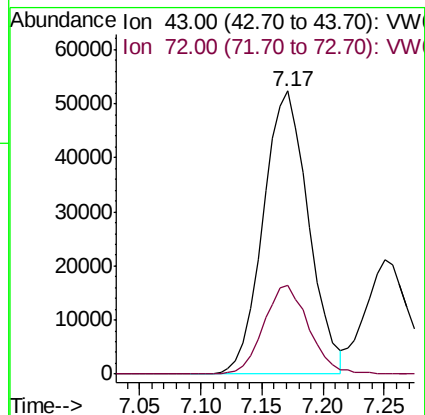
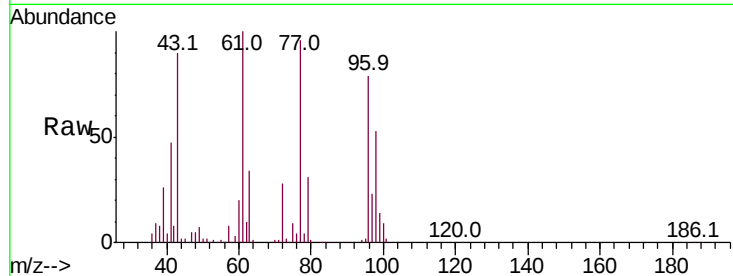
72 31.4 24.1 36.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.618 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010652.D

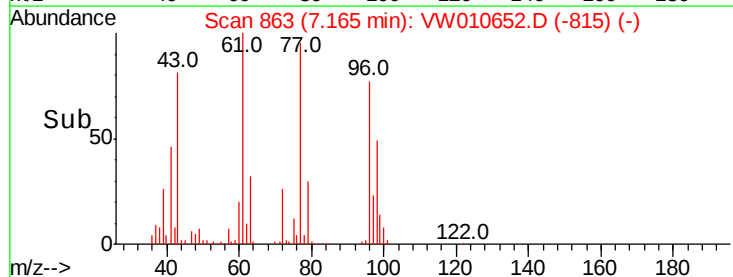
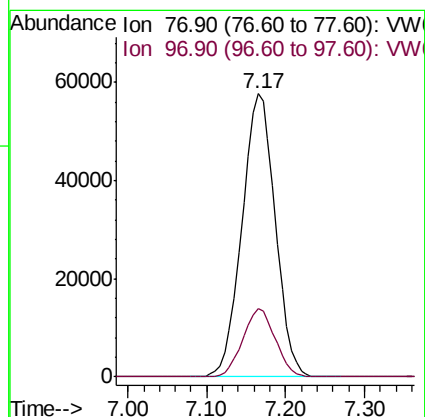
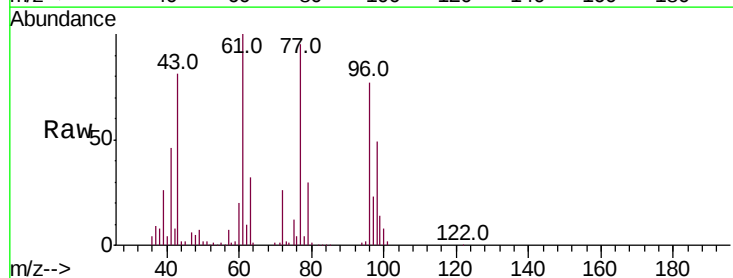
Acq: 03 Jun 2019 11:36

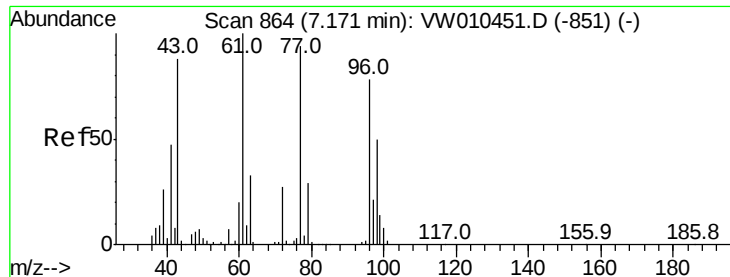
Tgt Ion: 77 Resp: 168860

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

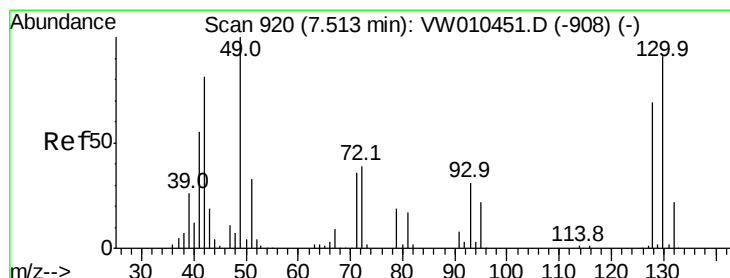
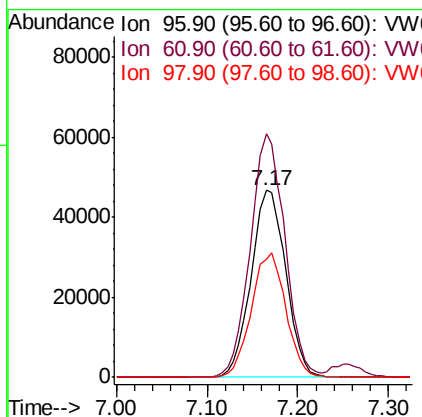
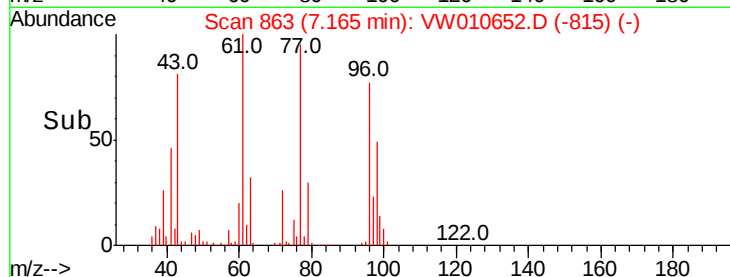
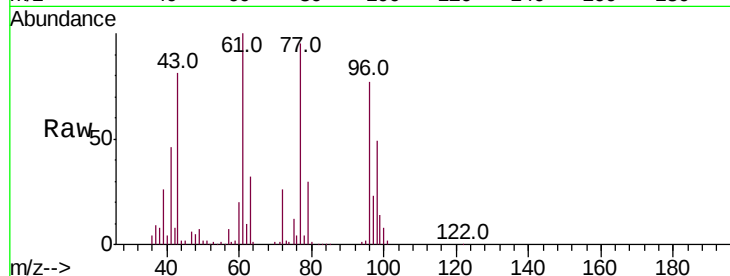
cis-1,2-Dichloroethene
Concen: 51.379 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.9	0.0	265.4	
98	66.0	0.0	129.4	

Manual Integrations
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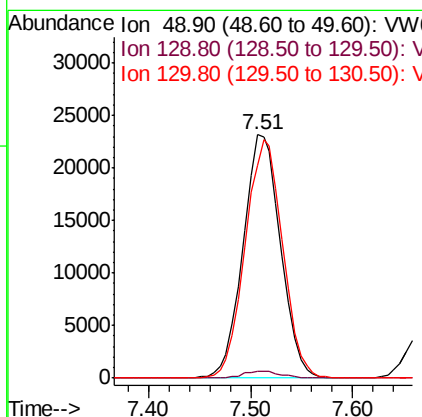
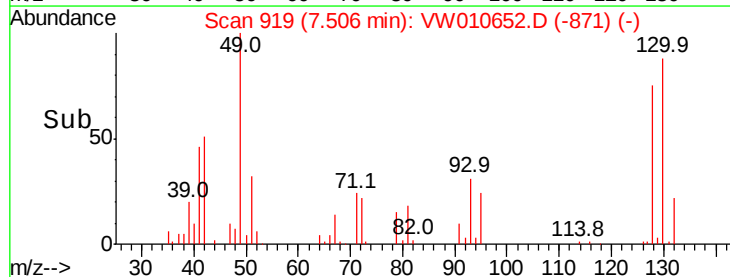
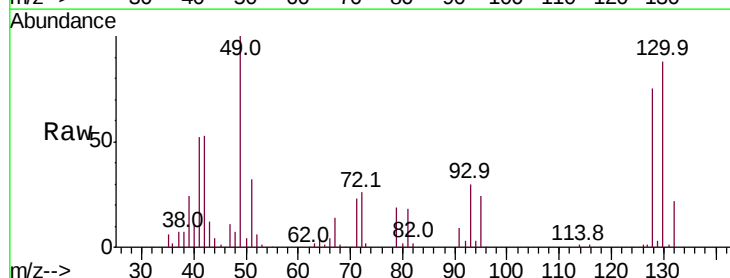
MMDadoda
6/4/2019 12:12:42 PM

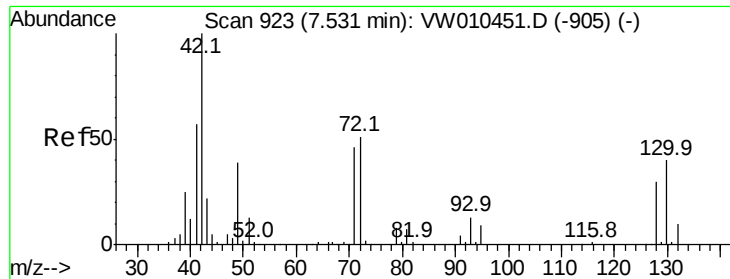


#28

Bromochloromethane
Concen: 48.073 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	4.8	
130	97.9	71.2	106.8	





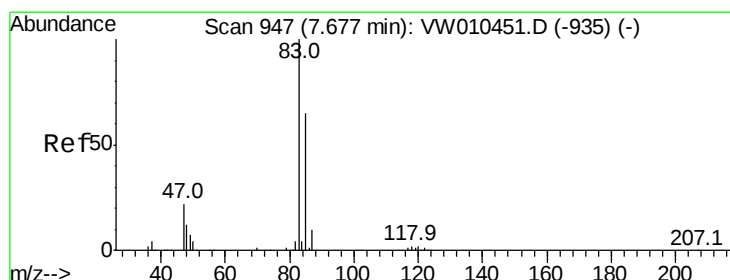
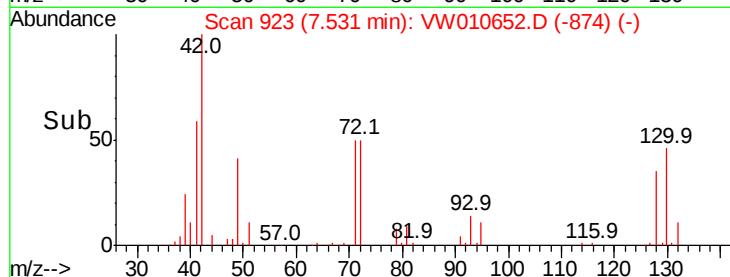
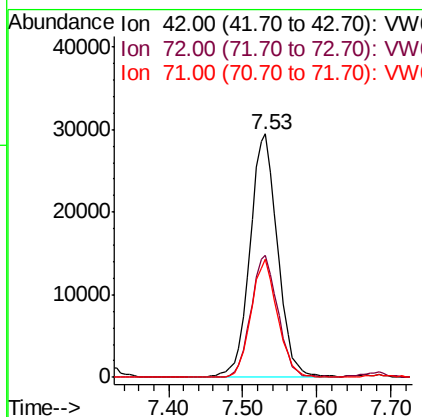
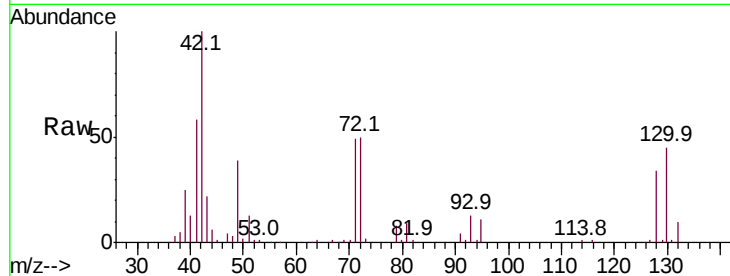
#29
Tetrahydrofuran
Concen: 204.811 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	76709
Ion Ratio	Lower	Upper	
42	100		
72	49.1	38.5	57.7
71	46.3	36.5	54.7

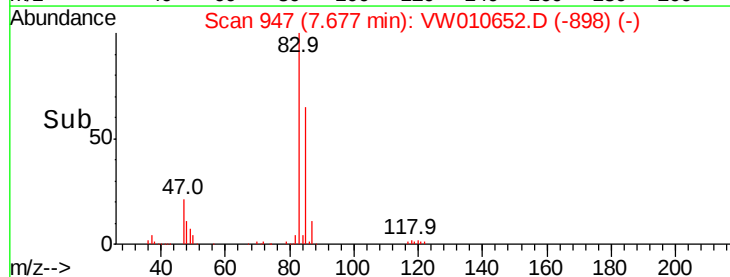
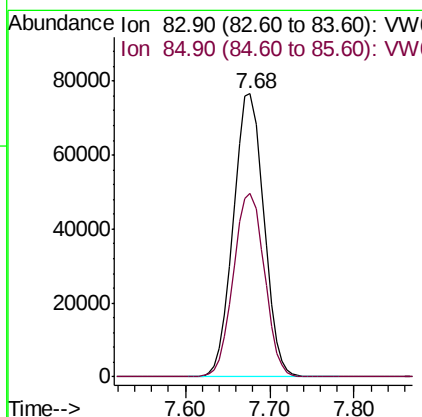
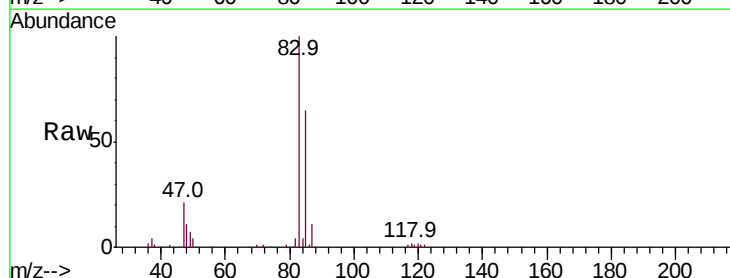
Manual Integrations
APPROVED

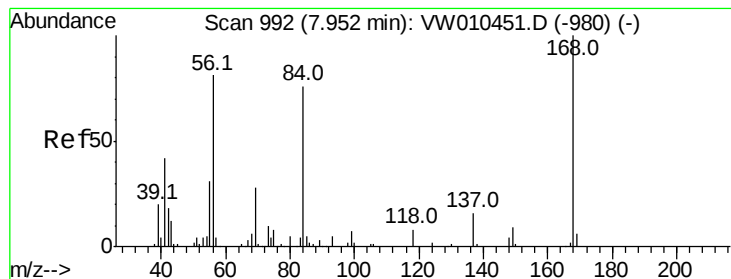
MMDadoda
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#30
Chloroform
Concen: 50.675 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion:	83	Resp:	187718
Ion Ratio	Lower	Upper	
83	100		
85	64.7	52.2	78.4





#31

Cyclohexane

Concen: 45.822 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 164842

Ion Ratio Lower Upper

56 100

69 37.9 28.2 42.2

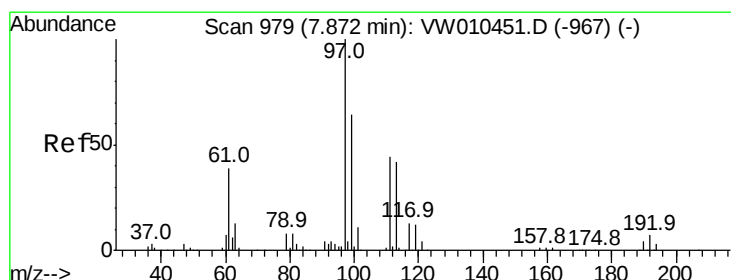
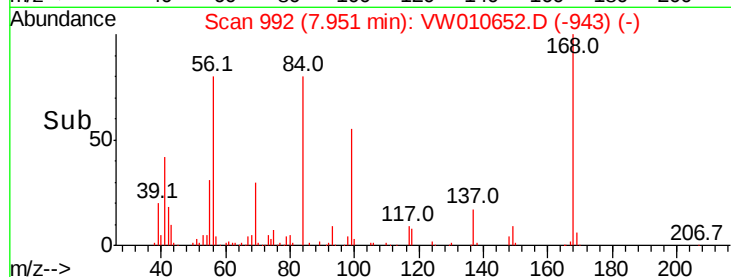
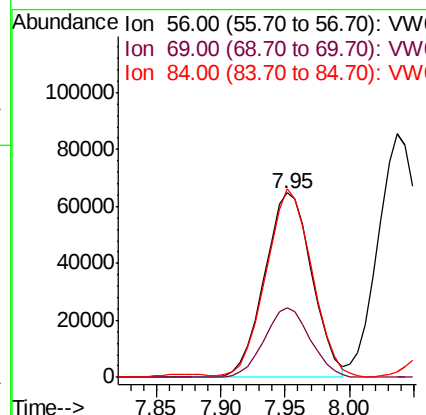
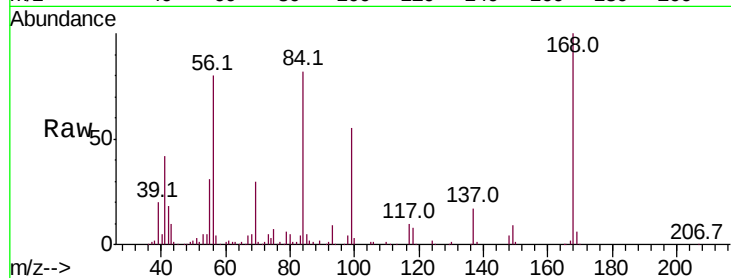
84 100.9 75.8 113.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 51.950 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

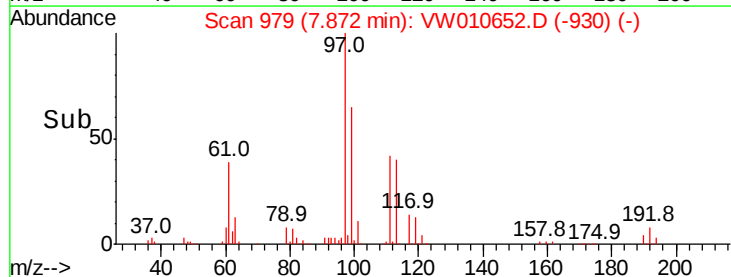
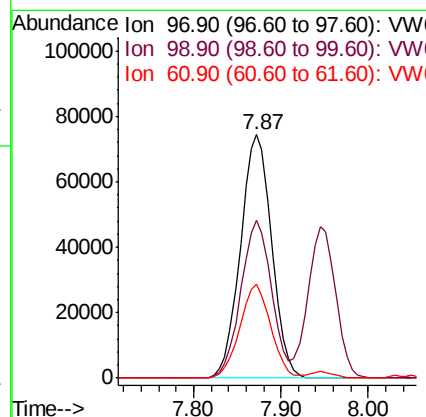
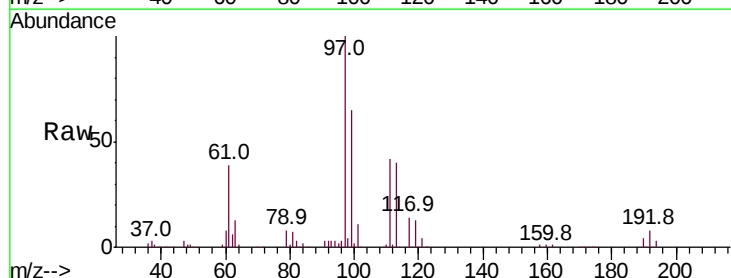
Tgt Ion: 97 Resp: 183934

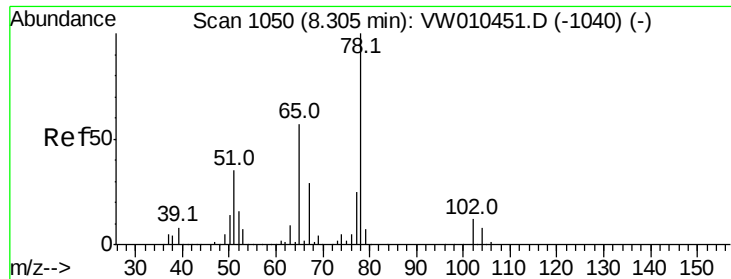
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 38.2 32.1 48.1





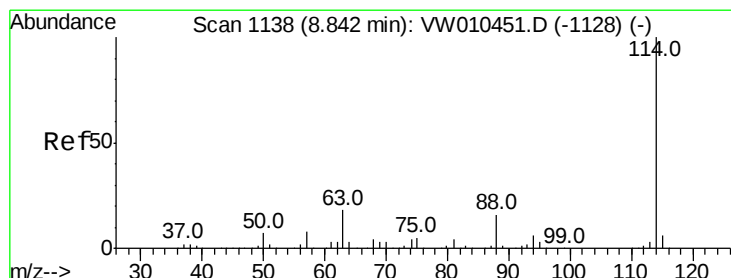
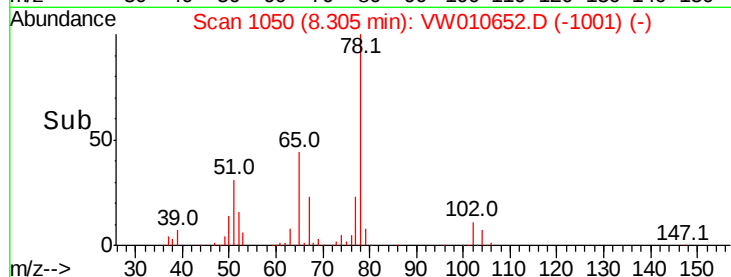
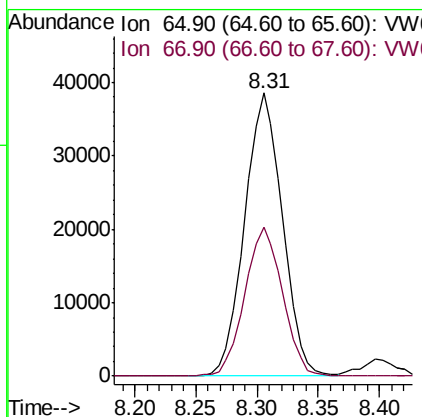
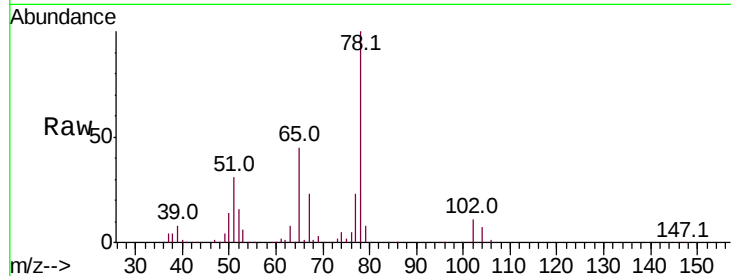
#33
 1,2-Dichloroethane-d4
 Concen: 43.720 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.6

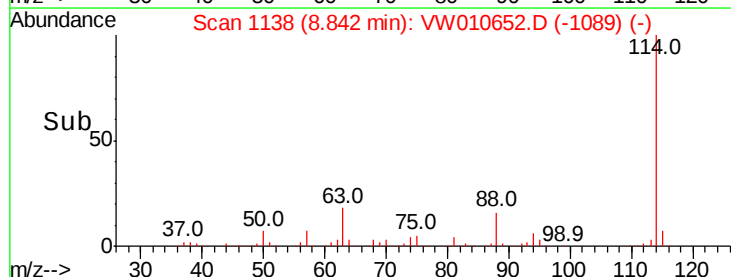
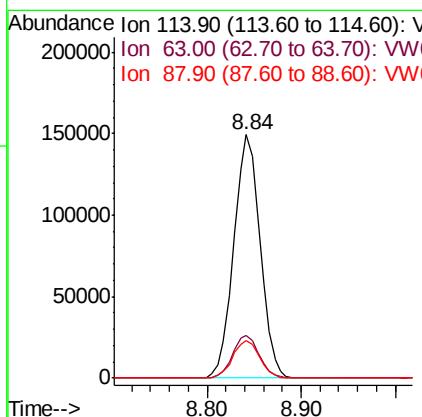
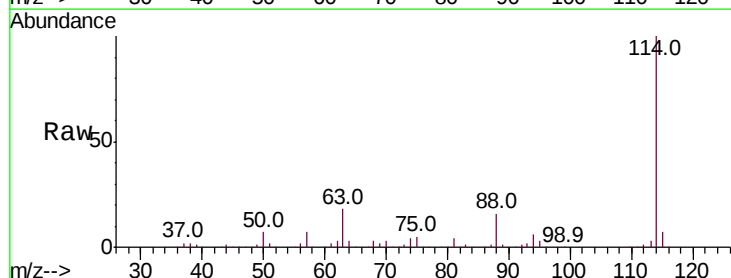
Manual Integrations
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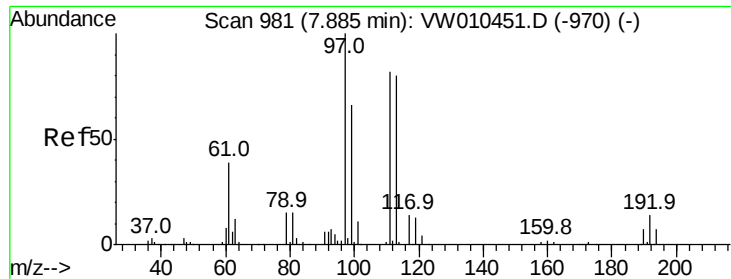
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.0
88	15.6	0.0	32.0





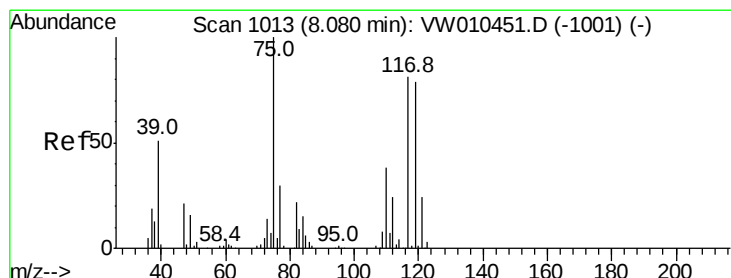
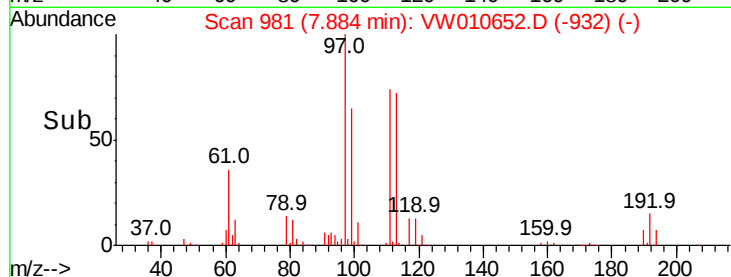
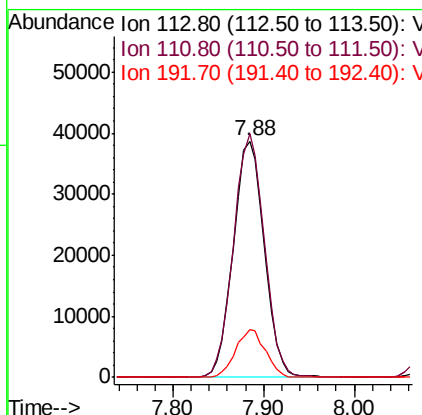
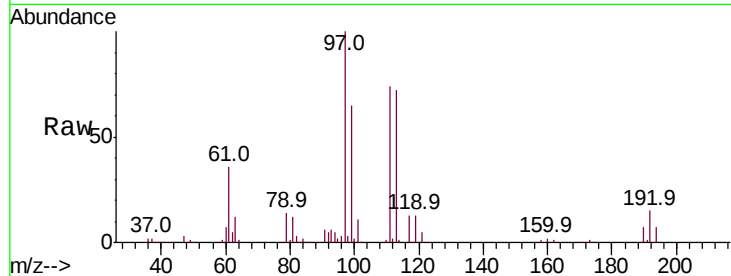
#35
 Dibromofluoromethane
 Concen: 52.365 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	91993		
111	102.5	82.2	123.4	
192	19.4	14.3	21.5	

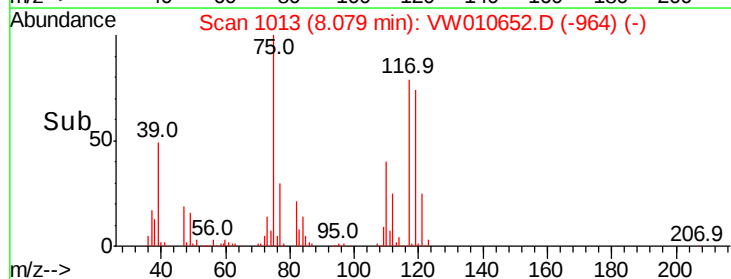
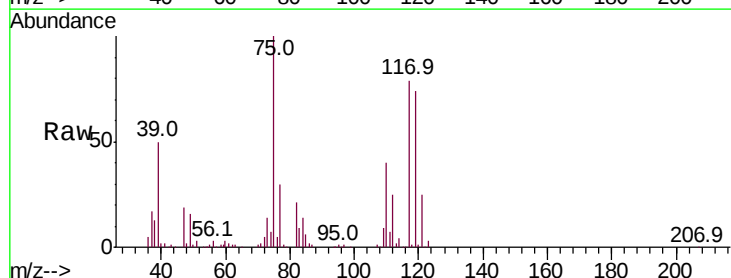
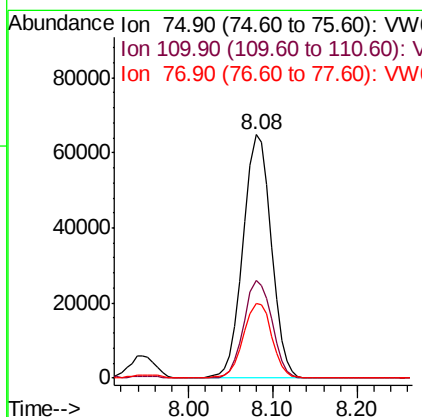
Manual Integrations
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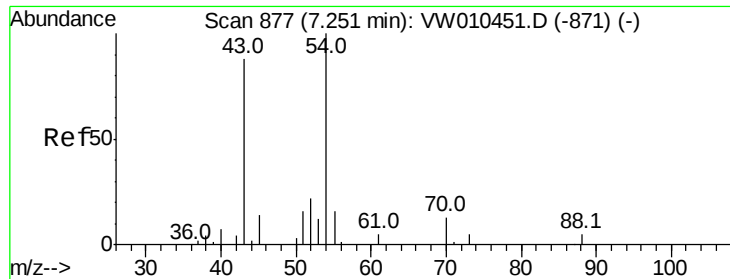
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#36
 1,1-Dichloropropene
 Concen: 54.589 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147230		
110	40.0	19.2	57.6	
77	31.1	25.2	37.8	





#37

Ethyl Acetate

Concen: 46.716 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

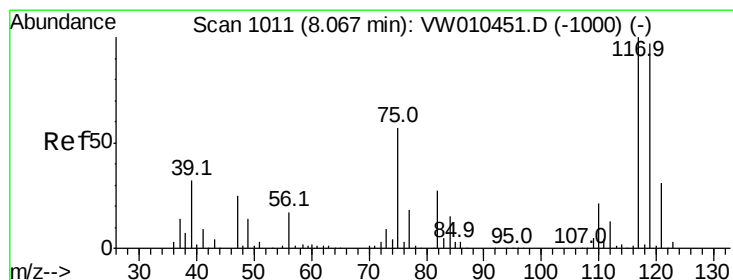
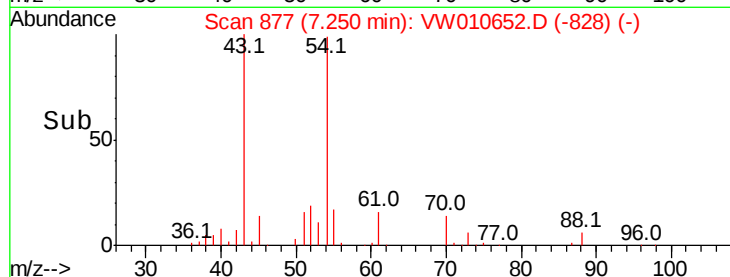
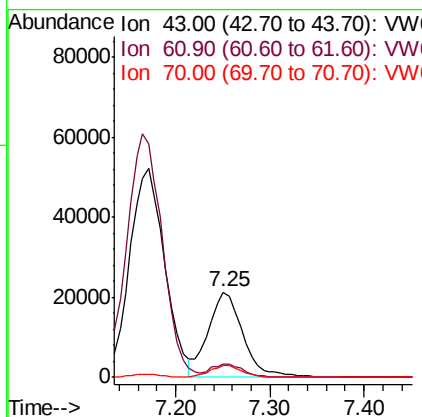
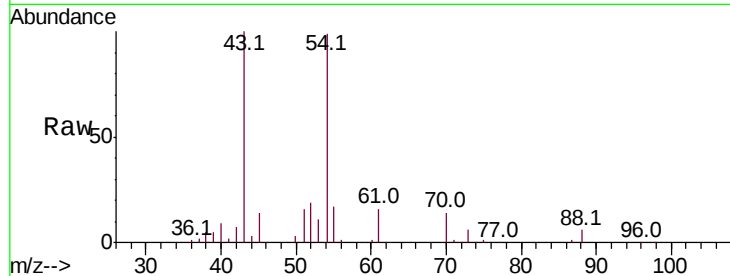
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	53579
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.2	16.8
70	13.1	9.9	14.9

Manual Integrations
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6/4/2019 12:12:42 PM



#38

Carbon Tetrachloride

Concen: 57.314 ug/l

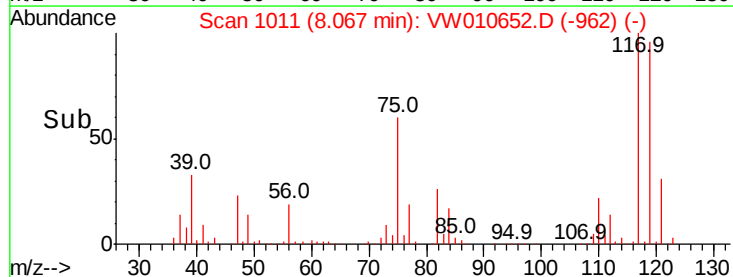
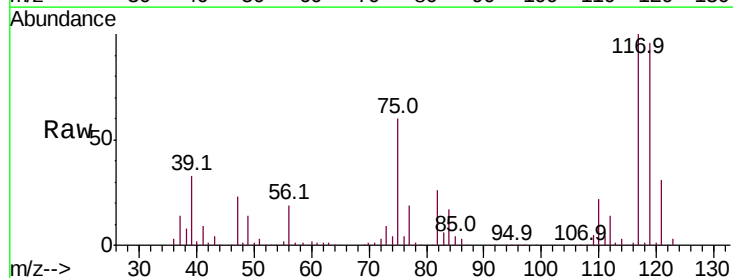
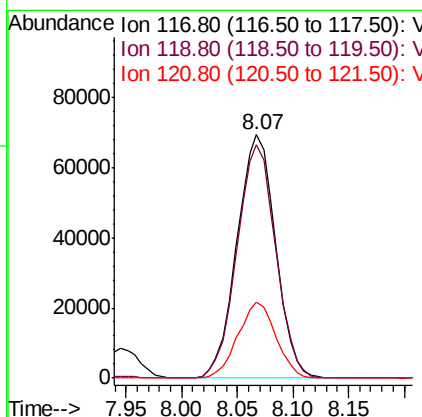
RT: 8.07 min Scan# 1011

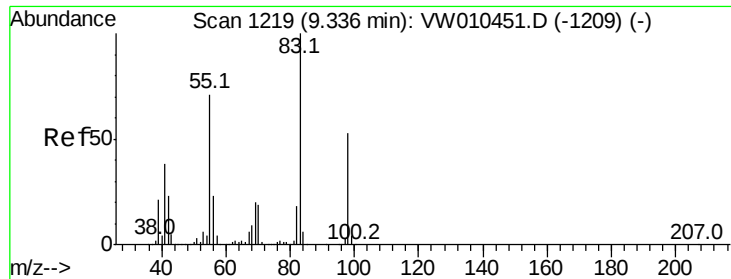
Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion:	117	Resp:	166751
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
121	31.1	25.0	37.6





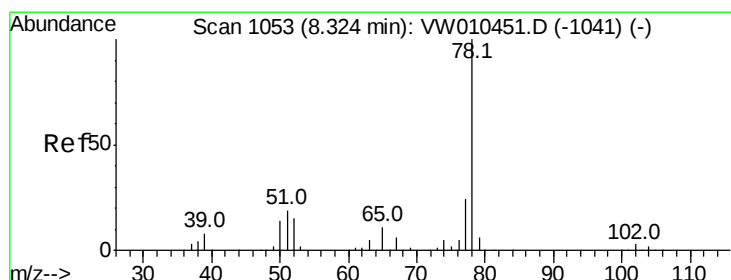
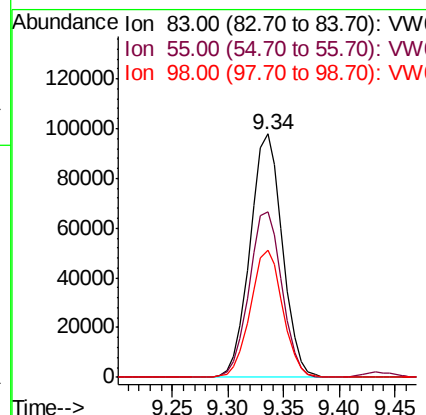
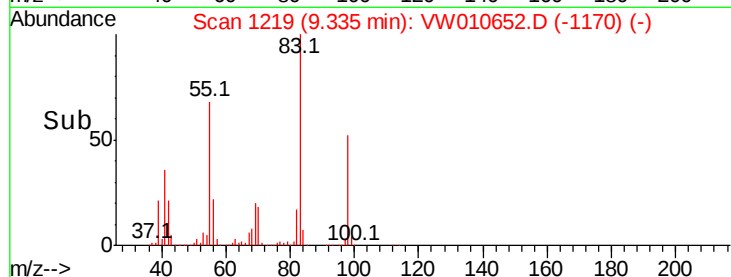
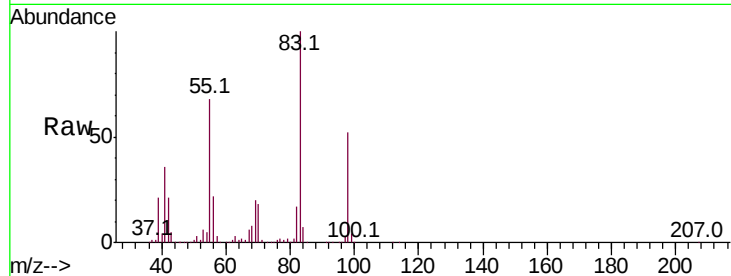
#39
Methvlcvclohexane
Concen: 54.868 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.1	57.0	85.6
98	52.0	42.0	63.0

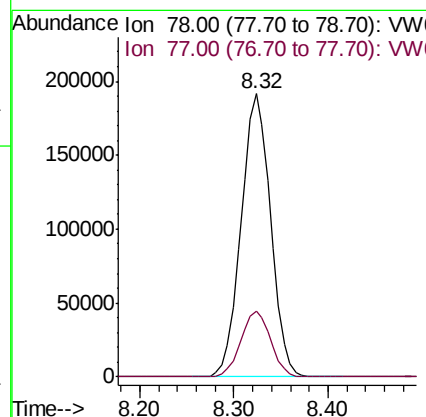
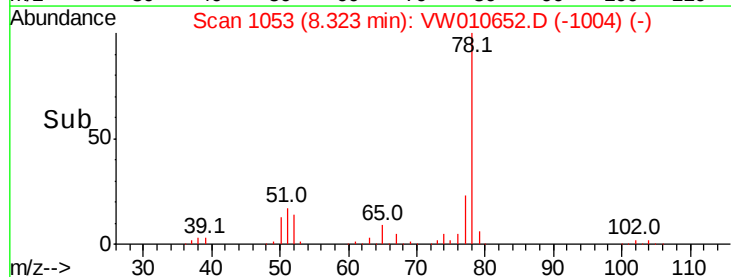
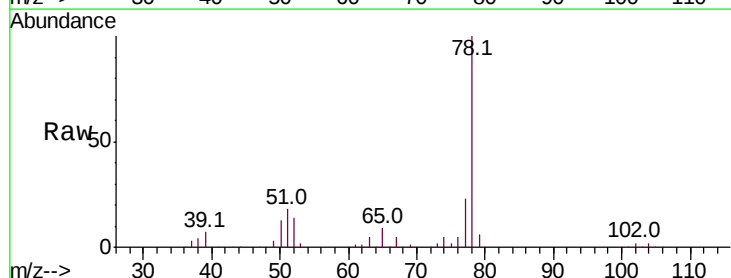
Manual Integrations
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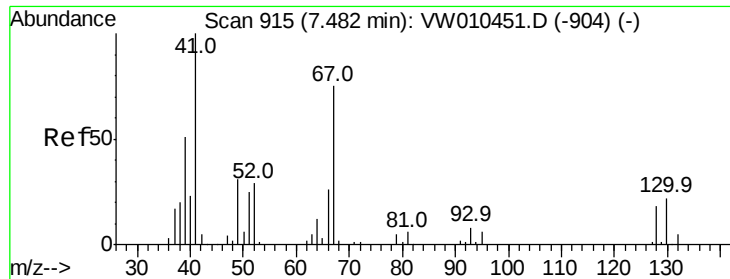
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#40
Benzene
Concen: 55.757 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.9	28.3





#41

Methacrylonitrile

Concen: 46.551 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 31723

Ion Ratio Lower Upper

41 100

39 52.3 47.4 71.2

67 79.2 65.5 98.3

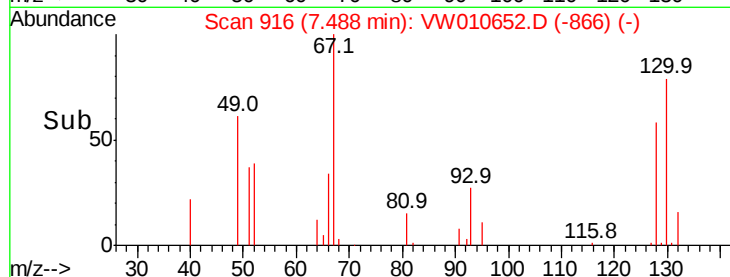
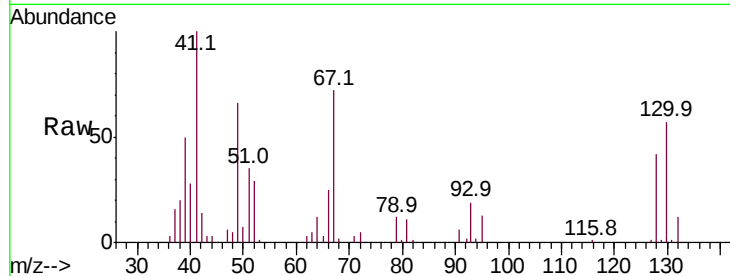
52 31.0 25.0 37.4

Manual Integrations

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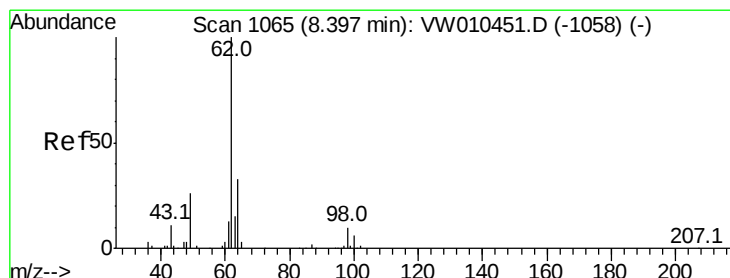
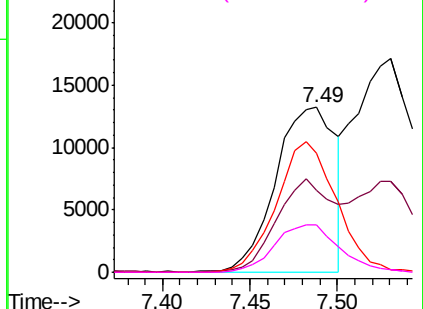
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 53.054 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010652.D

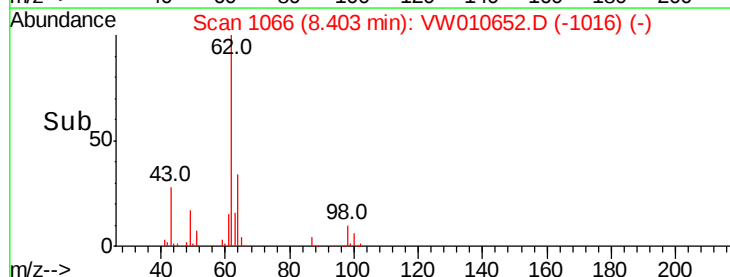
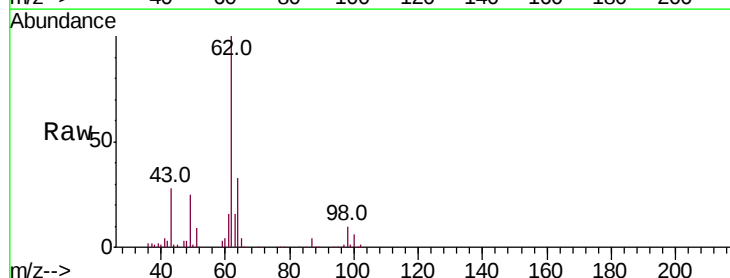
Acq: 03 Jun 2019 11:36

Tgt Ion: 62 Resp: 113670

Ion Ratio Lower Upper

62 100

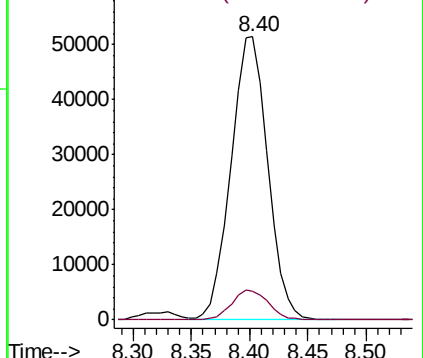
98 10.4 0.0 21.0

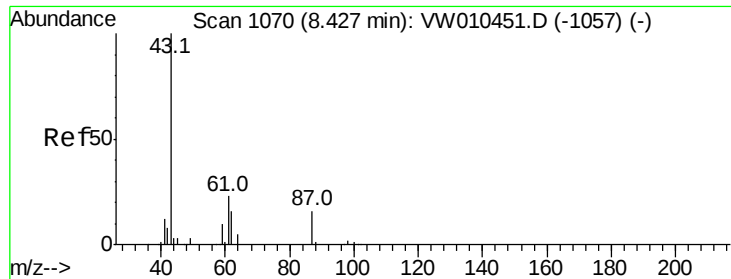


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 46.292 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

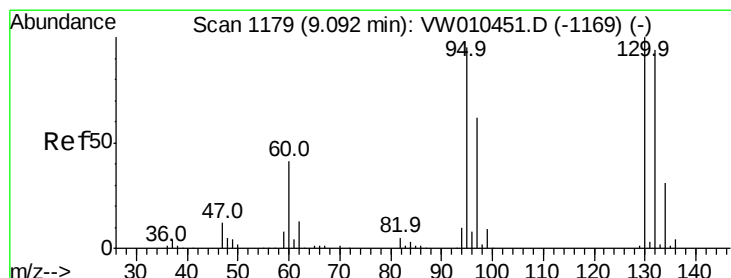
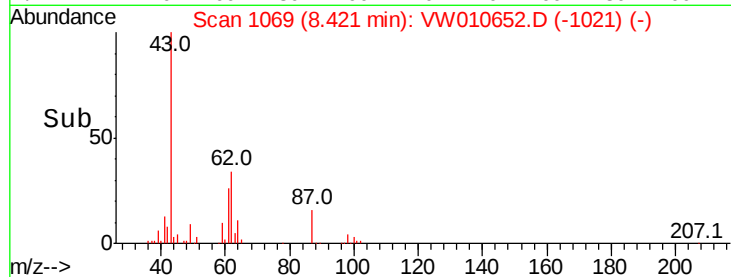
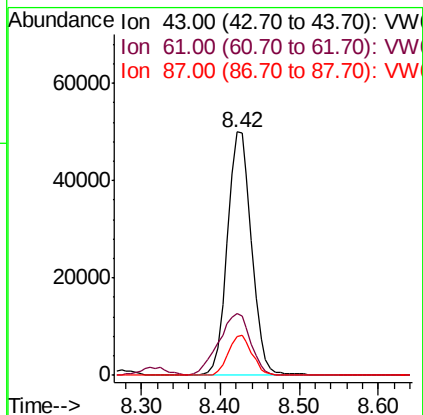
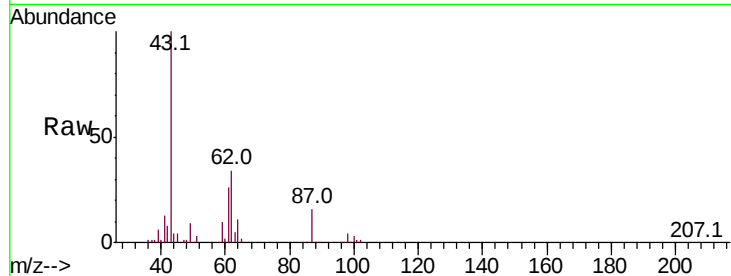
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	106068
Ion	Ratio	Lower	Upper
43	100		
61	33.6	25.4	38.2
87	16.2	12.7	19.1

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#44

Trichloroethene

Concen: 58.611 ug/l

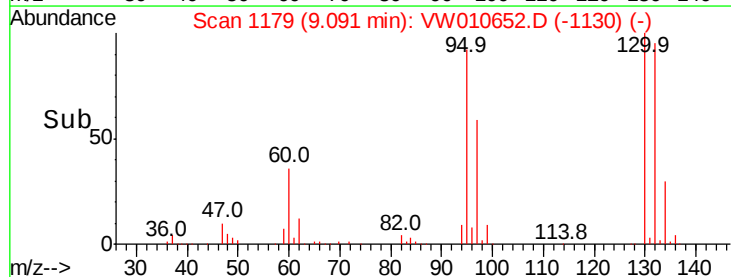
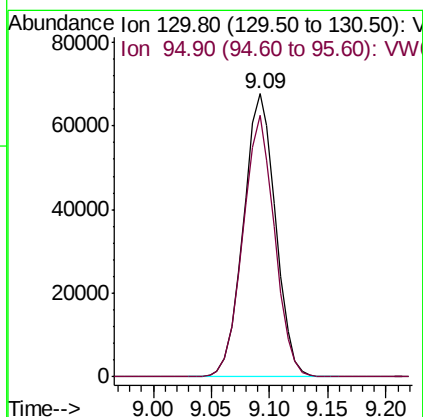
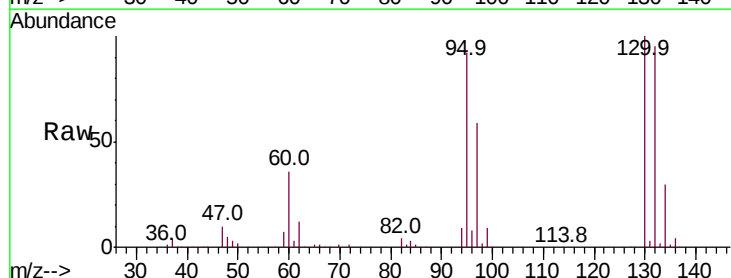
RT: 9.09 min Scan# 1179

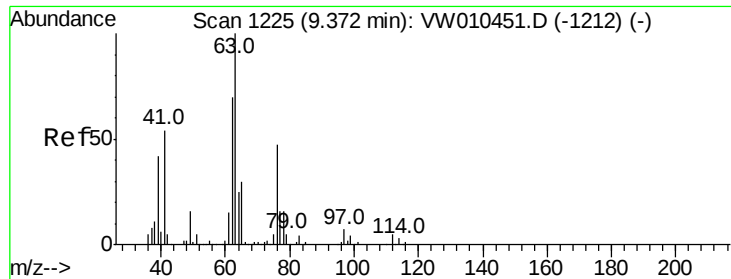
Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion:	130	Resp:	130438
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	189.6





#45

1,2-Dichloropropane

Concen: 54.216 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 96524

Ion Ratio Lower Upper

63 100

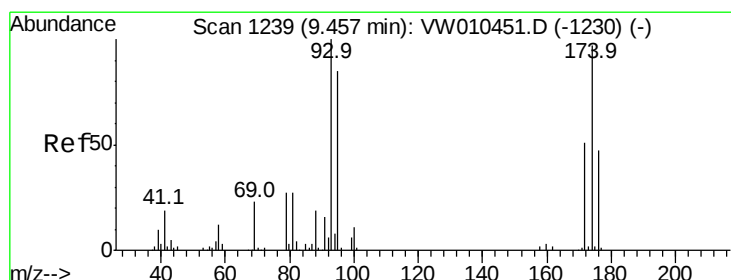
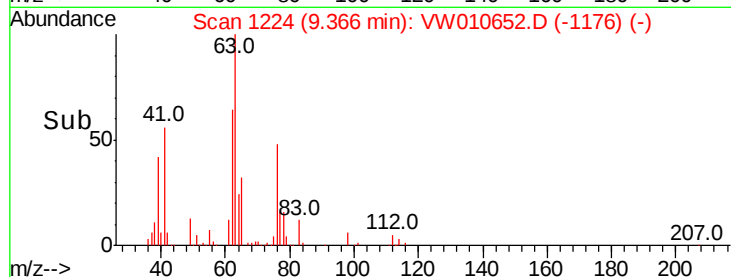
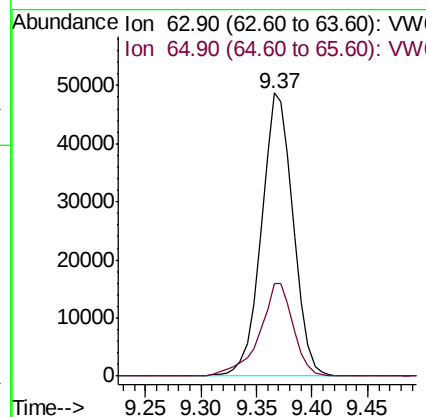
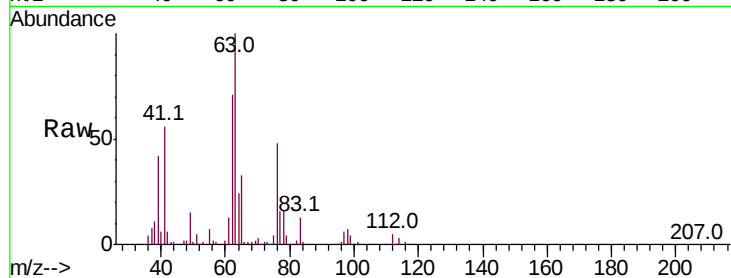
65 32.7 24.3 36.5

Manual Integrations

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6/4/2019 12:12:42 PM



#46

Dibromomethane

Concen: 52.994 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

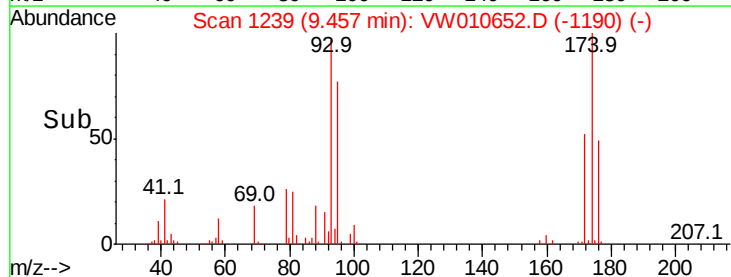
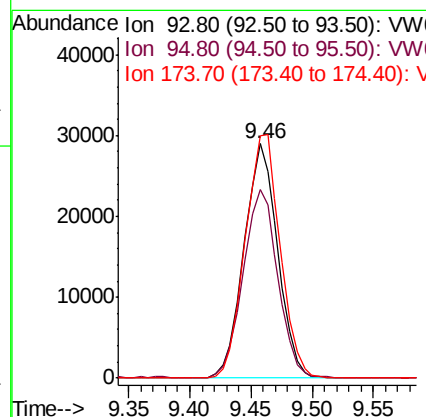
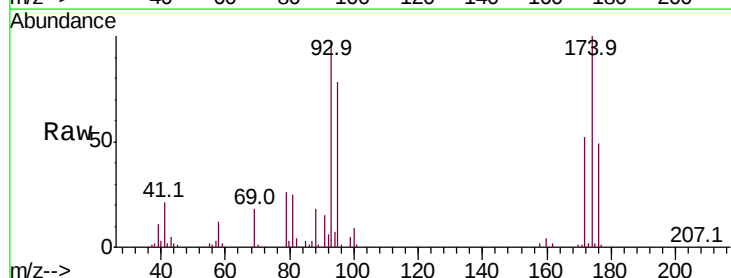
Tgt Ion: 93 Resp: 55177

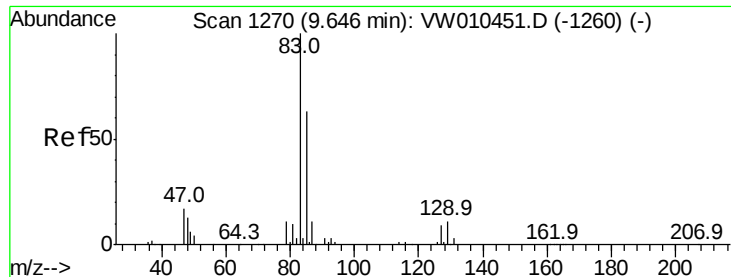
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 108.4 77.1 115.7





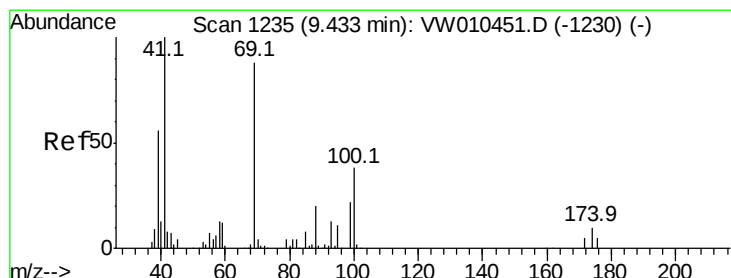
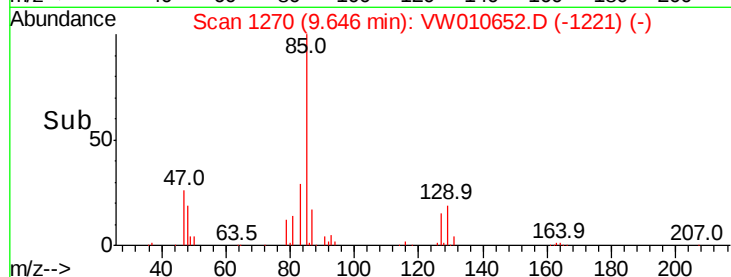
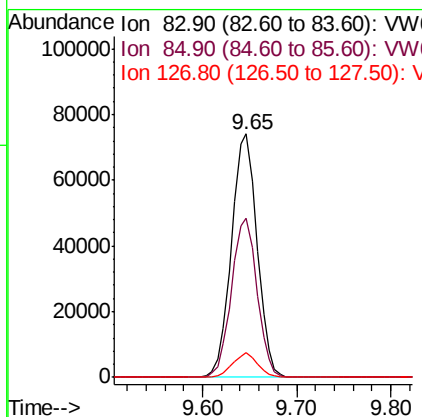
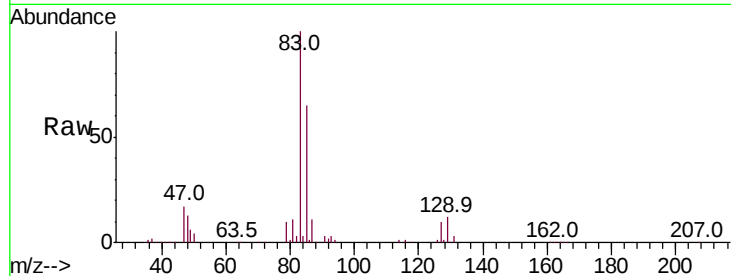
#47
 Bromodichloromethane
 Concen: 53.612 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.5	50.4	75.6	
127	10.0	7.4	11.0	

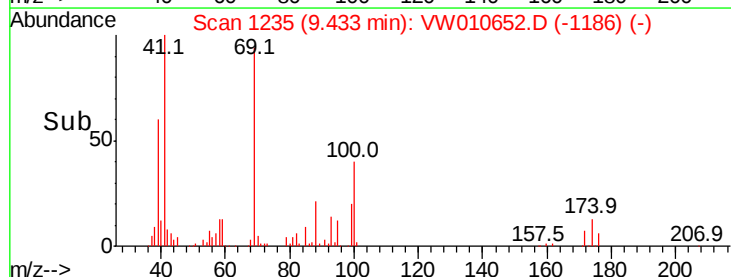
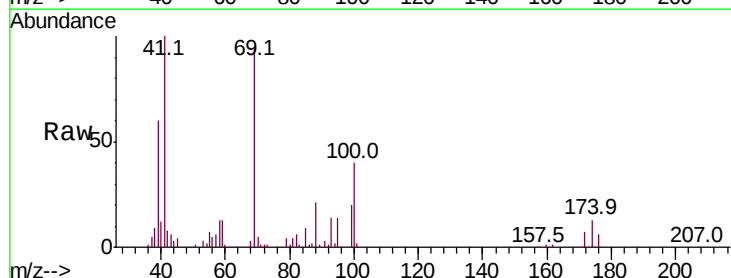
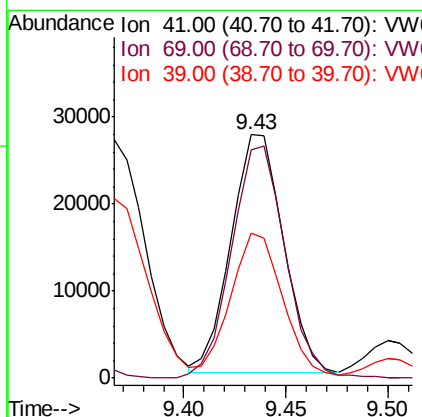
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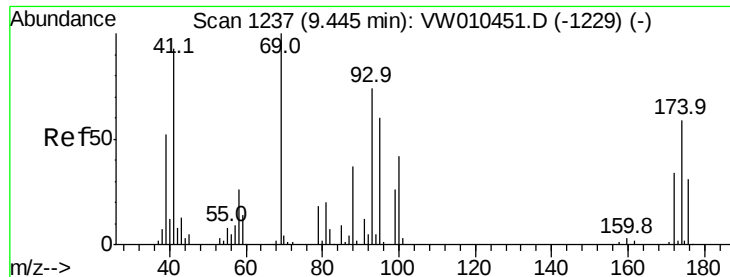
MMDadoda
 6/4/2019 12:12:42 PM



#48
 Methyl methacrylate
 Concen: 46.427 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	101.1	77.6	116.4	
39	58.5	49.8	74.8	





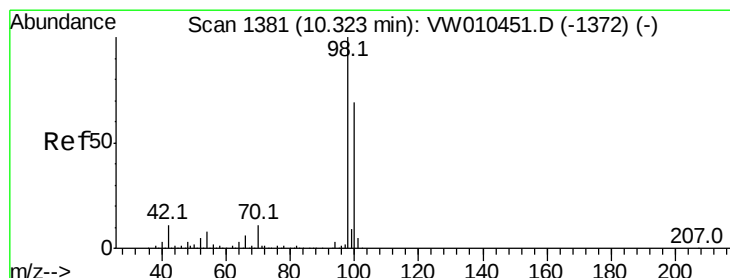
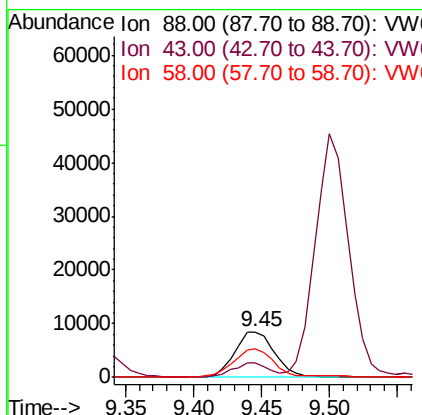
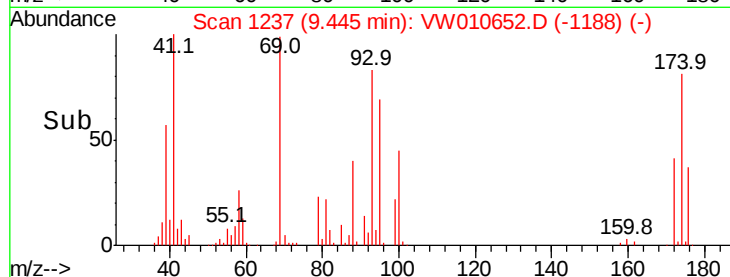
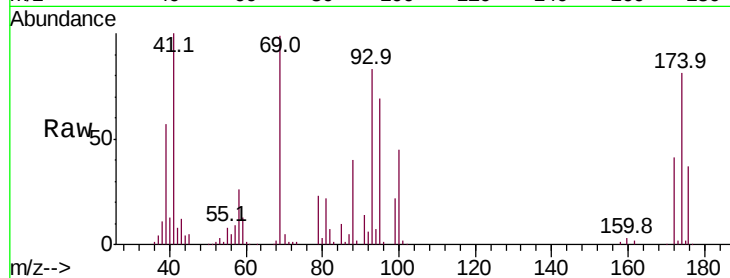
#49
 1,4-Dioxane
 Concen: 1017.672 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	25.9	38.9
58	66.9	52.7	79.1

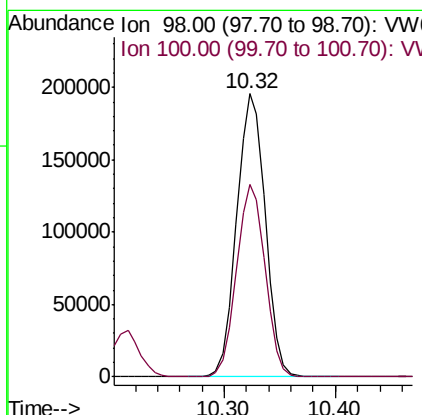
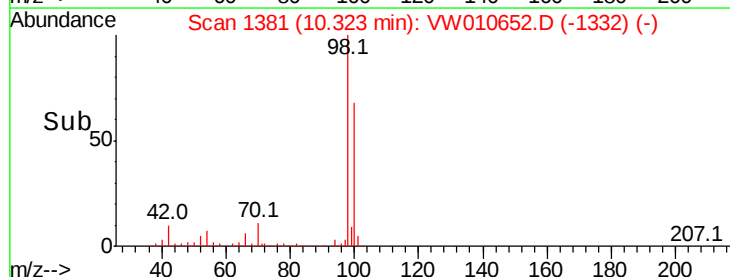
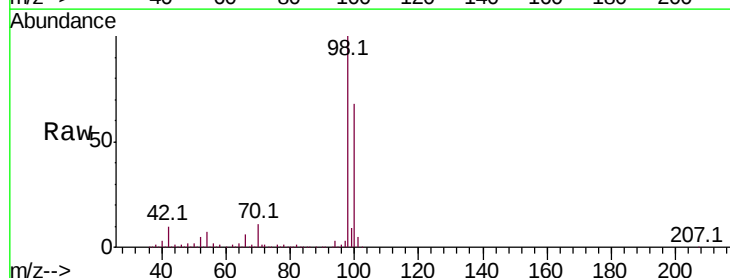
Manual Integrations
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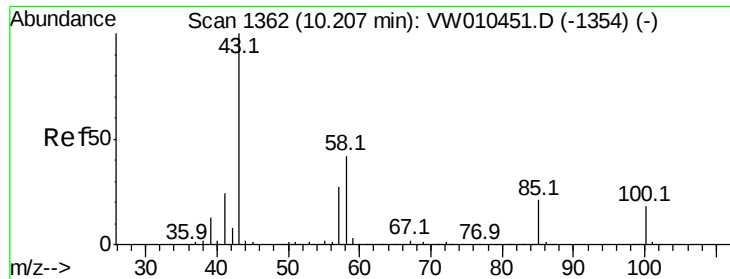
MMDadoda
 6/4/2019 12:12:42 PM



#50
 Toluene-d8
 Concen: 51.675 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.7	80.5





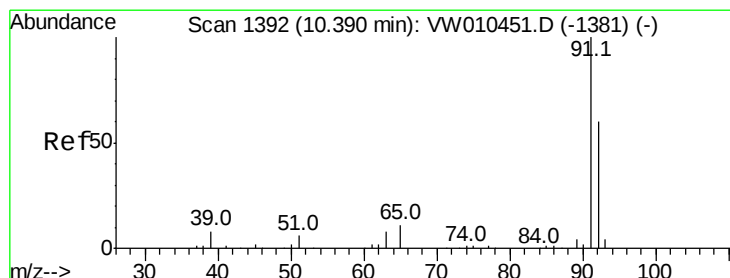
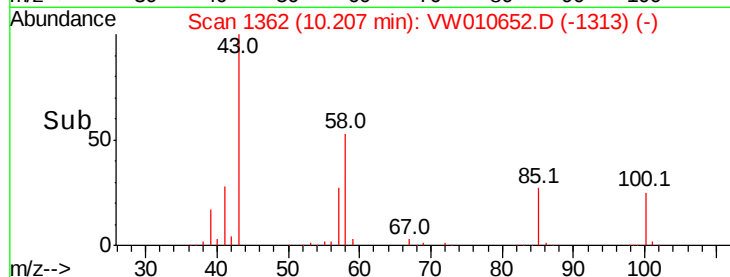
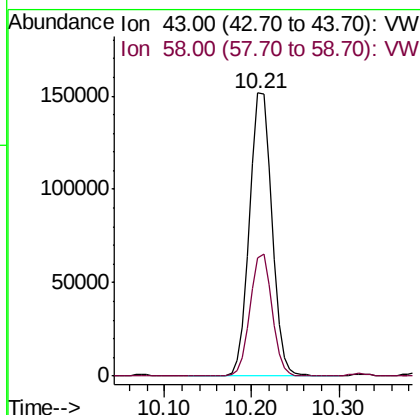
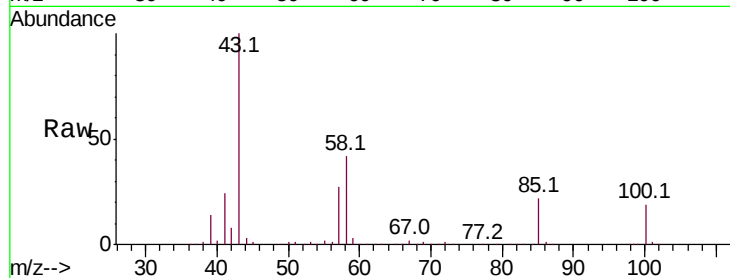
#51
 4-Methyl-2-Pentanone
 Concen: 232.485 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.2	33.2	49.8

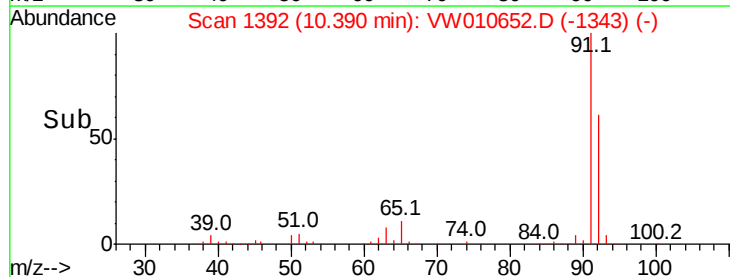
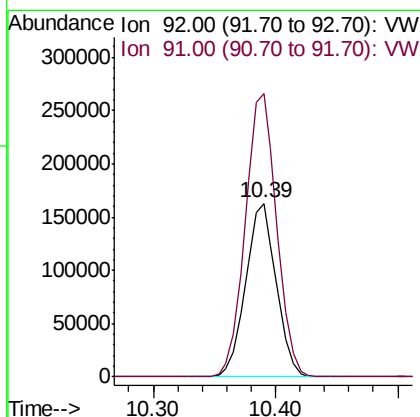
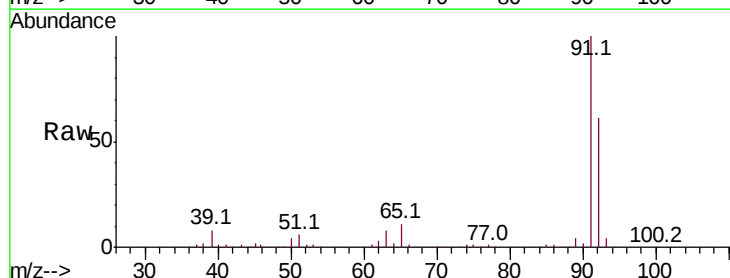
Manual Integrations
 APPROVED

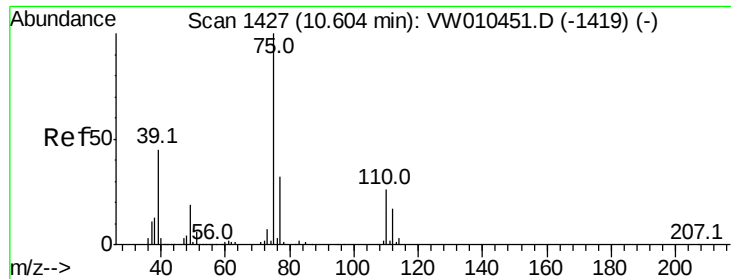
MMDadoda
 6/4/2019 12:12:42 PM



#52
 Toluene
 Concen: 55.966 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.9	135.4	203.0





#53

t-1,3-Dichloropropene

Concen: 52.242 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W

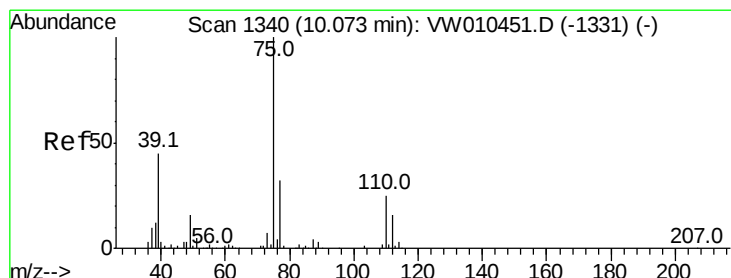
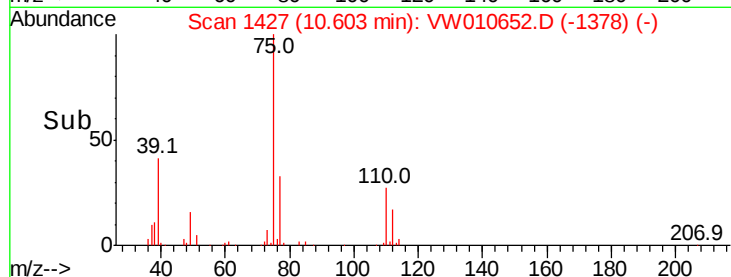
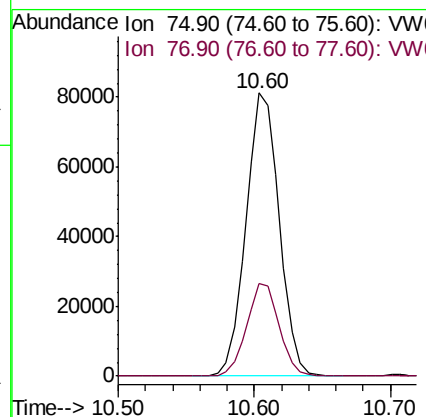
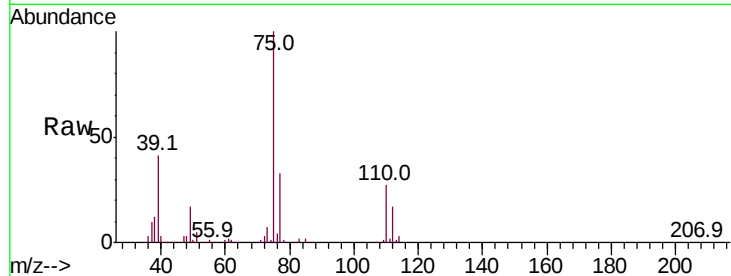
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 138436

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.4	38.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 54.818 ug/l

RT: 10.07 min Scan# 1340

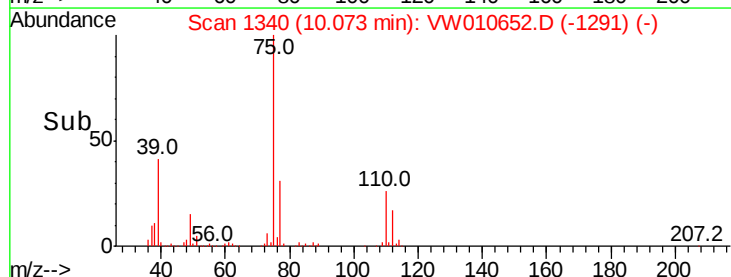
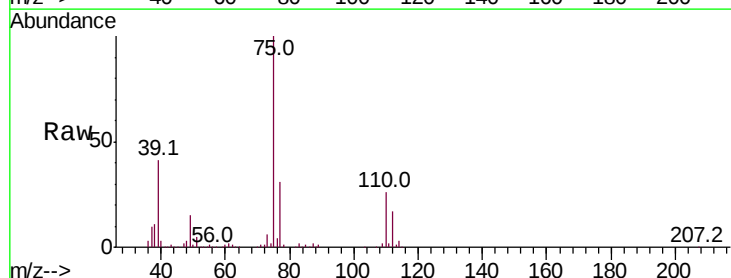
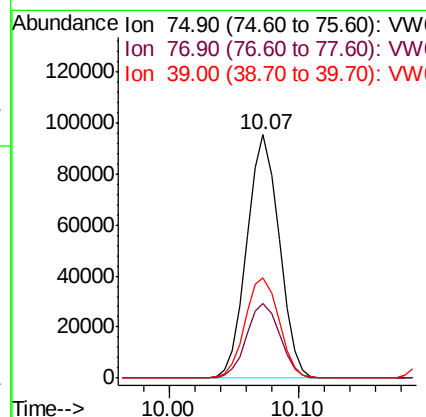
Delta R.T. -0.00 min

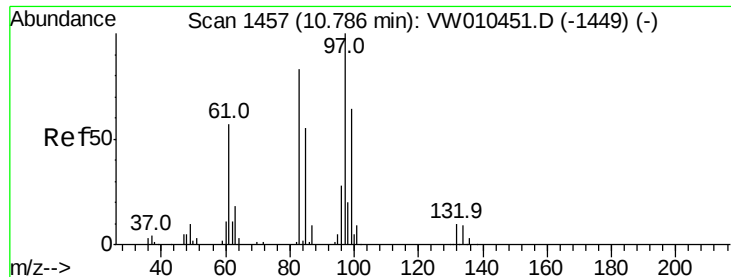
Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion: 75 Resp: 165898

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.7	38.5
39	41.4	36.2	54.4





#55

1,1,2-Trichloroethane

Concen: 55.176 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

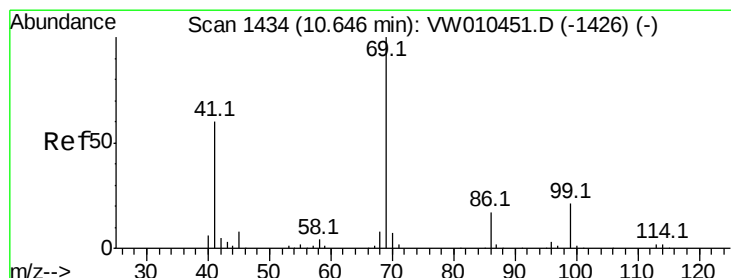
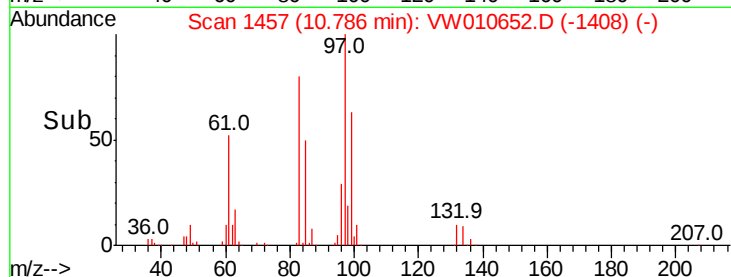
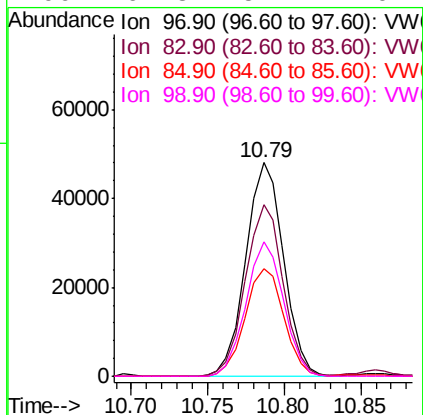
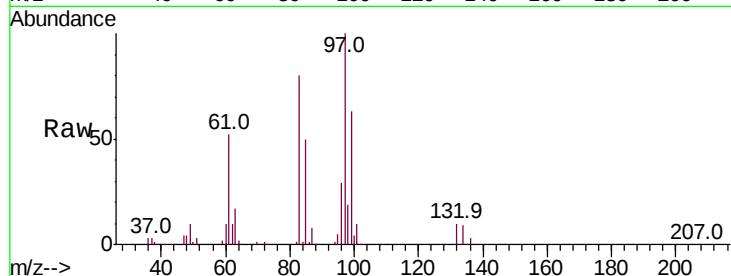
ClientSampleId :

VSTDCCC050

Tot Ion	97	Resp	82612
Ion	Ratio	Lower	Upper
97	100		
83	80.2	66.1	99.1
85	50.4	44.2	66.4
99	62.8	51.1	76.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 48.607 ug/l

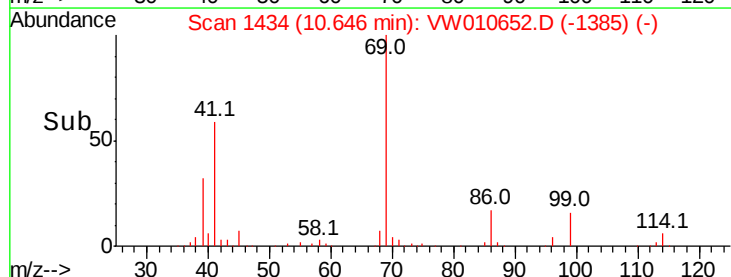
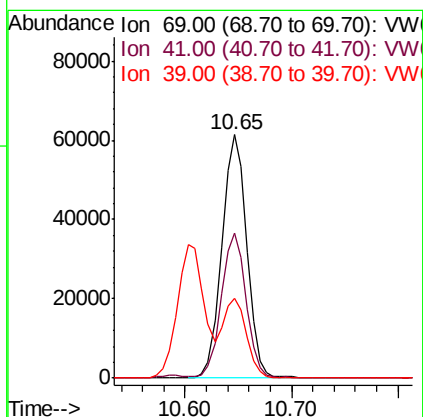
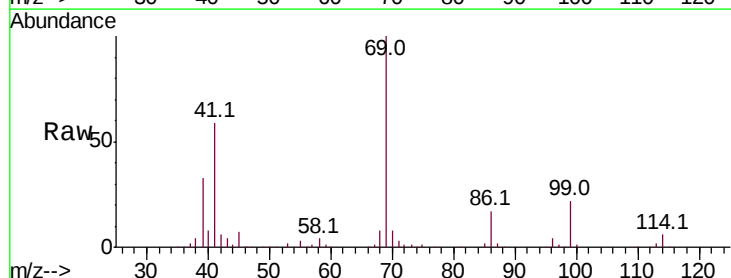
RT: 10.65 min Scan# 1434

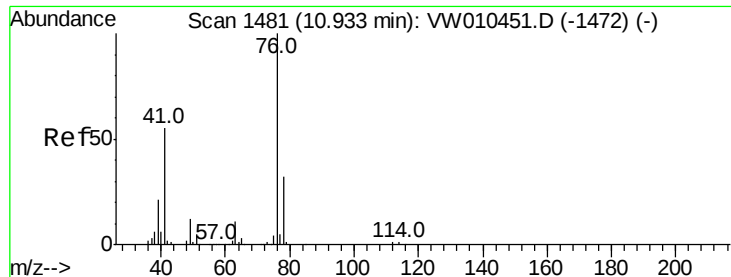
Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion	69	Resp	100371
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.7	71.5
39	30.9	25.3	37.9





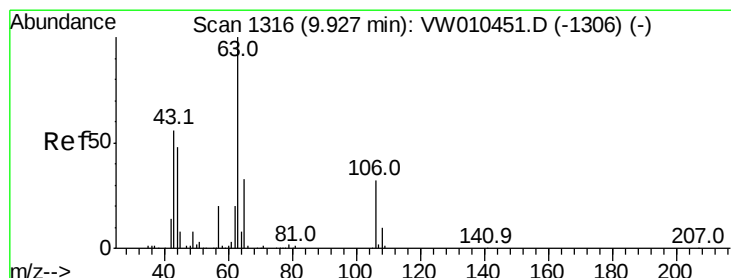
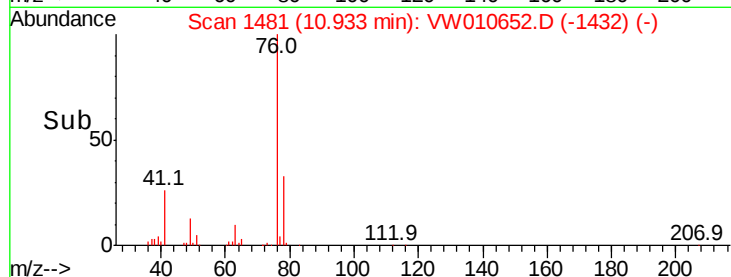
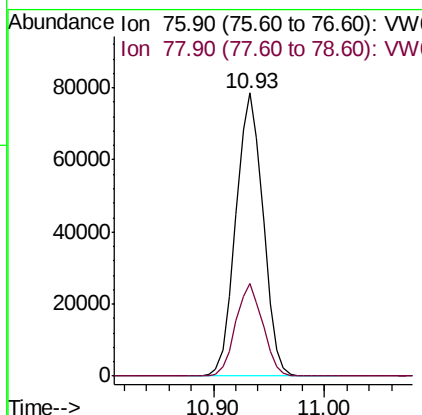
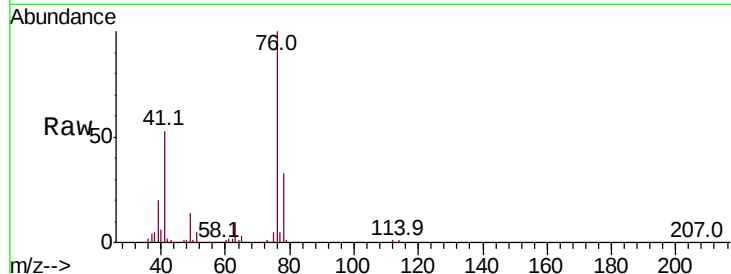
#57
 1,3-Dichloropropane
 Concen: 52.891 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 132648
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

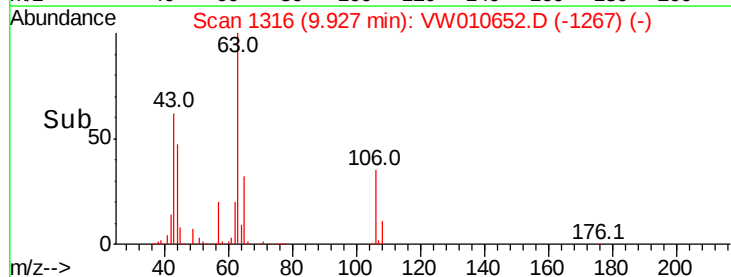
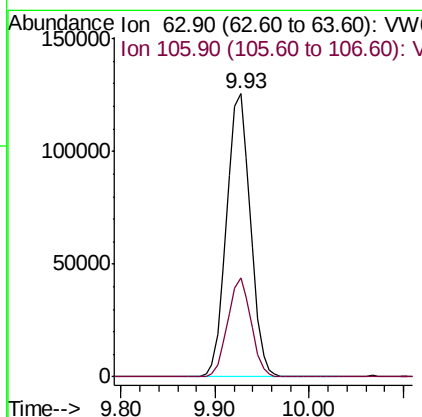
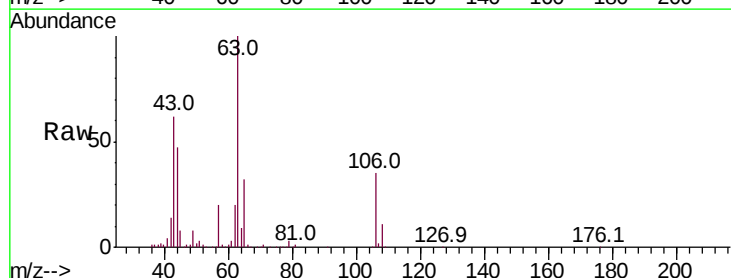
Manual Integrations
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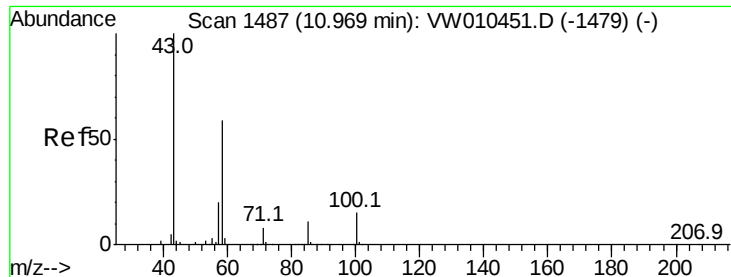
MMDadoda
 6/4/2019 12:12:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.773 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion: 63 Resp: 221131
 Ion Ratio Lower Upper
 63 100
 106 34.1 25.8 38.6





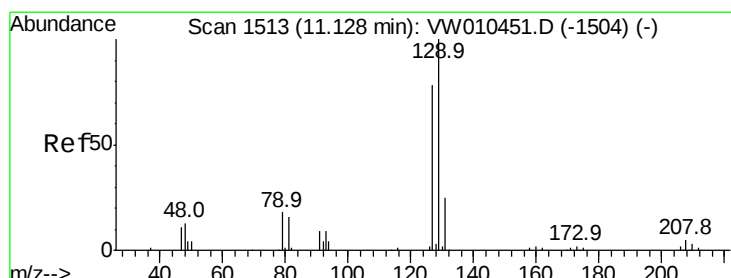
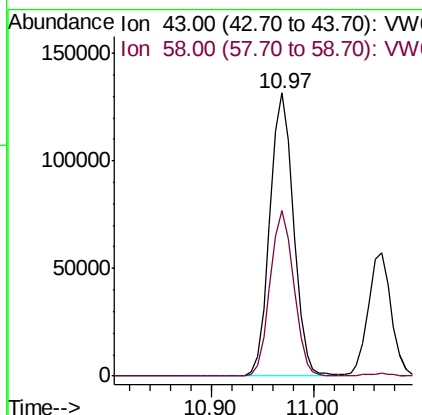
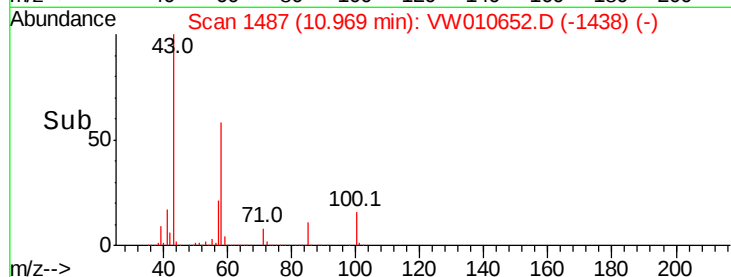
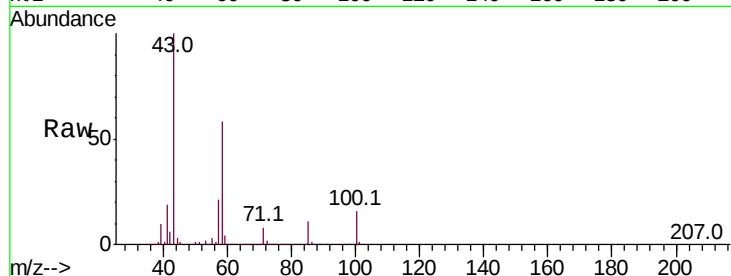
#59
2-Hexanone
Concen: 255.358 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 211494
Ion Ratio Lower Upper
43 100
58 58.6 28.9 86.8

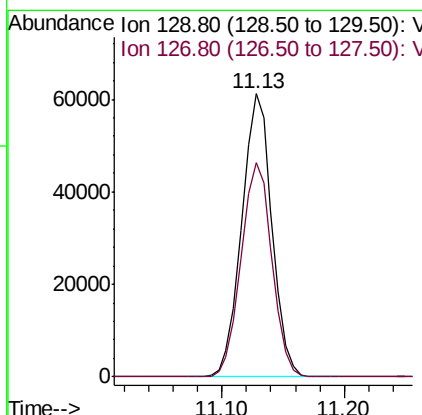
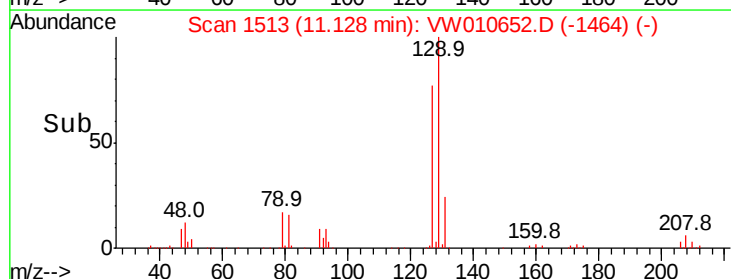
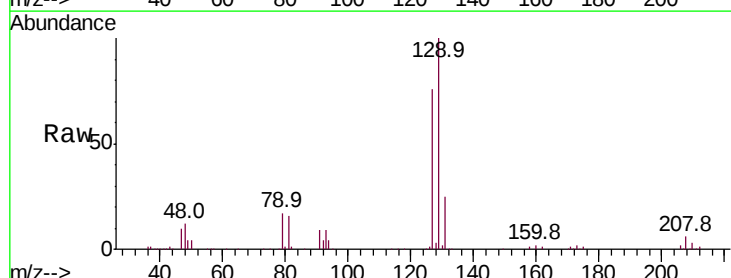
Manual Integrations
APPROVED

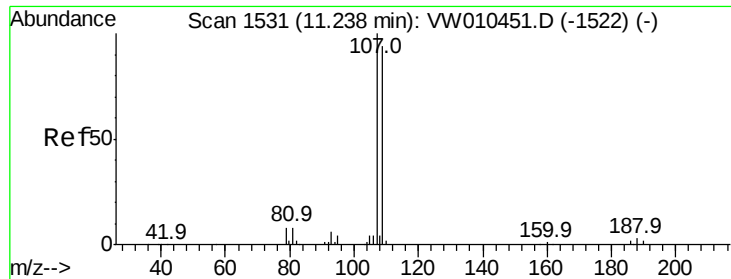
MMDadoda
6/4/2019 12:12:42 PM



#60
Dibromochloromethane
Concen: 55.135 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 129 Resp: 104476
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





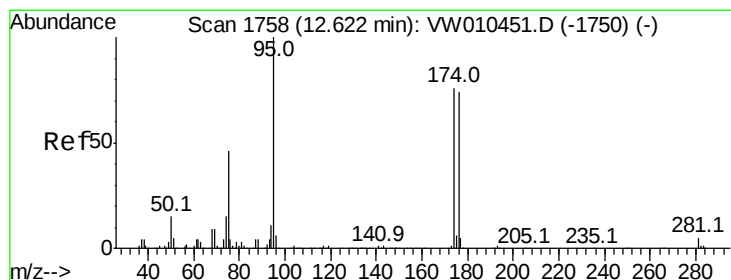
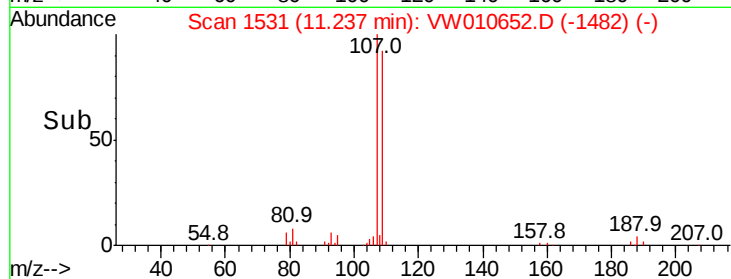
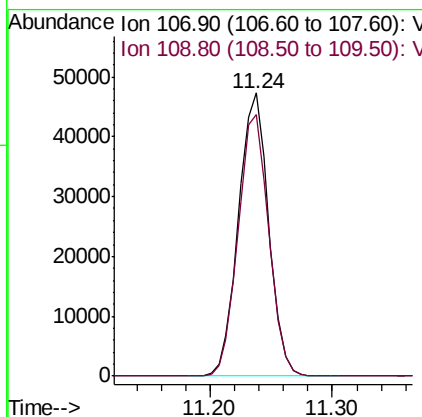
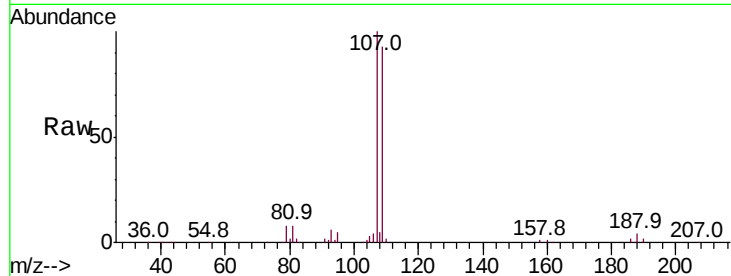
#61
 1,2-Dibromoethane
 Concen: 53.167 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.0	112.4

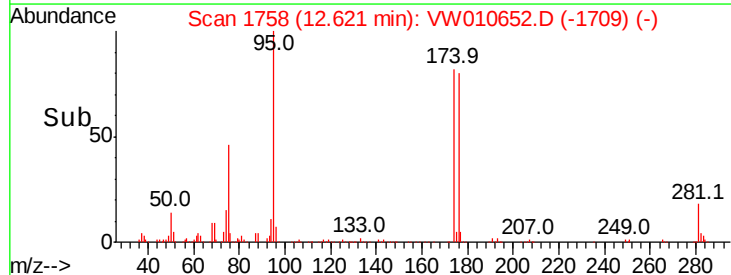
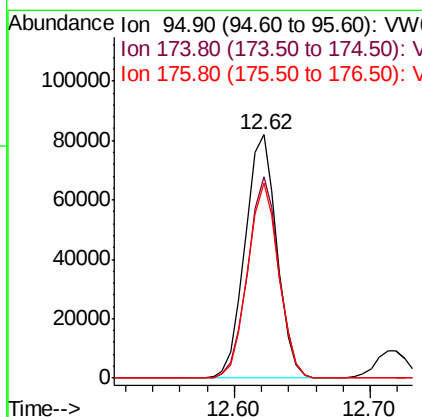
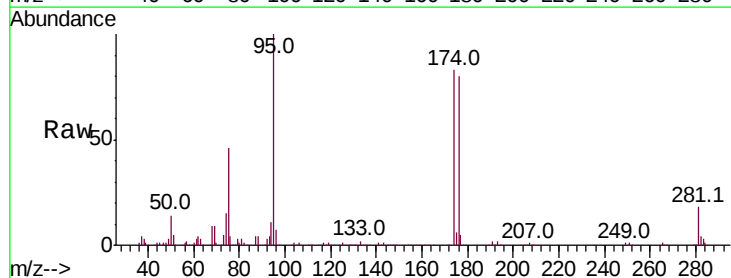
Manual Integrations
 APPROVED

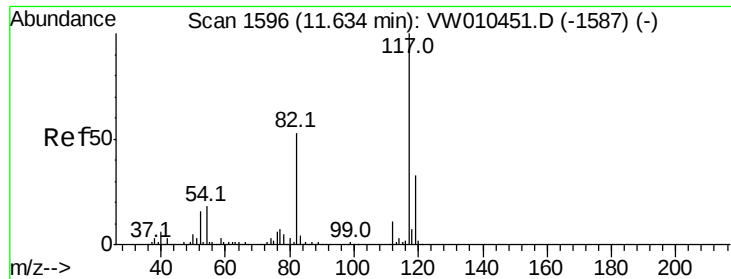
MMDadoda
 6/4/2019 12:12:42 PM



#62
 4-Bromofluorobenzene
 Concen: 50.051 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	148.6
176	79.0	0.0	144.2





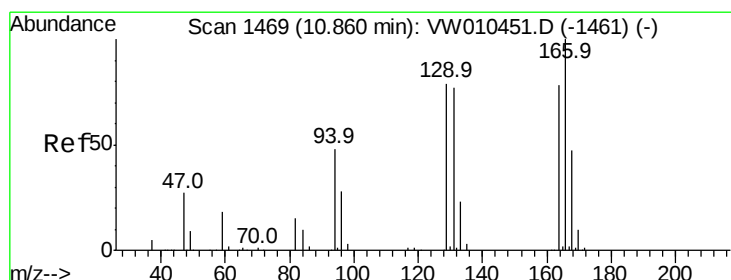
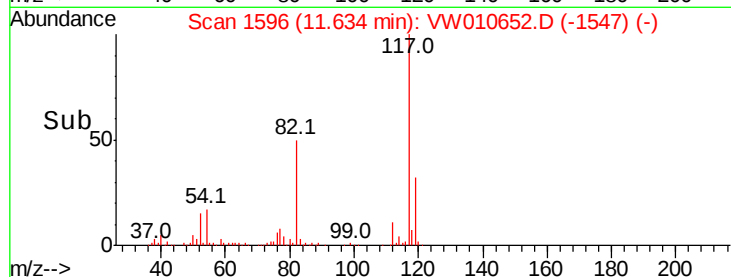
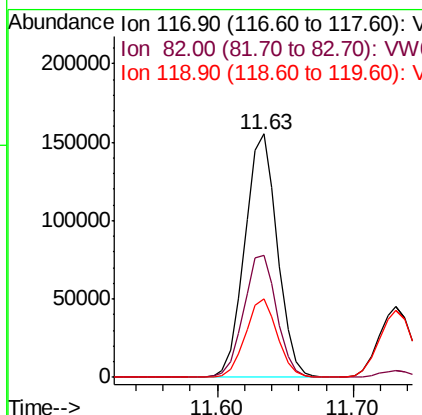
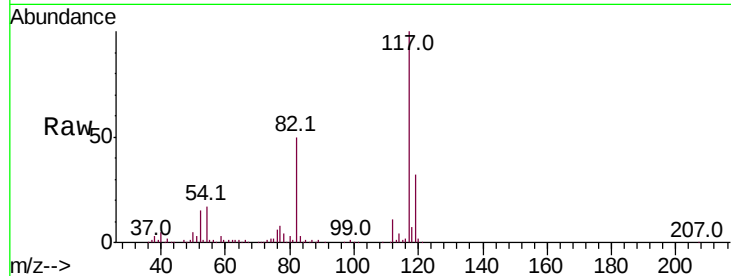
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	259451		
82	50.1		42.8	64.2
119	32.0		26.3	39.5

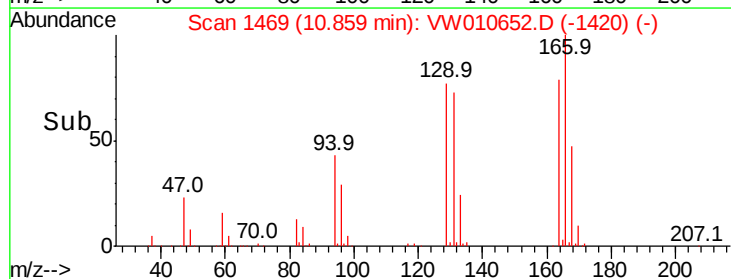
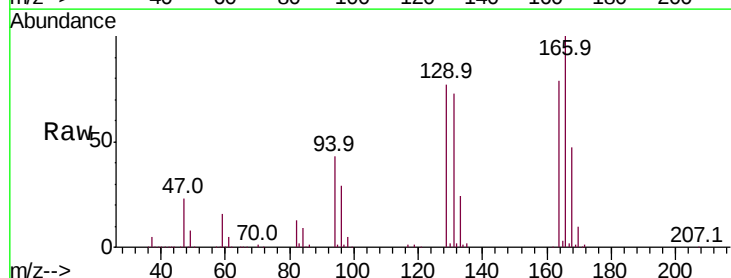
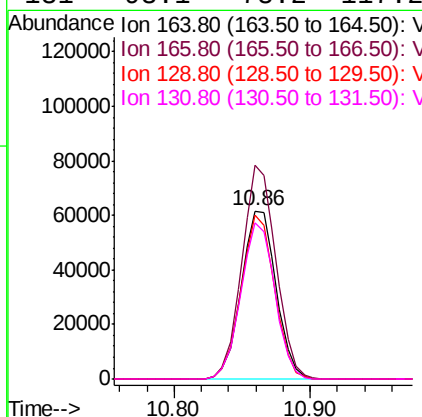
Manual Integrations
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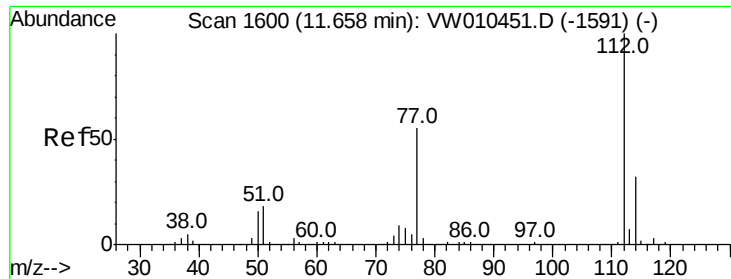
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#64
Tetrachloroethene
Concen: 60.767 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109905		
166	127.3		101.9	152.9
129	97.9		80.6	121.0
131	93.1		78.2	117.2





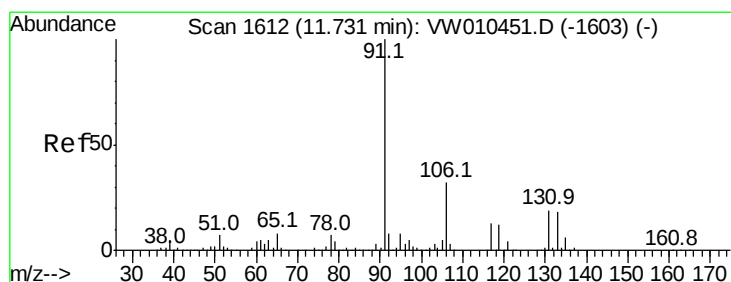
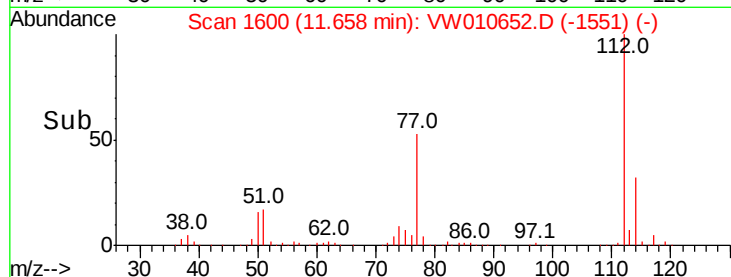
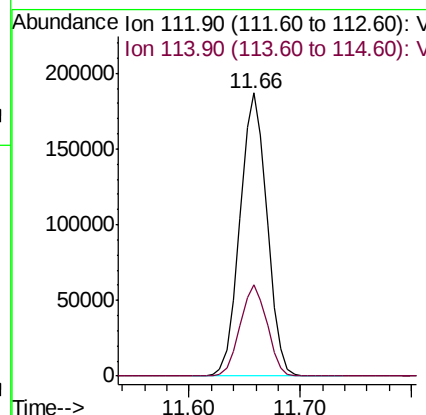
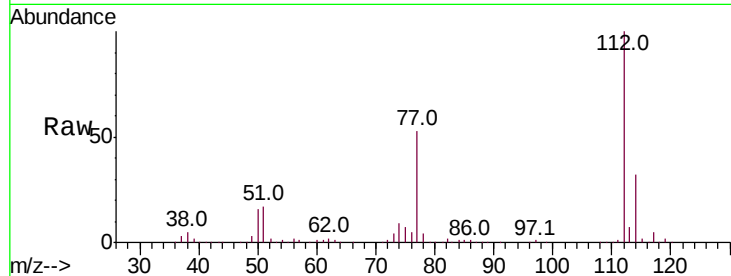
#65
Chlorobenzene
Concen: 56.721 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 313638
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

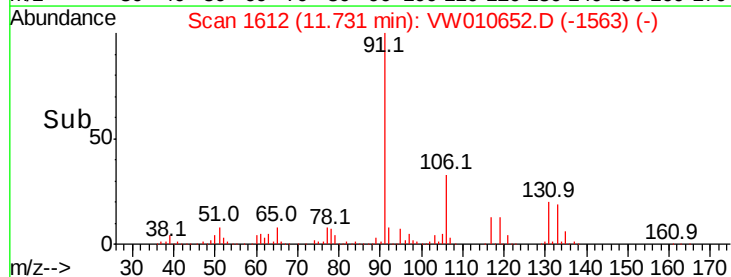
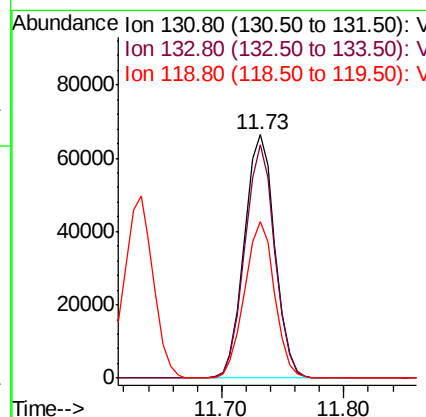
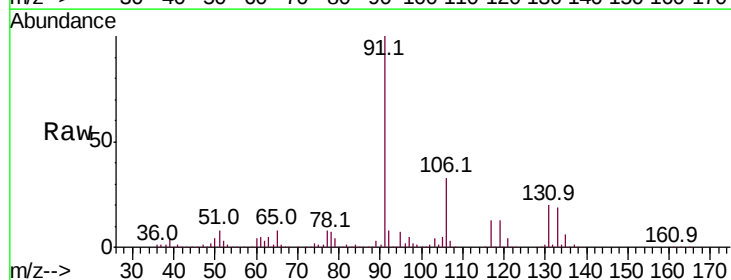
Manual Integrations
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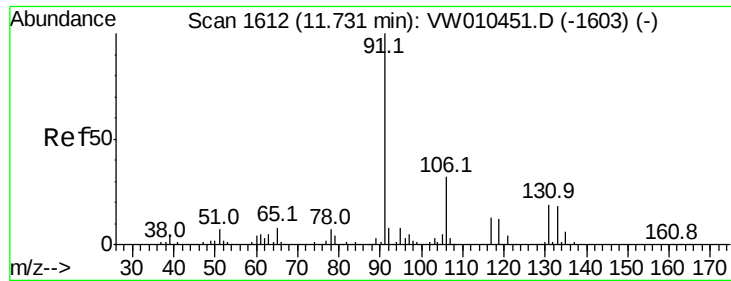
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.860 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion:131 Resp: 114609
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 63.5 32.1 96.5





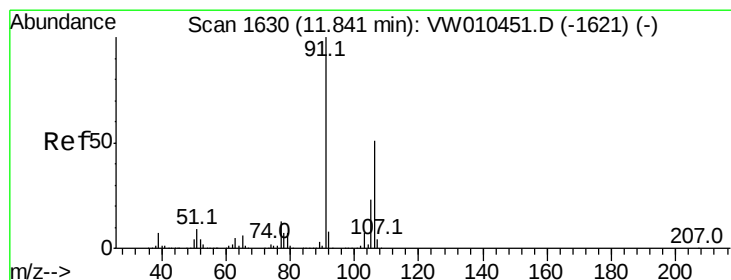
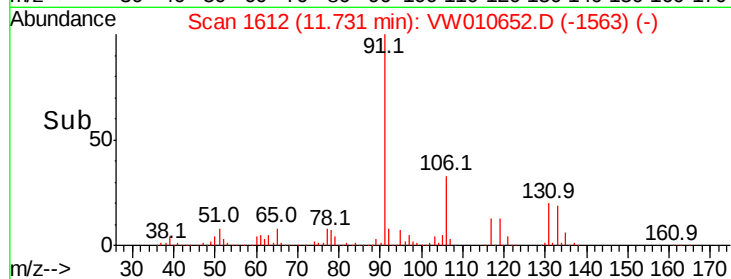
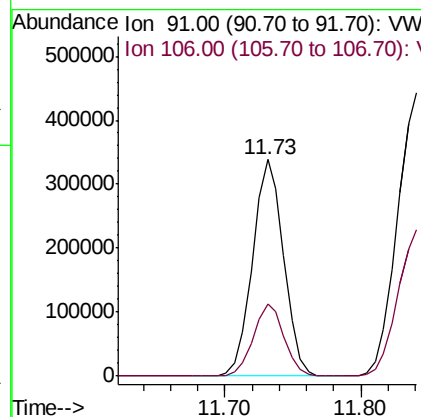
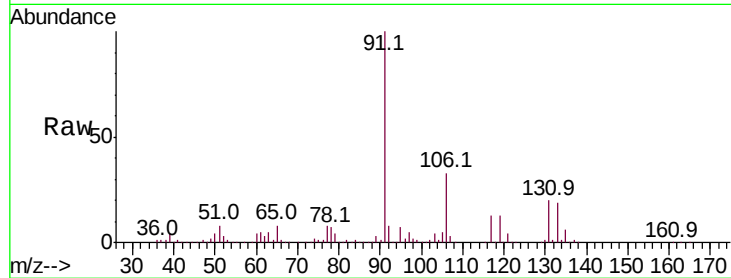
#67
Ethyl Benzene
Concen: 55.516 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 541975
Ion Ratio Lower Upper
91 100
106 33.4 25.9 38.9

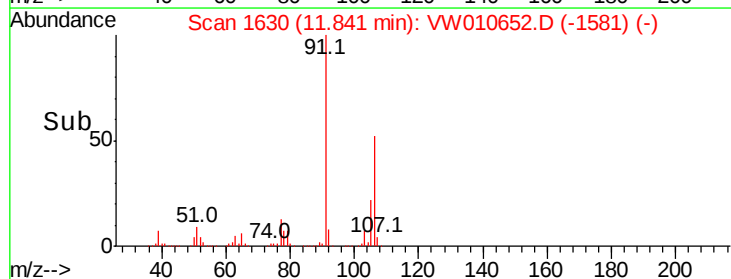
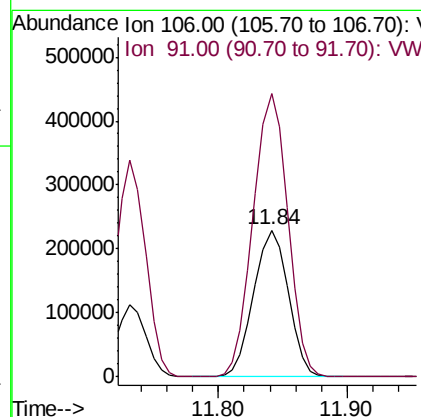
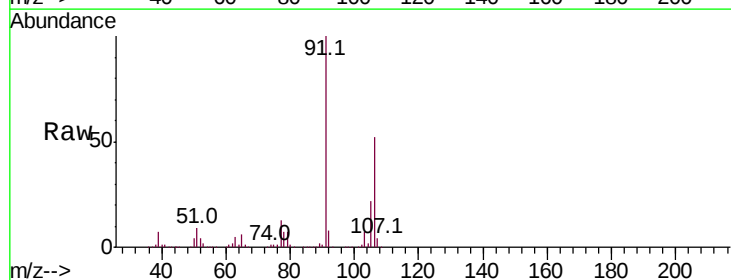
Manual Integrations
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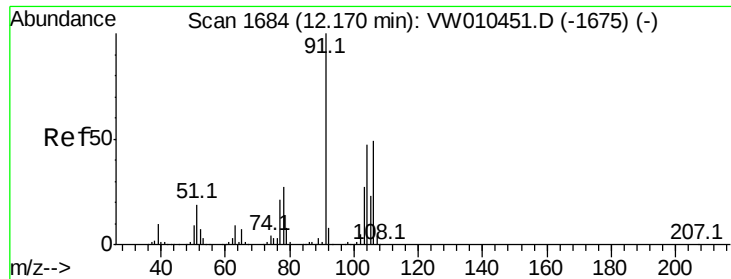
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#68
m/p-Xylenes
Concen: 111.787 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion: 106 Resp: 428053
Ion Ratio Lower Upper
106 100
91 193.5 156.0 234.0





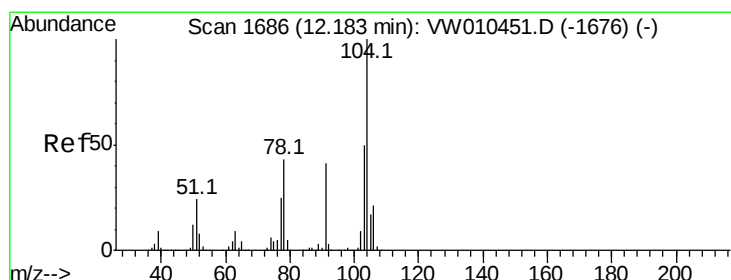
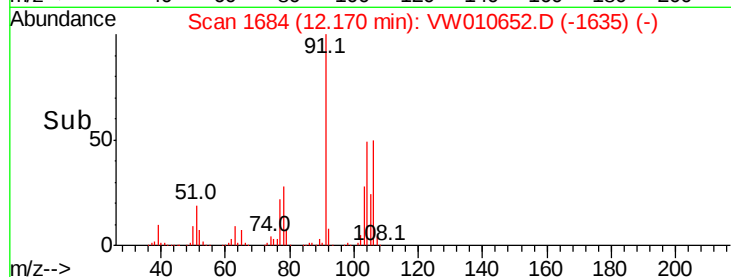
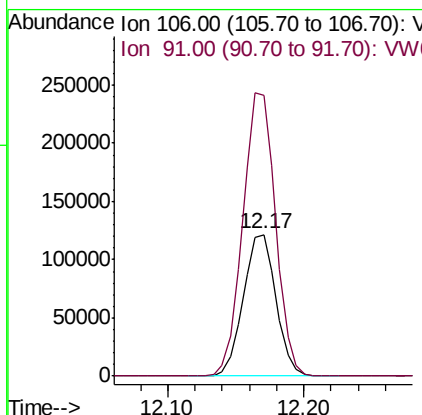
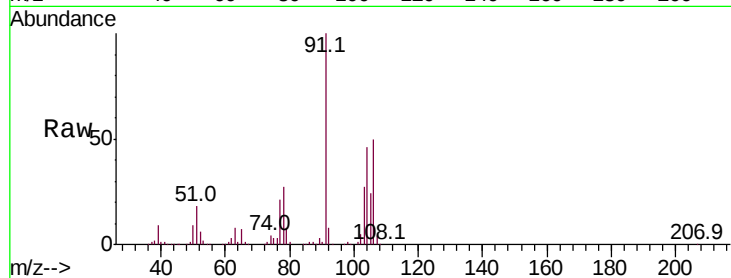
#69
o-Xylene
Concen: 56.214 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.1	103.2	309.4

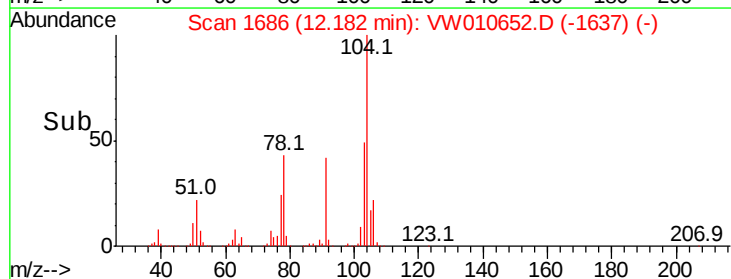
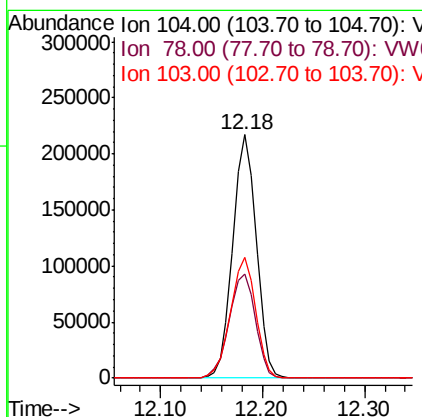
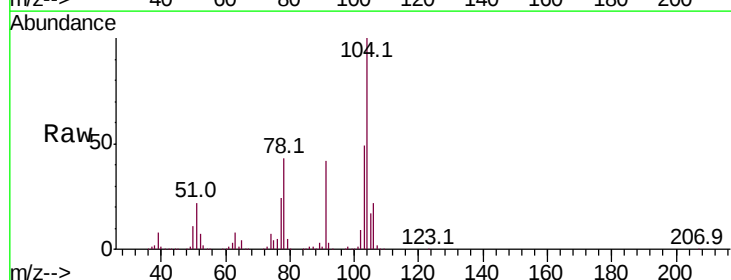
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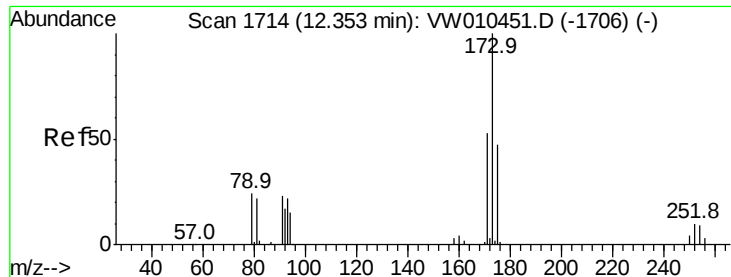
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#70
Styrene
Concen: 56.106 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	39.0	58.4
103	53.0	43.0	64.6





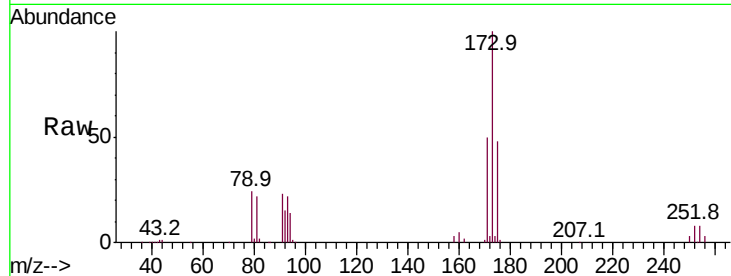
#71
Bromoform
Concen: 54.280 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

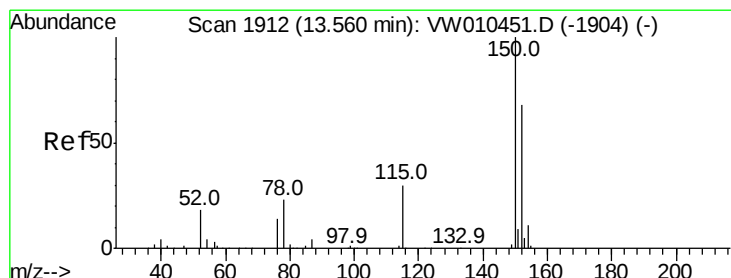
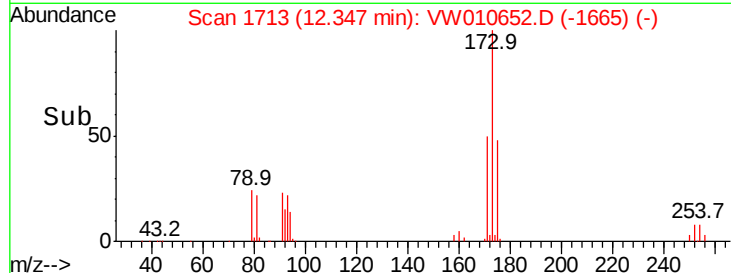
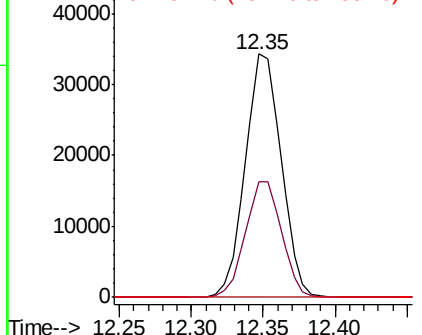
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.4	73.4
254	0.1	0.0	0.0

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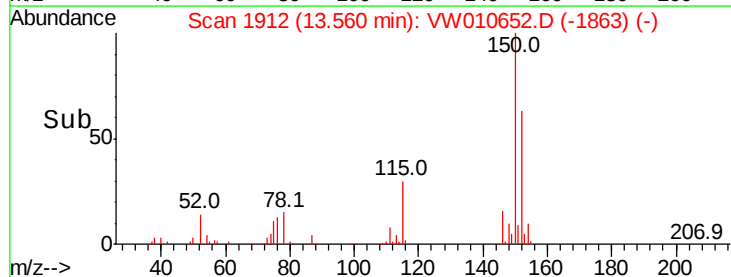
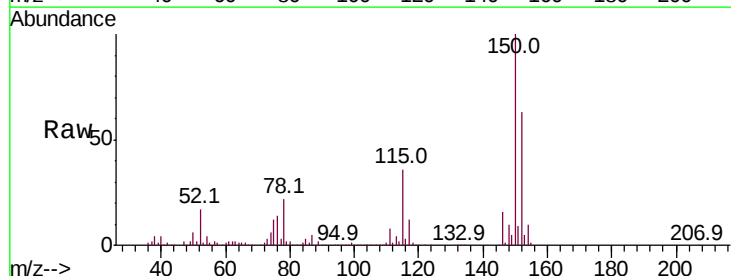
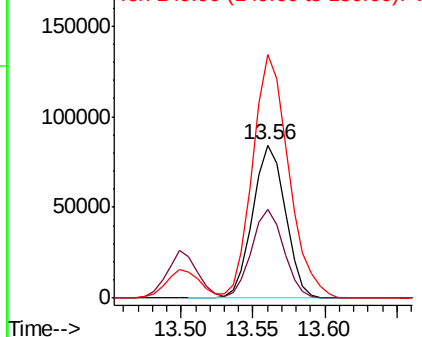
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

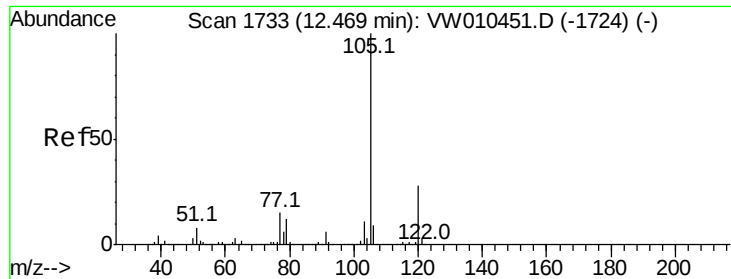


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	30.3	91.0
150	174.9	0.0	349.8

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: 53.186 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 559855

Ion Ratio Lower Upper

105 100

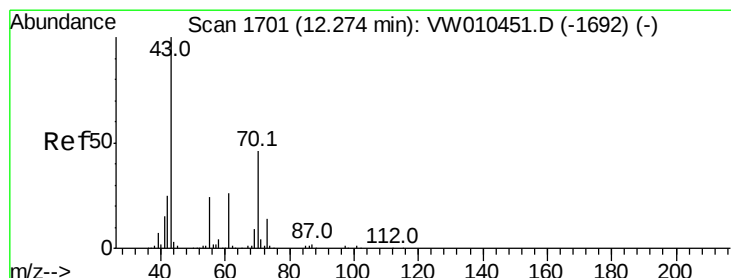
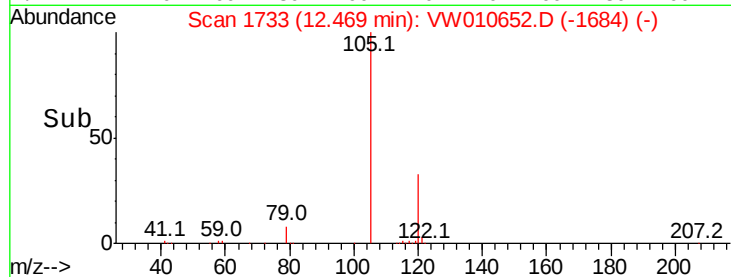
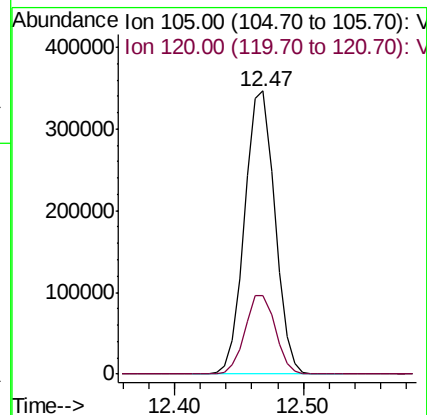
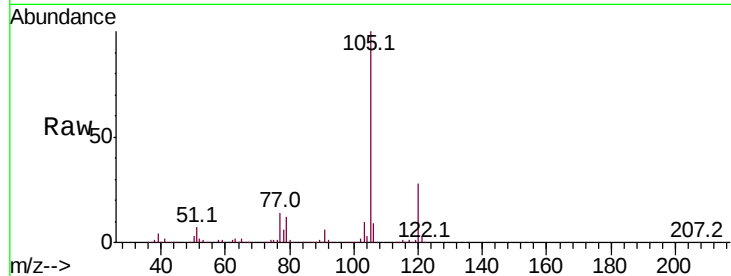
120 28.1 13.9 41.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 42.317 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion: 43 Resp: 102076

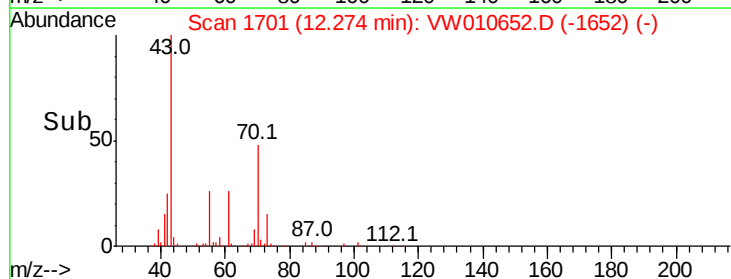
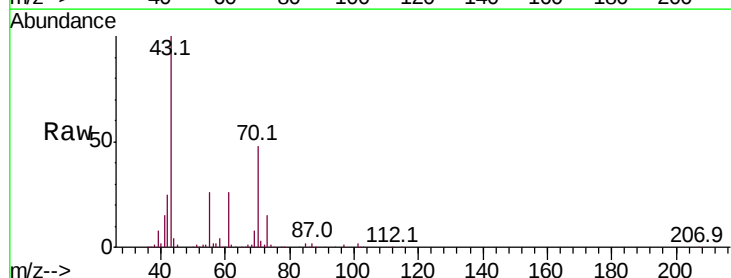
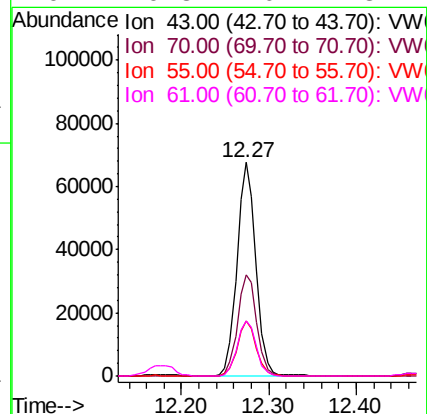
Ion Ratio Lower Upper

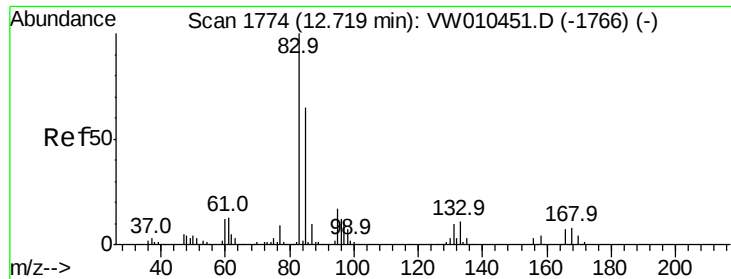
43 100

70 48.1 37.1 55.7

55 25.7 19.6 29.4

61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.975 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

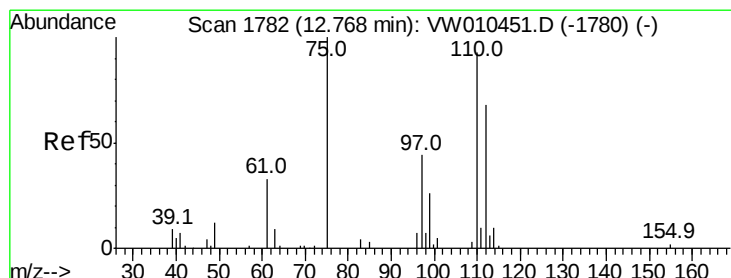
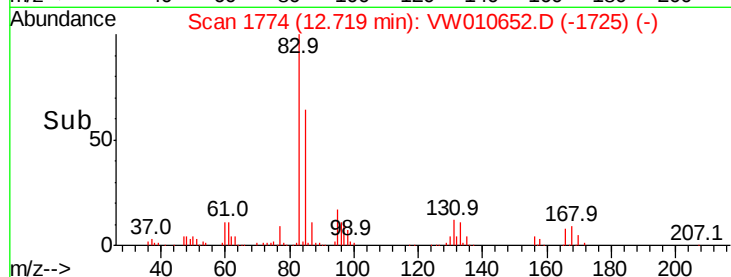
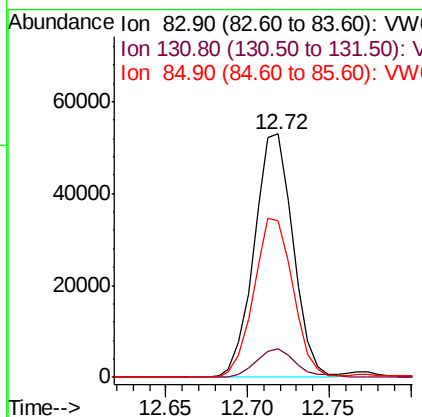
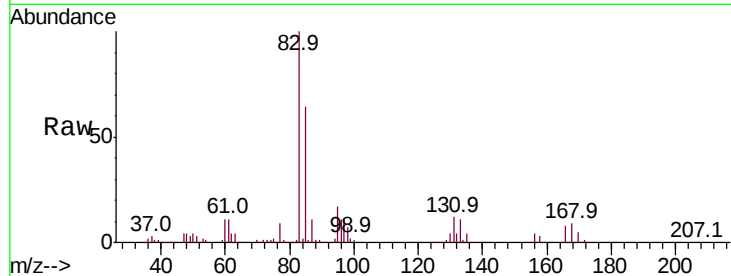
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	88025
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.6	16.8
85	66.1	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.066 ug/l m

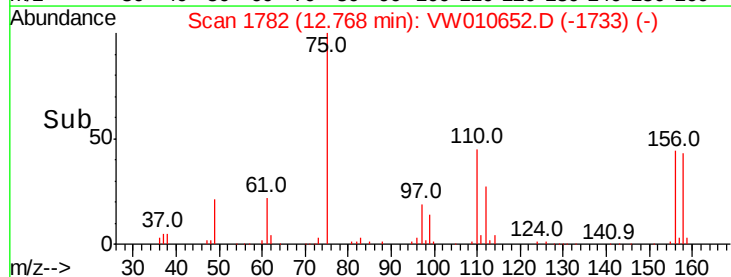
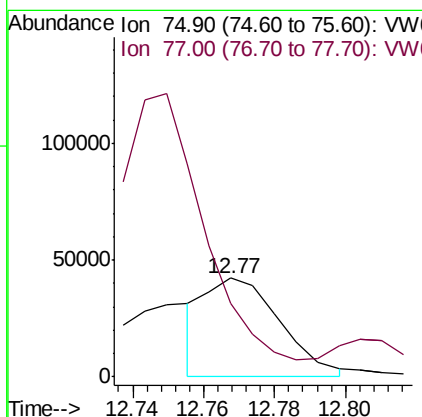
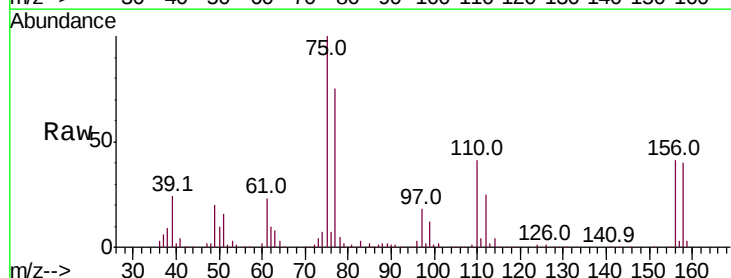
RT: 12.77 min Scan# 1782

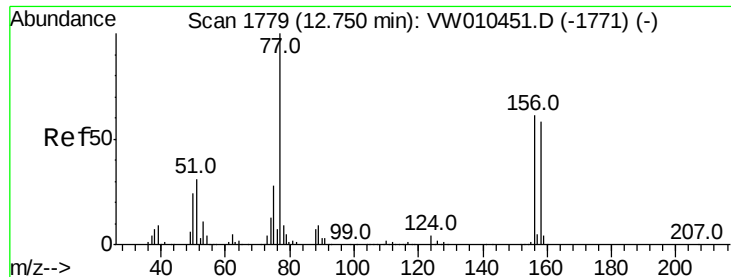
Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion:	75	Resp:	62028
Ion Ratio	Lower	Upper	
75	100		
77	356.6	170.0	510.1





#77

Bromobenzene

Concen: 56.487 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 133063

Ion Ratio Lower Upper

156 100

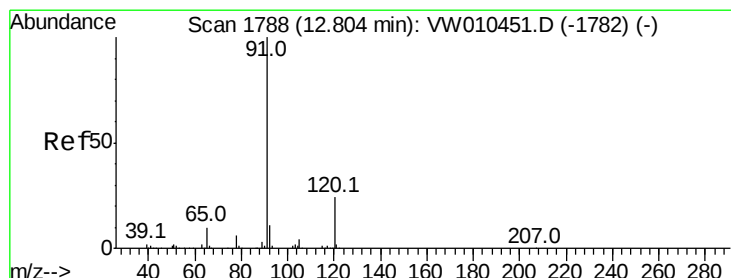
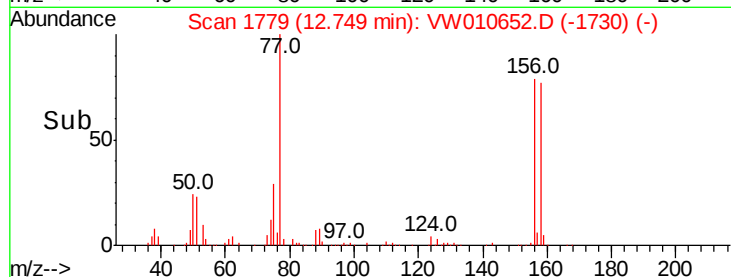
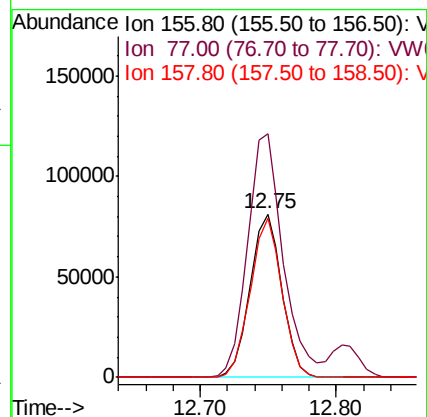
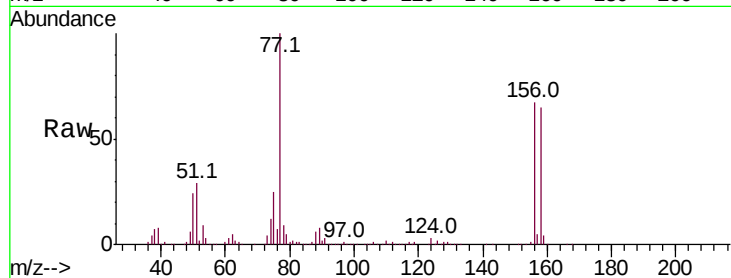
77 166.2 92.4 277.2

158 96.7 48.3 144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.292 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010652.D

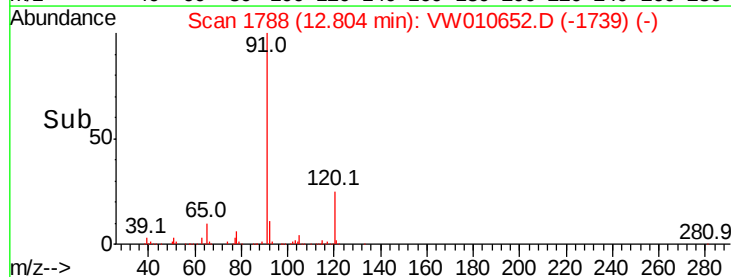
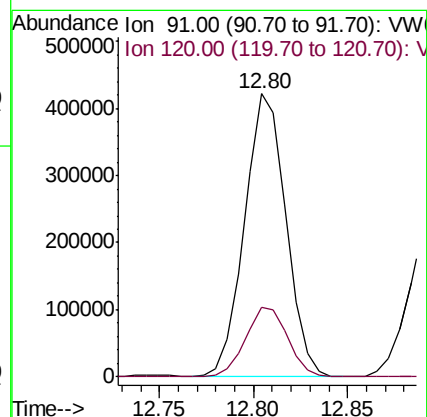
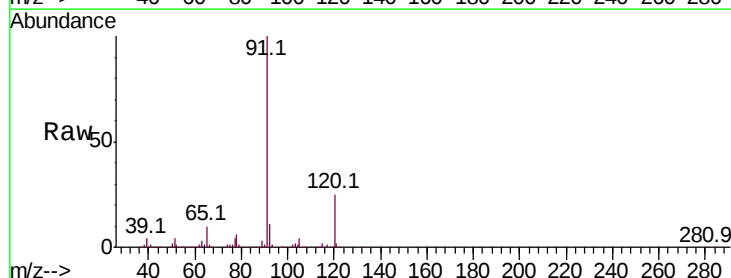
Acq: 03 Jun 2019 11:36

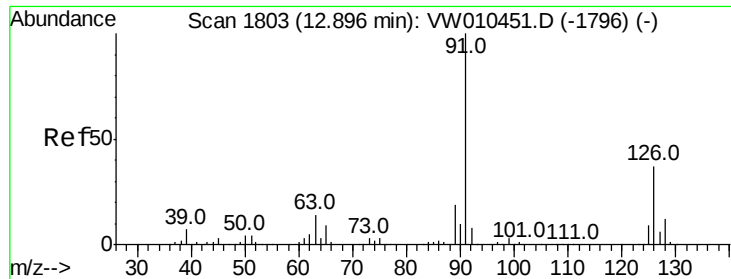
Tgt Ion: 91 Resp: 641485

Ion Ratio Lower Upper

91 100

120 25.1 12.3 36.8





#79

2-Chlorotoluene

Concen: 51.211 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 364317

Ion Ratio Lower Upper

91 100

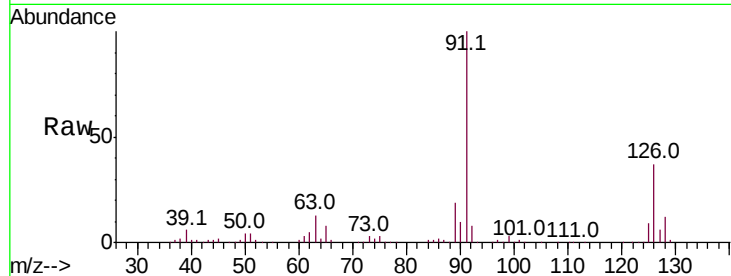
126 36.5 17.4 52.3

Manual Integrations

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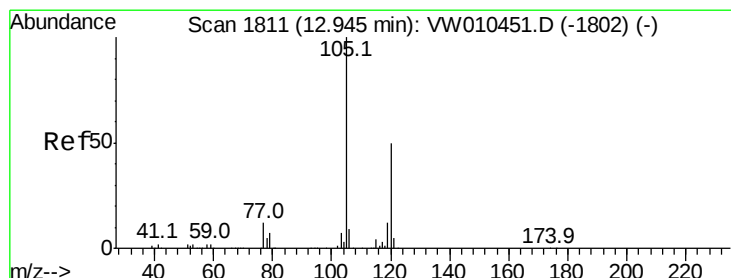
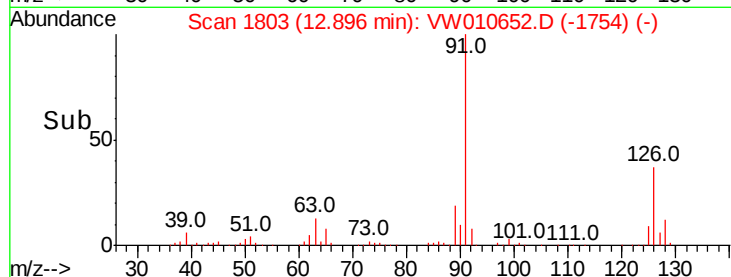
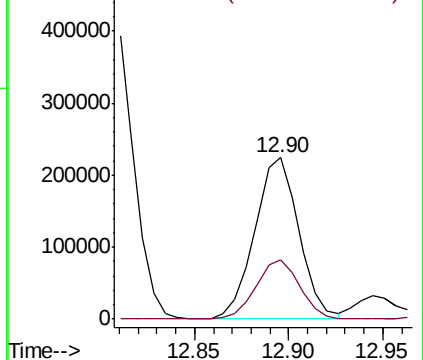
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.802 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010652.D

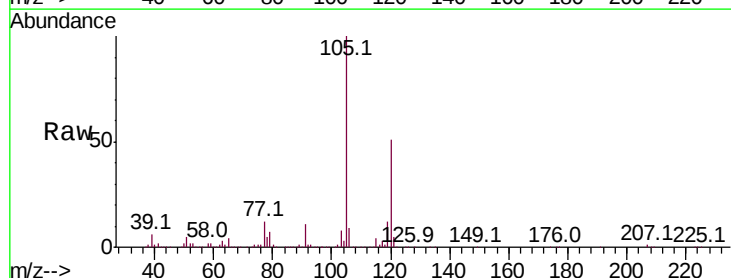
Acq: 03 Jun 2019 11:36

Tgt Ion:105 Resp: 470742

Ion Ratio Lower Upper

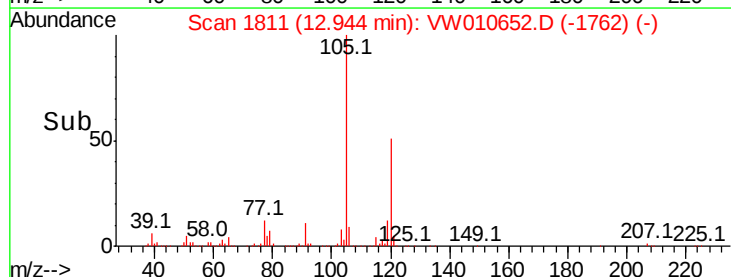
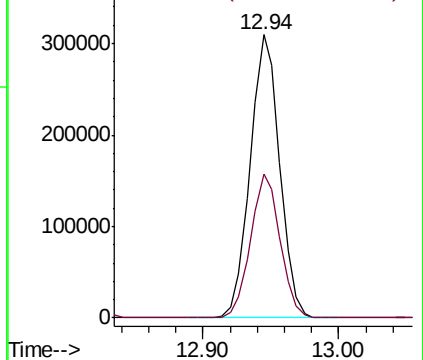
105 100

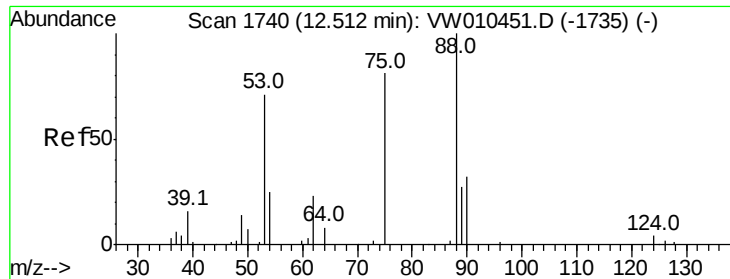
120 50.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





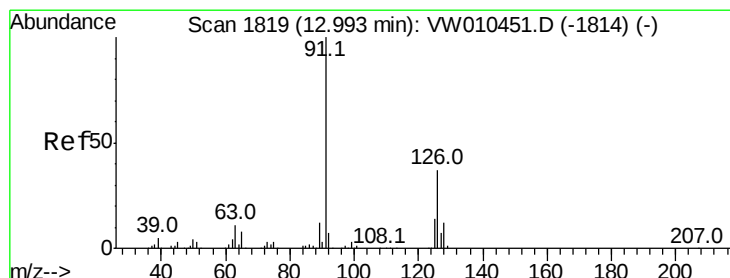
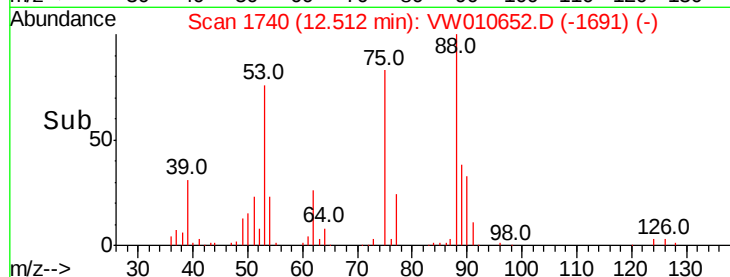
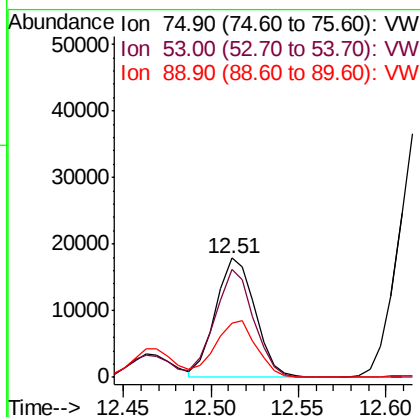
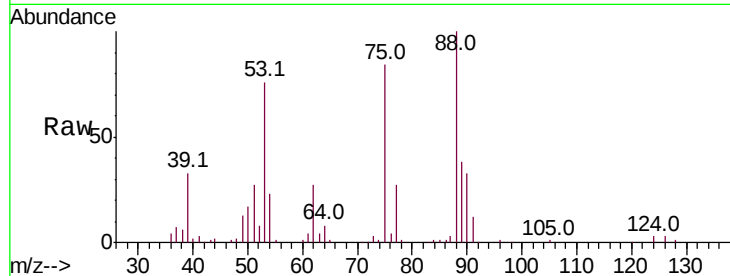
#81
trans-1,4-Dichloro-2-butene
Concen: 43.132 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.6	69.8	104.8
89	49.6	39.5	59.3

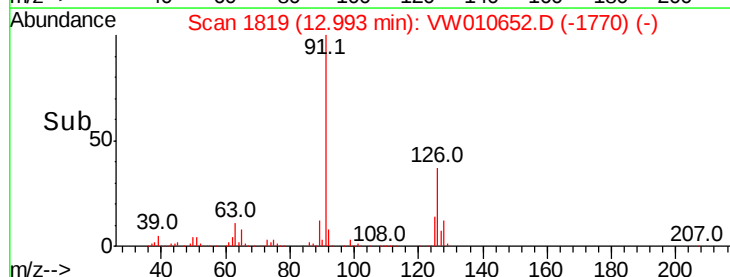
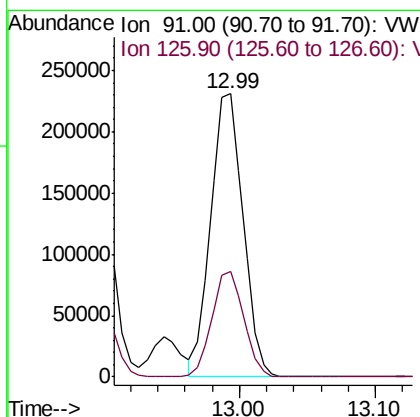
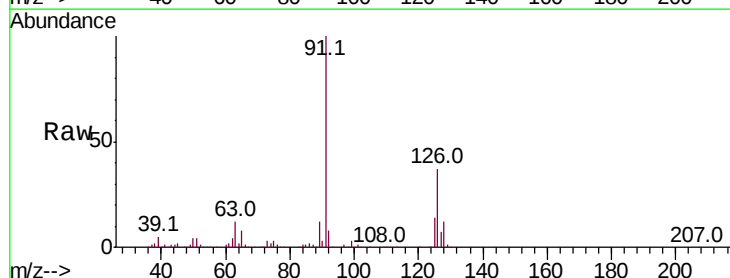
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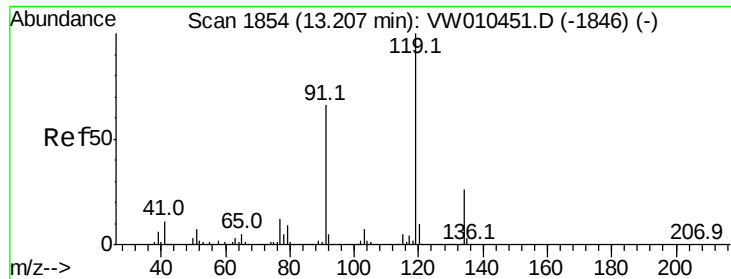
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#82
4-Chlorotoluene
Concen: 51.440 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.5	52.6





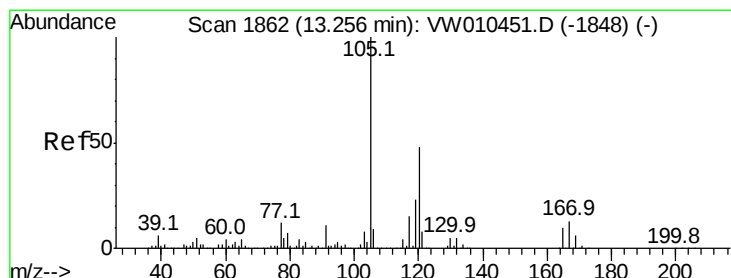
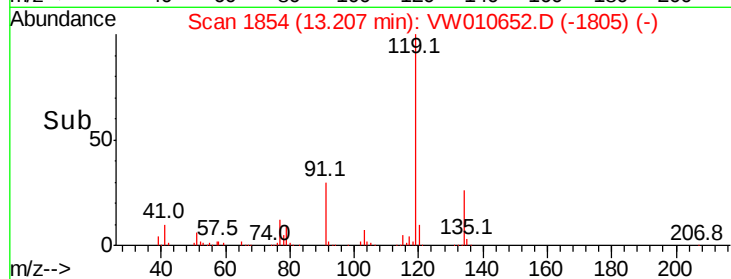
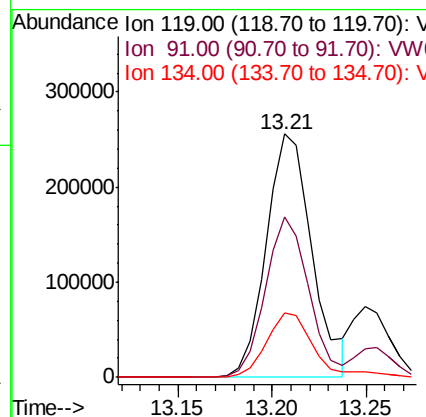
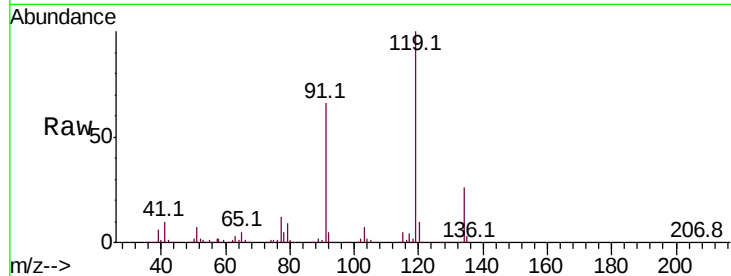
#83
 tert-Butylbenzene
 Concen: 55.304 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	430678		
91	62.5	33.1	99.5	
134	27.6	13.9	41.6	

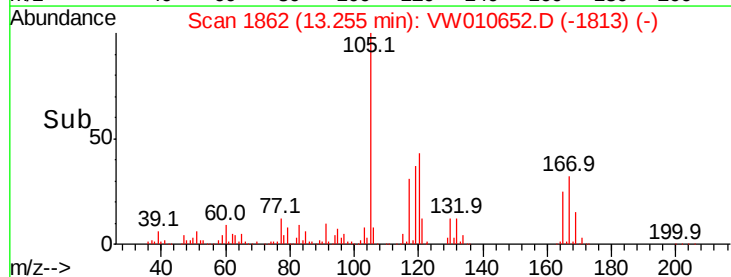
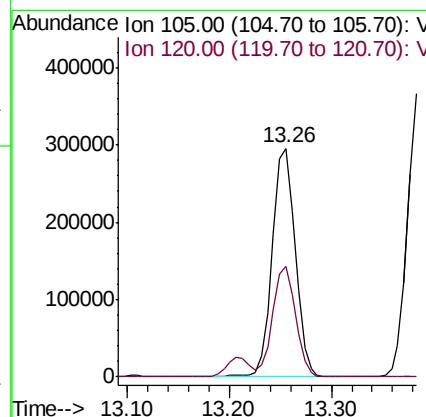
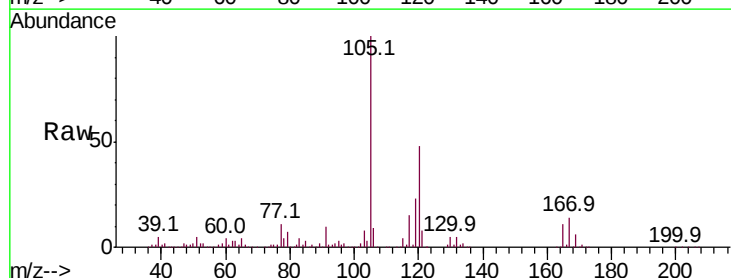
Manual Integrations
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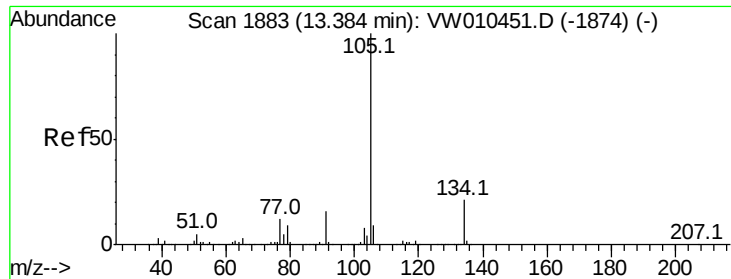
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.147 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	463028		
120	47.9	23.4	70.2	





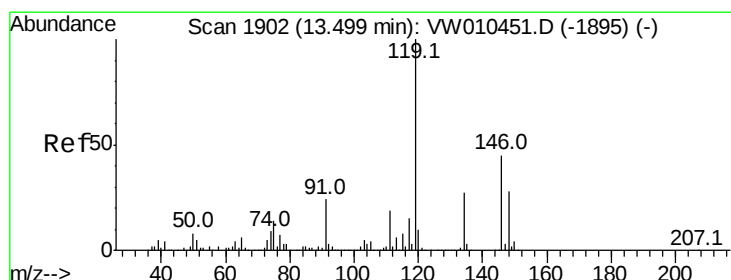
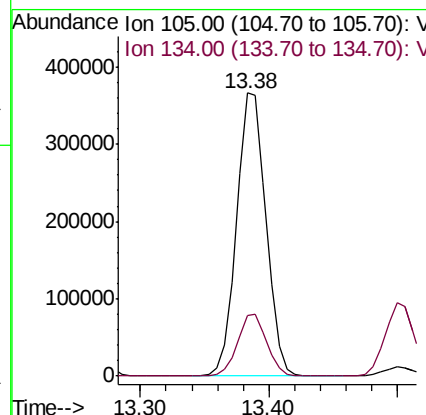
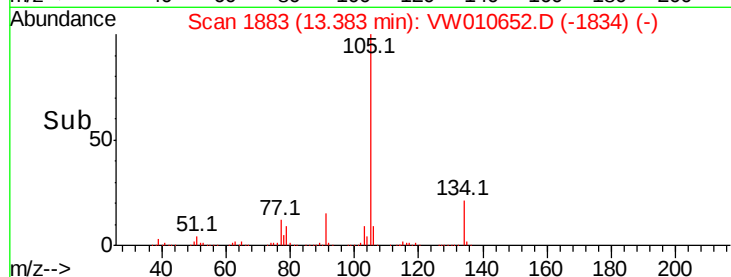
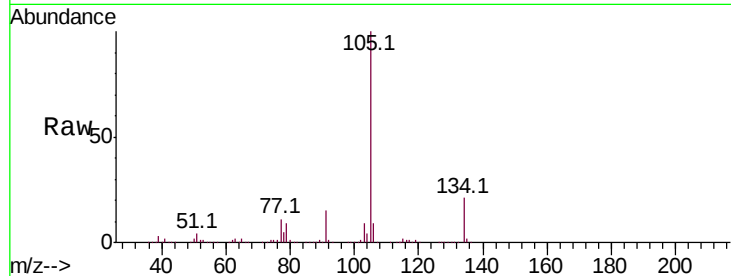
#85
 sec-Butylbenzene
 Concen: 53.210 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.5	31.6

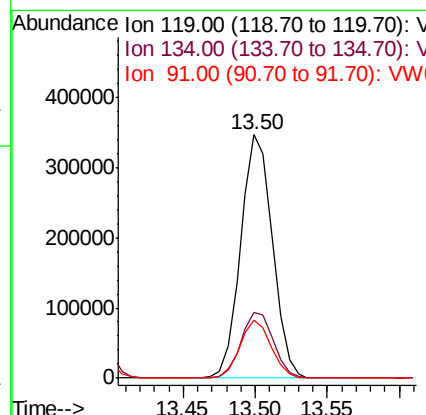
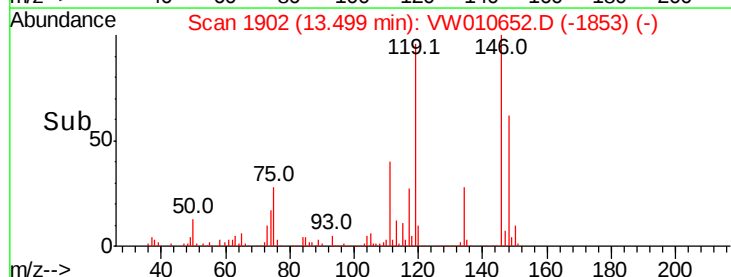
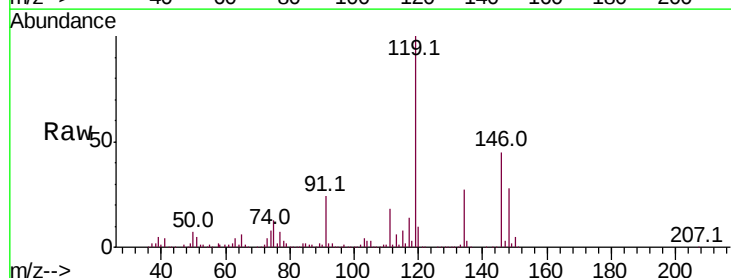
Manual Integrations
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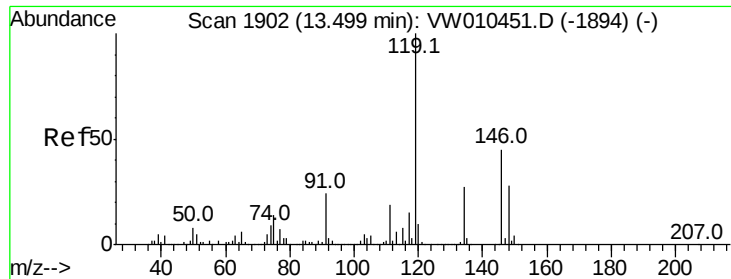
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#86
 p-Isopropyltoluene
 Concen: 53.838 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.6	40.7
91	23.3	11.9	35.7





#87

1,3-Dichlorobenzene

Concen: 54.741 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

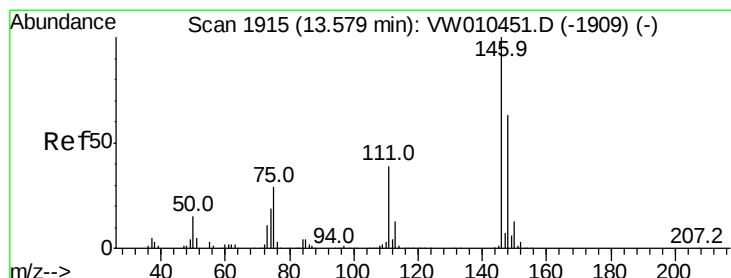
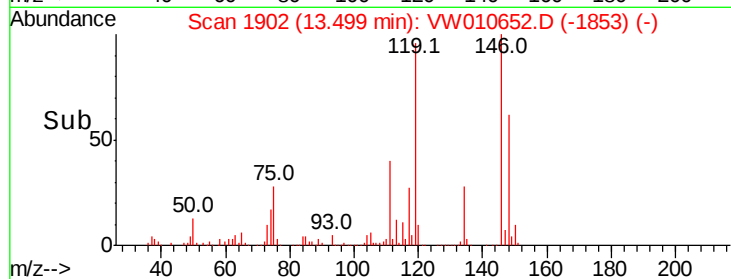
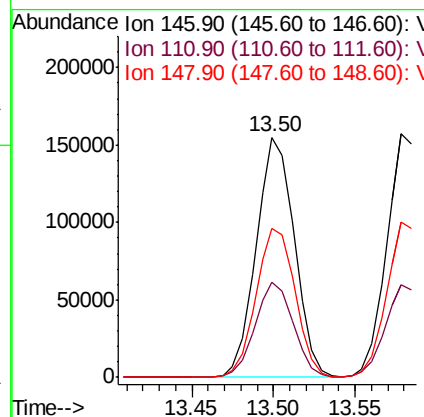
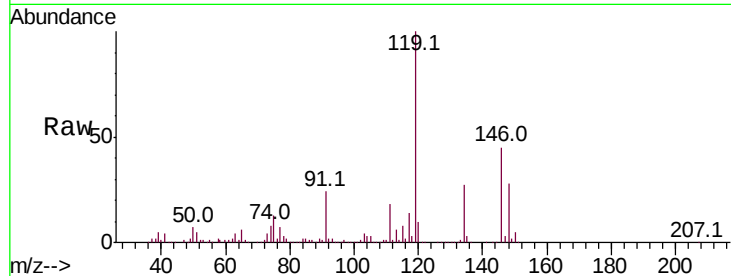
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	252990		
111	39.6	20.3	60.9	
148	63.4	31.6	94.8	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 55.008 ug/l

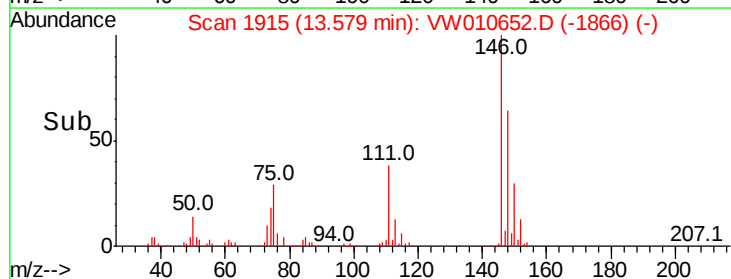
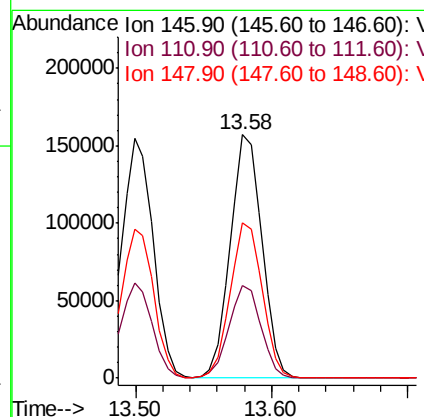
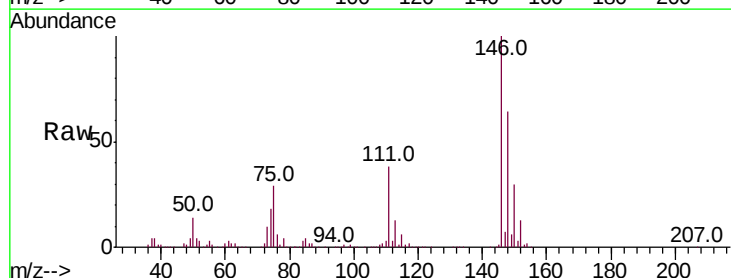
RT: 13.58 min Scan# 1915

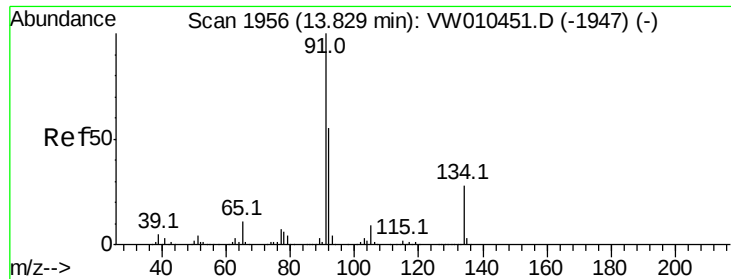
Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	255070		
111	38.2	19.9	59.6	
148	64.1	31.6	94.8	





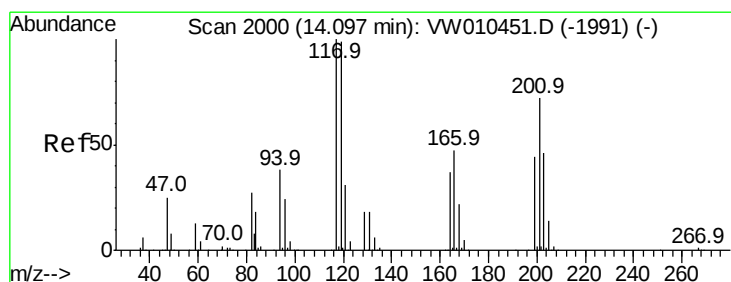
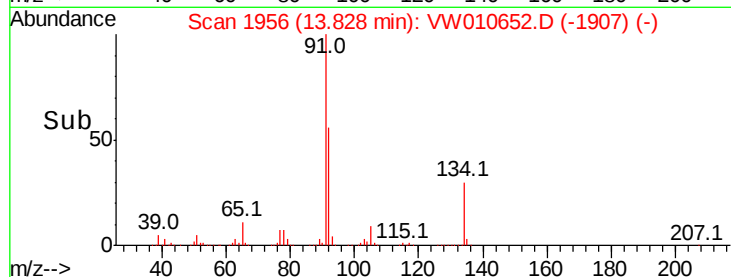
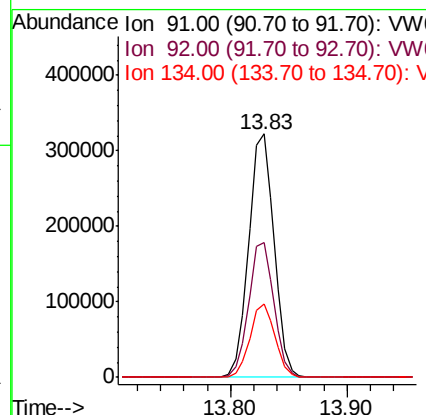
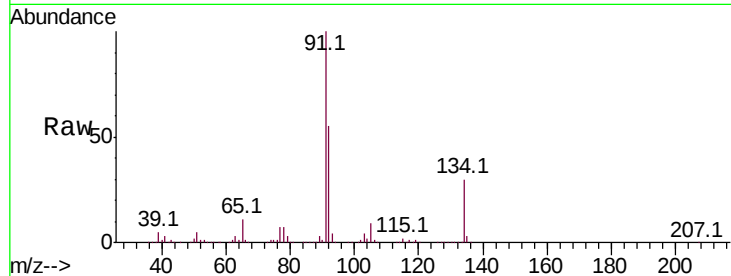
#89
n-Butylbenzene
Concen: 52.311 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.7	83.1
134	29.7	13.9	41.6

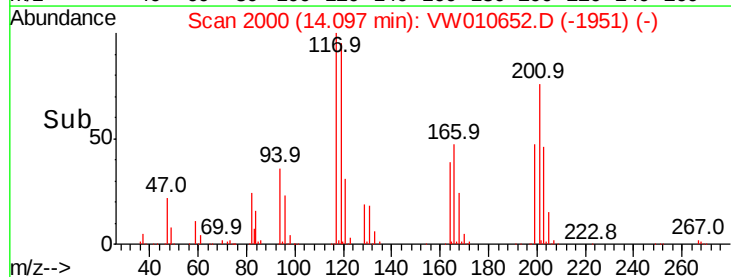
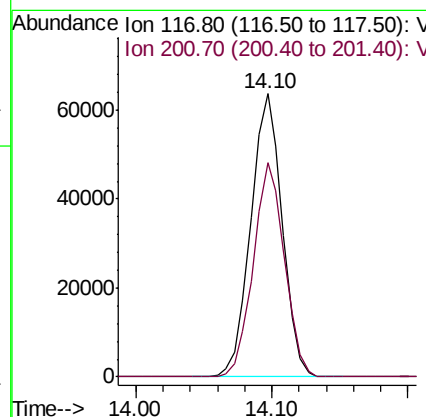
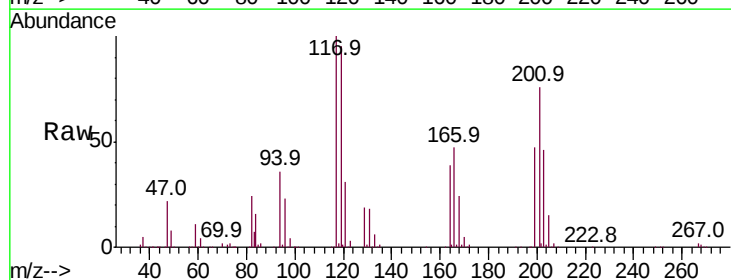
Manual Integrations
APPROVED

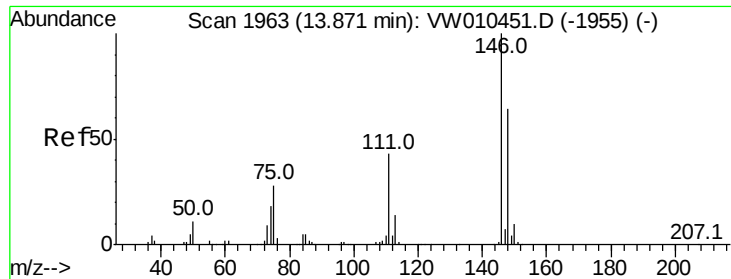
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#90
Hexachloroethane
Concen: 53.956 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010652.D
Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.2	34.6	103.8





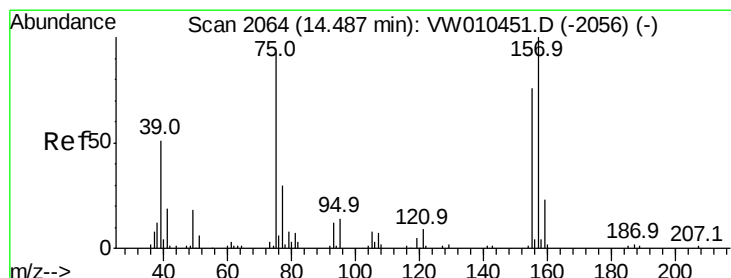
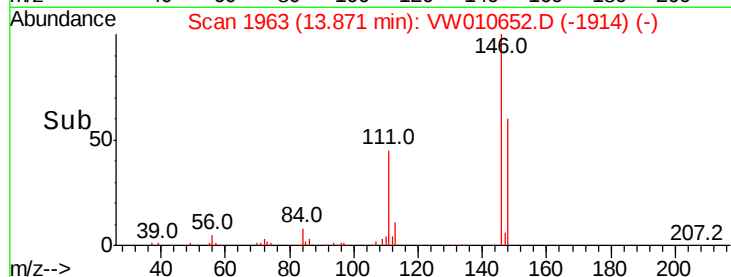
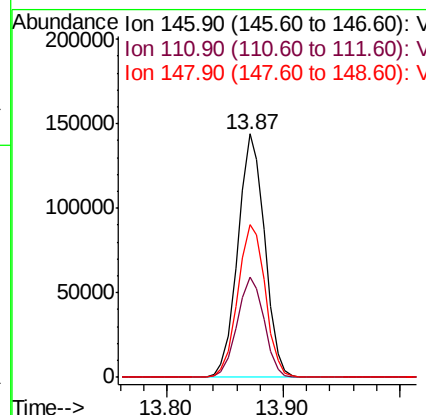
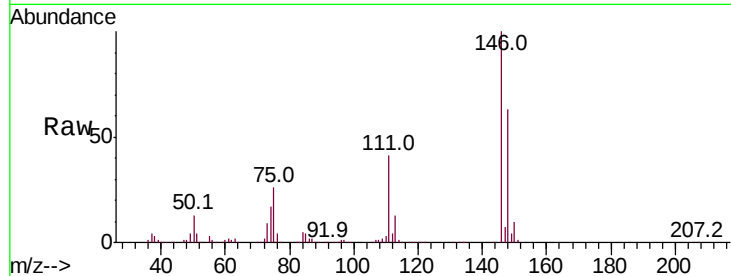
#91
 1,2-Dichlorobenzene
 Concen: 54.752 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	230559		
111	41.4	21.3	64.0	
148	64.2	32.0	96.0	

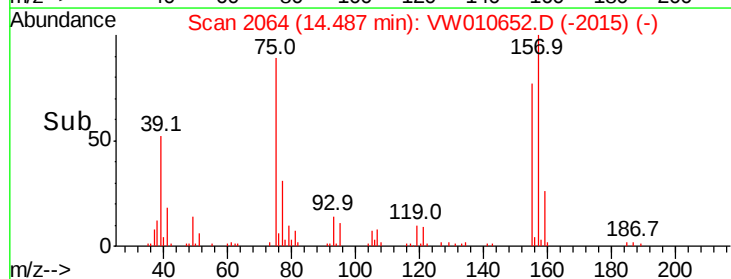
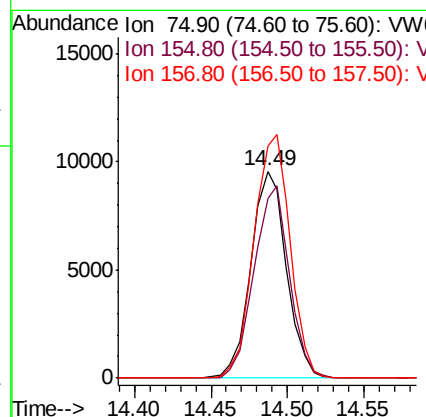
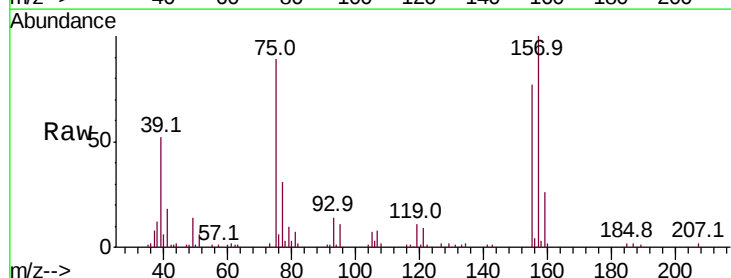
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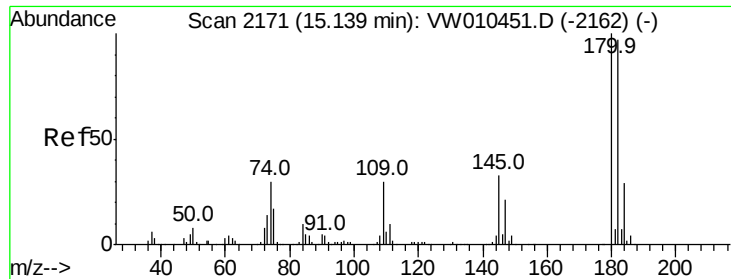
MMDadoda
 6/4/2019 12:12:42 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.406 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15453		
155	92.4	43.0	129.0	
157	119.8	55.7	167.1	





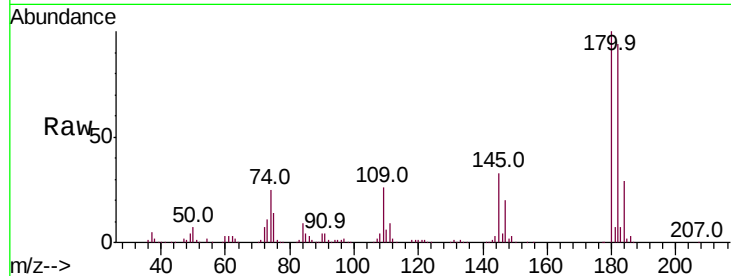
#93
 1,2,4-Trichlorobenzene
 Concen: 57.365 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

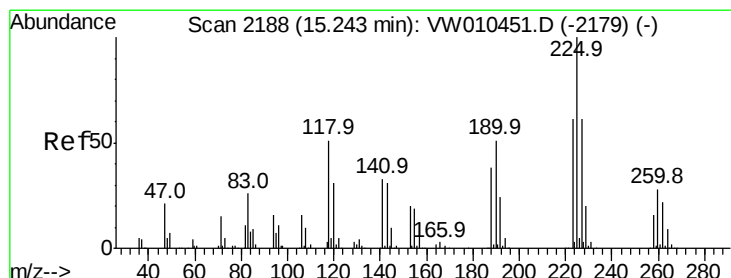
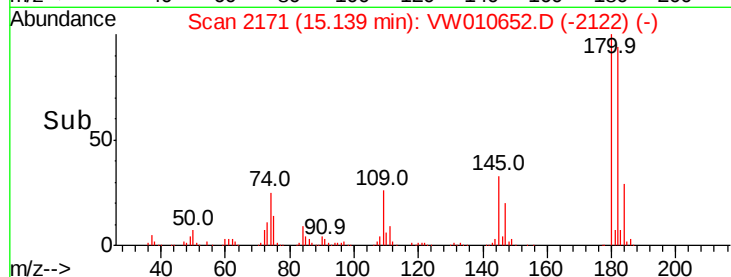
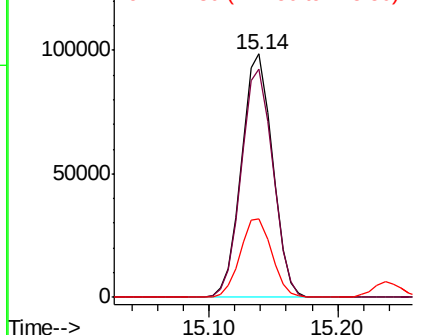
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.6	47.0	141.2	
145	32.9	16.7	50.0	

Manual Integrations
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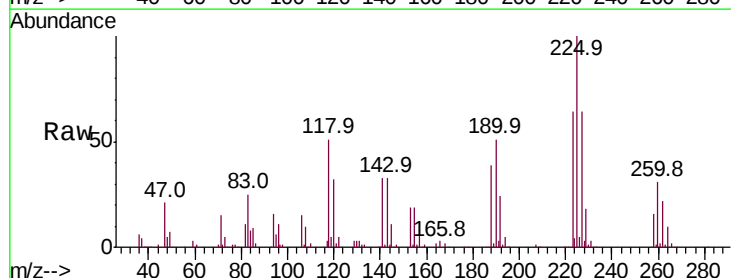


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

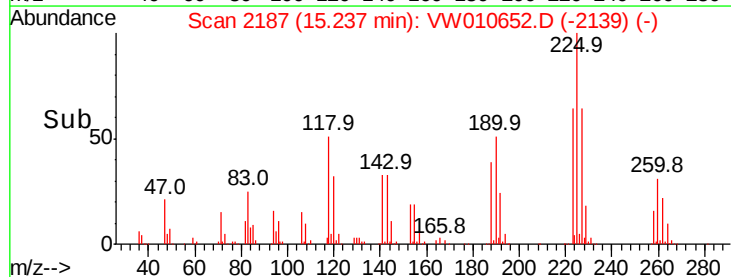
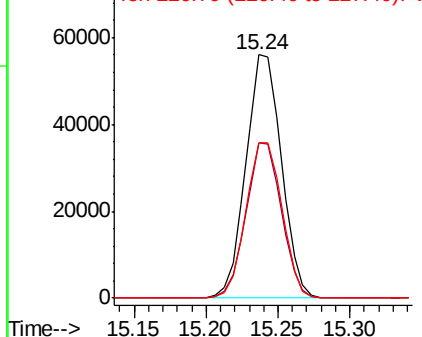


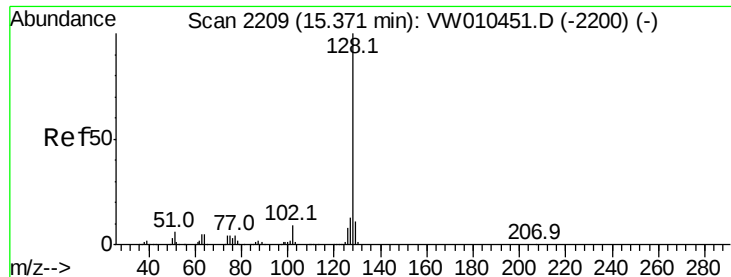
#94
 Hexachlorobutadiene
 Concen: 62.466 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010652.D
 Acq: 03 Jun 2019 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	31.1	93.2	
227	64.9	31.1	93.5	



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: 49.179 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Instrument :

MSVOA_W

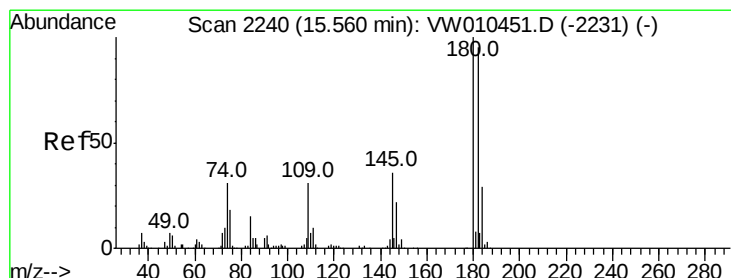
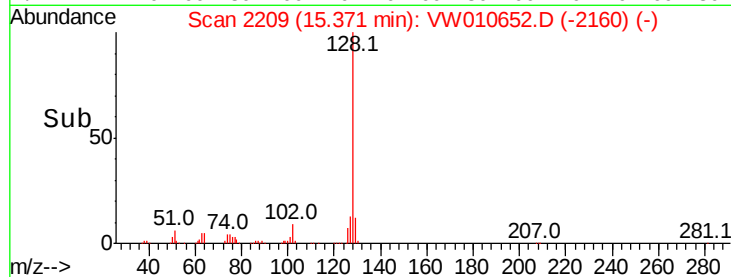
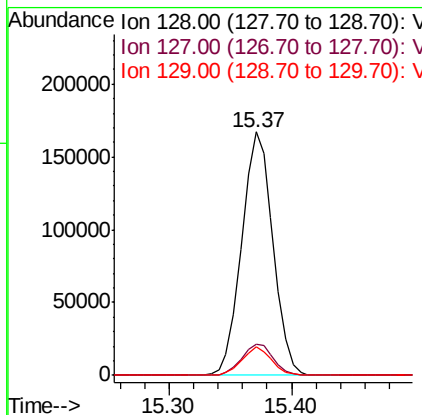
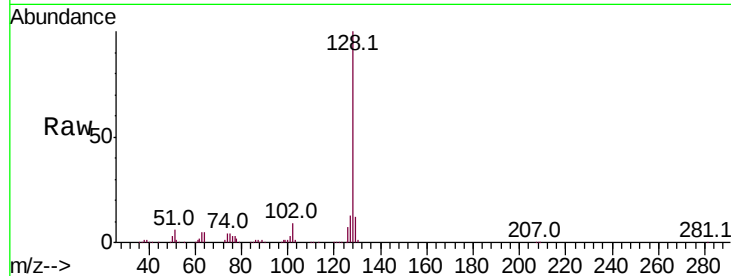
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	295779
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	11.0	8.9	13.3

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#96

1,2,3-Trichlorobenzene

Concen: 57.289 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010652.D

Acq: 03 Jun 2019 11:36

Tgt Ion:	180	Resp:	141238
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.1	141.3
145	34.0	17.4	52.3

