

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010606.D
 Acq On : 30 May 2019 10:43
 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
 6/1/2019 4:27:12 AM

Quant Time: May 31 07:53:02 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	132370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	217336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	63224	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	7.88	113	68522	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.32	98	267285	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.62	95	101742	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	58504	49.608	ug/l	99
3) Chloromethane	2.21	50	59299	42.637	ug/l	100
4) Vinyl Chloride	2.36	62	66562	41.318	ug/l	99
5) Bromomethane	2.76	94	55910	50.448	ug/l	95
6) Chloroethane	2.91	64	47020	45.468	ug/l	99
7) Trichlorofluoromethane	3.25	101	131109	55.125	ug/l	97
8) Diethyl Ether	3.68	74	35789	47.470	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	81520	55.656	ug/l	97
10) Methyl Iodide	4.27	142	81490	48.676	ug/l	97
11) Tert butyl alcohol	5.19	59	24717	201.121	ug/l	95
12) 1,1-Dichloroethene	4.03	96	75337	53.882	ug/l	94
13) Acrolein	3.90	56	16663	230.993	ug/l	97
14) Allyl chloride	4.67	41	100608	49.711	ug/l	98
15) Acrylonitrile	5.37	53	65297	206.803	ug/l	99
16) Acetone	4.13	43	71250	255.478	ug/l	100
17) Carbon Disulfide	4.37	76	202932	48.660	ug/l	100
18) Methyl Acetate	4.67	43	27074	39.693	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	164916	46.268	ug/l	99
20) Methylene Chloride	4.92	84	73187	44.129	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	86070	53.668	ug/l	97
22) Diisopropyl ether	6.31	45	203846	49.121	ug/l	96
23) Vinyl Acetate	6.26	43	568850	229.479	ug/l	99
24) 1,1-Dichloroethane	6.21	63	130935	52.872	ug/l	98
25) 2-Butanone	7.17	43	90575	226.939	ug/l	99
26) 2,2-Dichloropropane	7.17	77	132509	56.173	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92381	52.984	ug/l	99
28) Bromochloromethane	7.51	49	45994	51.874	ug/l	93
29) Tetrahydrofuran	7.53	42	51319	190.020	ug/l	97
30) Chloroform	7.67	83	142335	53.285	ug/l	100
31) Cyclohexane	7.95	56	126682	48.835	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	138282	54.163	ug/l	98
36) 1,1-Dichloropropene	8.08	75	113667	56.143	ug/l	99
37) Ethyl Acetate	7.25	43	36420	42.302	ug/l	98
38) Carbon Tetrachloride	8.07	117	124813	57.148	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	150955	55.652	ug/l	98
40) Benzene	8.32	78	315432	56.054	ug/l	100
41) Methacrylonitrile	7.48	41	21638	42.298	ug/l	99
42) 1,2-Dichloroethane	8.40	62	83429	51.873	ug/l	99
43) Isopropyl Acetate	8.42	43	74387	43.248	ug/l	97
44) Trichloroethene	9.09	130	96667	57.863	ug/l	98
45) 1,2-Dichloropropane	9.37	63	72413	54.183	ug/l	97
46) Dibromomethane	9.46	93	40385	51.670	ug/l	95
47) Bromodichloromethane	9.64	83	105712	53.822	ug/l	98
48) Methyl methacrylate	9.43	41	34017	43.230	ug/l	96
49) 1,4-Dioxane	9.46	88	10081	789.568	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	187273	214.871	ug/l	98
52) Toluene	10.39	92	212505	56.231	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	101052	50.800	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	120955	53.242	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	57698	51.336	ug/l	98
56) Ethyl methacrylate	10.65	69	70307	45.357	ug/l	98
57) 1,3-Dichloropropane	10.93	76	96322	51.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	144306	210.181	ug/l	97
59) 2-Hexanone	10.97	43	136150	218.987	ug/l	97
60) Dibromochloromethane	11.13	129	74340	52.262	ug/l	99
61) 1,2-Dibromoethane	11.24	107	57744	50.718	ug/l	99
64) Tetrachloroethene	10.86	164	77662	58.660	ug/l	98
65) Chlorobenzene	11.66	112	232704	57.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	82263	56.734	ug/l	99
67) Ethyl Benzene	11.73	91	407209	56.981	ug/l	98
68) m/p-Xylenes	11.84	106	322564	115.077	ug/l	98
69) o-Xylene	12.16	106	148963	56.091	ug/l	100
70) Styrene	12.18	104	252732	56.088	ug/l	99
71) Bromoform	12.35	173	40311	50.485	ug/l #	97
73) Isopropylbenzene	12.46	105	415286	56.937	ug/l	99
74) N-amyl acetate	12.27	43	69444	41.548	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	61928	46.680	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	42322m	45.361	ug/l	
77) Bromobenzene	12.75	156	94308	57.779	ug/l	94
78) n-propylbenzene	12.80	91	476848	56.099	ug/l	99
79) 2-Chlorotoluene	12.90	91	275131	55.815	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	345731	55.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	19438	43.481	ug/l	96
82) 4-Chlorotoluene	12.99	91	282495	55.213	ug/l	98
83) tert-Butylbenzene	13.21	119	303496	56.244	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	338129	54.957	ug/l	99
85) sec-Butylbenzene	13.38	105	426343	56.459	ug/l	99
86) p-Isopropyltoluene	13.50	119	385253	56.365	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	179431	56.032	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	181302	56.428	ug/l	99
89) n-Butylbenzene	13.83	91	358775	55.185	ug/l	99
90) Hexachloroethane	14.10	117	74517	56.325	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	163425	56.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10184	41.284	ug/l	95

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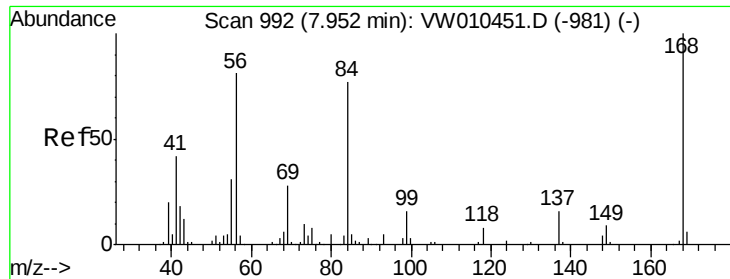
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	110926	55.875	ug/l	100
94) Hexachlorobutadiene	15.24	225	64892	61.186	ug/l	100
95) Naphthalene	15.37	128	194024	46.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	93292	54.613	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 132370

Ion Ratio Lower Upper

168 100

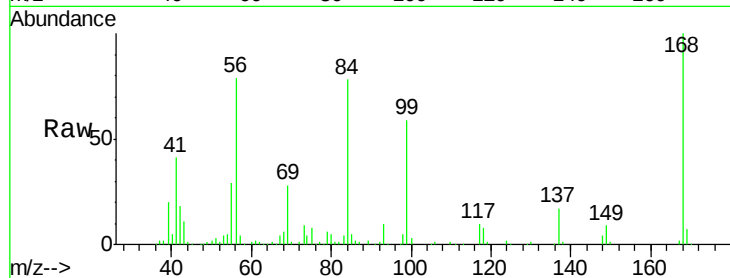
99 58.8 46.1 69.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

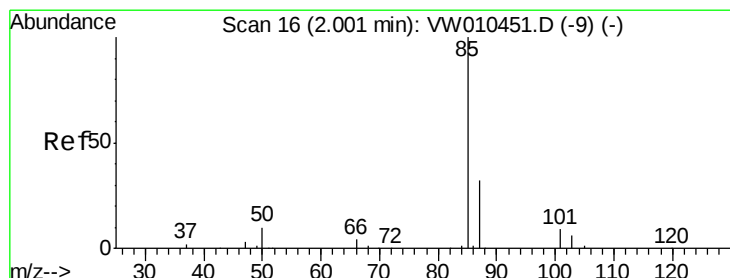
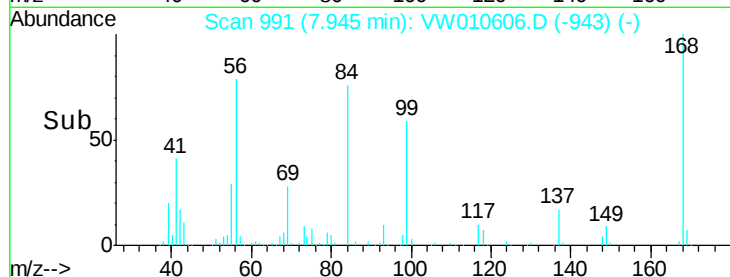
40000

20000

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Time-->

7.90 8.00



#2

Dichlorodifluoromethane

Concen: 49.608 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010606.D

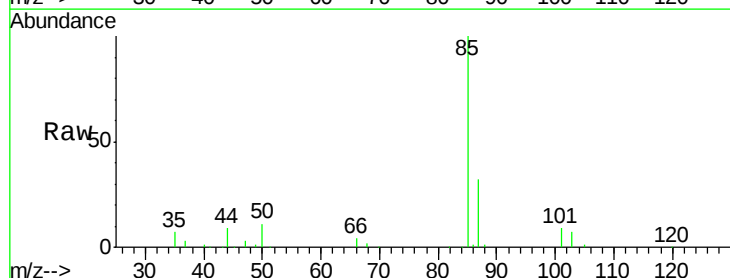
Acq: 30 May 2019 10:43

Tgt Ion: 85 Resp: 58504

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

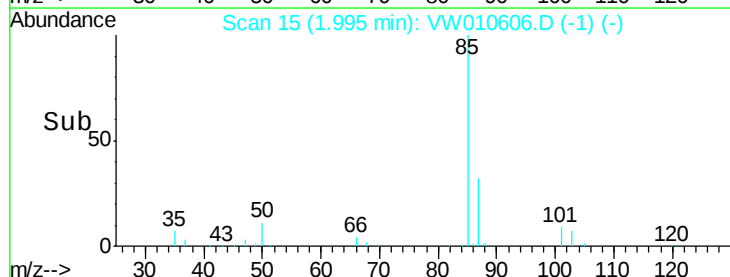
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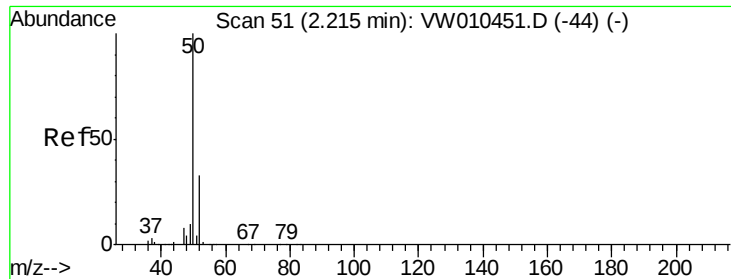
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Time-->

1.90 2.00 2.10





#3

Chloromethane

Concen: 42.637 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 59299

Ion Ratio Lower Upper

50 100

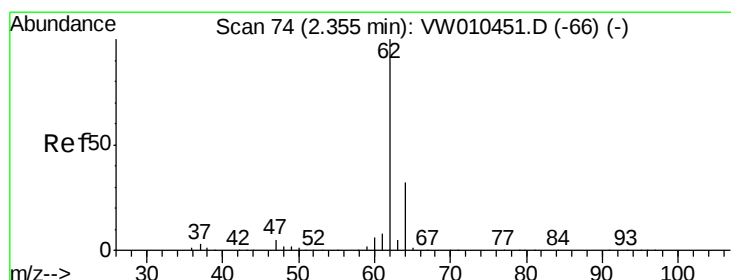
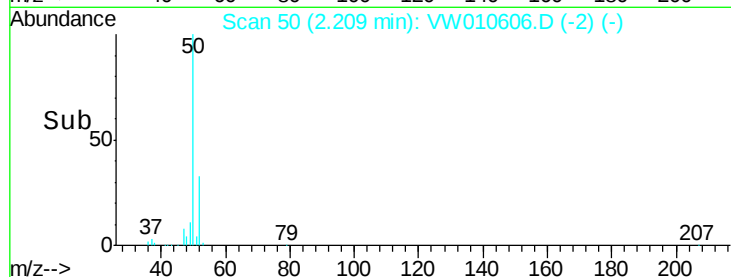
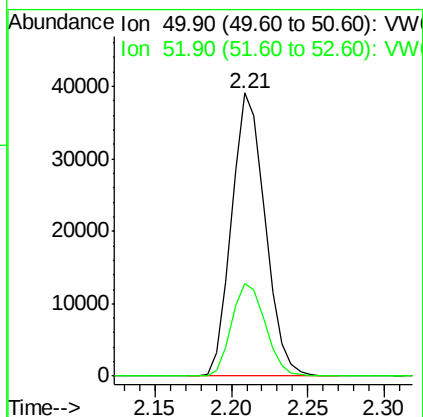
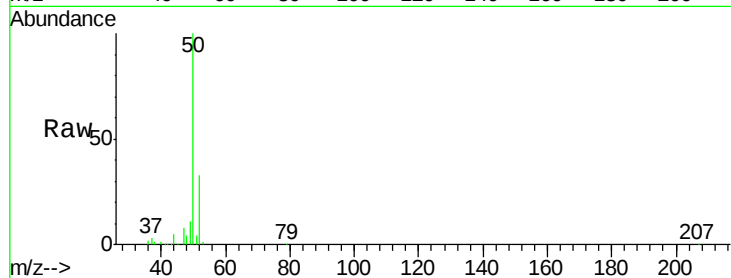
52 32.6 26.3 39.5

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#4

Vinyl Chloride

Concen: 41.318 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010606.D

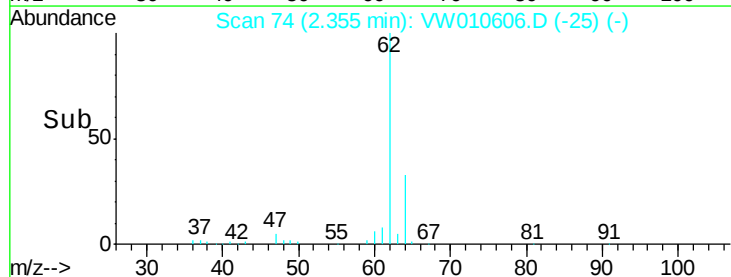
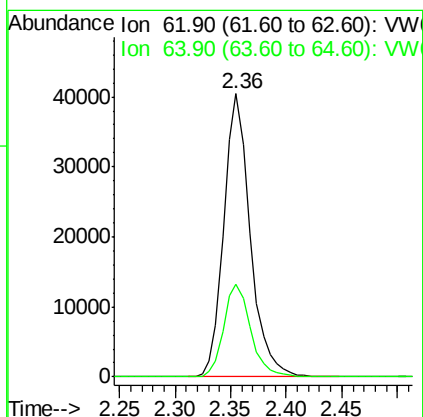
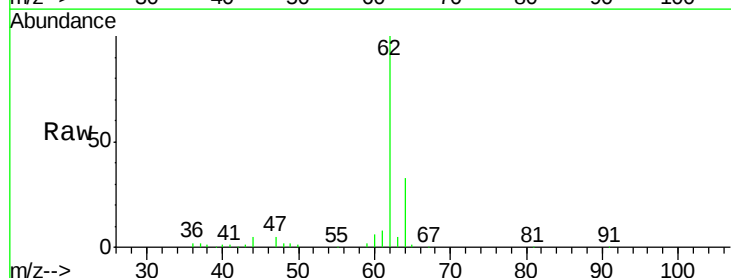
Acq: 30 May 2019 10:43

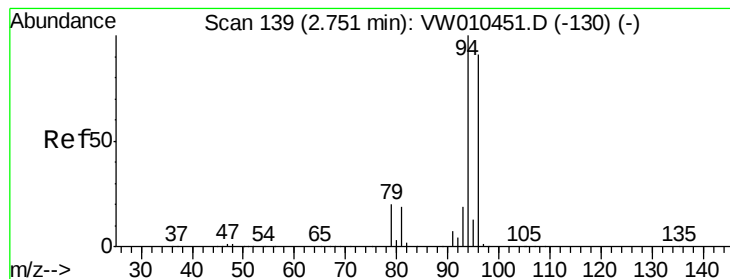
Tgt Ion: 62 Resp: 66562

Ion Ratio Lower Upper

62 100

64 32.6 25.8 38.8





#5

Bromomethane

Concen: 50.448 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 55910

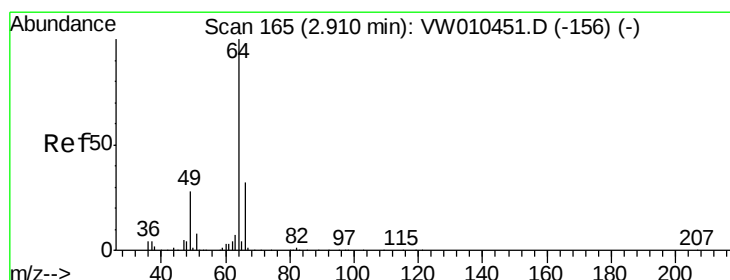
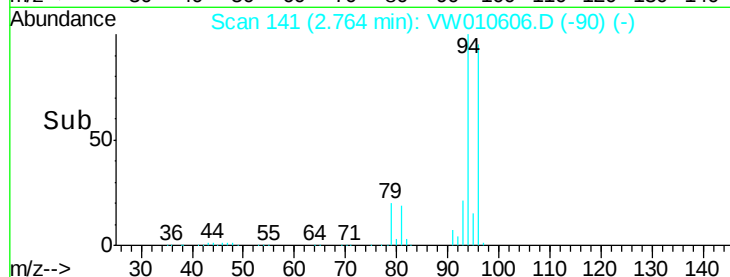
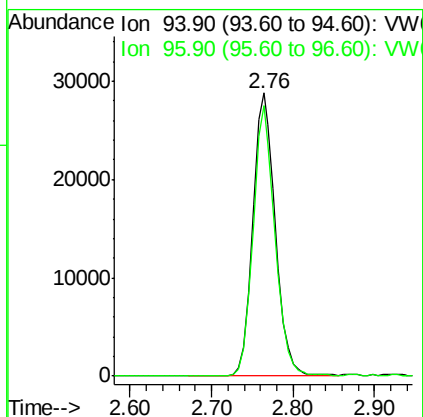
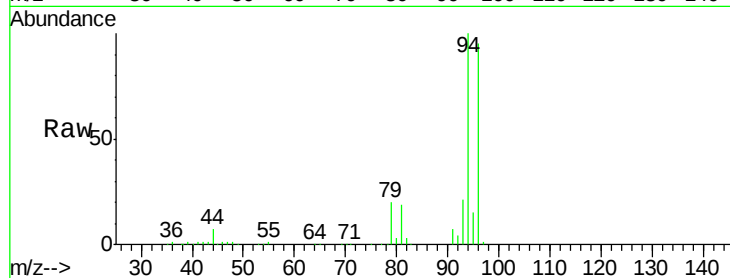
Ion Ratio Lower Upper

94 100

96 95.5 72.9 109.3

Manual Integrations
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#6

Chloroethane

Concen: 45.468 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010606.D

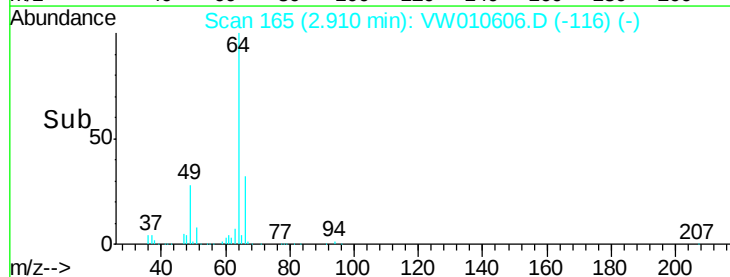
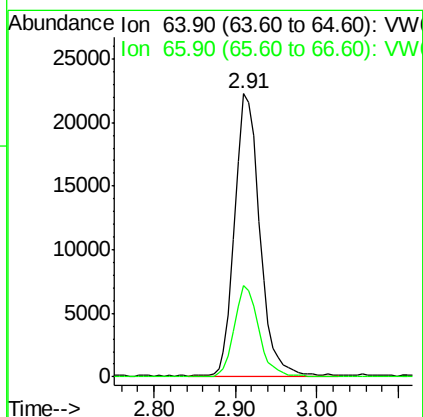
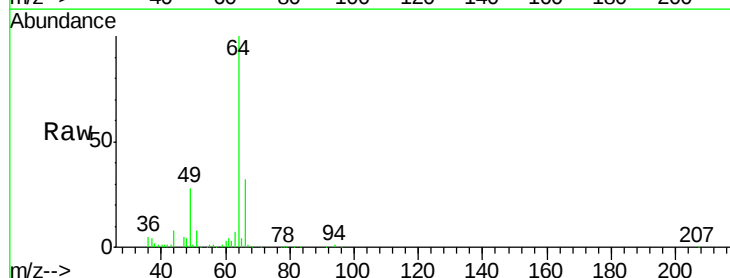
Acq: 30 May 2019 10:43

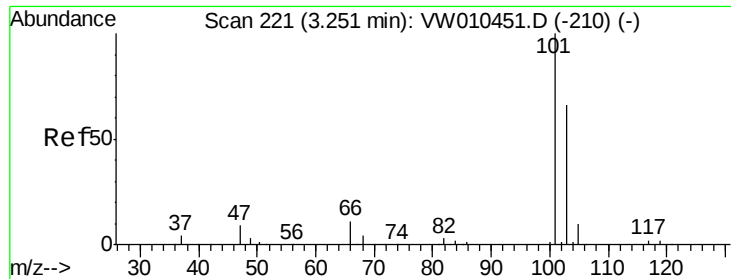
Tgt Ion: 64 Resp: 47020

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

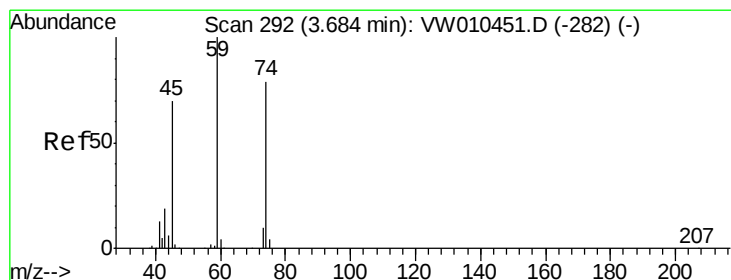
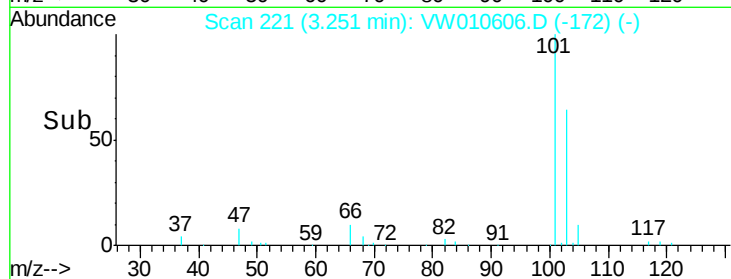
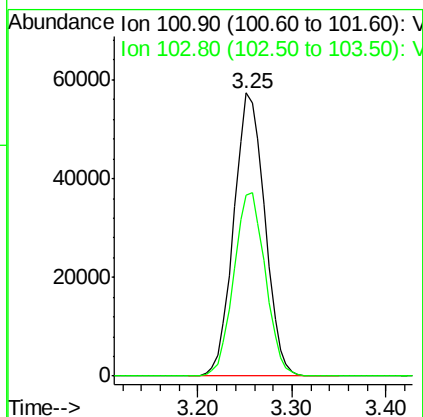
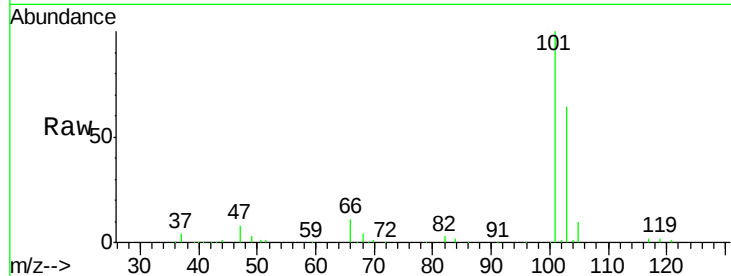
Trichlorofluoromethane
 Concen: 55.125 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010606.D
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Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	53.0	79.4

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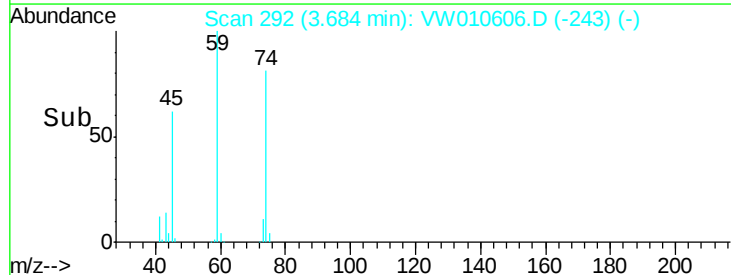
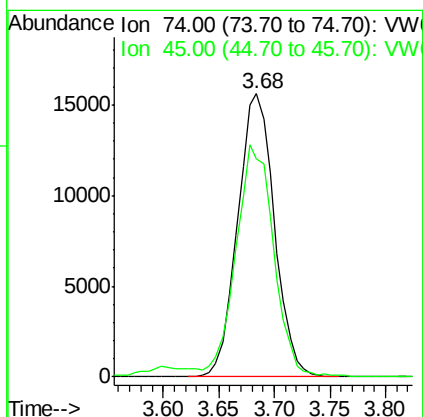
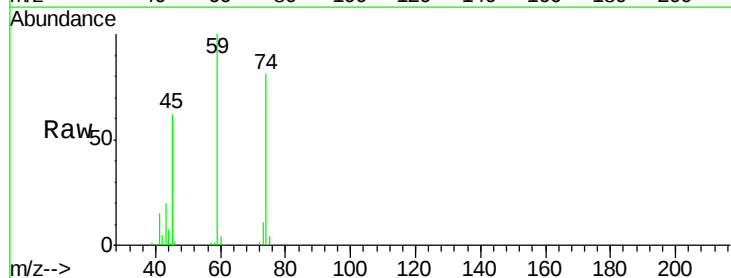
MMDadoda
 6/1/2019 4:27:12 AM

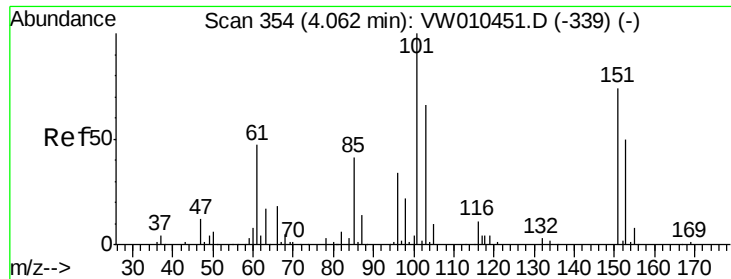


#8

Diethyl Ether
 Concen: 47.470 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.2	42.9	128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.656 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

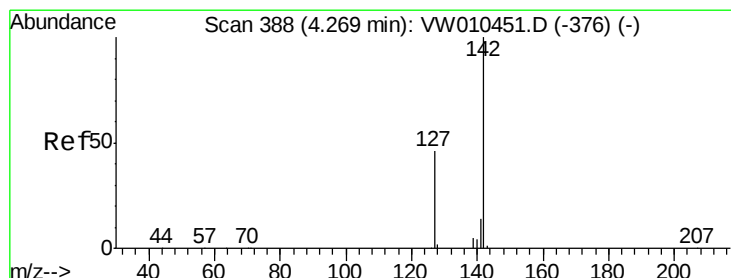
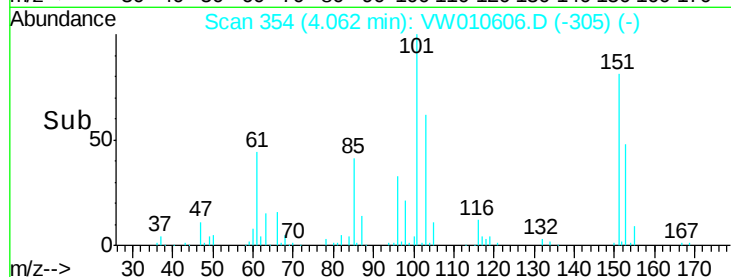
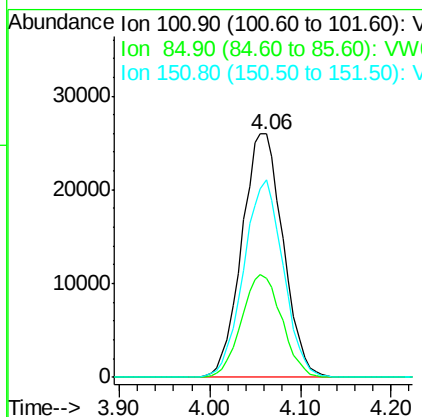
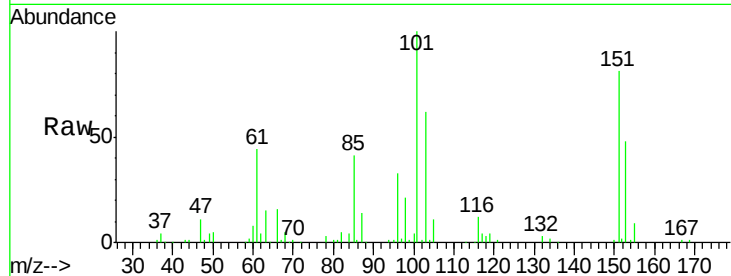
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	81520
Ion Ratio	Lower	Upper	
101	100		
85	41.2	34.3	51.5
151	77.9	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 48.676 ug/l

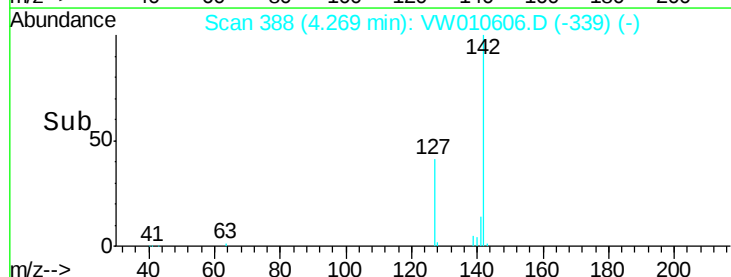
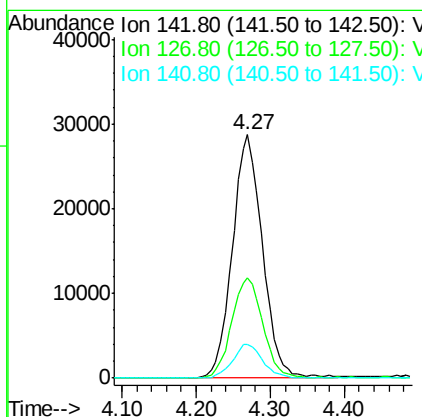
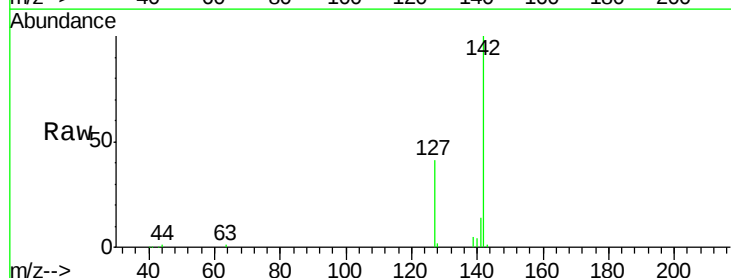
RT: 4.27 min Scan# 388

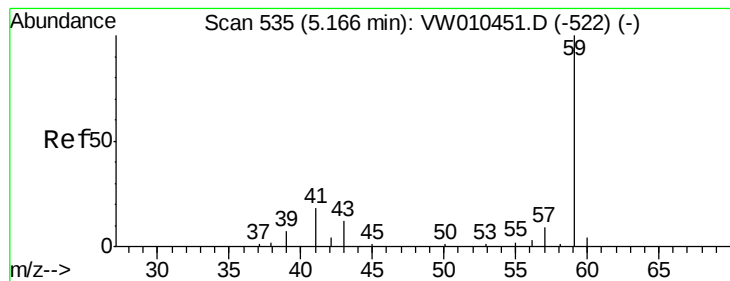
Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Tgt Ion:	142	Resp:	81490
Ion Ratio	Lower	Upper	
142	100		
127	42.6	36.1	54.1
141	13.9	11.3	16.9





#11

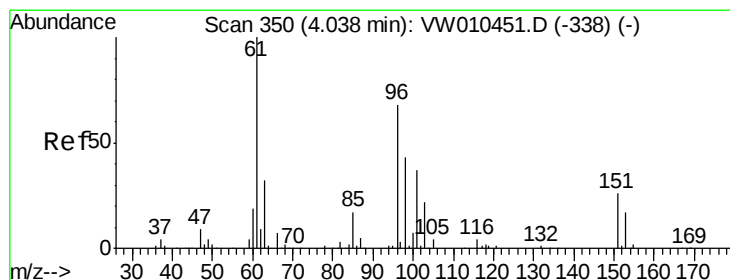
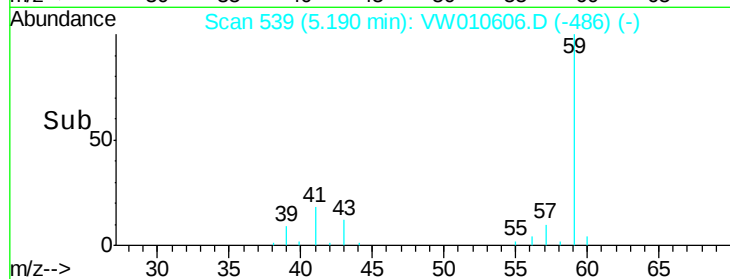
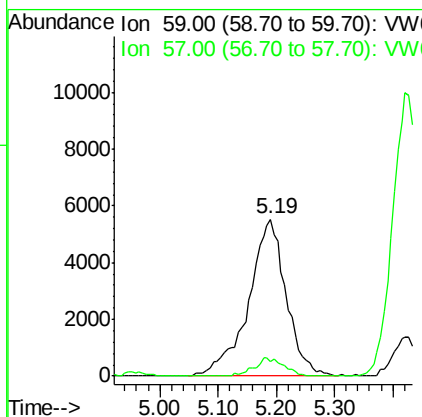
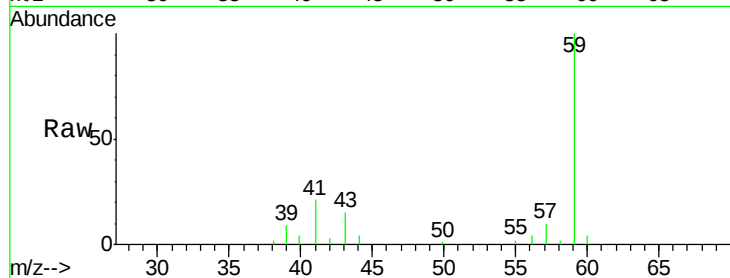
Tert butyl alcohol
 Concen: 201.121 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.8	13.2

Manual Integrations
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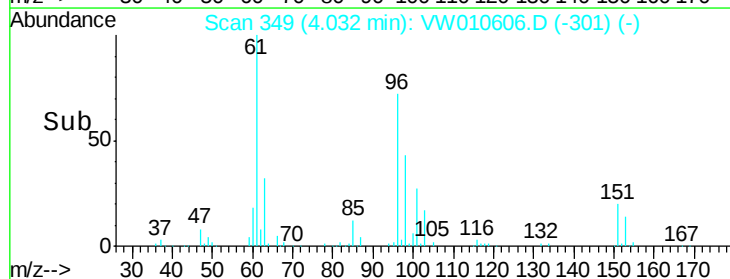
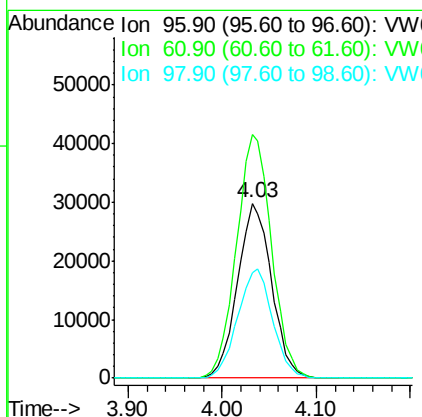
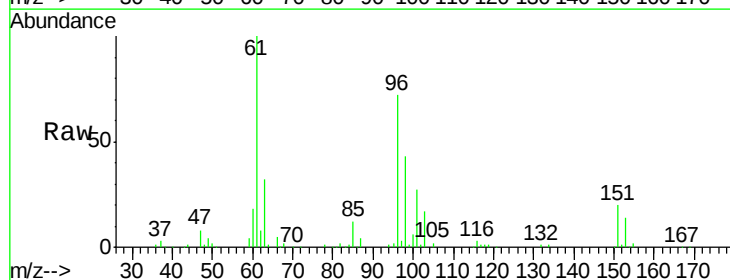
MMDadoda
 6/1/2019 4:27:12 AM

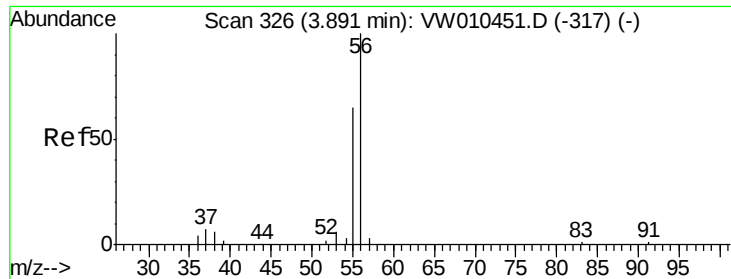


#12

1,1-Dichloroethene
 Concen: 53.882 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.1	118.3	177.5
98	60.3	51.0	76.6





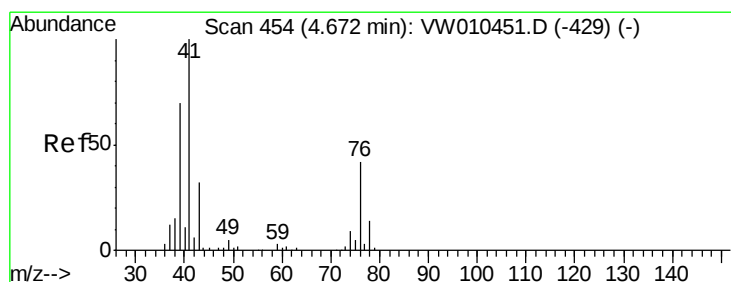
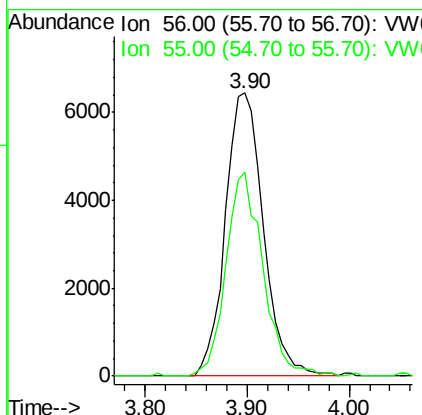
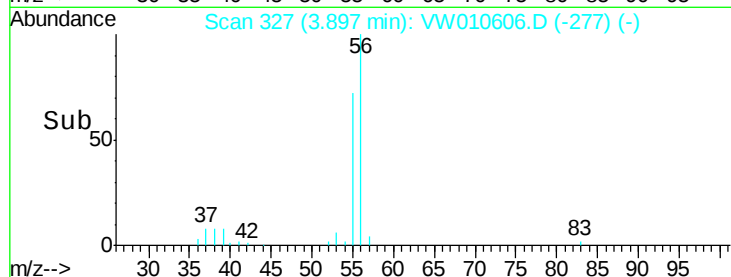
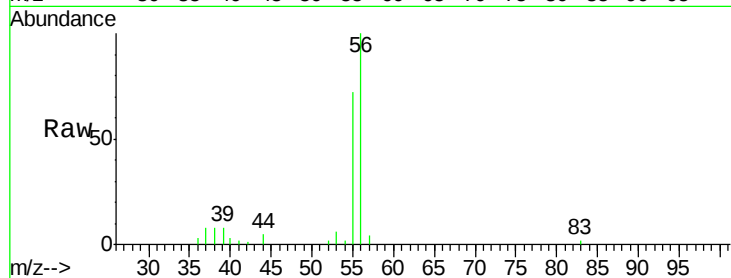
#13
Acrolein
Concen: 230.993 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	55	Ratio	100	Resp	16663	Lower	Upper
56	100							
55	69.8				57.9		86.9	

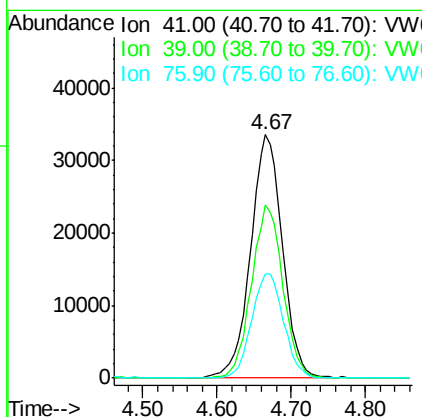
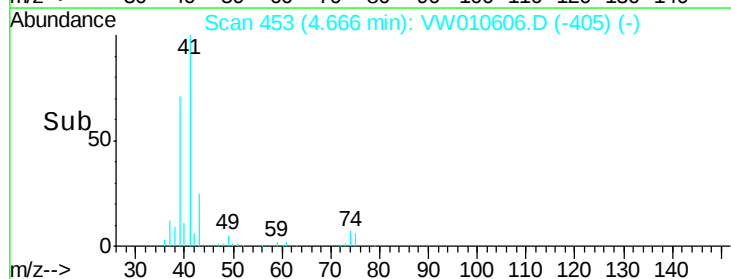
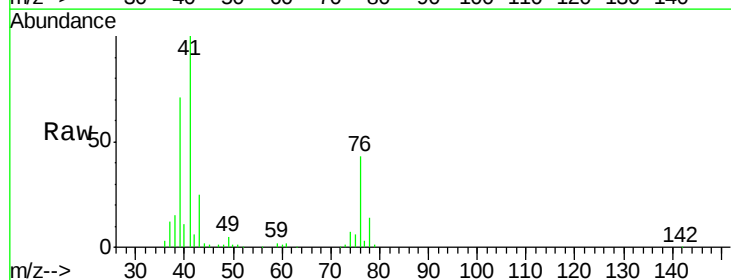
Manual Integrations
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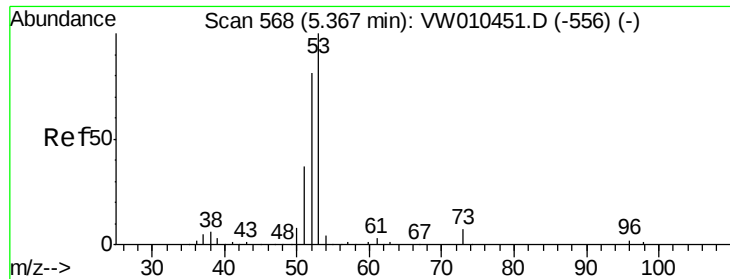
MMDadoda
6/1/2019 4:27:12 AM



#14
Allyl chloride
Concen: 49.711 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	41	39	76	Ratio	100	Resp	100608	Lower	Upper
41	100								
39	70.3				55.0		82.4		
76	42.7				32.8		49.2		





#15

Acrylonitrile

Concen: 206.803 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

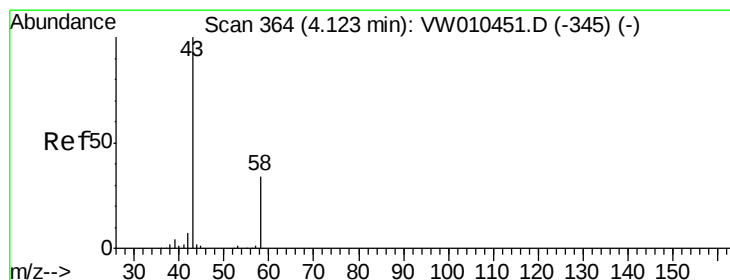
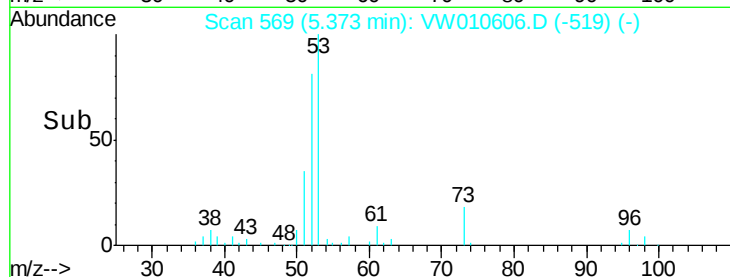
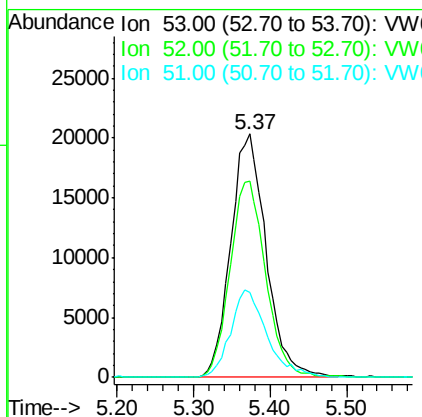
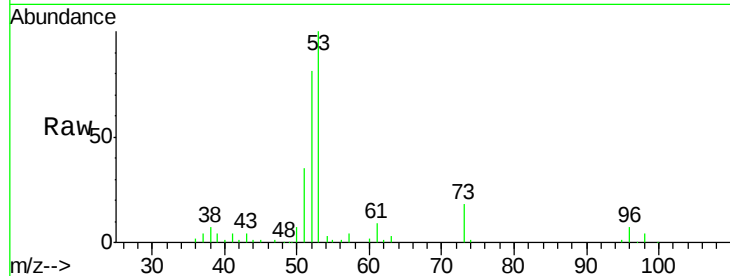
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	65297
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.6	98.4
51	36.8	29.5	44.3

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 255.478 ug/l

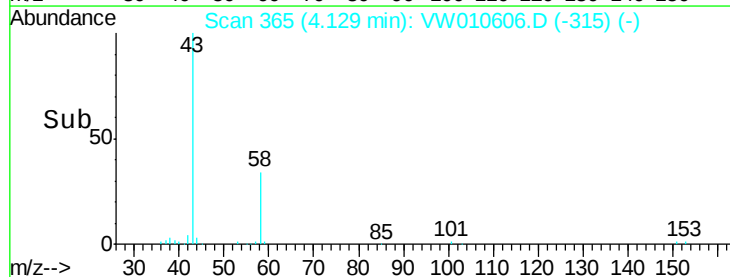
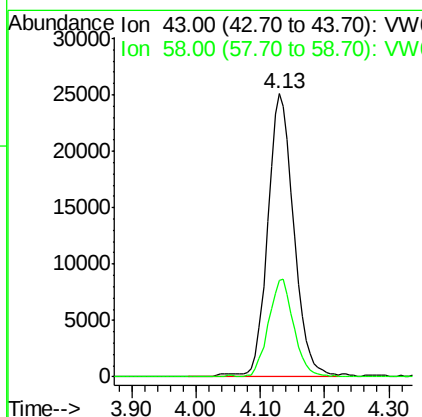
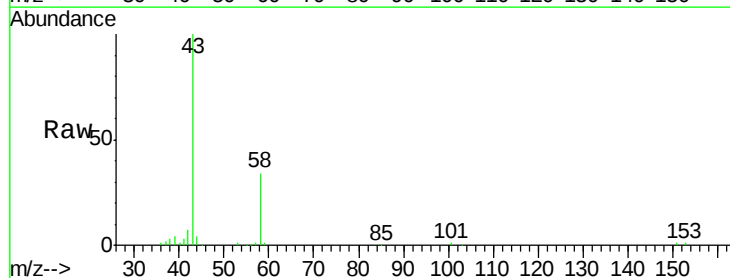
RT: 4.13 min Scan# 365

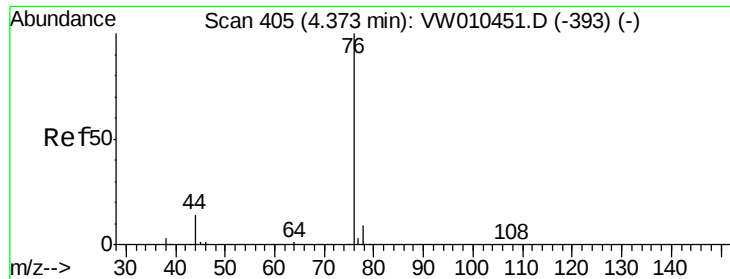
Delta R.T. 0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Tgt Ion:	43	Resp:	71250
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.0	40.4





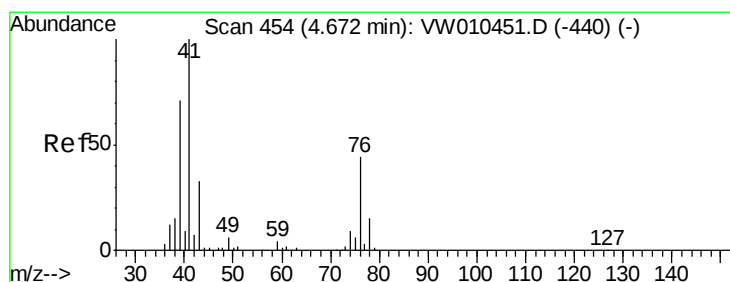
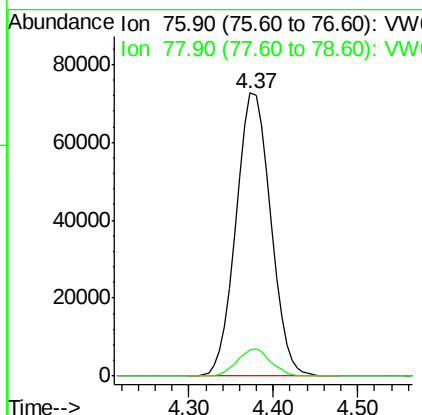
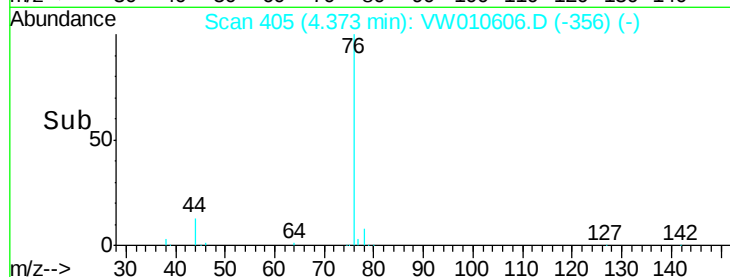
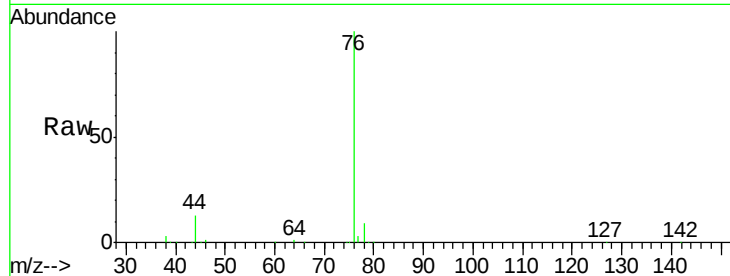
#17
Carbon Disulfide
Concen: 48.660 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

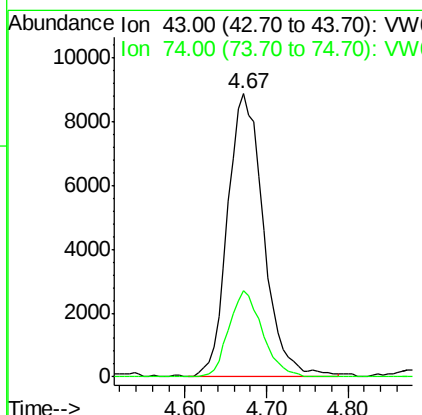
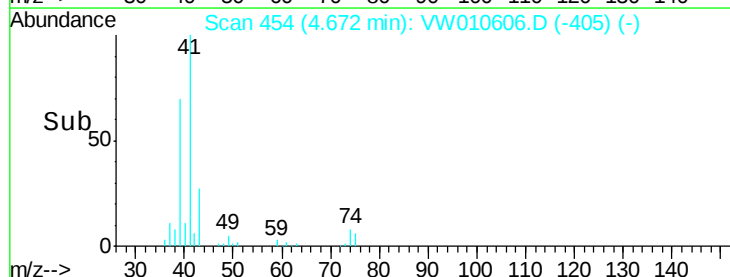
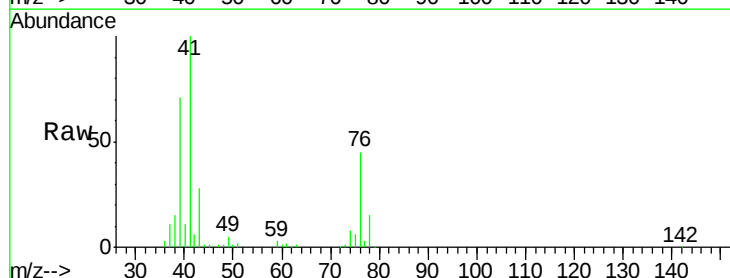
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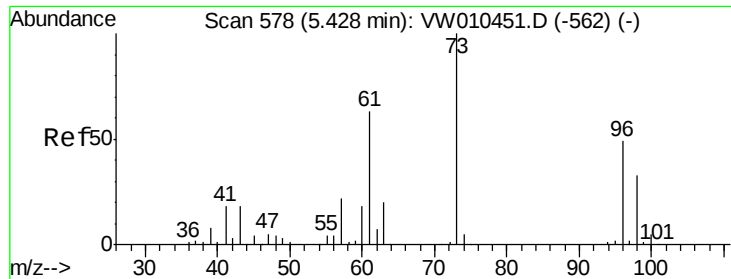
MMDadoda
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#18
Methyl Acetate
Concen: 39.693 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.2	21.6	32.4





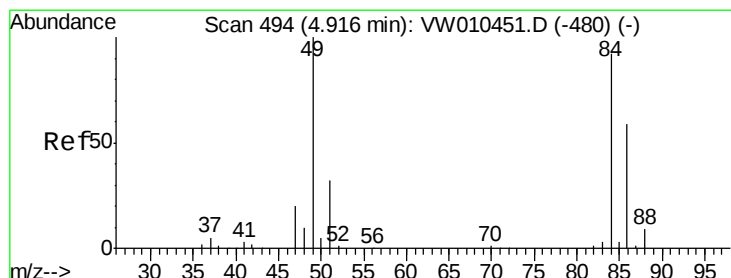
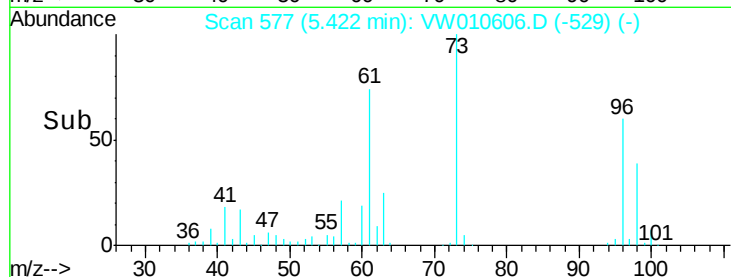
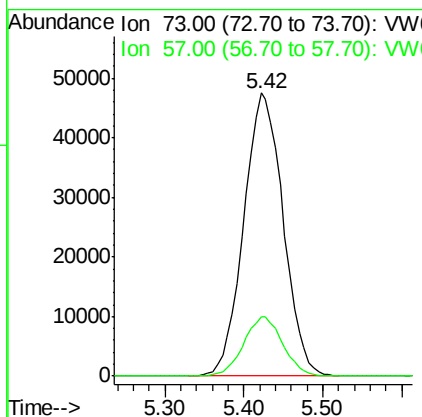
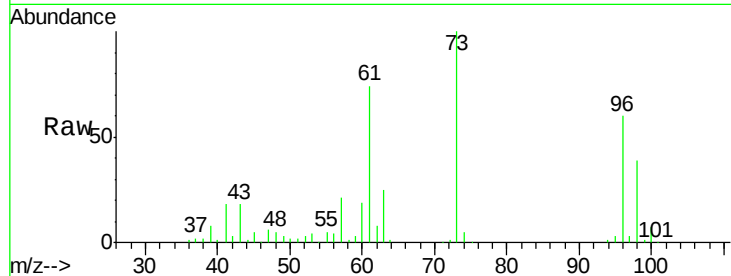
#19
Methvl tert-butvl Ether
Concen: 46.268 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 164916
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0

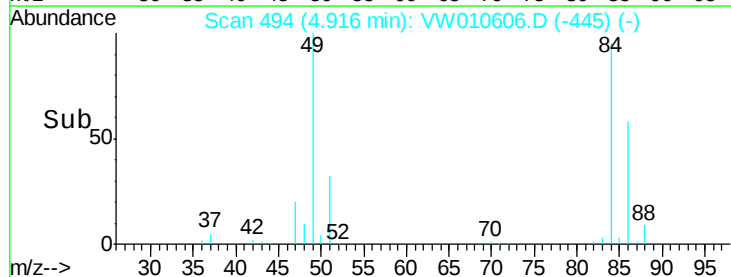
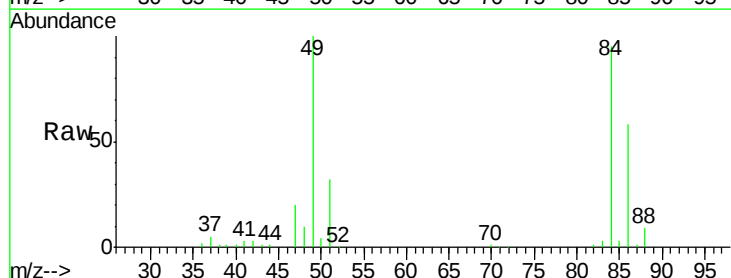
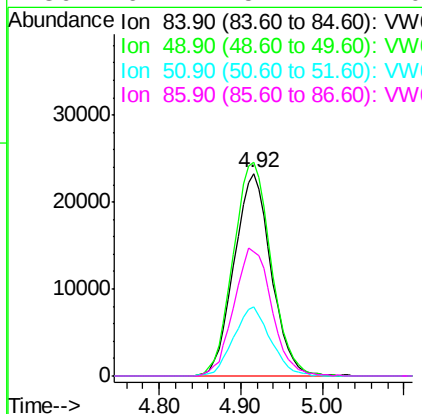
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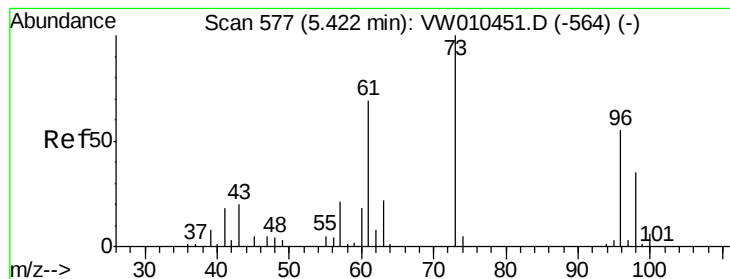
MMDadoda
6/1/2019 4:27:12 AM



#20
Methylene Chloride
Concen: 44.129 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 84 Resp: 73187
Ion Ratio Lower Upper
84 100
49 105.4 87.2 130.8
51 33.9 27.7 41.5
86 61.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 53.668 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 86070

Ion Ratio Lower Upper

96 100

61 123.0 101.4 152.0

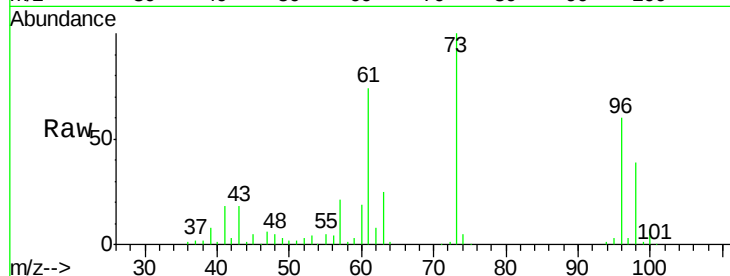
98 64.7 50.6 76.0

Manual Integrations

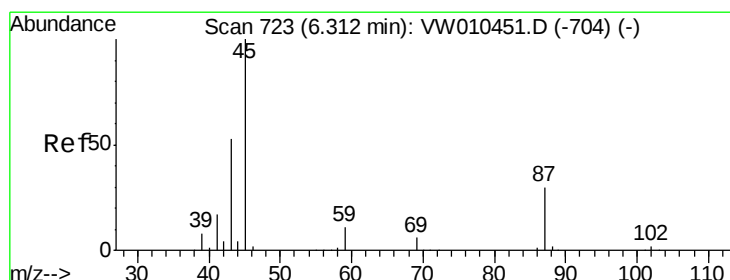
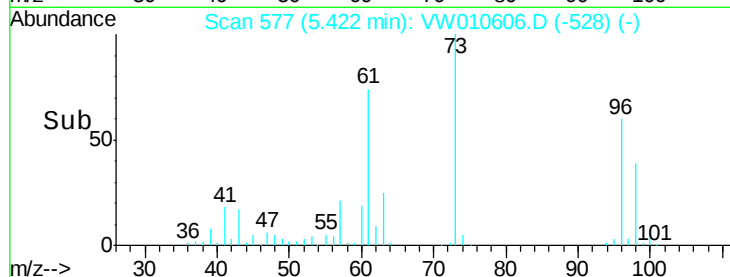
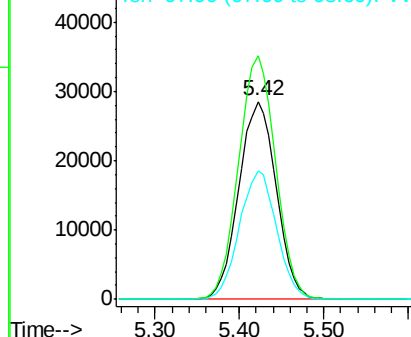
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 49.121 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Tgt Ion: 45 Resp: 203846

Ion Ratio Lower Upper

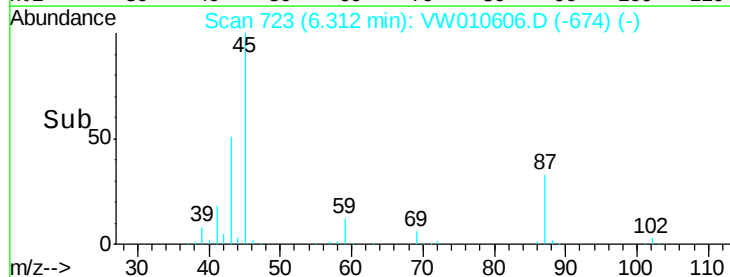
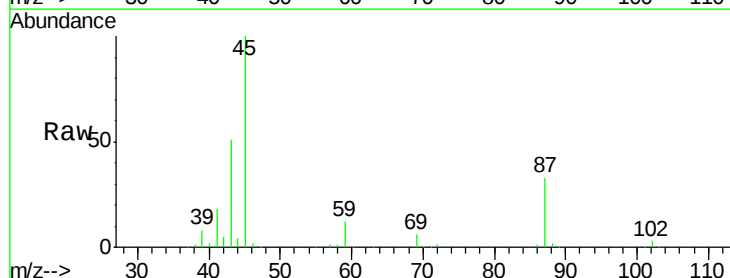
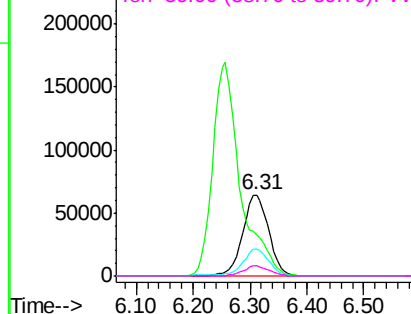
45 100

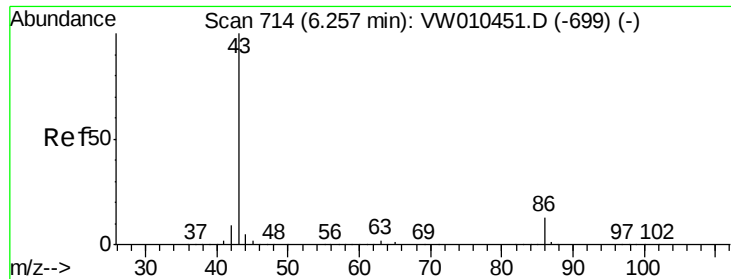
43 50.8 42.9 64.3

87 33.3 24.6 36.8

59 12.1 9.4 14.0

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 229.479 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 568850

Ion Ratio Lower Upper

43 100

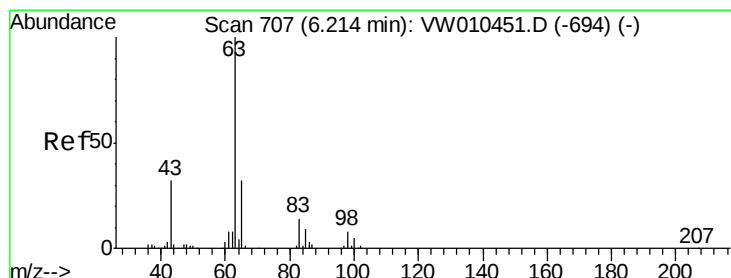
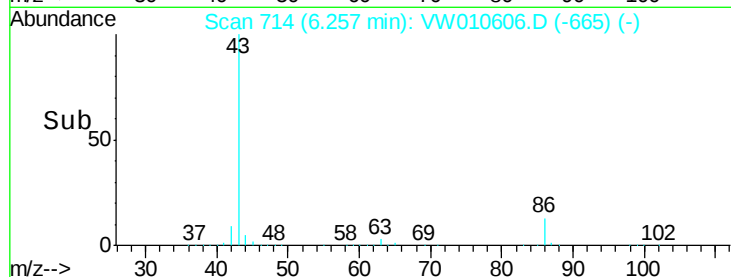
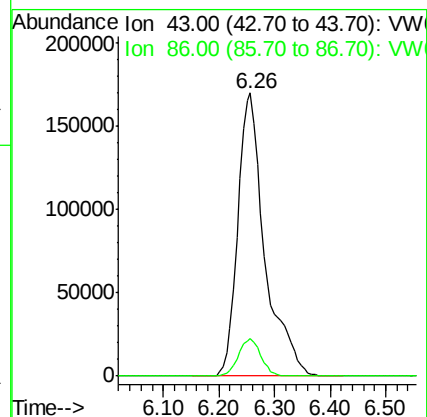
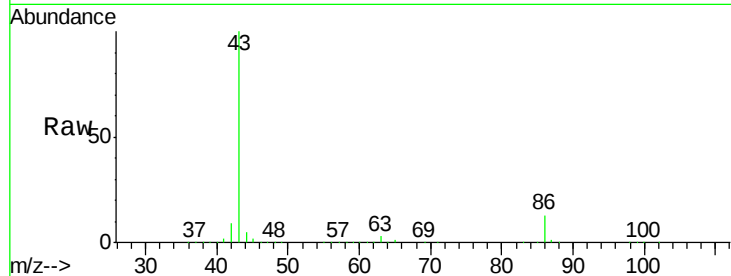
86 13.4 10.3 15.5

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#24

1,1-Dichloroethane

Concen: 52.872 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

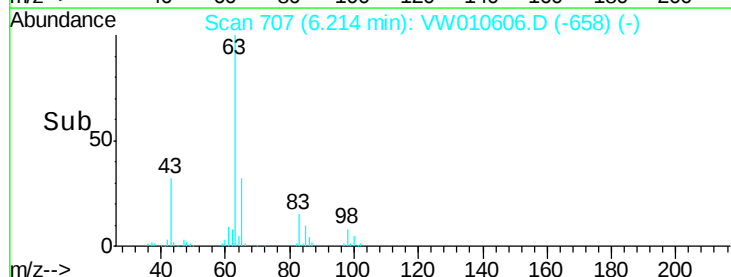
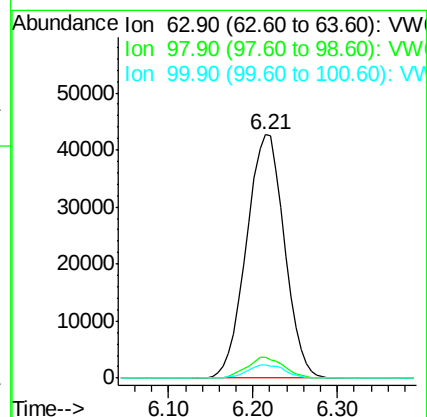
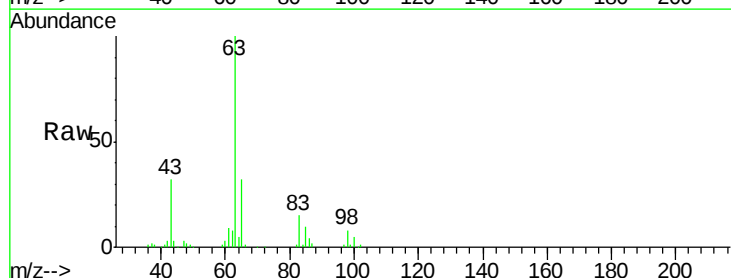
Tgt Ion: 63 Resp: 130935

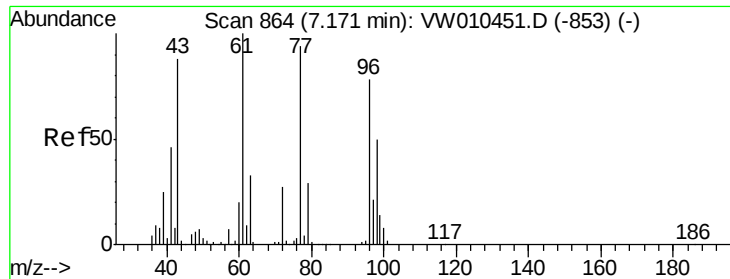
Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.2

100 5.2 2.5 7.4





#25

2-Butanone

Concen: 226.939 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 90575

Ion Ratio Lower Upper

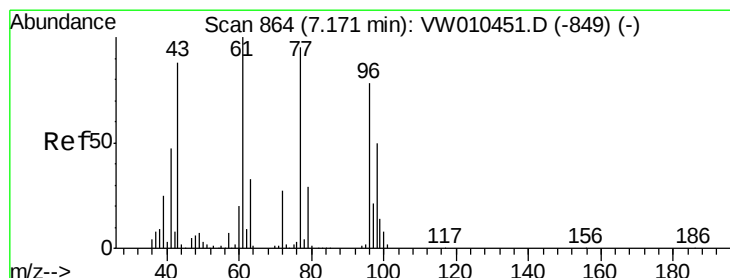
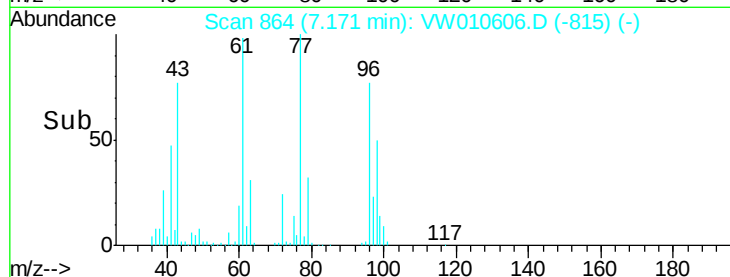
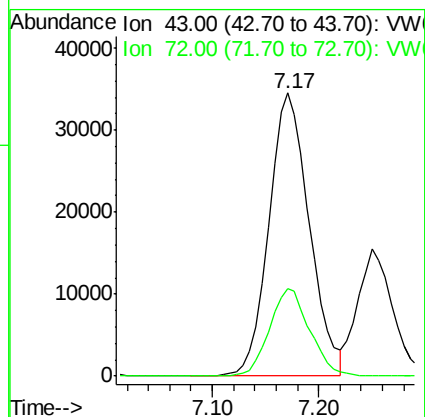
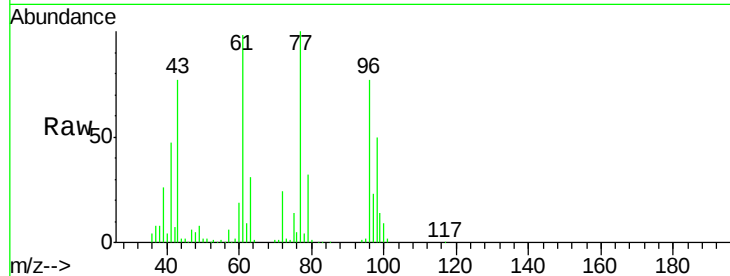
43 100

72 30.8 24.1 36.1

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 56.173 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010606.D

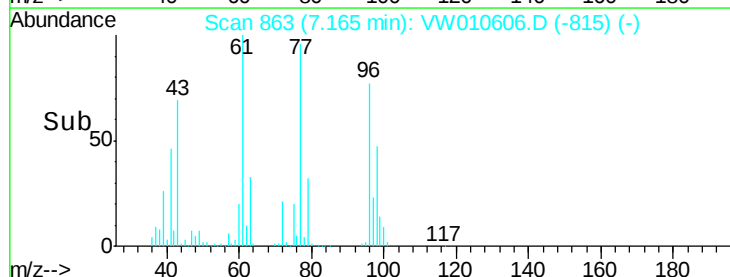
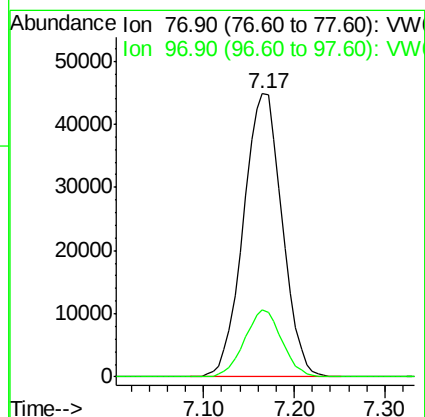
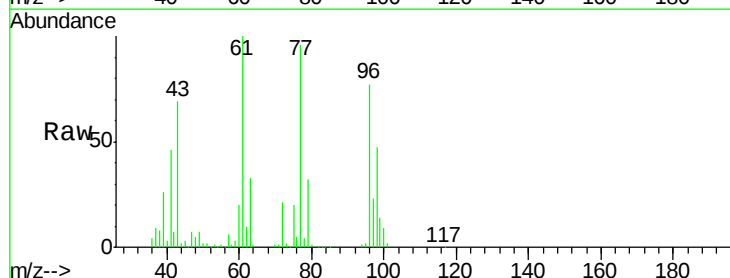
Acq: 30 May 2019 10:43

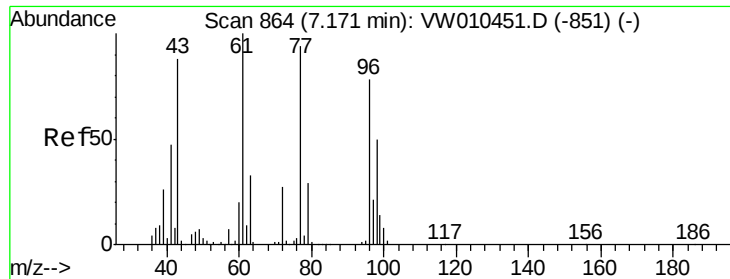
Tgt Ion: 77 Resp: 132509

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

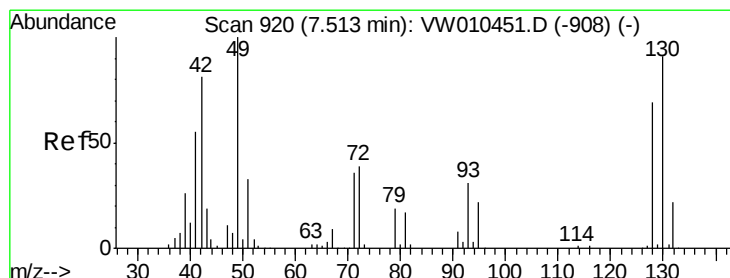
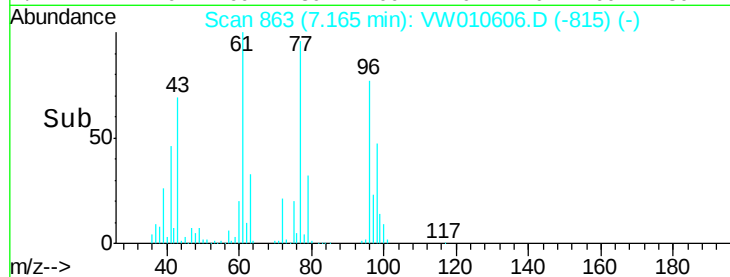
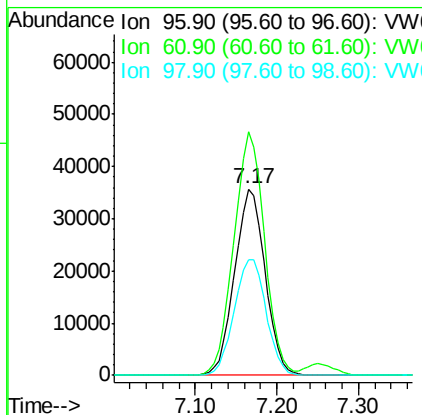
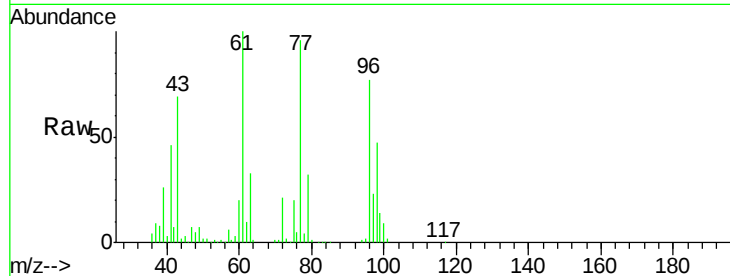
cis-1,2-Dichloroethene
 Concen: 52.984 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	265.4
98	65.0	0.0	129.4

Manual Integrations
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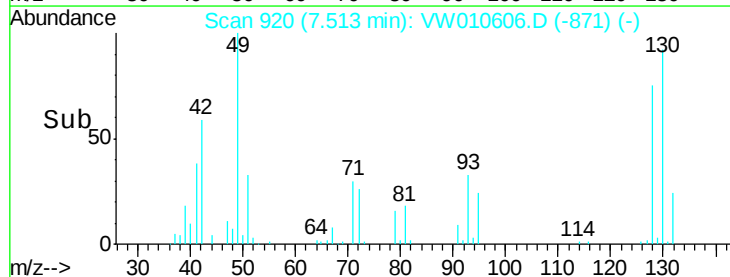
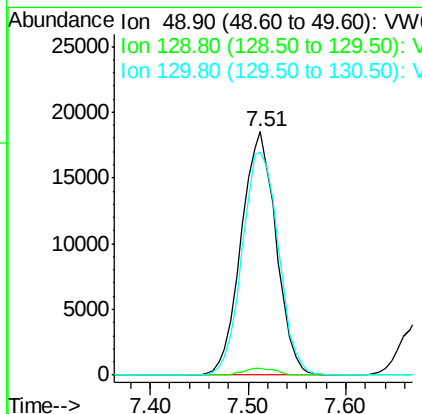
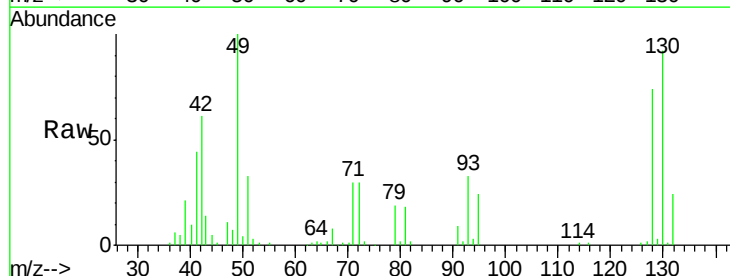
MMDadoda
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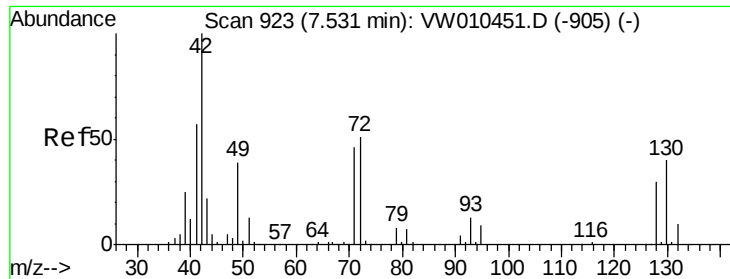


#28

Bromochloromethane
 Concen: 51.874 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	95.5	71.2	106.8





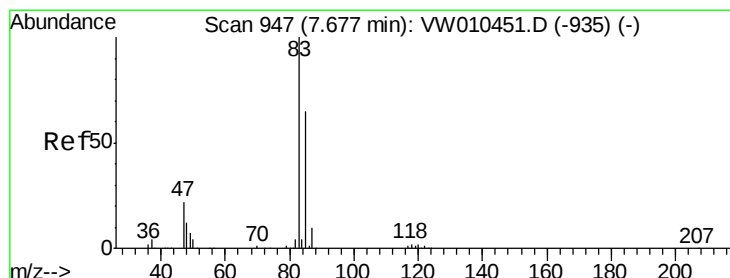
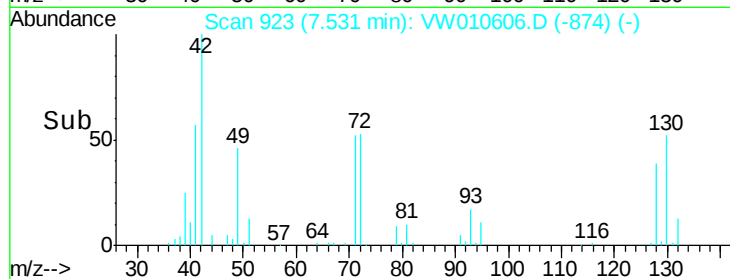
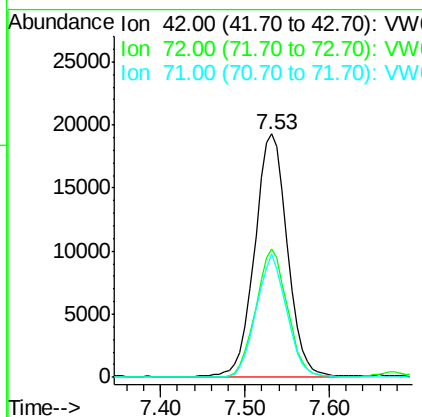
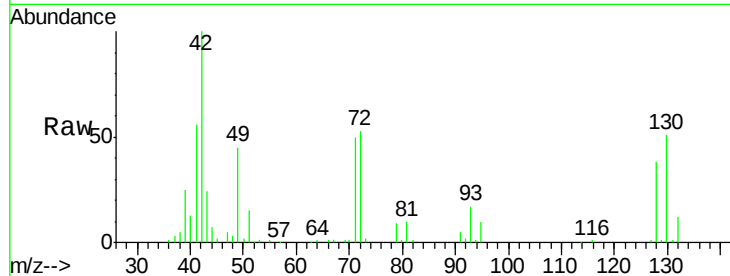
#29
Tetrahydrofuran
Concen: 190.020 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.0	38.5	57.7
71	47.1	36.5	54.7

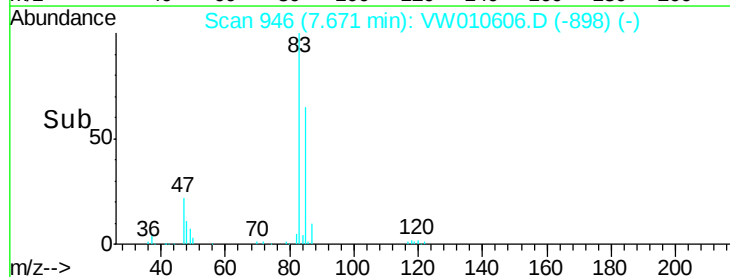
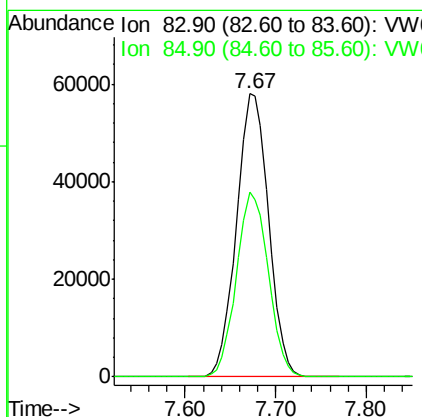
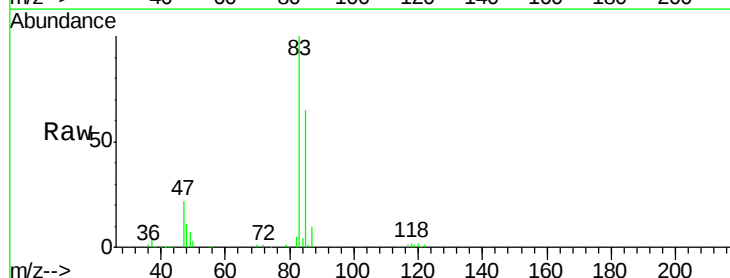
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APPROVED

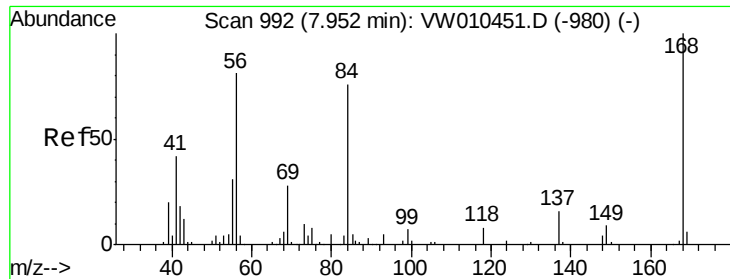
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#30
Chloroform
Concen: 53.285 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.2	78.4





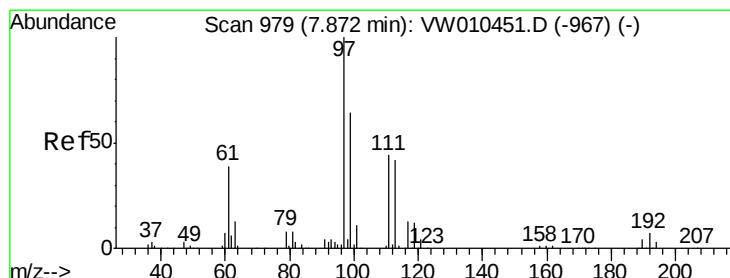
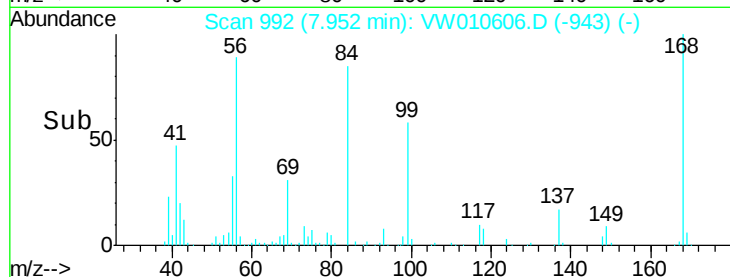
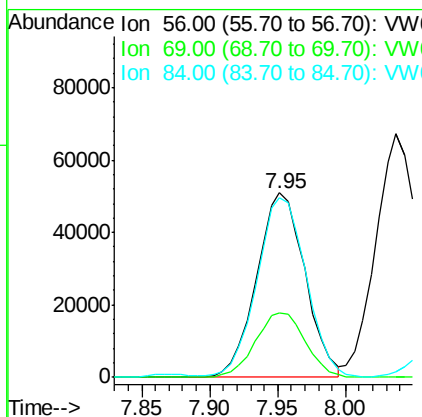
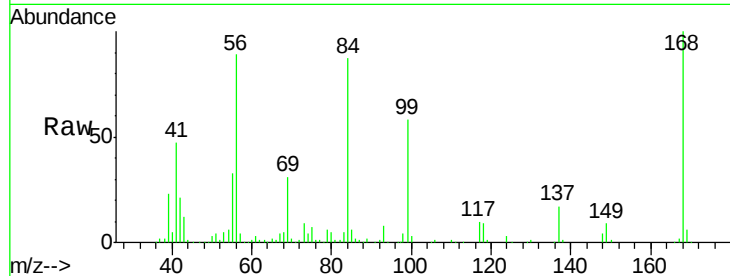
#31
Cyclohexane
Concen: 48.835 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	28.2	42.2
84	96.5	75.8	113.8

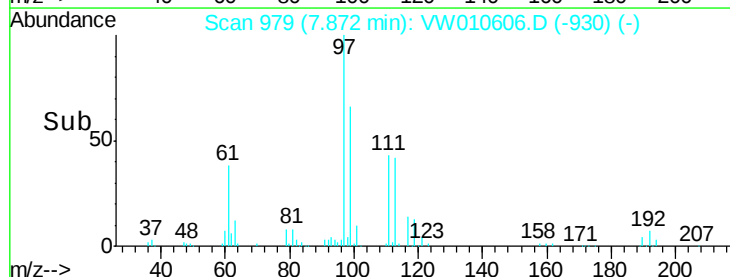
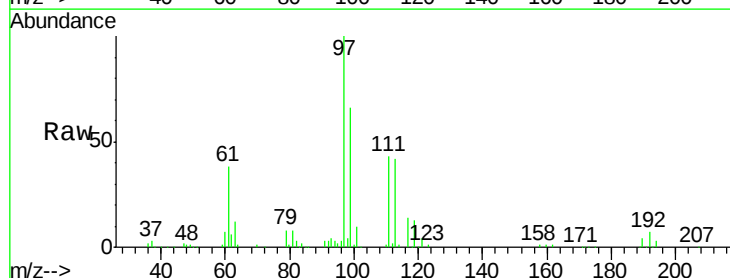
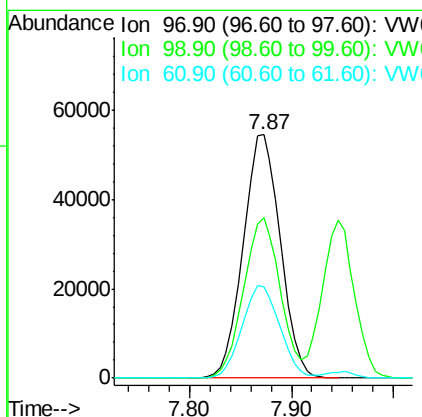
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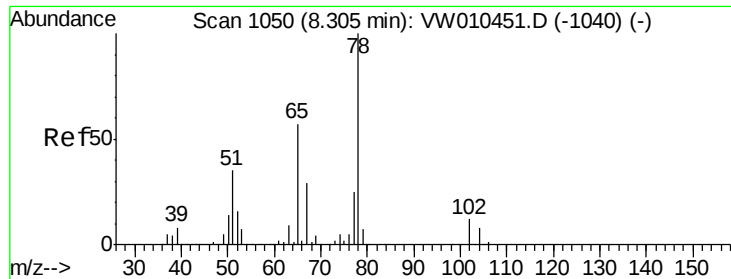
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#32
1,1,1-Trichloroethane
Concen: 54.163 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.8	76.2
61	38.6	32.1	48.1





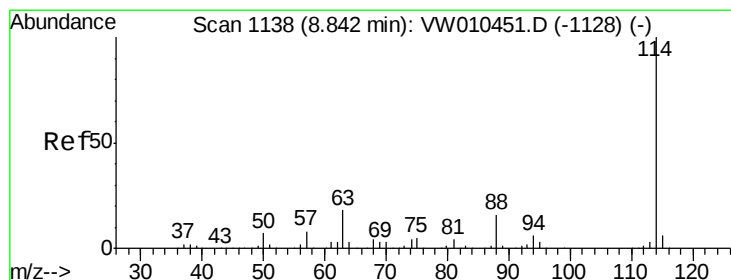
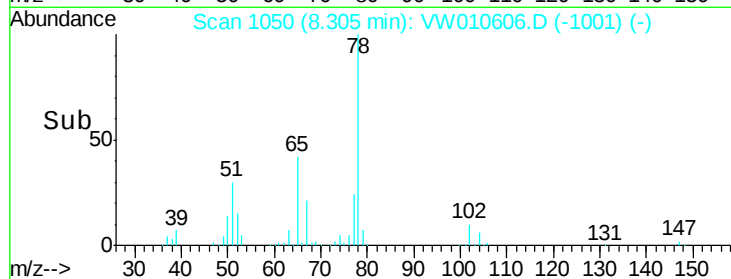
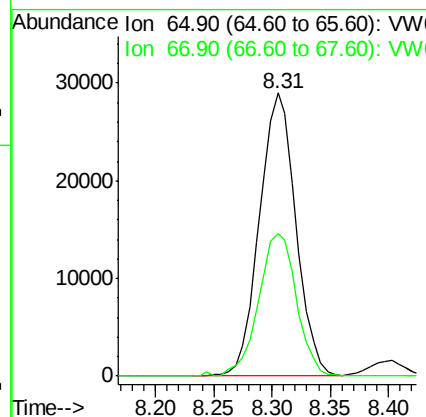
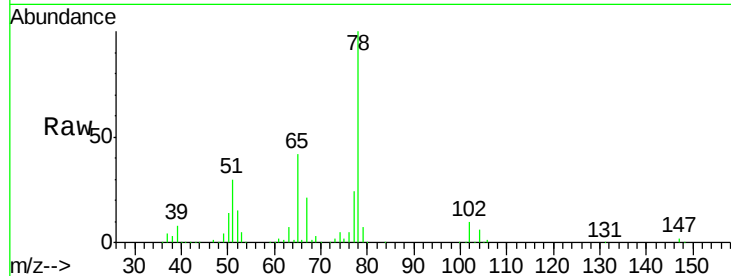
#33
 1,2-Dichloroethane-d4
 Concen: 46.274 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.6

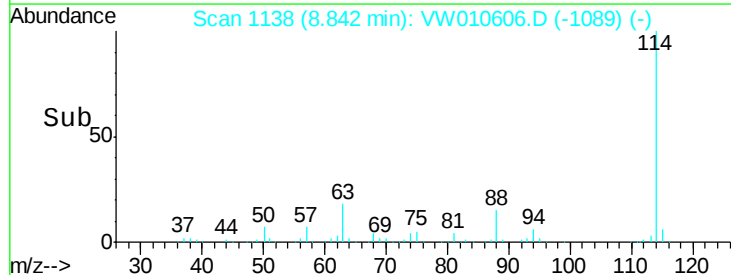
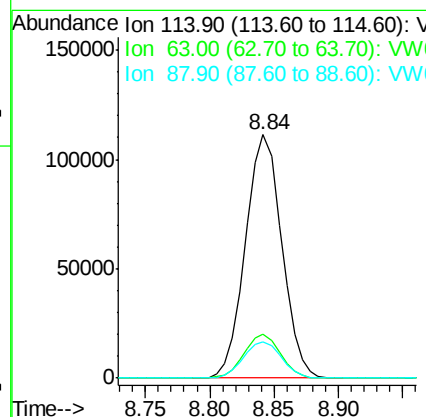
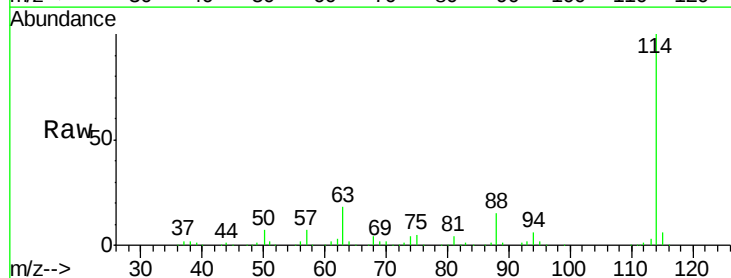
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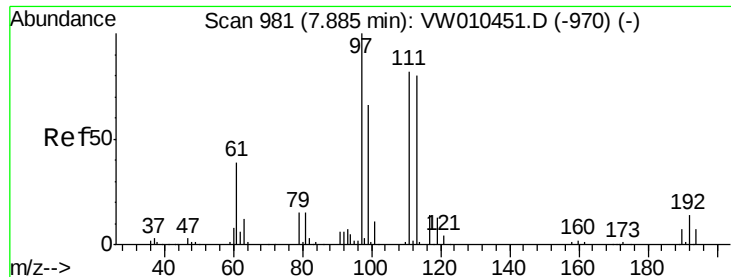
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.0
88	15.1	0.0	32.0





#35

Dibromofluoromethane

Concen: 51.960 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

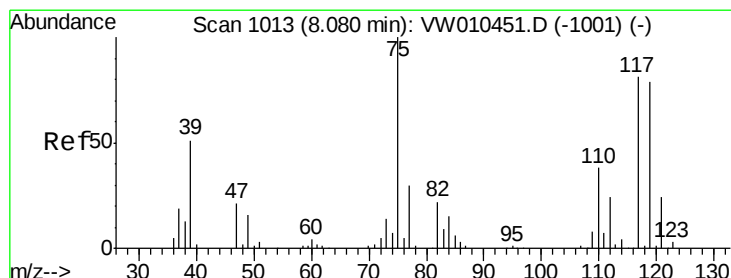
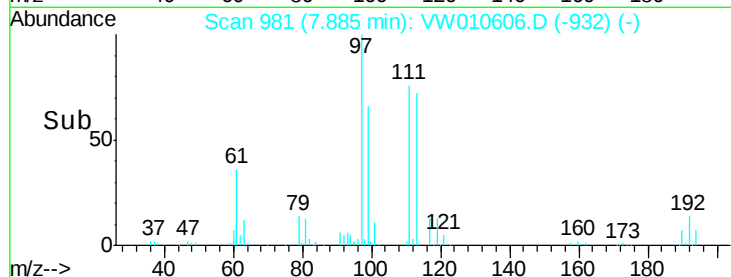
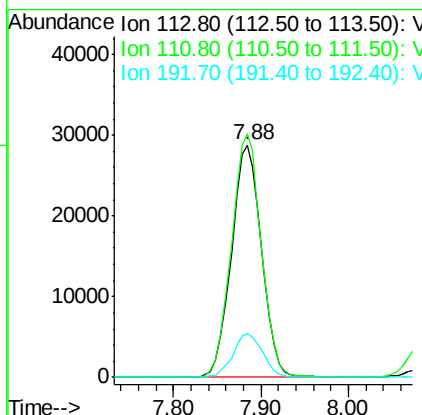
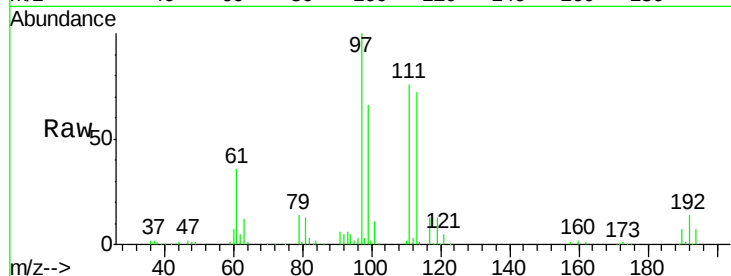
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	68522
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	18.6	14.3	21.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 56.143 ug/l

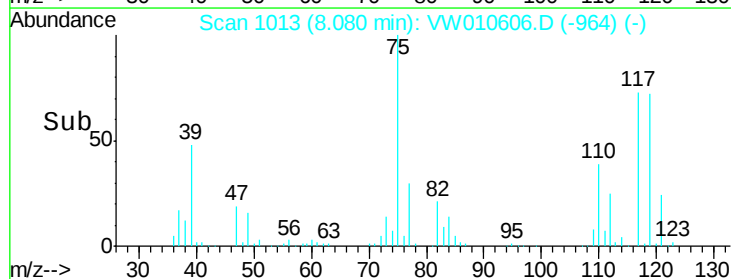
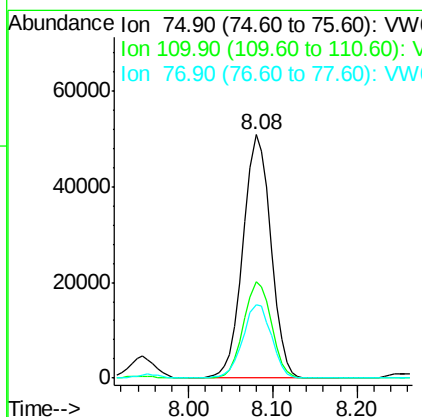
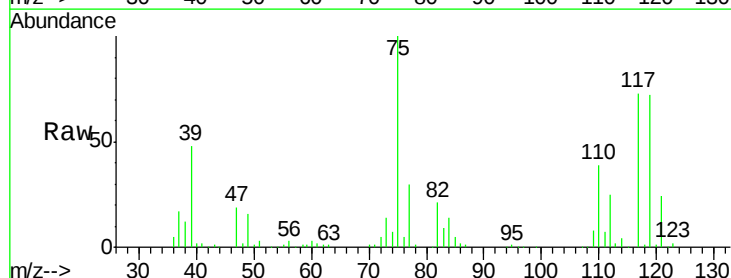
RT: 8.08 min Scan# 1013

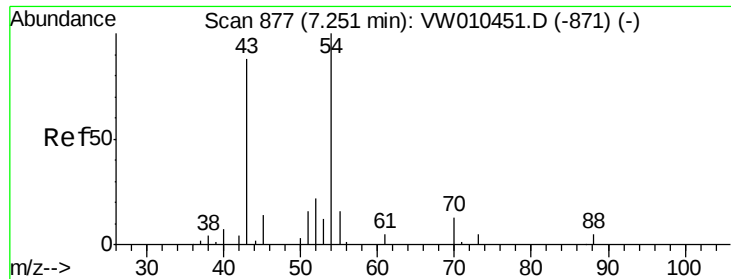
Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Tgt Ion:	75	Resp:	113667
Ion	Ratio	Lower	Upper
75	100		
110	39.4	19.2	57.6
77	31.0	25.2	37.8





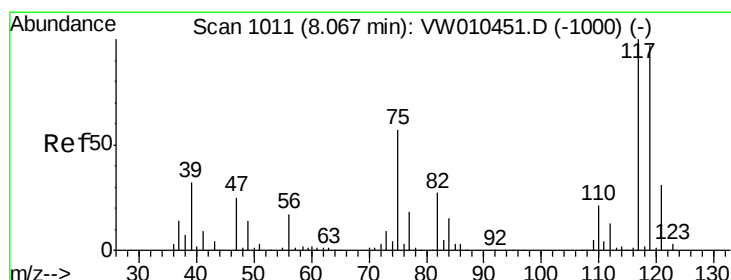
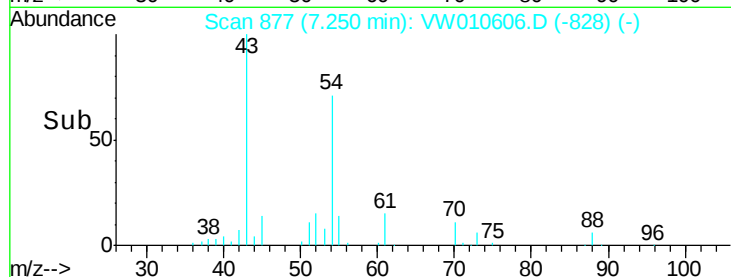
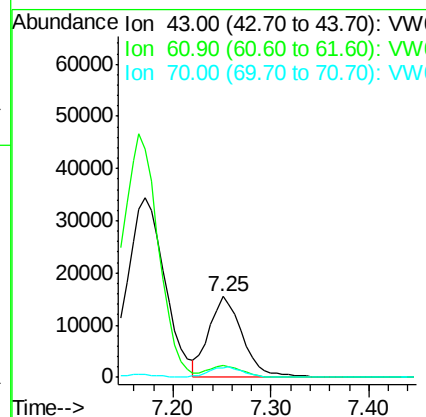
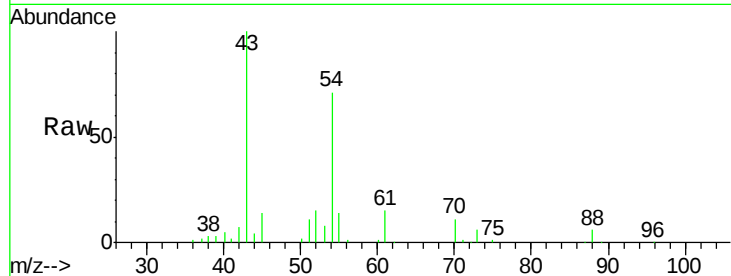
#37
Ethyl Acetate
Concen: 42.302 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.2	16.8
70	13.1	9.9	14.9

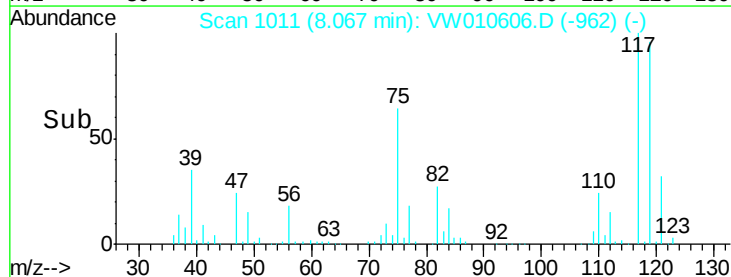
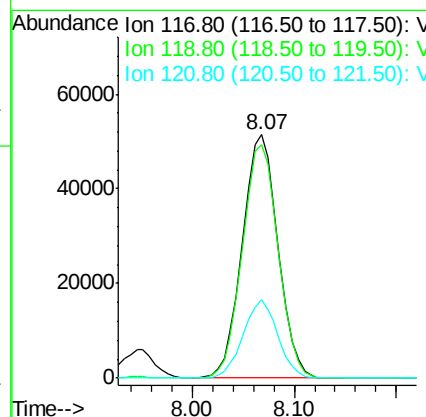
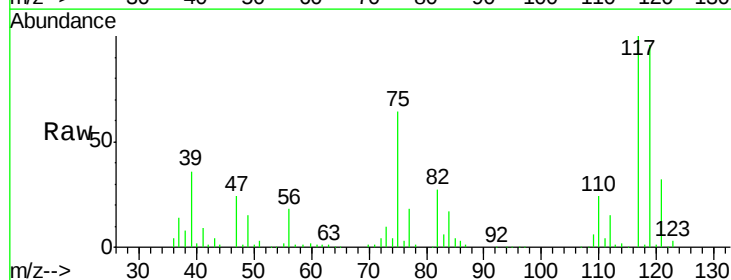
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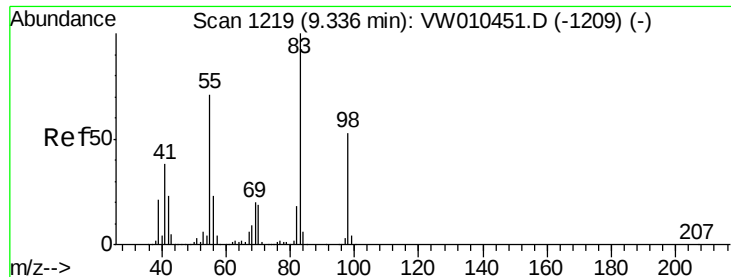
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#38
Carbon Tetrachloride
Concen: 57.148 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
121	32.0	25.0	37.6





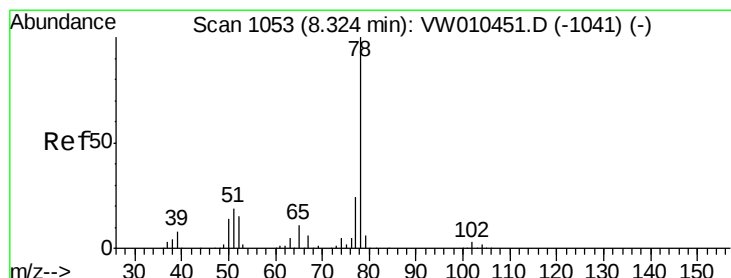
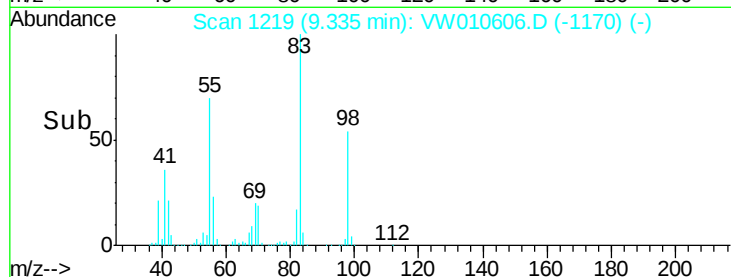
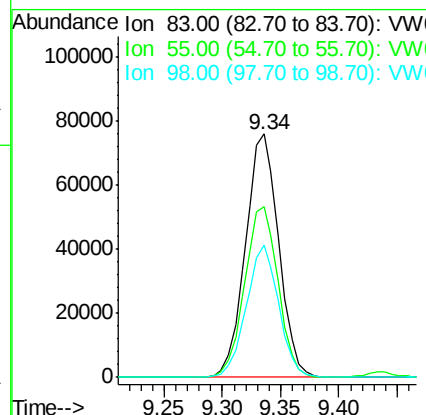
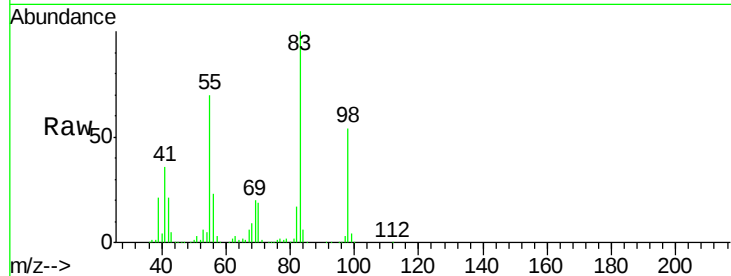
#39
Methvlcvclohexane
Concen: 55.652 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	69.9	57.0	85.6	
98	54.1	42.0	63.0	

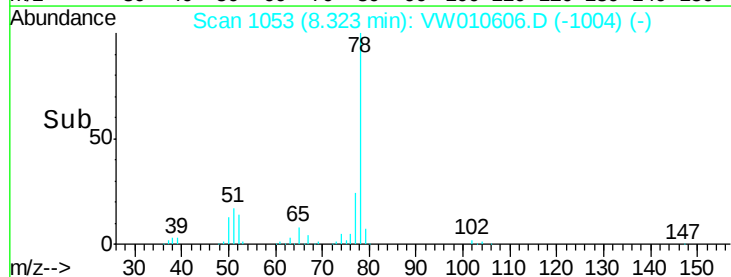
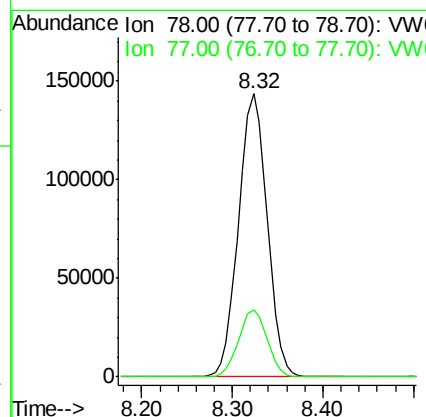
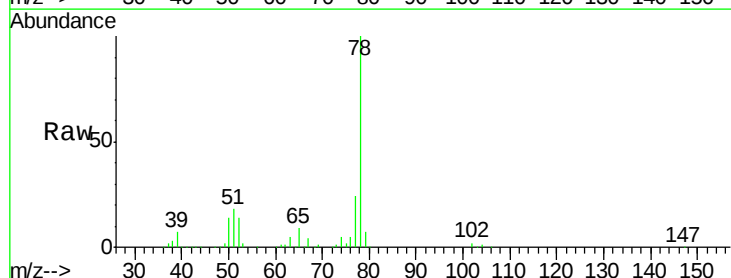
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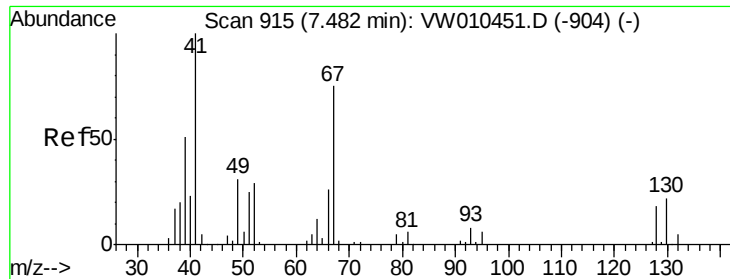
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#40
Benzene
Concen: 56.054 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	18.9	28.3	





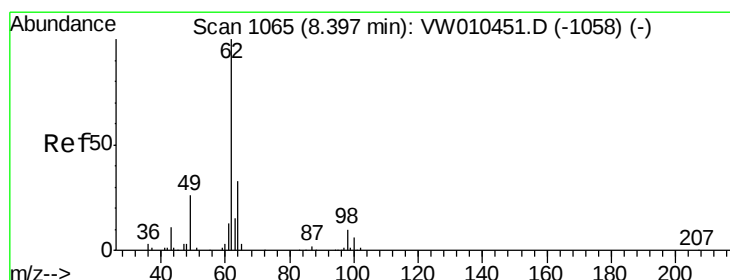
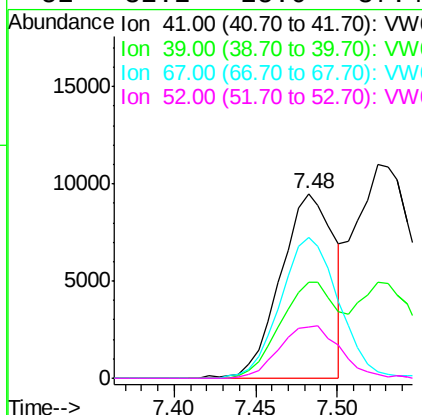
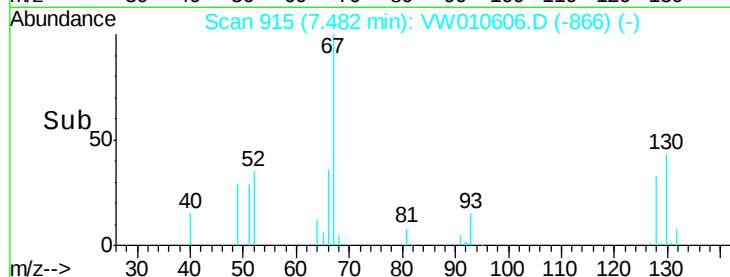
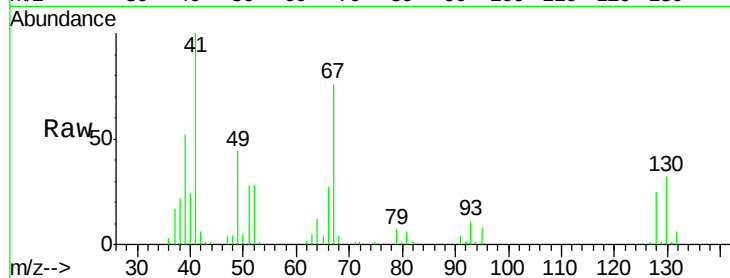
#41
Methacrylonitrile
Concen: 42.298 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.2	47.4	71.2
67	83.1	65.5	98.3
52	32.2	25.0	37.4

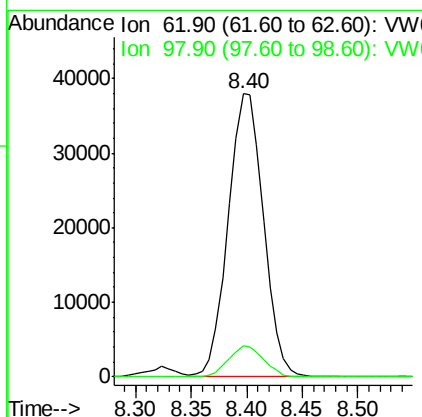
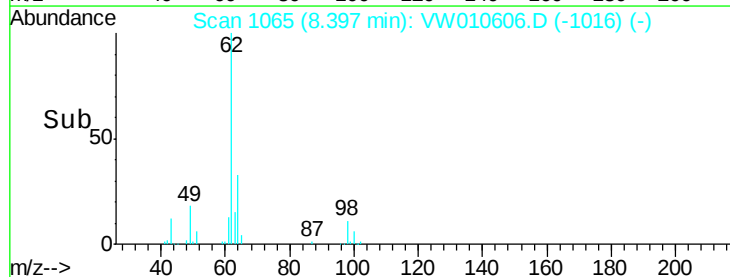
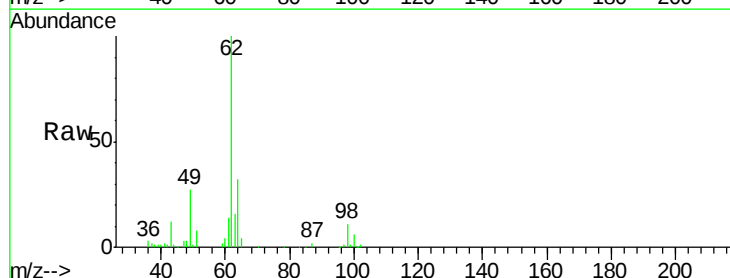
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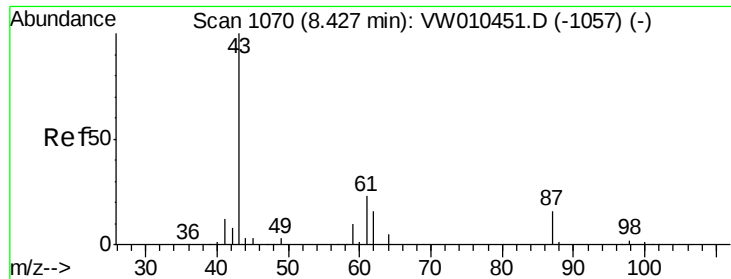
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#42
1,2-Dichloroethane
Concen: 51.873 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0





#43

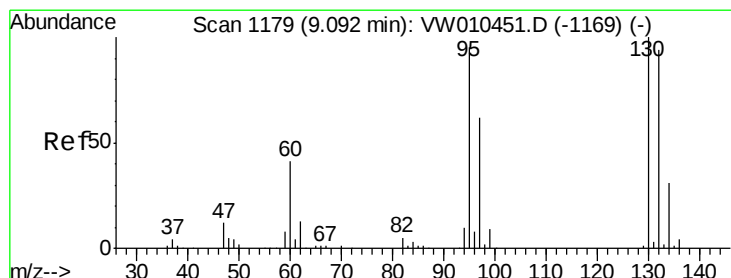
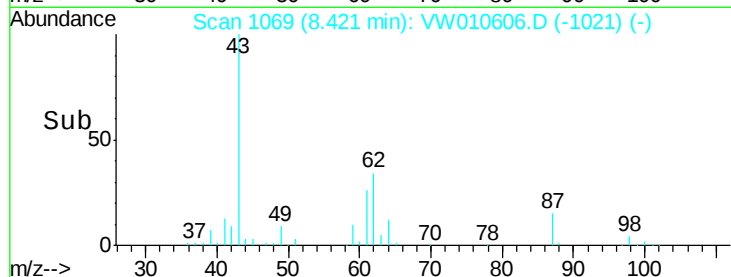
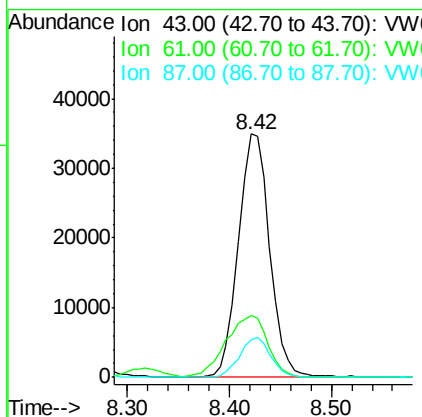
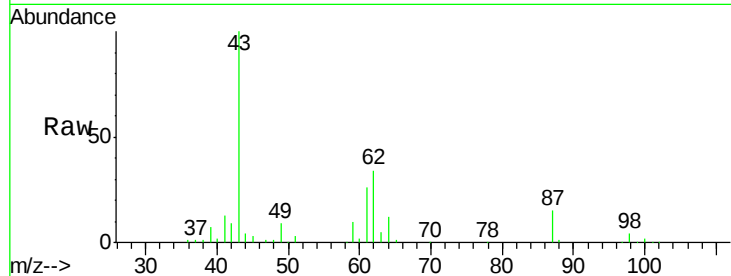
Isopropyl Acetate
 Concen: 43.248 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.1	25.4	38.2
87	16.2	12.7	19.1

Manual Integrations
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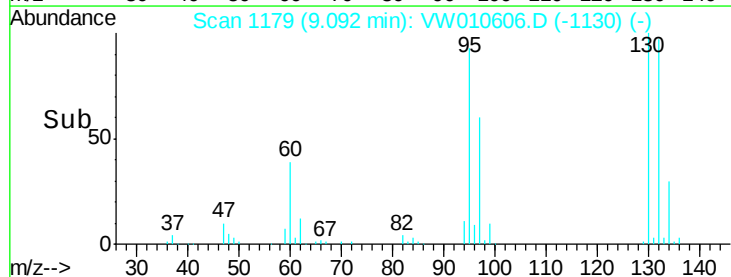
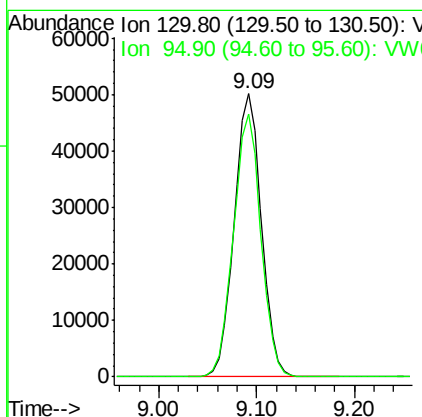
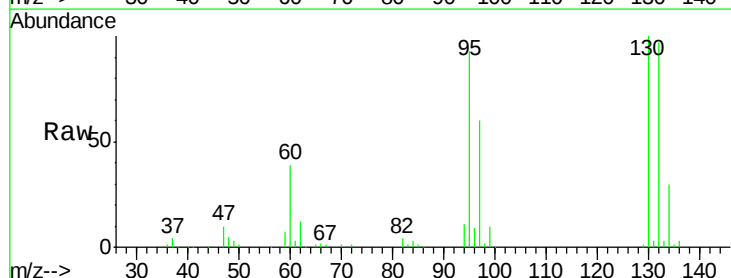
MMDadoda
 6/1/2019 4:27:12 AM

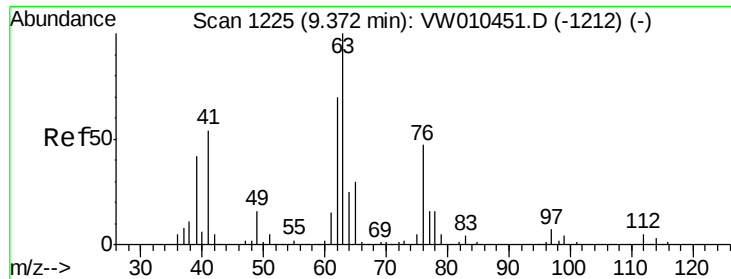


#44

Trichloroethene
 Concen: 57.863 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	189.6





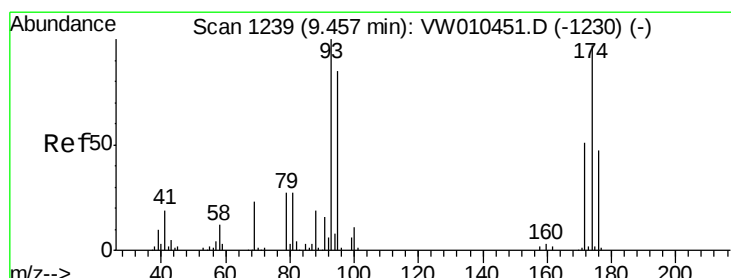
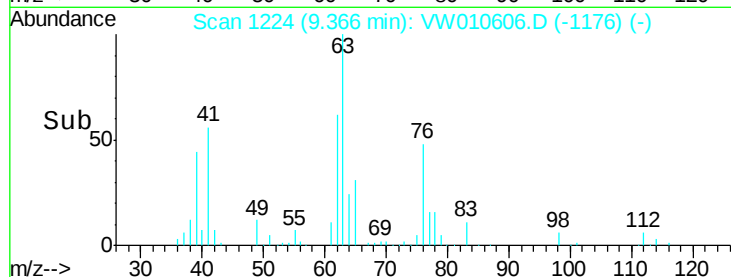
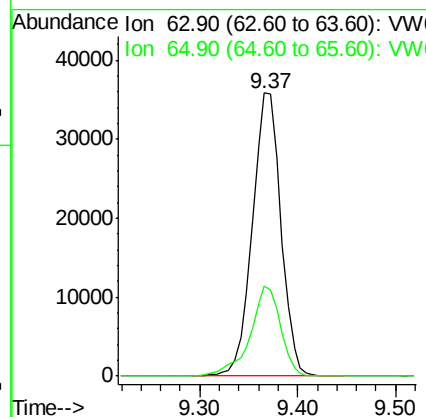
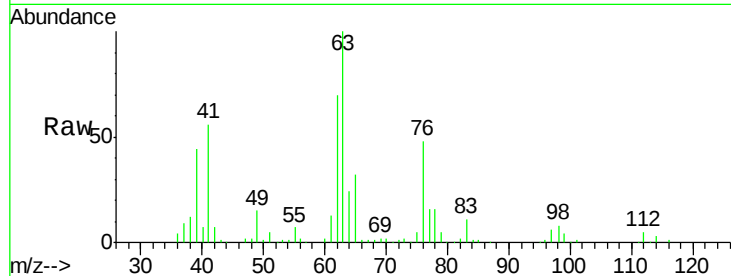
#45
 1,2-Dichloropropane
 Concen: 54.183 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.3	36.5

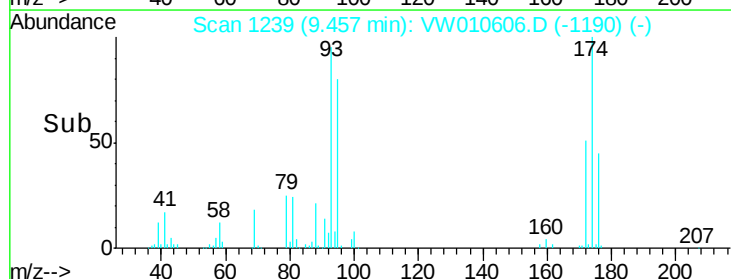
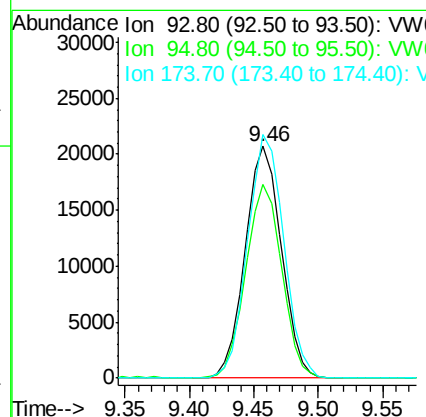
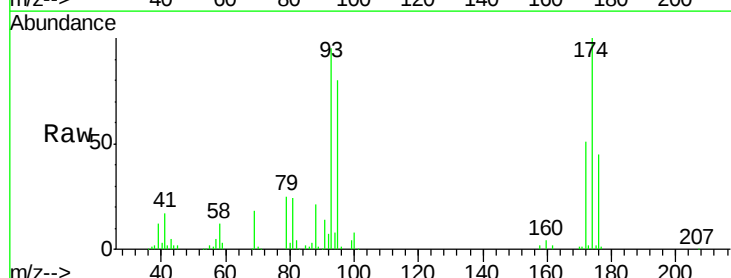
Manual Integrations
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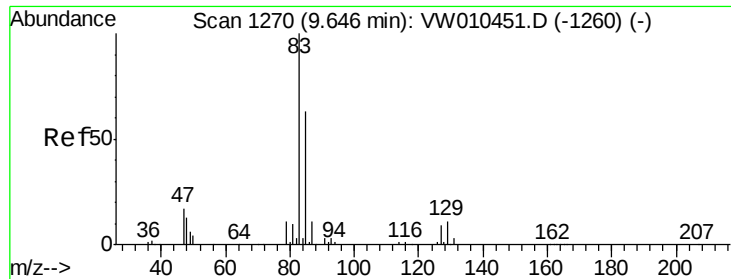
MMDadoda
 6/1/2019 4:27:12 AM



#46
 Dibromomethane
 Concen: 51.670 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.1	99.1
174	104.5	77.1	115.7





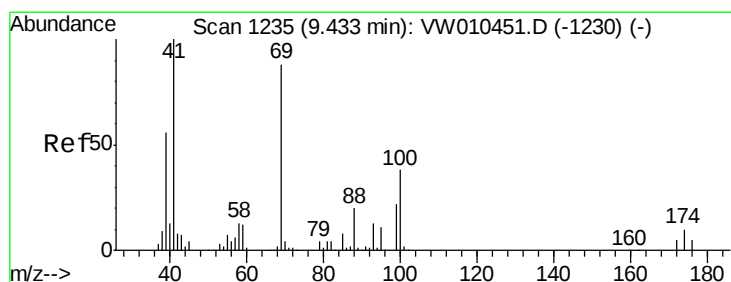
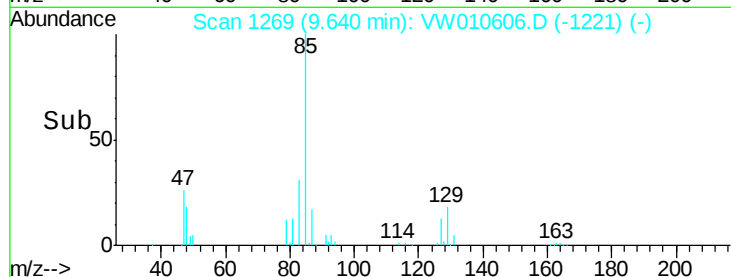
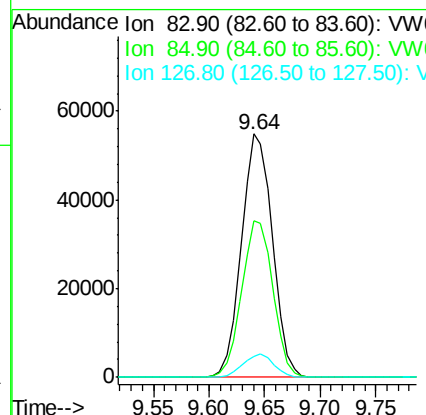
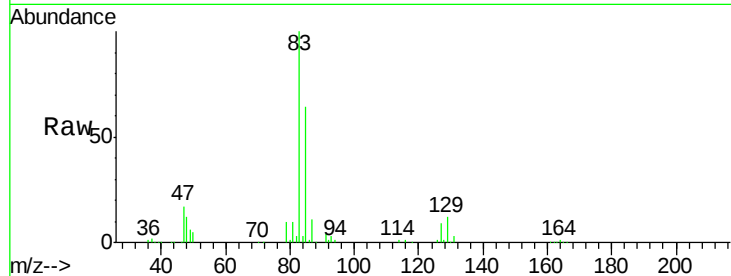
#47
Bromodichloromethane
Concen: 53.822 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.5	50.4	75.6	
127	8.6	7.4	11.0	

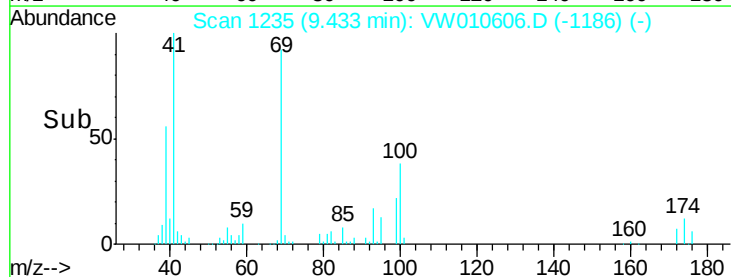
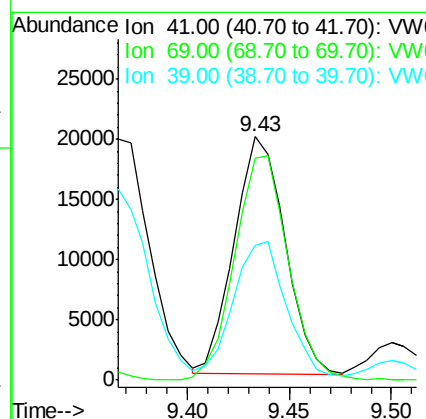
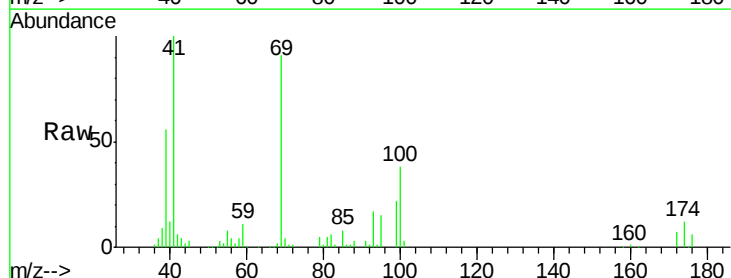
Manual Integrations
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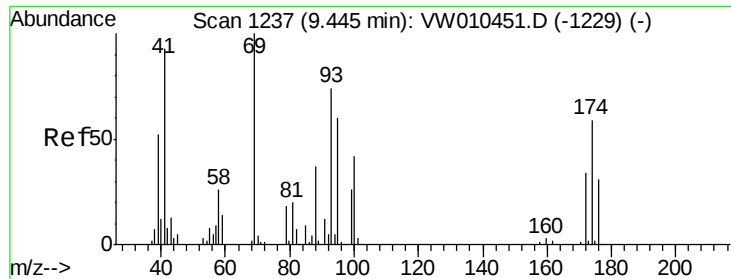
MMDadoda
6/1/2019 4:27:12 AM



#48
Methyl methacrylate
Concen: 43.230 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	100.3	77.6	116.4	
39	58.5	49.8	74.8	





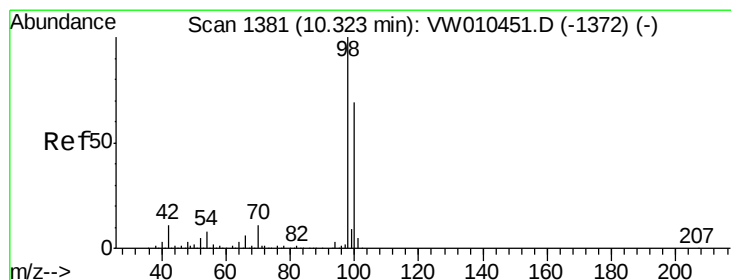
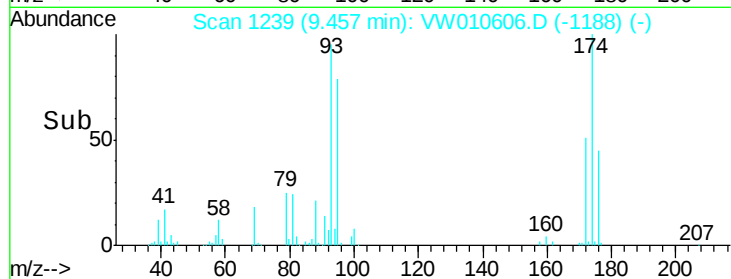
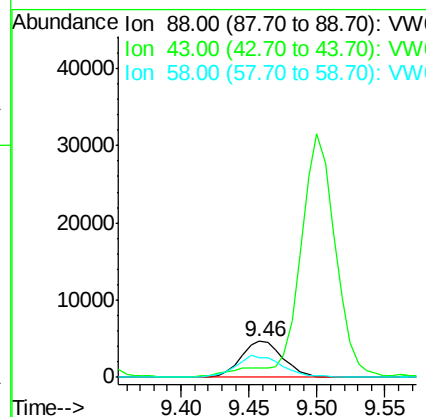
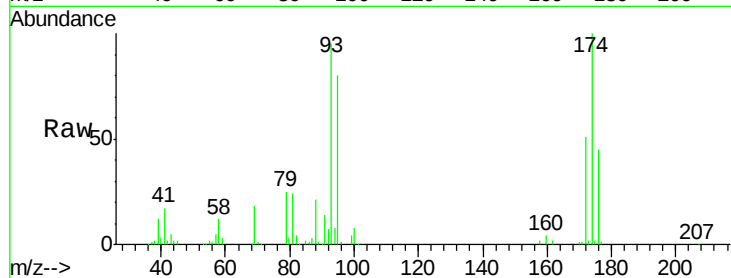
#49
1,4-Dioxane
Concen: 789.568 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.9	38.9#
58	67.2	52.7	79.1

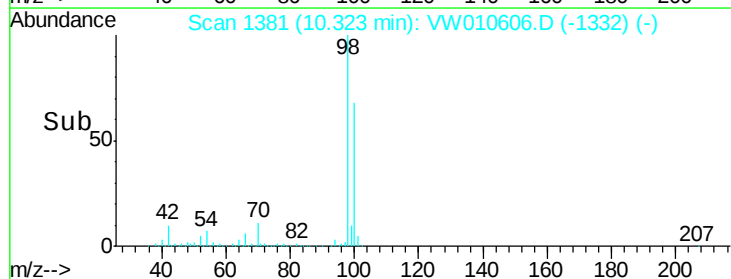
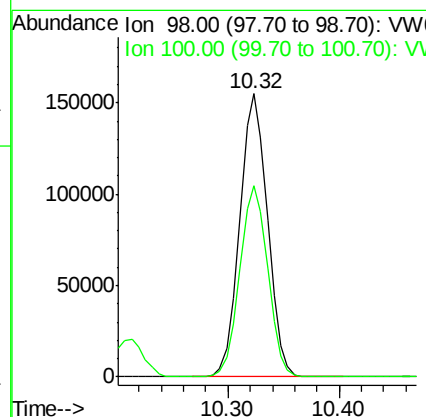
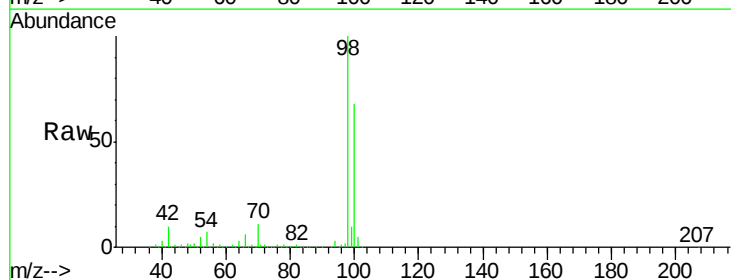
Manual Integrations
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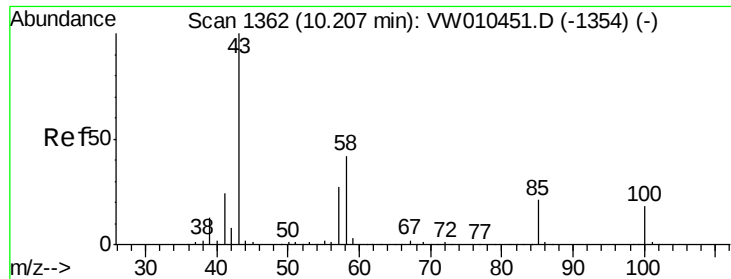
MMDadoda
6/1/2019 4:27:12 AM



#50
Toluene-d8
Concen: 53.054 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 214.871 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 187273

Ion Ratio Lower Upper

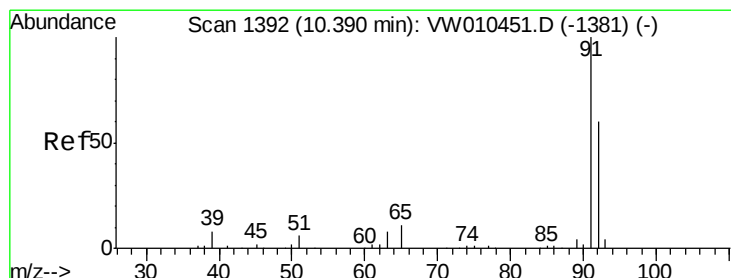
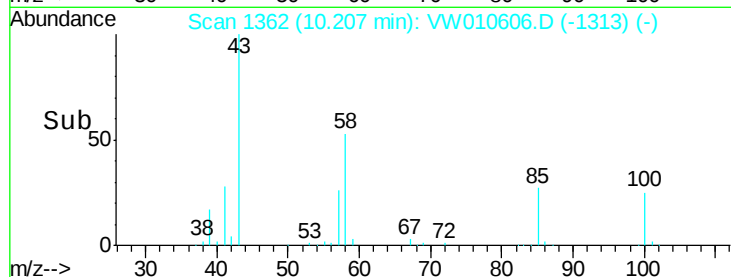
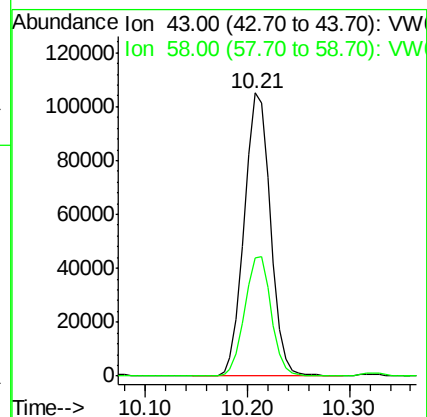
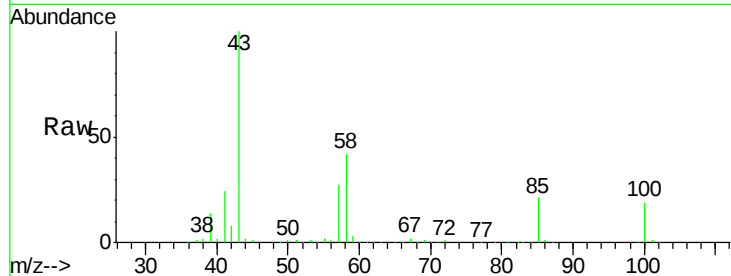
43 100

58 42.6 33.2 49.8

Manual Integrations
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MMDadoda

6/1/2019 4:27:12 AM



#52

Toluene

Concen: 56.231 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010606.D

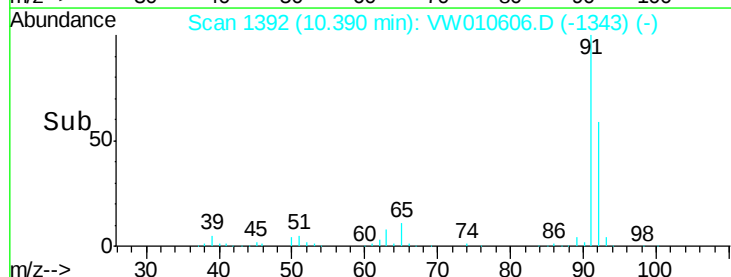
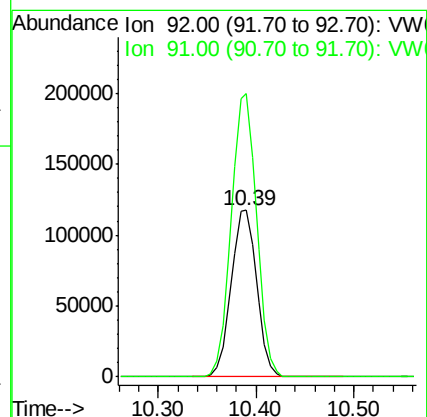
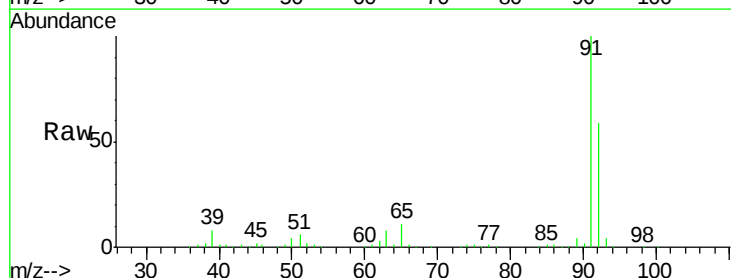
Acq: 30 May 2019 10:43

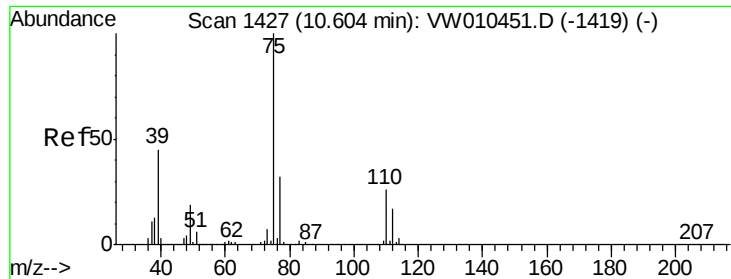
Tgt Ion: 92 Resp: 212505

Ion Ratio Lower Upper

92 100

91 168.9 135.4 203.0





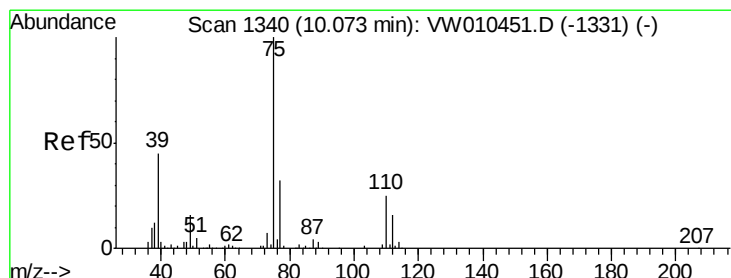
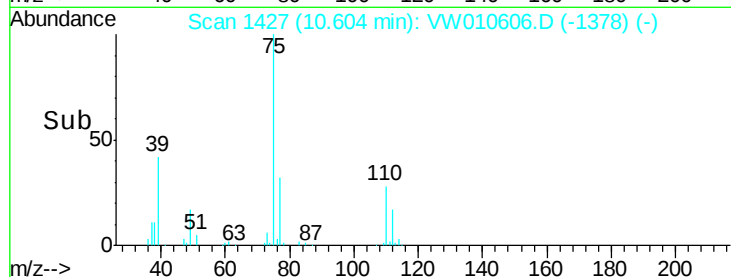
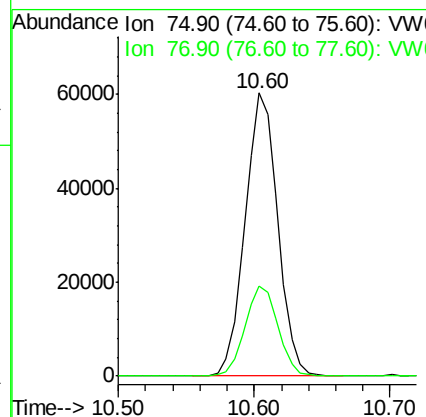
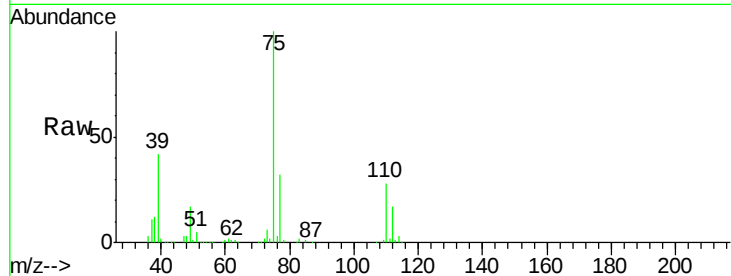
#53
t-1,3-Dichloropropene
Concen: 50.800 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.0

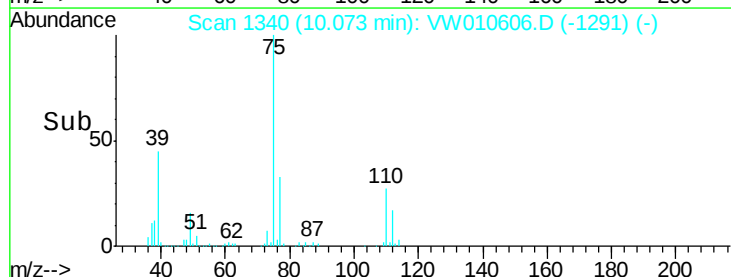
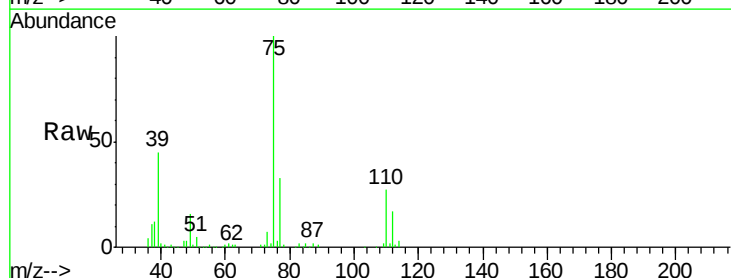
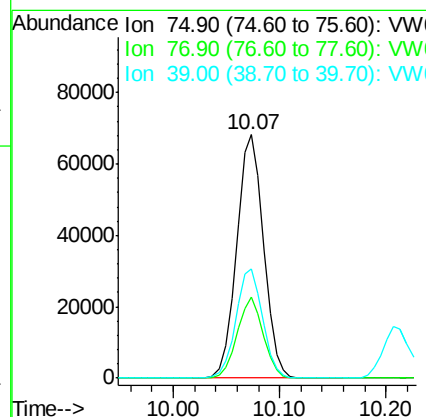
Manual Integrations
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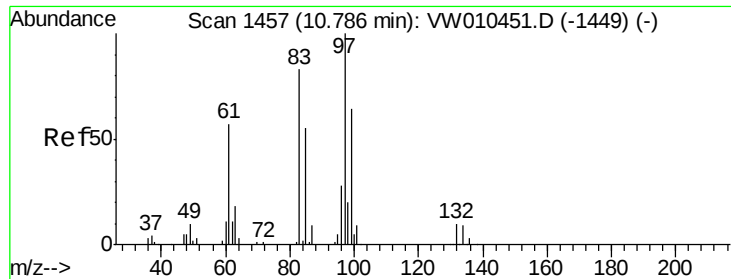
MMDadoda
6/1/2019 4:27:12 AM



#54
cis-1,3-Dichloropropene
Concen: 53.242 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.7	38.5
39	44.9	36.2	54.4





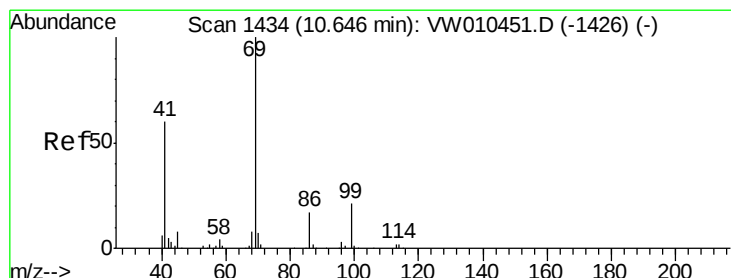
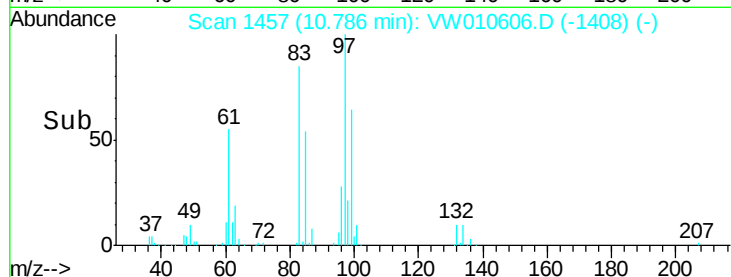
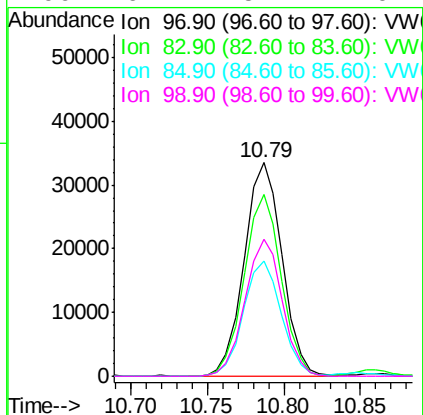
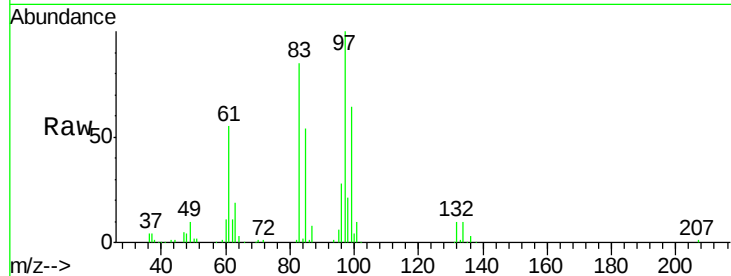
#55
 1,1,2-Trichloroethane
 Concen: 51.336 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	57698
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.1	99.1
85	54.1	44.2	66.4
99	64.1	51.1	76.7

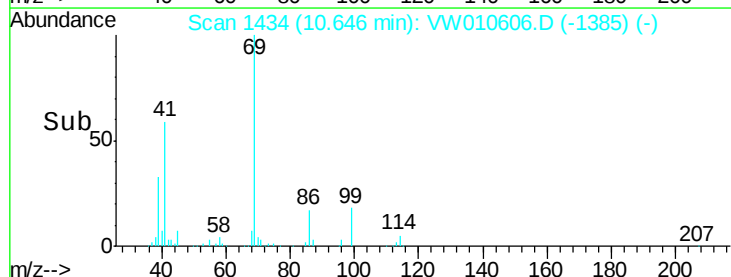
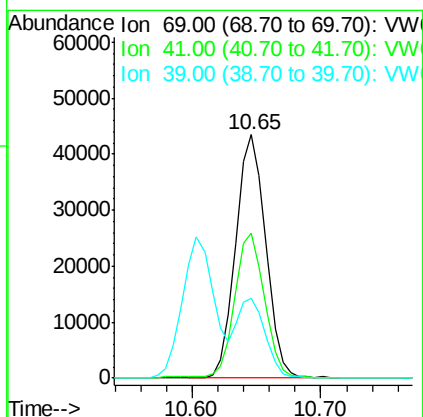
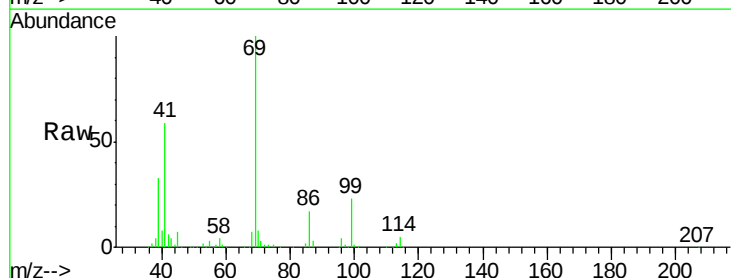
Manual Integrations
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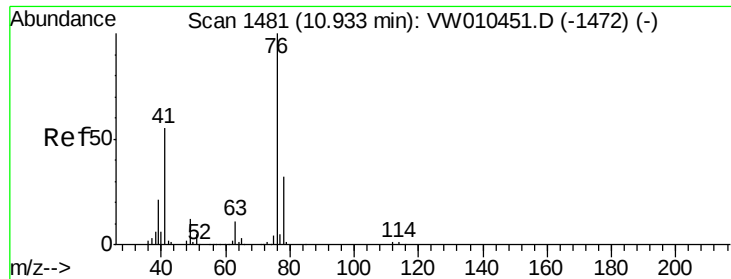
MMDadoda
 6/1/2019 4:27:12 AM



#56
 Ethyl methacrylate
 Concen: 45.357 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion:	69	Resp:	70307
Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.7	71.5
39	31.0	25.3	37.9





#57

1,3-Dichloropropane

Concen: 51.163 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 96322

Ion Ratio Lower Upper

76 100

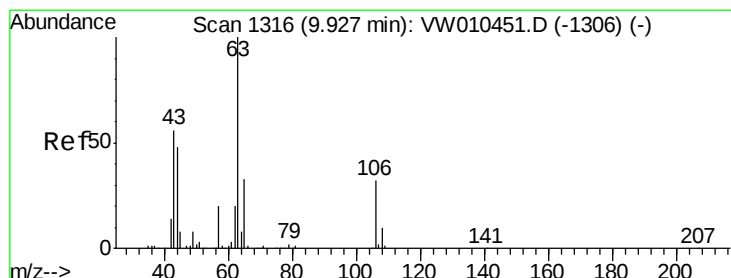
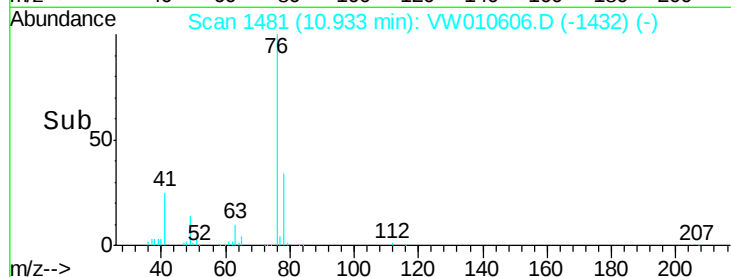
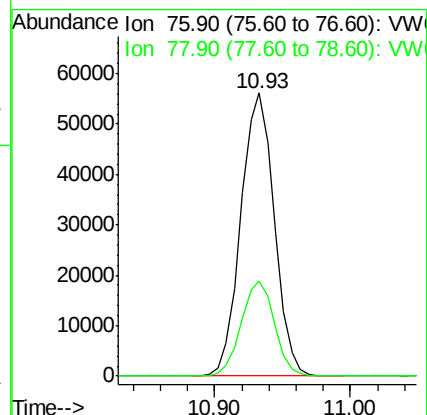
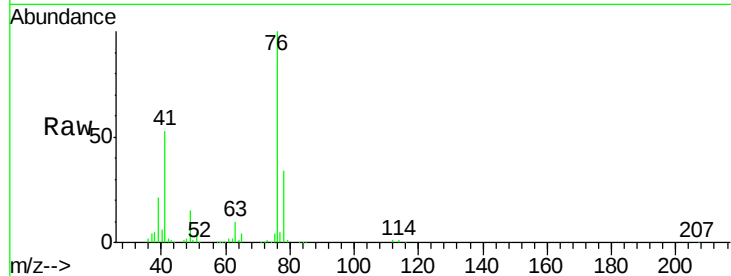
78 33.3 26.2 39.2

Manual Integrations

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MMDadoda

6/1/2019 4:27:12 AM



#58

2-Chloroethyl Vinyl ether

Concen: 210.181 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW010606.D

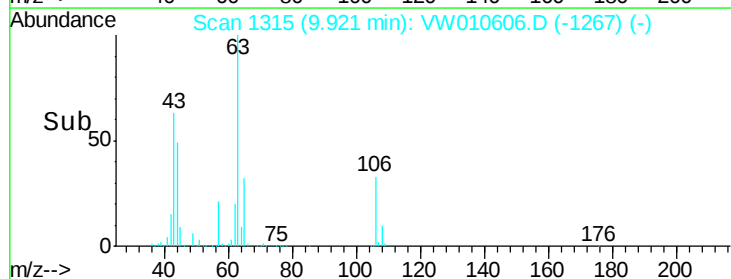
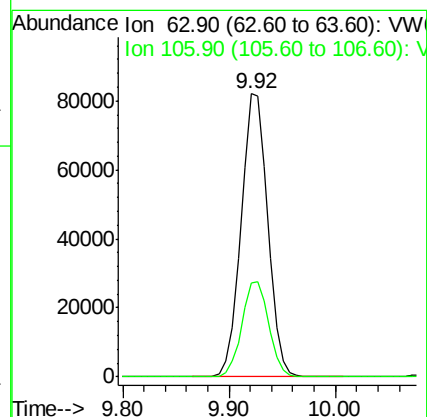
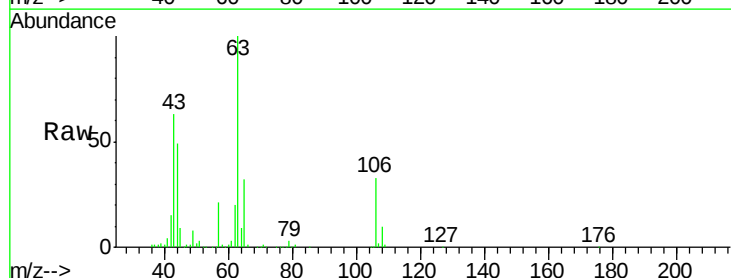
Acq: 30 May 2019 10:43

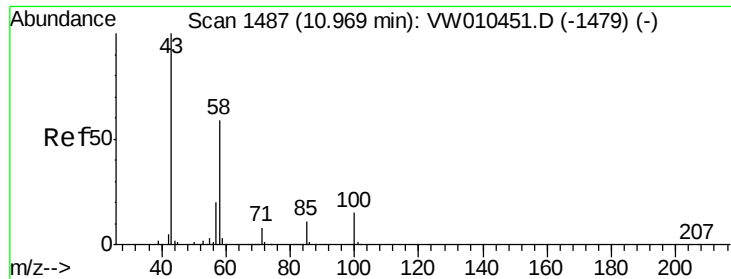
Tgt Ion: 63 Resp: 144306

Ion Ratio Lower Upper

63 100

106 34.0 25.8 38.6





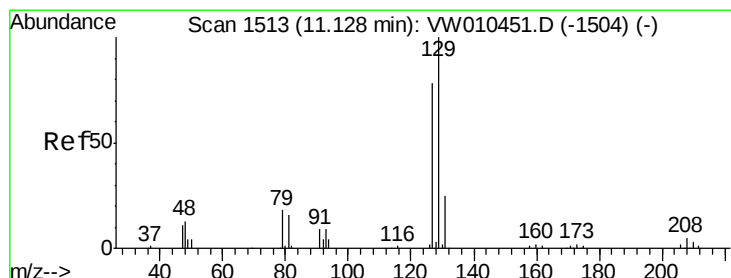
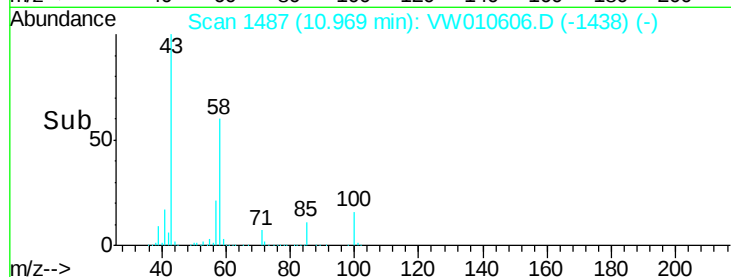
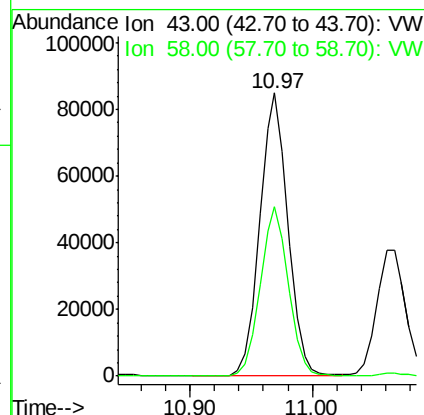
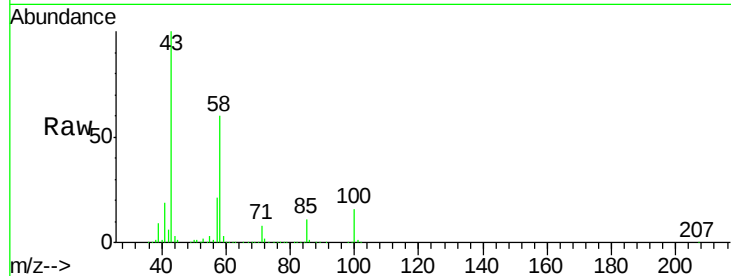
#59
2-Hexanone
Concen: 218.987 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 136150
Ion Ratio Lower Upper
43 100
58 59.9 28.9 86.8

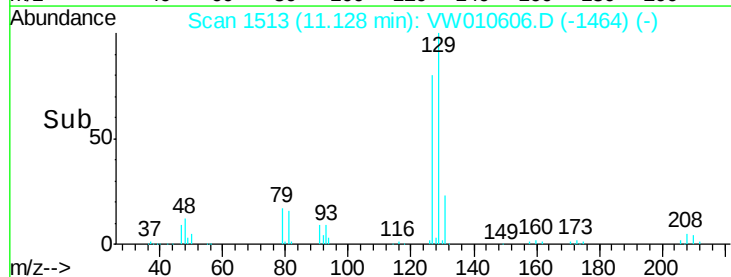
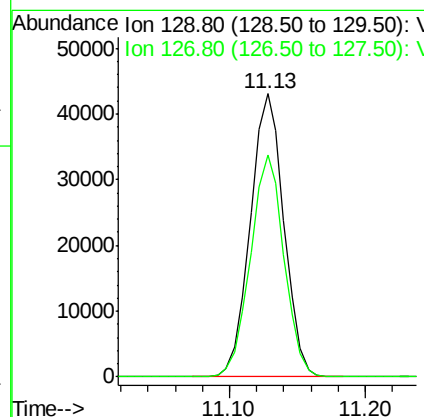
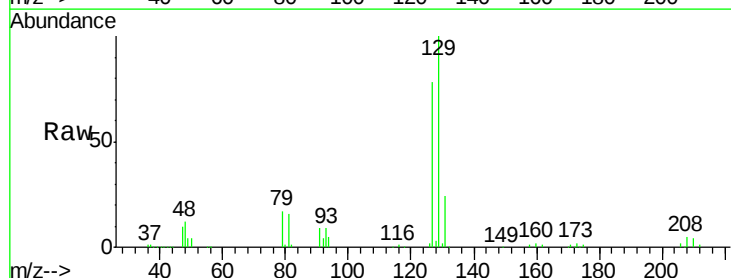
Manual Integrations
APPROVED

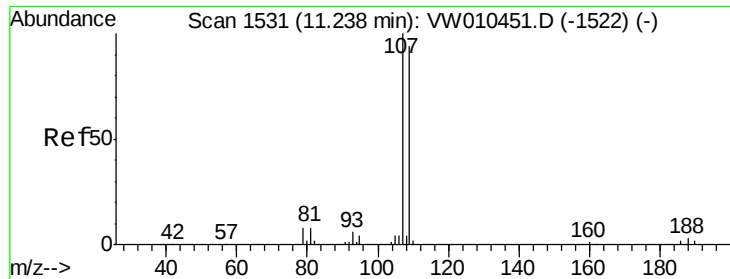
MMDadoda
6/1/2019 4:27:12 AM



#60
Dibromochloromethane
Concen: 52.262 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 129 Resp: 74340
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.718 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 57744

Ion Ratio Lower Upper

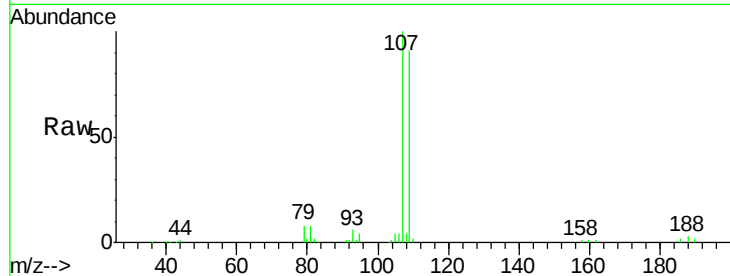
107 100

109 95.1 75.0 112.4

Manual Integrations
APPROVED

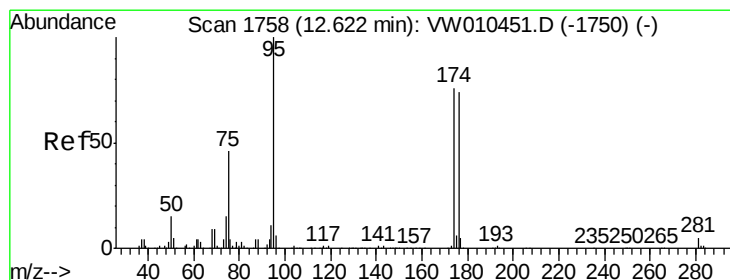
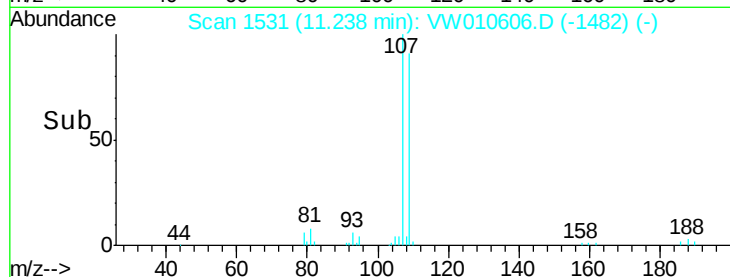
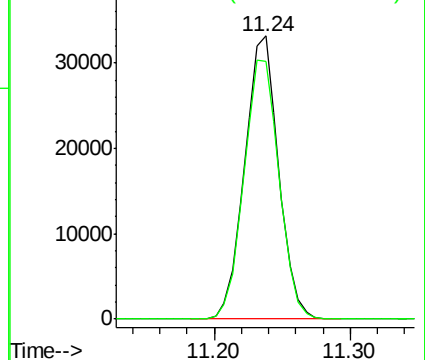
MMDadoda

6/1/2019 4:27:12 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.701 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

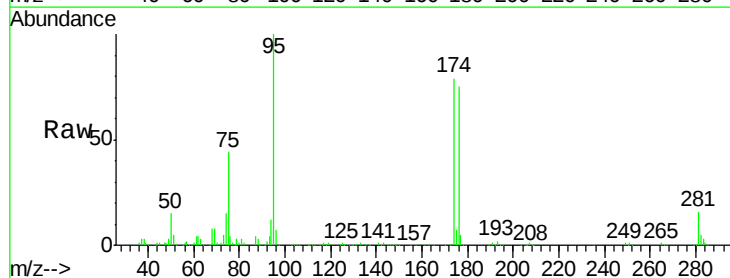
Tgt Ion: 95 Resp: 101742

Ion Ratio Lower Upper

95 100

174 76.9 0.0 148.6

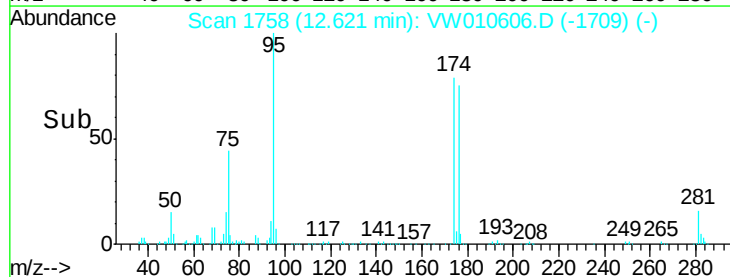
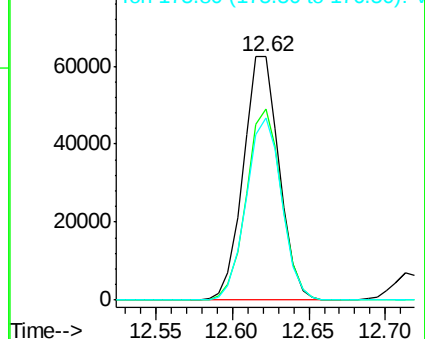
176 74.3 0.0 144.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





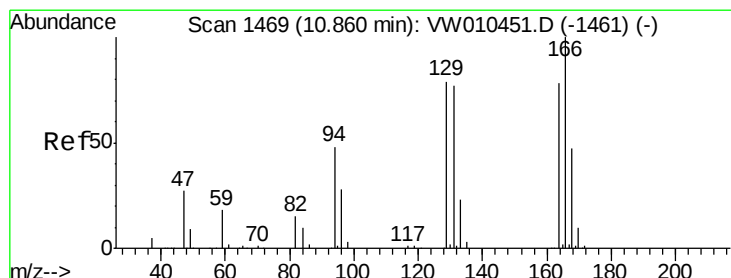
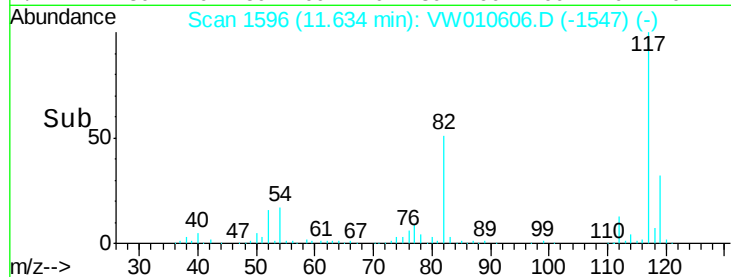
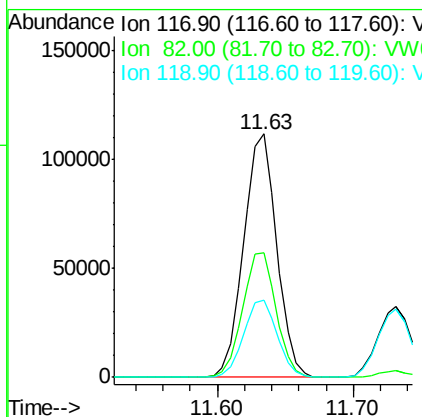
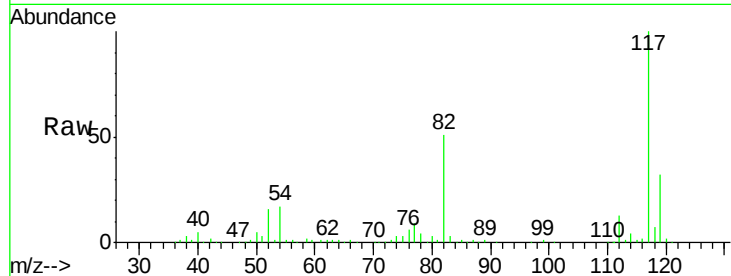
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.8	64.2
119	32.0	26.3	39.5

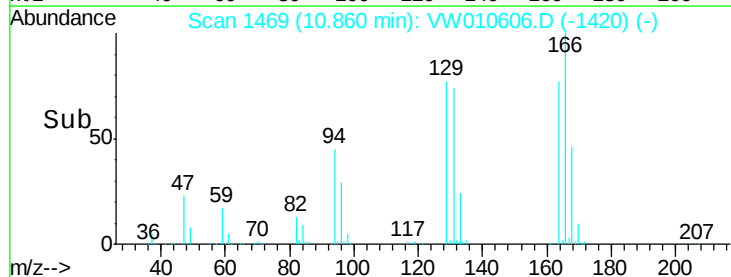
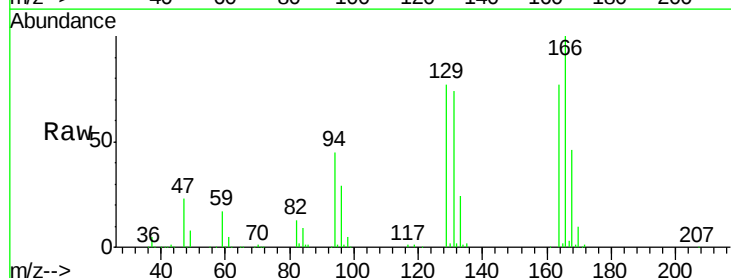
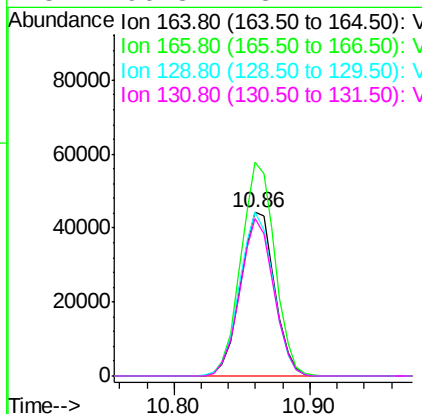
Manual Integrations
APPROVED

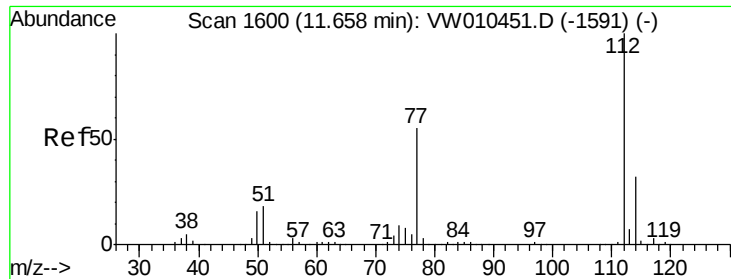
MMDadoda
6/1/2019 4:27:12 AM



#64
Tetrachloroethene
Concen: 58.660 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	101.9	152.9
129	99.9	80.6	121.0
131	96.3	78.2	117.2





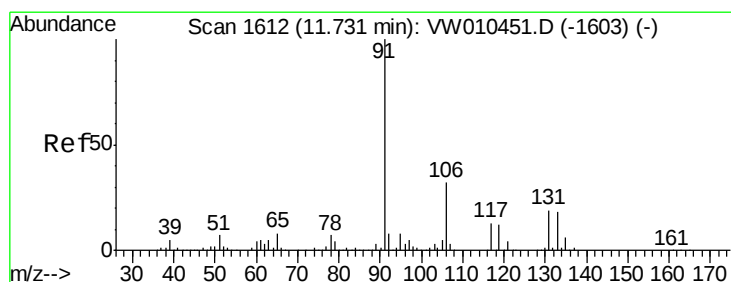
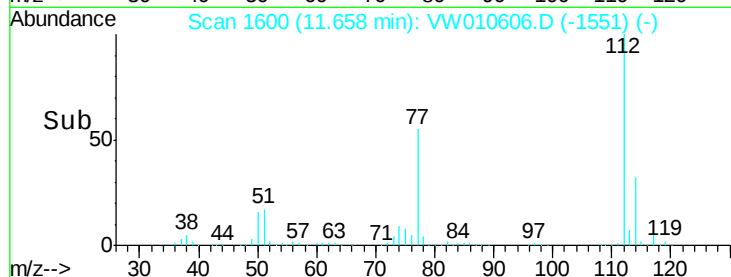
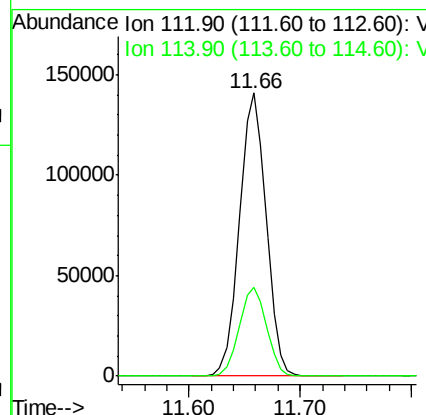
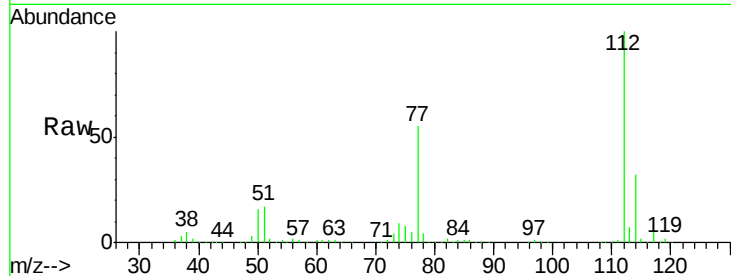
#65
Chlorobenzene
Concen: 57.490 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 232704
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

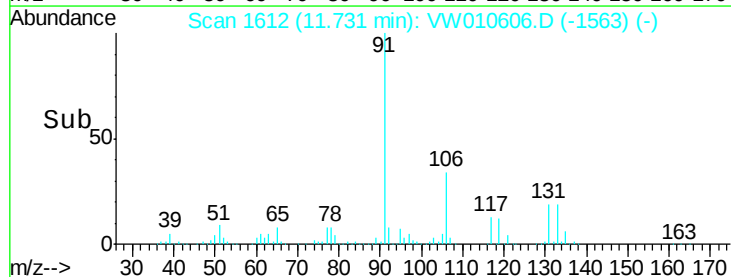
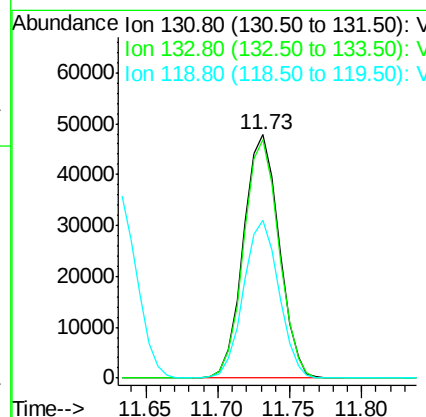
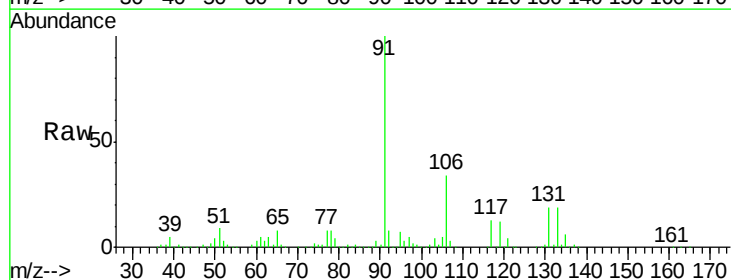
Manual Integrations
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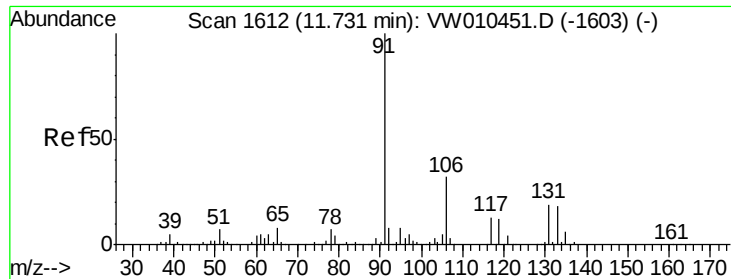
MMDadoda
6/1/2019 4:27:12 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.734 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion:131 Resp: 82263
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.9
119 64.2 32.1 96.5





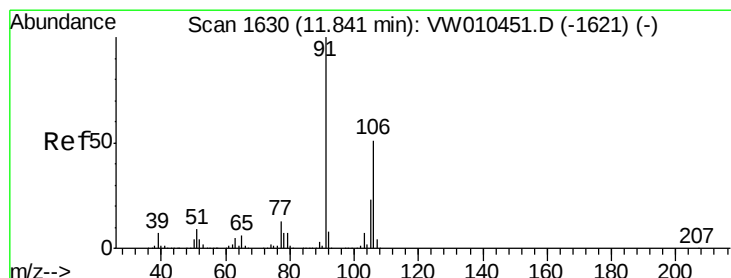
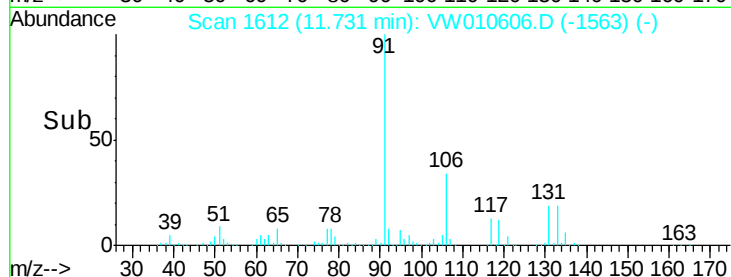
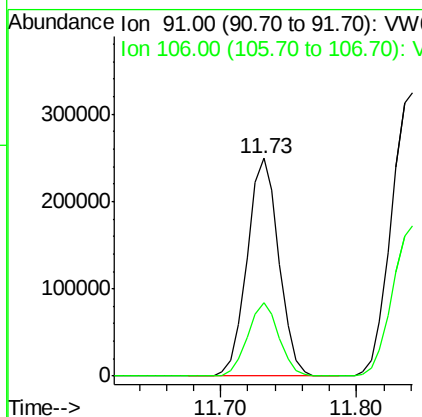
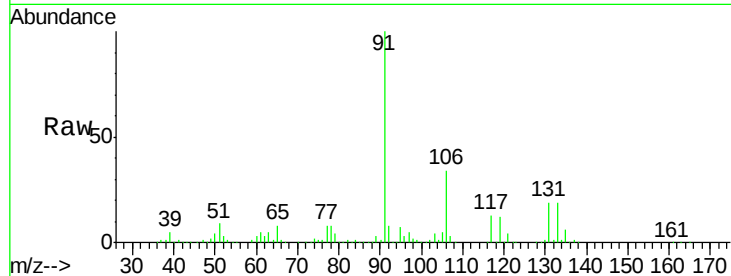
#67
Ethyl Benzene
Concen: 56.981 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 407209
Ion Ratio Lower Upper
91 100
106 33.5 25.9 38.9

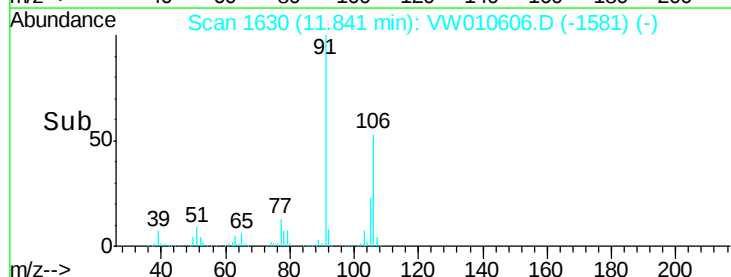
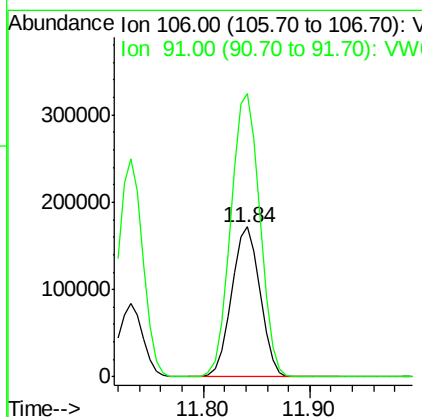
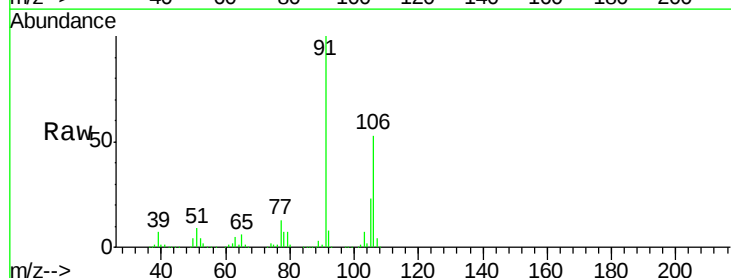
Manual Integrations
APPROVED

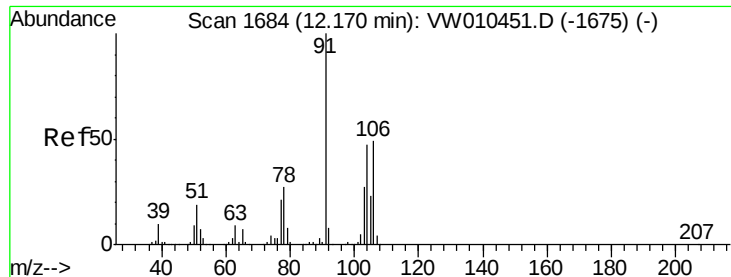
MMDadoda
6/1/2019 4:27:12 AM



#68
m/p-Xylenes
Concen: 115.077 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 106 Resp: 322564
Ion Ratio Lower Upper
106 100
91 192.6 156.0 234.0





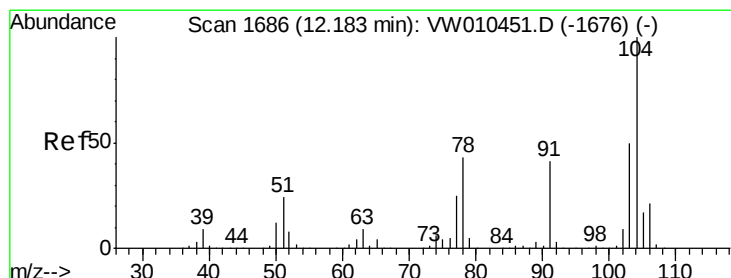
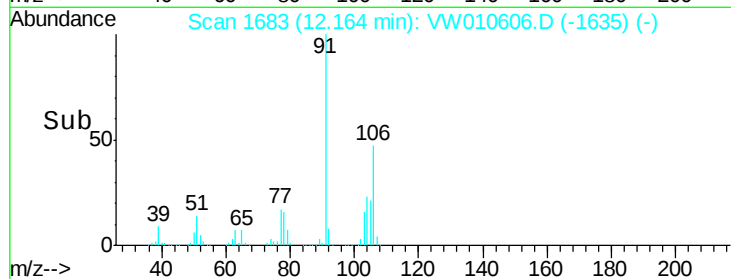
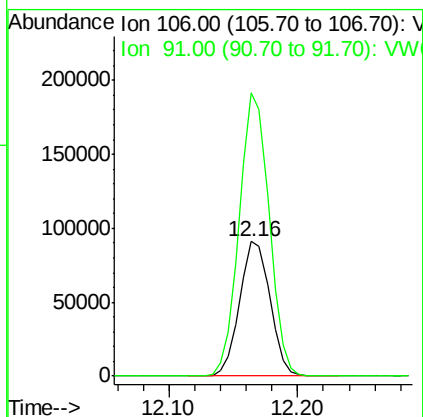
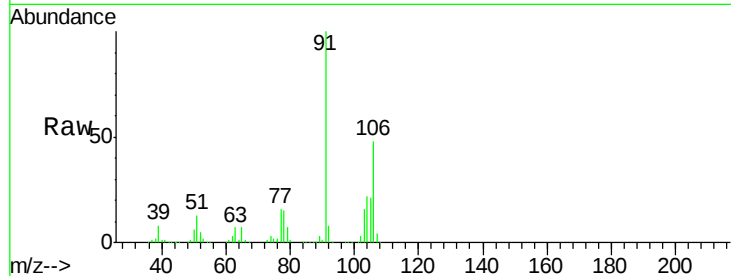
#69
o-Xylene
Concen: 56.091 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.9	103.2	148963	309.4	

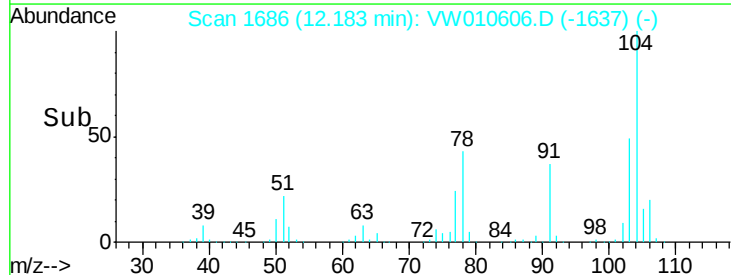
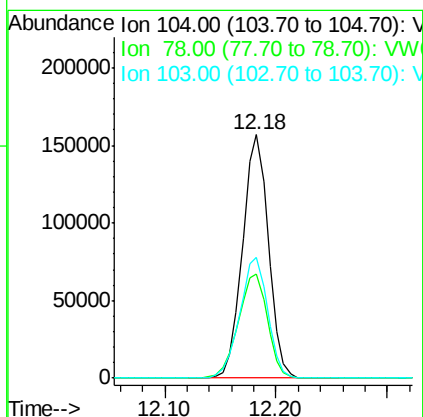
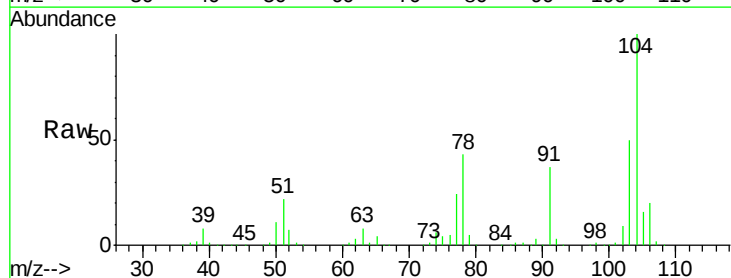
Manual Integrations
APPROVED

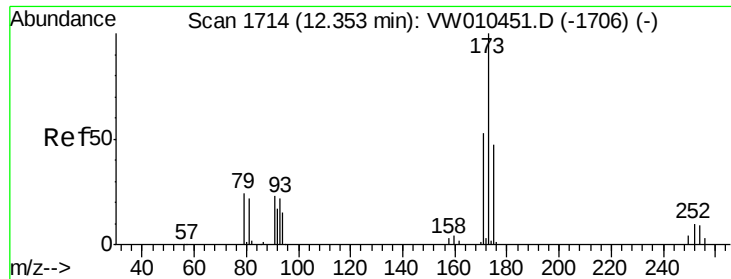
MMDadoda
6/1/2019 4:27:12 AM



#70
Styrene
Concen: 56.088 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.0	39.0	252732	58.4	
103	53.4	43.0		64.6	





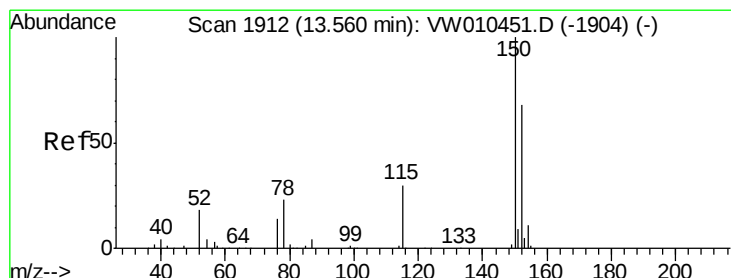
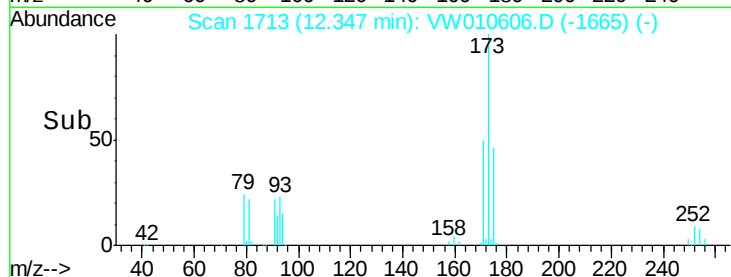
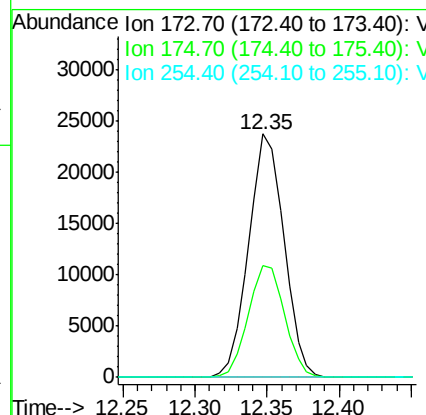
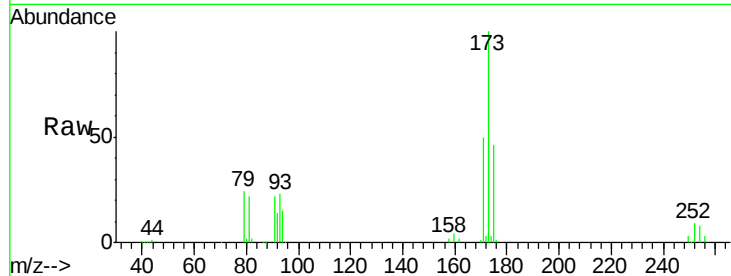
#71
Bromoform
Concen: 50.485 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.4	73.4
254	0.0	0.0	0.0

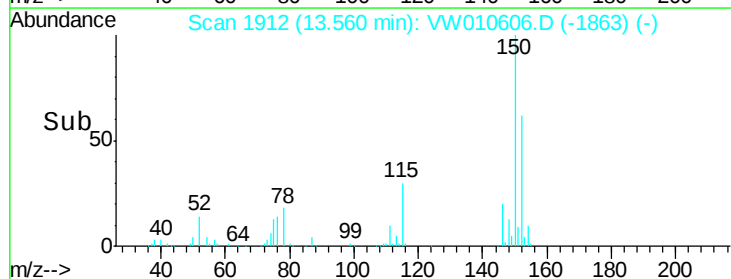
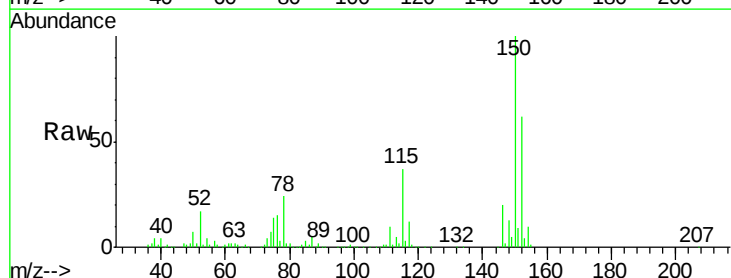
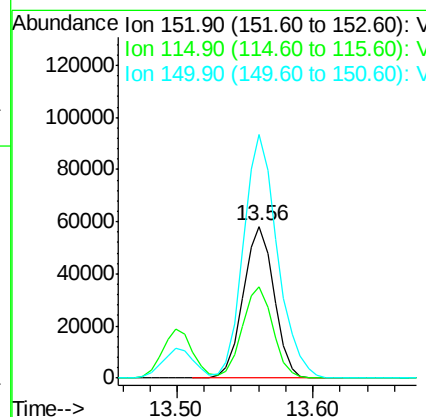
Manual Integrations
APPROVED

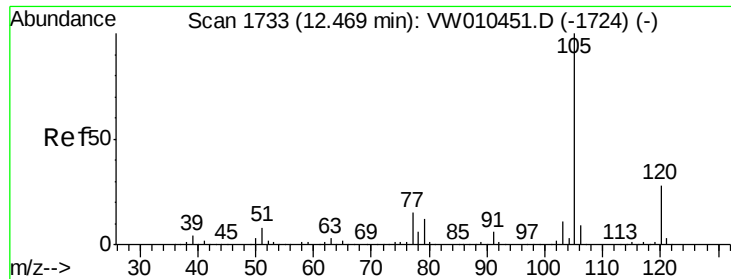
MMDadoda
6/1/2019 4:27:12 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.3	91.0
150	177.1	0.0	349.8





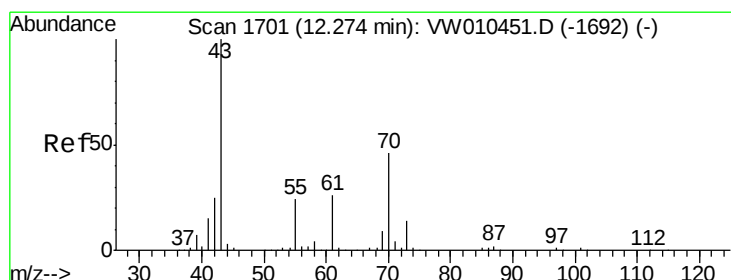
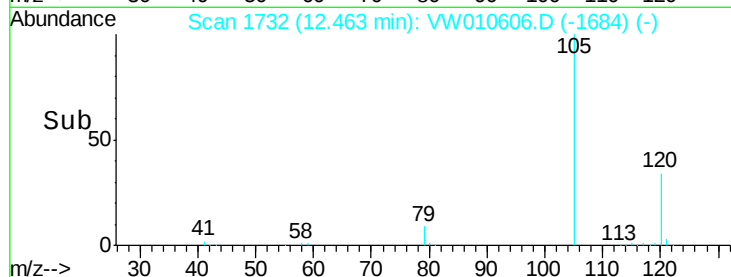
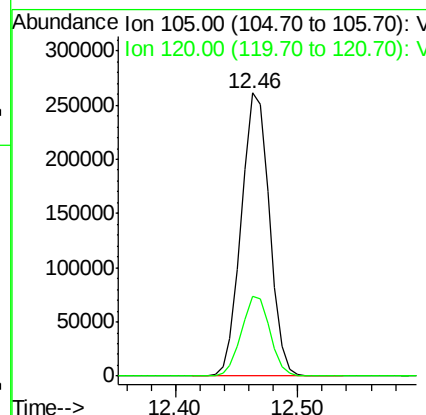
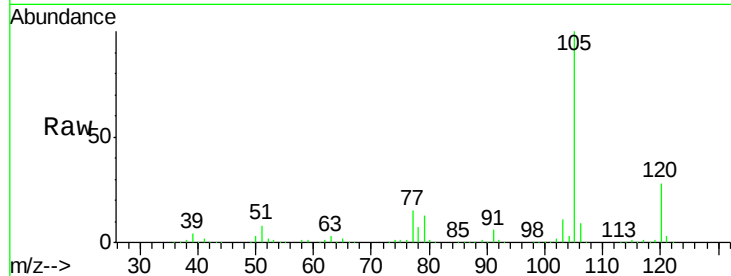
#73
Isopropylbenzene
Concen: 56.937 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 415286
Ion Ratio Lower Upper
105 100
120 28.5 13.9 41.7

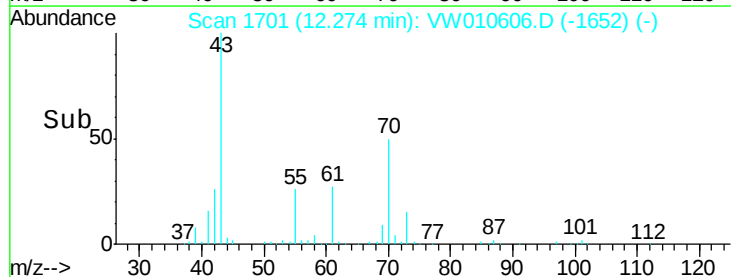
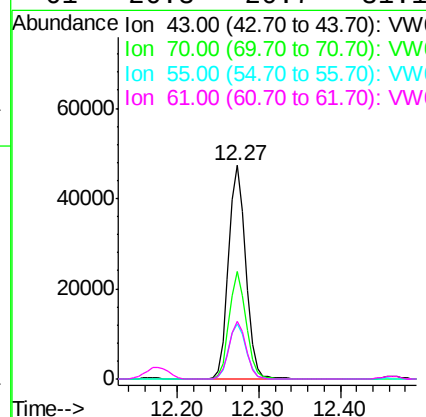
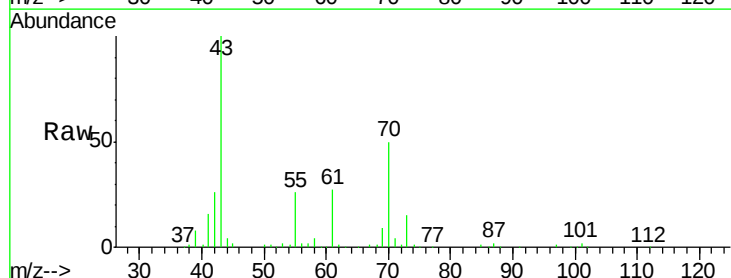
Manual Integrations
APPROVED

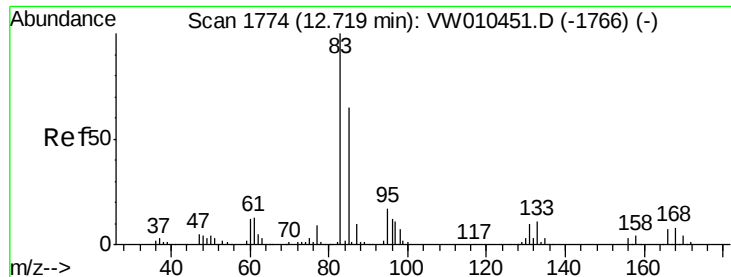
MMDadoda
6/1/2019 4:27:12 AM



#74
N-ethyl acetate
Concen: 41.548 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion: 43 Resp: 69444
Ion Ratio Lower Upper
43 100
70 48.9 37.1 55.7
55 25.9 19.6 29.4
61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.680 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

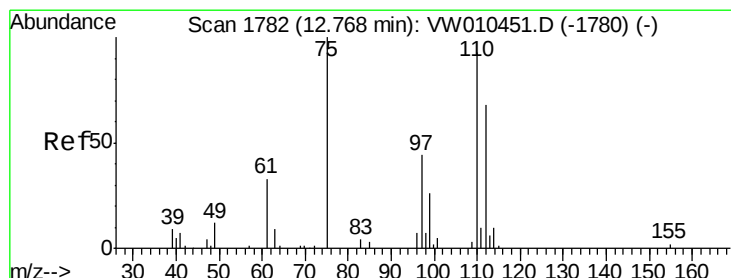
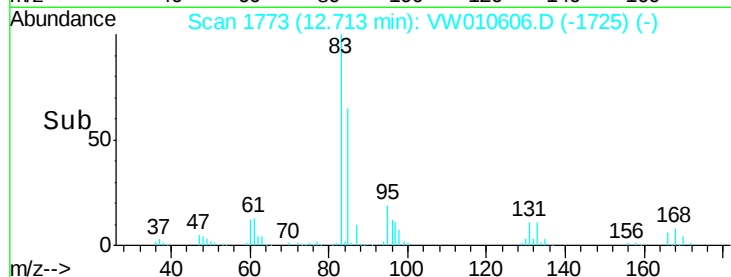
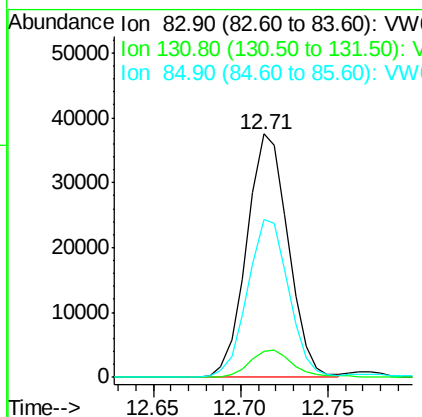
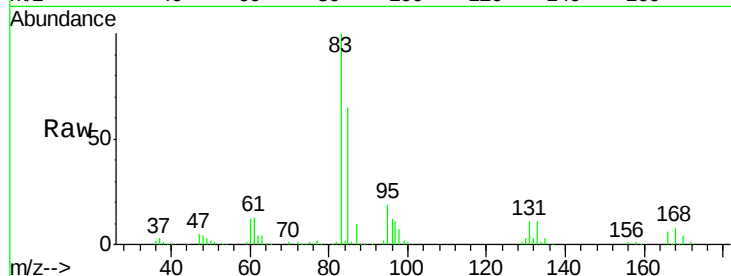
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	61928
Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.6	16.8
85	64.5	32.4	97.0

Manual Integrations
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MMDadoda
6/1/2019 4:27:12 AM



#76

1,2,3-Trichloropropane

Concen: 45.361 ug/l m

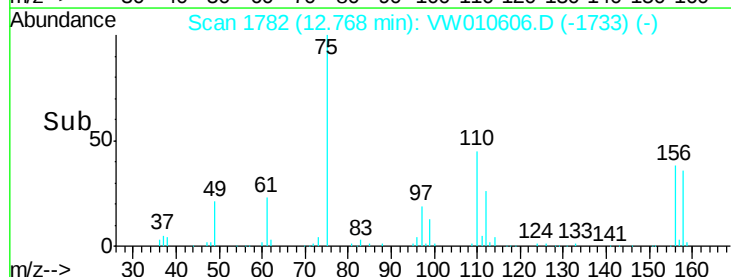
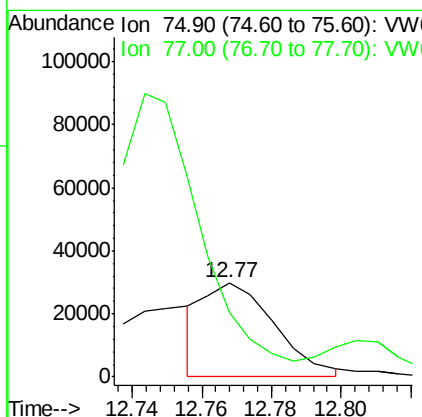
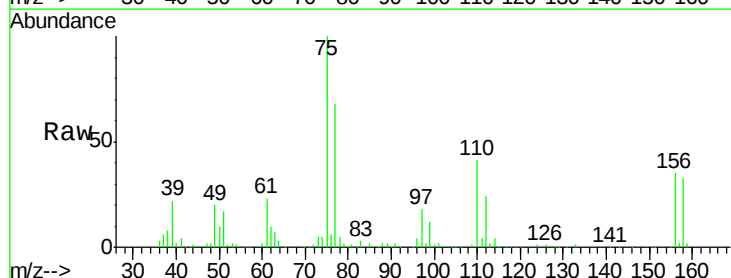
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Tgt Ion:	75	Resp:	42322
Ion	Ratio	Lower	Upper
75	100		
77	0.0	170.0	510.1#





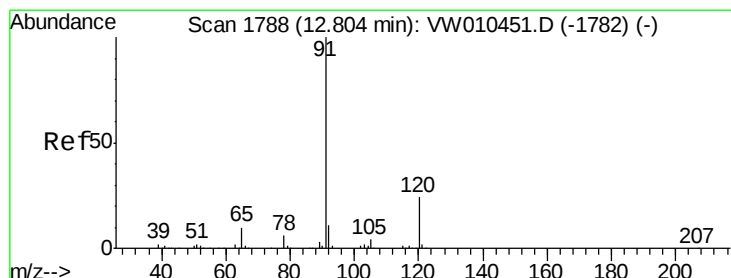
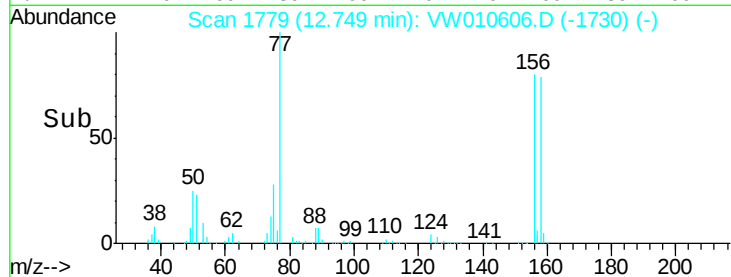
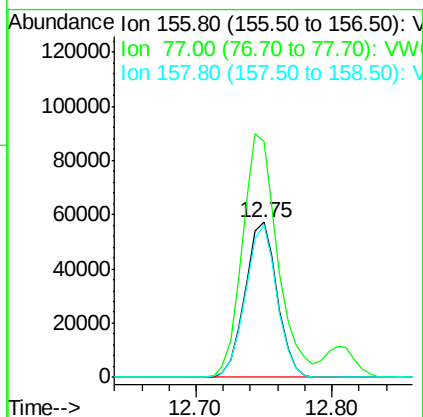
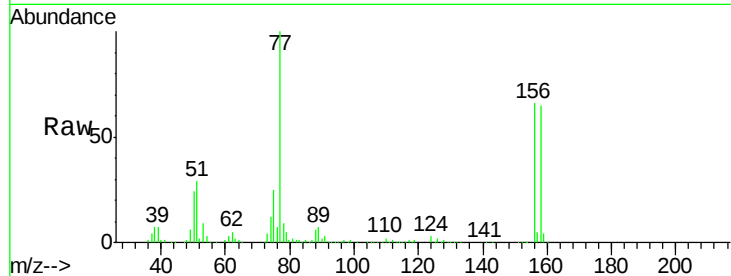
#77
Bromobenzene
Concen: 57.779 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	172.3	92.4	277.2	
158	96.5	48.3	144.8	

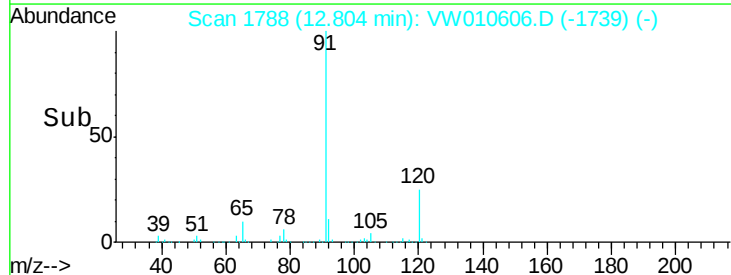
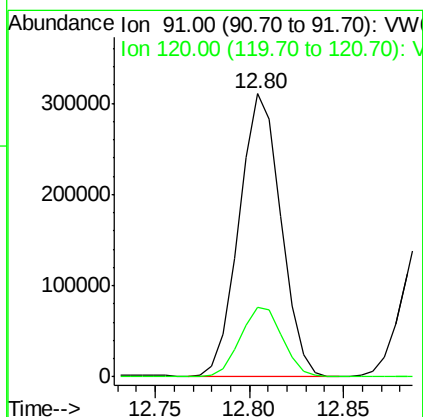
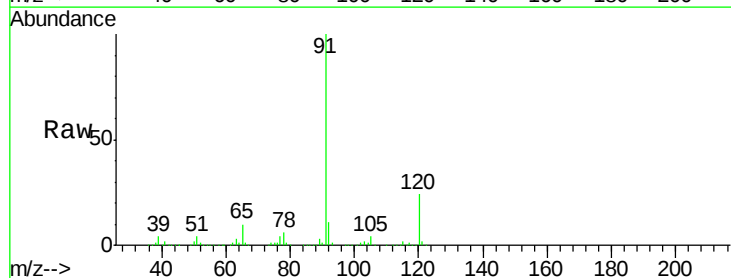
Manual Integrations
APPROVED

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6/1/2019 4:27:12 AM



#78
n-propylbenzene
Concen: 56.099 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.0	12.3	36.8	





#79

2-Chlorotoluene

Concen: 55.815 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 275131

Ion Ratio Lower Upper

91 100

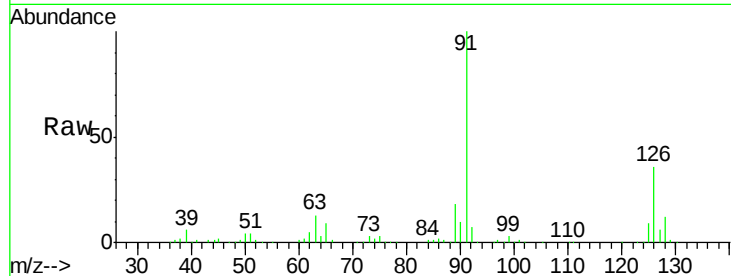
126 35.9 17.4 52.3

Manual Integrations

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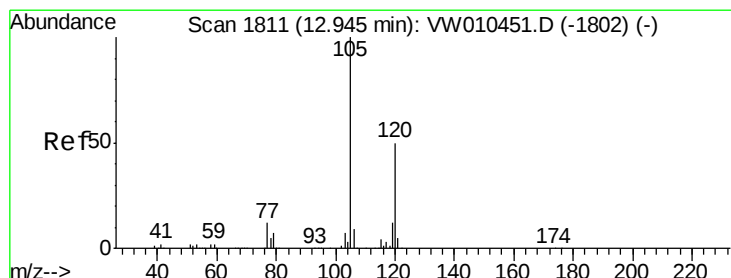
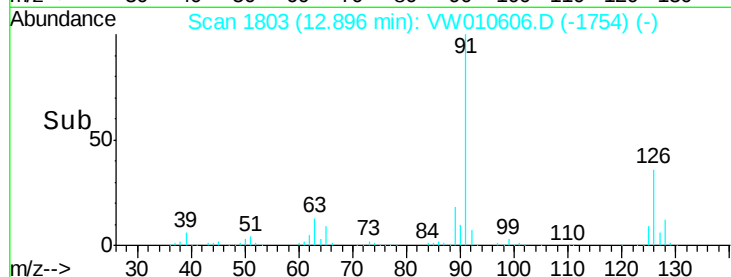
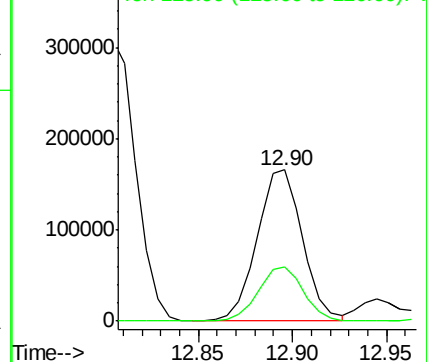
MMDadoda

6/1/2019 4:27:12 AM



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: 55.967 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010606.D

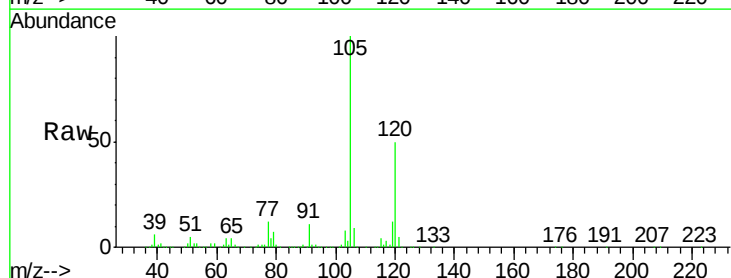
Acq: 30 May 2019 10:43

Tgt Ion:105 Resp: 345731

Ion Ratio Lower Upper

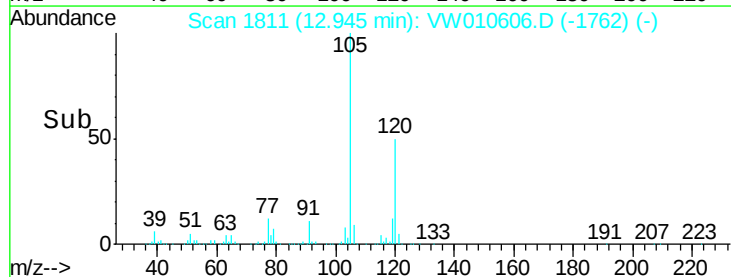
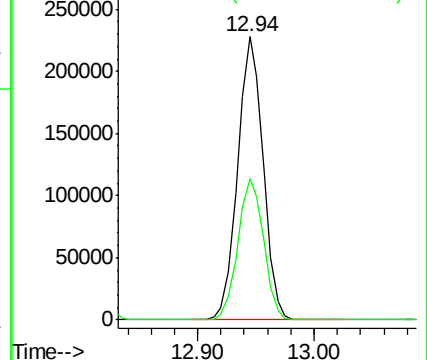
105 100

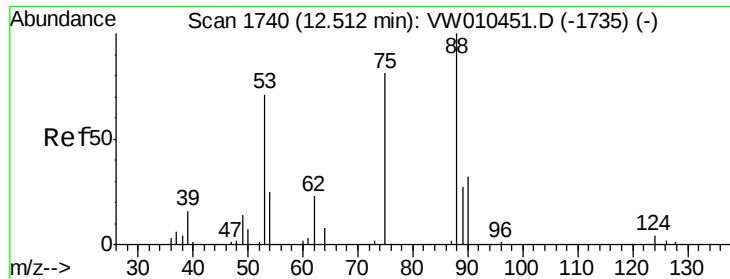
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





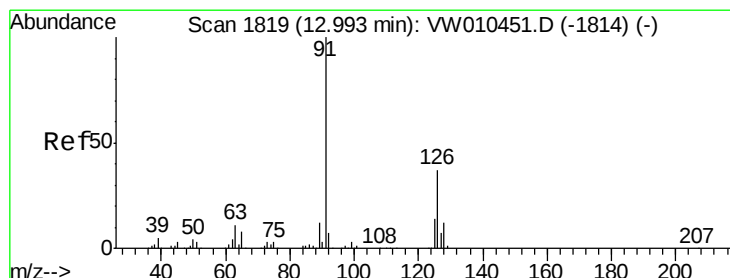
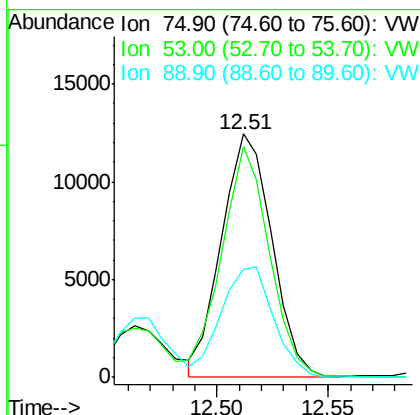
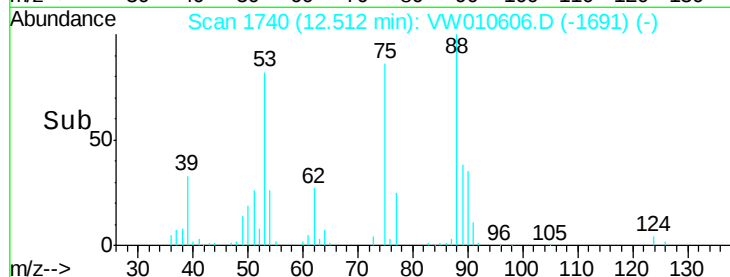
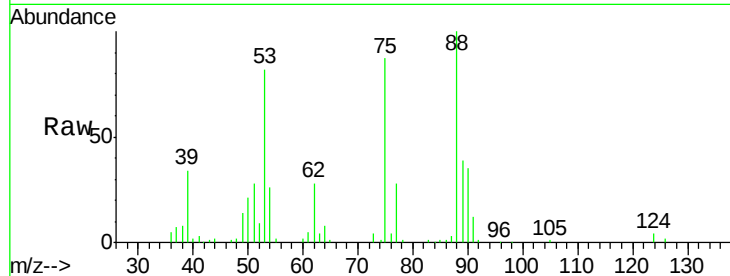
#81
trans-1,4-Dichloro-2-butene
Concen: 43.481 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
53	91.7	69.8	104.8	
89	47.7	39.5	59.3	

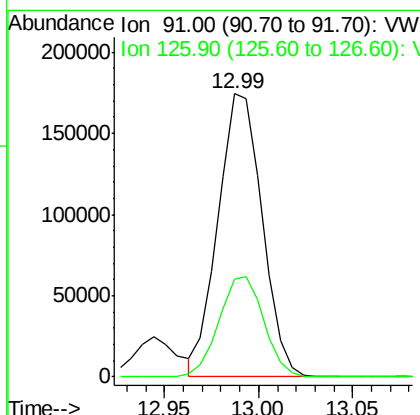
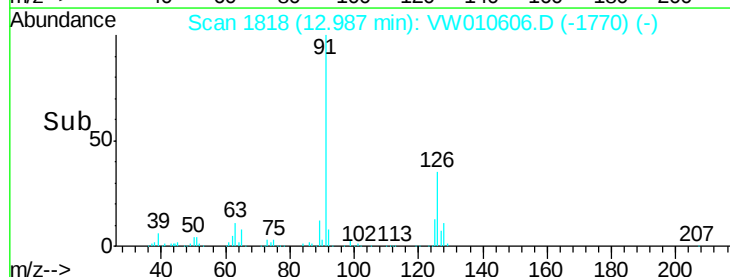
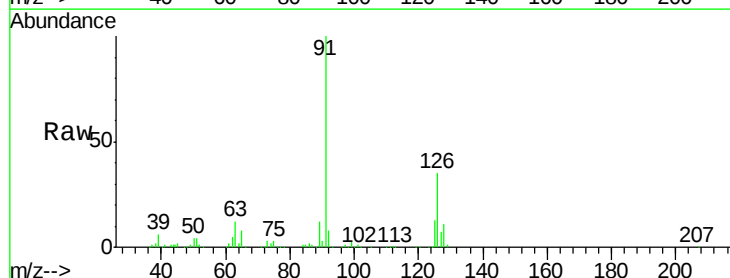
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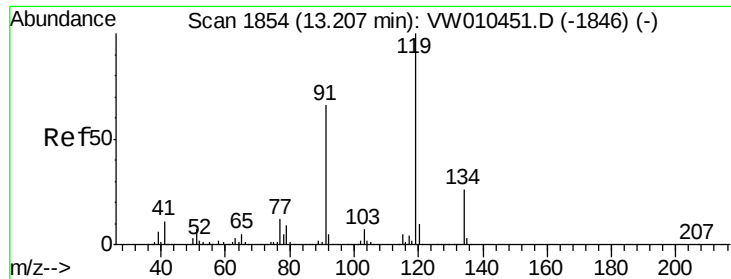
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#82
4-Chlorotoluene
Concen: 55.213 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
126	36.1	17.5	52.6	





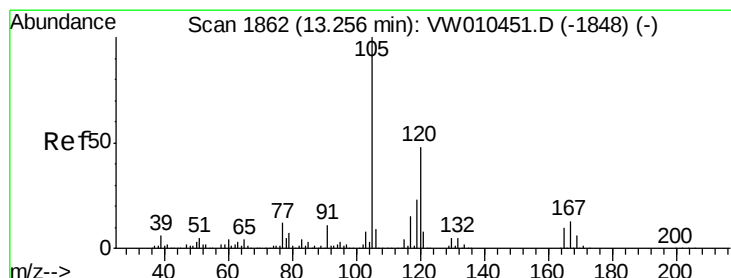
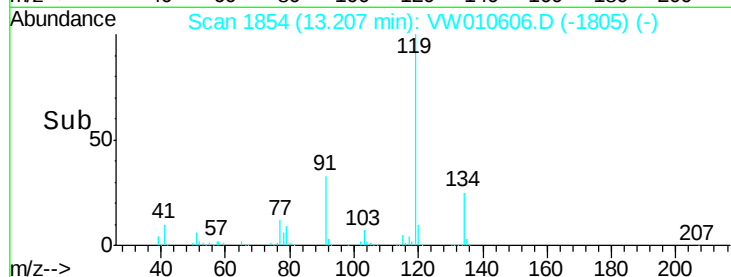
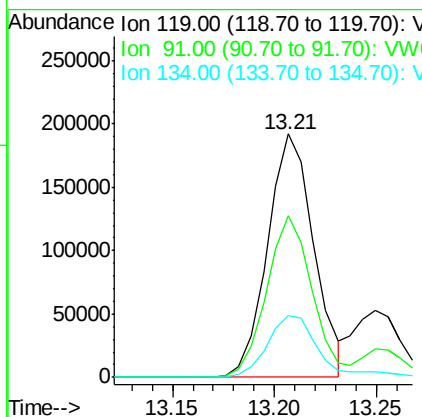
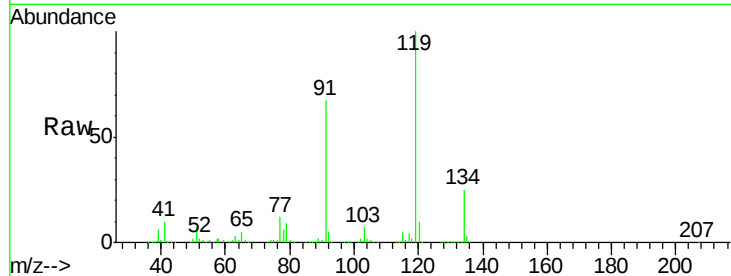
#83
tert-Butylbenzene
Concen: 56.244 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	303496		
91	65.7		33.1	99.5
134	28.2		13.9	41.6

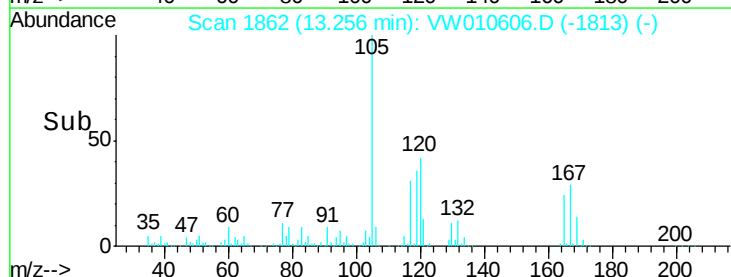
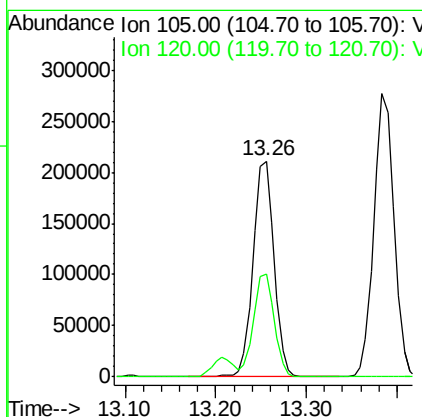
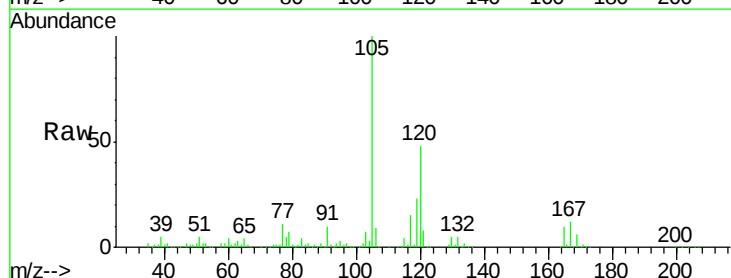
Manual Integrations
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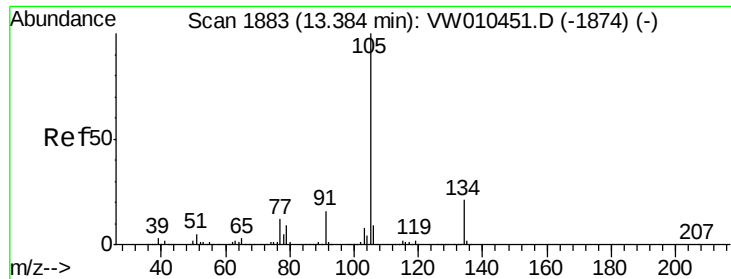
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#84
1,2,4-Trimethylbenzene
Concen: 54.957 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	338129		
120	47.2		23.4	70.2





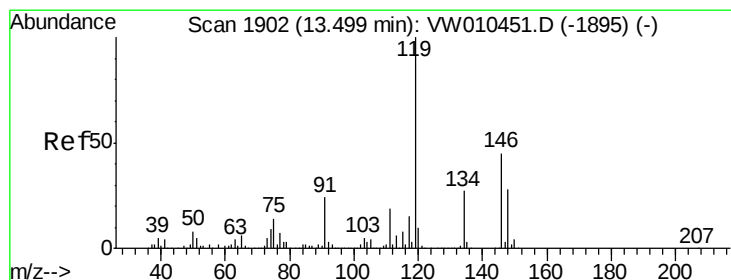
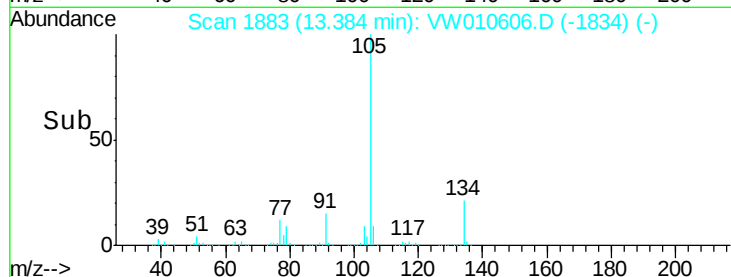
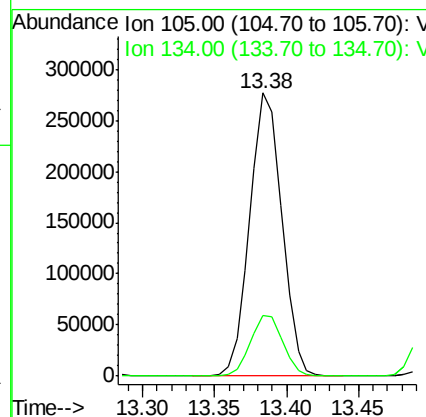
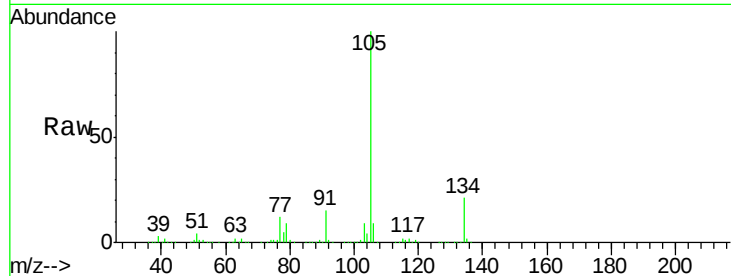
#85
 sec-Butylbenzene
 Concen: 56.459 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.6	10.5	31.6

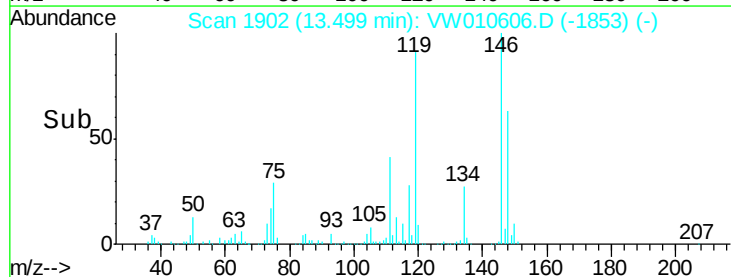
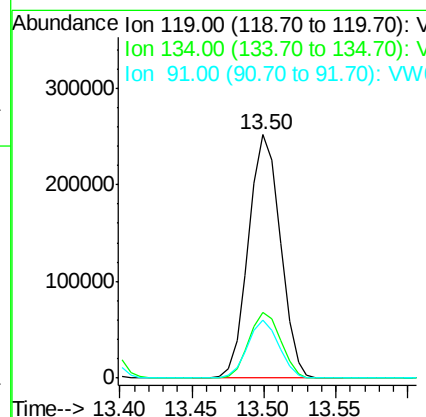
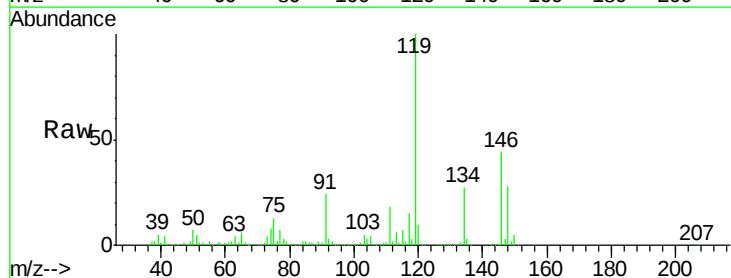
Manual Integrations
 APPROVED

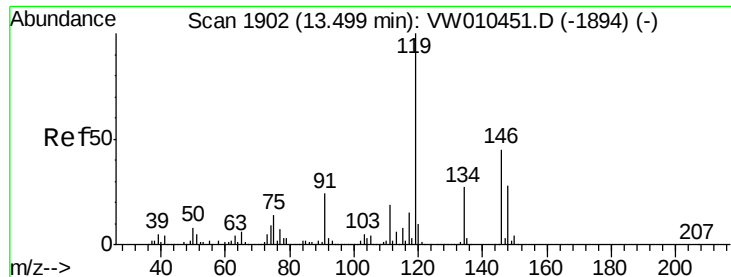
MMDadoda
 6/1/2019 4:27:12 AM



#86
 p-Isopropyltoluene
 Concen: 56.365 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	23.5	11.9	35.7





#87

1,3-Dichlorobenzene

Concen: 56.032 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Instrument :

MSVOA_W

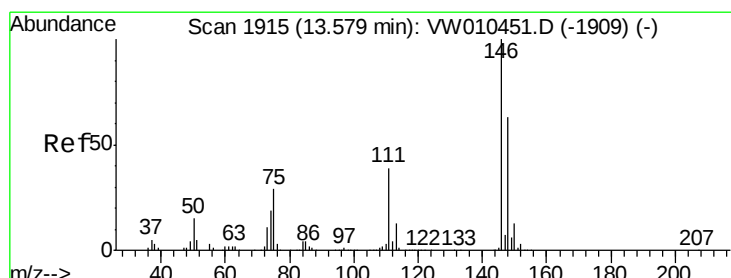
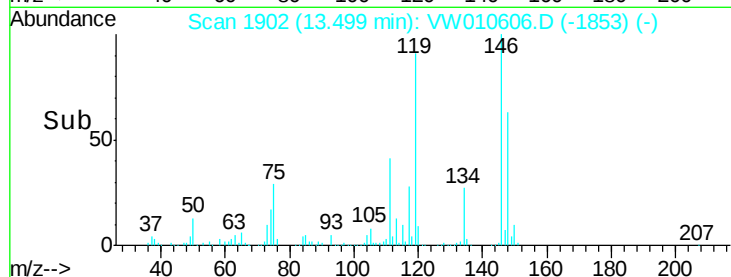
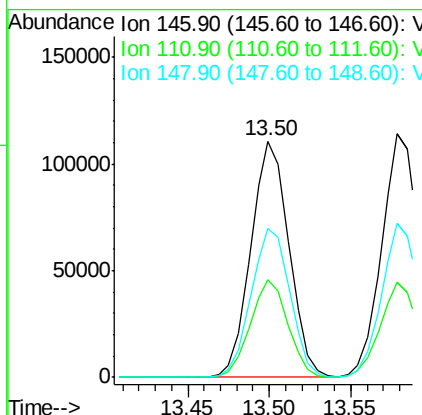
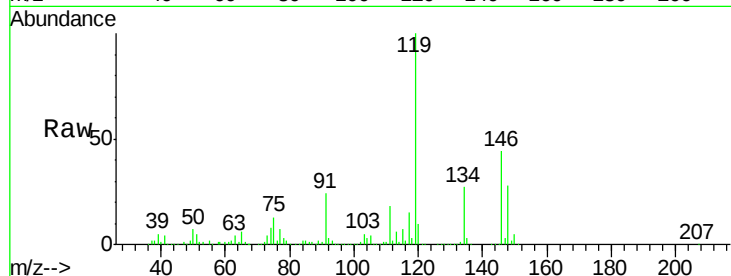
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	179431
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.3	60.9
148	64.3	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 56.428 ug/l

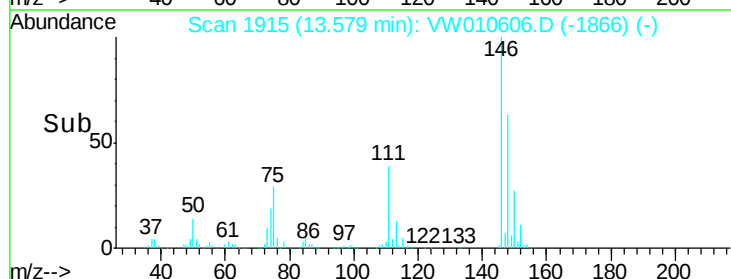
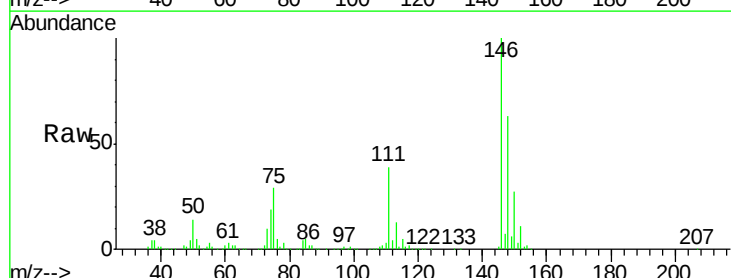
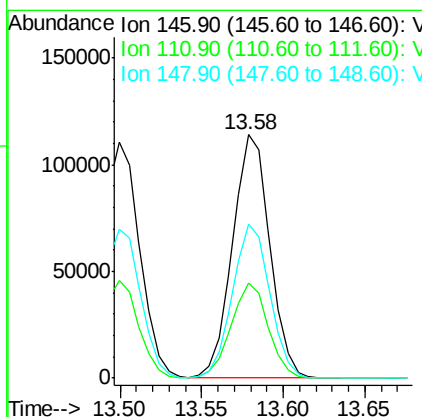
RT: 13.58 min Scan# 1915

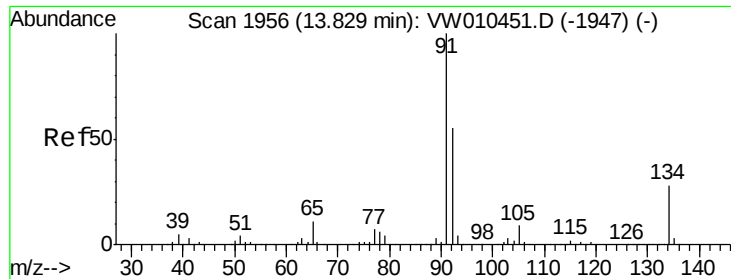
Delta R.T. -0.00 min

Lab File: VW010606.D

Acq: 30 May 2019 10:43

Tgt Ion:	146	Resp:	181302
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.9	59.6
148	63.5	31.6	94.8





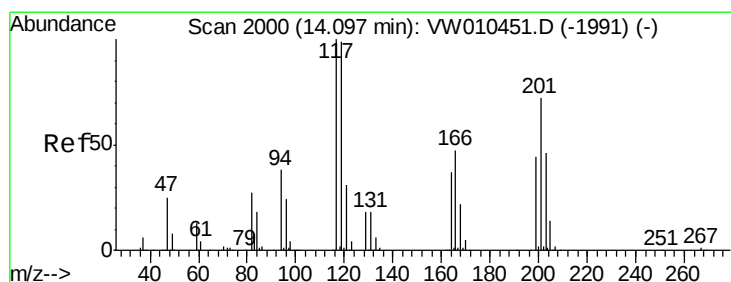
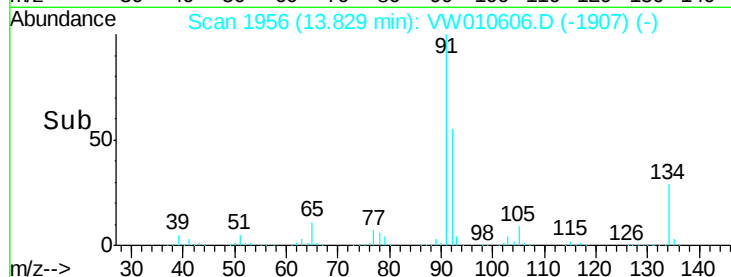
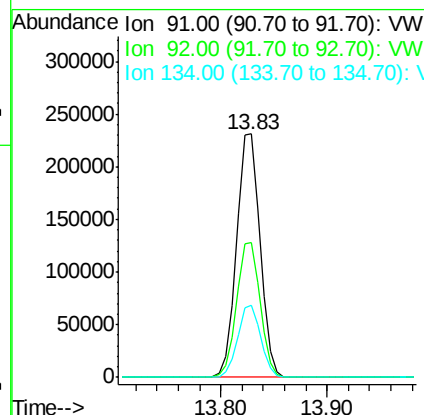
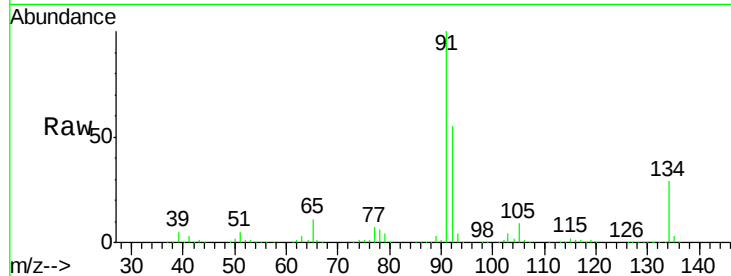
#89
n-Butylbenzene
Concen: 55.185 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.7	83.1
134	29.1	13.9	41.6

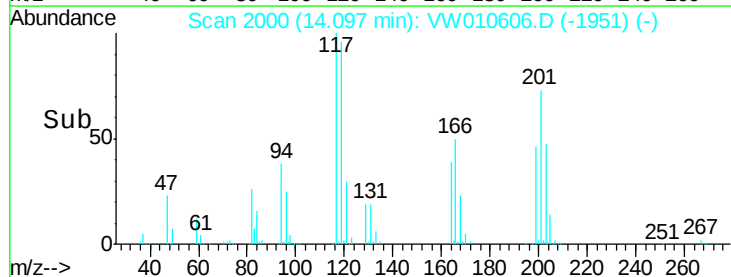
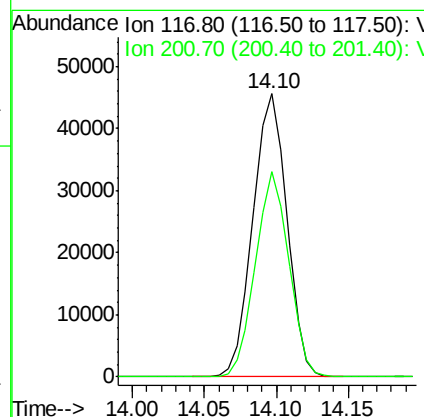
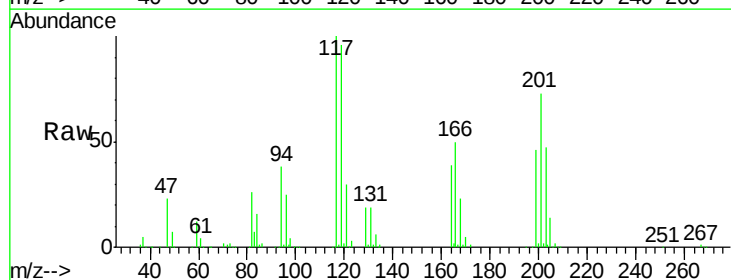
Manual Integrations
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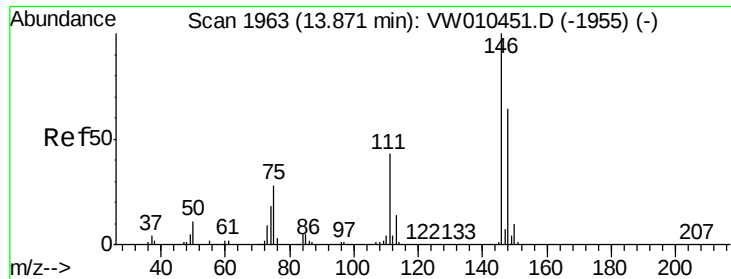
MMDadoda
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#90
Hexachloroethane
Concen: 56.325 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.2	34.6	103.8





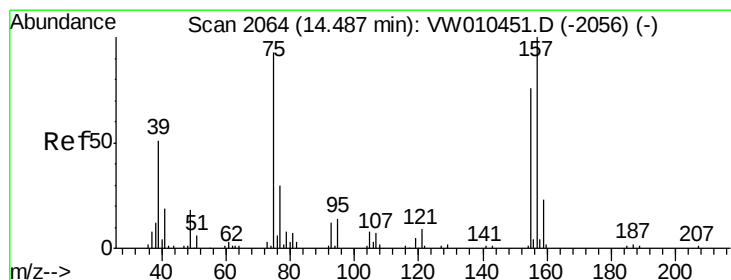
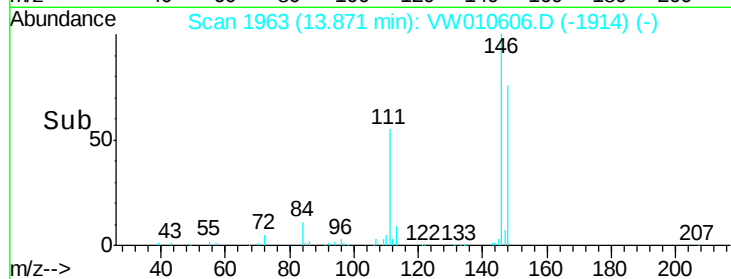
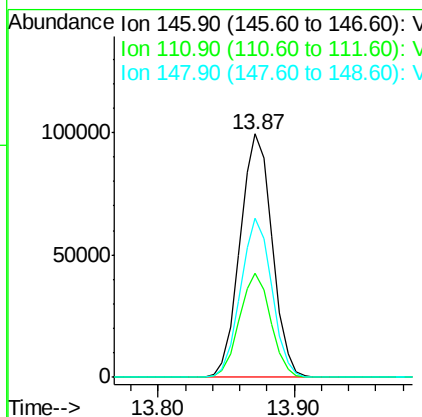
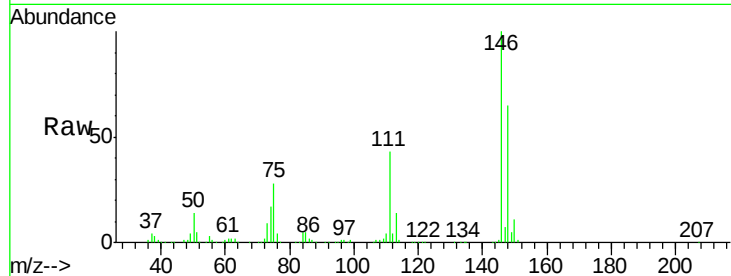
#91
 1,2-Dichlorobenzene
 Concen: 56.009 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	64.0
148	63.6	32.0	96.0

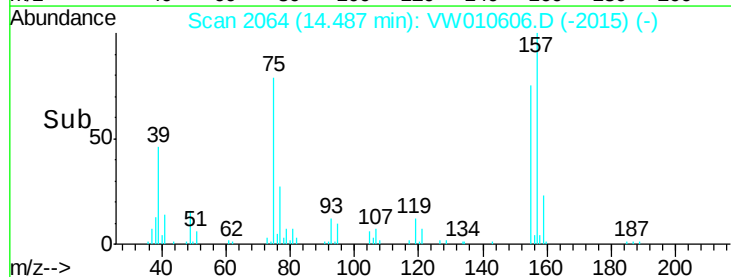
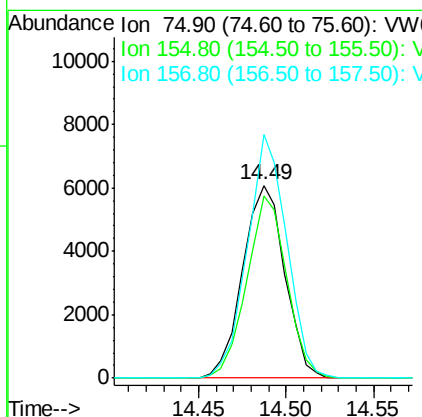
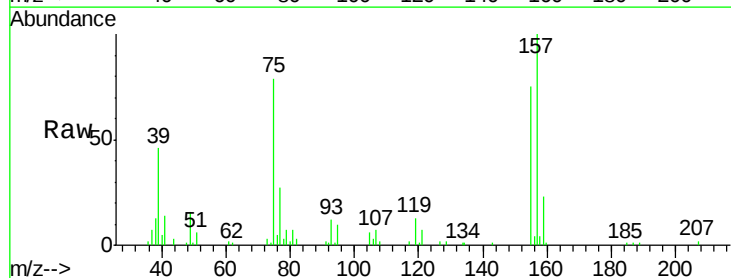
Manual Integrations
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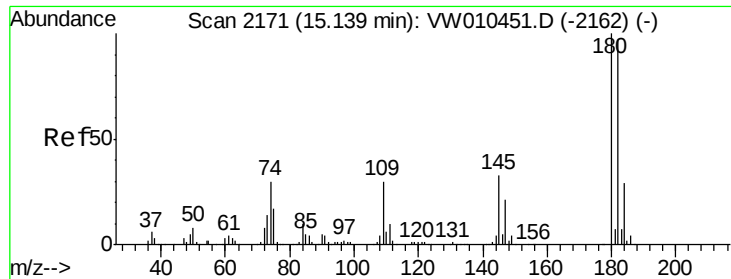
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.284 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	43.0	129.0
157	117.9	55.7	167.1





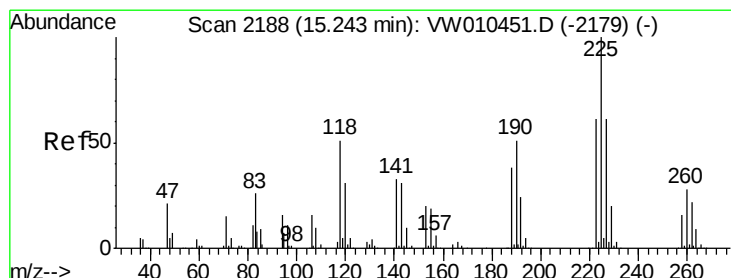
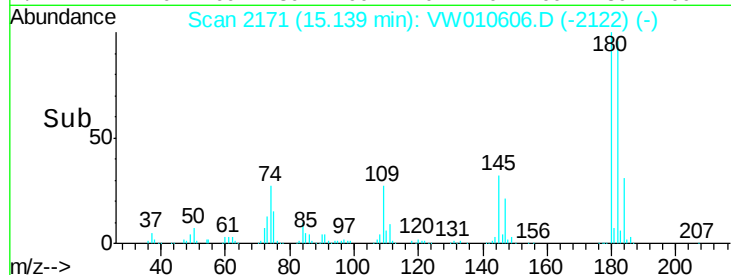
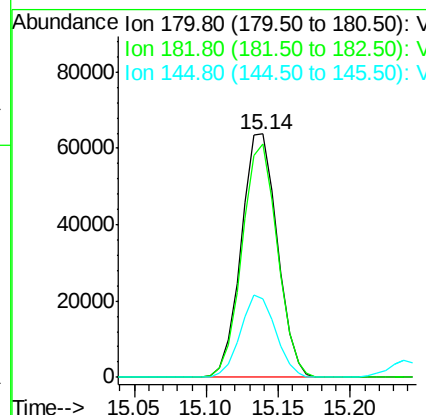
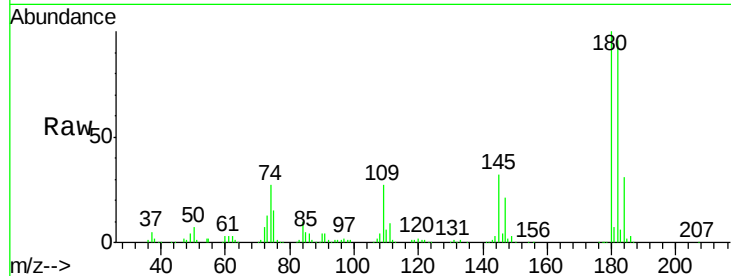
#93
 1,2,4-Trichlorobenzene
 Concen: 55.875 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	110926		
182	93.8	47.0	141.2	
145	33.1	16.7	50.0	

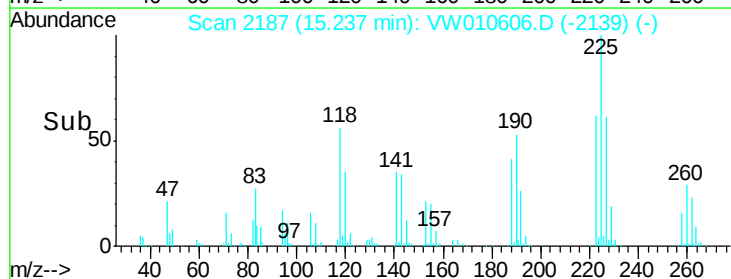
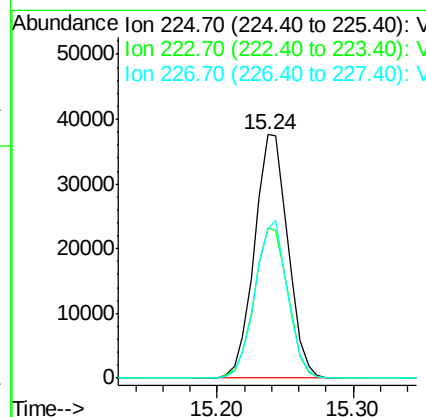
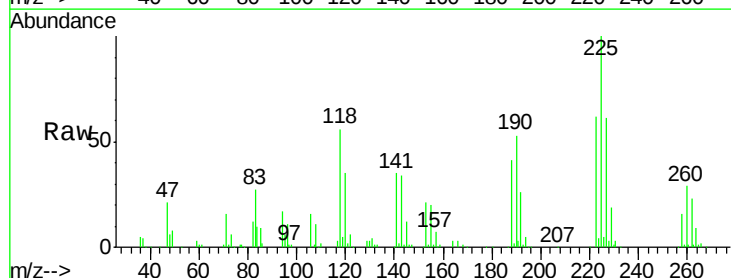
Manual Integrations
 APPROVED

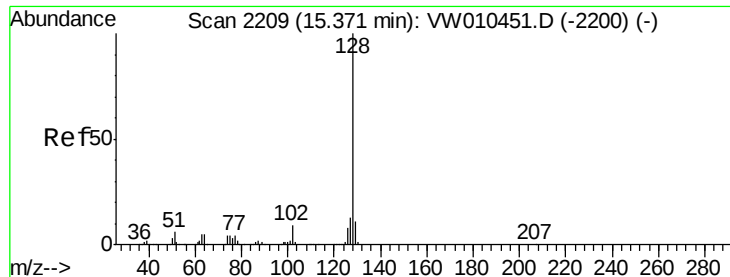
MMDadoda
 6/1/2019 4:27:12 AM



#94
 Hexachlorobutadiene
 Concen: 61.186 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010606.D
 Acq: 30 May 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64892		
223	62.3	31.1	93.2	
227	62.7	31.1	93.5	





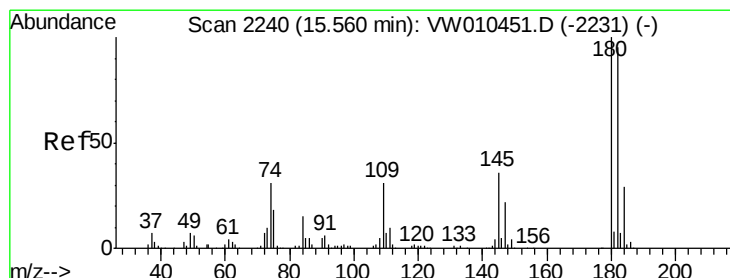
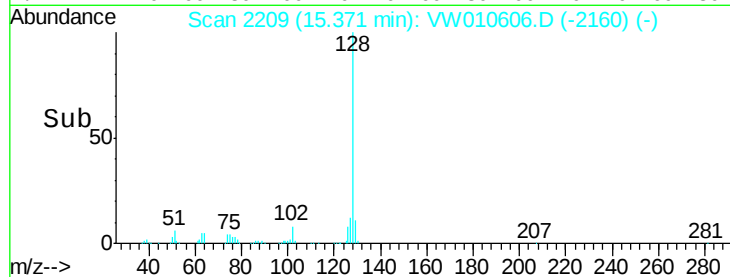
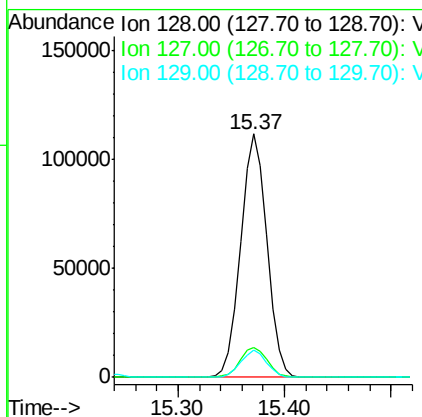
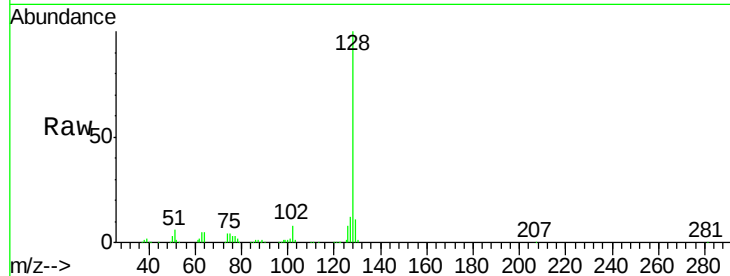
#95
Naphthalene
Concen: 46.558 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		194024		
127	12.7		10.6	15.8	
129	11.0		8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:27:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.613 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010606.D
Acq: 30 May 2019 10:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		93292		
182	93.5		47.1	141.3	
145	34.8		17.4	52.3	

