

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010810.D
 Acq On : 14 Jun 2019 13:22
 Operator : SY/VA
 Sample : VW0614SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 1:23:21 PM

Quant Time: Jun 15 06:35:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147209	59.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.20%	
35) Dibromofluoromethane	7.88	113	112593	59.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.72%	
50) Toluene-d8	10.32	98	466529	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.62	95	177144	58.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43889	22.472	ug/l	99
3) Chloromethane	2.21	50	64829	22.562	ug/l	100
4) Vinyl Chloride	2.36	62	56644	21.337	ug/l	99
5) Bromomethane	2.74	94	32122	22.034	ug/l	96
6) Chloroethane	2.90	64	34680	21.763	ug/l	96
7) Trichlorofluoromethane	3.25	101	81145	23.546	ug/l	99
8) Diethyl Ether	3.68	74	29904	24.282	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50261	23.722	ug/l	99
10) Methyl Iodide	4.27	142	40335	21.505	ug/l	97
11) Tert butyl alcohol	5.17	59	32926	162.246	ug/l	96
12) 1,1-Dichloroethene	4.03	96	47756	23.366	ug/l	99
13) Acrolein	3.89	56	7563	91.200	ug/l	96
14) Allyl chloride	4.67	41	108712	24.123	ug/l	99
15) Acrylonitrile	5.37	53	75923	126.897	ug/l	99
16) Acetone	4.12	43	79322	118.840	ug/l	98
17) Carbon Disulfide	4.37	76	139587	21.515	ug/l	98
18) Methyl Acetate	4.67	43	39087	27.204	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	145829	24.739	ug/l	97
20) Methylene Chloride	4.92	84	58287	24.892	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	54441	23.464	ug/l	95
22) Diisopropyl ether	6.31	45	228410	25.317	ug/l	98
23) Vinyl Acetate	6.26	43	679415	124.782	ug/l	100
24) 1,1-Dichloroethane	6.21	63	111380	24.634	ug/l	99
25) 2-Butanone	7.17	43	120803	130.522	ug/l	98
26) 2,2-Dichloropropane	7.17	77	93698	25.467	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	60956	23.873	ug/l	96
28) Bromochloromethane	7.51	49	50667	25.110	ug/l	95
29) Tetrahydrofuran	7.53	42	74764	128.426	ug/l	98
30) Chloroform	7.68	83	101205	24.472	ug/l	98
31) Cyclohexane	7.95	56	115146	22.910	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	88132	24.396	ug/l	100
36) 1,1-Dichloropropene	8.08	75	84176	23.531	ug/l	100
37) Ethyl Acetate	7.26	43	49928	25.187	ug/l	99
38) Carbon Tetrachloride	8.07	117	73569	23.824	ug/l	97

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105978	23.305	ug/l	99
40) Benzene	8.32	78	231957	23.769	ug/l	100
41) Methacrylonitrile	7.48	41	28888	24.517	ug/l	97
42) 1,2-Dichloroethane	8.40	62	77185	24.920	ug/l	99
43) Isopropyl Acetate	8.43	43	95934	25.050	ug/l	99
44) Trichloroethene	9.09	130	55553	23.077	ug/l	100
45) 1,2-Dichloropropane	9.37	63	63751	24.678	ug/l	98
46) Dibromomethane	9.46	93	29612	24.679	ug/l	98
47) Bromodichloromethane	9.64	83	74945	24.096	ug/l	95
48) Methyl methacrylate	9.44	41	46167	25.003	ug/l	99
49) 1,4-Dioxane	9.45	88	8914	475.168	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	254688	130.177	ug/l	99
52) Toluene	10.39	92	143264	23.860	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	78719	23.895	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	92989	23.987	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42440	24.552	ug/l	97
56) Ethyl methacrylate	10.65	69	66387	24.959	ug/l	94
57) 1,3-Dichloropropane	10.93	76	79485	24.400	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	171865	123.365	ug/l	99
59) 2-Hexanone	10.97	43	181418	128.302	ug/l	98
60) Dibromochloromethane	11.13	129	47539	24.809	ug/l	97
61) 1,2-Dibromoethane	11.24	107	39963	24.401	ug/l	99
64) Tetrachloroethene	10.86	164	47380	22.606	ug/l	96
65) Chlorobenzene	11.66	112	146587	23.614	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49913	23.228	ug/l	97
67) Ethyl Benzene	11.73	91	281179	23.569	ug/l	100
68) m/p-Xylenes	11.84	106	198382	46.452	ug/l	98
69) o-Xylene	12.16	106	95344	23.539	ug/l	96
70) Styrene	12.18	104	167968	23.872	ug/l	100
71) Bromoform	12.35	173	26842	24.153	ug/l #	97
73) Isopropylbenzene	12.46	105	270062	23.684	ug/l	99
74) N-amyl acetate	12.27	43	94884	25.747	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	52103	24.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37403m	23.472	ug/l	
77) Bromobenzene	12.75	156	58503	23.504	ug/l	98
78) n-propylbenzene	12.80	91	323226	23.508	ug/l	99
79) 2-Chlorotoluene	12.90	91	185723	23.643	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	221189	23.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16059	23.162	ug/l	95
82) 4-Chlorotoluene	12.99	91	186824	23.047	ug/l	99
83) tert-Butylbenzene	13.21	119	185671	23.440	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	220855	23.515	ug/l	100
85) sec-Butylbenzene	13.38	105	271561	23.547	ug/l	100
86) p-Isopropyltoluene	13.50	119	242153	23.480	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113395	23.624	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112360	23.612	ug/l	98
89) n-Butylbenzene	13.83	91	243947	23.707	ug/l	100
90) Hexachloroethane	14.10	117	42711	23.125	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	102702	23.792	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8974	24.074	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76114	25.127	ug/l	99
94) Hexachlorobutadiene	15.24	225	45825	24.104	ug/l	99
95) Naphthalene	15.37	128	143851	26.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	66261	25.721	ug/l	99

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

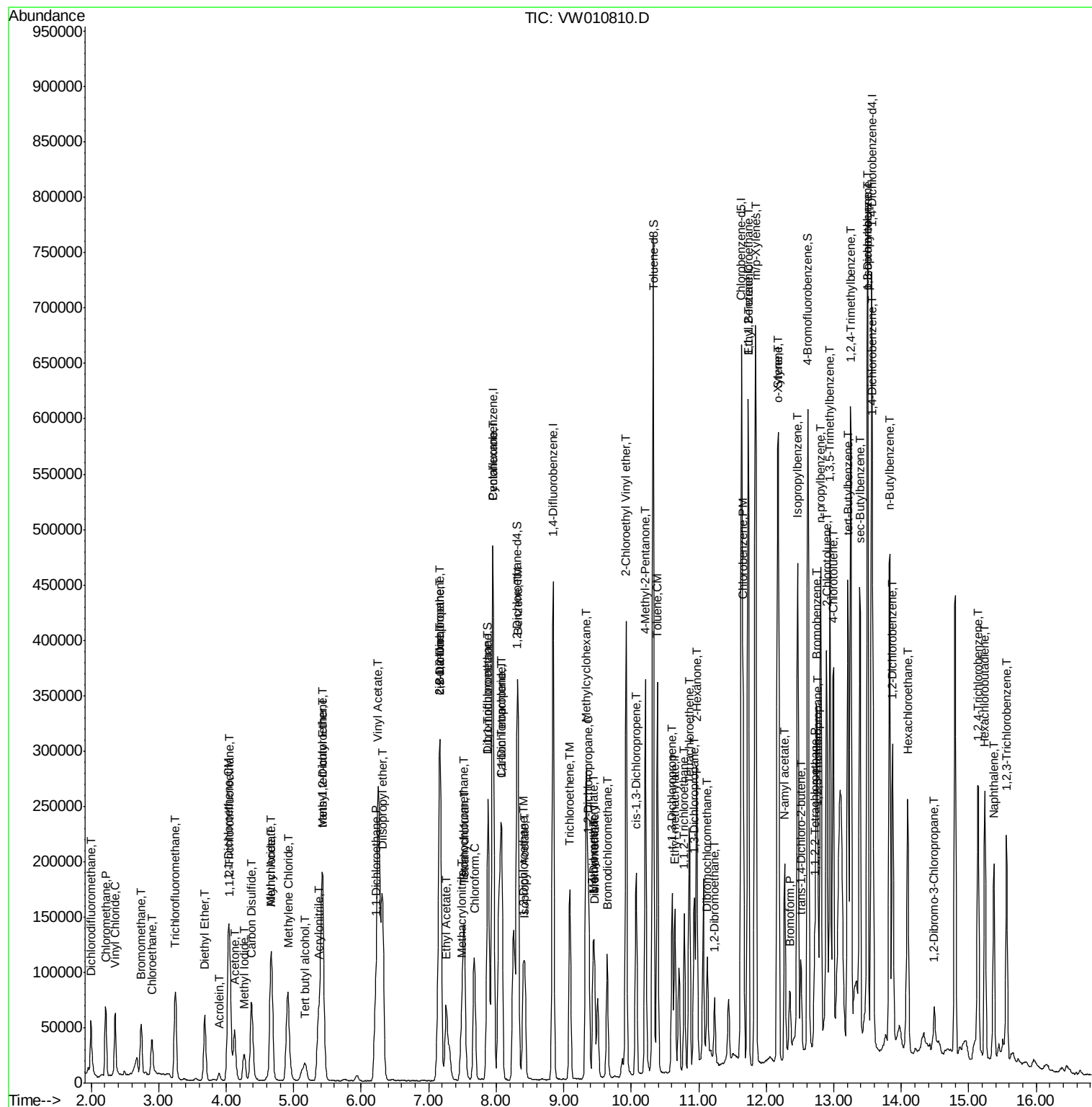
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 Data File : VW010810.D
 Acq On : 14 Jun 2019 13:22
 Operator : SY/VA
 Sample : VW0614SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

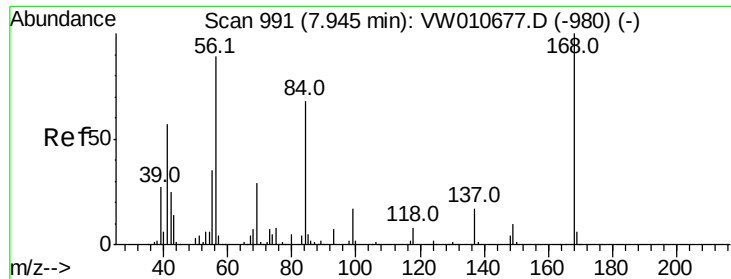
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion:168 Resp: 211343

Ion Ratio Lower Upper

168 100

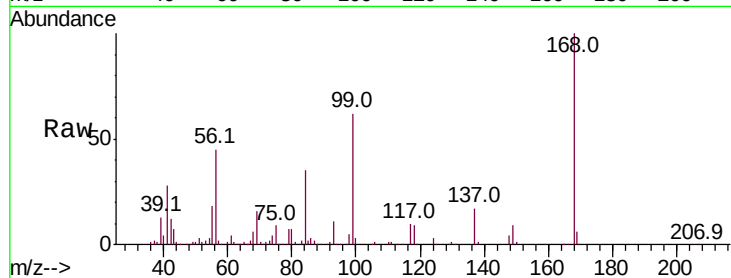
99 62.1 47.7 71.5

Manual Integrations

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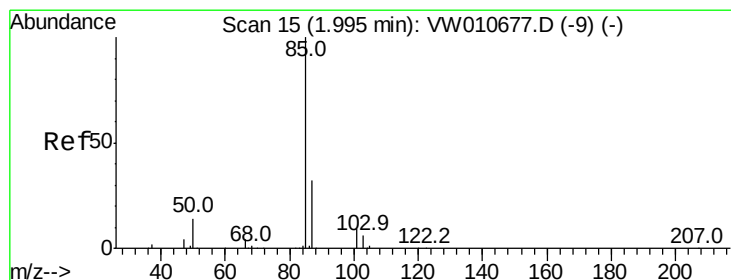
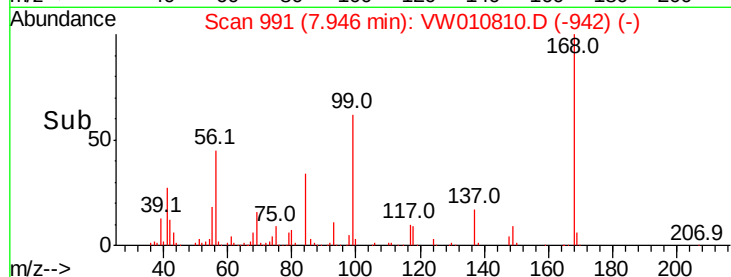
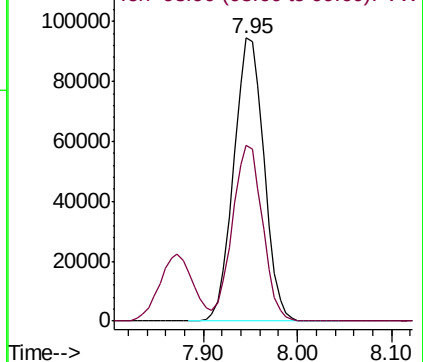
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.472 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010810.D

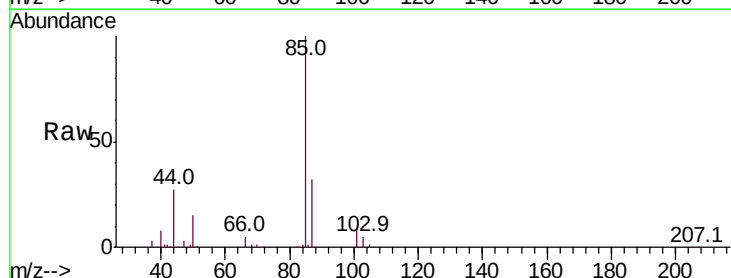
Acq: 14 Jun 2019 13:22

Tgt Ion: 85 Resp: 43889

Ion Ratio Lower Upper

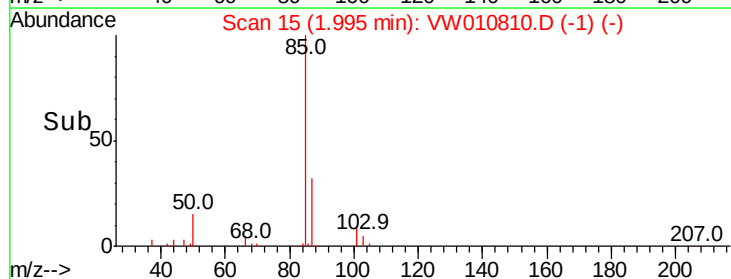
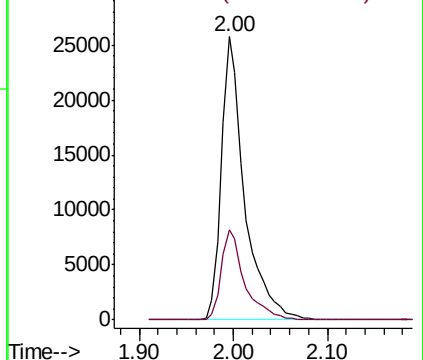
85 100

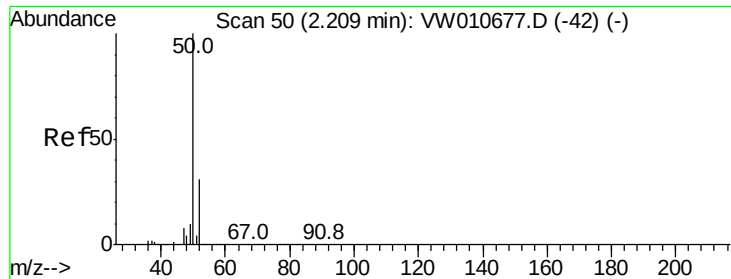
87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.562 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion: 50 Resp: 64829

Ion Ratio Lower Upper

50 100

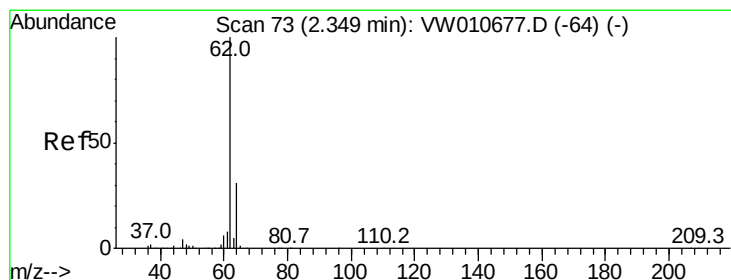
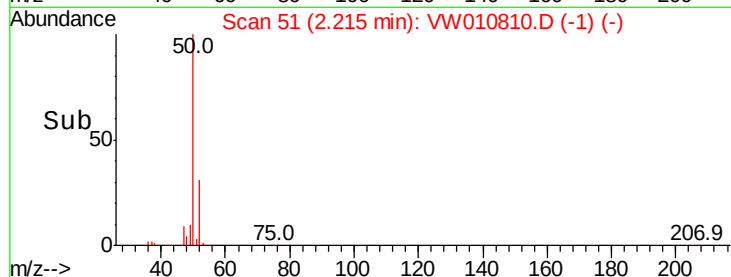
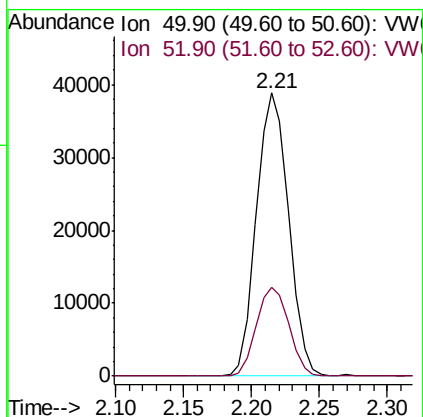
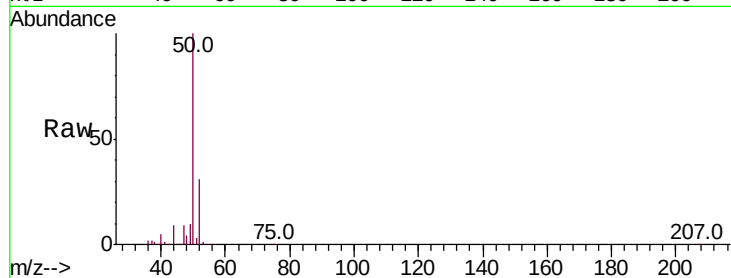
52 31.2 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.337 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010810.D

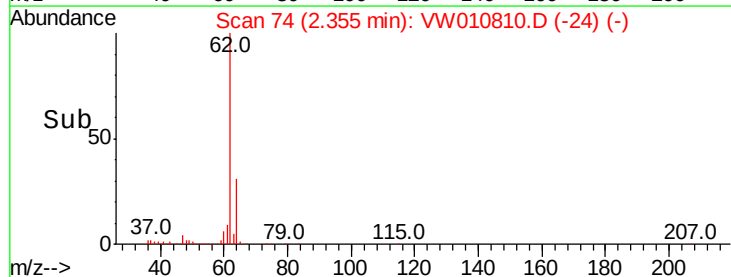
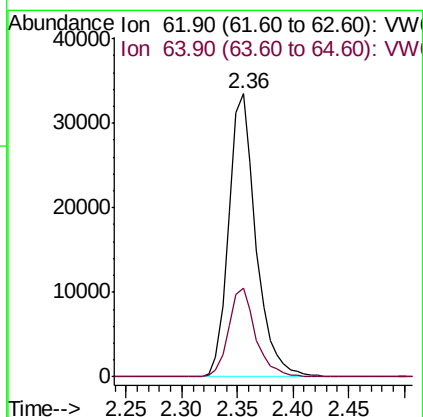
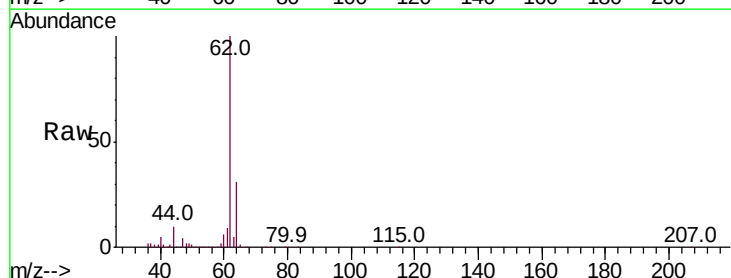
Acq: 14 Jun 2019 13:22

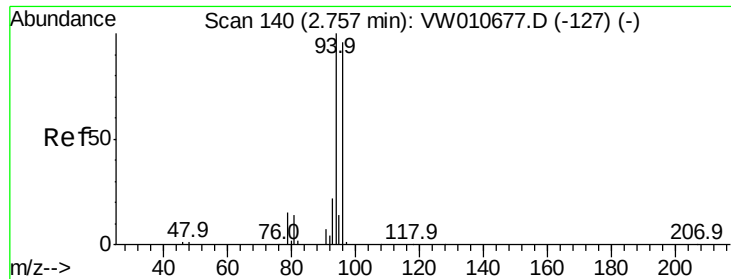
Tgt Ion: 62 Resp: 56644

Ion Ratio Lower Upper

62 100

64 31.4 24.5 36.7





#5

Bromomethane

Concen: 22.034 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion: 94 Resp: 32122

Ion Ratio Lower Upper

94 100

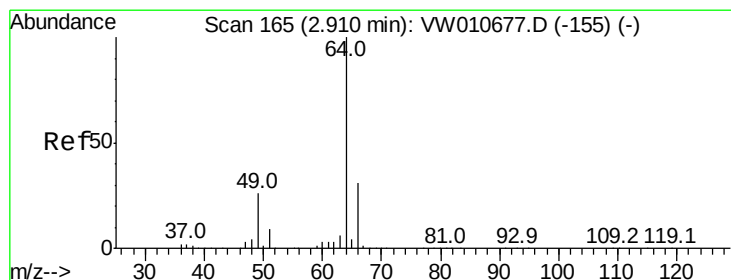
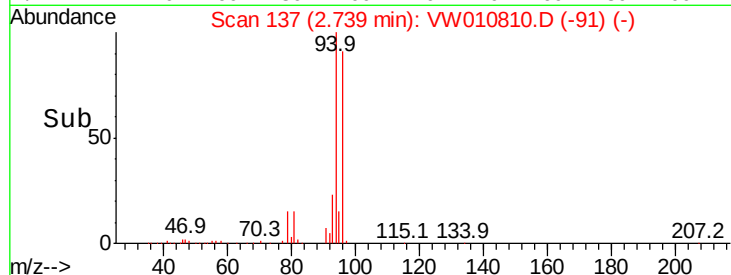
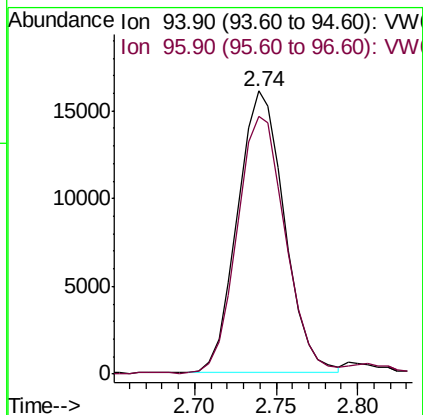
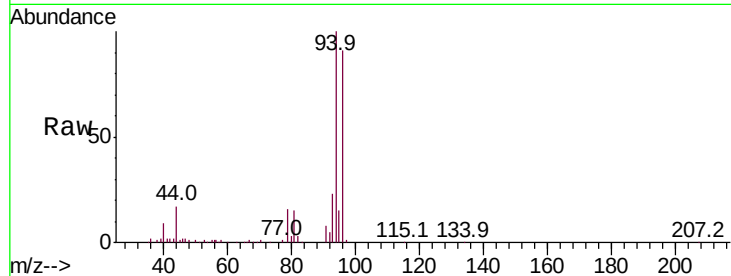
96 91.2 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 21.763 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010810.D

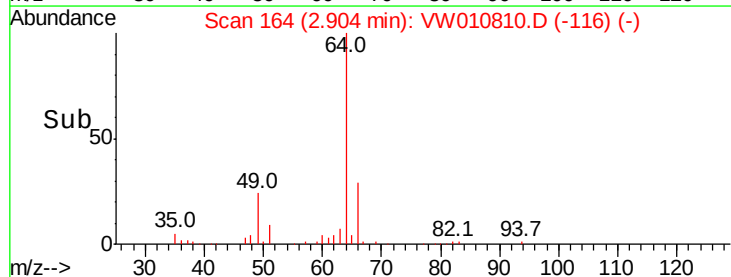
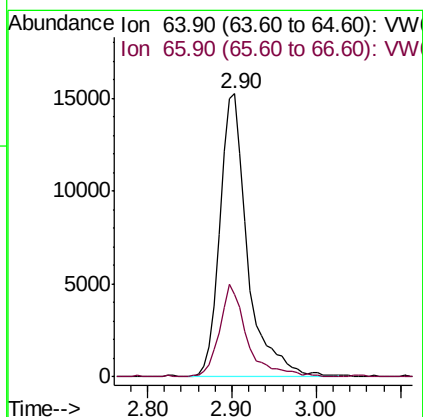
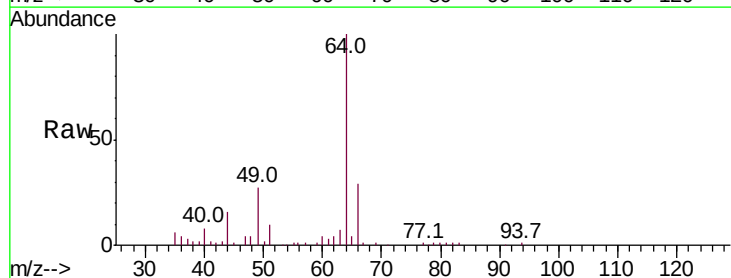
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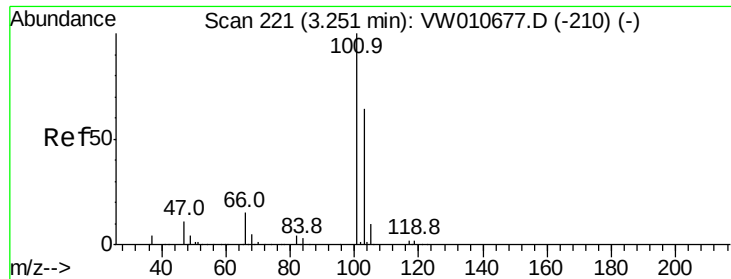
Tgt Ion: 64 Resp: 34680

Ion Ratio Lower Upper

64 100

66 29.2 25.1 37.7





#7

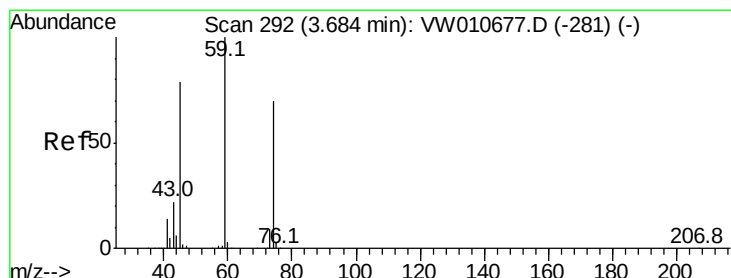
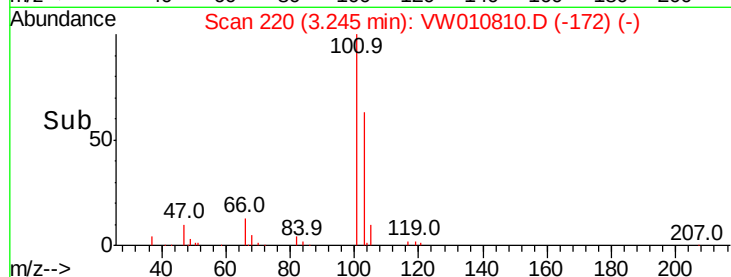
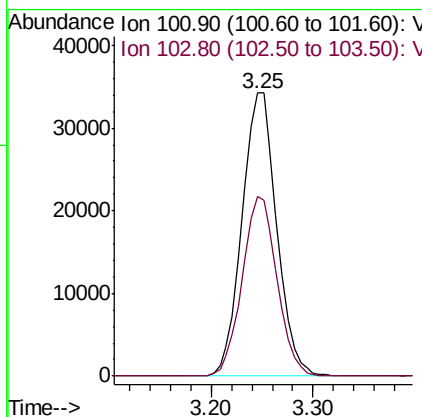
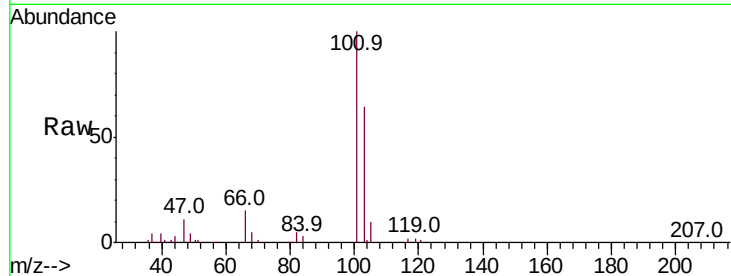
Trichlorofluoromethane
Concen: 23.546 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.2	76.8

Manual Integrations
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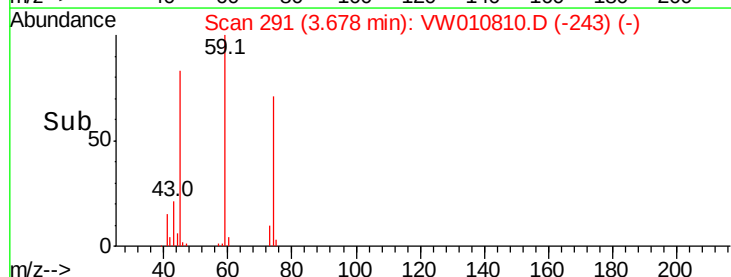
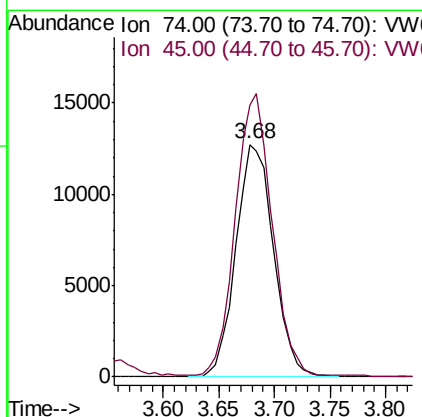
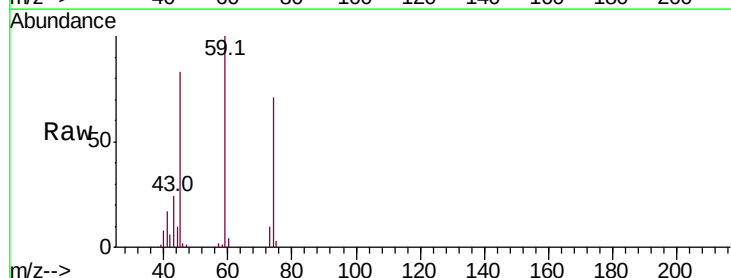
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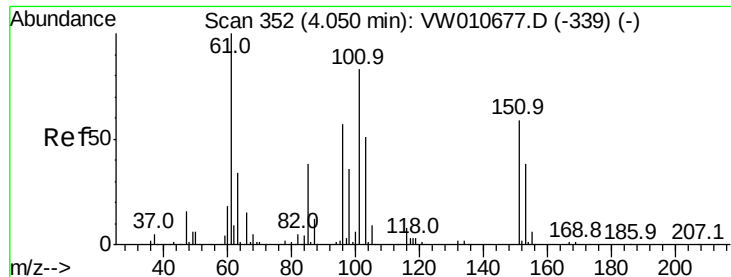


#8

Diethyl Ether
Concen: 24.282 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.9	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.722 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

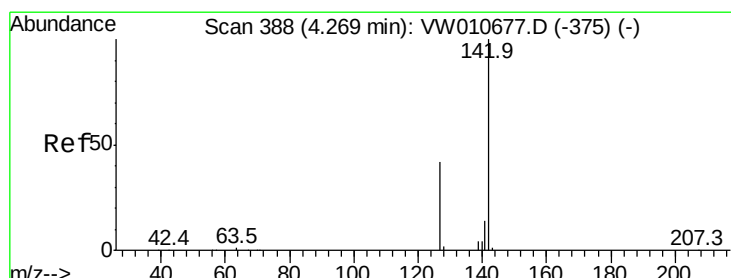
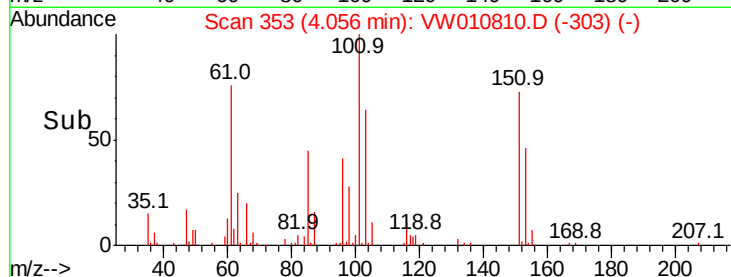
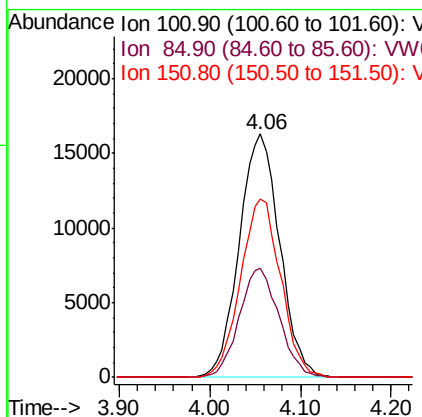
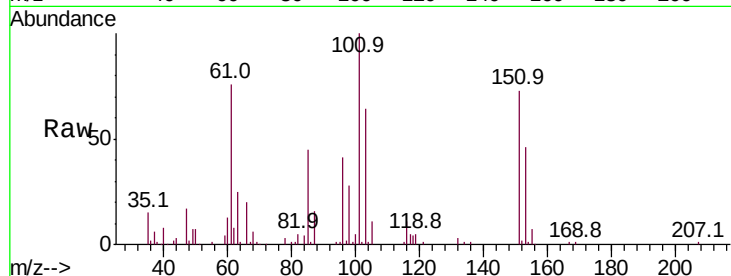
ClientSampleId :

VW0614SBS01

Tot Ion:	101	Resp:	50261
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.8	53.8
151	72.9	58.1	87.1

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#10

Methyl Iodide

Concen: 21.505 ug/l

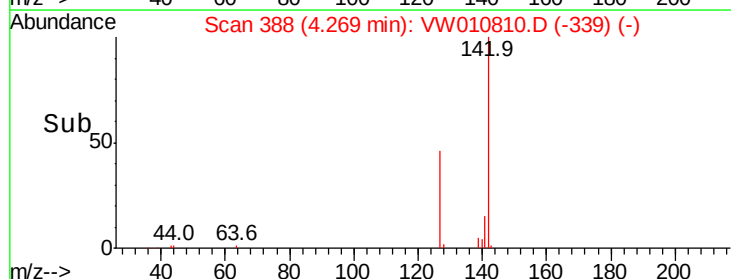
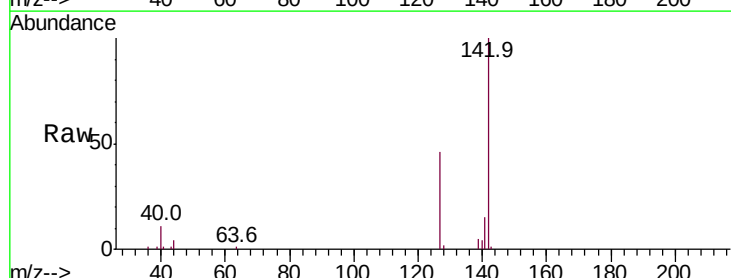
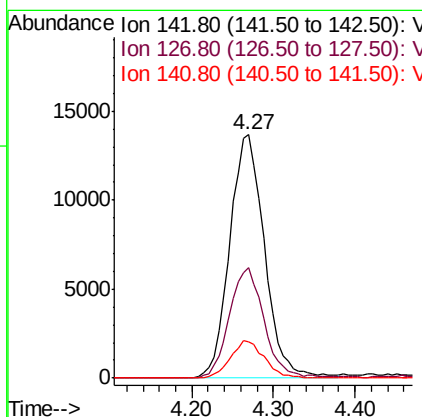
RT: 4.27 min Scan# 388

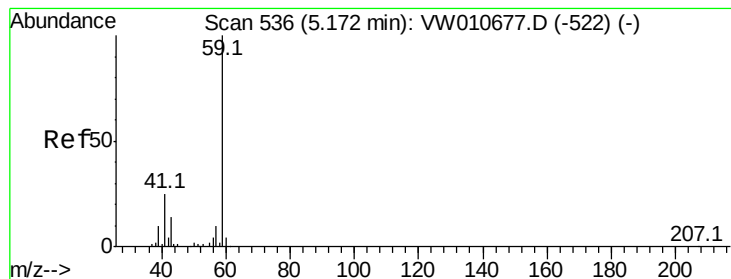
Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion:	142	Resp:	40335
Ion Ratio	Lower	Upper	
142	100		
127	45.1	34.6	51.8
141	15.0	11.6	17.4





#11

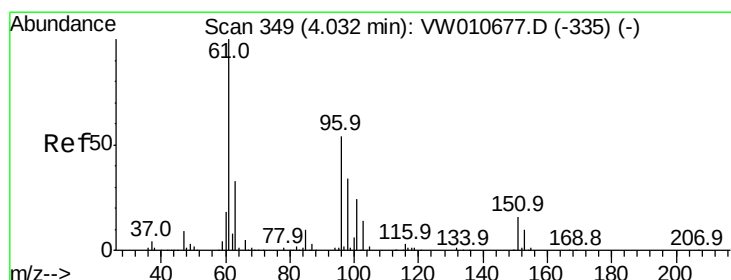
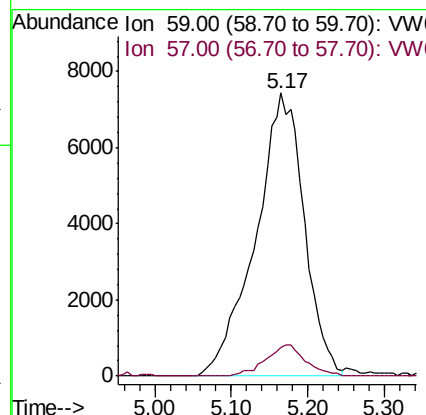
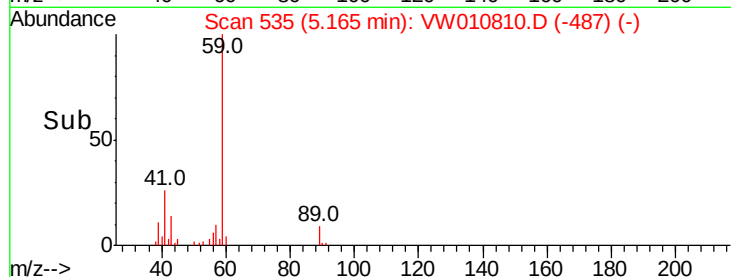
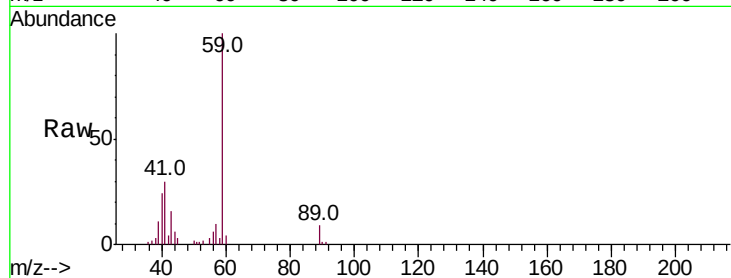
Tert butyl alcohol
Concen: 162.246 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.6	12.8

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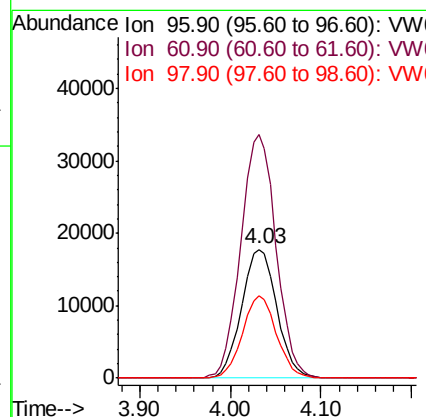
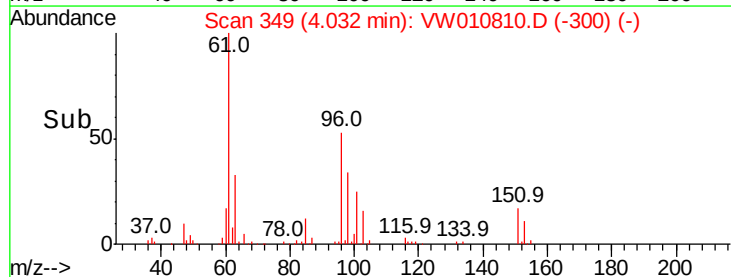
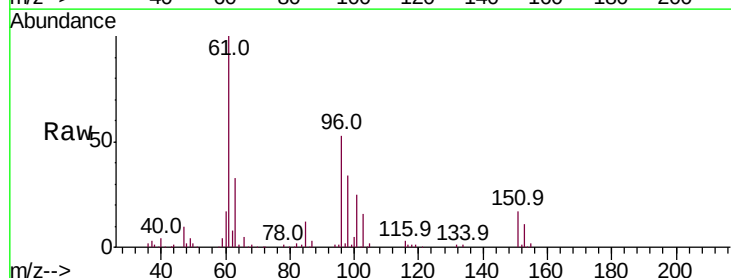
MMDadoda
6/17/2019 1:23:21 PM

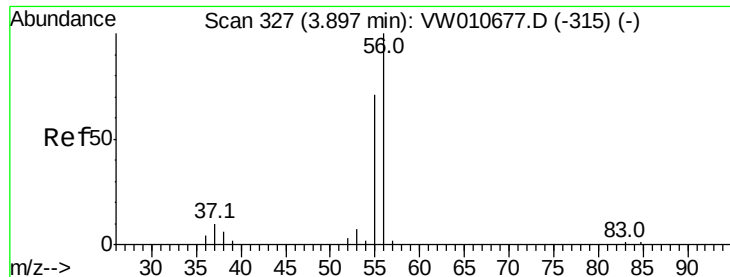


#12

1,1-Dichloroethene
Concen: 23.366 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	188.7	149.1	223.7
98	63.9	51.1	76.7





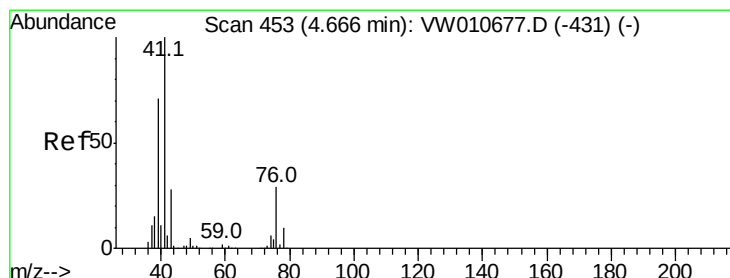
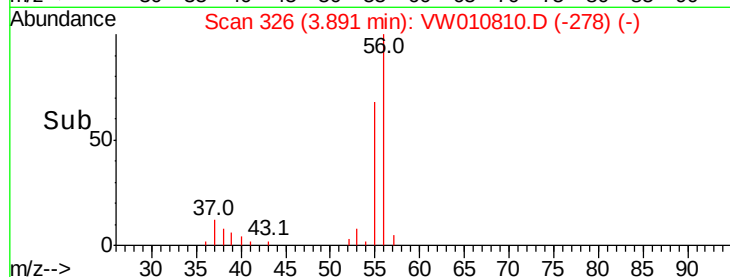
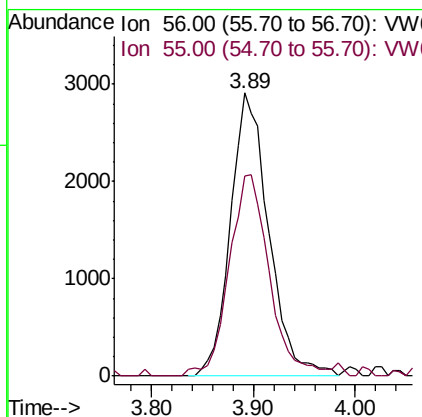
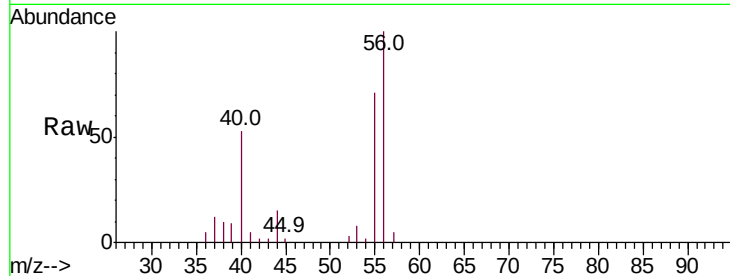
#13
Acrolein
Concen: 91.200 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion: 56 Resp: 7563
Ion Ratio Lower Upper
56 100
55 75.0 57.6 86.4

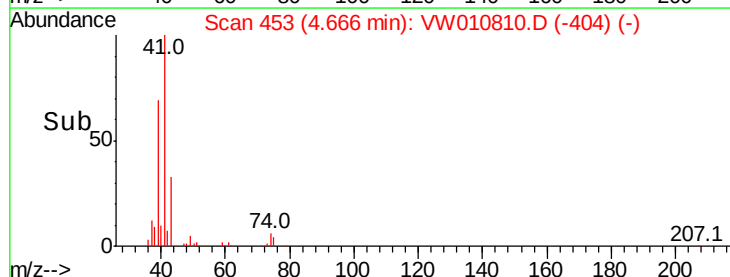
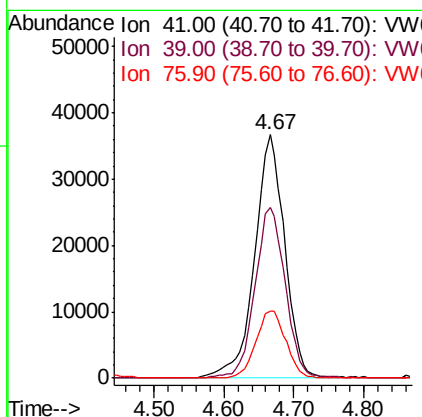
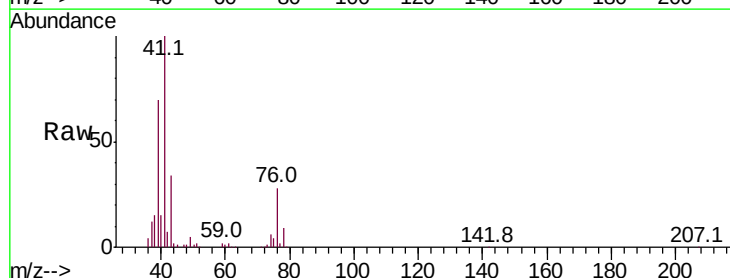
Manual Integrations
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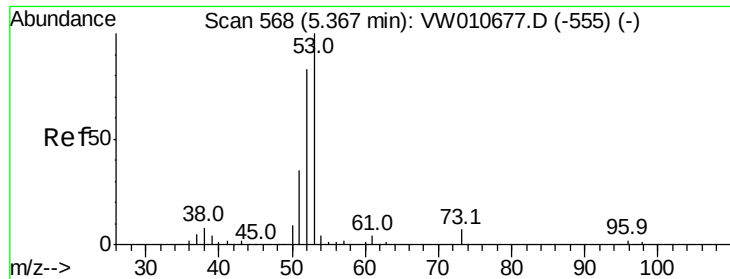
MMDadoda
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#14
Allyl chloride
Concen: 24.123 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 41 Resp: 108712
Ion Ratio Lower Upper
41 100
39 70.2 55.8 83.6
76 27.8 22.7 34.1





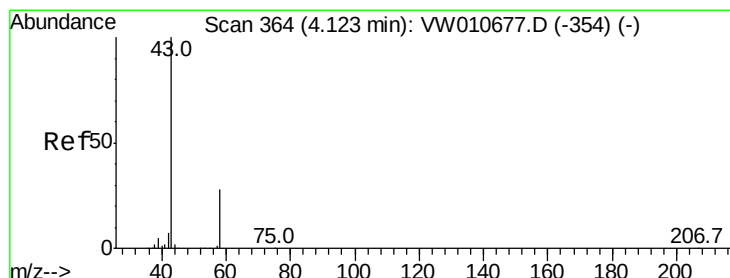
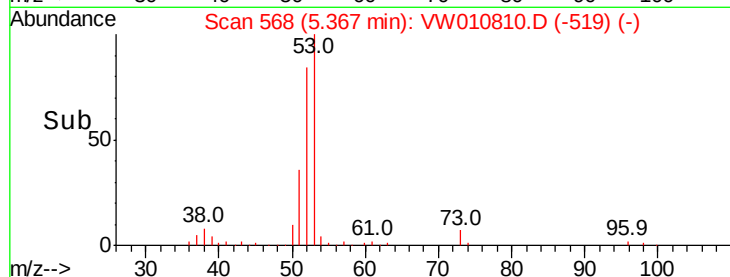
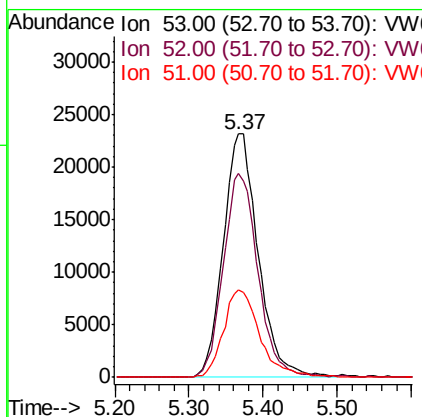
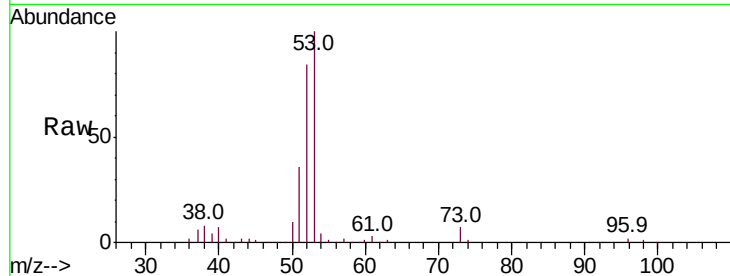
#15
 Acrylonitrile
 Concen: 126.897 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	100.0
51	37.6	29.8	44.8

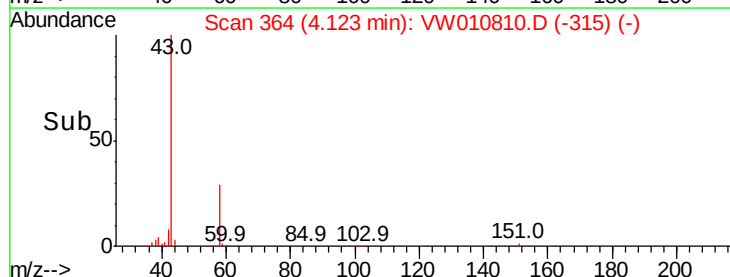
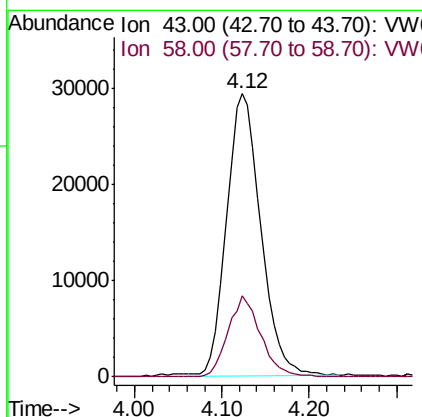
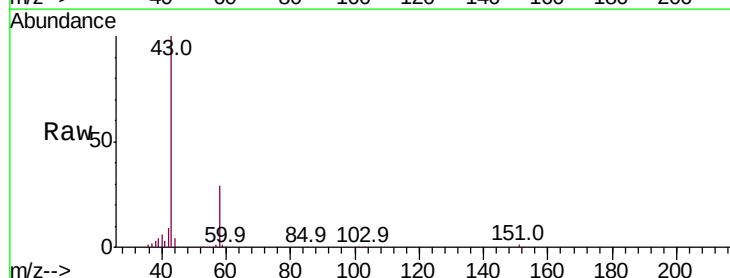
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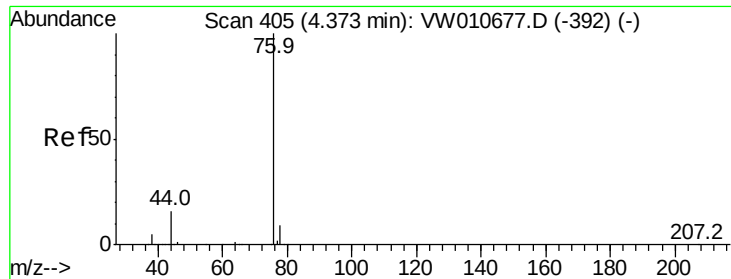
MMDadoda
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#16
 Acetone
 Concen: 118.840 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.1	33.1





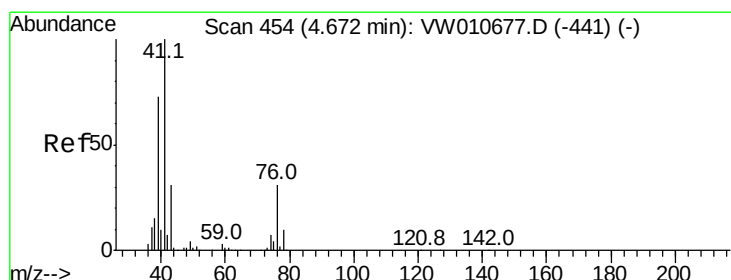
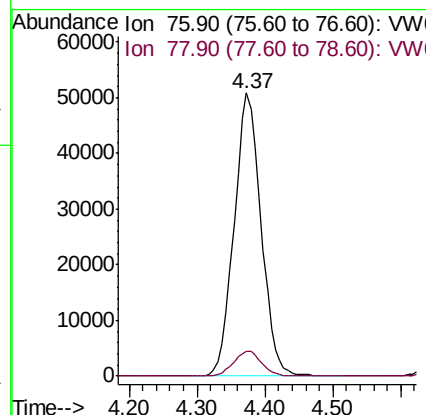
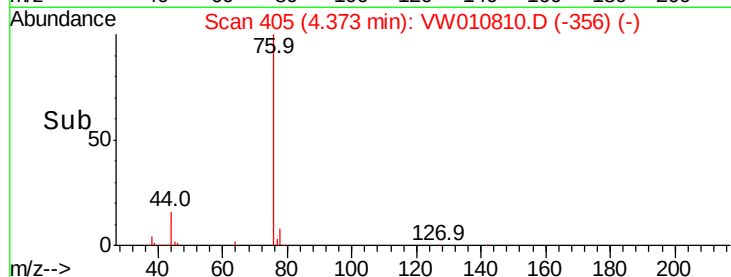
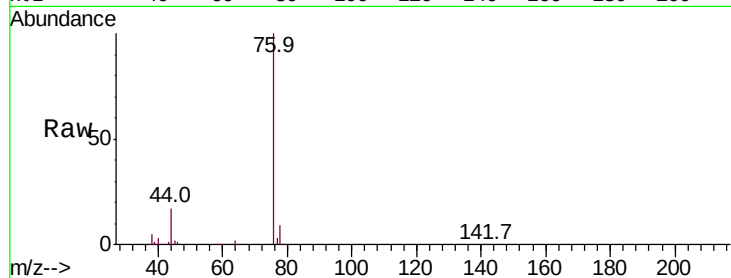
#17
Carbon Disulfide
Concen: 21.515 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

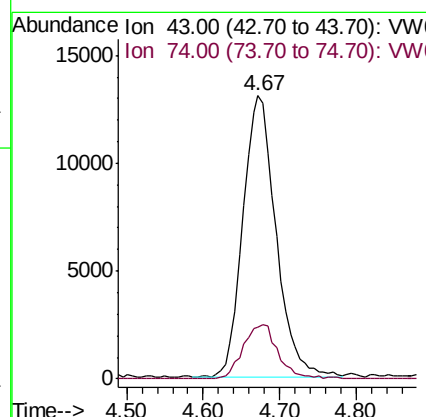
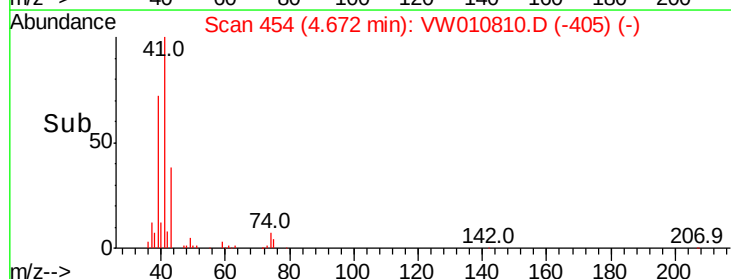
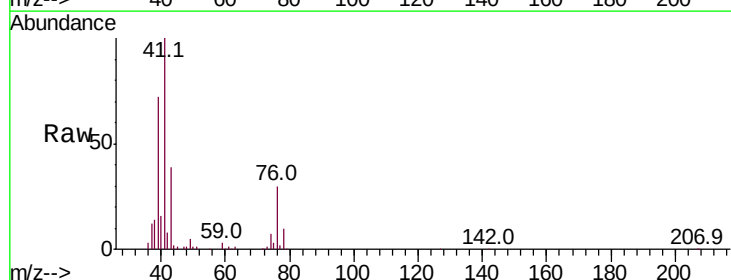
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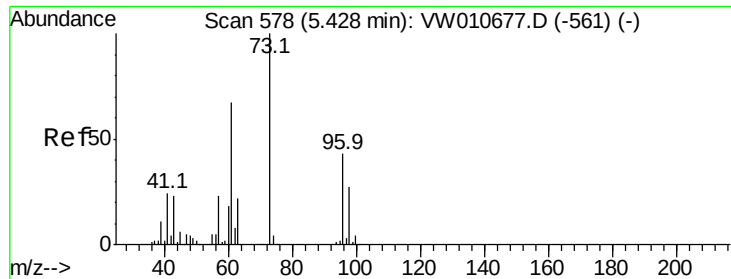
MMDadoda
6/17/2019 1:23:21 PM



#18
Methyl Acetate
Concen: 27.204 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	16.7	25.1





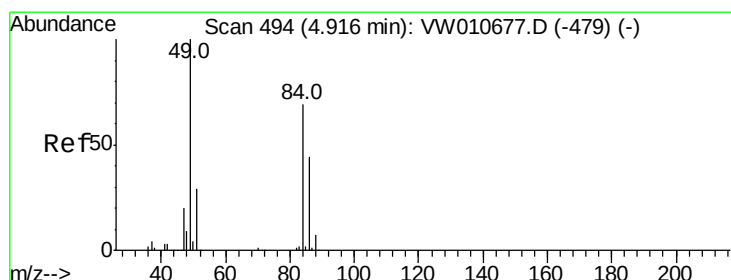
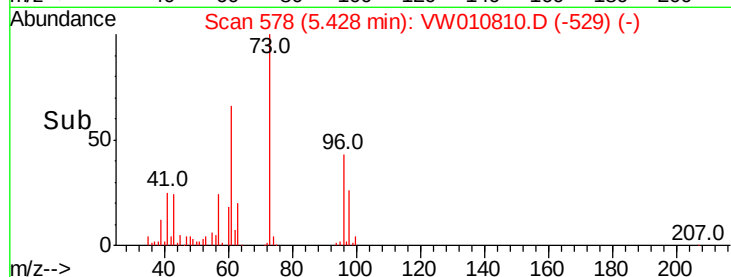
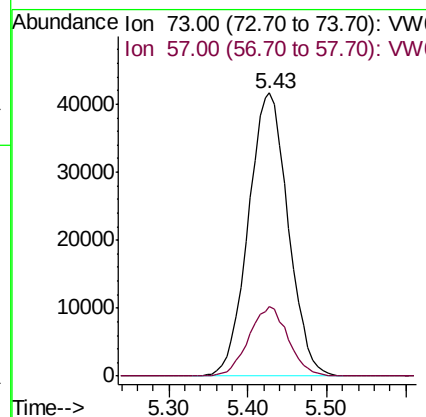
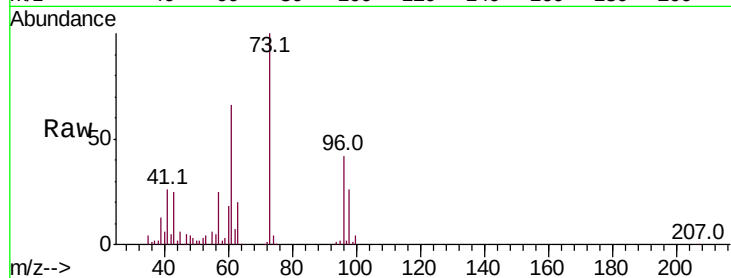
#19
Methyl tert-butyl Ether
Concen: 24.739 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion: 73 Resp: 145829
Ion Ratio Lower Upper
73 100
57 24.5 18.6 27.8

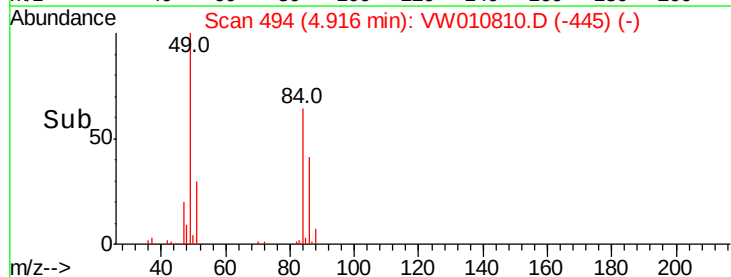
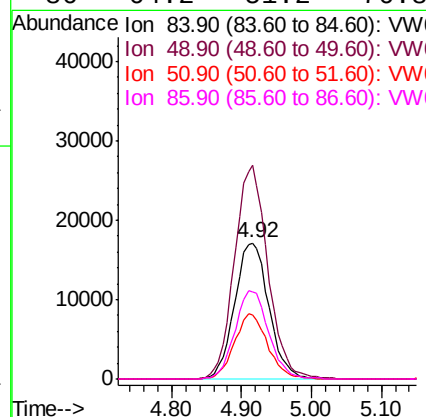
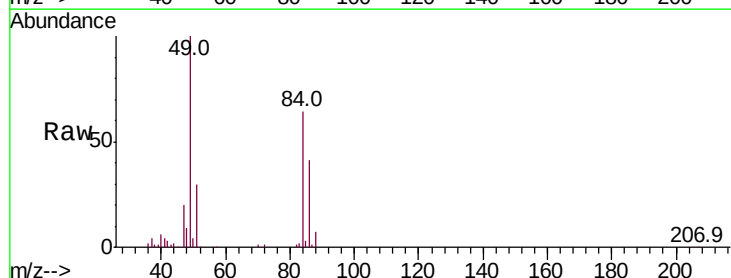
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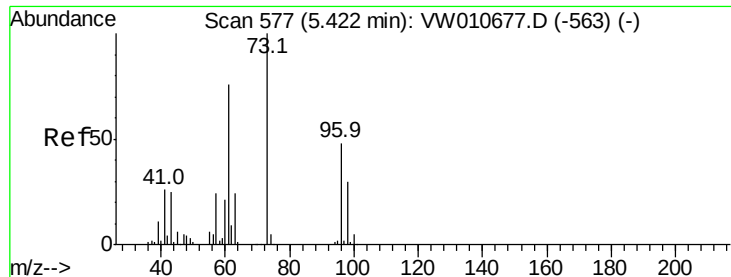
MMDadoda
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#20
Methylene Chloride
Concen: 24.892 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 84 Resp: 58287
Ion Ratio Lower Upper
84 100
49 156.8 116.7 175.1
51 47.0 34.2 51.2
86 64.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 23.464 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

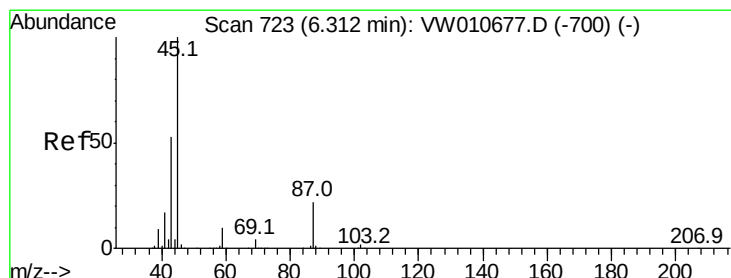
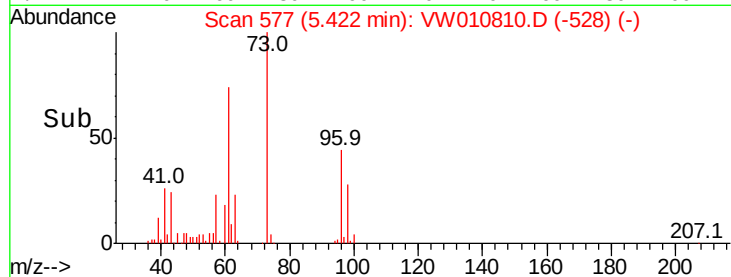
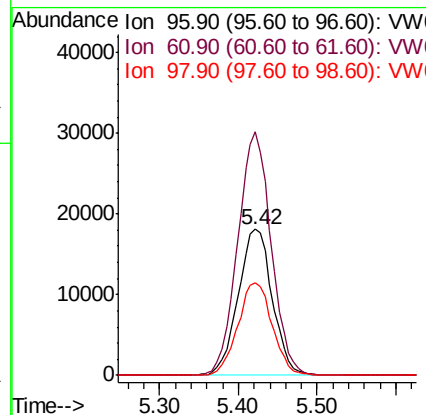
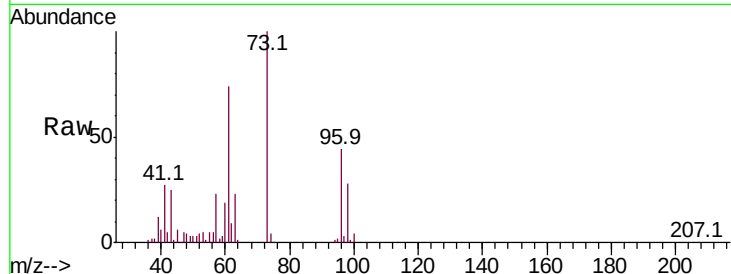
ClientSampleId :

VW0614SBSD01

Tot Ion:	96	Resp:	54441
Ion	Ratio	Lower	Upper
96	100		
61	166.5	126.0	189.0
98	63.2	49.6	74.4

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#22

Diisopropyl ether

Concen: 25.317 ug/l

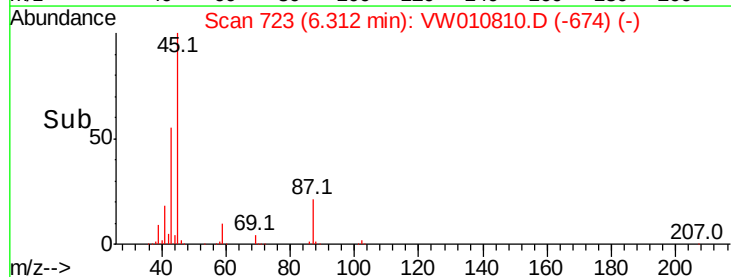
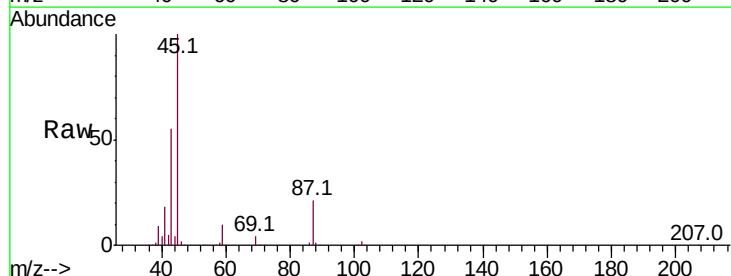
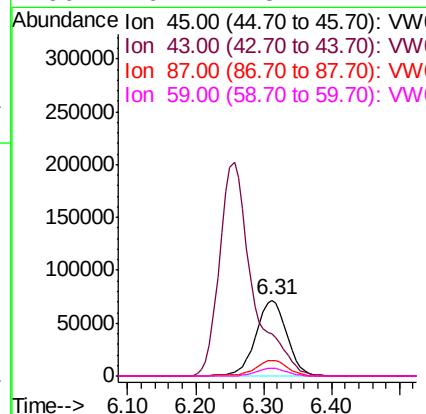
RT: 6.31 min Scan# 723

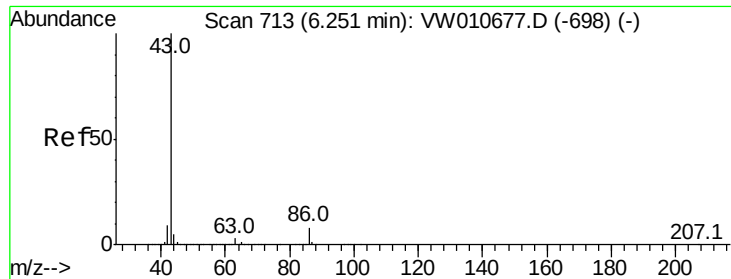
Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion:	45	Resp:	228410
Ion	Ratio	Lower	Upper
45	100		
43	54.7	42.5	63.7
87	20.7	17.4	26.2
59	10.1	8.1	12.1





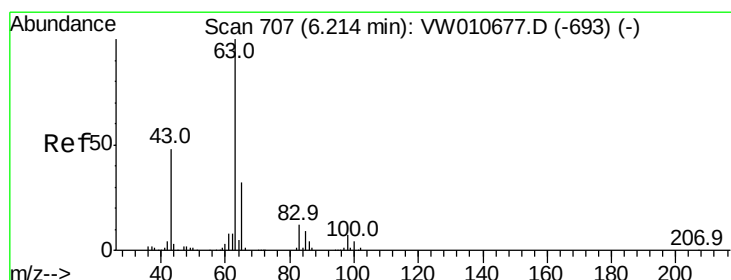
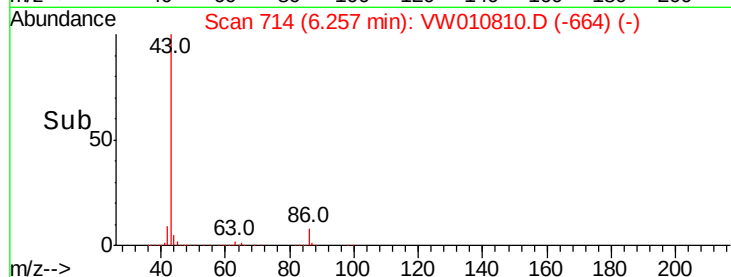
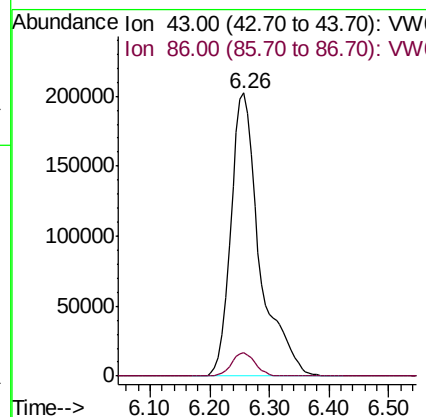
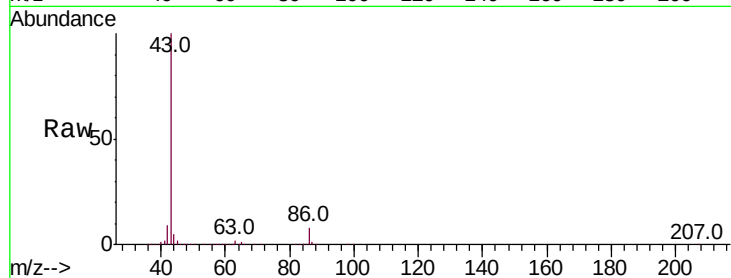
#23
 Vinyl Acetate
 Concen: 124.782 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	679415		
86	8.2	6.6	10.0	

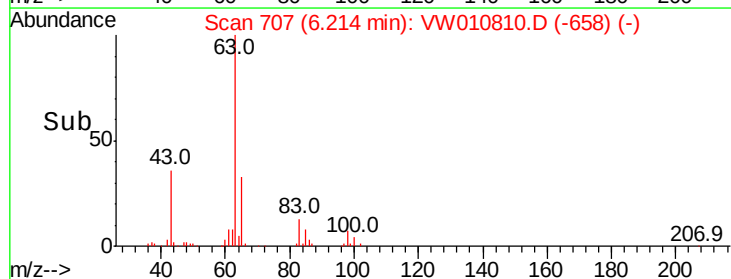
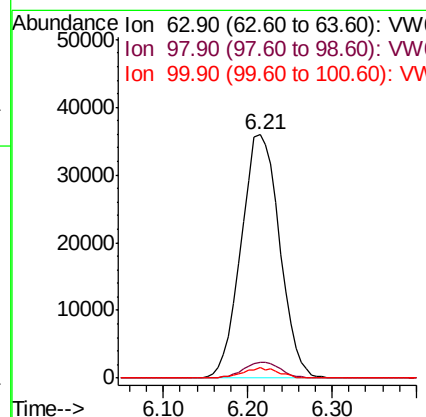
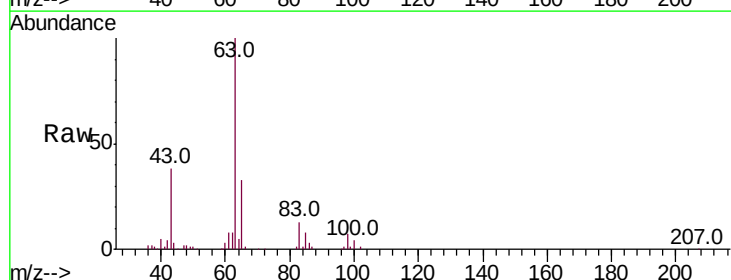
Manual Integrations
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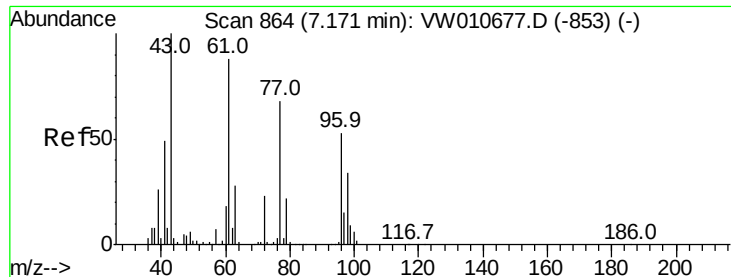
MMDadoda
 6/17/2019 1:23:21 PM



#24
 1,1-Dichloroethane
 Concen: 24.634 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	111380		
98	6.5	3.4	10.2	
100	4.4	2.1	6.3	





#25

2-Butanone

Concen: 130.522 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion: 43 Resp: 120803

Ion Ratio Lower Upper

43 100

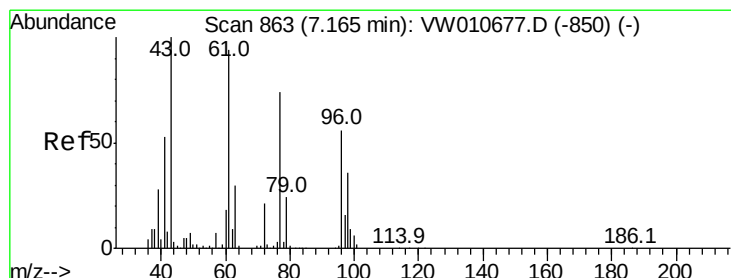
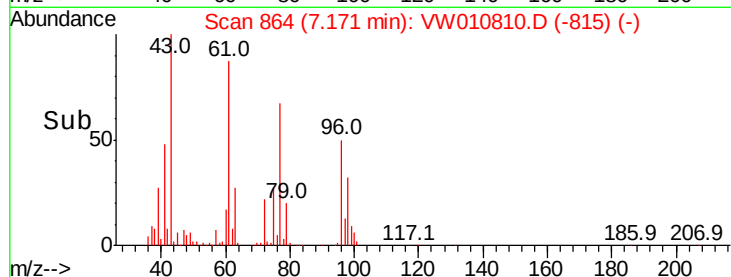
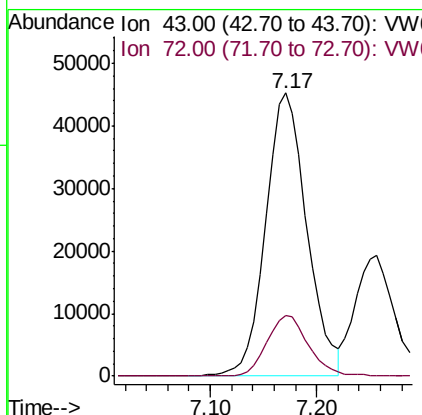
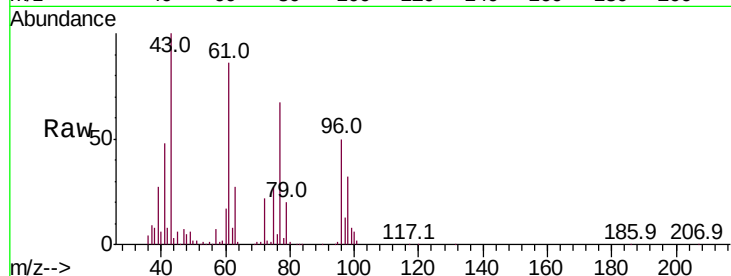
72 21.7 18.1 27.1

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 25.467 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010810.D

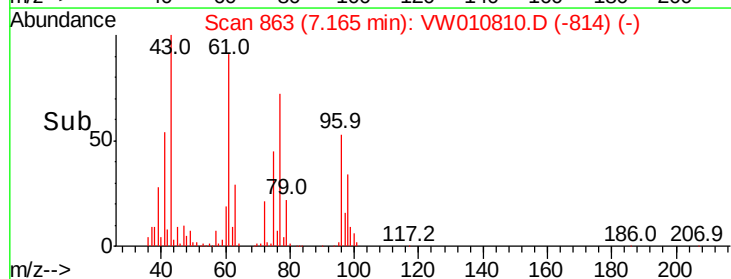
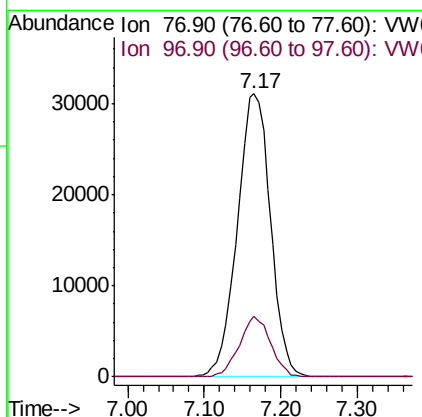
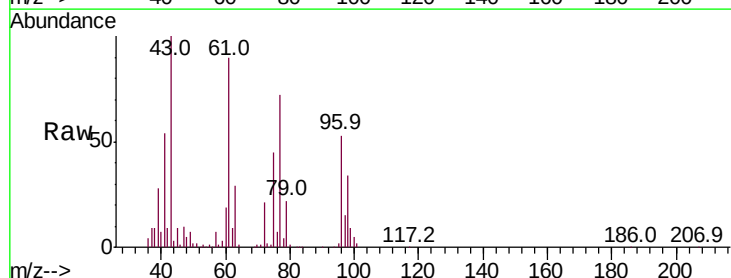
Acq: 14 Jun 2019 13:22

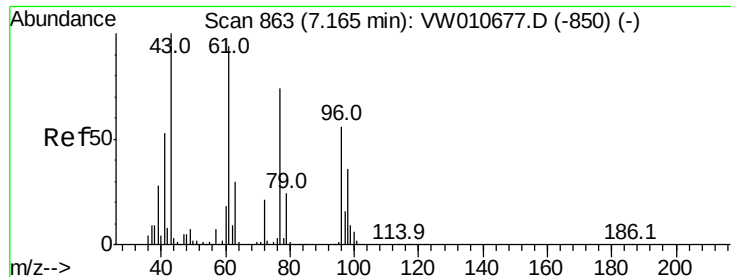
Tgt Ion: 77 Resp: 93698

Ion Ratio Lower Upper

77 100

97 20.1 10.5 31.6





#27

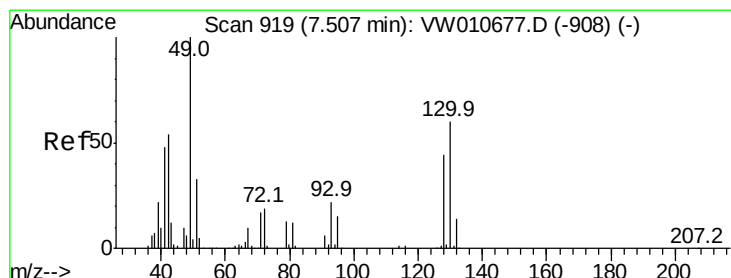
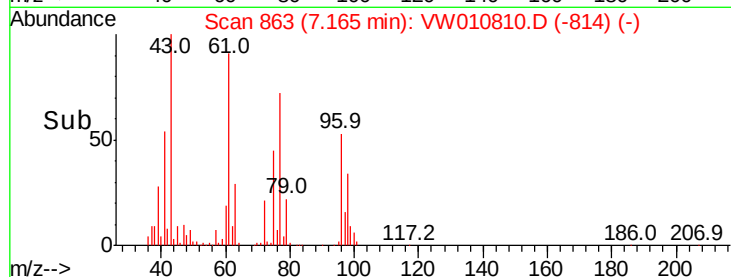
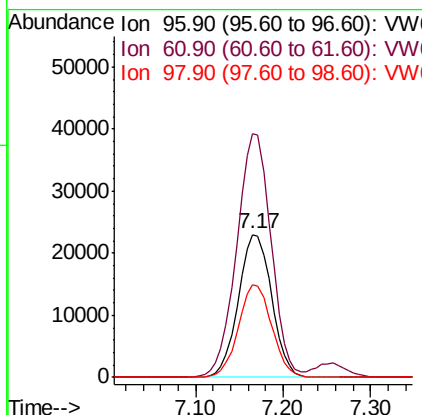
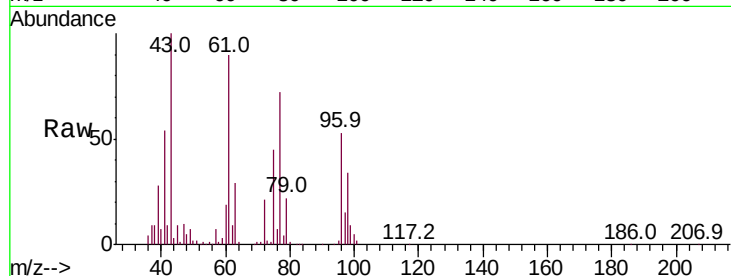
cis-1,2-Dichloroethene
Concen: 23.873 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	176.0	0.0	336.4
98	64.7	0.0	128.0

Manual Integrations
APPROVED

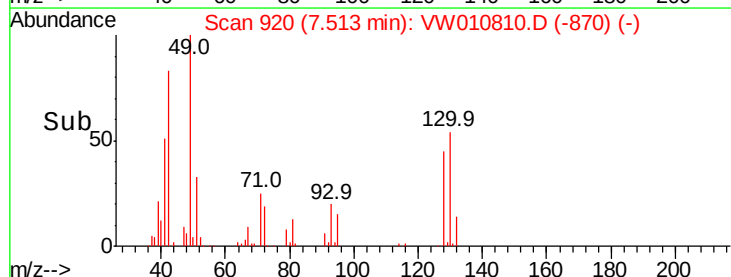
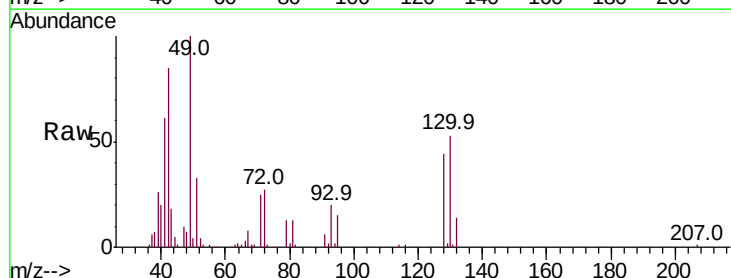
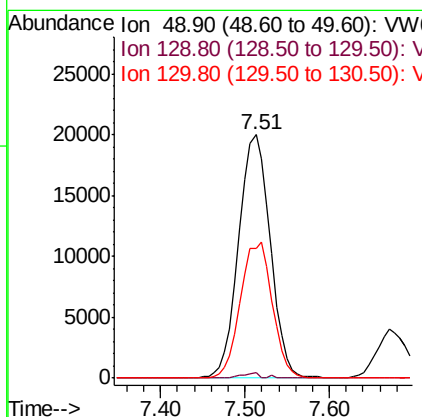
MMDadoda
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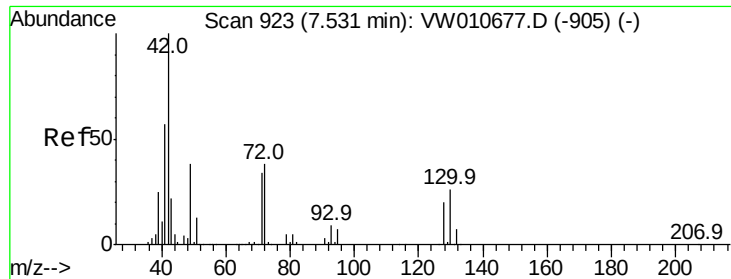


#28

Bromochloromethane
Concen: 25.110 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	56.4	48.3	72.5





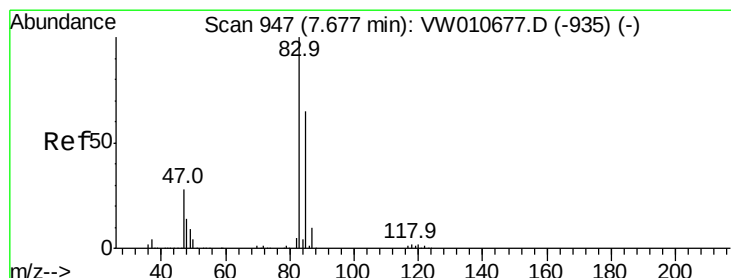
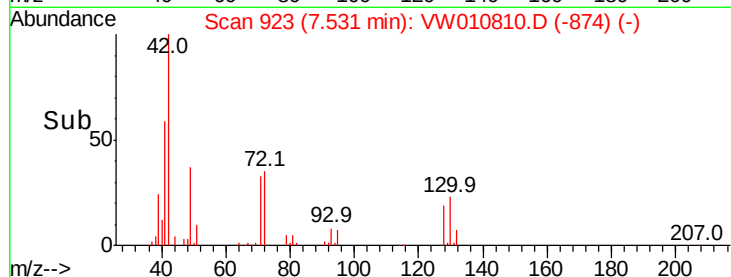
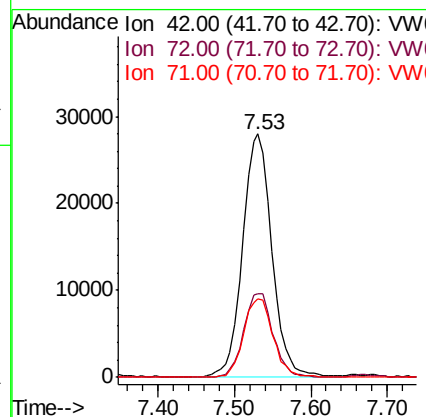
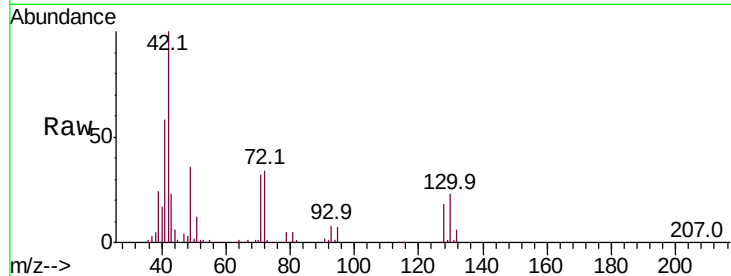
#29
Tetrahydrofuran
Concen: 128.426 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.6	28.7	43.1
71	32.6	26.6	39.8

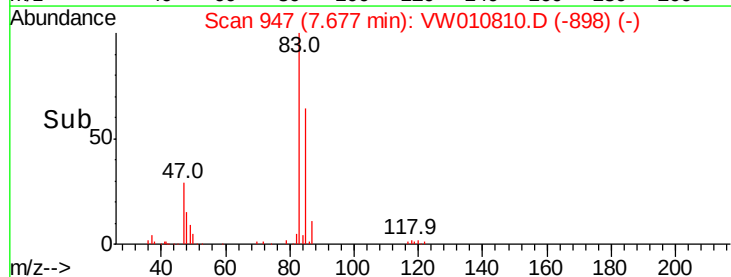
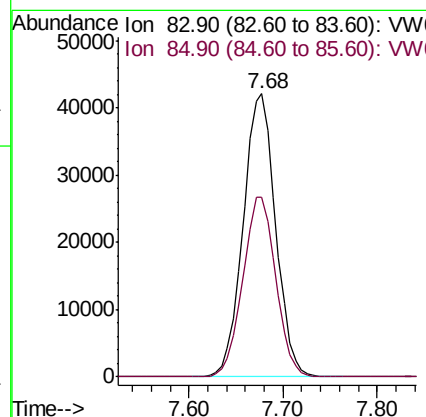
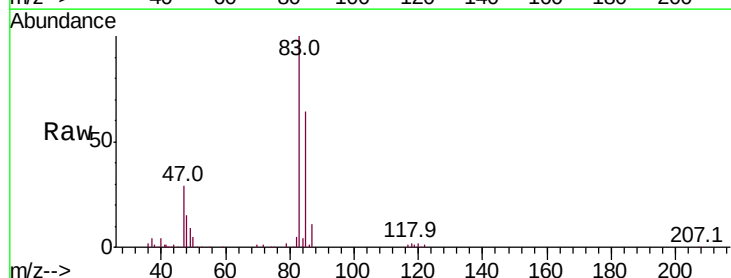
Manual Integrations
APPROVED

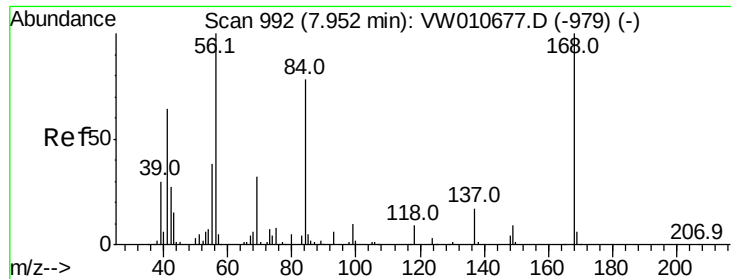
MMDadoda
6/17/2019 1:23:21 PM



#30
Chloroform
Concen: 24.472 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.8	77.8





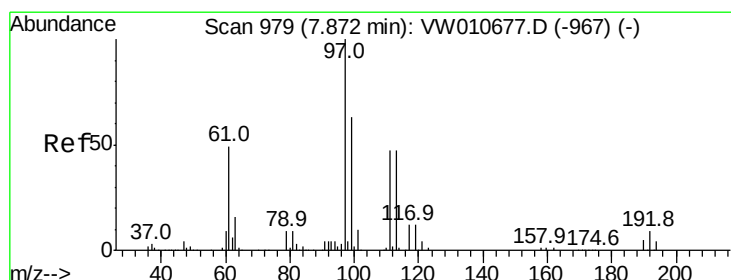
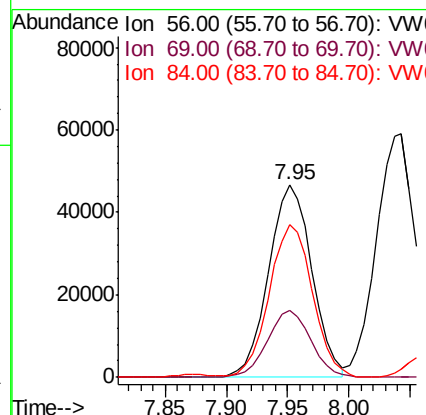
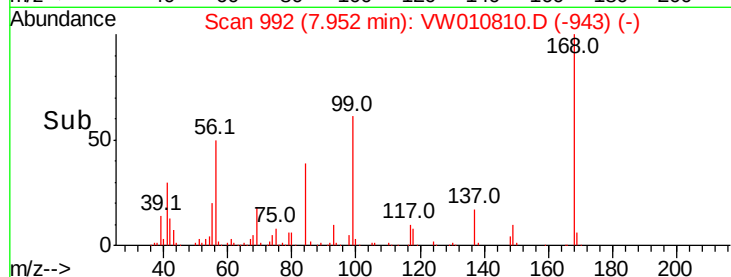
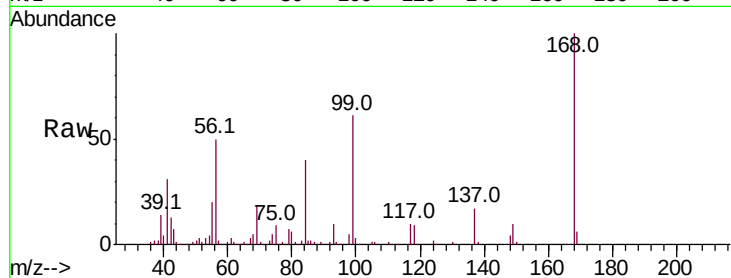
#31
Cyclohexane
Concen: 22.910 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	25.2	37.8
84	78.0	62.2	93.2

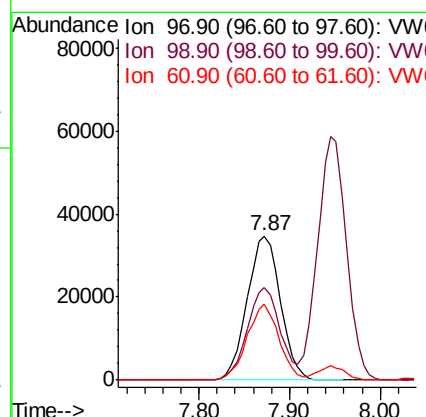
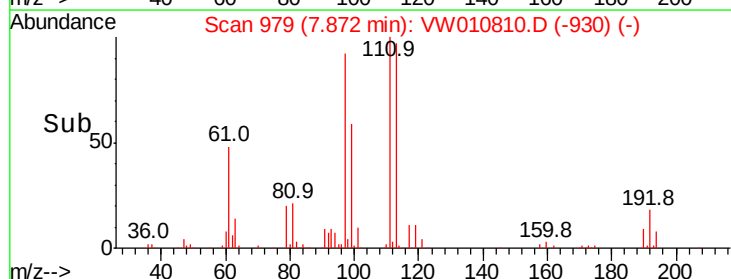
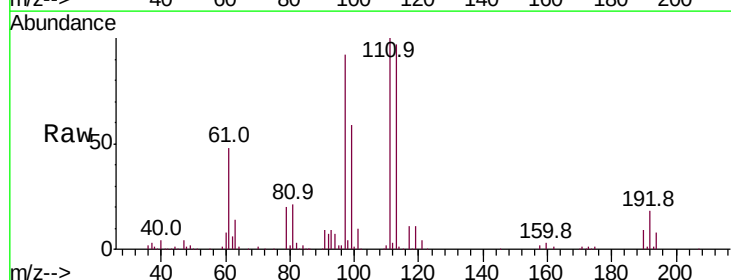
Manual Integrations
APPROVED

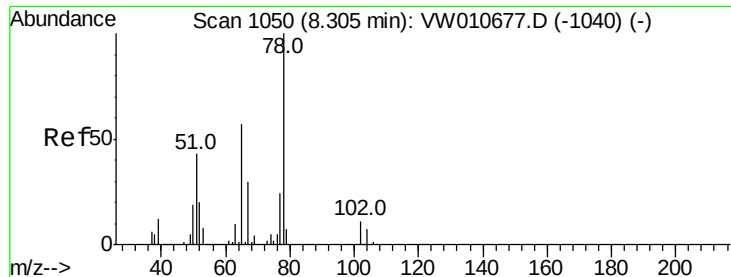
MMDadoda
6/17/2019 1:23:21 PM



#32
1,1,1-Trichloroethane
Concen: 24.396 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	50.6	40.4	60.6





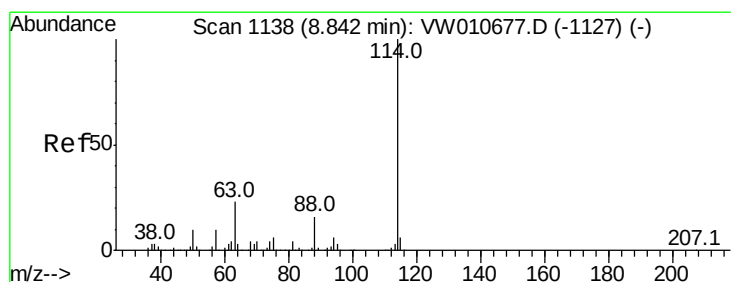
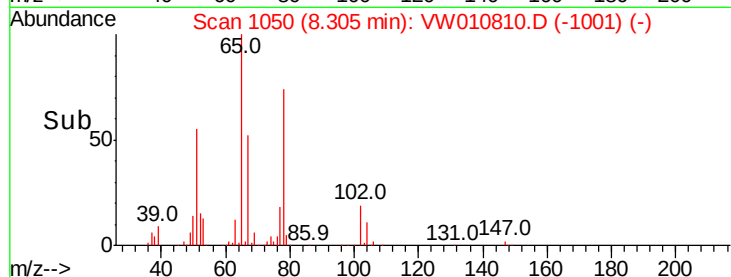
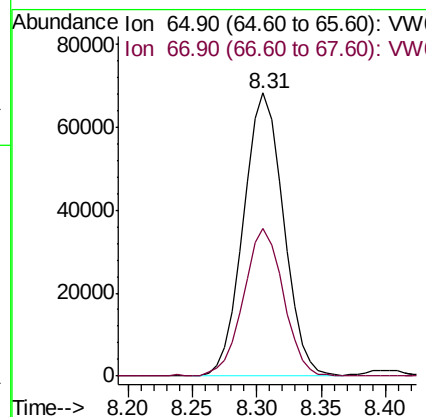
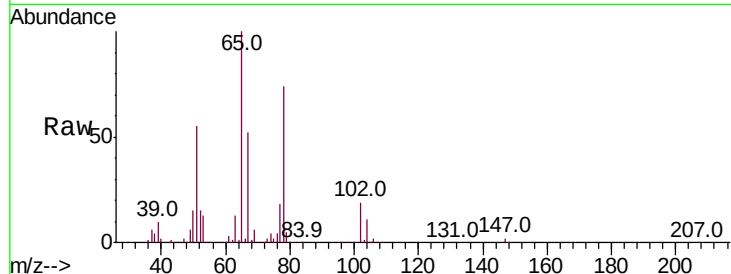
#33
 1,2-Dichloroethane-d4
 Concen: 59.096 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

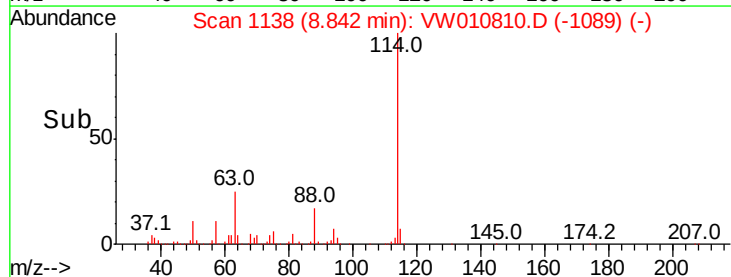
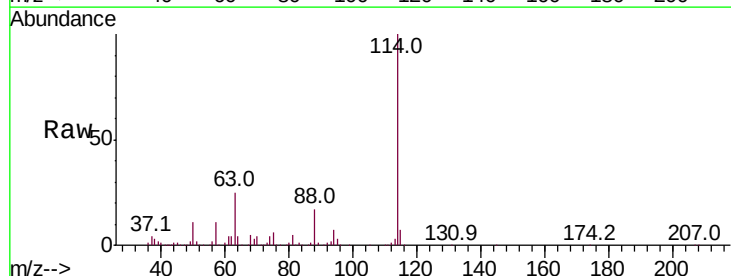
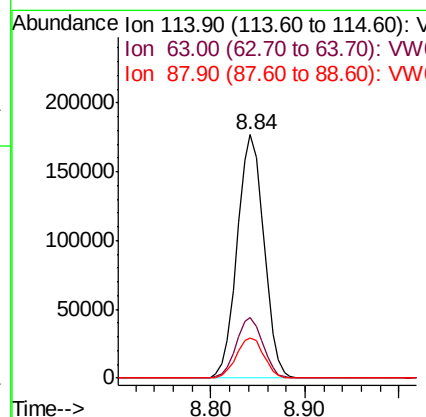
Manual Integrations
 APPROVED

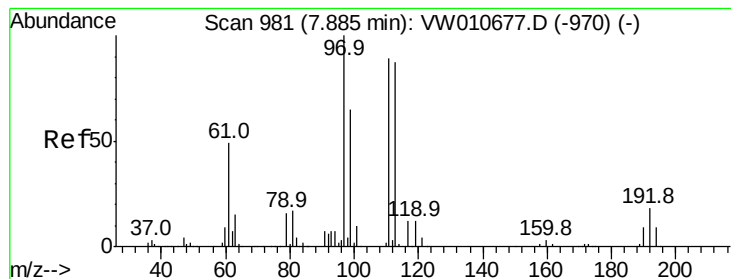
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 6/17/2019 1:23:21 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	46.4
88	16.6	0.0	32.2





#35

Dibromofluoromethane

Concen: 59.357 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

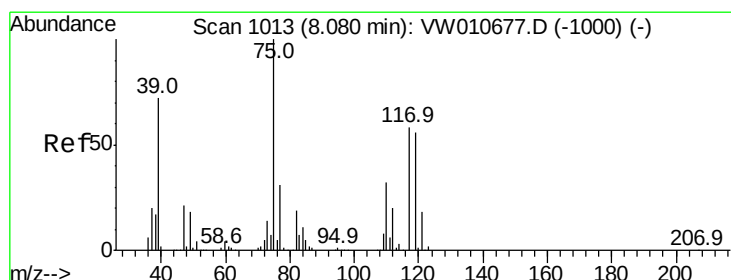
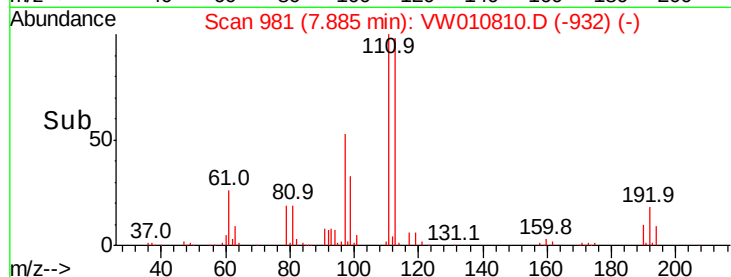
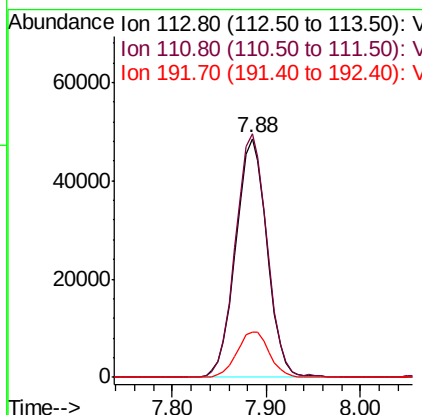
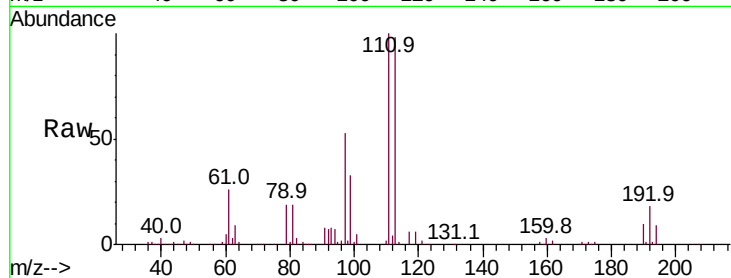
ClientSampleId :

VW0614SBSD01

Tot Ion:	113	Resp:	112593
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	123.8
192	19.6	16.4	24.6

Manual Integrations
APPROVED

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#36

1,1-Dichloropropene

Concen: 23.531 ug/l

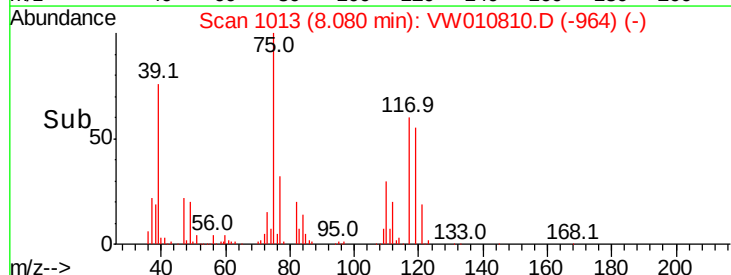
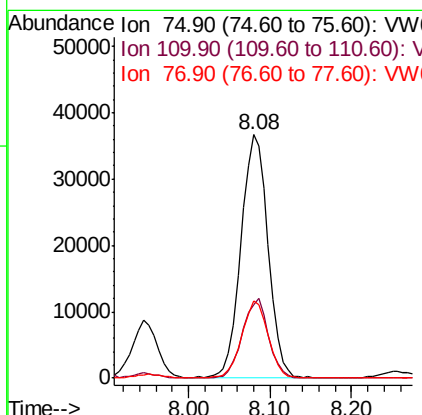
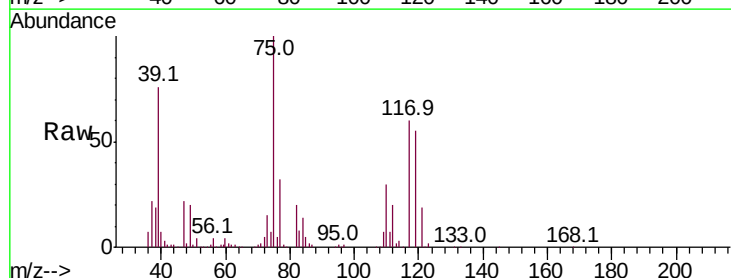
RT: 8.08 min Scan# 1013

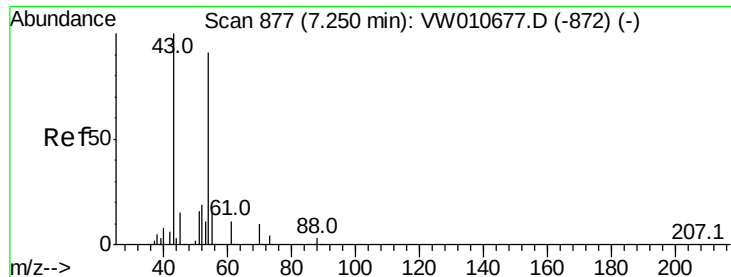
Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion:	75	Resp:	84176
Ion Ratio	Lower	Upper	
75	100		
110	31.6	15.8	47.3
77	31.2	24.7	37.1





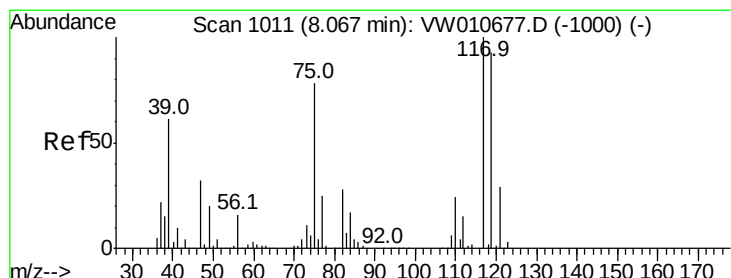
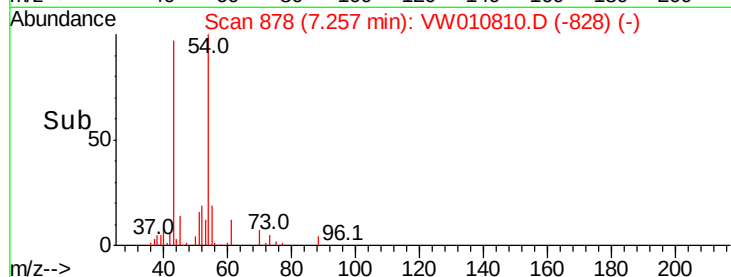
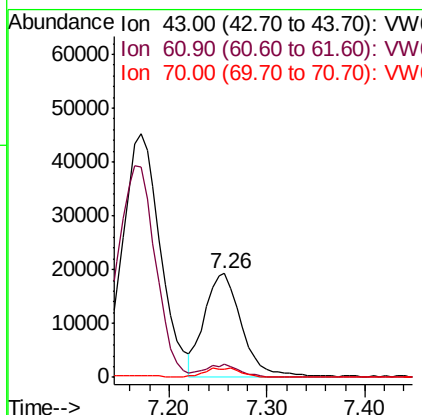
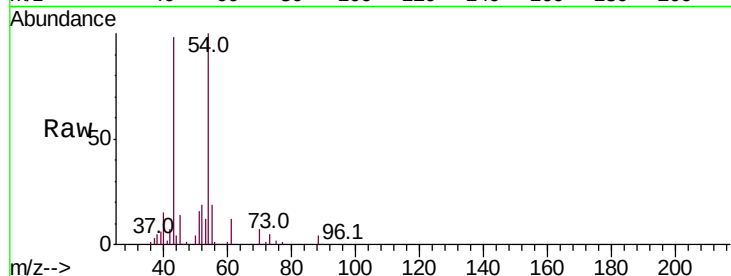
#37
Ethyl Acetate
Concen: 25.187 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.7	14.5
70	8.9	7.2	10.8

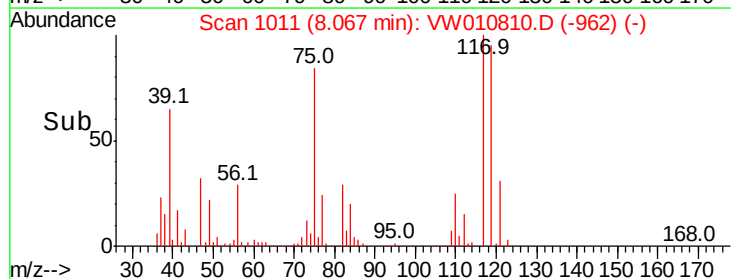
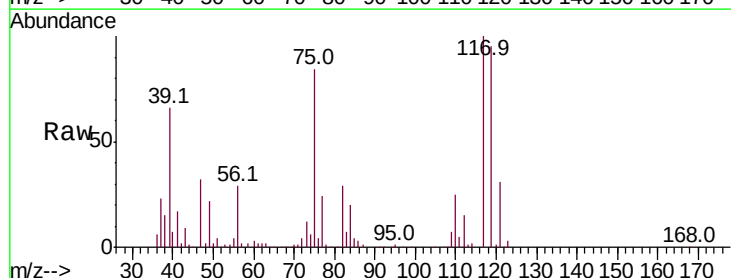
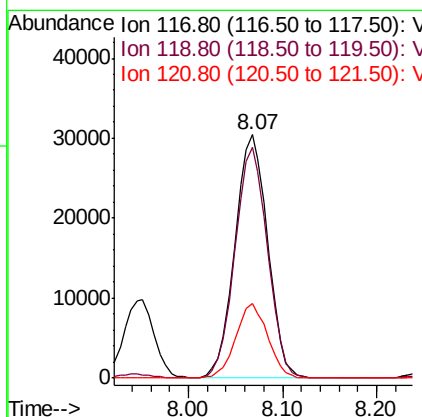
Manual Integrations
APPROVED

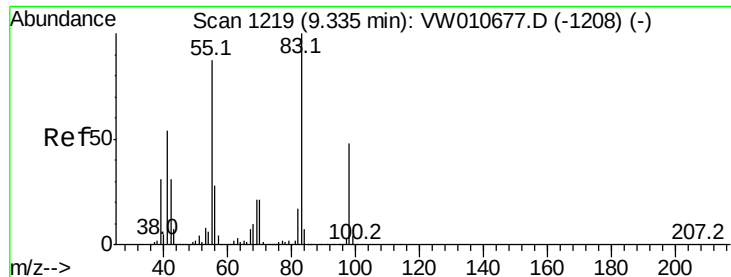
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#38
Carbon Tetrachloride
Concen: 23.824 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.2	111.4
121	30.9	22.9	34.3





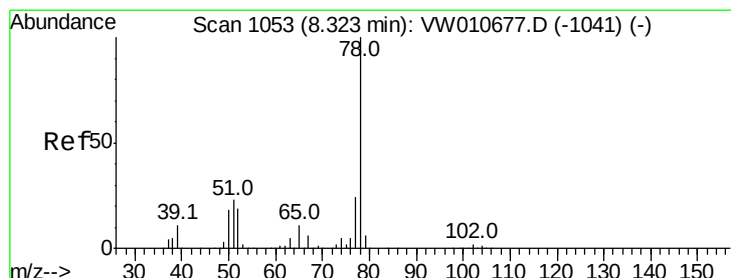
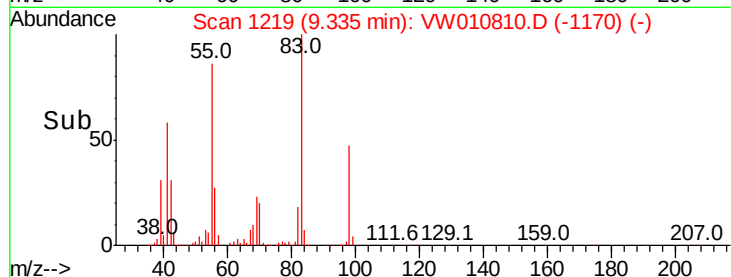
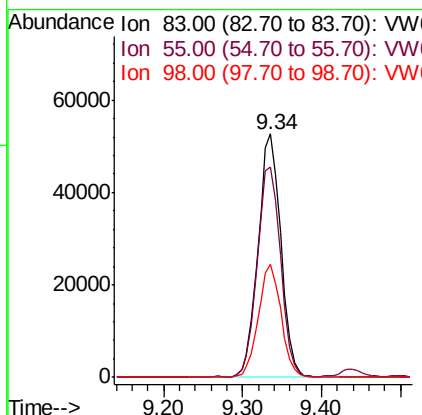
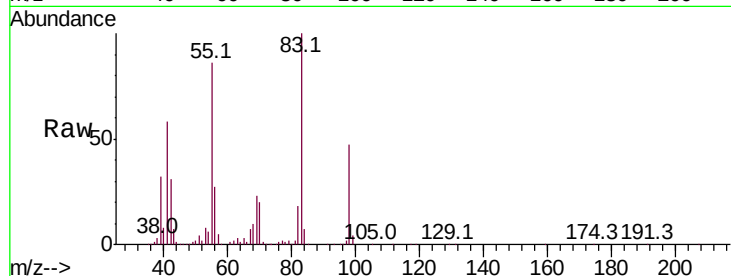
#39
Methylvlcyclohexane
Concen: 23.305 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampled :
VW0614SBS01

Tot Ion	83	Resp	105978
Ion Ratio	100	Lower	Upper
55	86.1	70.0	105.0
98	46.6	38.1	57.1

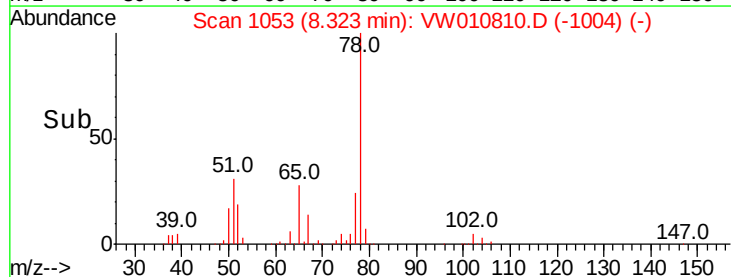
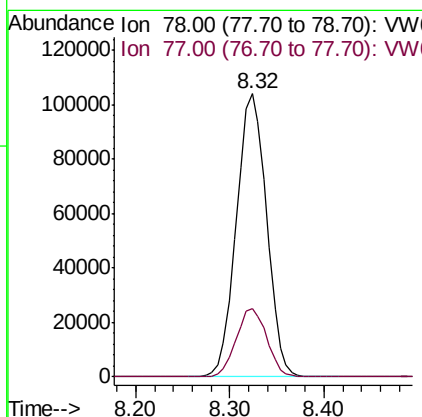
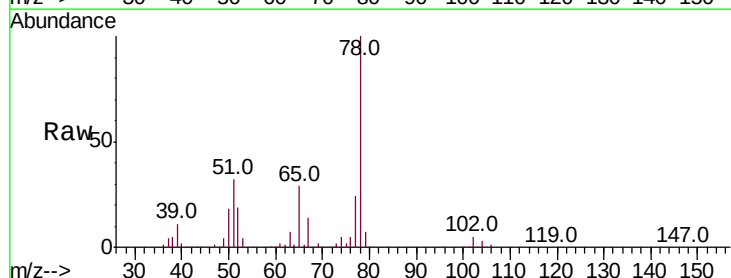
Manual Integrations
APPROVED

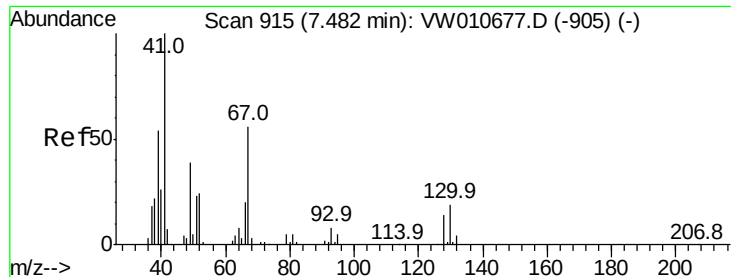
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#40
Benzene
Concen: 23.769 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	78	Resp	231957
Ion Ratio	100	Lower	Upper
77	24.0	19.1	28.7





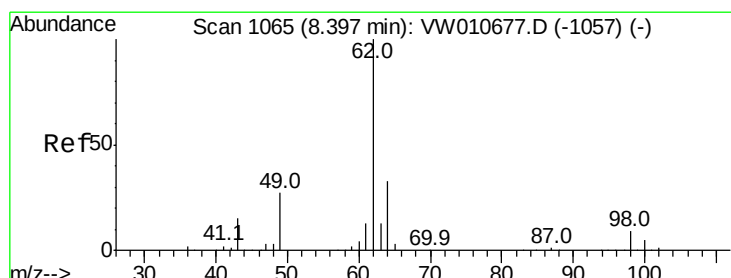
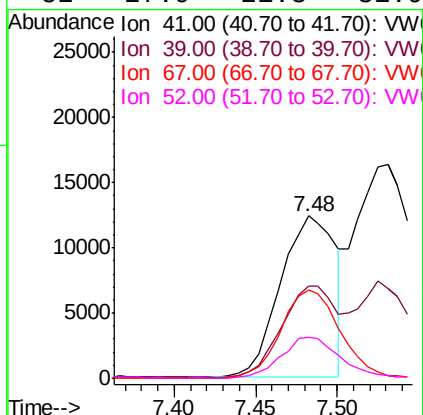
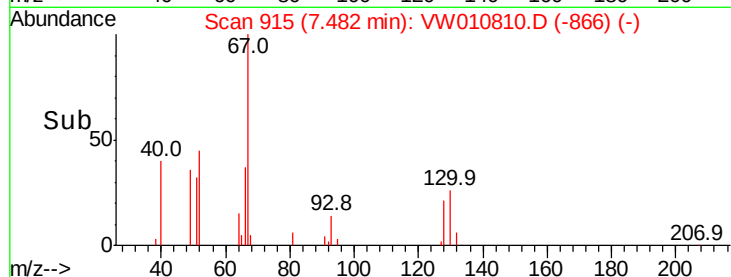
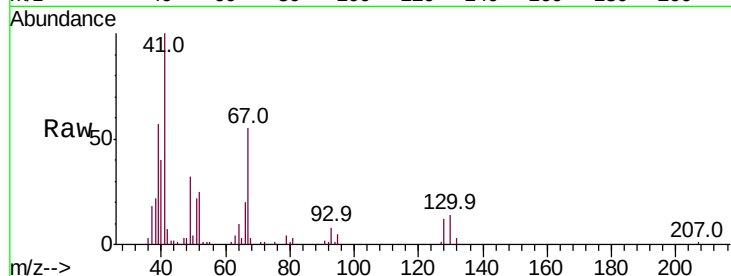
#41
Methacrylonitrile
Concen: 24.517 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.1	47.3	70.9	
67	60.0	47.2	70.8	
52	27.9	21.3	31.9	

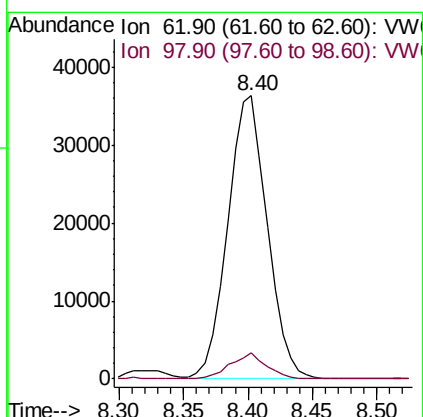
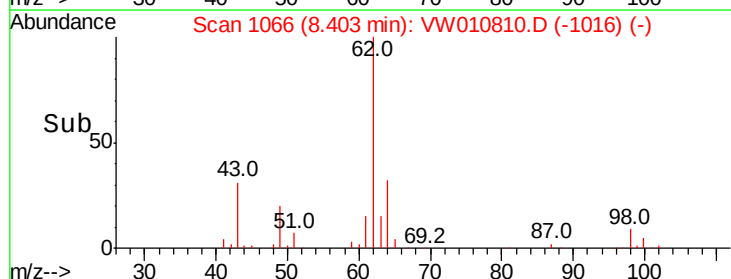
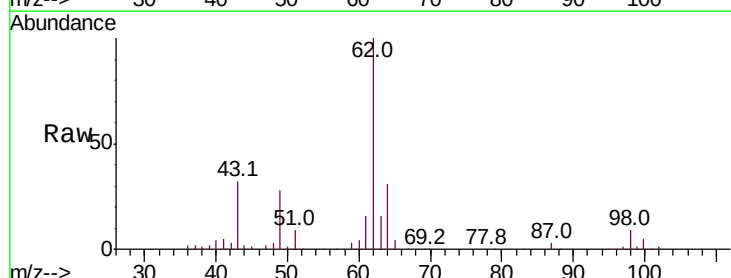
Manual Integrations
APPROVED

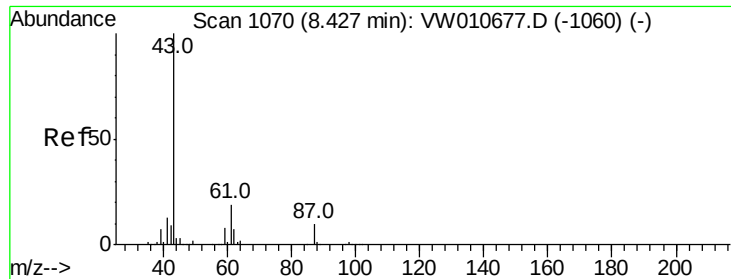
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6/17/2019 1:23:21 PM



#42
1,2-Dichloroethane
Concen: 24.920 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.2	





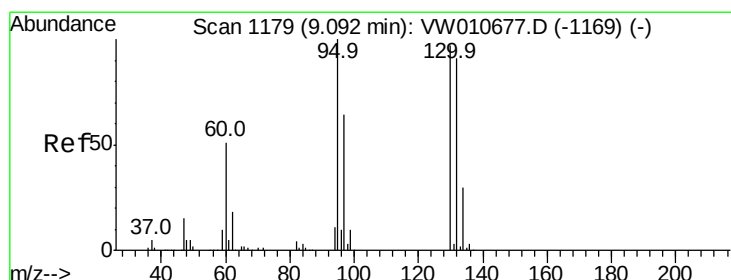
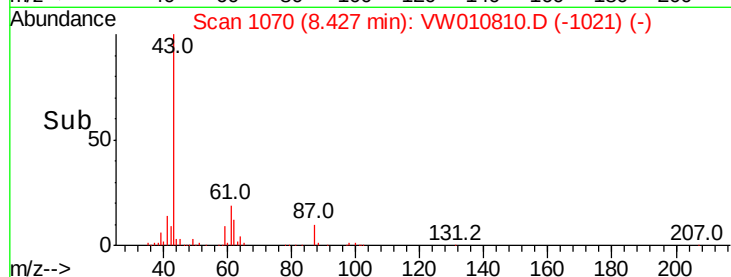
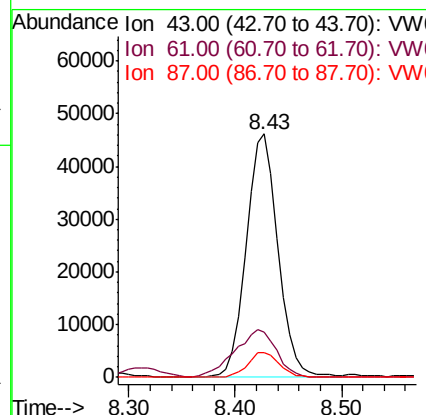
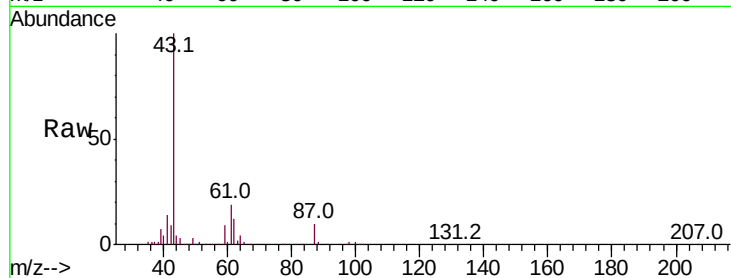
#43
Isopropyl Acetate
Concen: 25.050 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.0	21.2	31.8
87	10.4	8.3	12.5

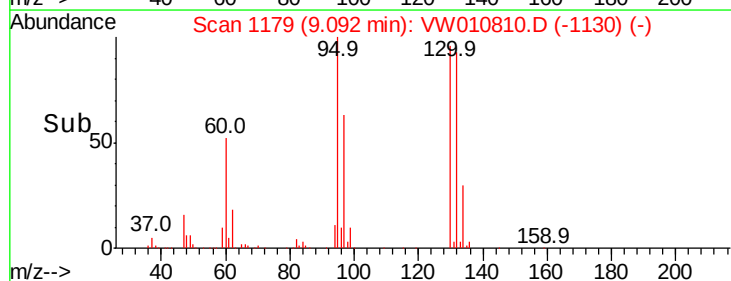
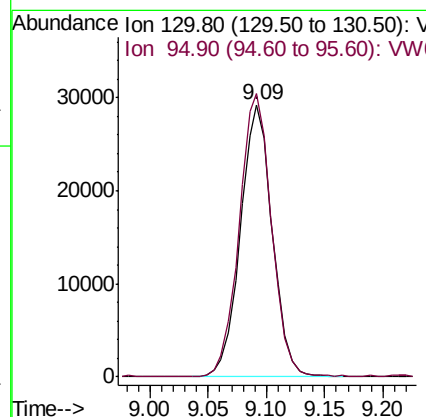
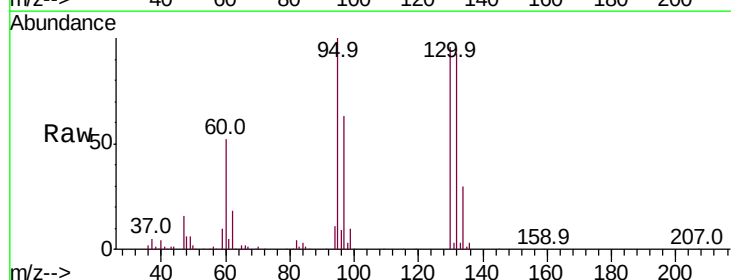
Manual Integrations
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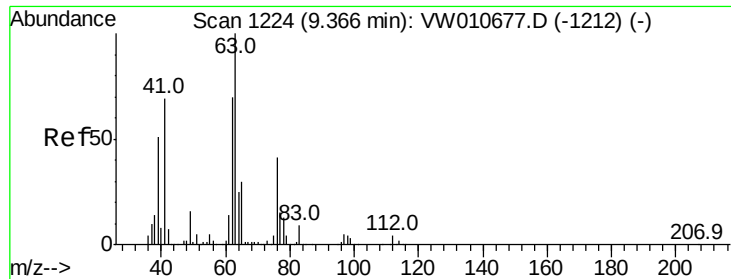
MMDadoda
6/17/2019 1:23:21 PM



#44
Trichloroethene
Concen: 23.077 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	207.0





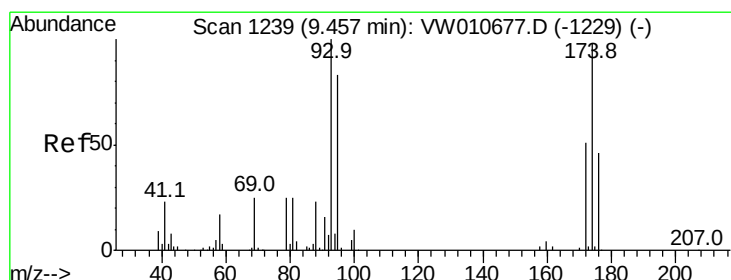
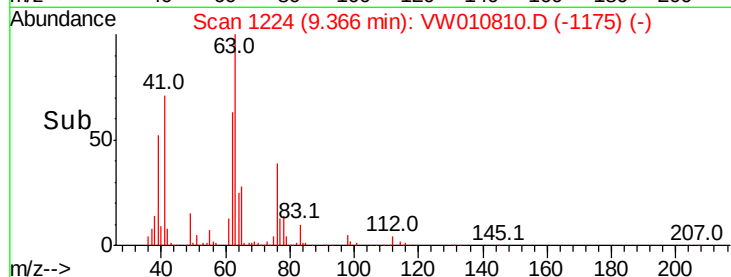
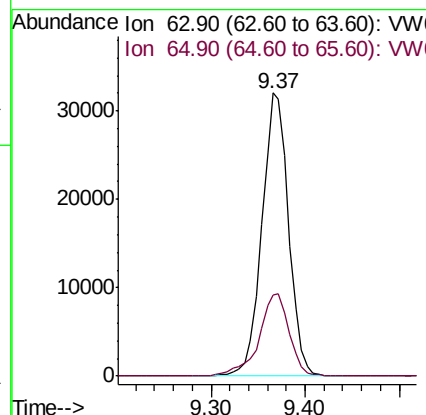
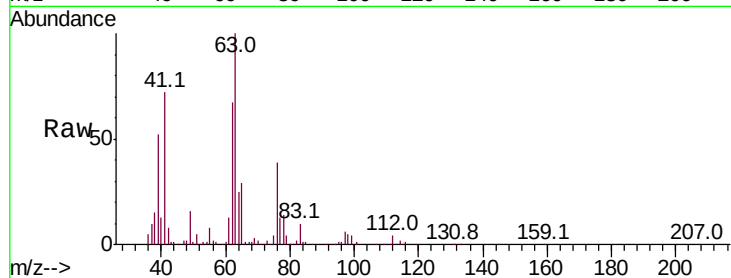
#45
 1,2-Dichloropropane
 Concen: 24.678 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	23.8	35.6

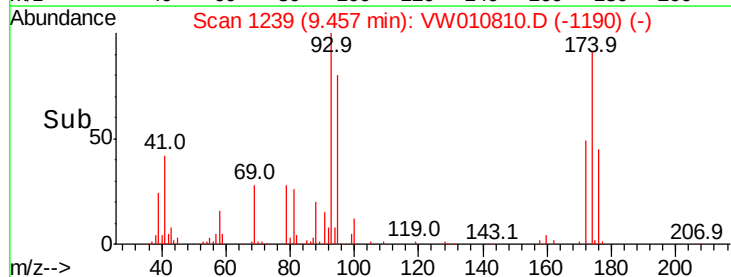
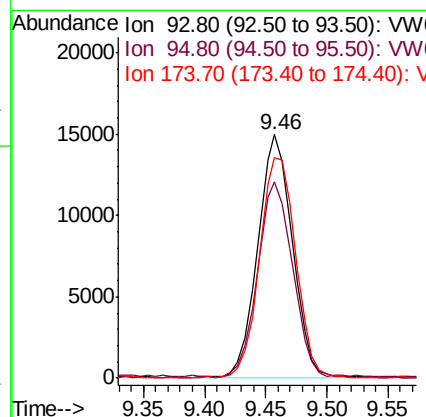
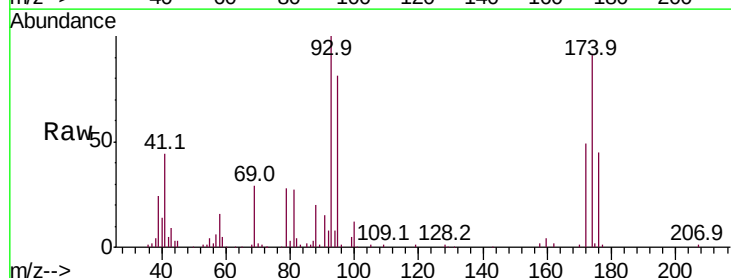
Manual Integrations
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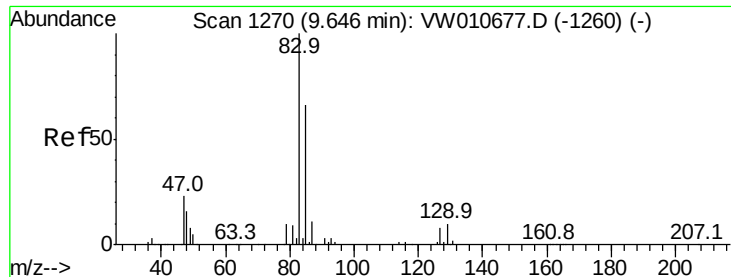
MMDadoda
 6/17/2019 1:23:21 PM



#46
 Dibromomethane
 Concen: 24.679 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.9	65.8	98.8
174	94.5	77.4	116.0





#47

Bromodichloromethane

Concen: 24.096 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

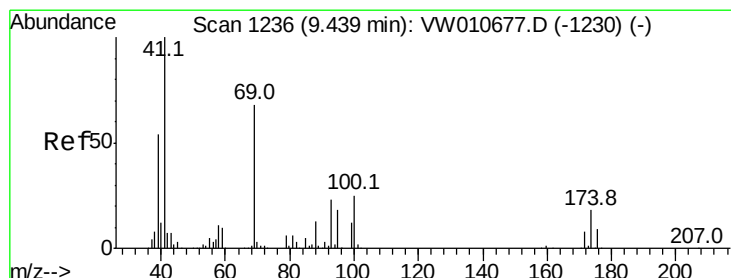
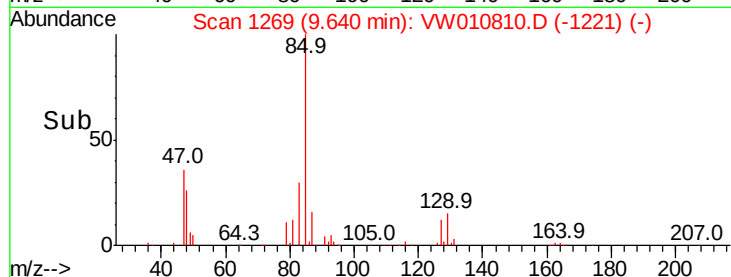
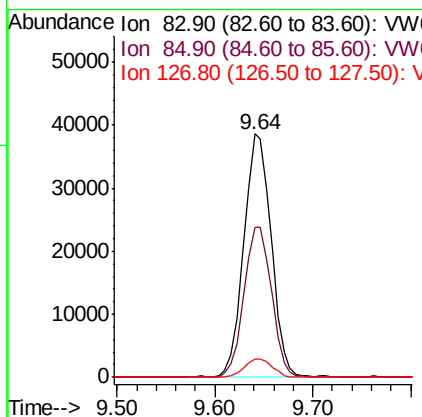
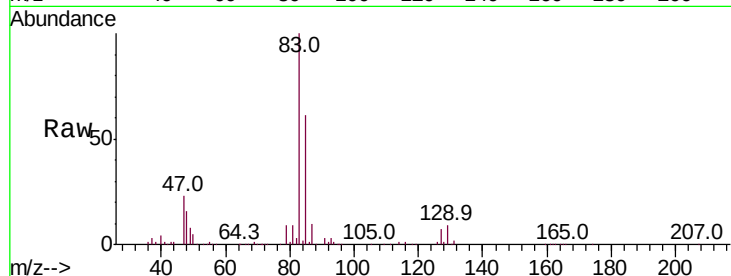
ClientSampleId :

VW0614SBSD01

Tot Ion:	83	Resp:	74945
Ion Ratio	Lower	Upper	
83	100		
85	61.6	53.0	79.4
127	7.5	6.4	9.6

Manual Integrations
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6/17/2019 1:23:21 PM



#48

Methyl methacrylate

Concen: 25.003 ug/l

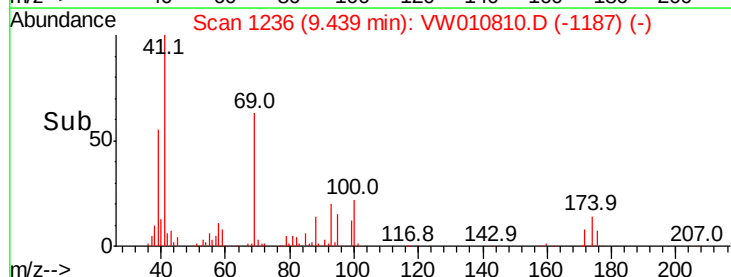
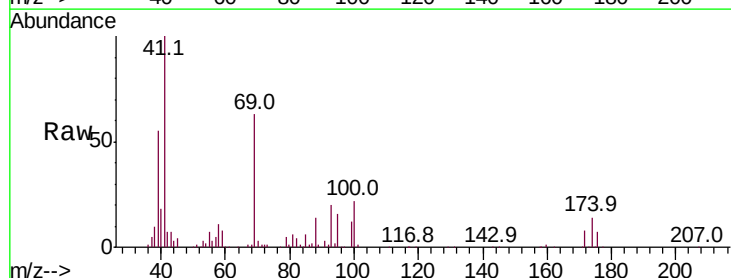
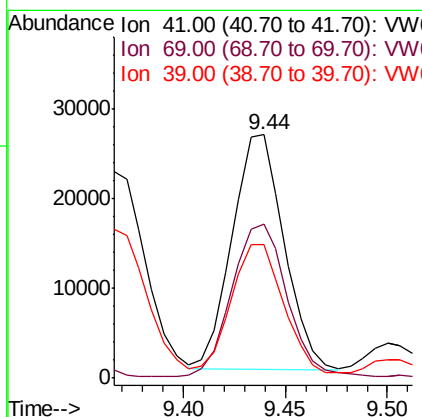
RT: 9.44 min Scan# 1236

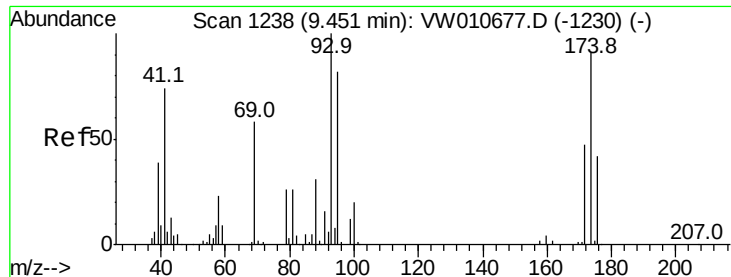
Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion:	41	Resp:	46167
Ion Ratio	Lower	Upper	
41	100		
69	69.4	56.6	85.0
39	54.7	44.4	66.6





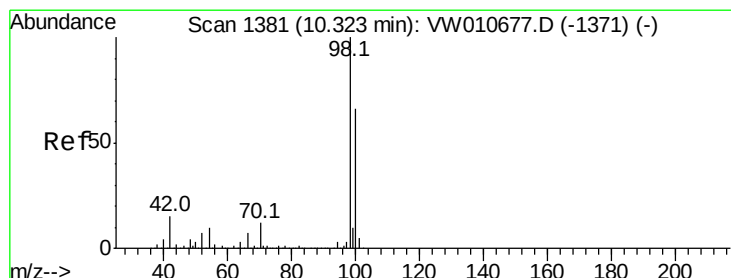
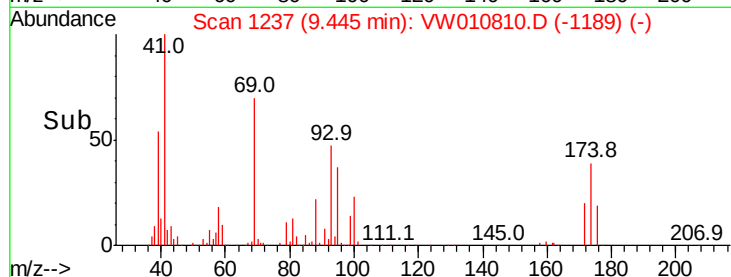
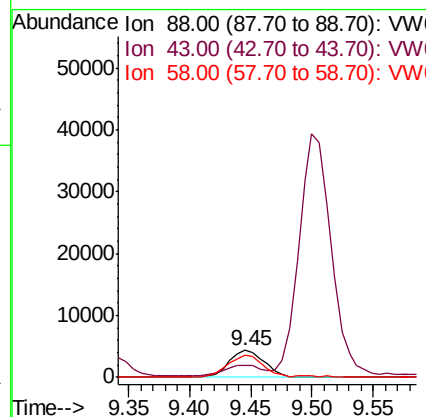
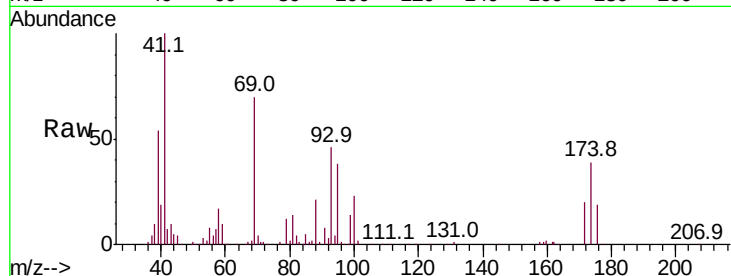
#49
1,4-Dioxane
Concen: 475.168 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion: 88 Resp: 8914
Ion Ratio Lower Upper
88 100
43 42.2 34.2 51.4
58 83.2 69.0 103.4

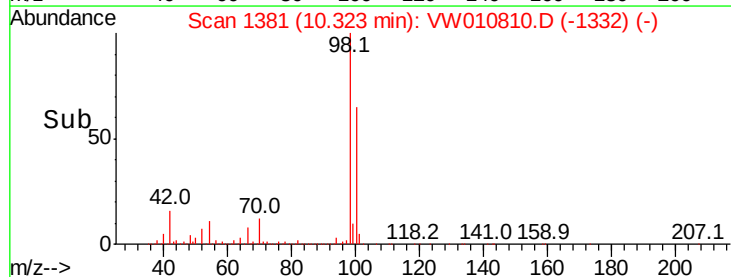
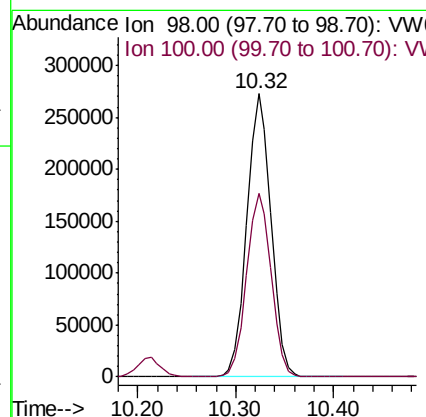
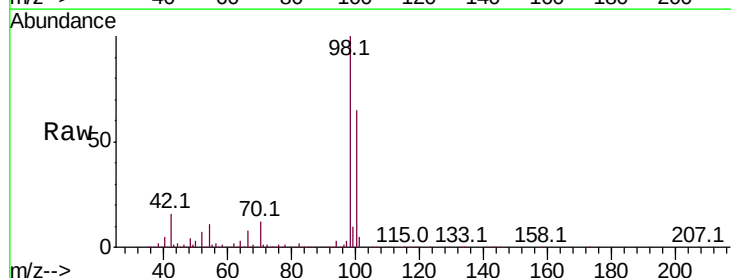
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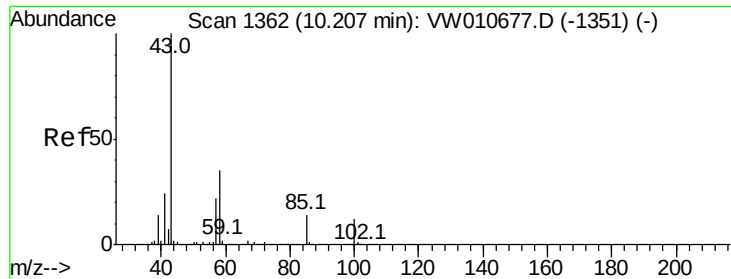
MMDadoda
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#50
Toluene-d8
Concen: 56.087 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 98 Resp: 466529
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 130.177 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBS01

Tot Ion: 43 Resp: 254688

Ion Ratio Lower Upper

43 100

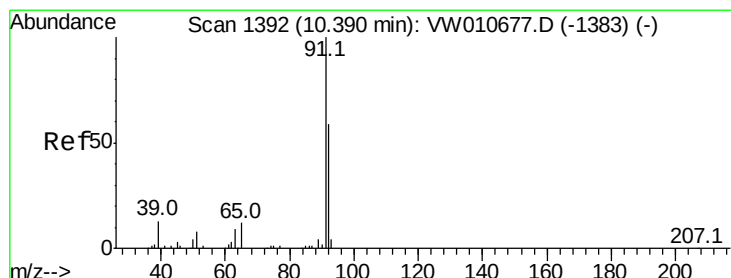
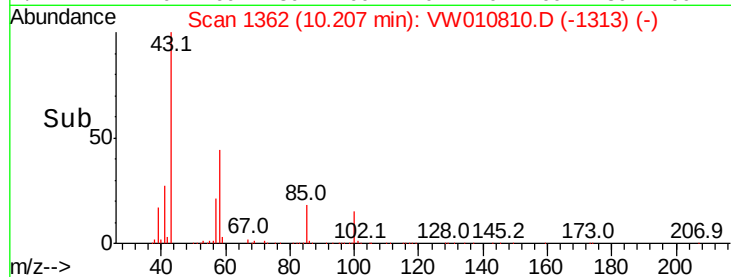
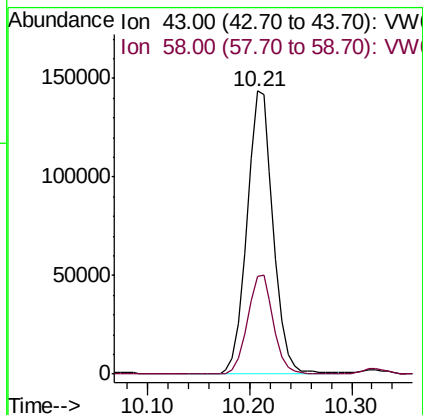
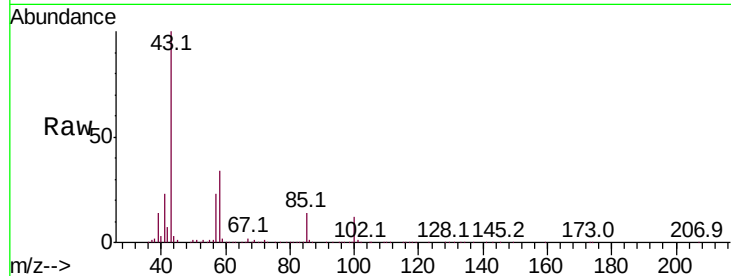
58 34.8 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 23.860 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010810.D

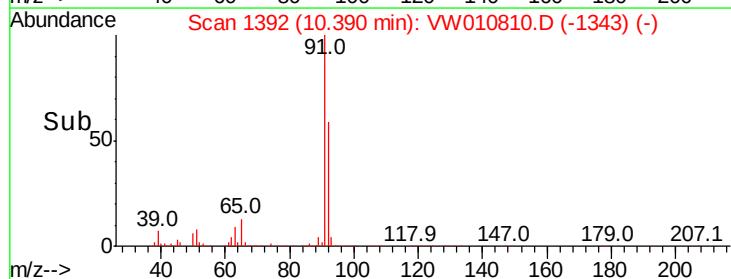
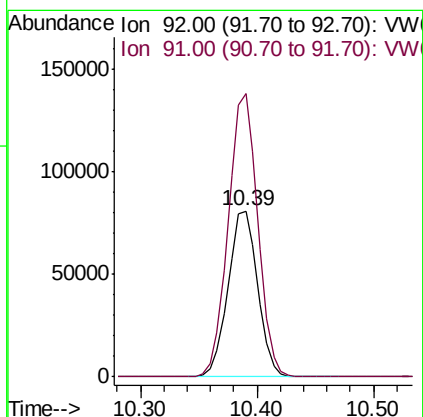
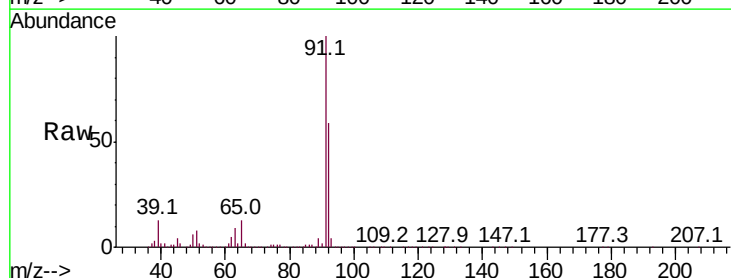
Acq: 14 Jun 2019 13:22

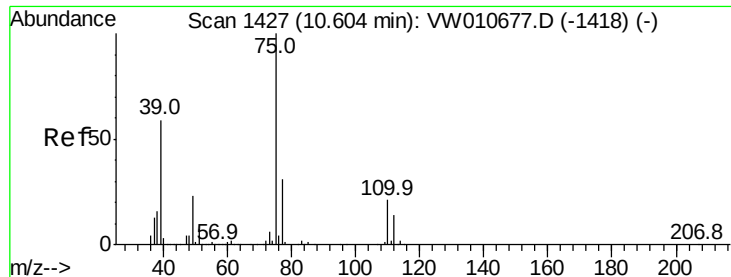
Tgt Ion: 92 Resp: 143264

Ion Ratio Lower Upper

92 100

91 169.9 134.9 202.3





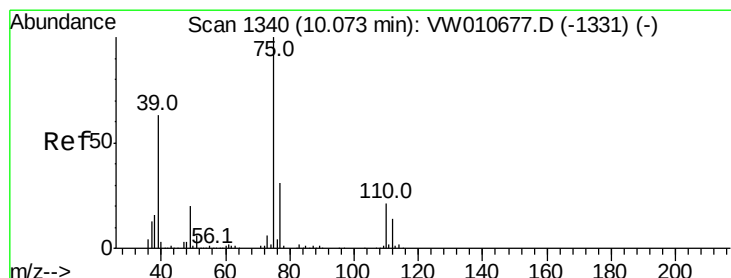
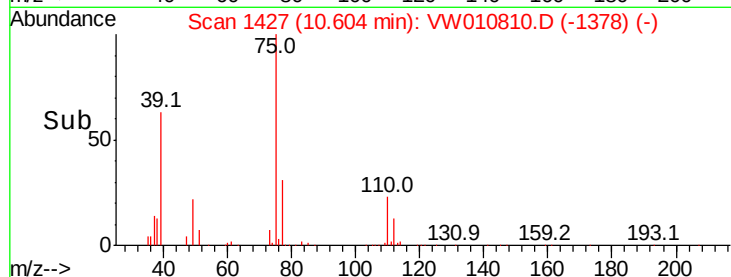
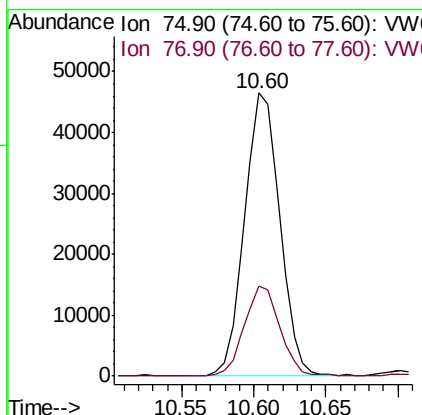
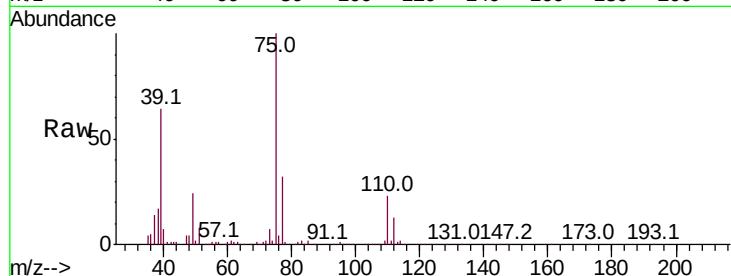
#53
t-1,3-Dichloropropene
Concen: 23.895 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion: 75 Resp: 78719
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8

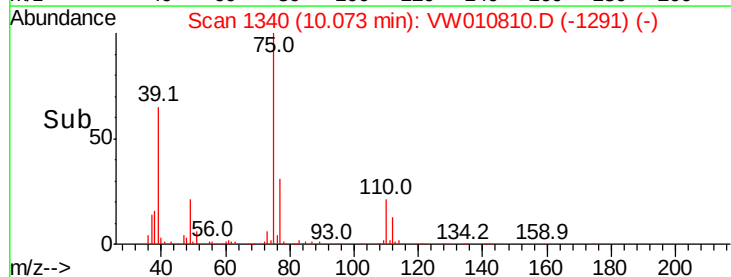
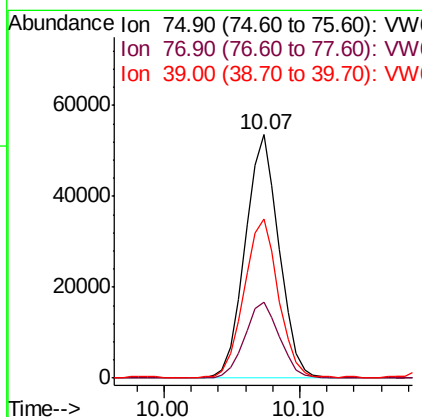
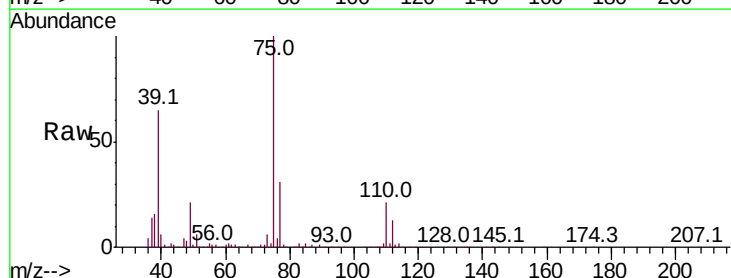
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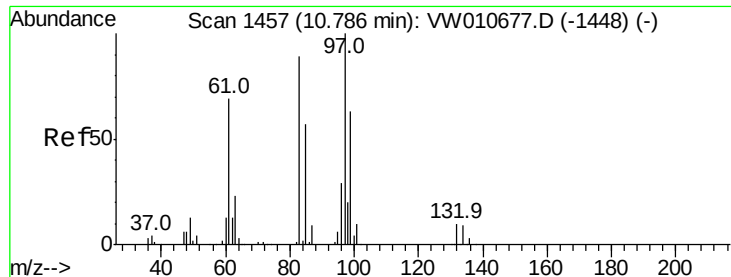
MMDadoda
6/17/2019 1:23:21 PM



#54
cis-1,3-Dichloropropene
Concen: 23.987 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 75 Resp: 92989
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 64.9 50.1 75.1





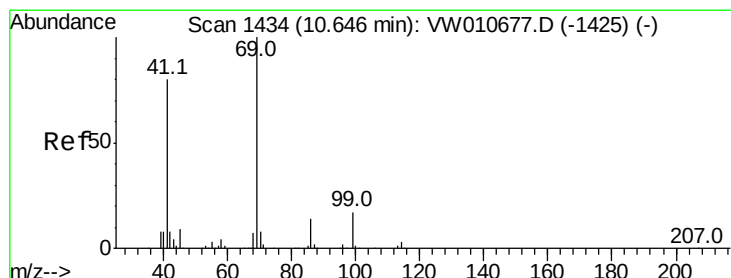
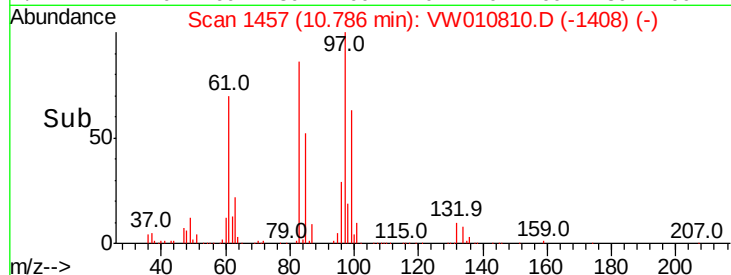
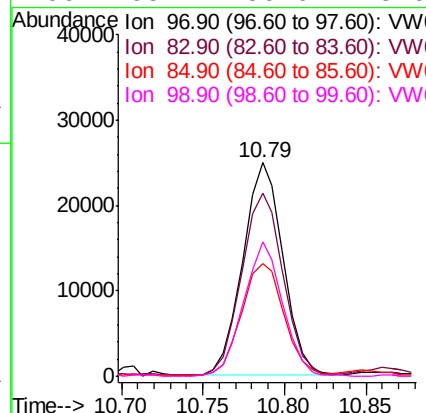
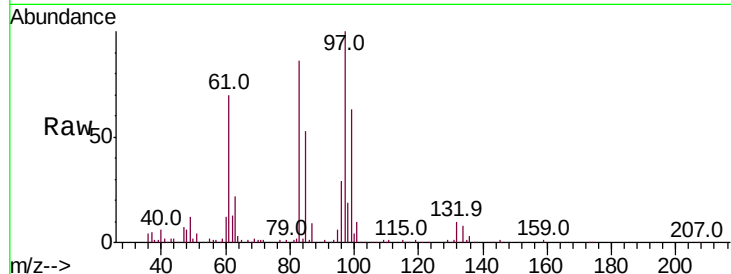
#55
 1,1,2-Trichloroethane
 Concen: 24.552 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion:	97	Resp:	42440
Ion	Ratio	Lower	Upper
97	100		
83	85.7	71.1	106.7
85	52.4	45.2	67.8
99	63.1	50.0	75.0

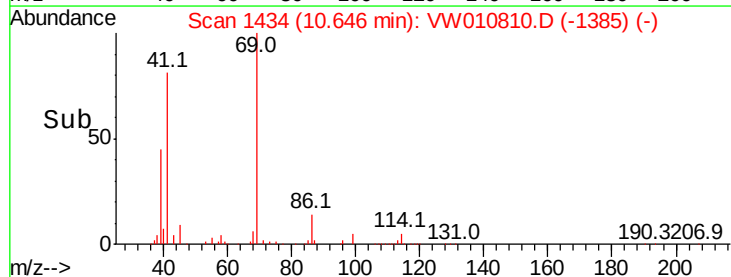
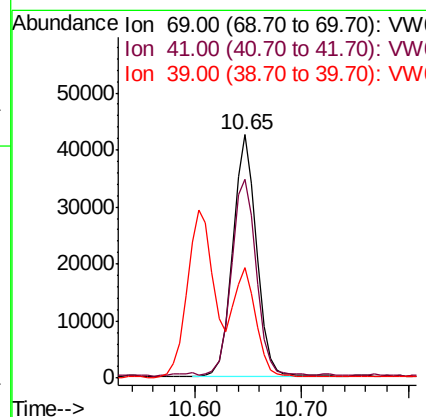
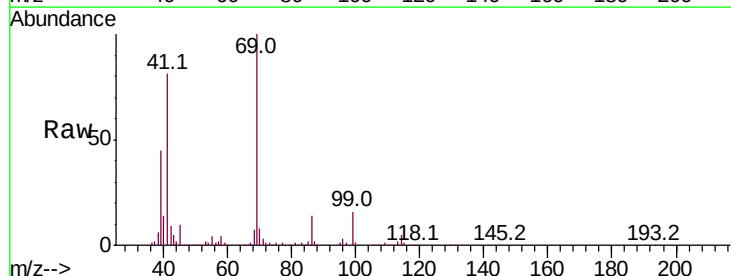
Manual Integrations
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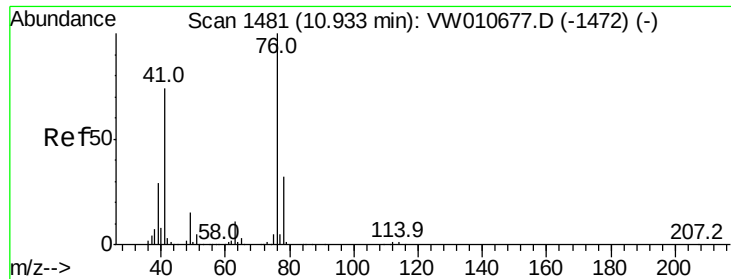
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 6/17/2019 1:23:21 PM



#56
 Ethyl methacrylate
 Concen: 24.959 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion:	69	Resp:	66387
Ion	Ratio	Lower	Upper
69	100		
41	86.7	64.8	97.2
39	42.7	32.2	48.2





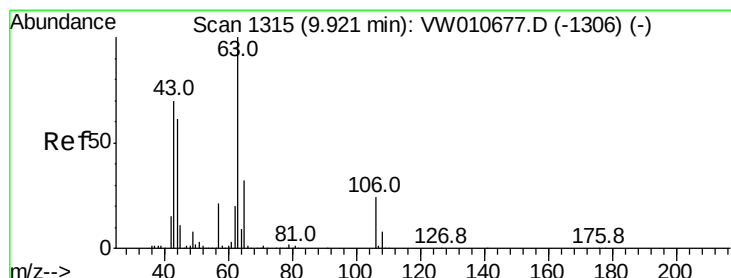
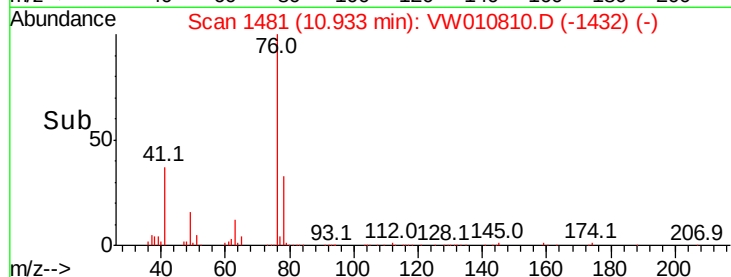
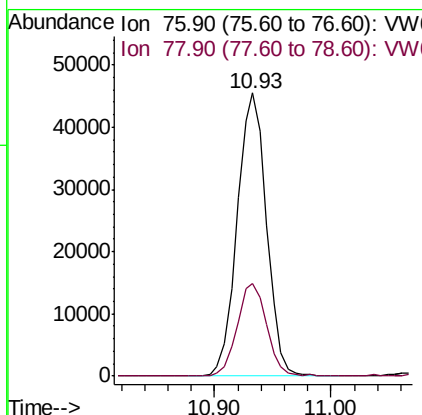
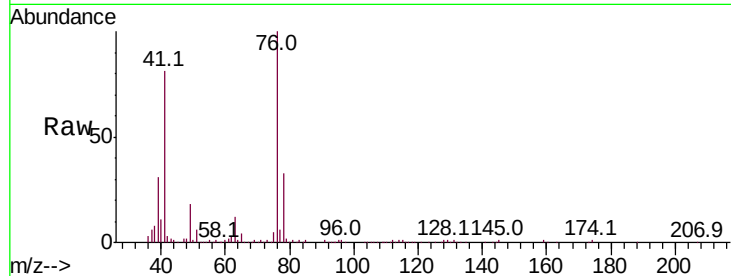
#57
 1,3-Dichloropropane
 Concen: 24.400 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampled :
 VW0614SBS01

Tot Ion: 76 Resp: 79485
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5

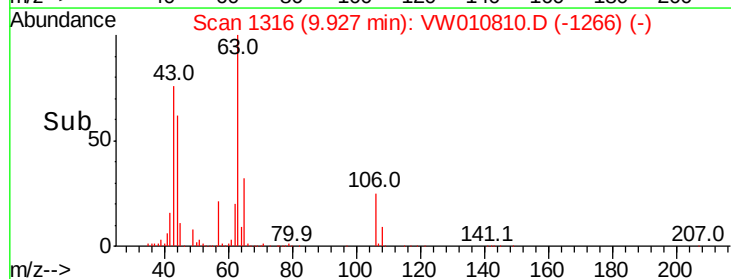
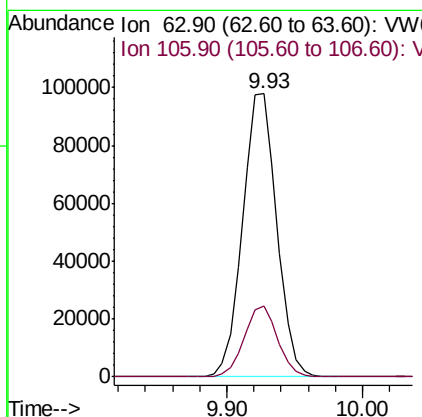
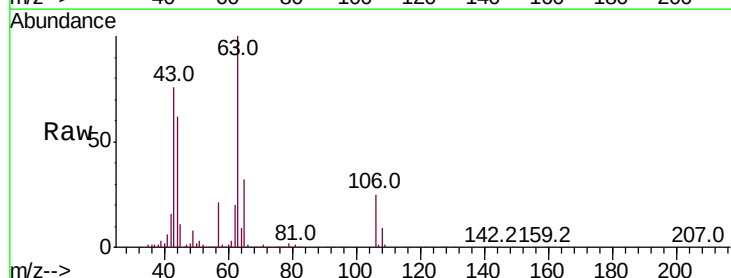
Manual Integrations
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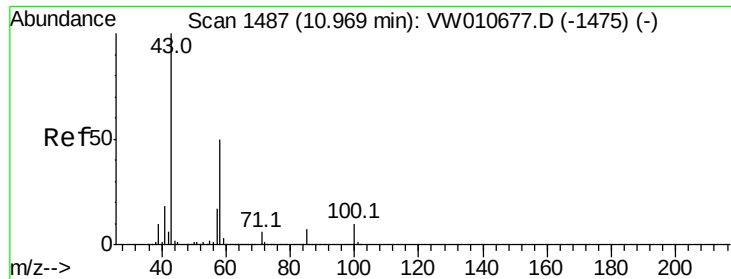
MMDadoda
 6/17/2019 1:23:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 123.365 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion: 63 Resp: 171865
 Ion Ratio Lower Upper
 63 100
 106 24.6 20.1 30.1





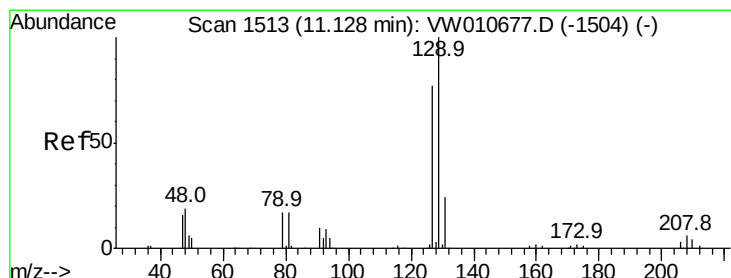
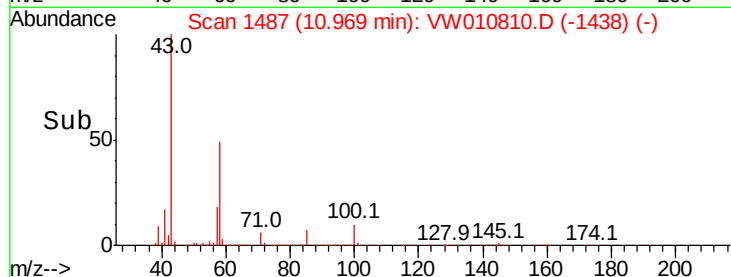
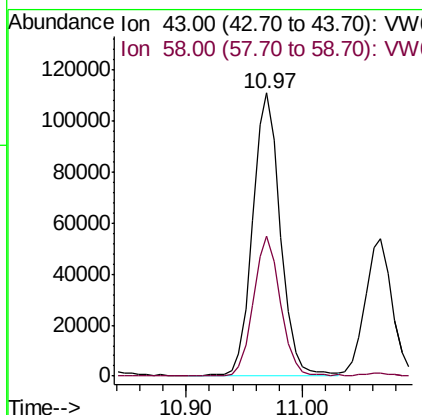
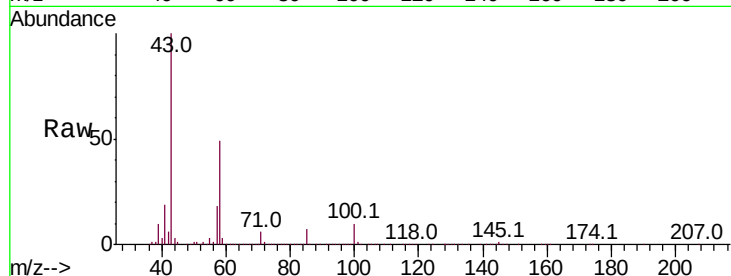
#59
2-Hexanone
Concen: 128.302 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion: 43 Resp: 181418
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6

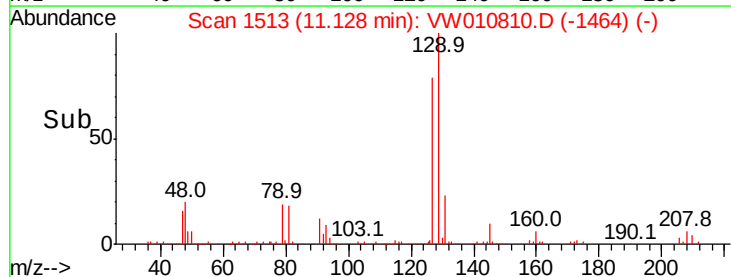
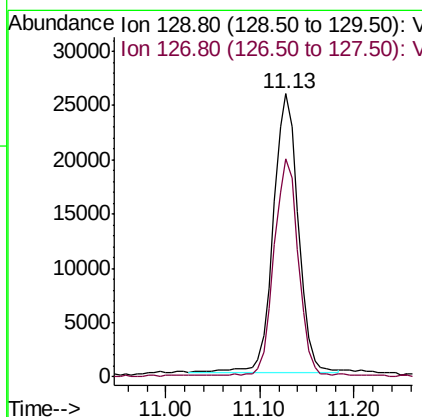
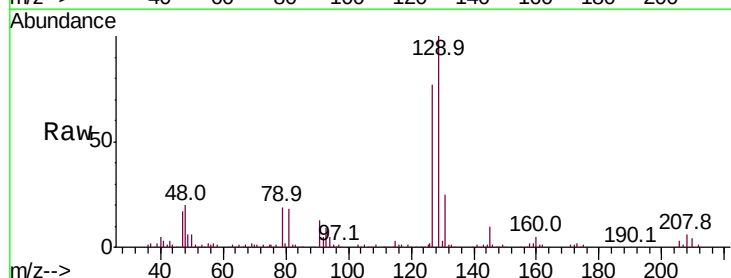
Manual Integrations
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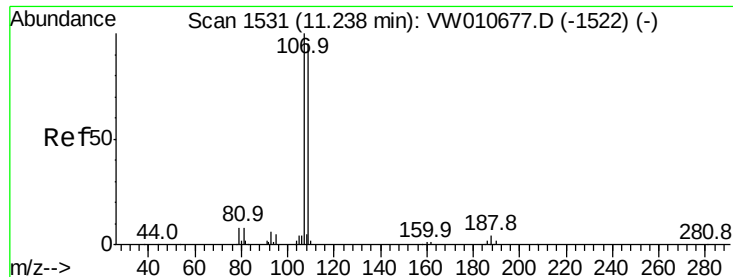
MMDadoda
6/17/2019 1:23:21 PM



#60
Dibromochloromethane
Concen: 24.809 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion: 129 Resp: 47539
Ion Ratio Lower Upper
129 100
127 74.8 38.6 116.0





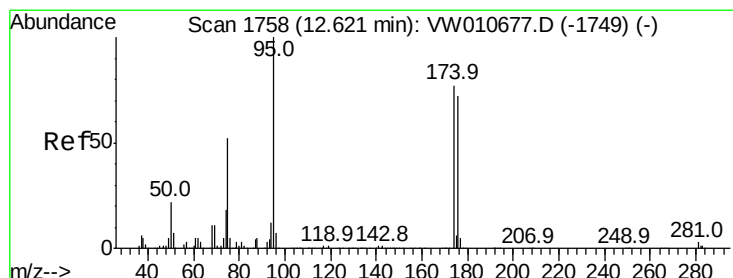
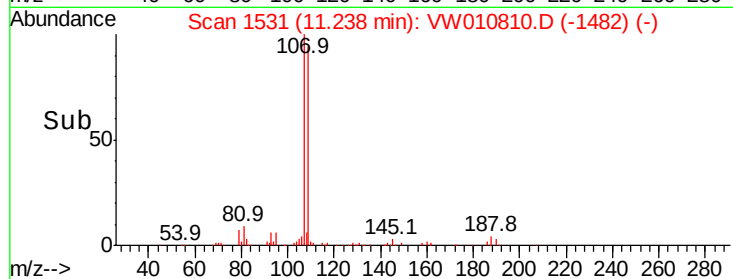
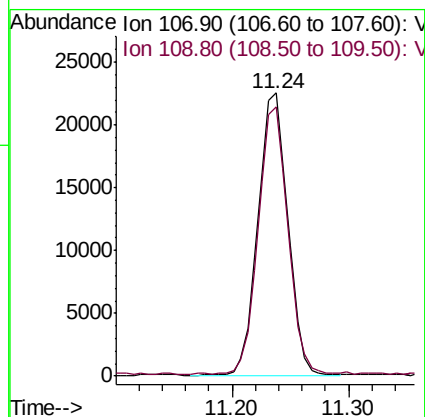
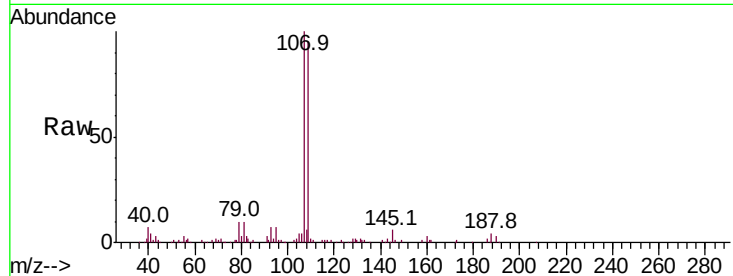
#61
 1,2-Dibromoethane
 Concen: 24.401 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.8	113.8

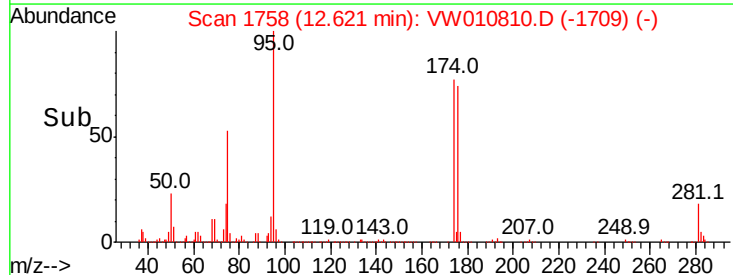
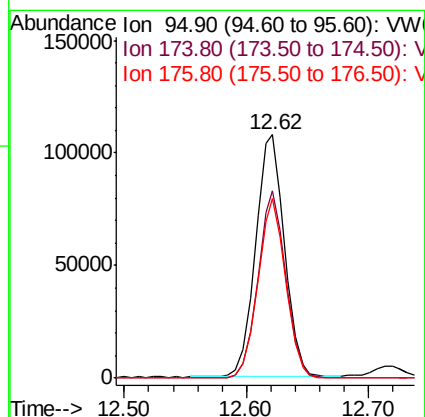
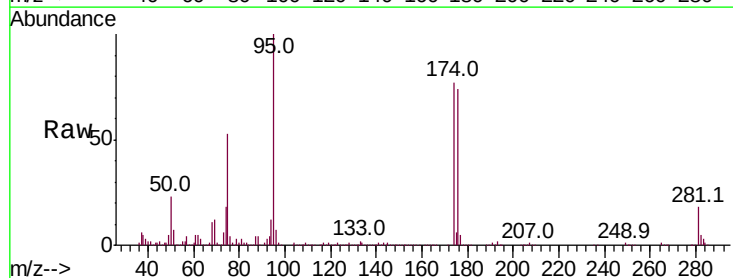
Manual Integrations
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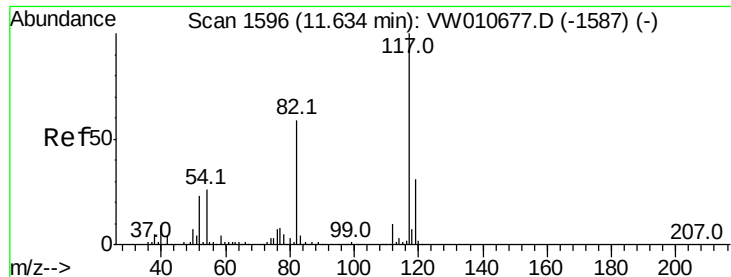
MMDadoda
 6/17/2019 1:23:21 PM



#62
 4-Bromofluorobenzene
 Concen: 58.525 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	150.4
176	70.8	0.0	144.8





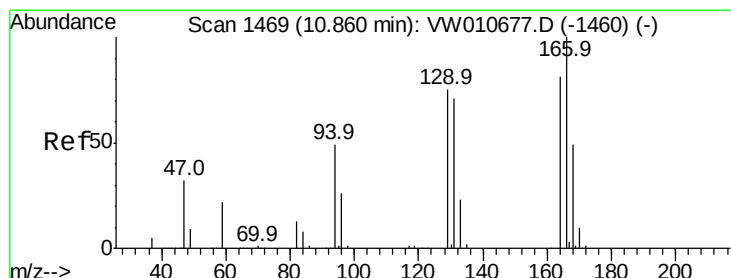
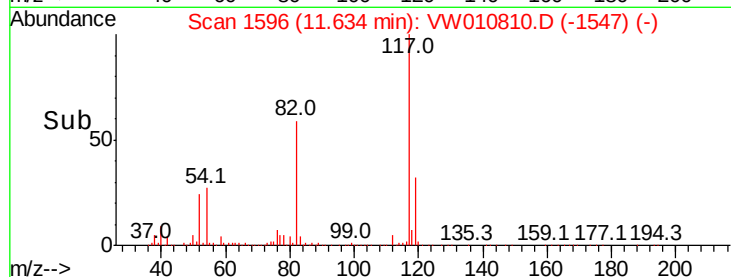
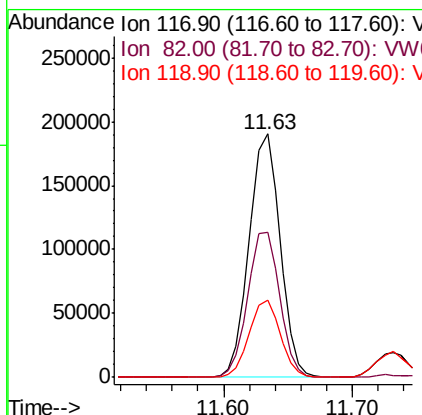
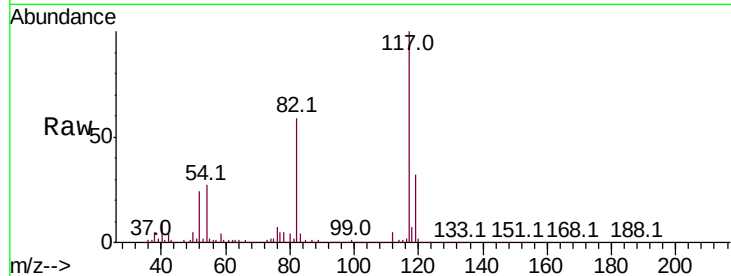
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.0	70.4
119	31.5	25.1	37.7

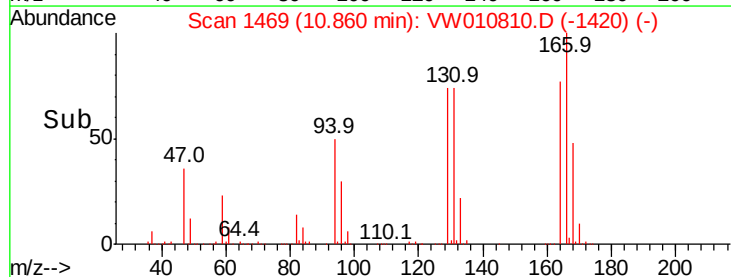
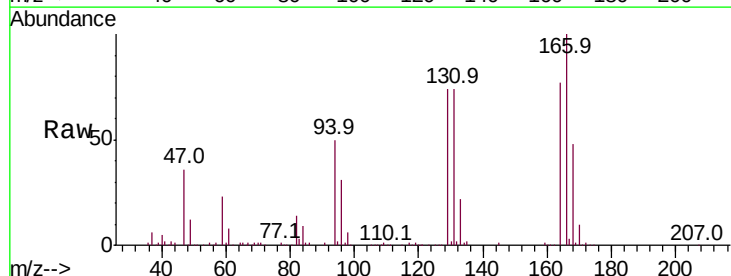
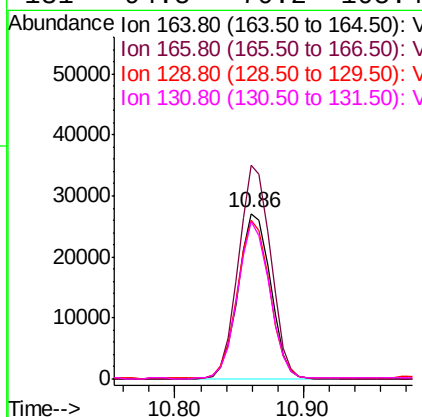
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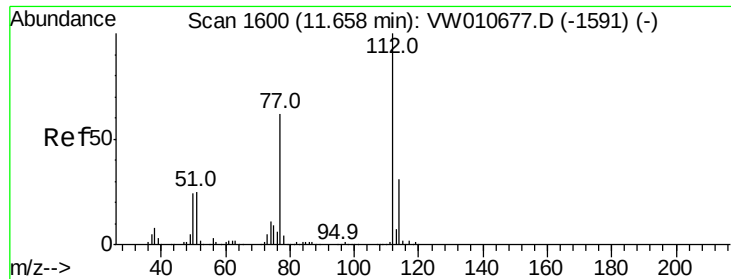
MMDadoda
6/17/2019 1:23:21 PM



#64
Tetrachloroethene
Concen: 22.606 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	99.2	148.8
129	95.0	74.6	112.0
131	94.5	70.2	105.4





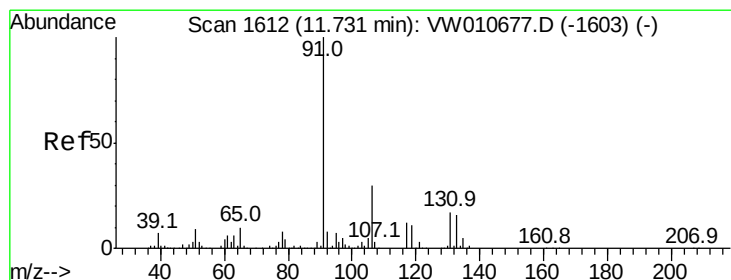
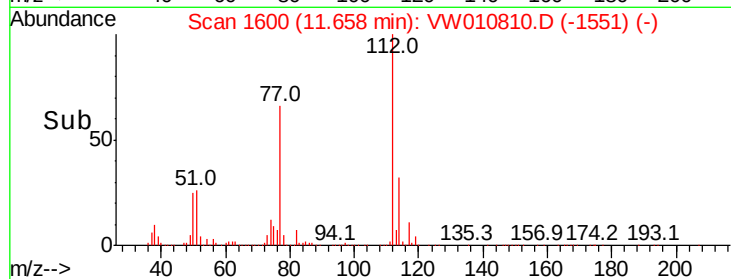
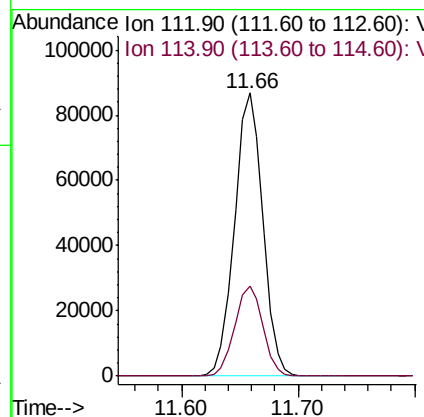
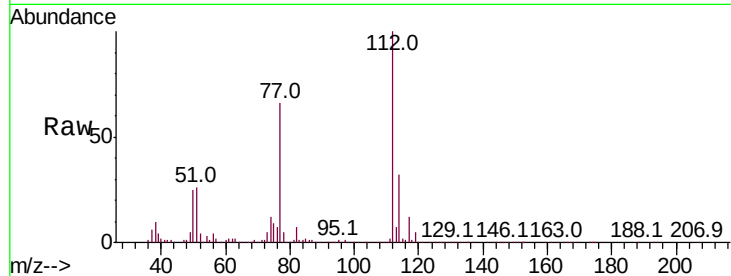
#65
Chlorobenzene
Concen: 23.614 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	24.8	37.2

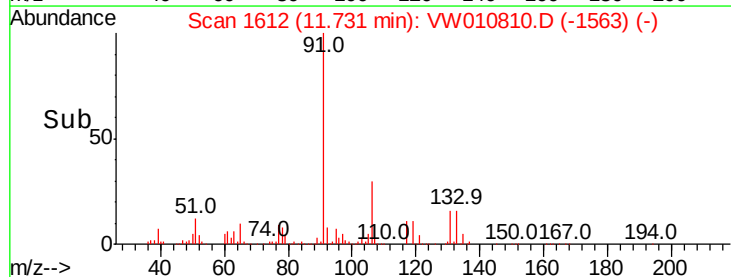
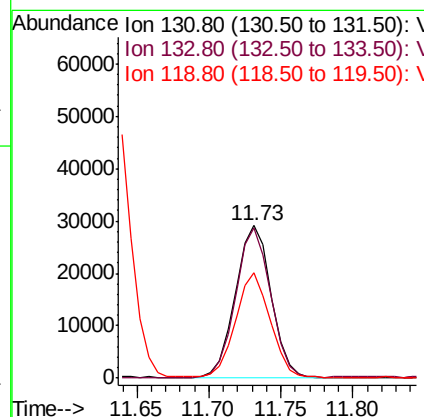
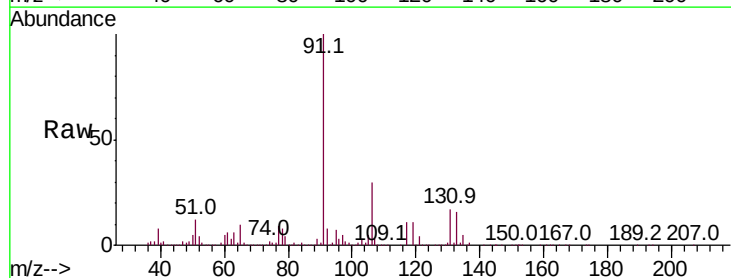
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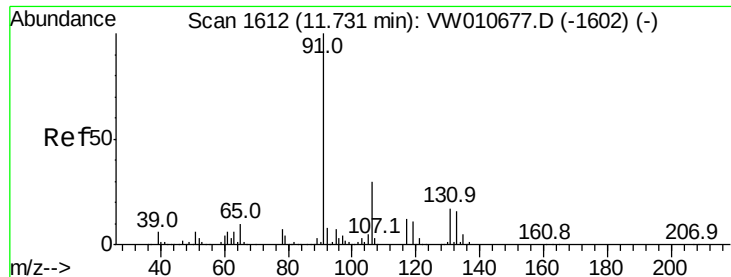
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.228 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.3	141.9
119	67.1	32.4	97.0





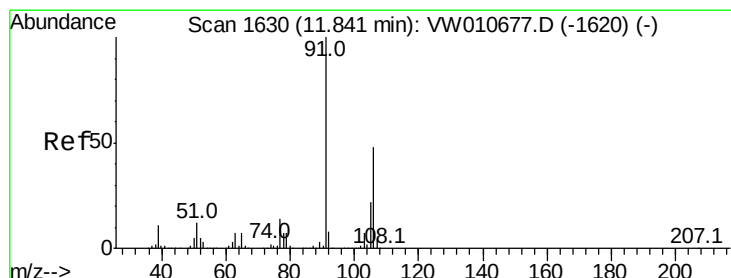
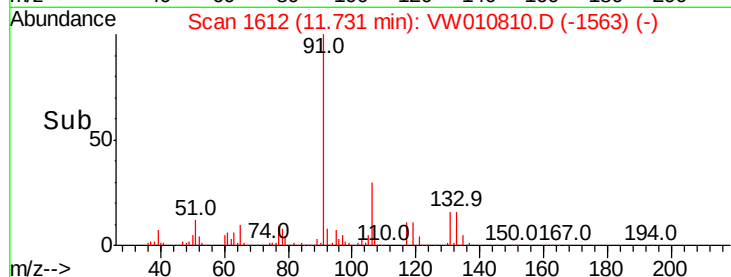
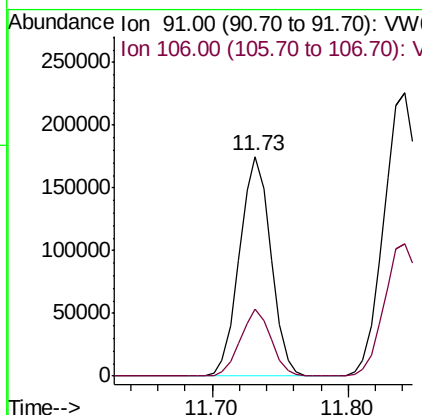
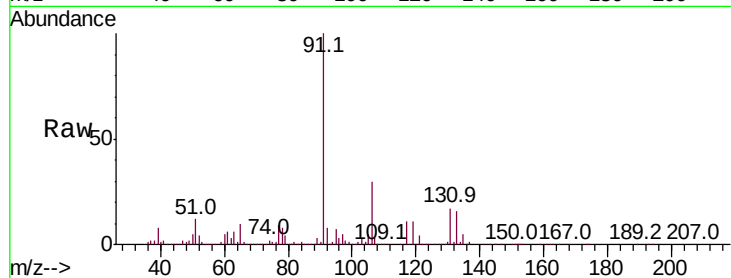
#67
Ethyl Benzene
Concen: 23.569 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.3	24.2	36.4	

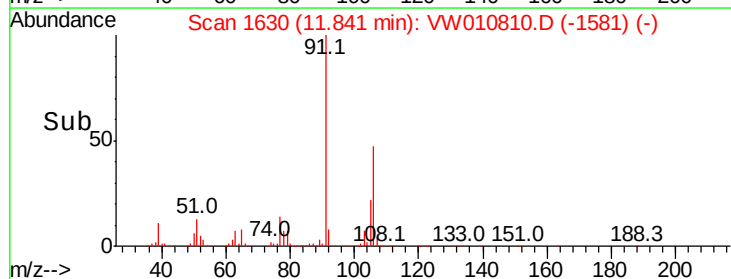
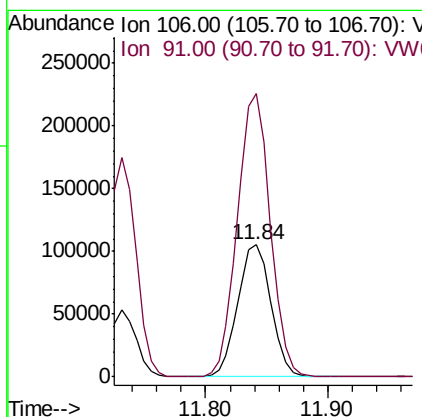
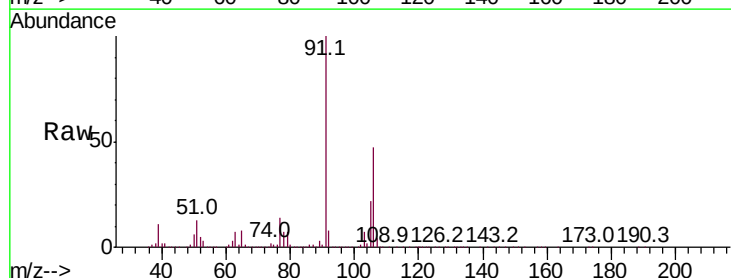
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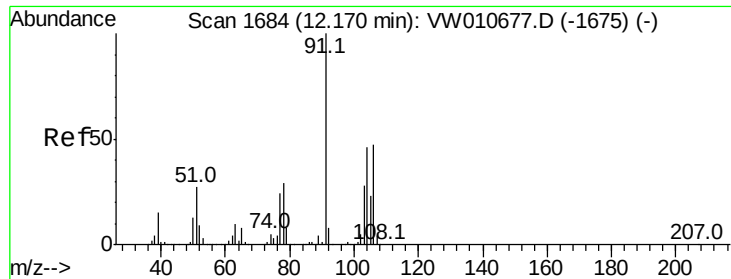
MMDadoda
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#68
m/p-Xylenes
Concen: 46.452 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.2	166.5	249.7	





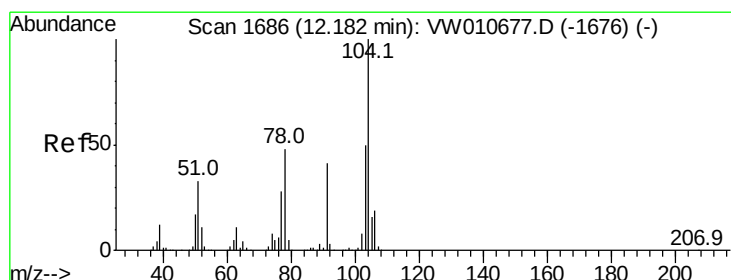
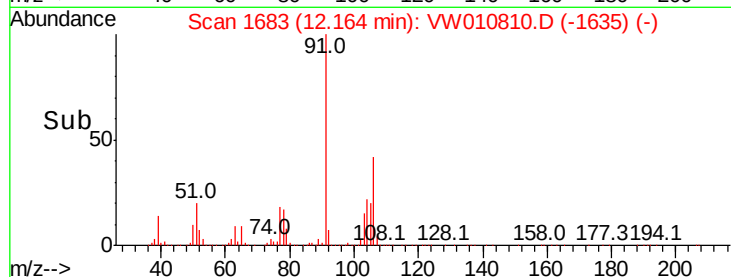
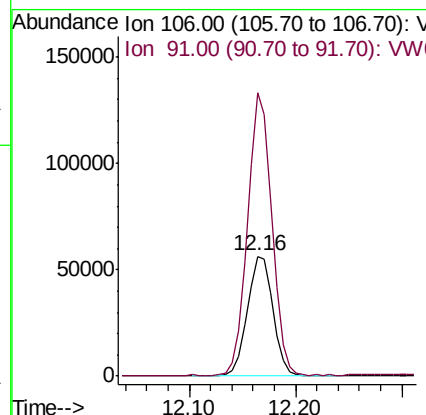
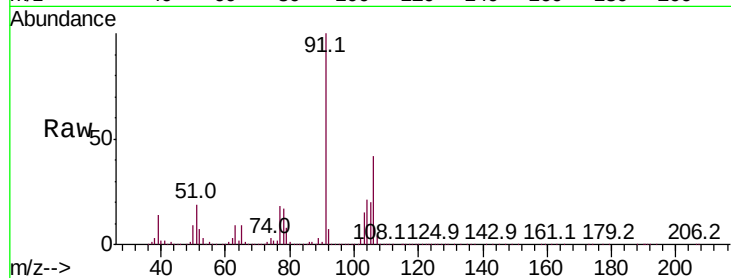
#69
o-Xylene
Concen: 23.539 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion:106 Resp: 95344
Ion Ratio Lower Upper
106 100
91 223.6 108.9 326.6

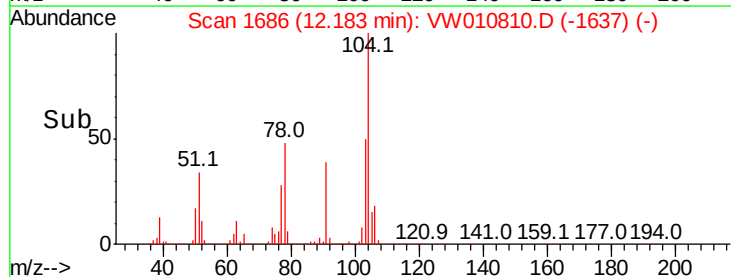
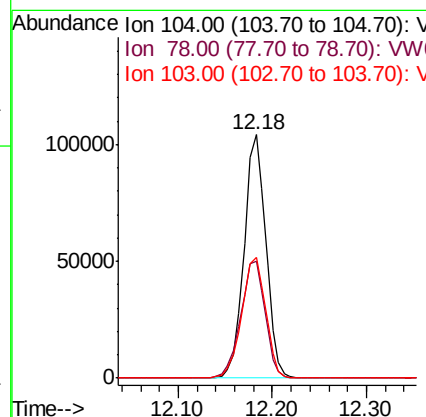
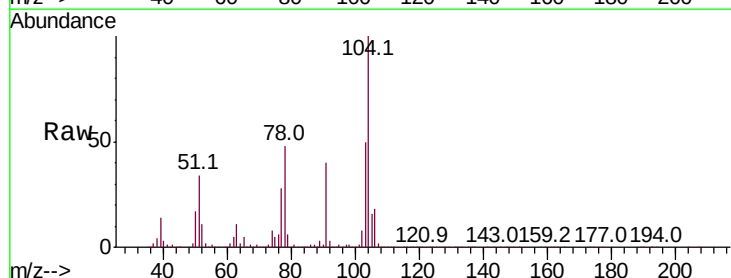
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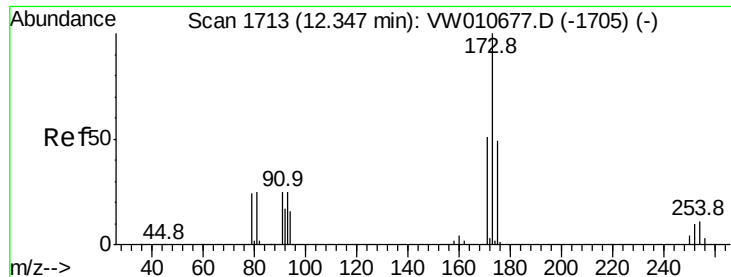
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#70
Styrene
Concen: 23.872 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion:104 Resp: 167968
Ion Ratio Lower Upper
104 100
78 53.5 42.7 64.1
103 54.8 43.6 65.4





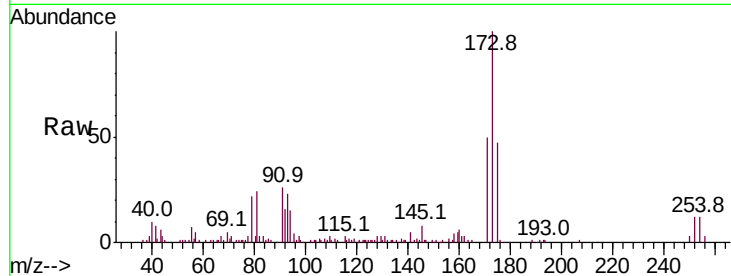
#71
Bromoform
Concen: 24.153 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.7	24.3	72.8
254	0.0	0.1	0.1#

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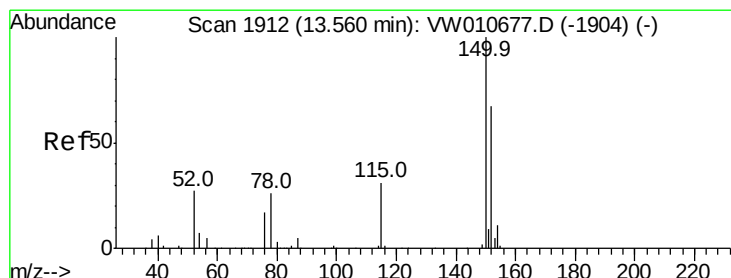
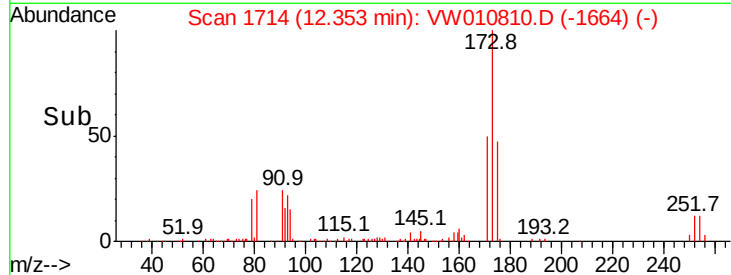
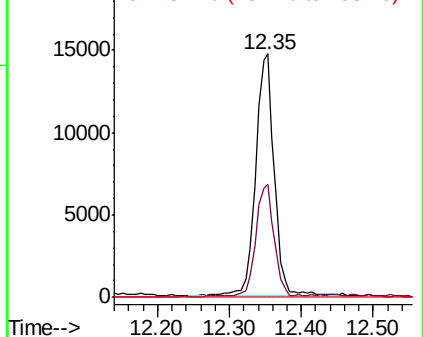


Abundance

Ion 172.70 (172.40 to 173.40): V

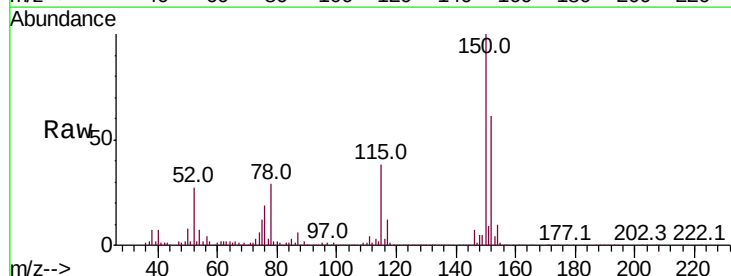
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.8	89.3
150	164.9	0.0	345.0

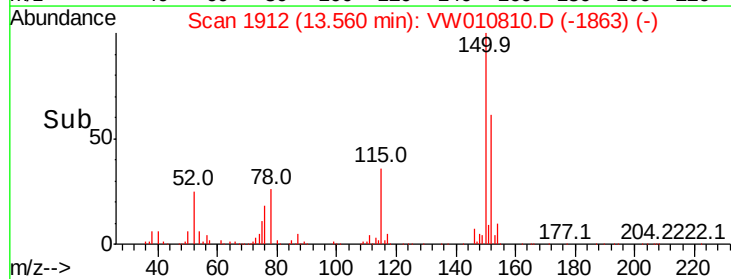
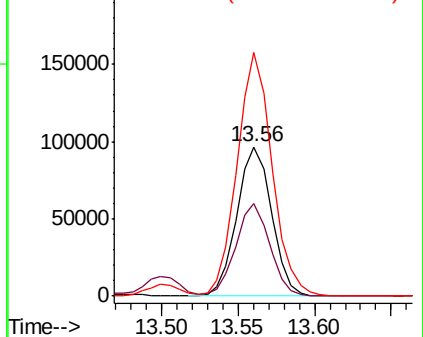


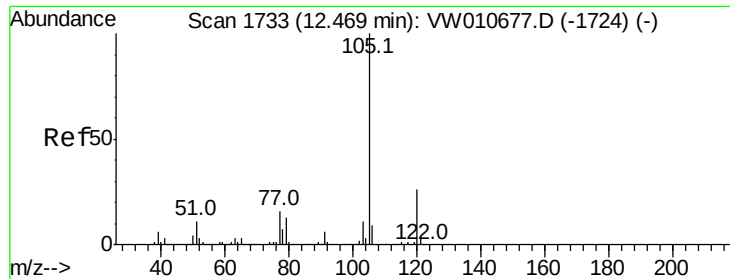
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





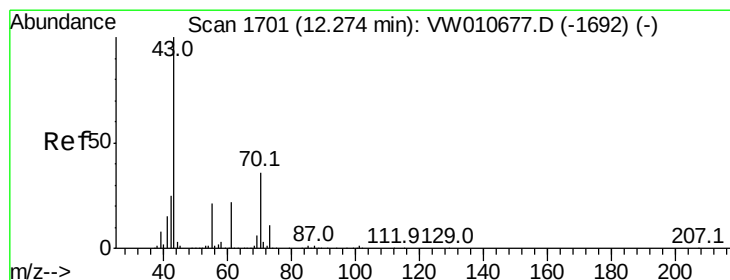
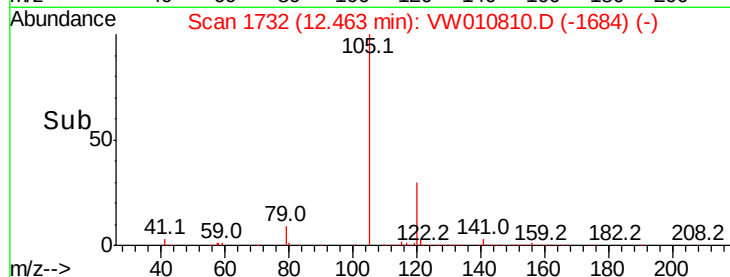
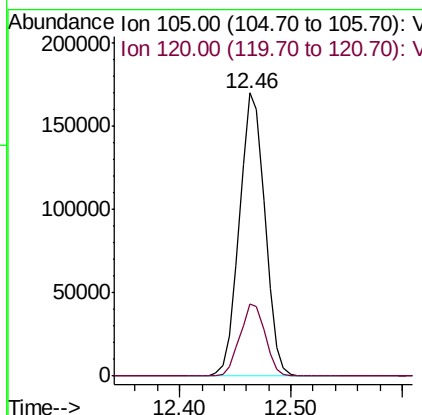
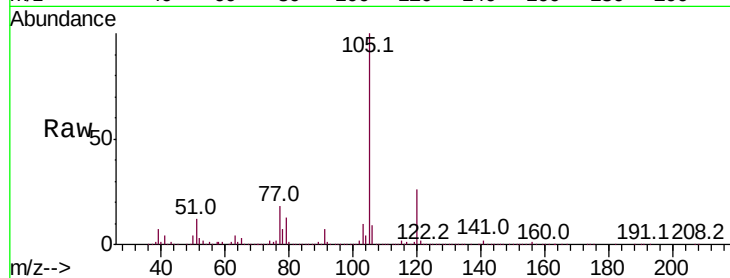
#73
Isopropylbenzene
Concen: 23.684 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.1	39.1

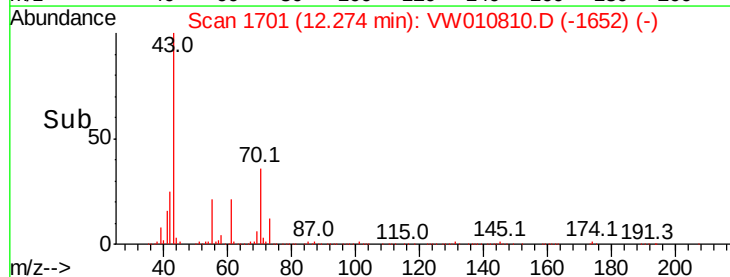
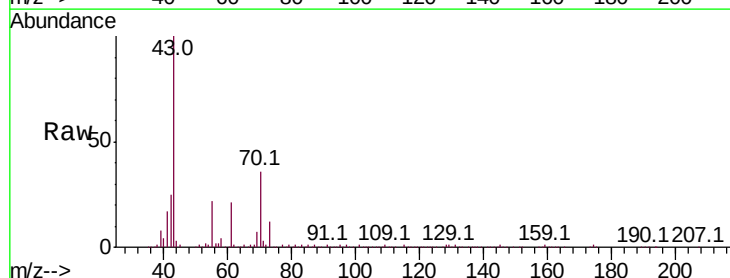
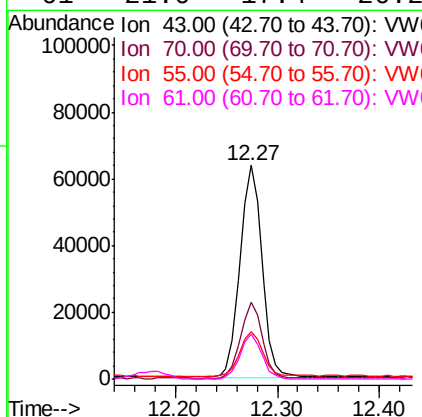
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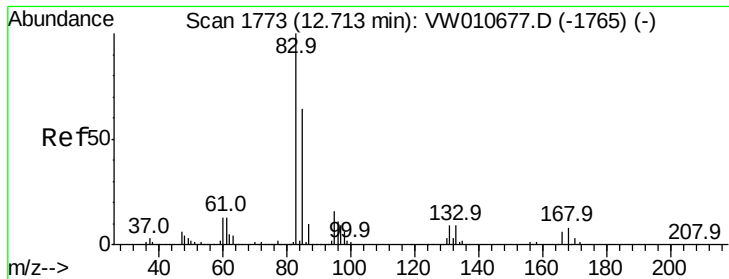
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#74
N-ethyl acetate
Concen: 25.747 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.2	29.2	43.8
55	22.1	17.5	26.3
61	21.0	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 24.002 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

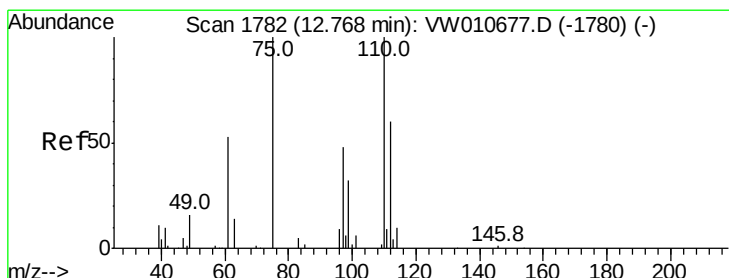
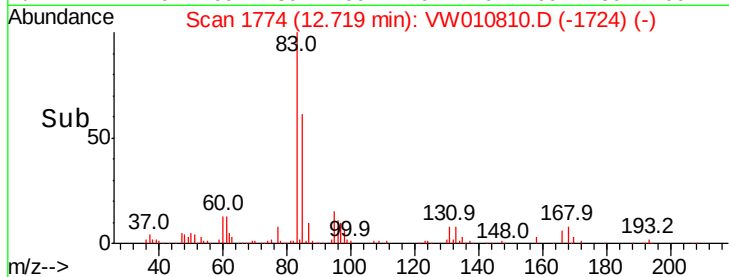
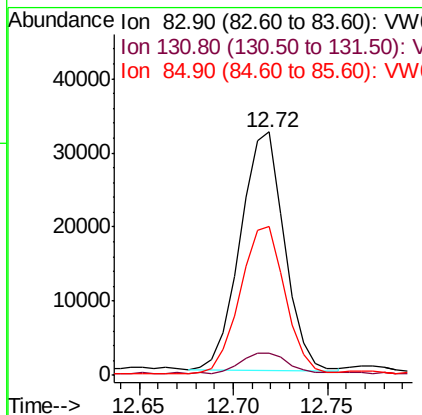
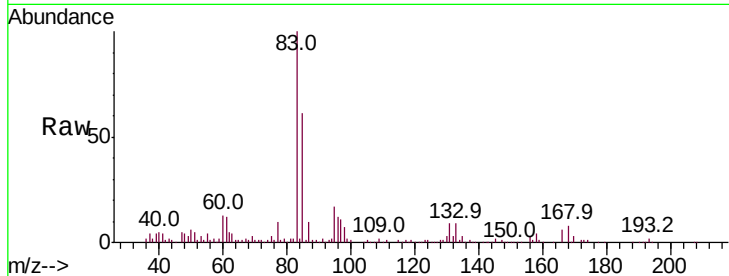
ClientSampleId :

VW0614SBSD01

Tot Ion:	83	Resp:	52103
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.9	14.7
85	63.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 23.472 ug/l m

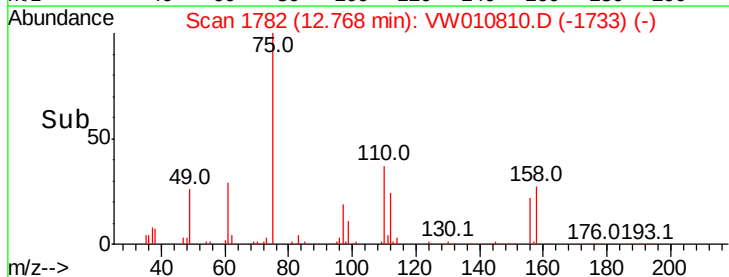
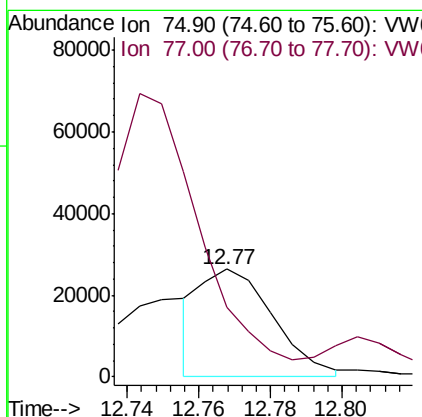
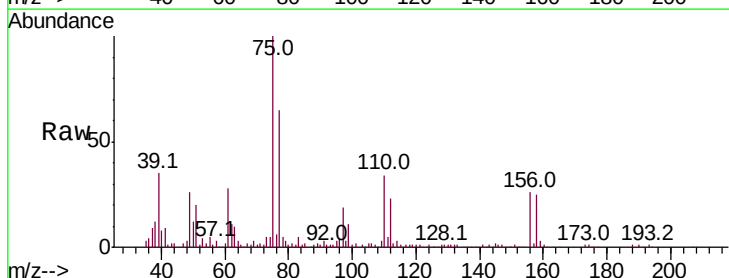
RT: 12.77 min Scan# 1782

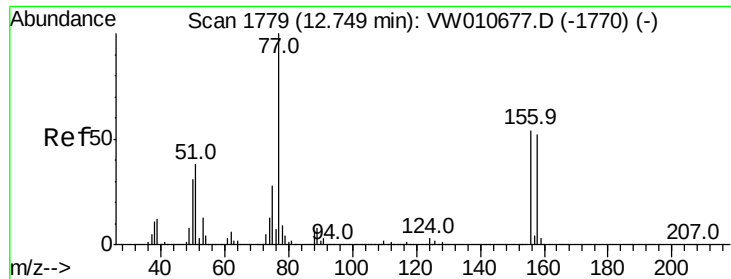
Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion:	75	Resp:	37403
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 23.504 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion:156 Resp: 58503

Ion Ratio Lower Upper

156 100

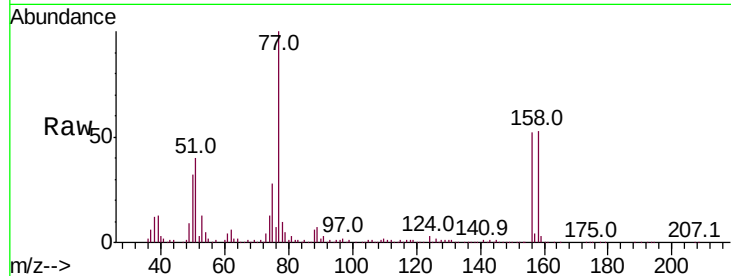
77 217.2 106.5 319.4

158 98.1 48.3 144.9

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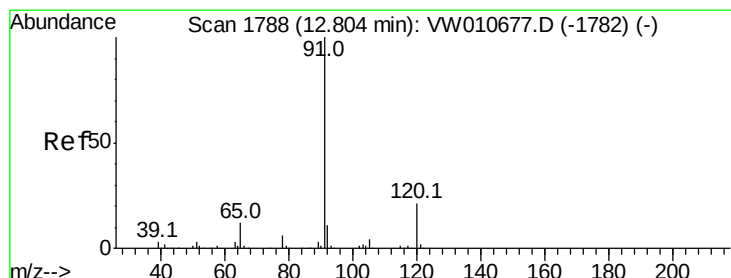
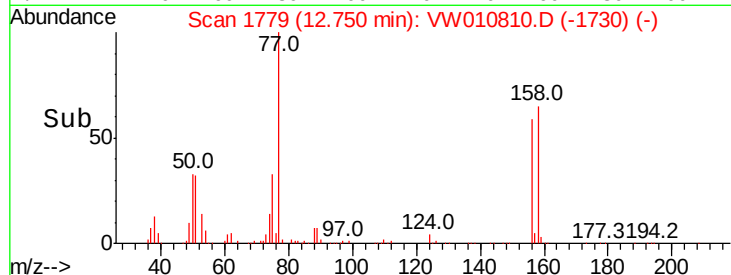
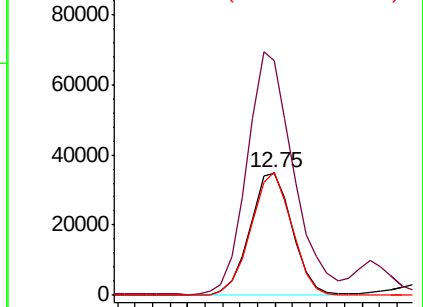
6/17/2019 1:23:21 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.508 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010810.D

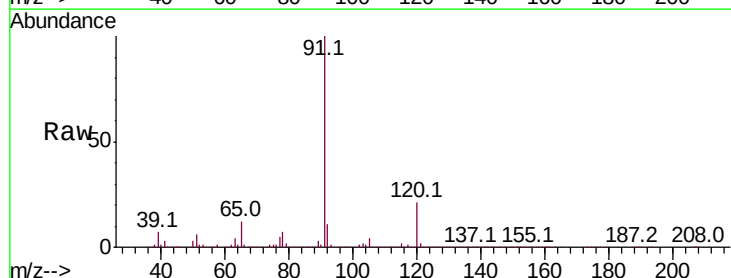
Acq: 14 Jun 2019 13:22

Tgt Ion: 91 Resp: 323226

Ion Ratio Lower Upper

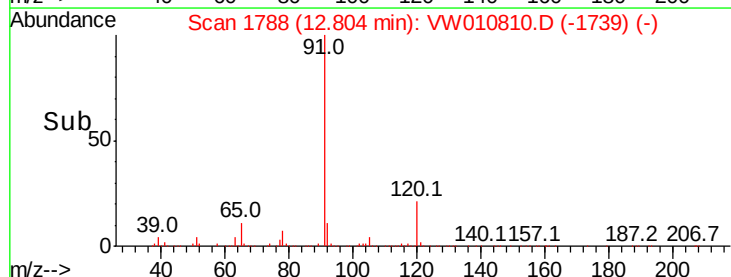
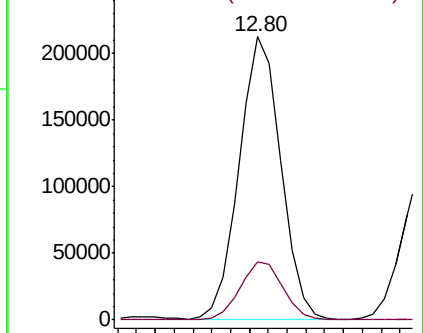
91 100

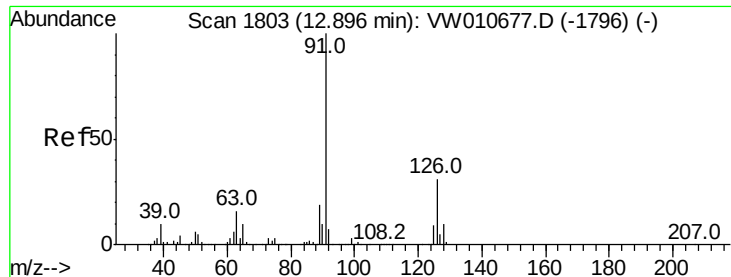
120 21.2 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.643 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

ClientSampleId :

VW0614SBSD01

Tot Ion: 91 Resp: 185723

Ion Ratio Lower Upper

91 100

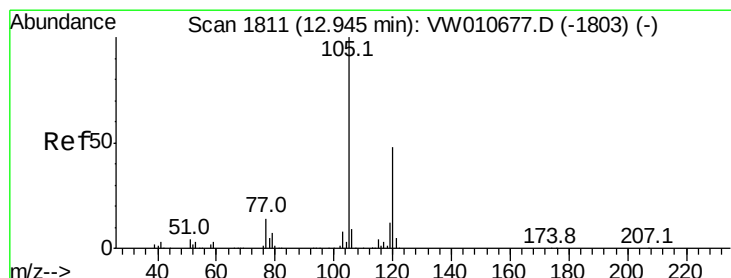
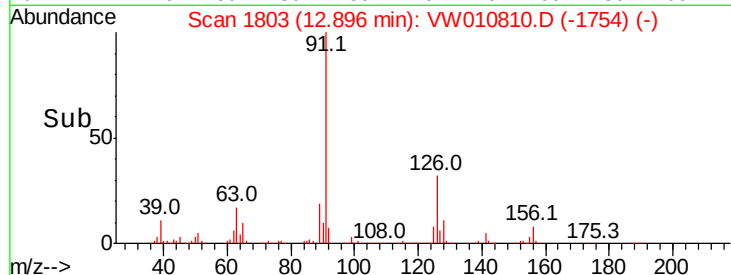
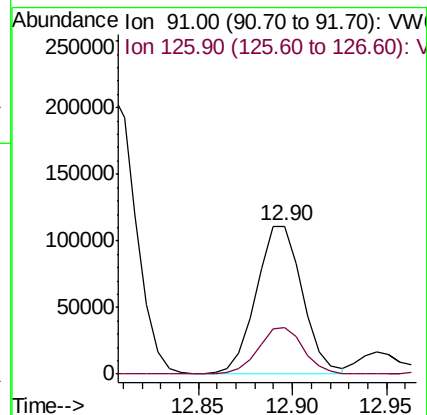
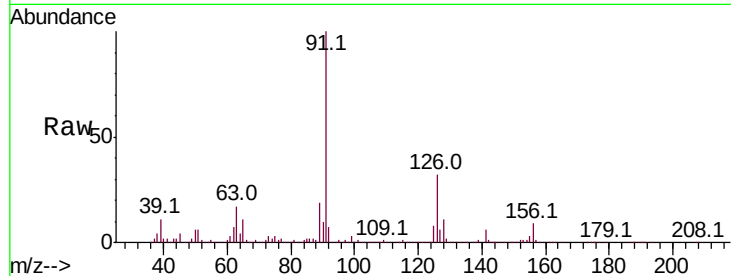
126 32.0 15.7 47.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 23.699 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010810.D

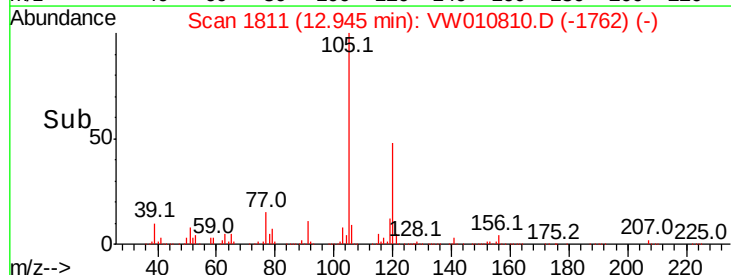
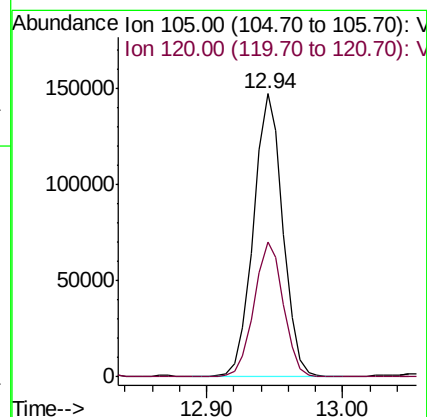
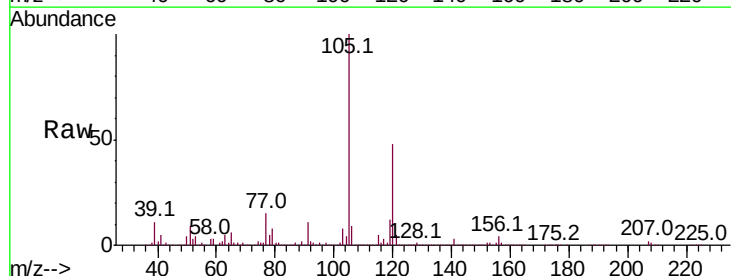
Acq: 14 Jun 2019 13:22

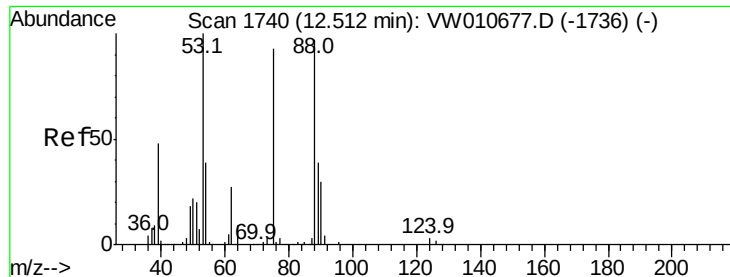
Tgt Ion:105 Resp: 221189

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.8





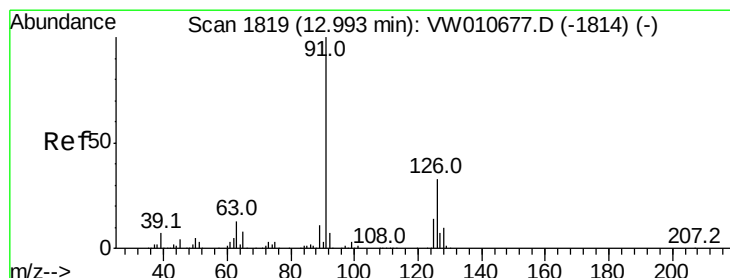
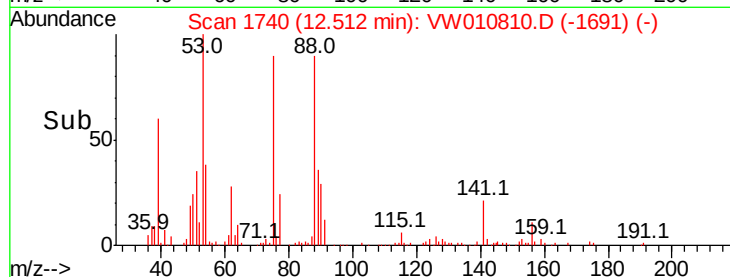
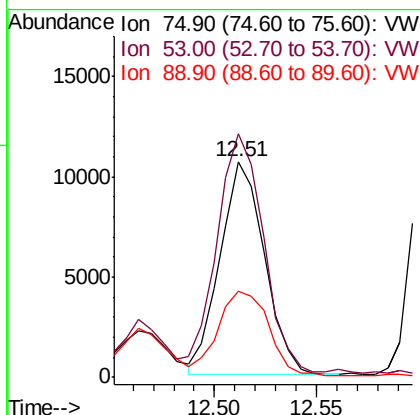
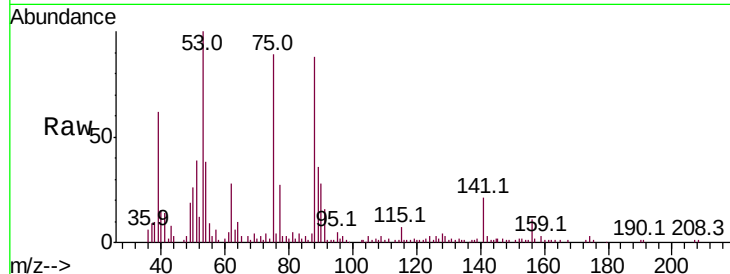
#81
trans-1,4-Dichloro-2-butene
Concen: 23.162 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.7	90.1	135.1
89	47.5	34.6	52.0

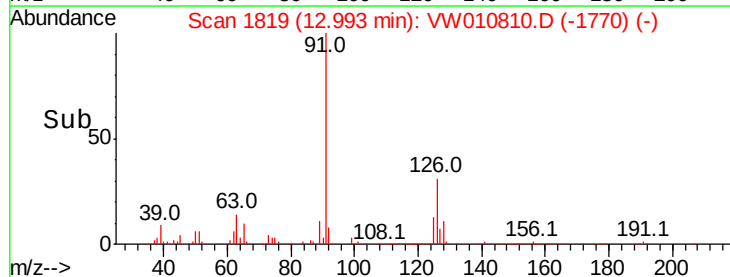
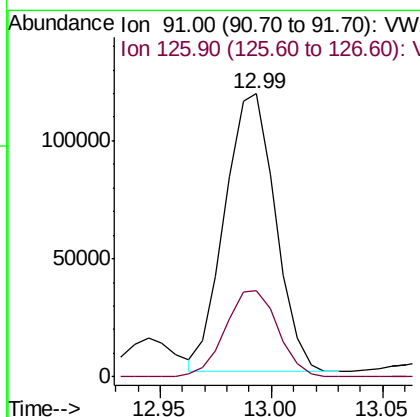
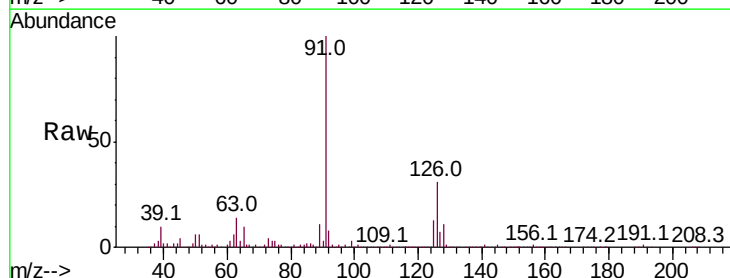
Manual Integrations
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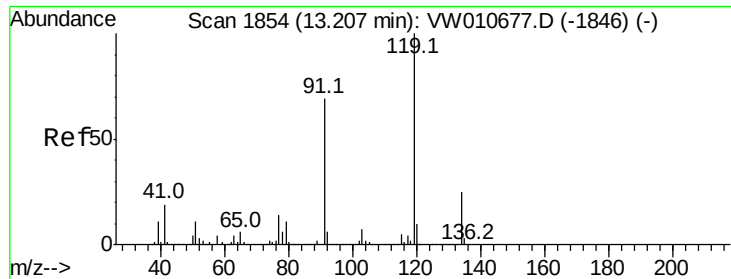
MMDadoda
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#82
4-Chlorotoluene
Concen: 23.047 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.9	47.7





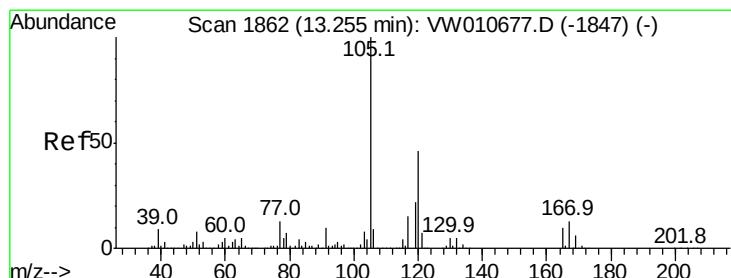
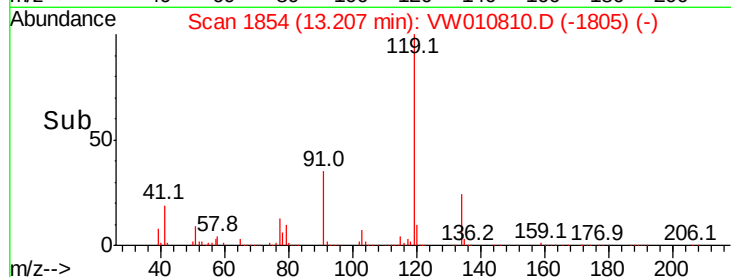
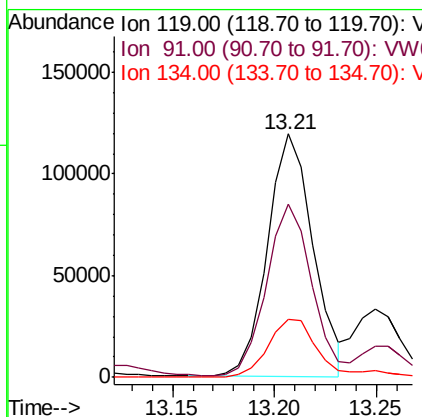
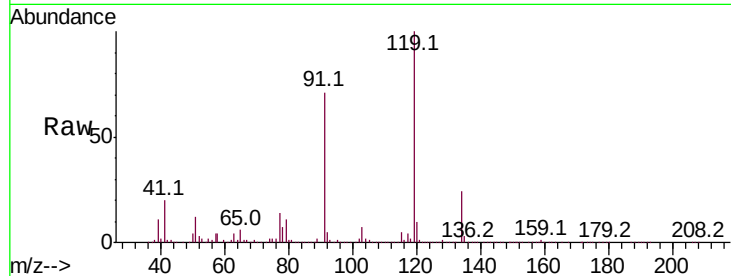
#83
tert-Butylbenzene
Concen: 23.440 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	185671		
91	70.4	35.1	105.3	
134	27.1	13.6	40.7	

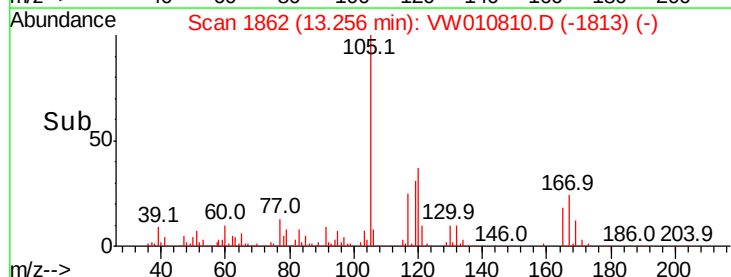
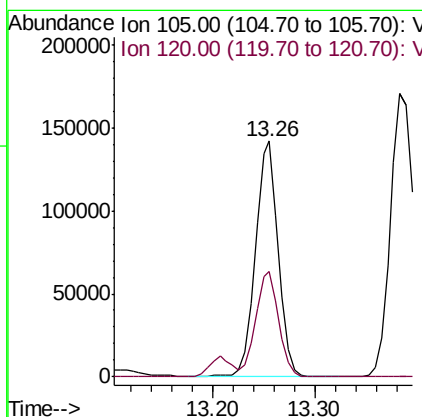
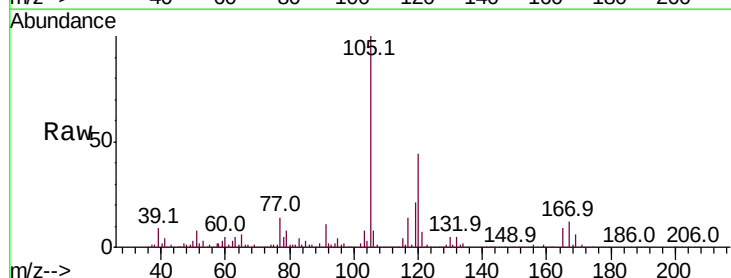
Manual Integrations
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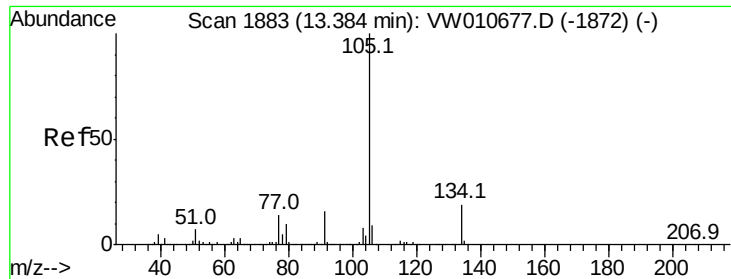
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 23.515 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220855		
120	45.0	22.5	67.5	





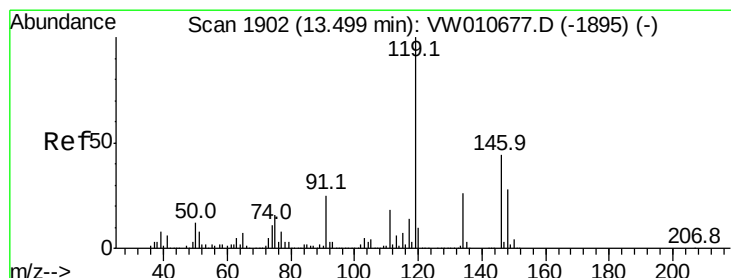
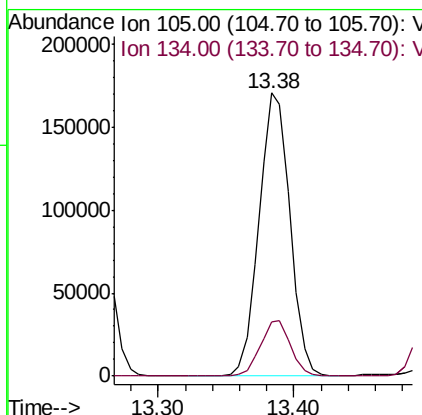
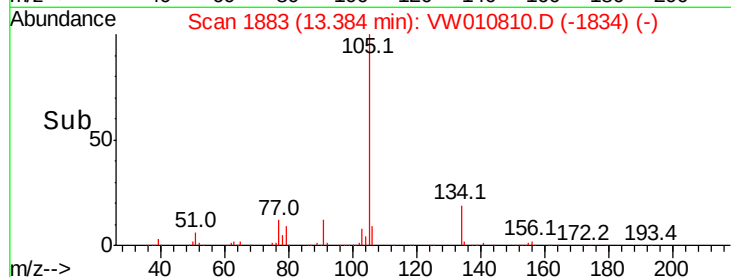
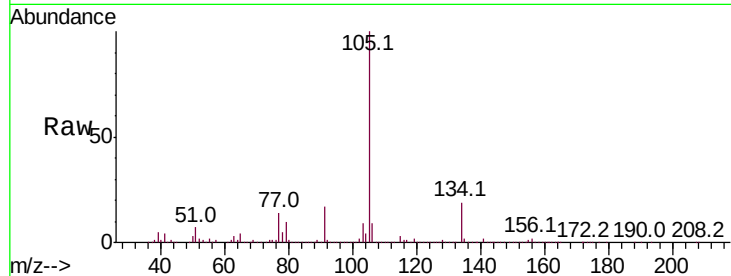
#85
 sec-Butylbenzene
 Concen: 23.547 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	271561		
134	19.3	9.7	28.9	

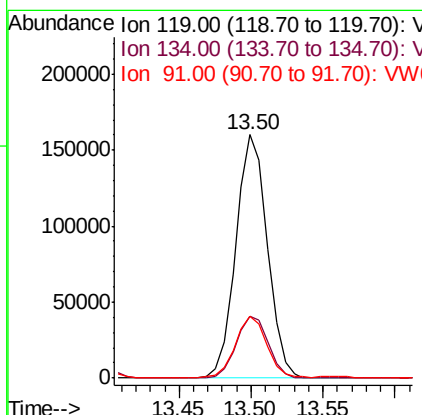
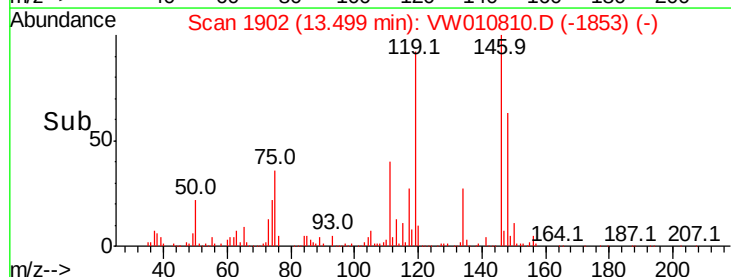
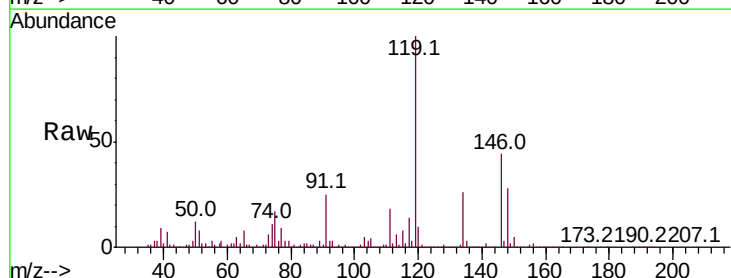
Manual Integrations
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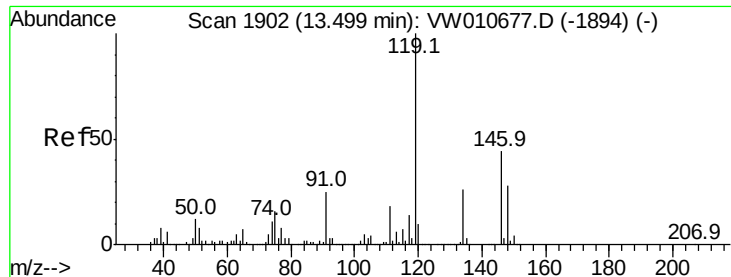
MMDadoda
 6/17/2019 1:23:21 PM



#86
 p-Isopropyltoluene
 Concen: 23.480 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	242153		
134	25.7	13.0	39.0	
91	24.8	12.2	36.4	





#87

1,3-Dichlorobenzene

Concen: 23.624 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

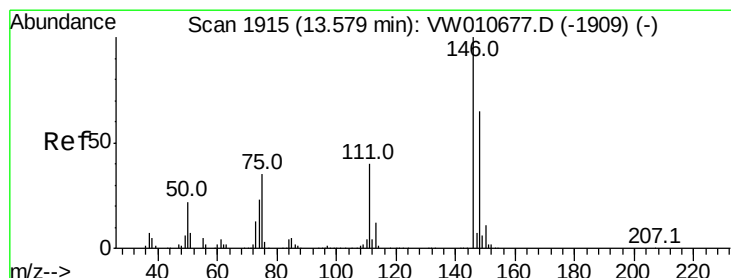
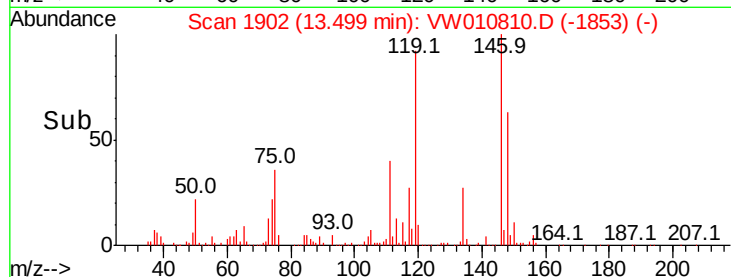
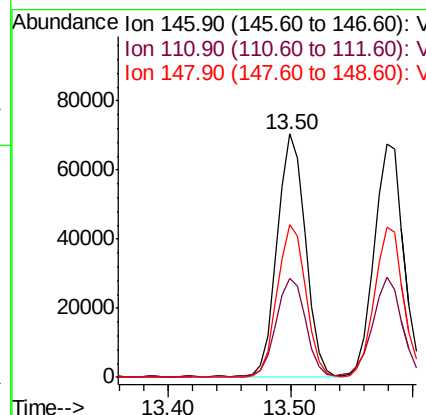
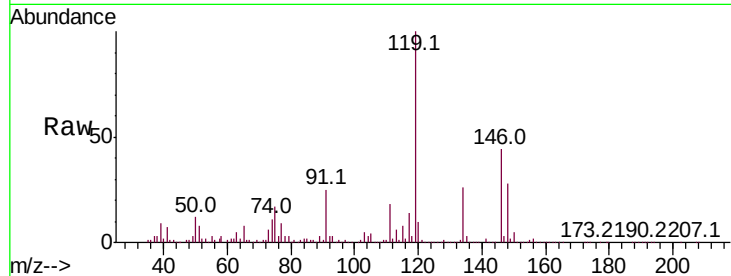
Instrument :
MSVOA_W

ClientSampleId :
VW0614SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	113395		
111	41.5	20.4	61.3	
148	63.4	31.5	94.5	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 23.612 ug/l

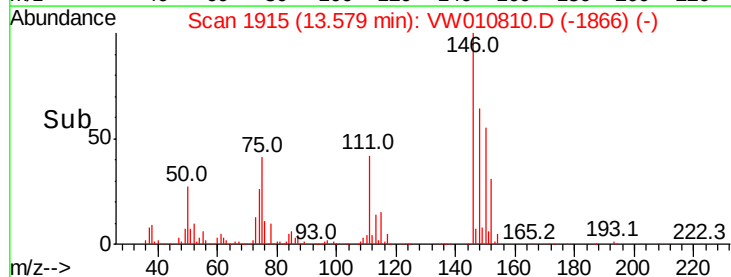
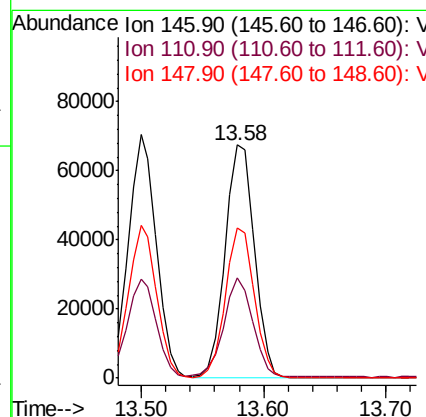
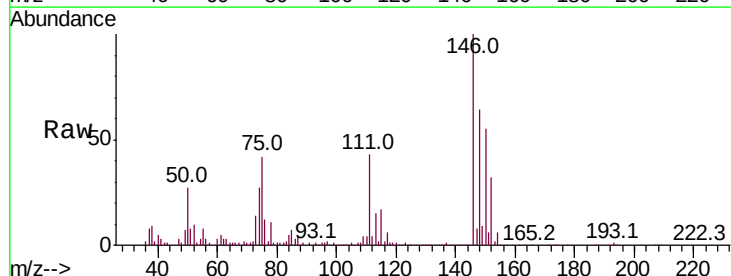
RT: 13.58 min Scan# 1915

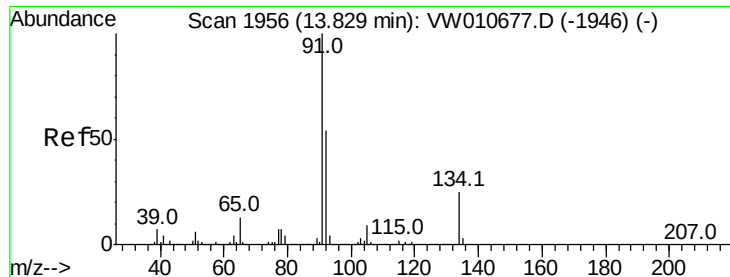
Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112360		
111	42.1	20.3	60.9	
148	63.1	32.4	97.2	





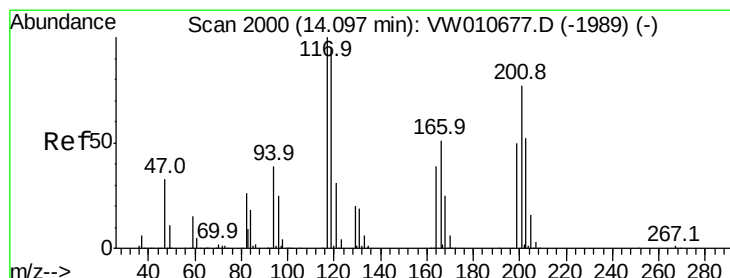
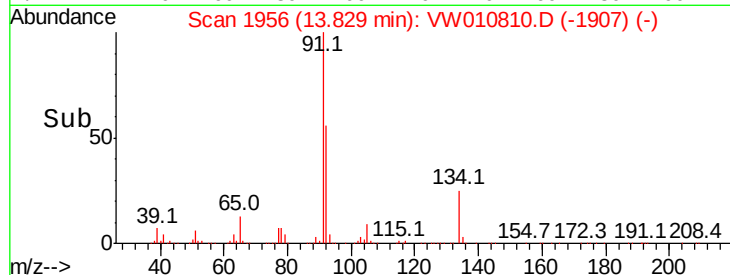
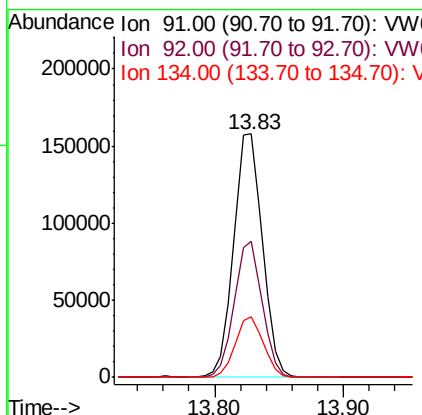
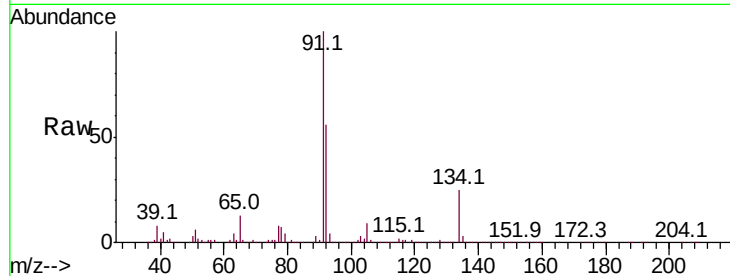
#89
n-Butylbenzene
Concen: 23.707 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Instrument :
MSVOA_W
ClientSampleId :
VW0614SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	24.6	12.3	36.9

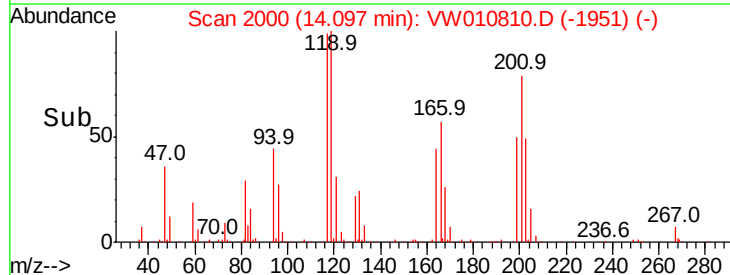
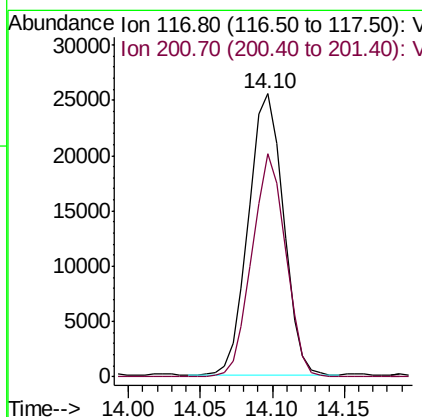
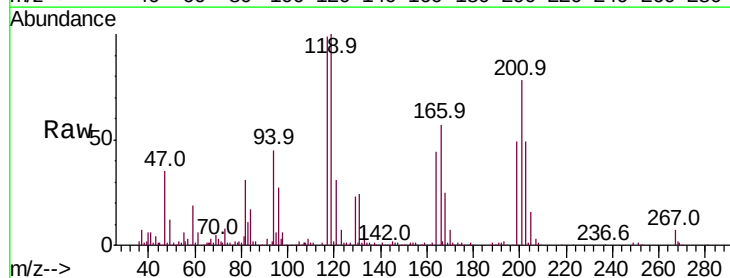
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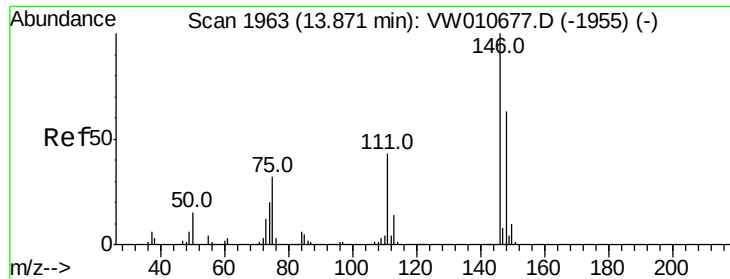
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#90
Hexachloroethane
Concen: 23.125 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010810.D
Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.5	38.8	116.4





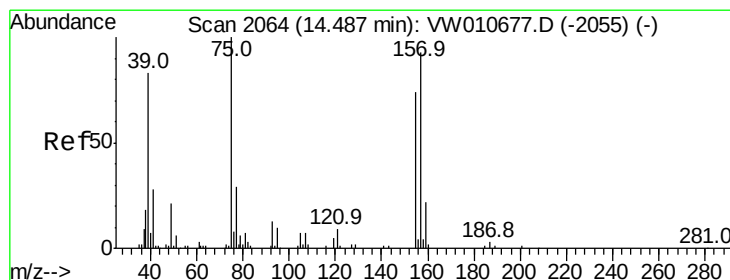
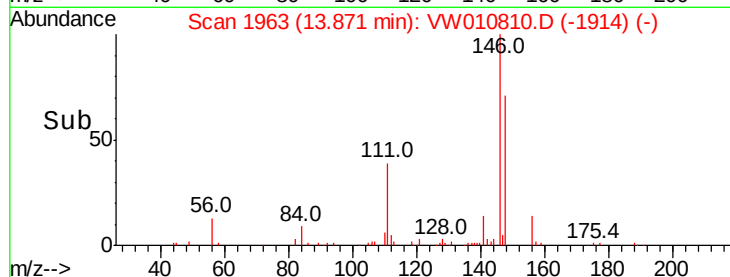
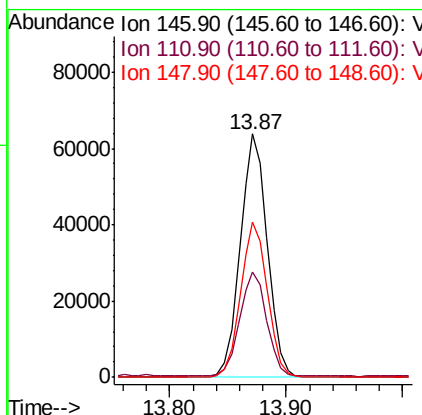
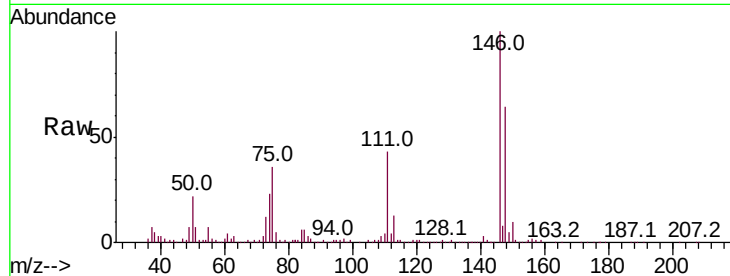
#91
 1,2-Dichlorobenzene
 Concen: 23.792 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.6	31.9	95.5

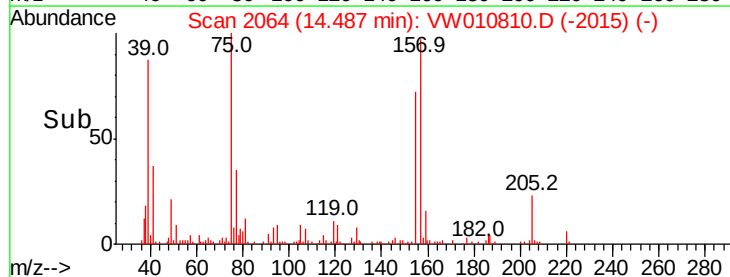
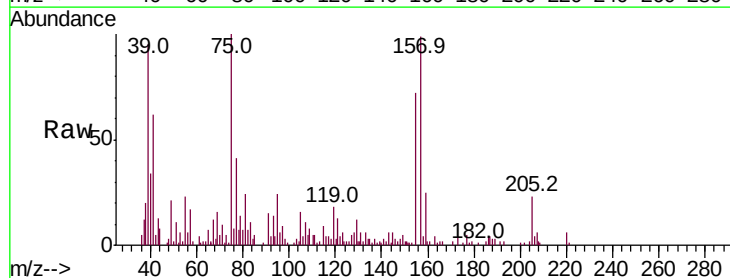
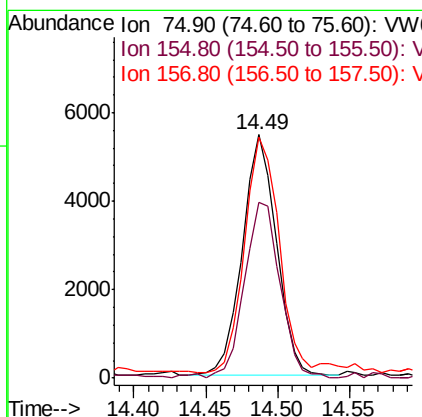
Manual Integrations
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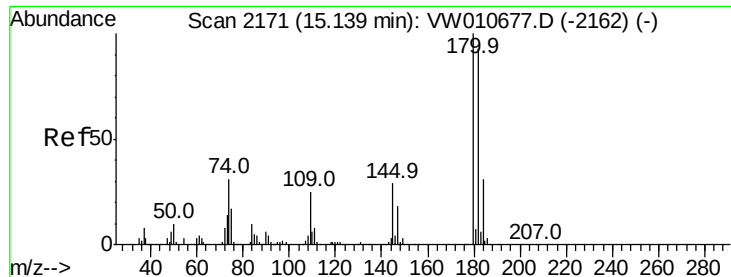
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.074 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.4	38.8	116.4
157	98.8	48.4	145.0





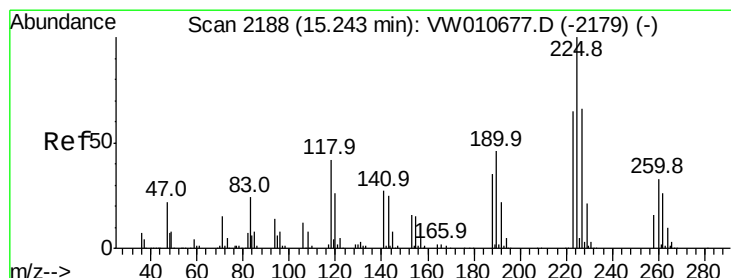
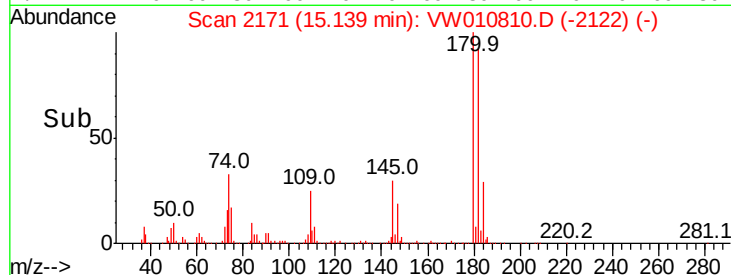
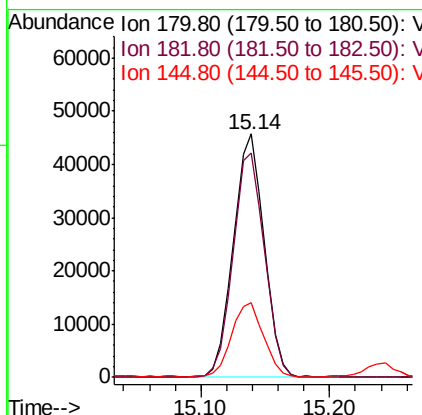
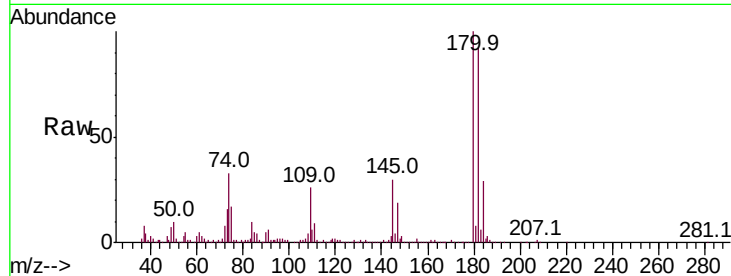
#93
 1,2,4-Trichlorobenzene
 Concen: 25.127 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0614SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.0	47.1	141.4	
145	31.2	15.2	45.5	

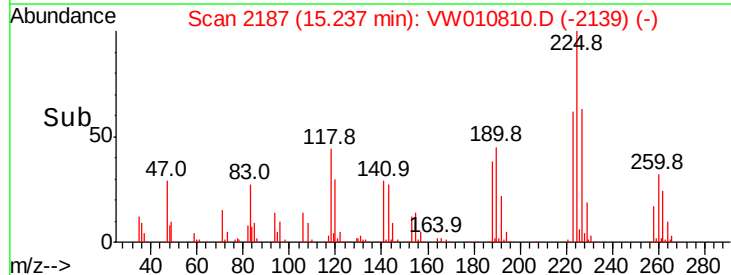
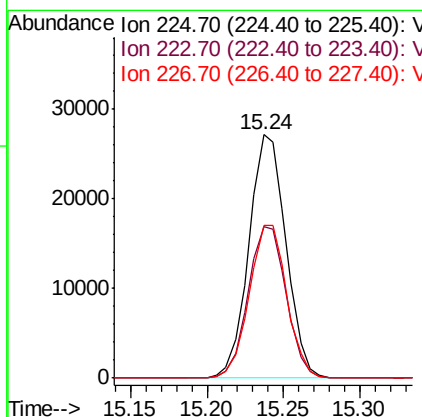
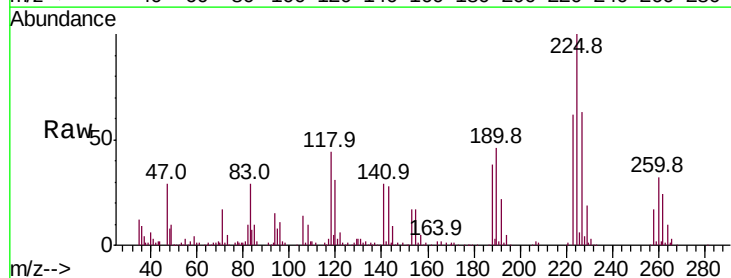
Manual Integrations
 APPROVED

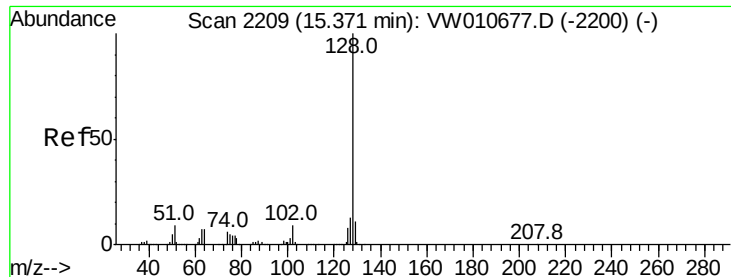
MMDadoda
 6/17/2019 1:23:21 PM



#94
 Hexachlorobutadiene
 Concen: 24.104 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010810.D
 Acq: 14 Jun 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	32.2	96.6	
227	63.5	32.0	96.0	





#95

Naphthalene

Concen: 26.137 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Instrument :

MSVOA_W

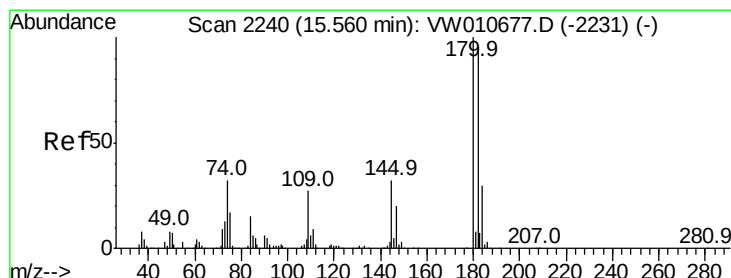
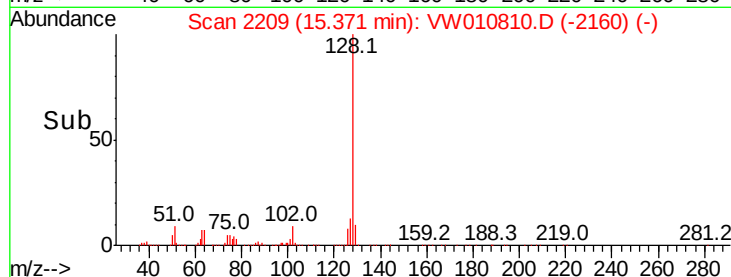
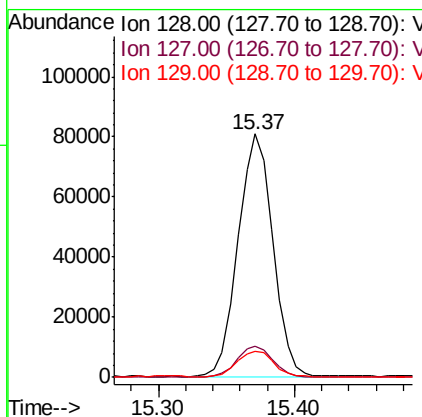
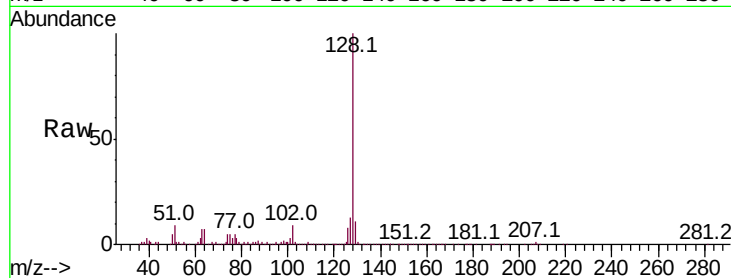
ClientSampleId :

VW0614SBS01

Tot Ion:	128	Resp:	143851
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/17/2019 1:23:21 PM



#96

1,2,3-Trichlorobenzene

Concen: 25.721 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010810.D

Acq: 14 Jun 2019 13:22

Tgt Ion:	180	Resp:	66261
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.0	141.0
145	33.3	16.1	48.3

