

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010447.D
 Acq On : 20 May 2019 14:06
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 5/21/2019 11:28:25 AM

Quant Time: May 21 06:54:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	838555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1400414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1214012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	592172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	392682	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	7.88	113	425502	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.32	98	1666519	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.62	95	611142	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	304760	40.743	ug/l	97
3) Chloromethane	2.21	50	383356	43.511	ug/l	100
4) Vinyl Chloride	2.36	62	443400	43.448	ug/l	99
5) Bromomethane	2.76	94	288683	41.118	ug/l	97
6) Chloroethane	2.91	64	291863	44.551	ug/l	99
7) Trichlorofluoromethane	3.25	101	663080	44.009	ug/l	99
8) Diethyl Ether	3.68	74	189662	39.711	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	411180	44.314	ug/l	98
10) Methyl Iodide	4.27	142	471486	44.456	ug/l	99
11) Tert butyl alcohol	5.16	59	135452	173.982	ug/l	97
12) 1,1-Dichloroethene	4.03	96	387307	43.727	ug/l	99
13) Acrolein	3.89	56	104930	229.471	ug/l	95
14) Allyl chloride	4.67	41	565727	44.125	ug/l	100
15) Acrylonitrile	5.37	53	387569	193.763	ug/l	98
16) Acetone	4.12	43	353801	200.256	ug/l	99
17) Carbon Disulfide	4.38	76	1109921	42.012	ug/l	99
18) Methyl Acetate	4.67	43	150751	34.888	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	894176	39.600	ug/l	96
20) Methylene Chloride	4.92	84	434567	41.009	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	437958	43.108	ug/l	99
22) Diisopropyl ether	6.31	45	1108669	42.172	ug/l	98
23) Vinyl Acetate	6.25	43	3174476	202.150	ug/l	98
24) 1,1-Dichloroethane	6.21	63	697361	44.452	ug/l	99
25) 2-Butanone	7.17	43	463367	183.267	ug/l	99
26) 2,2-Dichloropropane	7.17	77	702743	47.026	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	482231	43.659	ug/l	99
28) Bromochloromethane	7.51	49	269005	47.892	ug/l	99
29) Tetrahydrofuran	7.52	42	297635	173.965	ug/l	99
30) Chloroform	7.67	83	745021	44.027	ug/l	99
31) Cyclohexane	7.95	56	673262	40.970	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	723335	44.723	ug/l	98
36) 1,1-Dichloropropene	8.09	75	589820	45.212	ug/l	100
37) Ethyl Acetate	7.25	43	212338	38.276	ug/l	99
38) Carbon Tetrachloride	8.07	117	651027	46.261	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	802049	45.889	ug/l	98
40) Benzene	8.32	78	1638902	45.199	ug/l	99
41) Methacrylonitrile	7.48	41	140933	42.756	ug/l	91
42) 1,2-Dichloroethane	8.40	62	440548	42.510	ug/l	100
43) Isopropyl Acetate	8.43	43	431433	38.928	ug/l	99
44) Trichloroethene	9.09	130	485863	45.135	ug/l	100
45) 1,2-Dichloropropane	9.37	63	387395	44.986	ug/l	98
46) Dibromomethane	9.46	93	210290	41.756	ug/l	99
47) Bromodichloromethane	9.64	83	558280	44.112	ug/l	97
48) Methyl methacrylate	9.43	41	209754	41.369	ug/l	92
49) 1,4-Dioxane	9.45	88	66887	813.023	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1068861	190.326	ug/l	100
52) Toluene	10.39	92	1090232	44.772	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	550766	42.970	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	662781	45.277	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	301722	41.662	ug/l	99
56) Ethyl methacrylate	10.65	69	395372	39.584	ug/l	100
57) 1,3-Dichloropropane	10.93	76	509284	41.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	953642	215.560	ug/l	99
59) 2-Hexanone	10.97	43	757378	189.055	ug/l	99
60) Dibromochloromethane	11.13	129	396148	43.221	ug/l	99
61) 1,2-Dibromoethane	11.24	107	300197	40.920	ug/l	100
64) Tetrachloroethene	10.87	164	384655	45.452	ug/l	96
65) Chlorobenzene	11.66	112	1186088	45.842	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	424444	45.794	ug/l	99
67) Ethyl Benzene	11.73	91	2120045	46.410	ug/l	99
68) m/p-Xylenes	11.84	106	1657580	92.512	ug/l	99
69) o-Xylene	12.16	106	780387	45.971	ug/l	99
70) Styrene	12.18	104	1324268	45.977	ug/l	100
71) Bromoform	12.35	173	218963	42.900	ug/l #	98
73) Isopropylbenzene	12.46	105	2174589	46.277	ug/l	100
74) N-amyl acetate	12.27	43	425498	39.514	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	336073	39.320	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	231898m	38.579	ug/l	
77) Bromobenzene	12.75	156	473301	45.009	ug/l	98
78) n-propylbenzene	12.80	91	2530800	46.215	ug/l	100
79) 2-Chlorotoluene	12.90	91	1433126	45.127	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1838449	46.194	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	115445	40.083	ug/l	97
82) 4-Chlorotoluene	12.99	91	1480561	44.916	ug/l	99
83) tert-Butylbenzene	13.21	119	1587539	45.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1811463	45.700	ug/l	100
85) sec-Butylbenzene	13.38	105	2262955	46.515	ug/l	100
86) p-Isopropyltoluene	13.50	119	2038729	46.298	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	934082	45.276	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	928764	44.869	ug/l	99
89) n-Butylbenzene	13.83	91	1976180	47.181	ug/l	99
90) Hexachloroethane	14.10	117	404092	47.410	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	830316	44.170	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	58760	36.973	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	595441	46.555	ug/l	100
94) Hexachlorobutadiene	15.24	225	333122	48.753	ug/l	99
95) Naphthalene	15.37	128	1122654	41.815	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	496063	45.074	ug/l	99

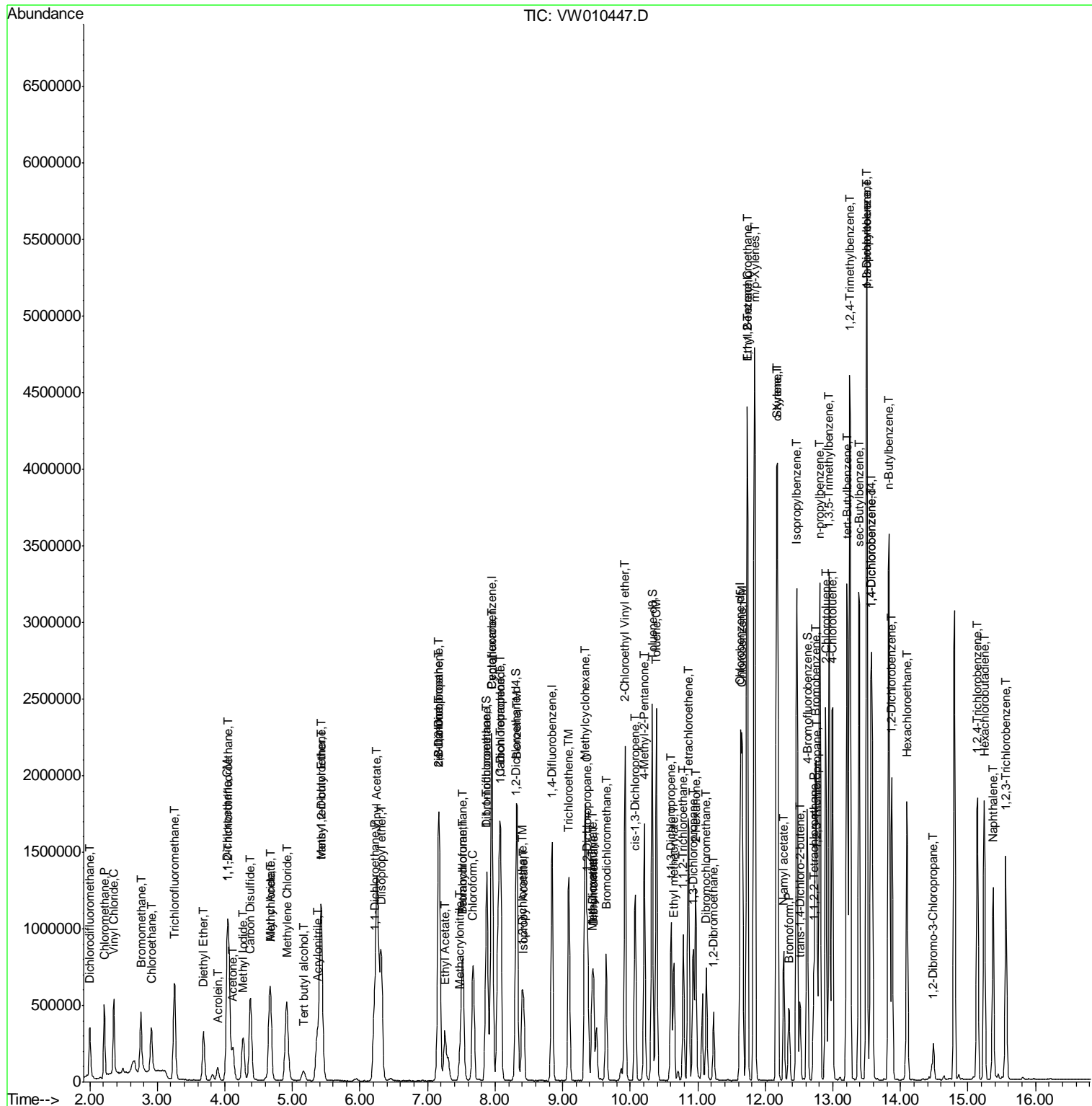
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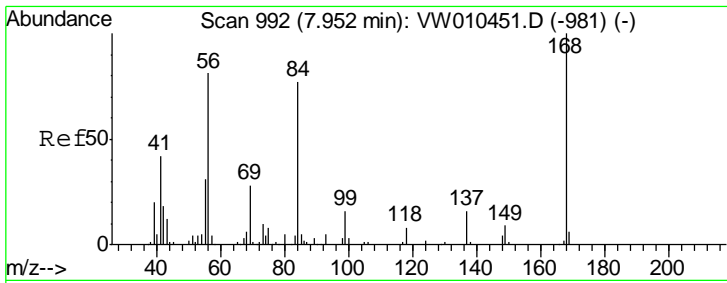
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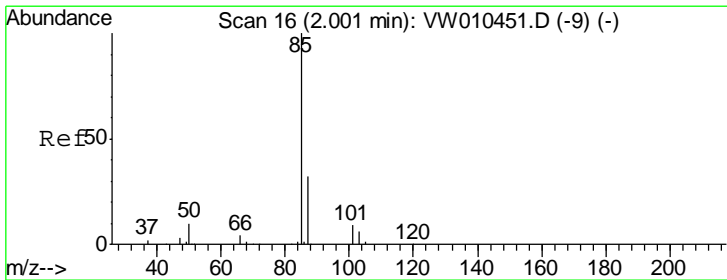
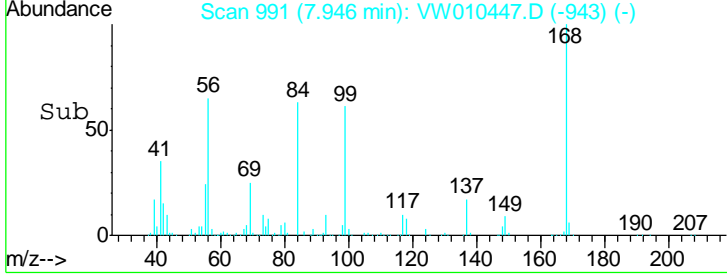
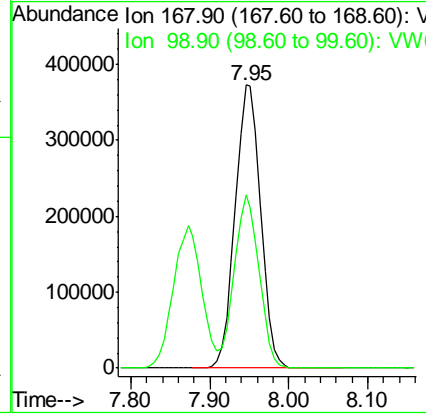
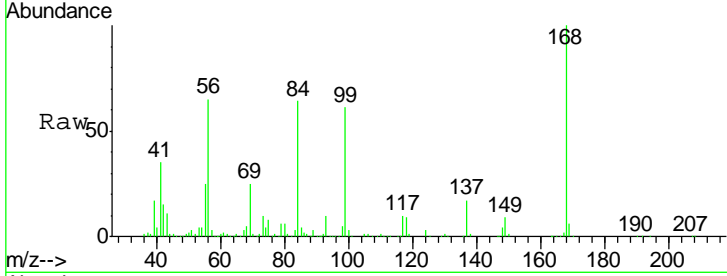
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
168	100		
99	61.3	46.1	69.1

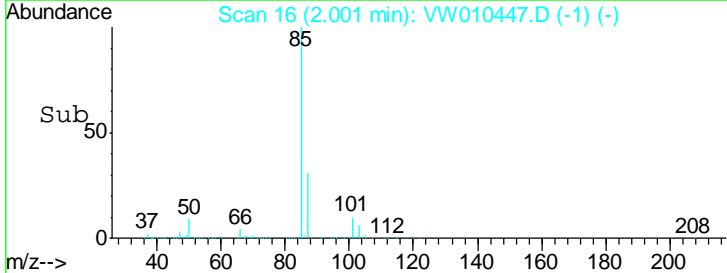
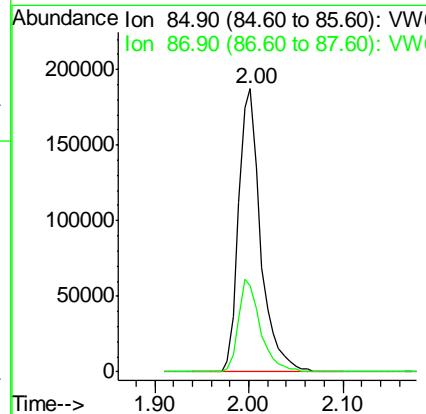
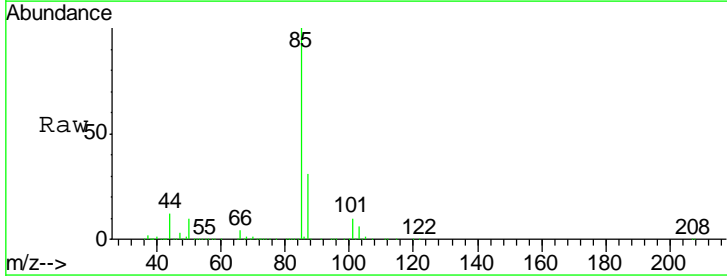
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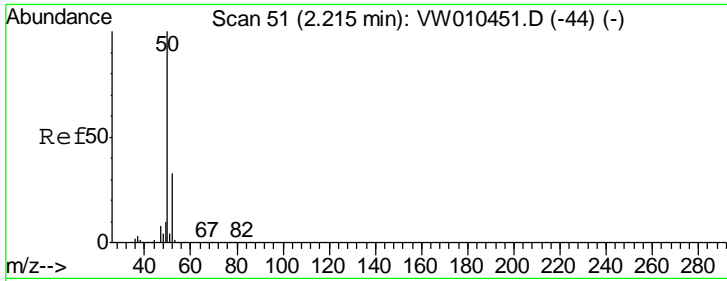
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#2
 Dichlorodifluoromethane
 Concen: 40.743 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
85	100		
87	30.6	16.3	48.8



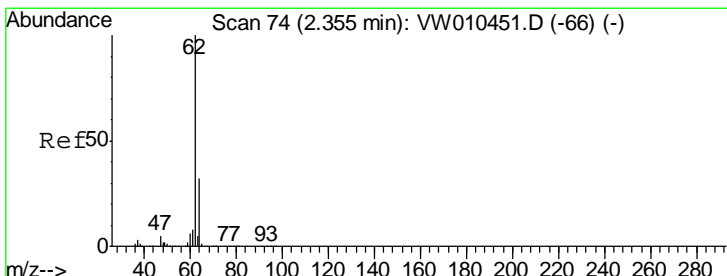
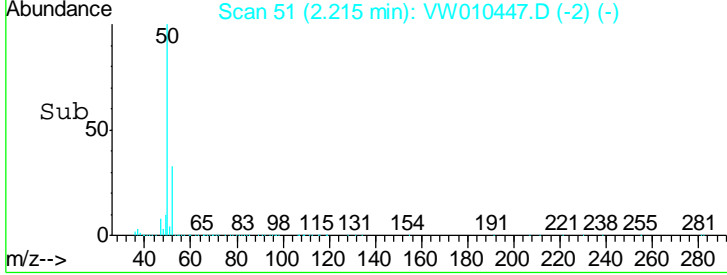
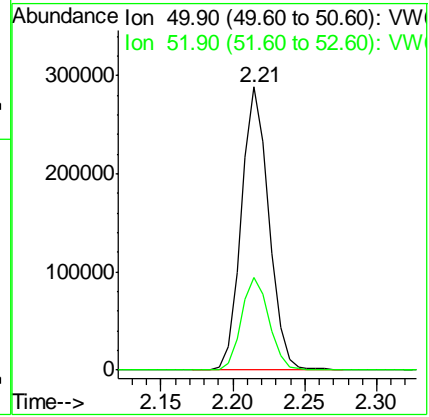
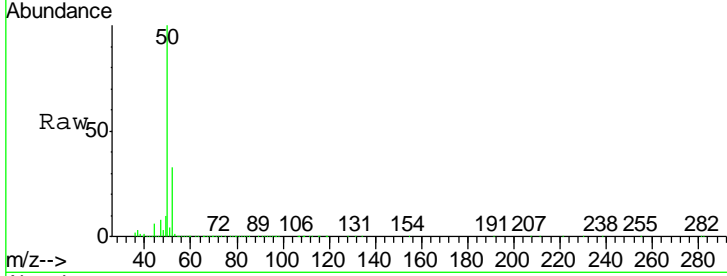


#3
 Chloromethane
 Concen: 43.511 ug/l
 RT: 2.21 min Scan# 51
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
50	100		
52	32.8	26.3	39.5

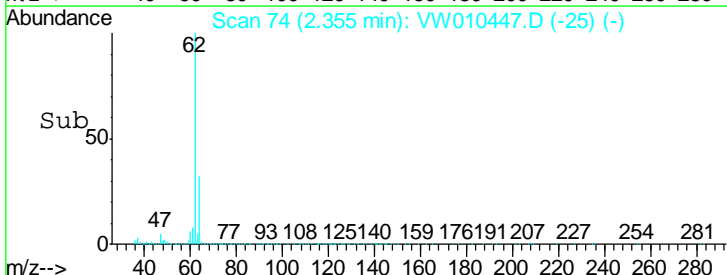
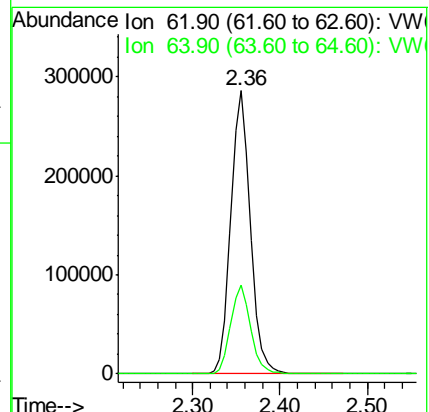
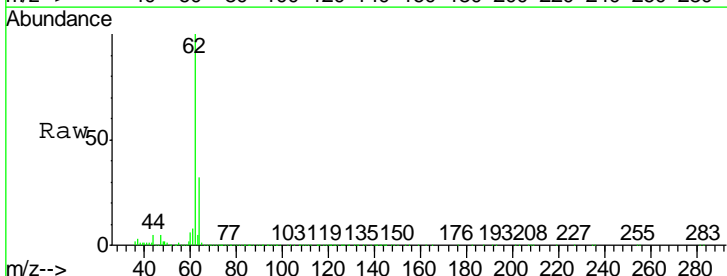
Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

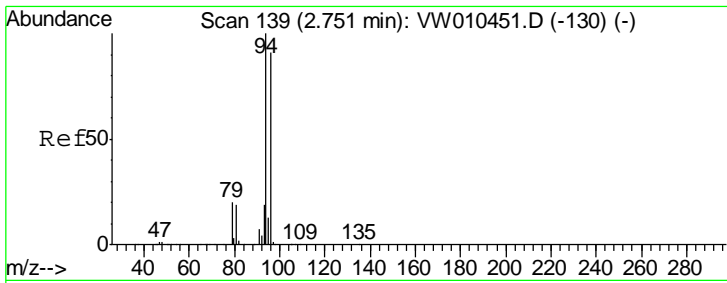
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#4
 Vinyl Chloride
 Concen: 43.448 ug/l
 RT: 2.36 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
62	100		
64	31.6	25.8	38.8



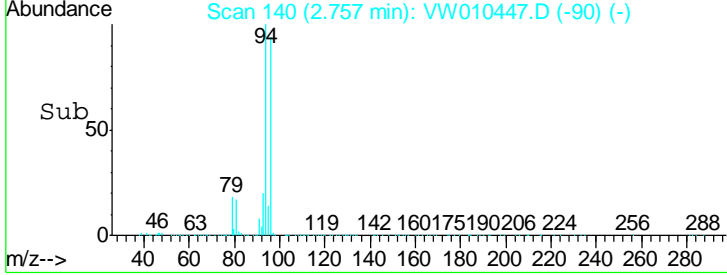
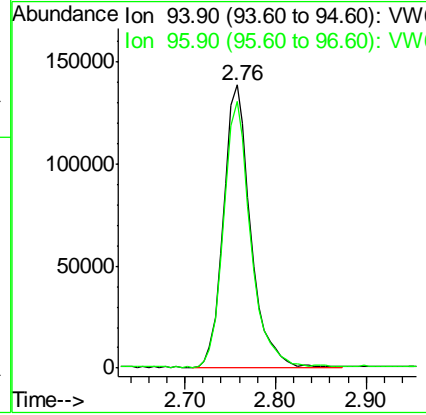
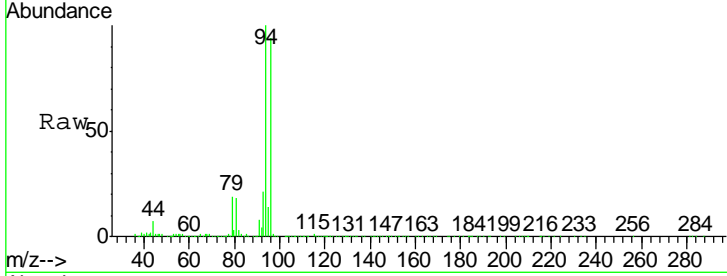


#5
 Bromomethane
 Concen: 41.118 ug/l
 RT: 2.76 min Scan# 140
 Delta R.T. 0.01 min
 Lab File: VW010447.D
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Instrument :
 MSVOA_W
Client Sampled :
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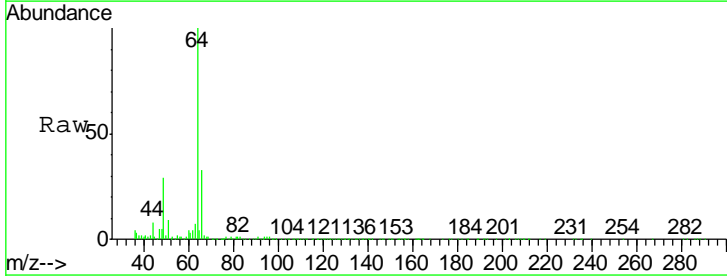
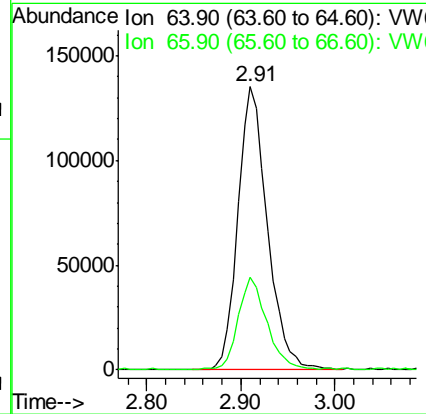
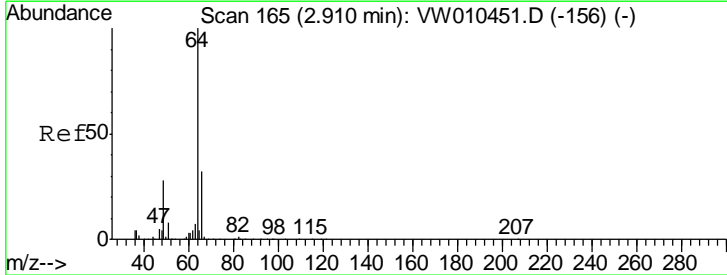
Tgt Ion	Resp	Lower	Upper
94	288683		
96	94.2	72.9	109.3

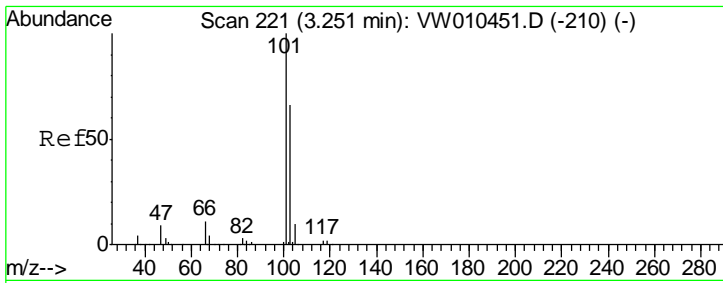
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#6
 Chloroethane
 Concen: 44.551 ug/l
 RT: 2.91 min Scan# 165
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
64	291863		
66	32.4	25.5	38.3



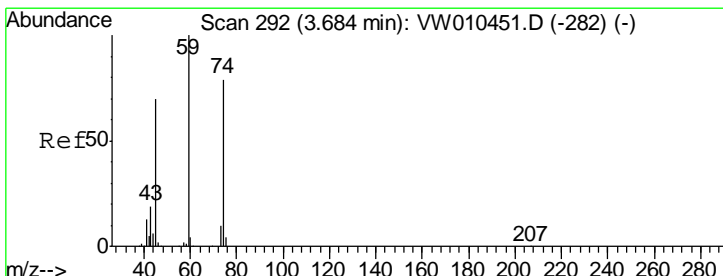
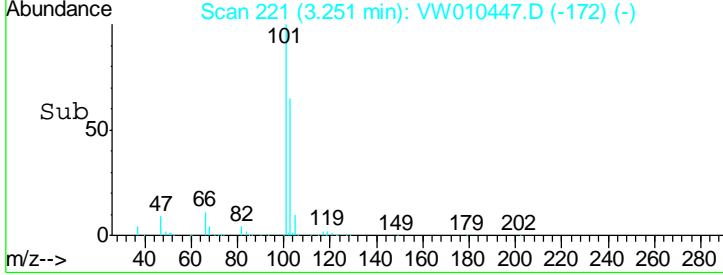
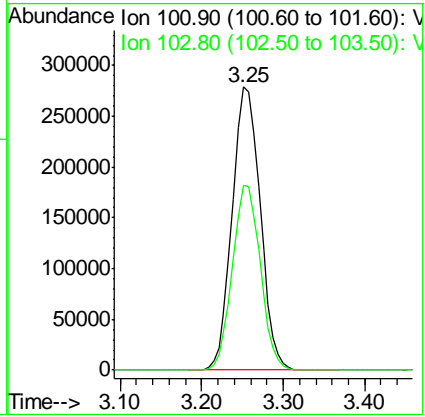
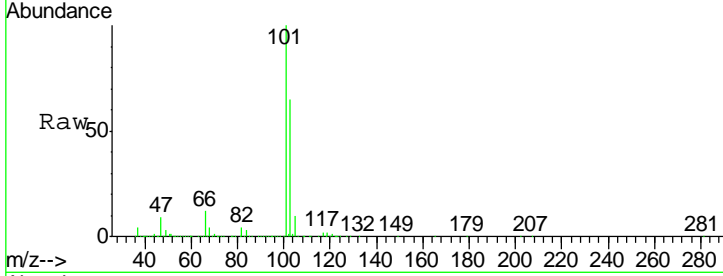


#7
 Trichlorofluoromethane
 Concen: 44.009 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
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ClientSampled :
 VSTDCCC050

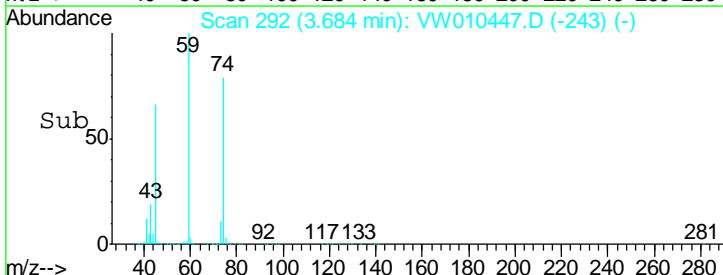
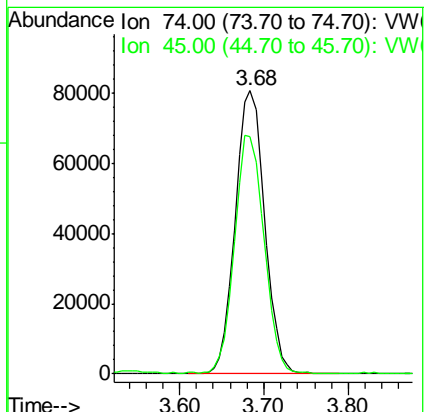
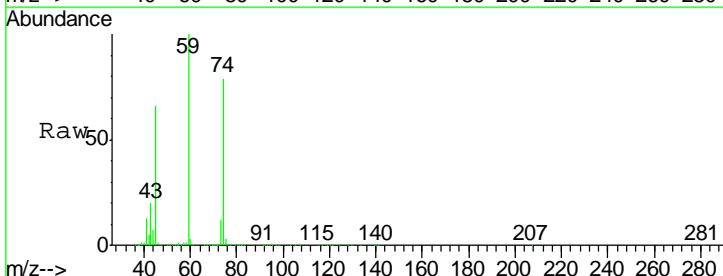
Tgt Ion	Resp	Lower	Upper
101	663080		
103	65.4	53.0	79.4

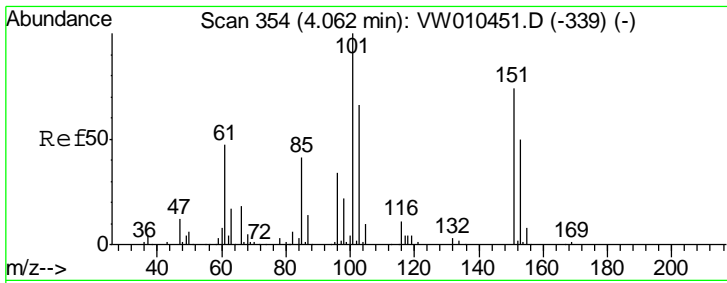
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#8
 Diethyl Ether
 Concen: 39.711 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010447.D
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Tgt Ion	Resp	Lower	Upper
74	189662		
45	84.2	42.9	128.5





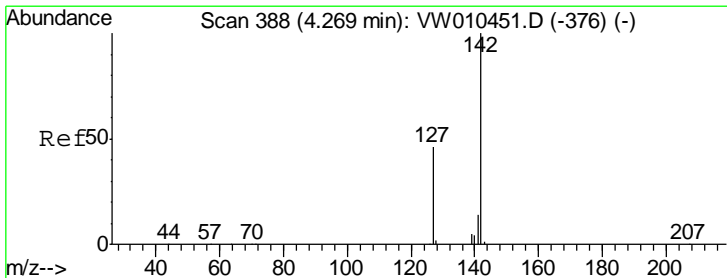
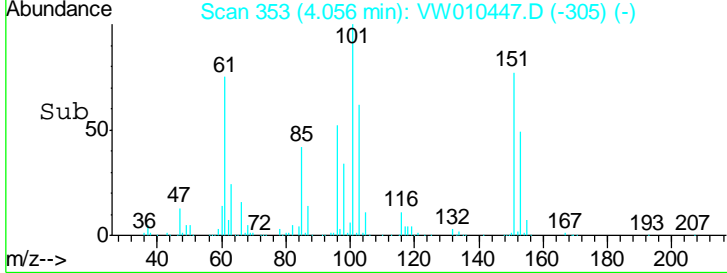
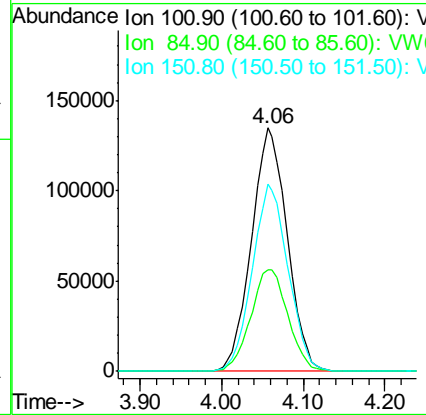
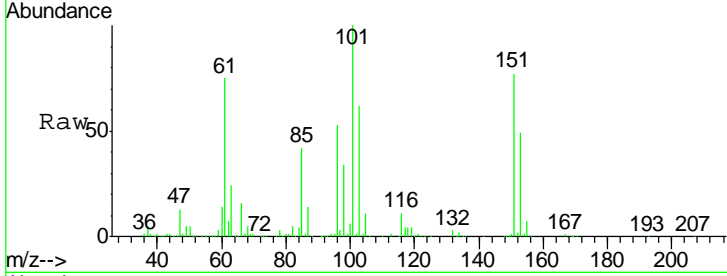
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.314 ug/l
 RT: 4.06 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
101	411180		
101	100		
85	43.6	34.3	51.5
151	77.2	60.3	90.5

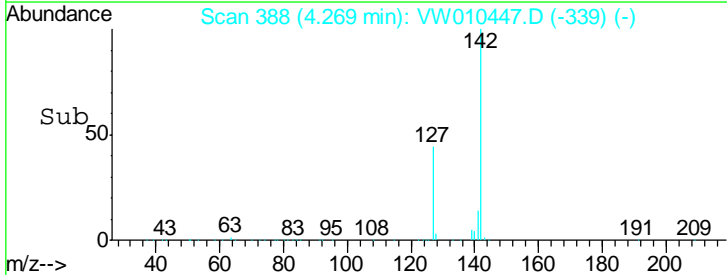
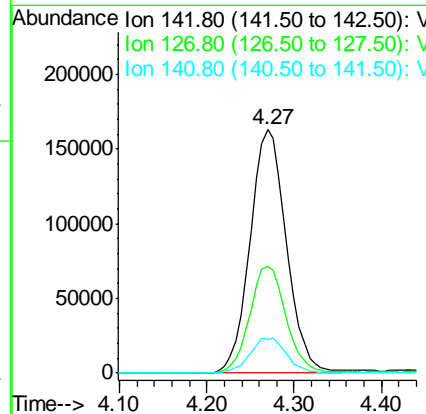
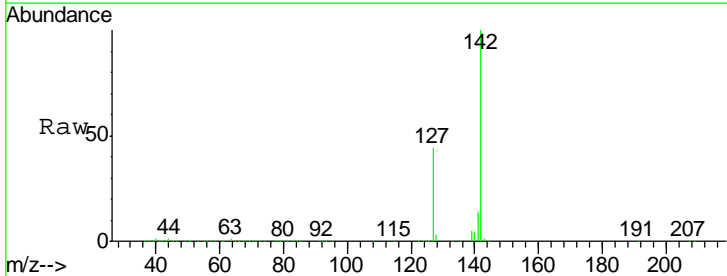
Manual Integrations
 APPROVED

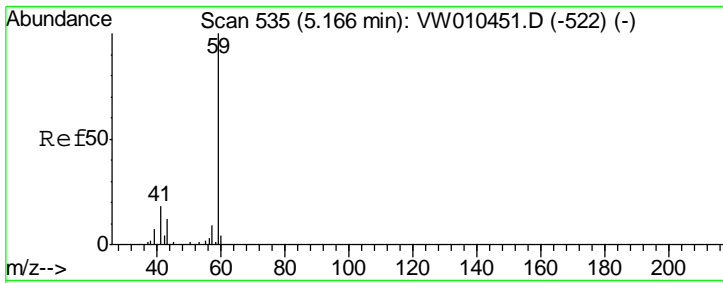
MMDadoda
 5/21/2019 11:28:25 AM



#10
 Methyl Iodide
 Concen: 44.456 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
142	471486		
142	100		
127	44.3	36.1	54.1
141	14.6	11.3	16.9



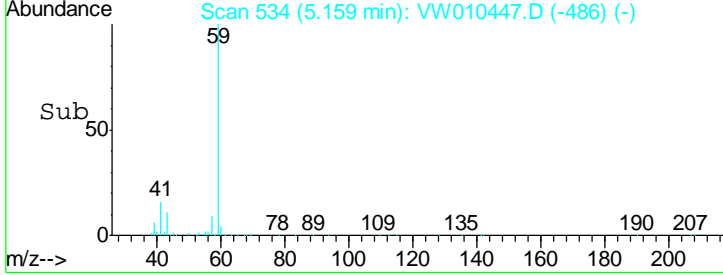
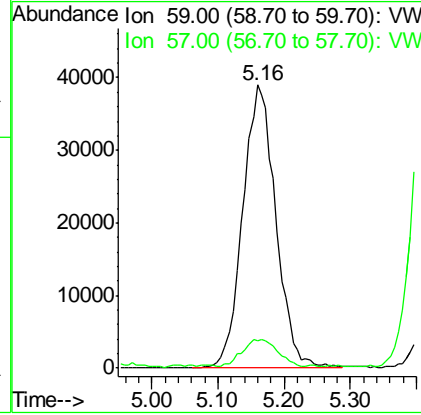
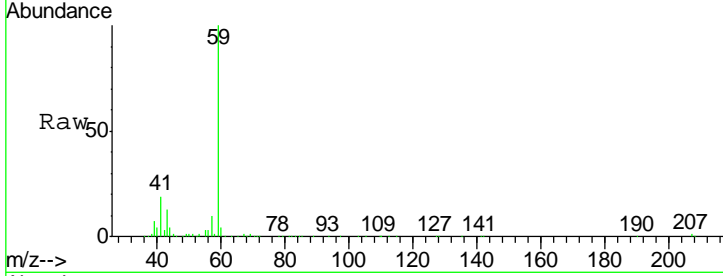


#11
 Tert butyl alcohol
 Concen: 173.982 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

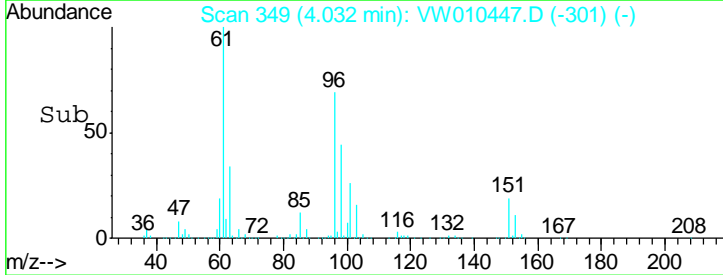
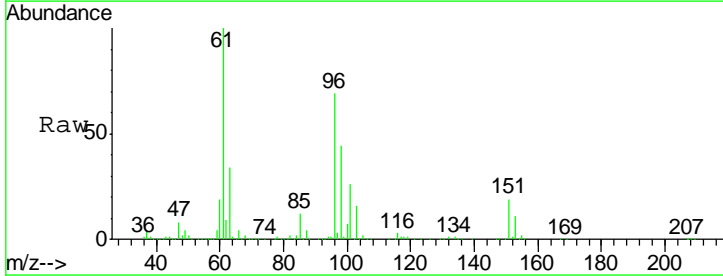
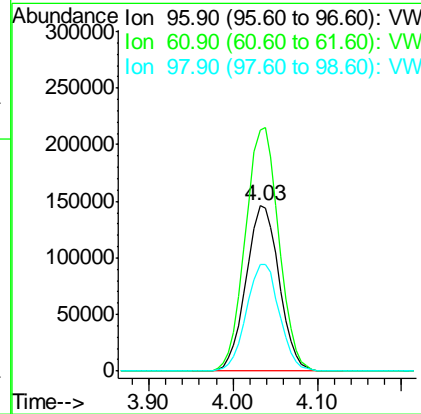
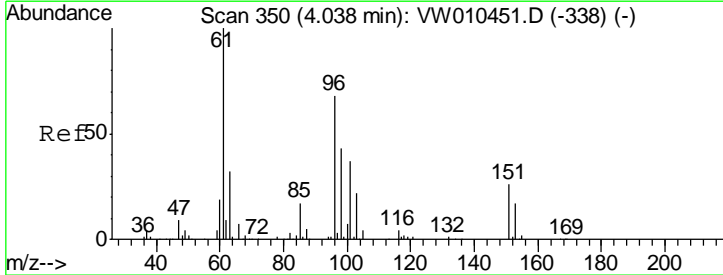
Tgt Ion: 59 Resp: 135452
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.8 13.2

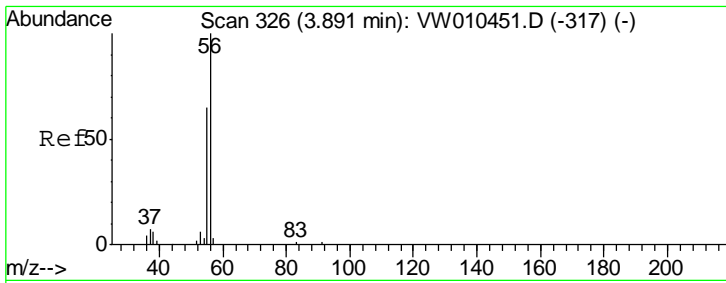
Manual Integrations
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 MMDadoda
 5/21/2019 11:28:25 AM



#12
 1,1-Dichloroethene
 Concen: 43.727 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion: 96 Resp: 387307
 Ion Ratio Lower Upper
 96 100
 61 145.8 118.3 177.5
 98 64.4 51.0 76.6





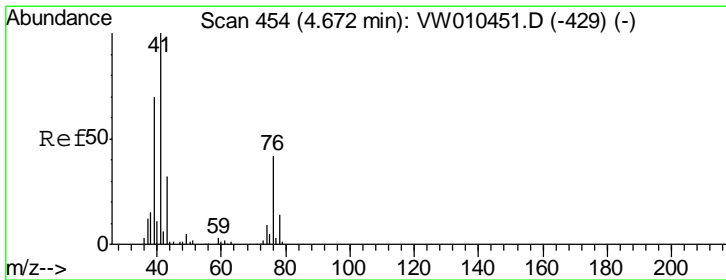
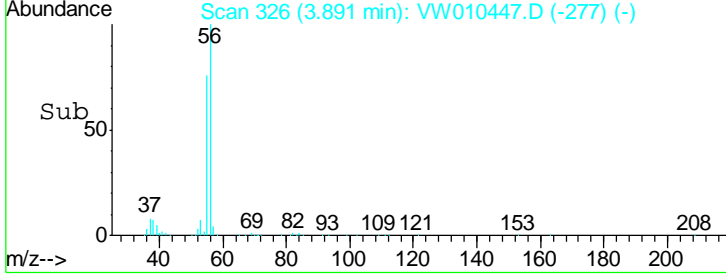
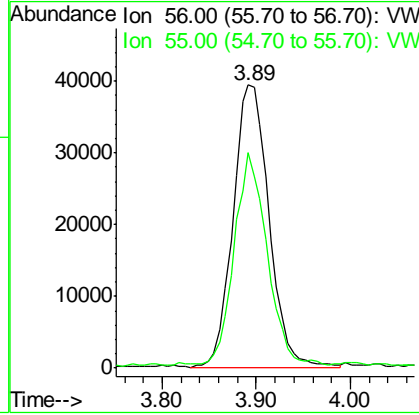
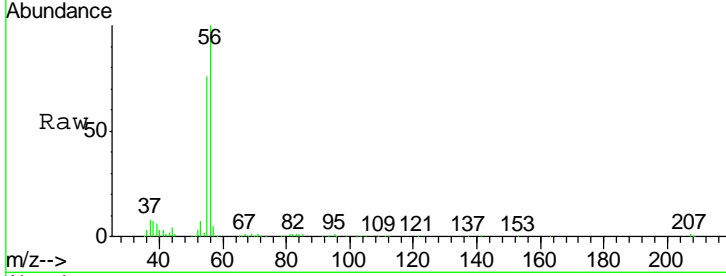
#13
 Acrolein
 Concen: 229.471 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	104930		
55	67.9	57.9	86.9

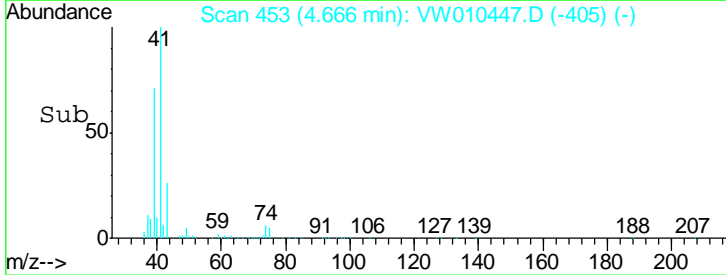
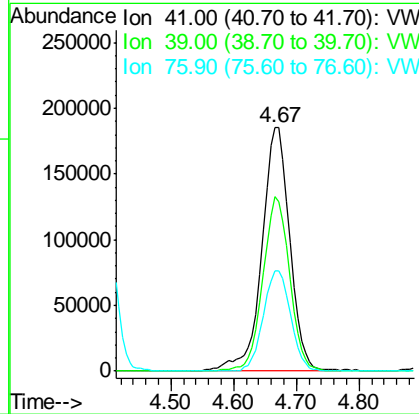
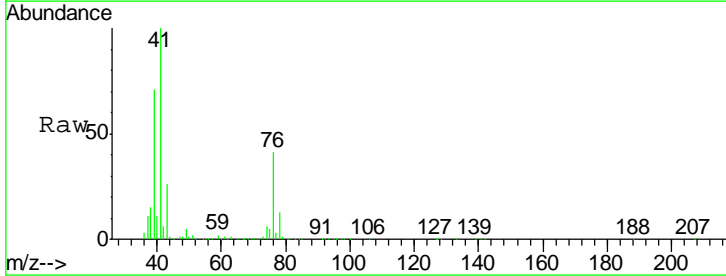
Manual Integrations
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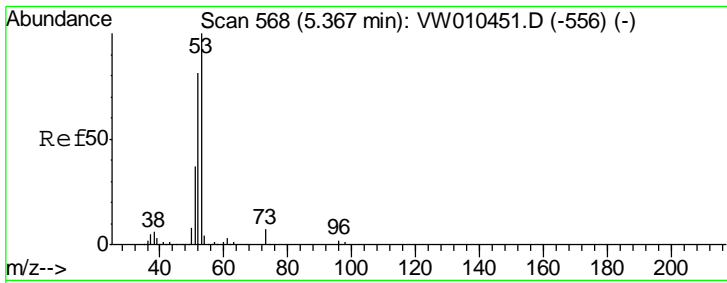
MMDadoda
 5/21/2019 11:28:25 AM



#14
 Allyl chloride
 Concen: 44.125 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
41	565727		
39	68.8	55.0	82.4
76	40.5	32.8	49.2





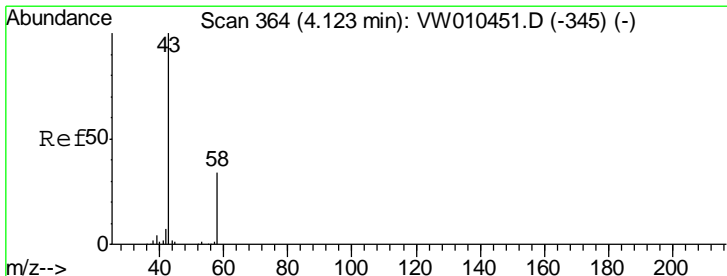
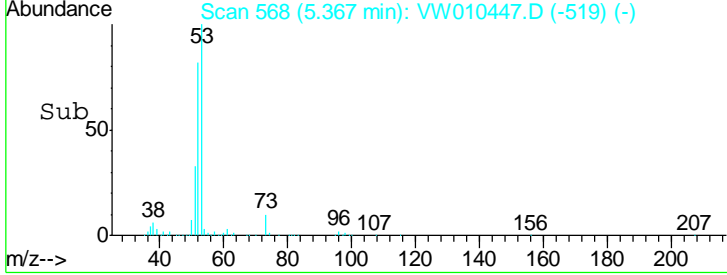
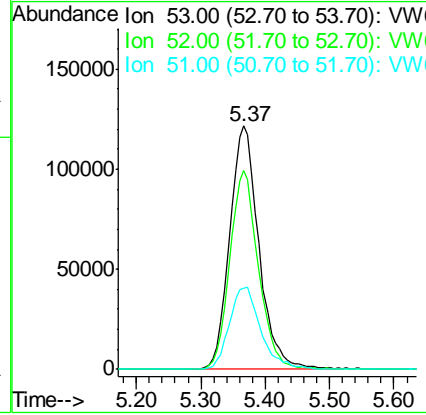
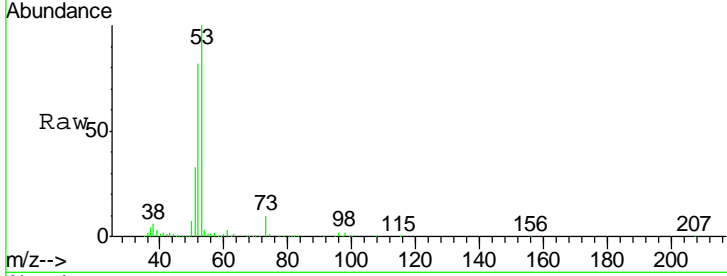
#15
 Acrylonitrile
 Concen: 193.763 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
53	100		
52	79.7	65.6	98.4
51	36.0	29.5	44.3

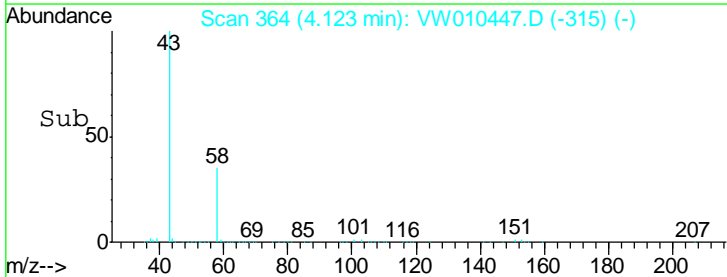
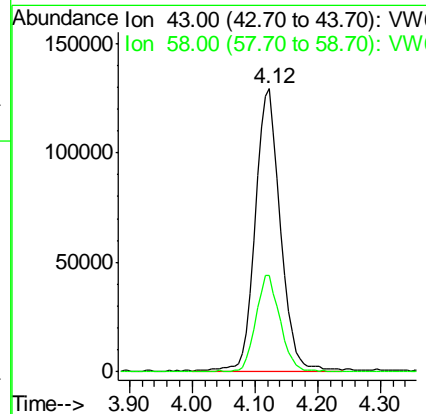
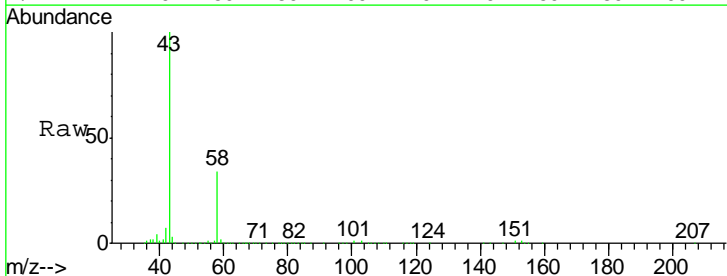
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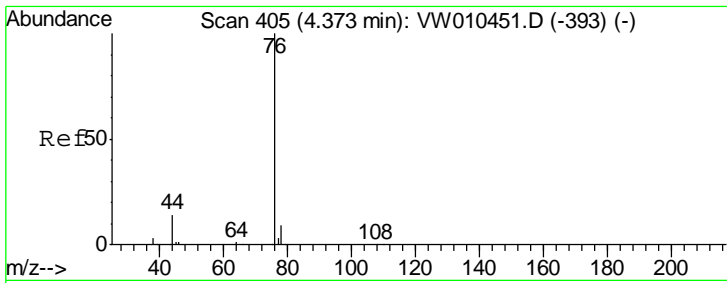
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#16
 Acetone
 Concen: 200.256 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
43	100		
58	34.3	27.0	40.4





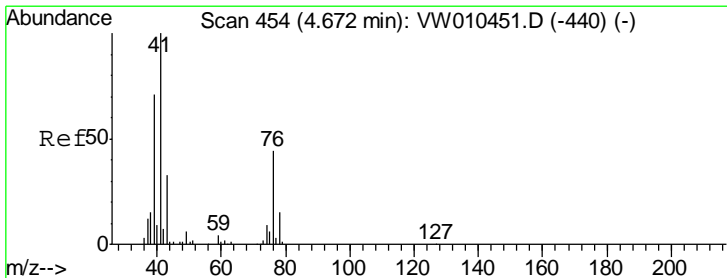
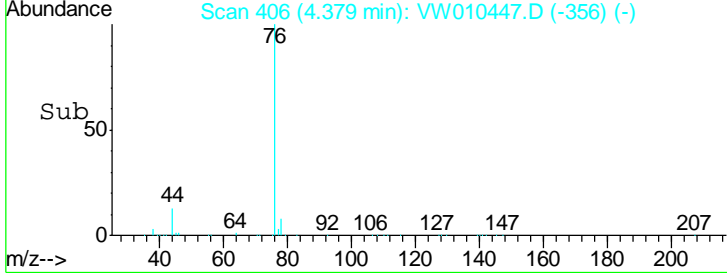
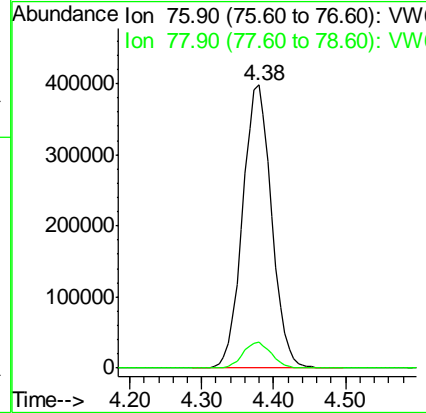
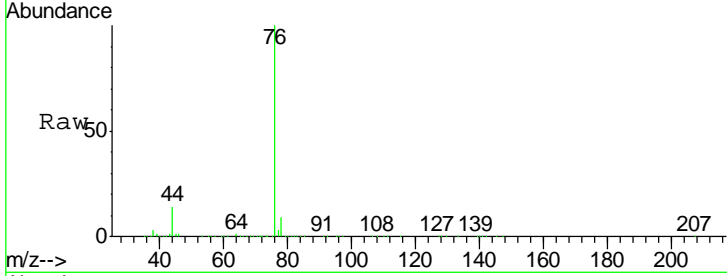
#17
 Carbon Disulfide
 Concen: 42.012 ug/l
 RT: 4.38 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion: 76 Resp: 1109921

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

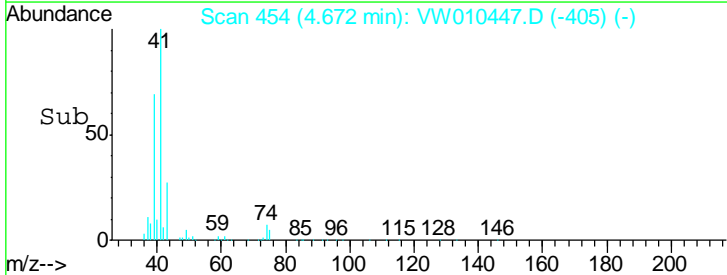
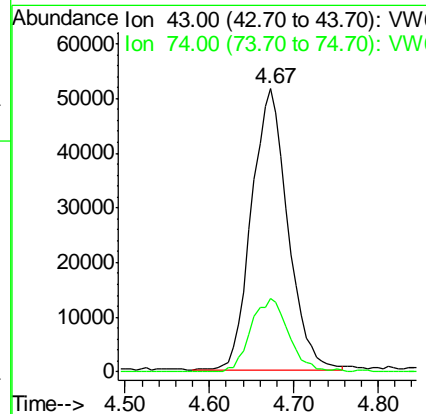
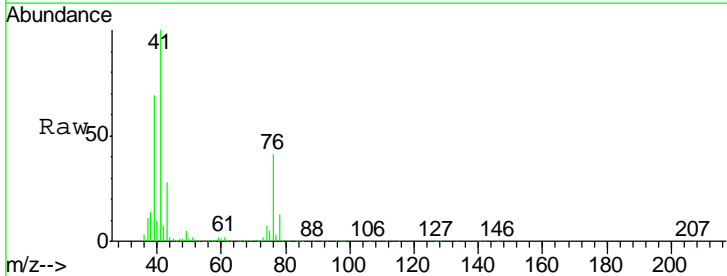
Manual Integrations
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 MMDadoda
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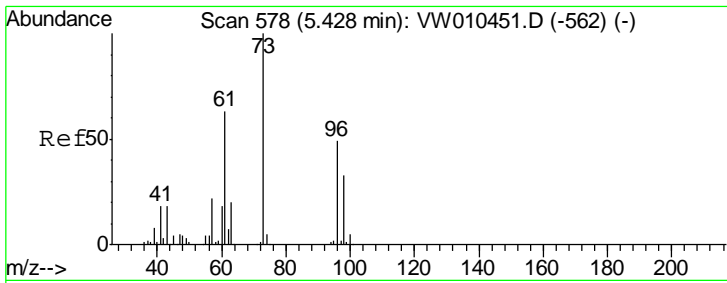


#18
 Methyl Acetate
 Concen: 34.888 ug/l
 RT: 4.67 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion: 43 Resp: 150751

Ion	Ratio	Lower	Upper
43	100		
74	26.9	21.6	32.4





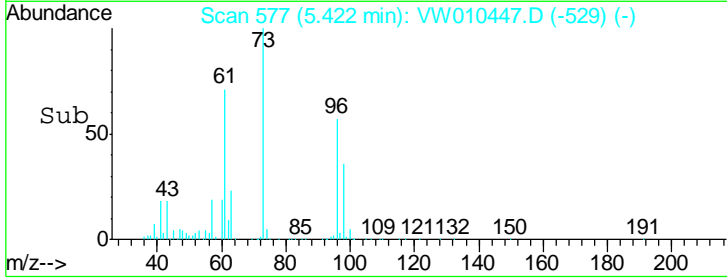
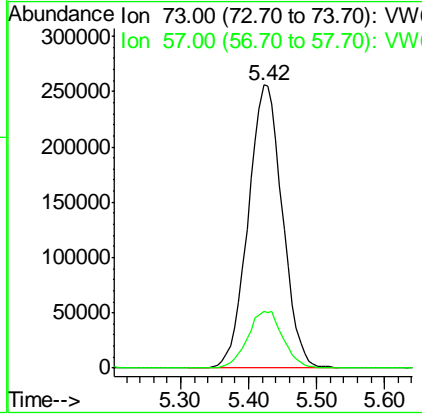
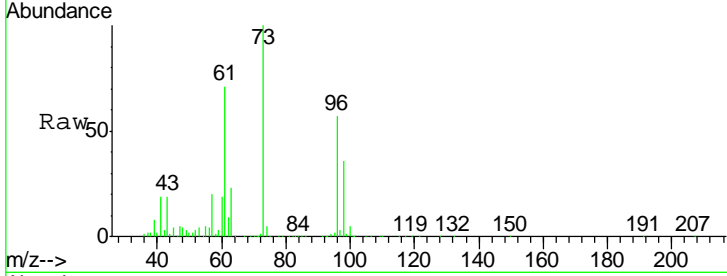
#19
 Methyl tert-butyl Ether
 Concen: 39.600 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
73	100		
57	20.0	17.4	26.0

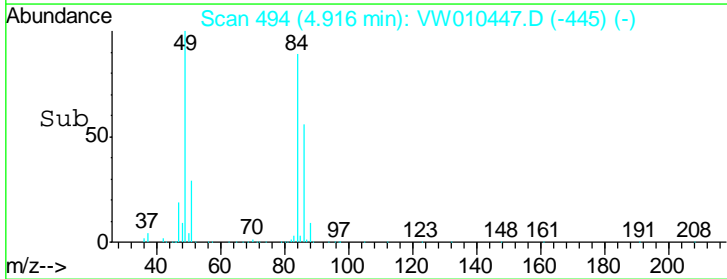
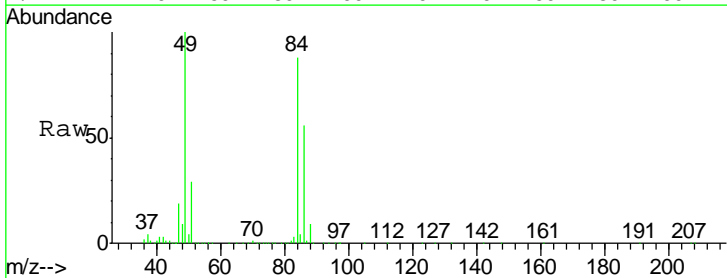
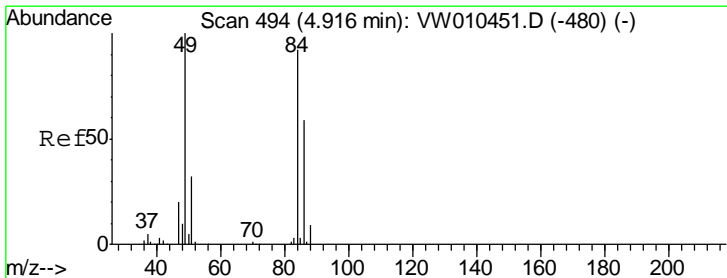
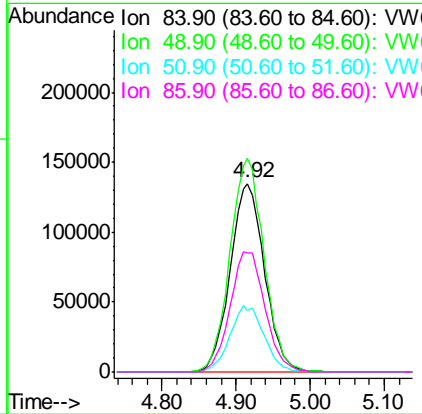
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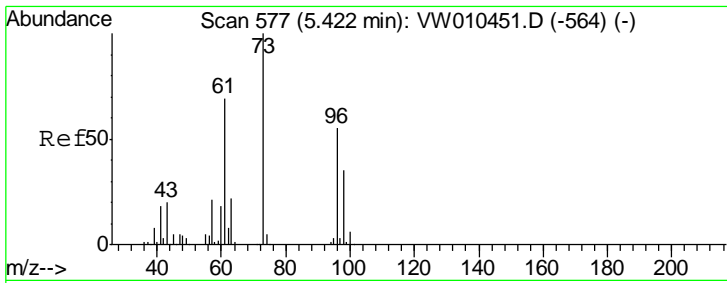
MMDadoda
 5/21/2019 11:28:25 AM



#20
 Methylene Chloride
 Concen: 41.009 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
84	100		
49	113.2	87.2	130.8
51	32.4	27.7	41.5
86	63.2	51.4	77.0





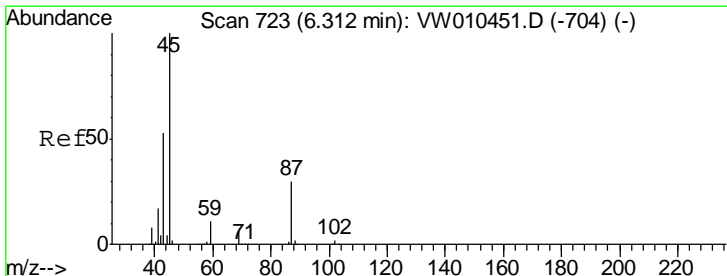
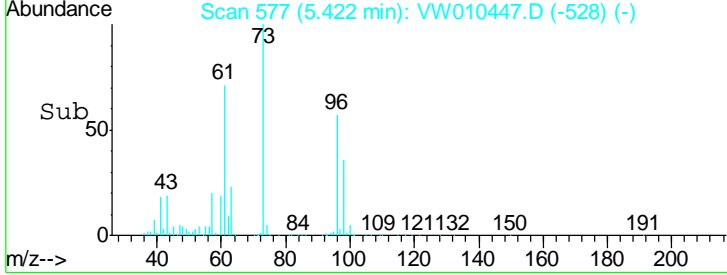
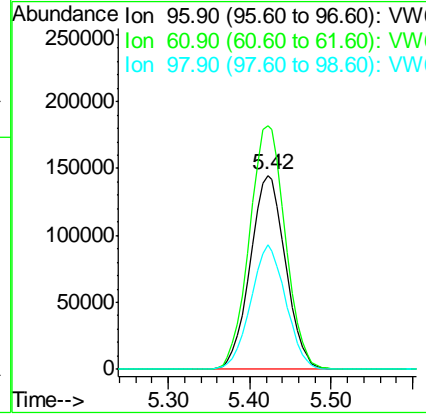
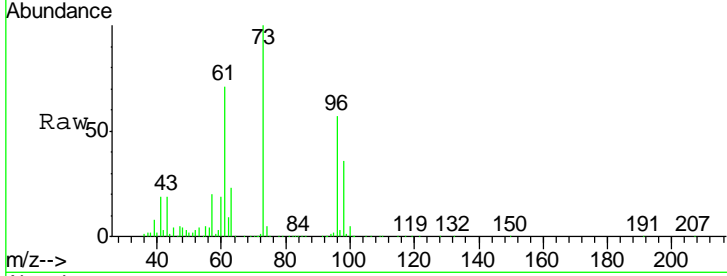
#21
 trans-1,2-Dichloroethene
 Concen: 43.108 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	437958		
96	100		
61	125.2	101.4	152.0
98	64.2	50.6	76.0

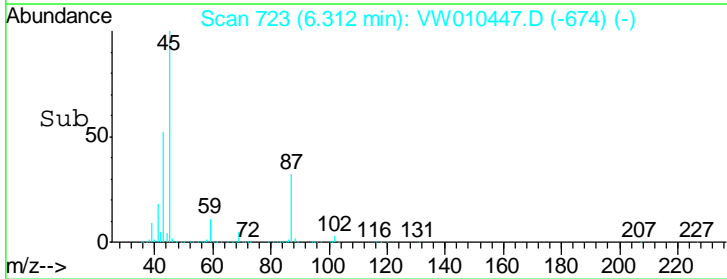
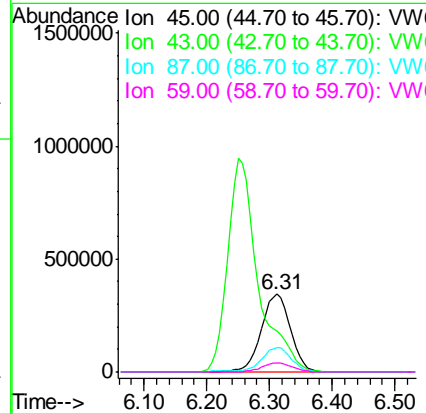
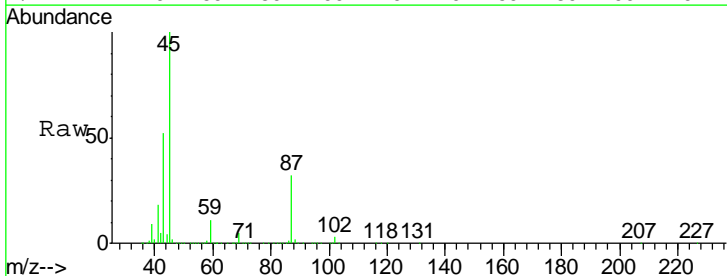
Manual Integrations
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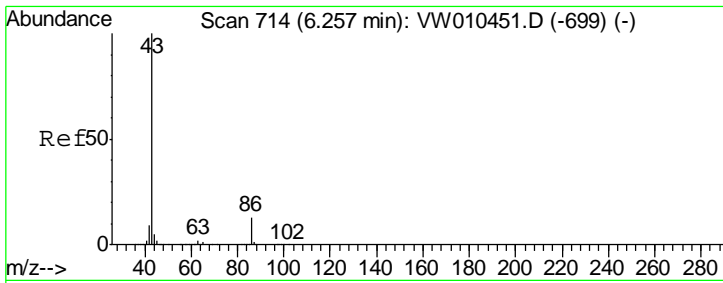
MMDadoda
 5/21/2019 11:28:25 AM



#22
 Diisopropyl ether
 Concen: 42.172 ug/l
 RT: 6.31 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
45	1108669		
45	100		
43	52.0	42.9	64.3
87	31.7	24.6	36.8
59	11.0	9.4	14.0





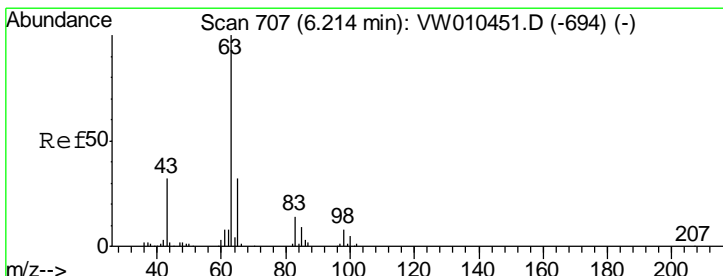
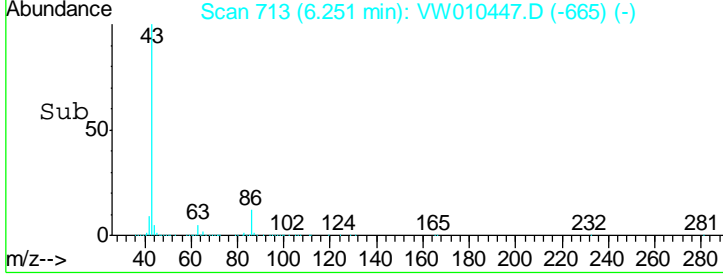
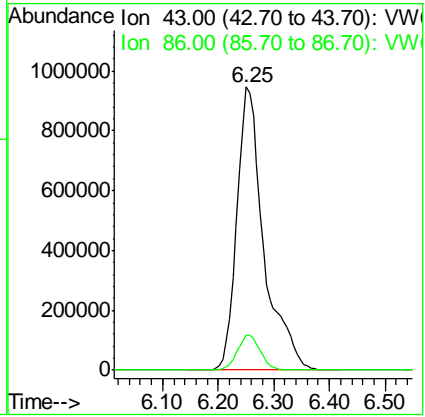
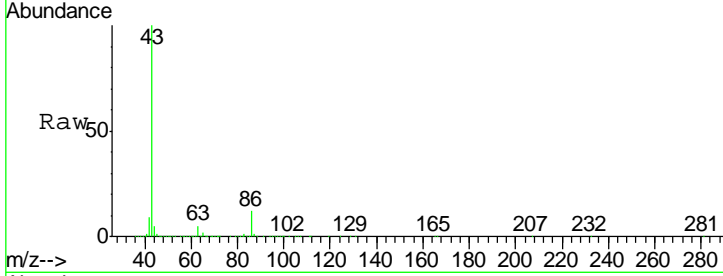
#23
 Vinyl Acetate
 Concen: 202.150 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 3174476

Ion	Ratio	Lower	Upper
43	100		
86	12.3	10.3	15.5

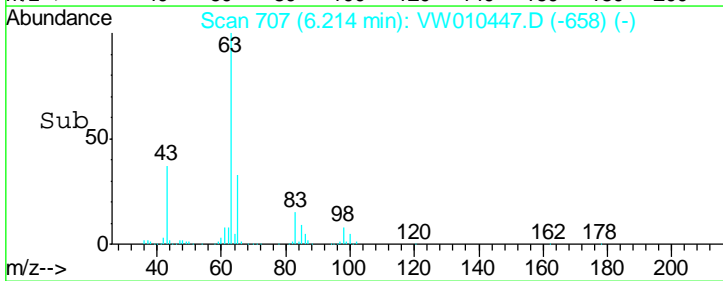
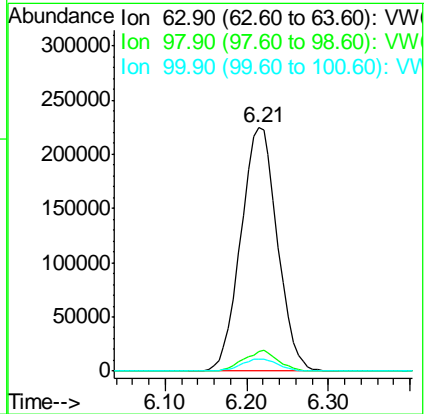
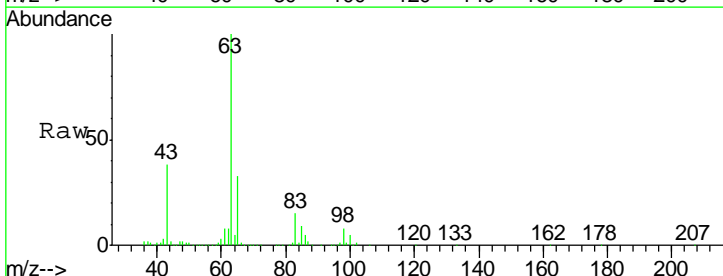
Manual Integrations
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 MMDadoda
 5/21/2019 11:28:25 AM

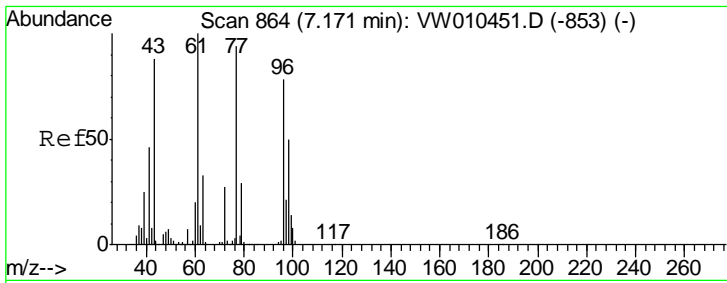


#24
 1,1-Dichloroethane
 Concen: 44.452 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion: 63 Resp: 697361

Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.8	11.2
100	4.8	2.5	7.4



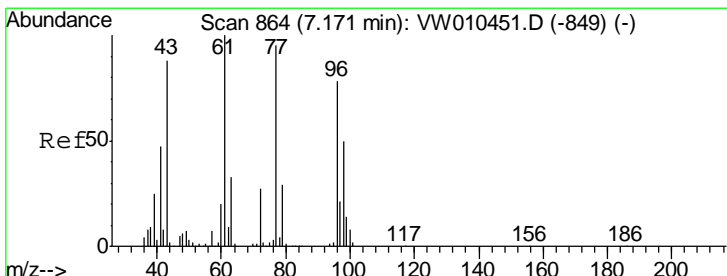
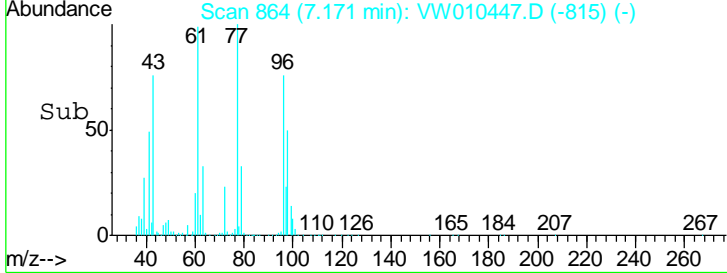
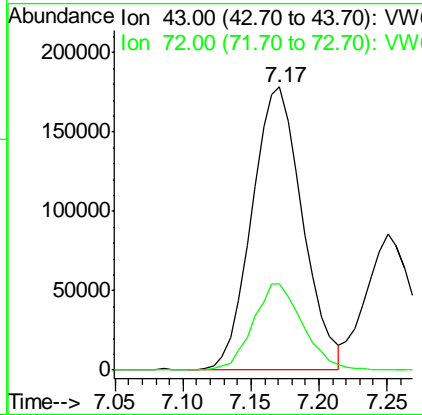
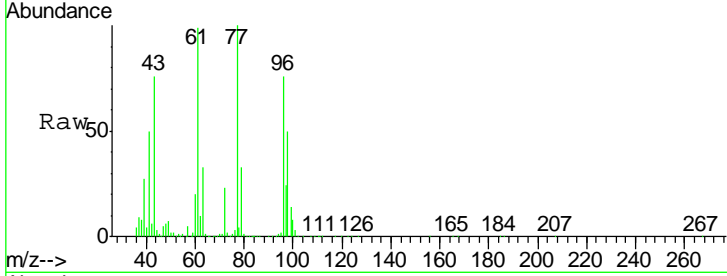


#25
 2-Butanone
 Concen: 183.267 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

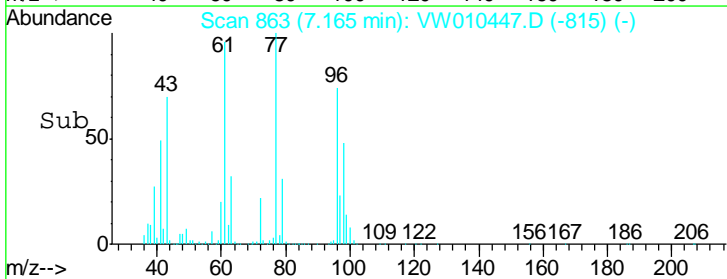
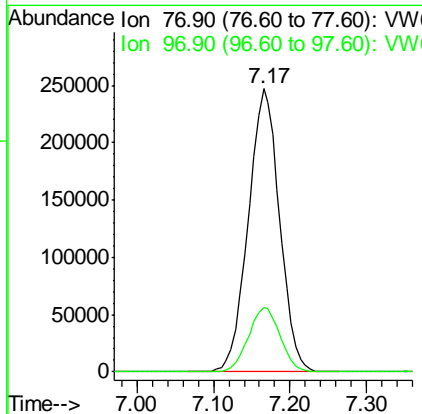
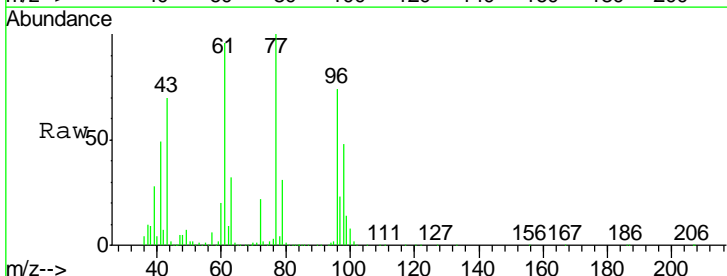
Tgt Ion	Resp	Lower	Upper
43	100		
72	30.6	24.1	36.1

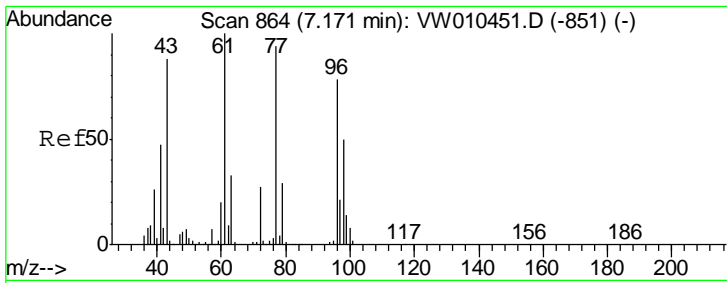
Manual Integrations
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 MMDadoda
 5/21/2019 11:28:25 AM



#26
 2,2-Dichloropropane
 Concen: 47.026 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
77	100		
97	23.1	11.7	35.0





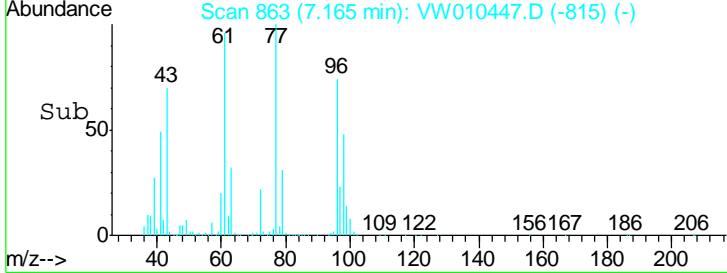
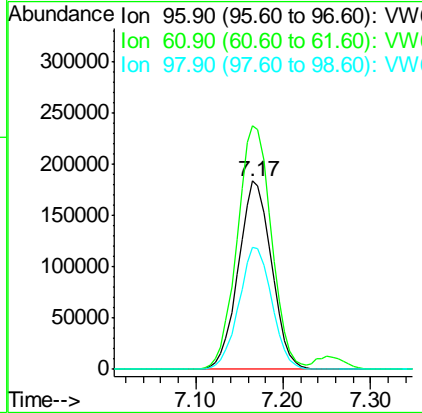
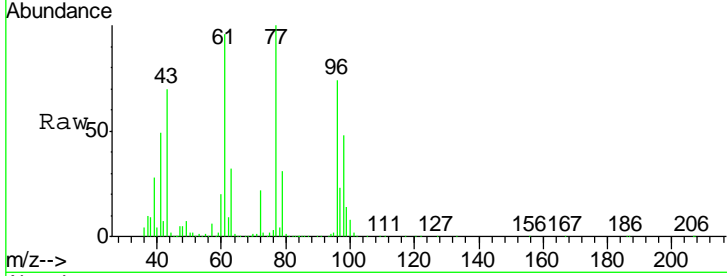
#27
 cis-1,2-Dichloroethene
 Concen: 43.659 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	482231		
96	100		
61	133.7	0.0	265.4
98	64.8	0.0	129.4

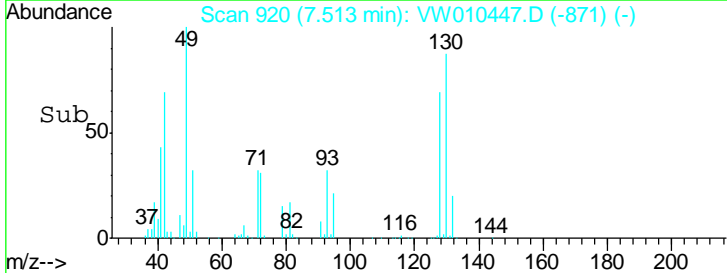
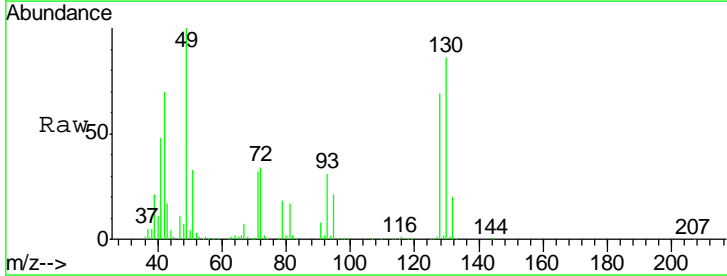
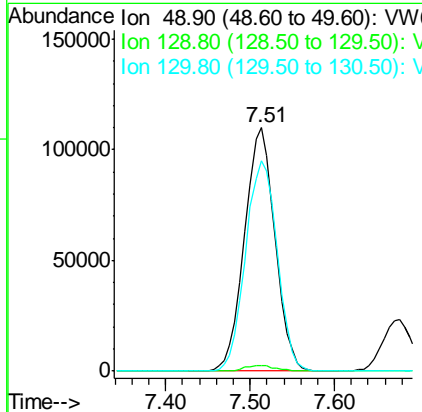
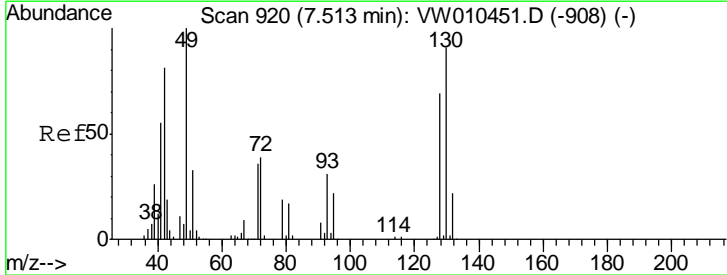
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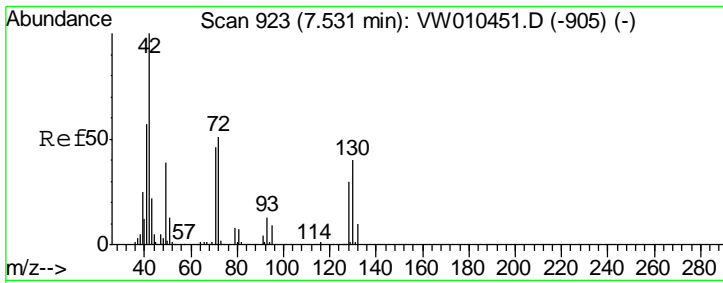
MMDadoda
 5/21/2019 11:28:25 AM



#28
 Bromochloromethane
 Concen: 47.892 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
49	269005		
49	100		
129	2.3	0.0	4.8
130	89.9	71.2	106.8





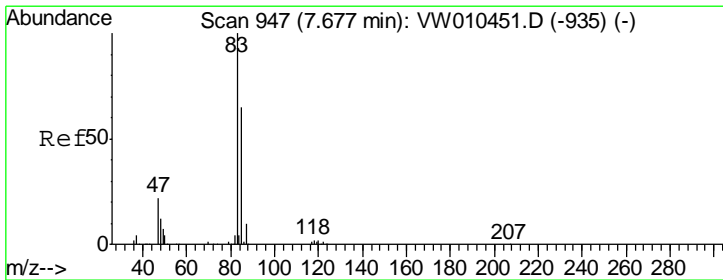
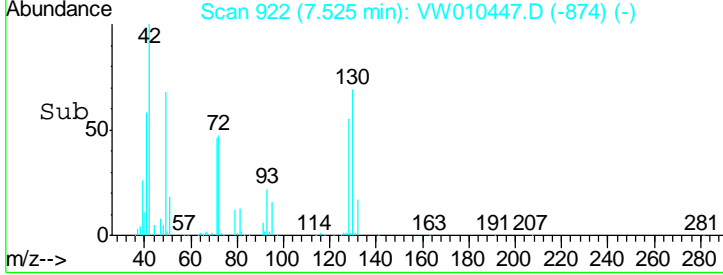
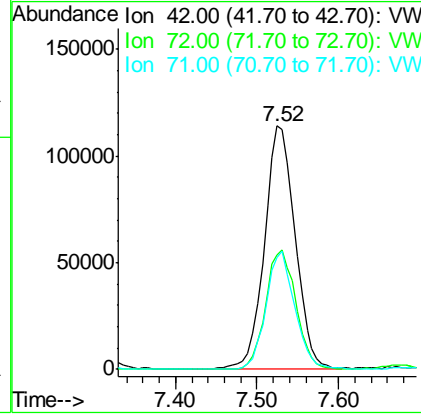
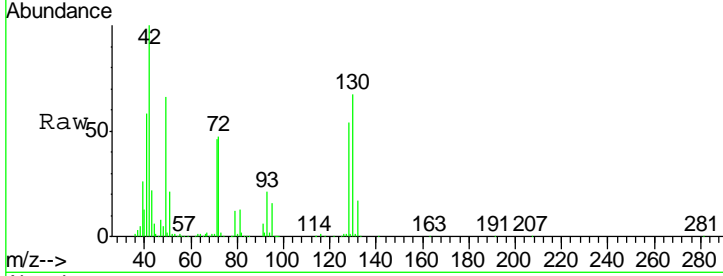
#29
 Tetrahydrofuran
 Concen: 173.965 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDC050

Tgt Ion	Resp	Lower	Upper
42	100		
72	48.7	38.5	57.7
71	46.1	36.5	54.7

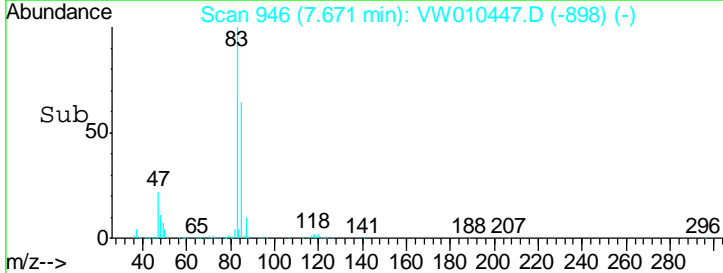
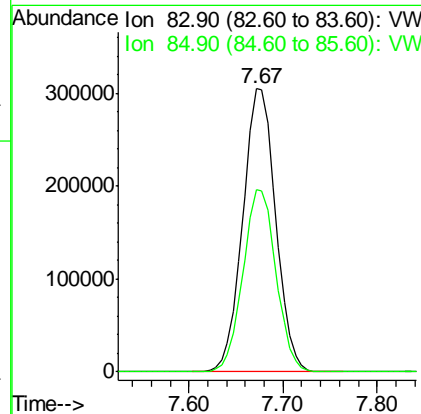
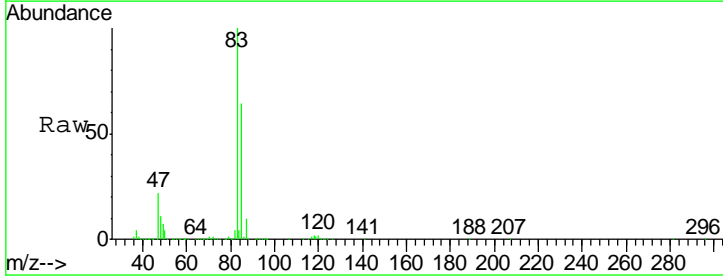
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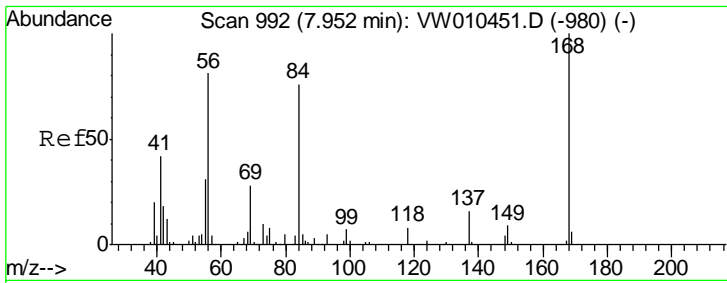
MMDadoda
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#30
 Chloroform
 Concen: 44.027 ug/l
 RT: 7.67 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.3	52.2	78.4





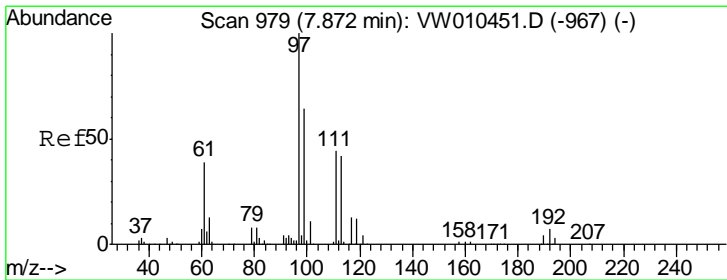
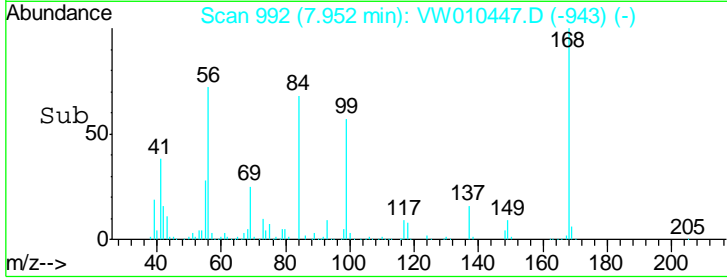
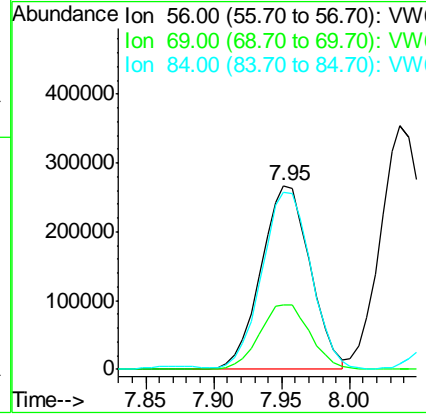
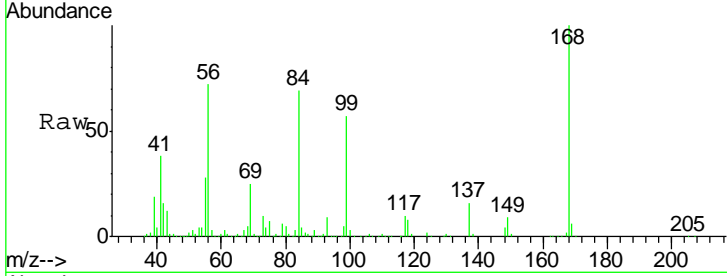
#31
 Cyclohexane
 Concen: 40.970 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	100		
69	35.3	28.2	42.2
84	94.6	75.8	113.8

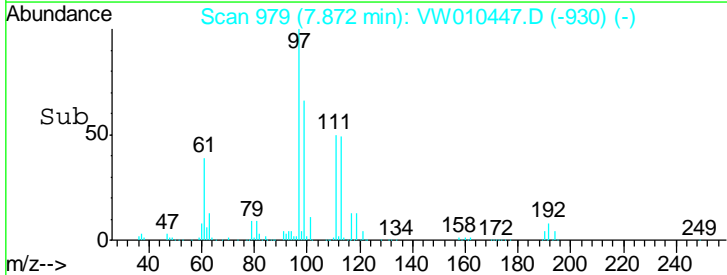
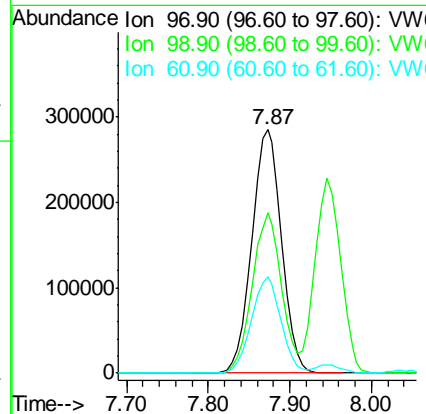
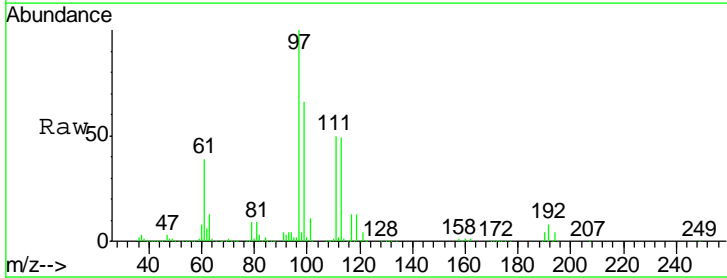
Manual Integrations
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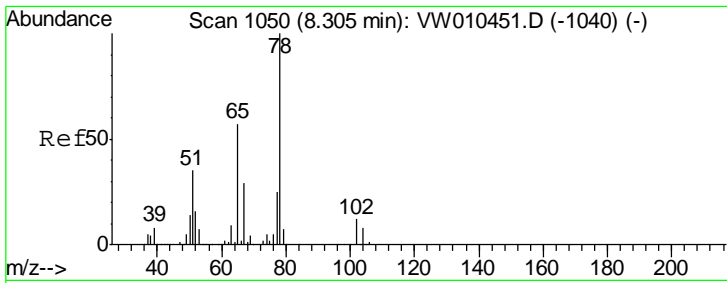
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#32
 1,1,1-Trichloroethane
 Concen: 44.723 ug/l
 RT: 7.87 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.7	50.8	76.2
61	39.2	32.1	48.1





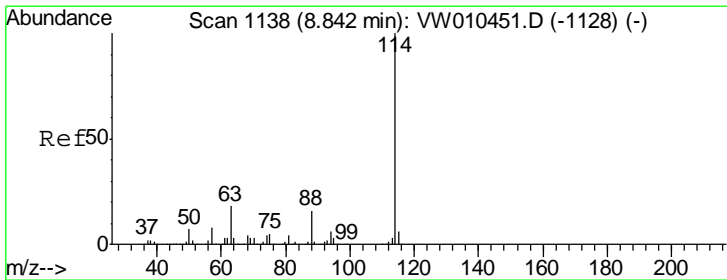
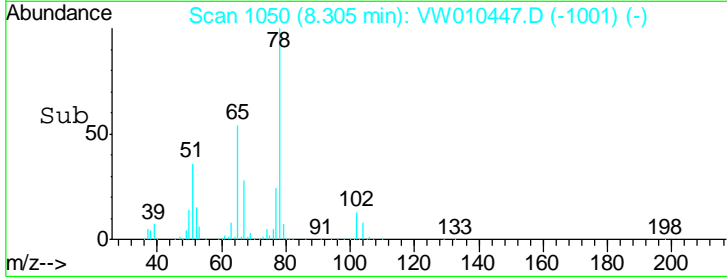
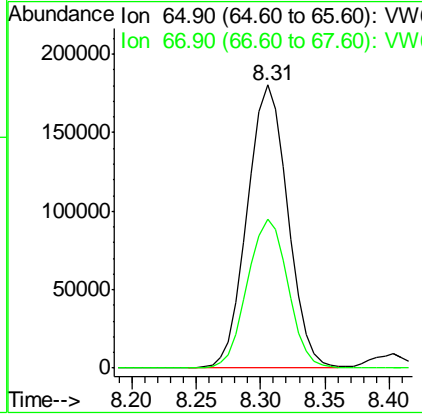
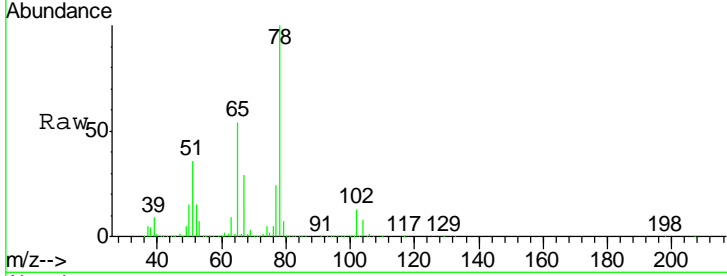
#33
 1,2-Dichloroethane-d4
 Concen: 45.369 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
65	100		
67	52.7	0.0	103.6

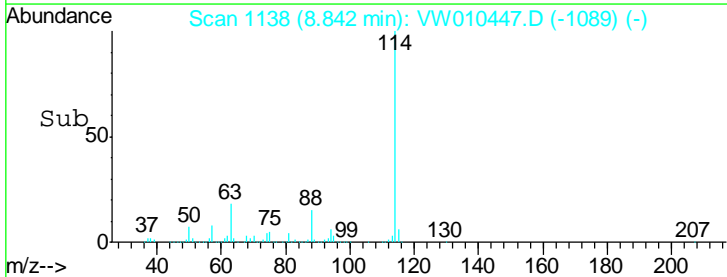
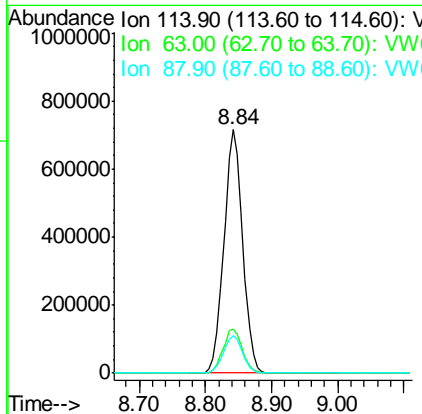
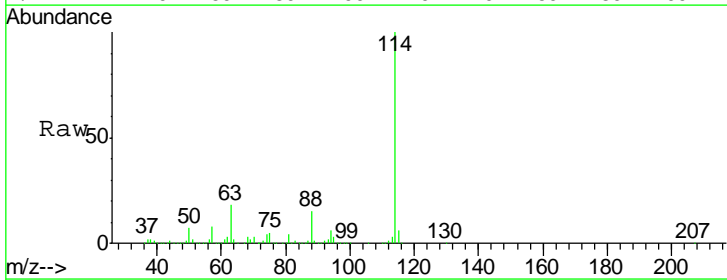
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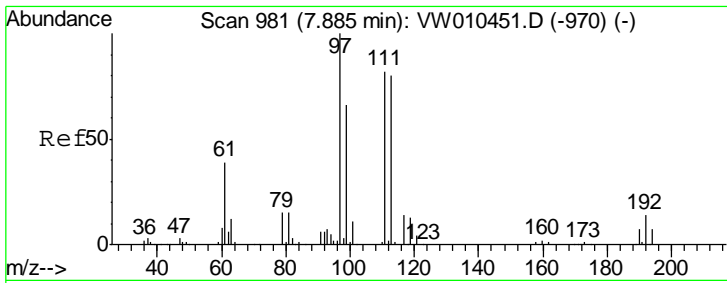
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
114	100		
63	17.8	0.0	36.0
88	15.3	0.0	32.0





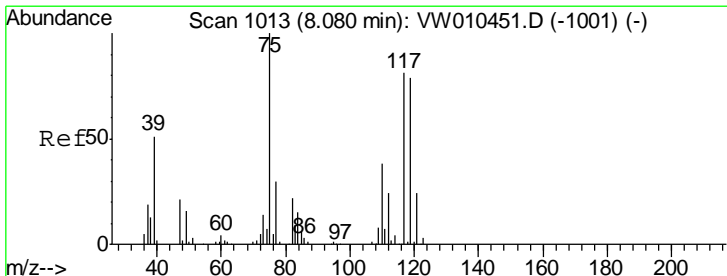
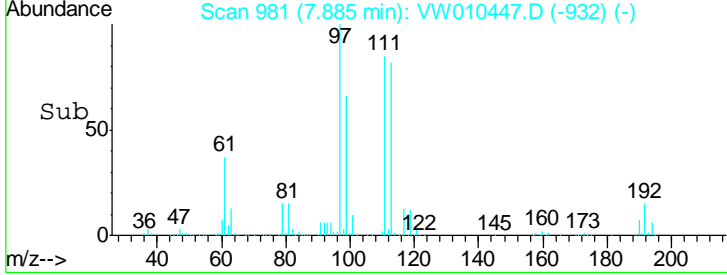
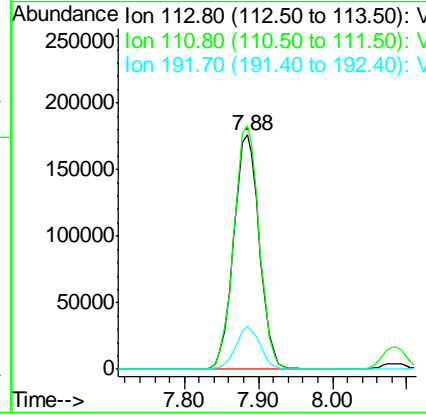
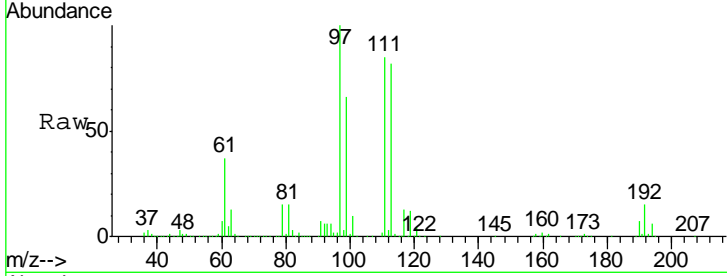
#35
 Dibromofluoromethane
 Concen: 50.074 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	17.5	14.3	21.5

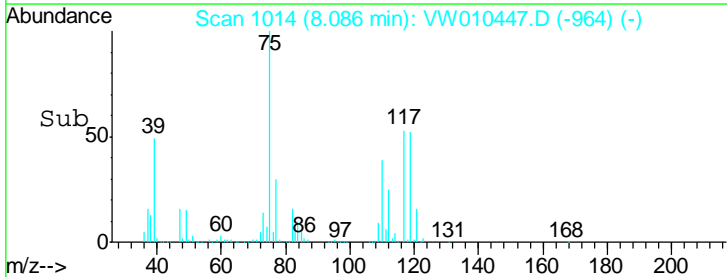
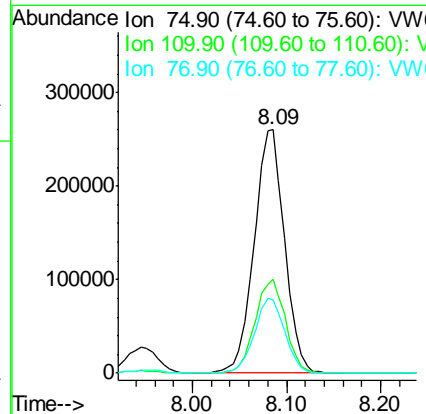
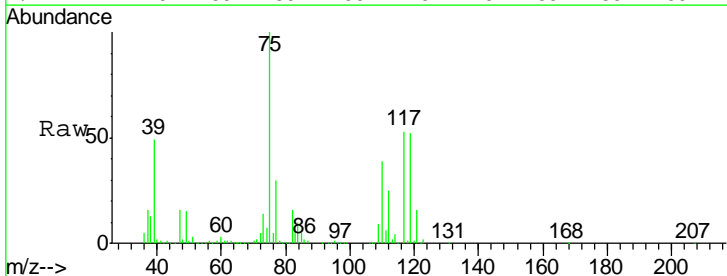
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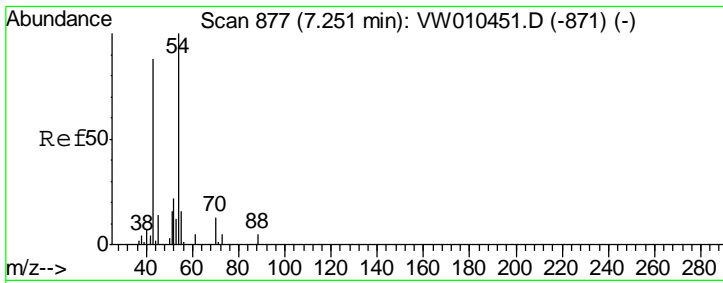
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#36
 1,1-Dichloropropene
 Concen: 45.212 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
75	100		
110	38.6	19.2	57.6
77	31.3	25.2	37.8





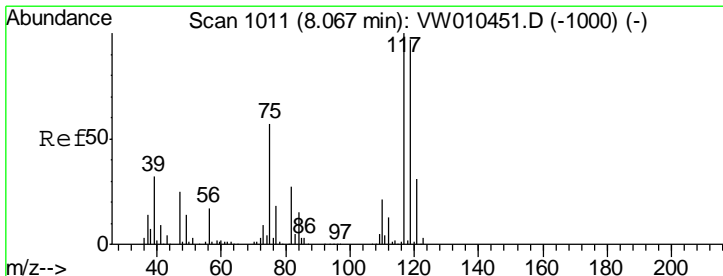
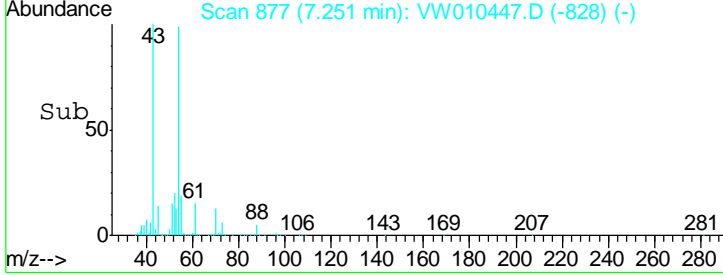
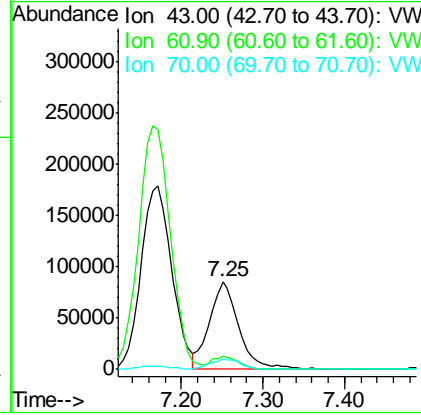
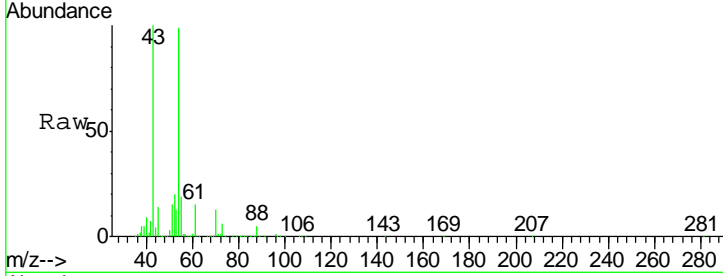
#37
 Ethyl Acetate
 Concen: 38.276 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	13.7	11.2	16.8
70	12.0	9.9	14.9

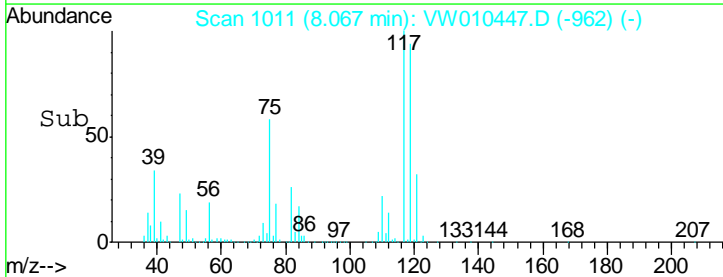
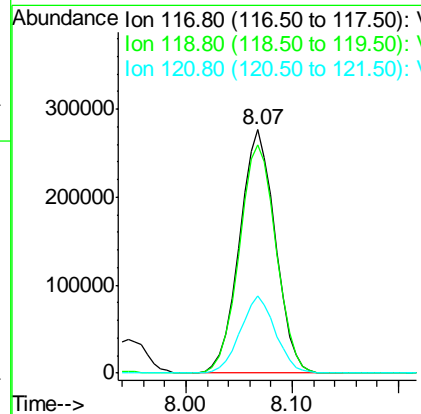
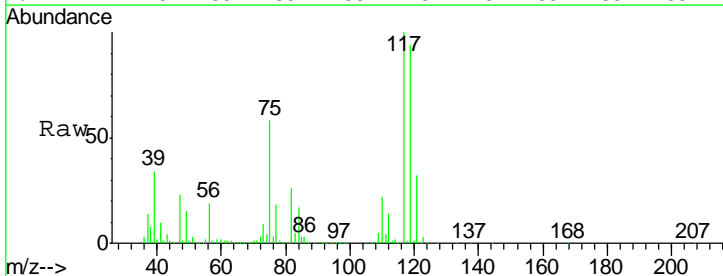
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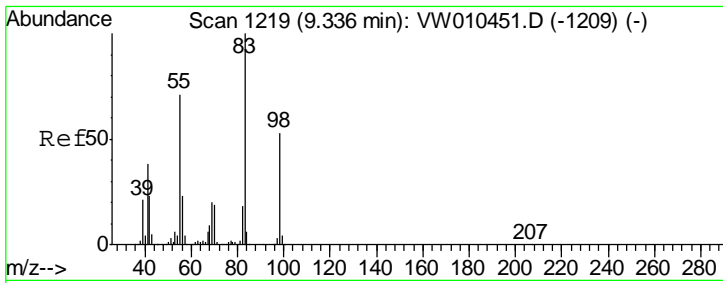
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#38
 Carbon Tetrachloride
 Concen: 46.261 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
117	100		
119	93.9	77.4	116.0
121	31.7	25.0	37.6





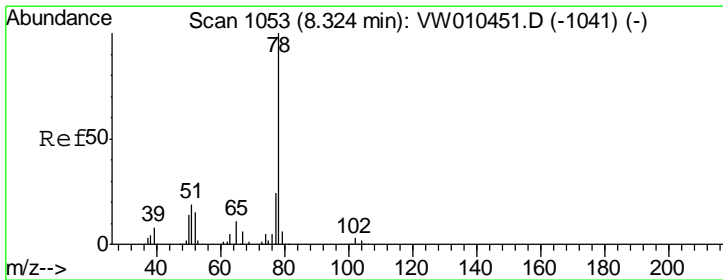
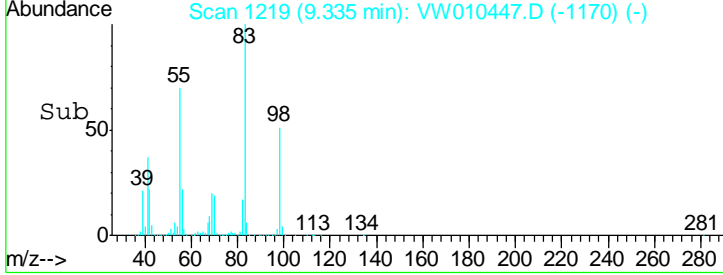
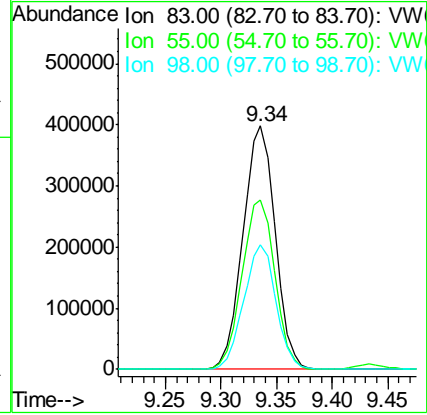
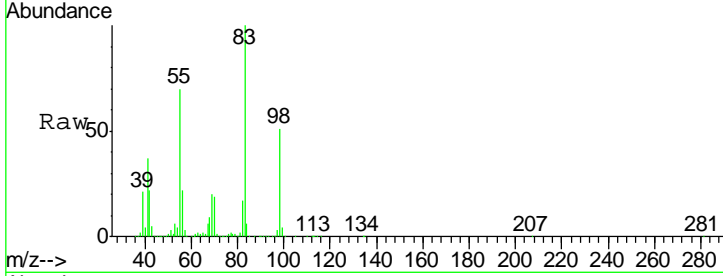
#39
 Methylcyclohexane
 Concen: 45.889 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	100		
55	69.6	57.0	85.6
98	51.1	42.0	63.0

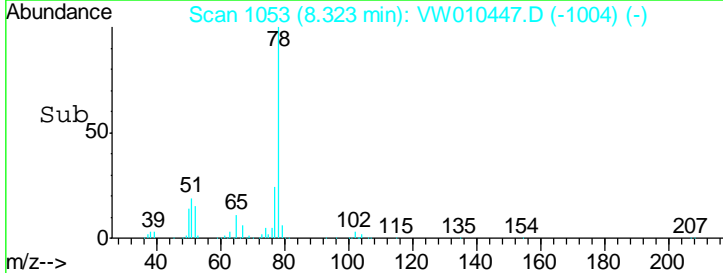
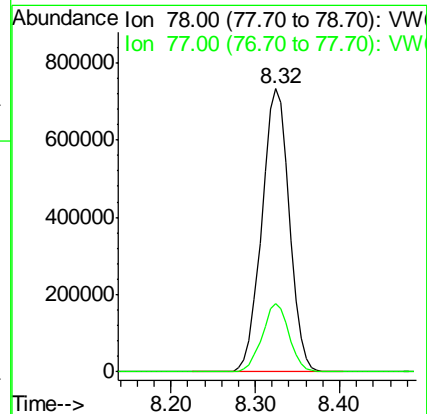
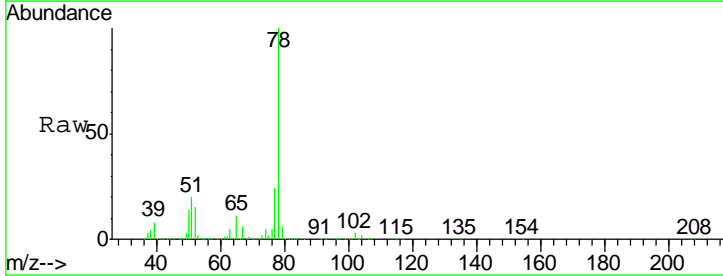
Manual Integrations
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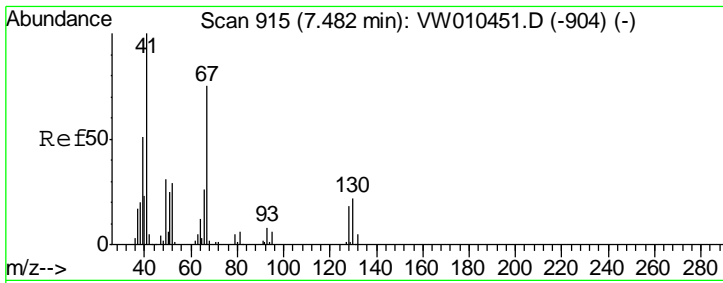
MMDadoda
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#40
 Benzene
 Concen: 45.199 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
78	100		
77	24.2	18.9	28.3





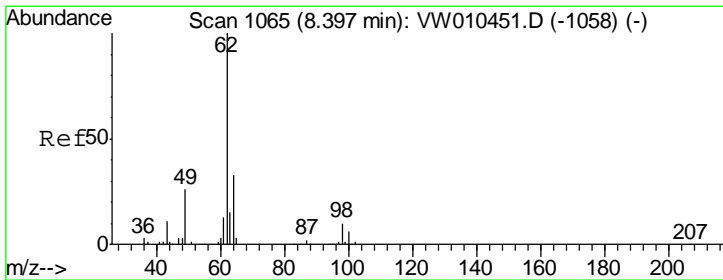
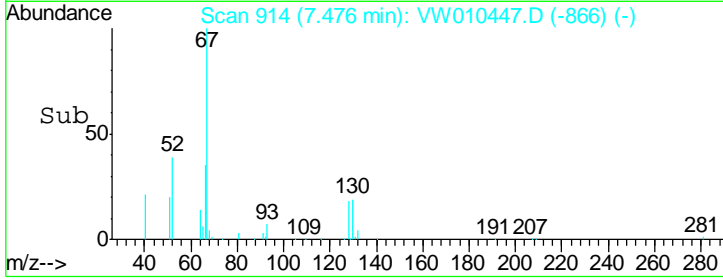
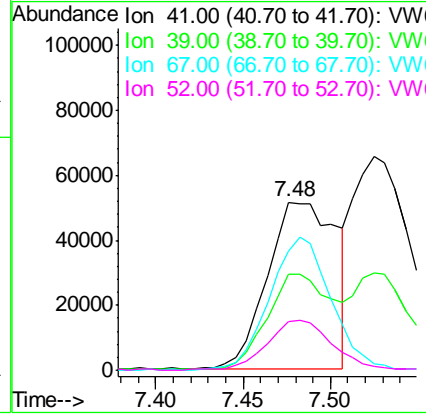
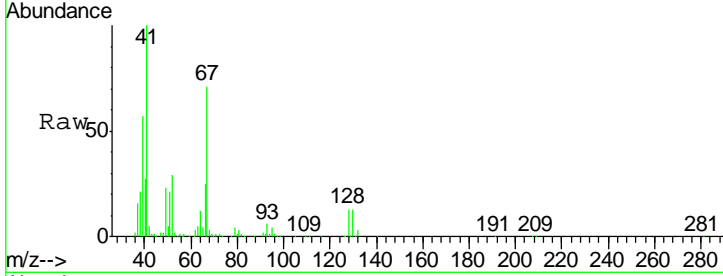
#41
 Methacrylonitrile
 Concen: 42.756 ug/l
 RT: 7.48 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
41	100		
39	54.4	47.4	71.2
67	70.7	65.5	98.3
52	28.1	25.0	37.4

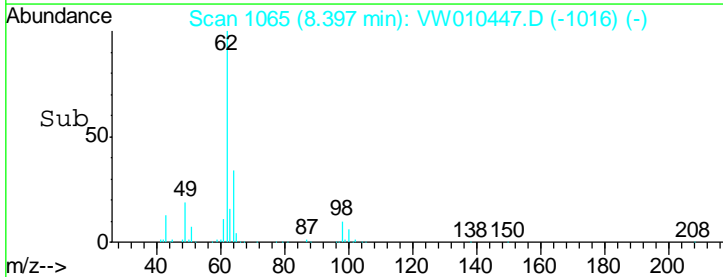
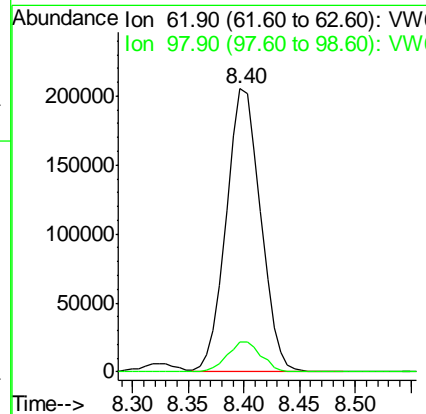
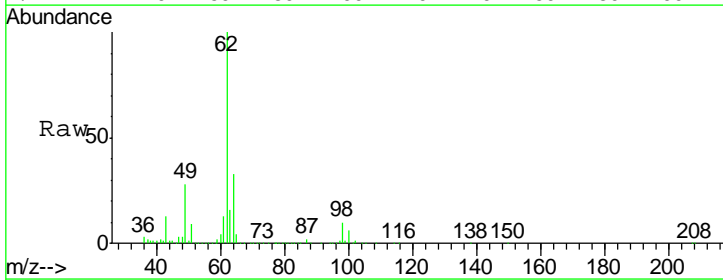
Manual Integrations
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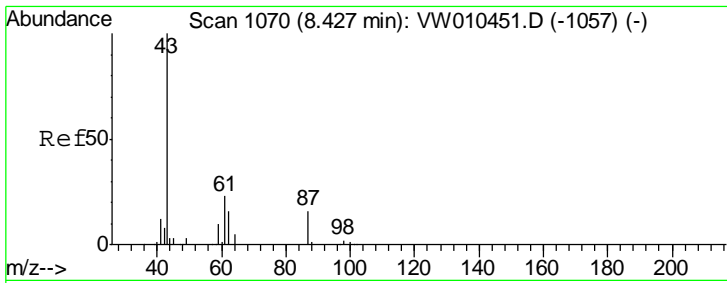
MMDadoda
 5/21/2019 11:28:25 AM



#42
 1,2-Dichloroethane
 Concen: 42.510 ug/l
 RT: 8.40 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
62	100		
98	10.5	0.0	21.0





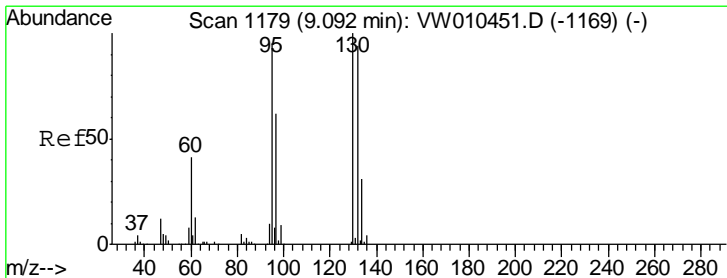
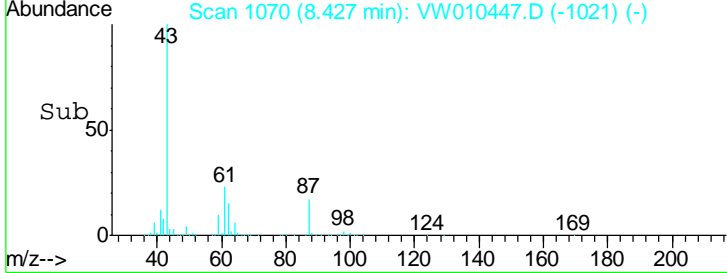
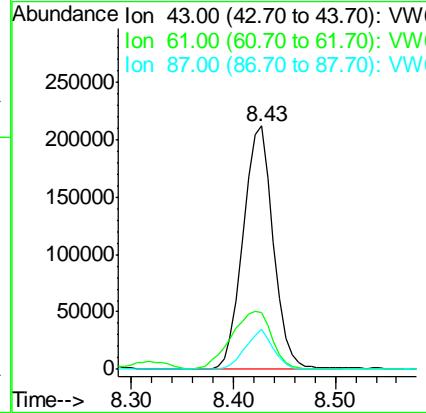
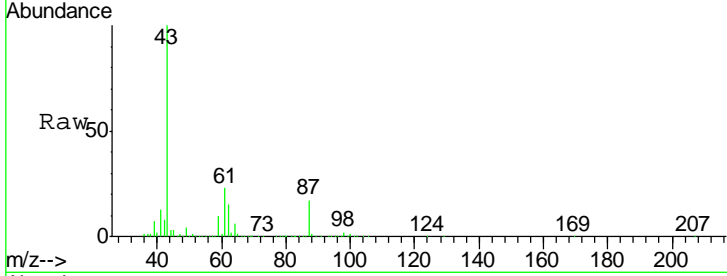
#43
 Isopropyl Acetate
 Concen: 38.928 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	32.3	25.4	38.2
87	15.1	12.7	19.1

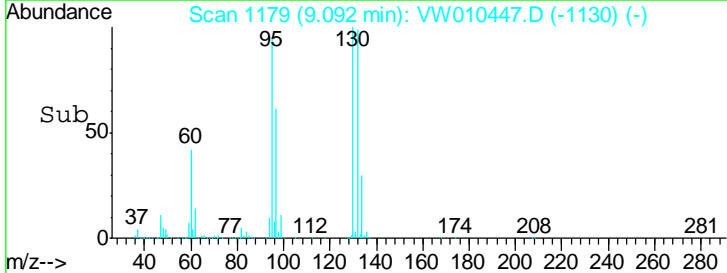
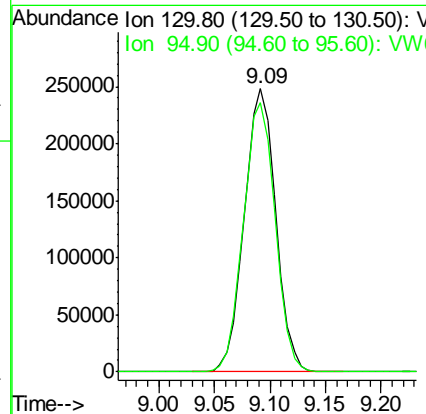
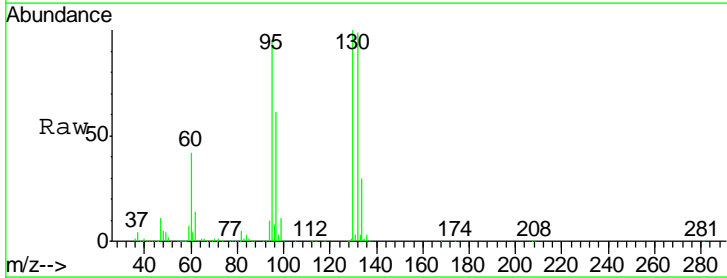
Manual Integrations
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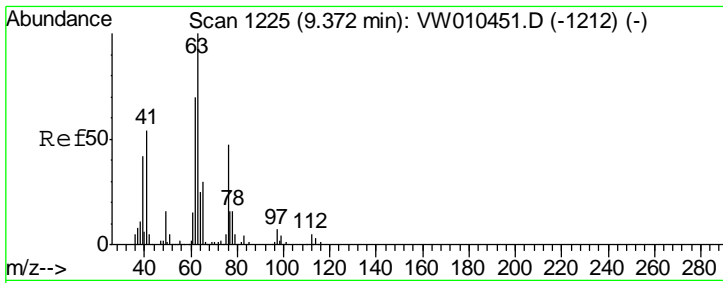
MMDadoda
 5/21/2019 11:28:25 AM



#44
 Trichloroethene
 Concen: 45.135 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
130	100		
95	94.9	0.0	189.6



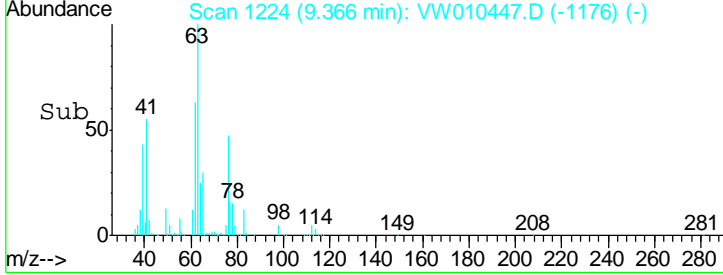
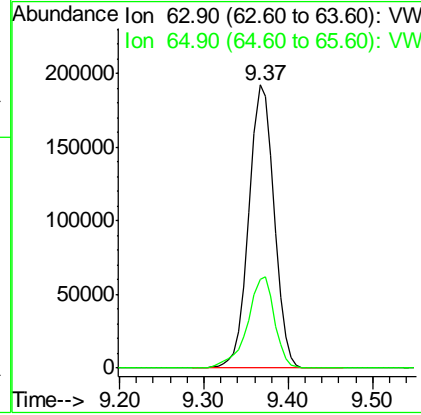
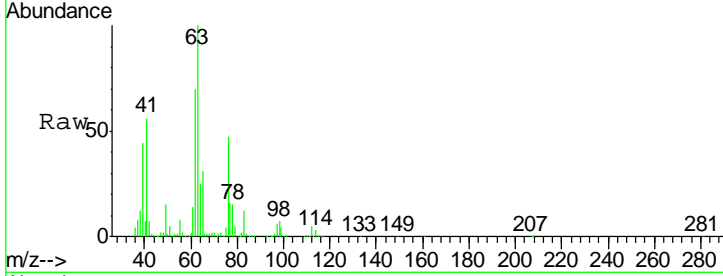


#45
 1,2-Dichloropropane
 Concen: 44.986 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

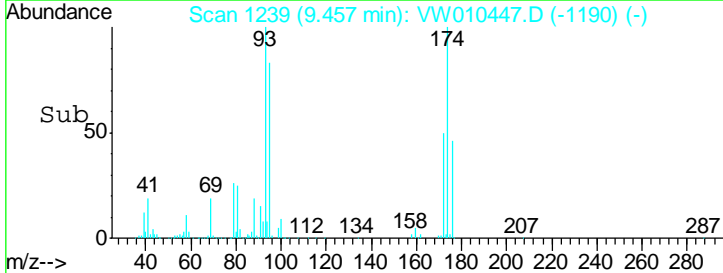
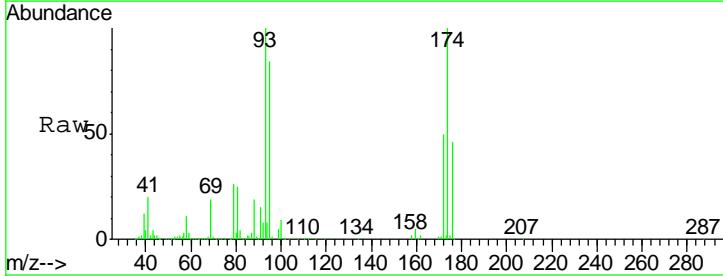
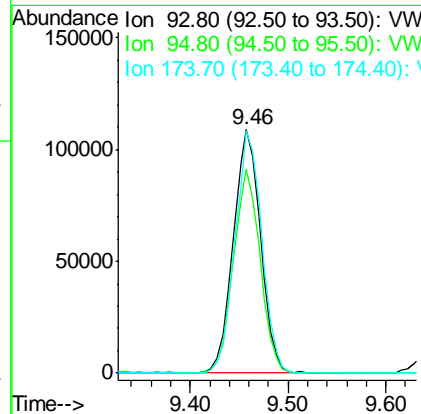
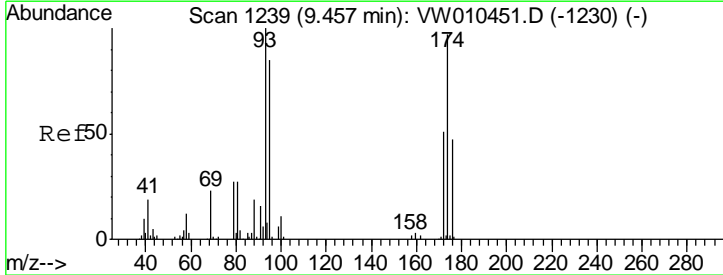
Tgt Ion	Resp	Lower	Upper
63	387395		
63	100		
65	31.4	24.3	36.5

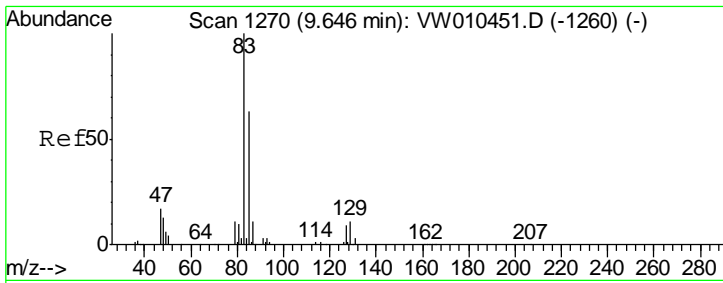
Manual Integrations
APPROVED
 MMDadoda
 5/21/2019 11:28:25 AM



#46
 Dibromomethane
 Concen: 41.756 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
93	210290		
93	100		
95	81.7	66.1	99.1
174	98.2	77.1	115.7





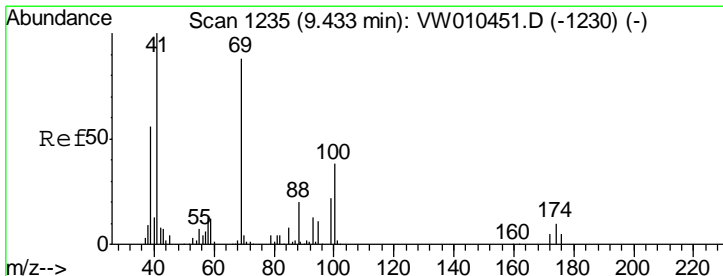
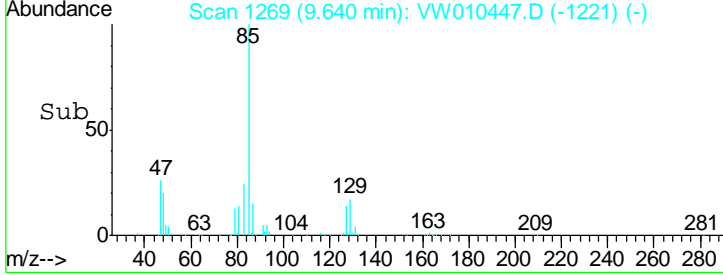
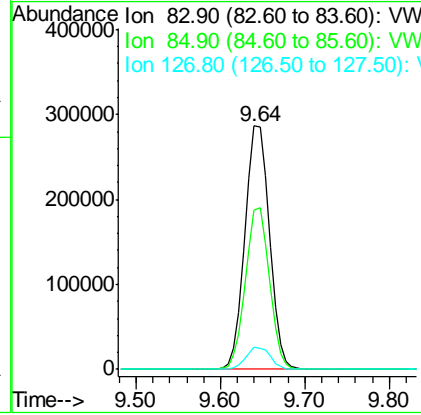
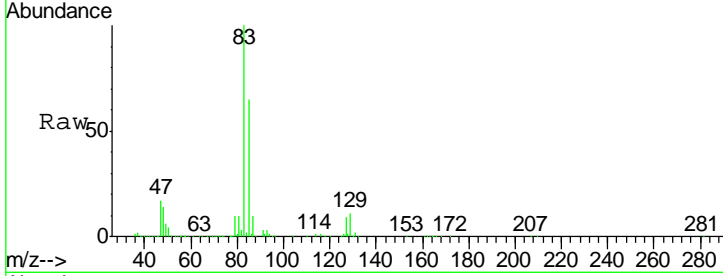
#47
 Bromodichloromethane
 Concen: 44.112 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	100		
85	65.4	50.4	75.6
127	9.0	7.4	11.0

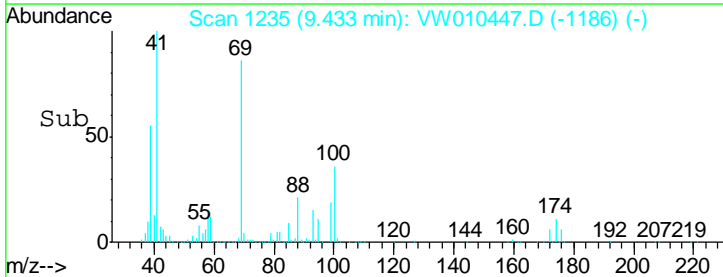
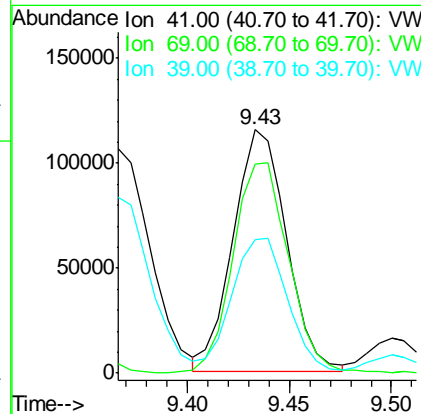
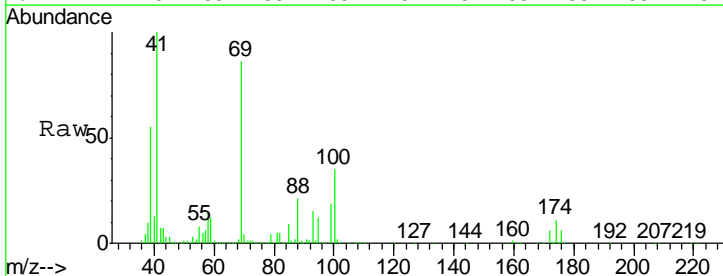
Manual Integrations
APPROVED

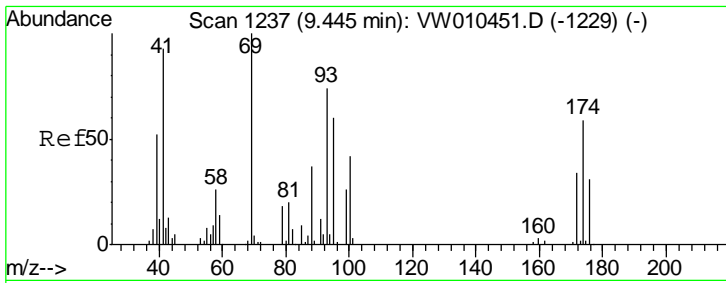
MMDadoda
 5/21/2019 11:28:25 AM



#48
 Methyl methacrylate
 Concen: 41.369 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
41	100		
69	89.7	77.6	116.4
39	55.6	49.8	74.8





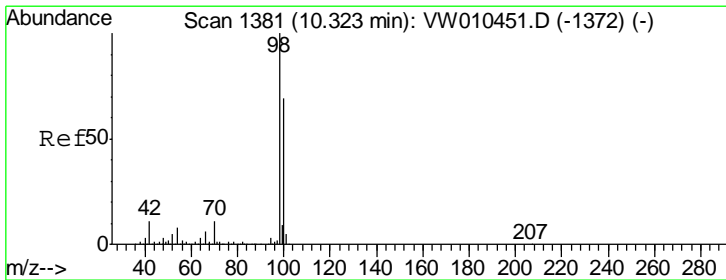
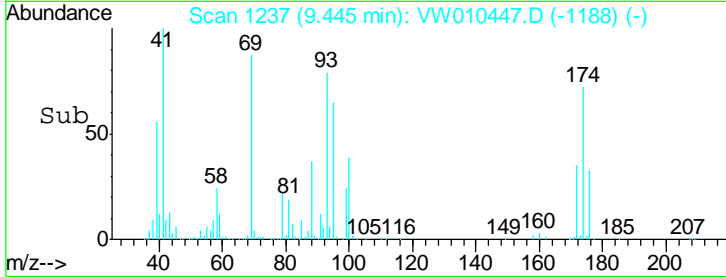
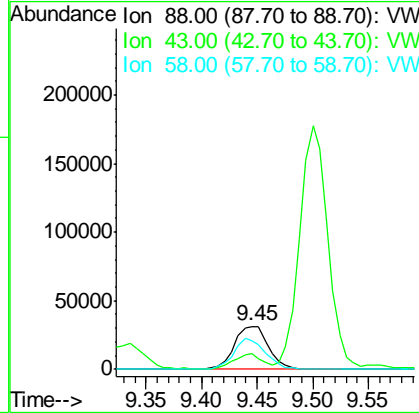
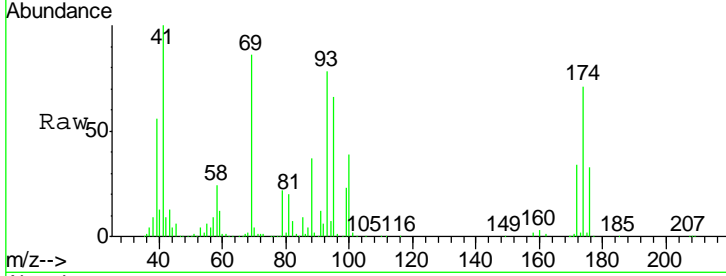
#49
 1,4-Dioxane
 Concen: 813.023 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
Client Sampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
88	100		
43	27.8	25.9	38.9
58	66.5	52.7	79.1

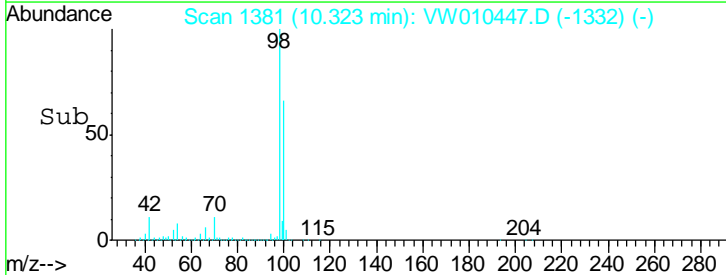
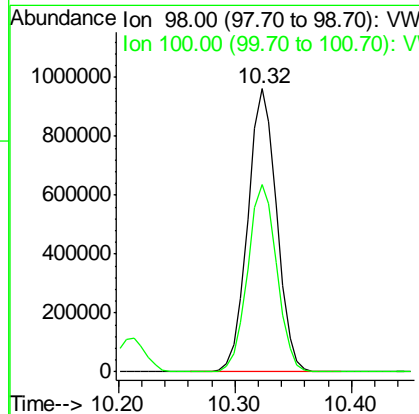
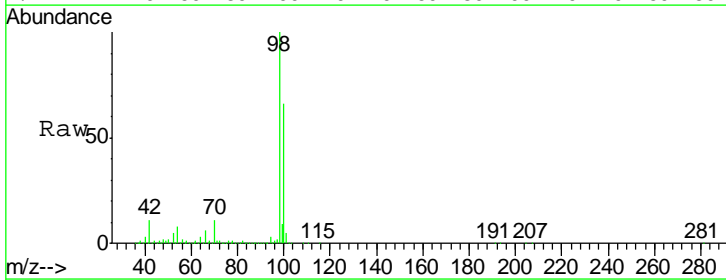
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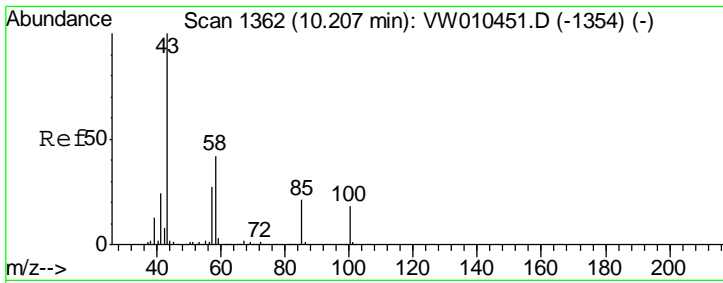
MMDadoda
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#50
 Toluene-d8
 Concen: 51.337 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
98	100		
100	66.8	53.7	80.5





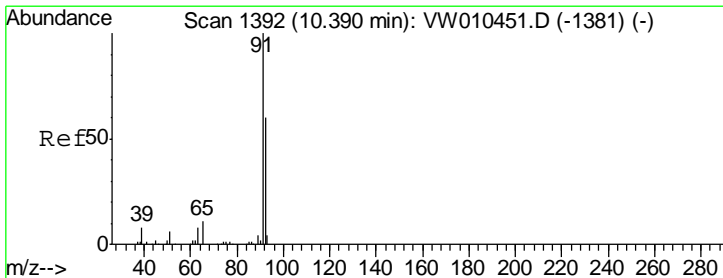
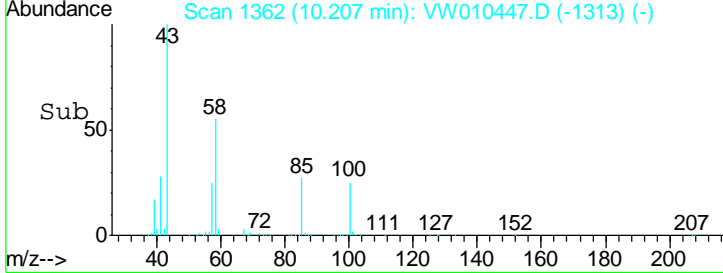
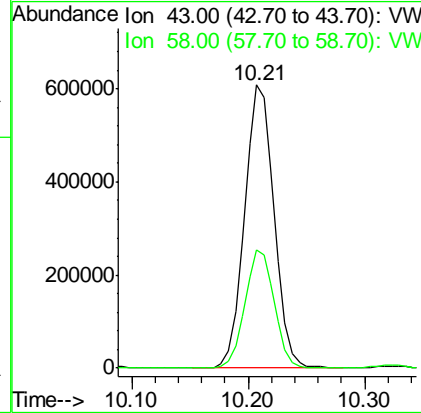
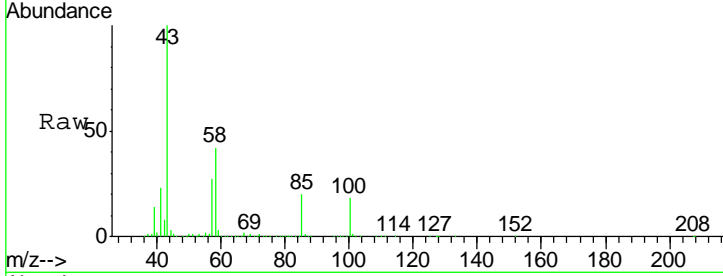
#51
 4-Methyl-2-Pentanone
 Concen: 190.326 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 1068861

Ion	Ratio	Lower	Upper
43	100		
58	41.5	33.2	49.8

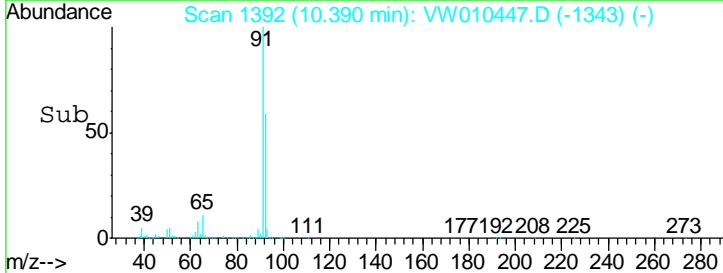
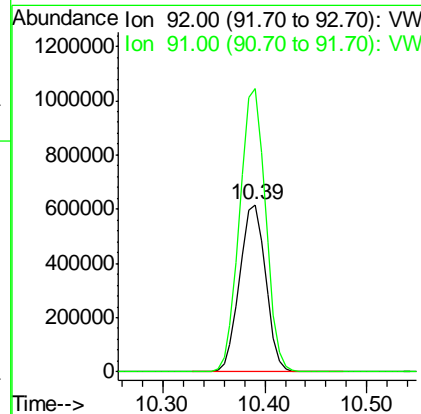
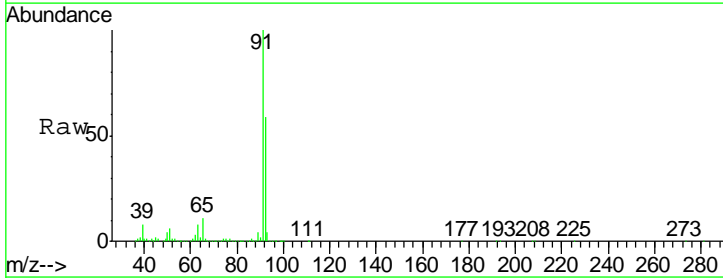
Manual Integrations
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 MMDadoda
 5/21/2019 11:28:25 AM

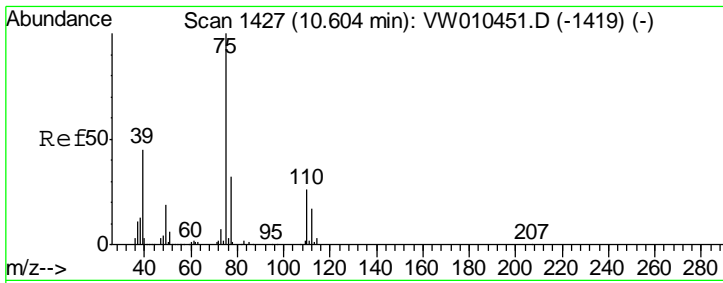


#52
 Toluene
 Concen: 44.772 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion: 92 Resp: 1090232

Ion	Ratio	Lower	Upper
92	100		
91	168.9	135.4	203.0



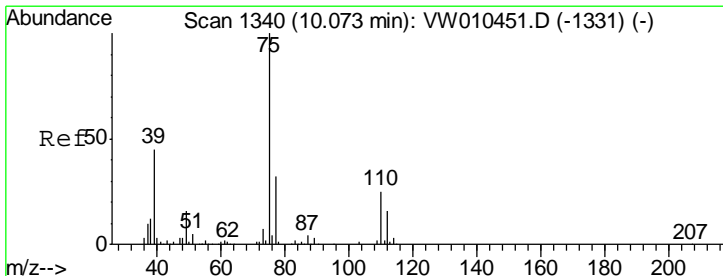
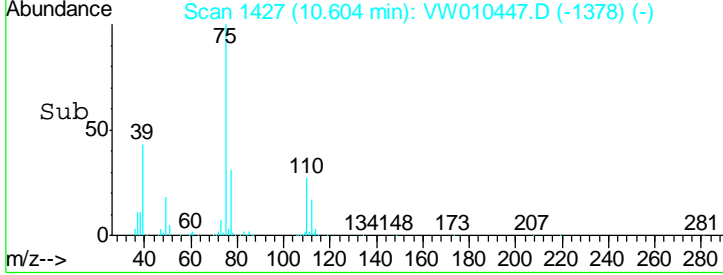
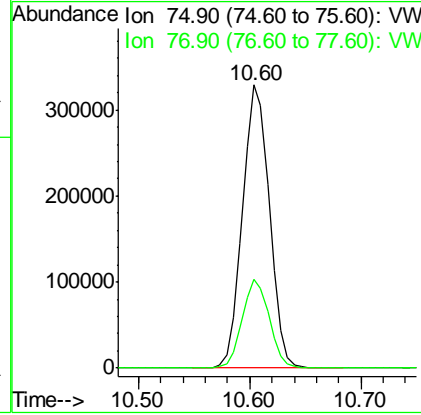
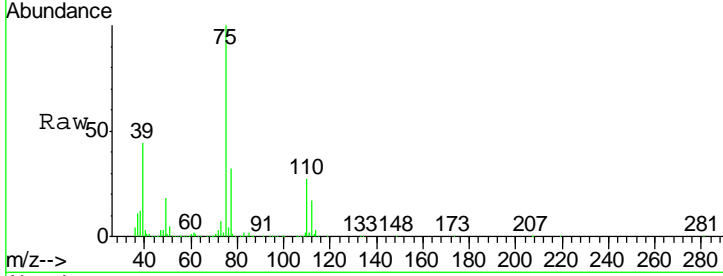


#53
 t-1,3-Dichloropropene
 Concen: 42.970 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

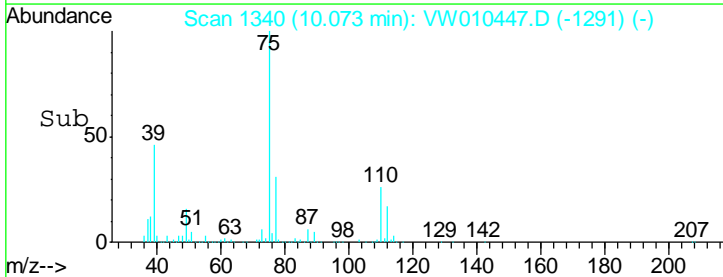
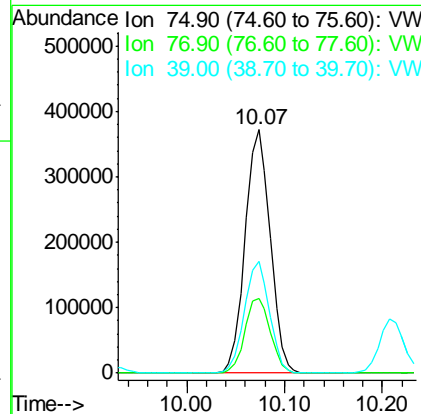
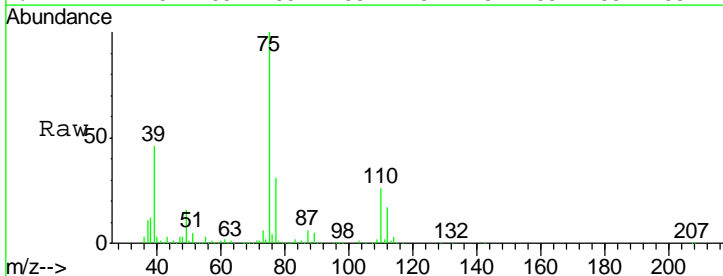
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.5	25.4	38.0

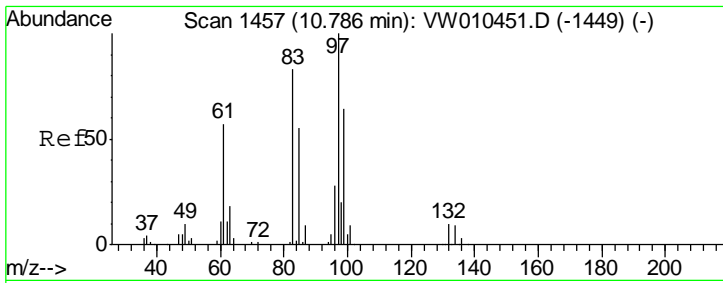
Manual Integrations
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#54
 cis-1,3-Dichloropropene
 Concen: 45.277 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
75	100		
77	30.6	25.7	38.5
39	45.6	36.2	54.4





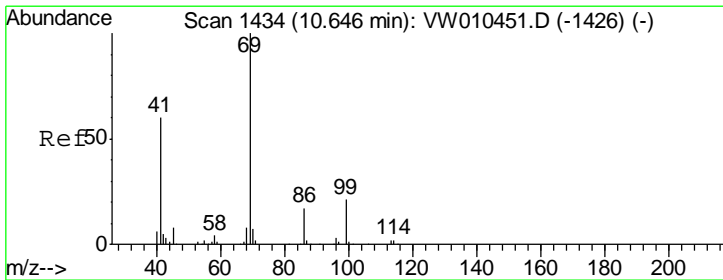
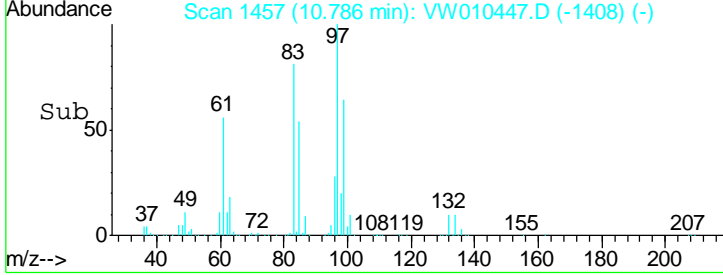
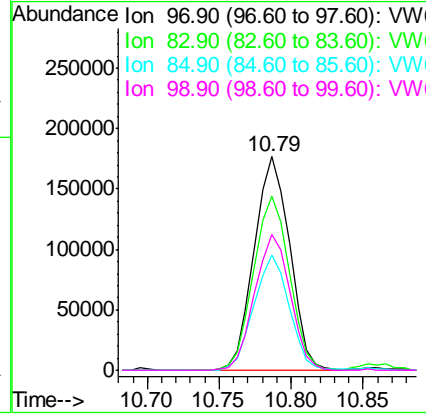
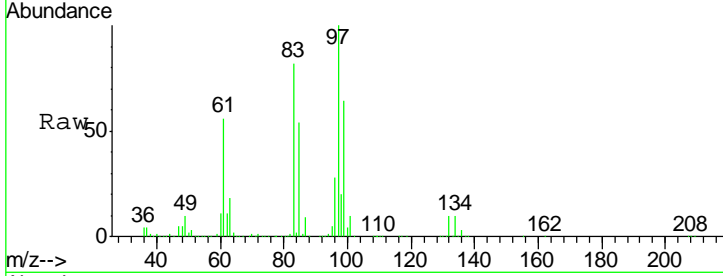
#55
 1,1,2-Trichloroethane
 Concen: 41.662 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 Client Sampled : VSTDC050

Tgt Ion	Resp	Lower	Upper
97	301722		
97	100		
83	81.5	66.1	99.1
85	53.9	44.2	66.4
99	63.8	51.1	76.7

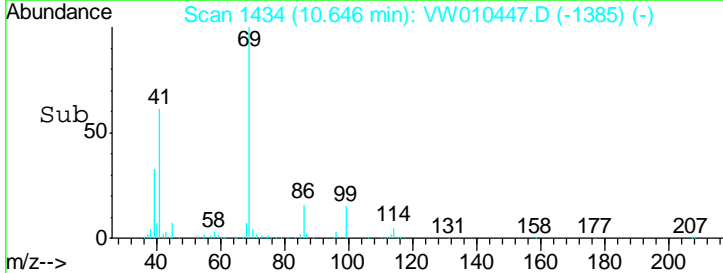
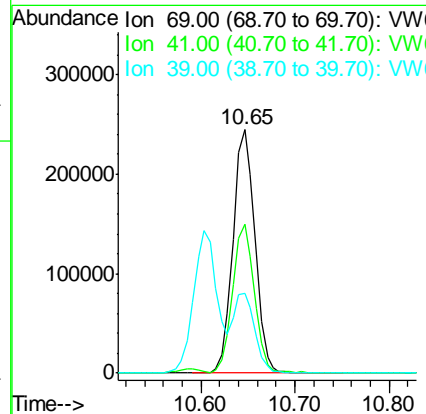
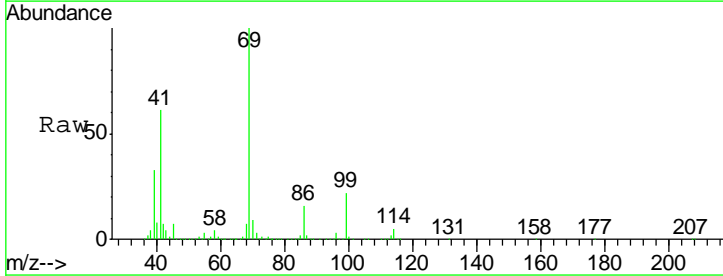
Manual Integrations
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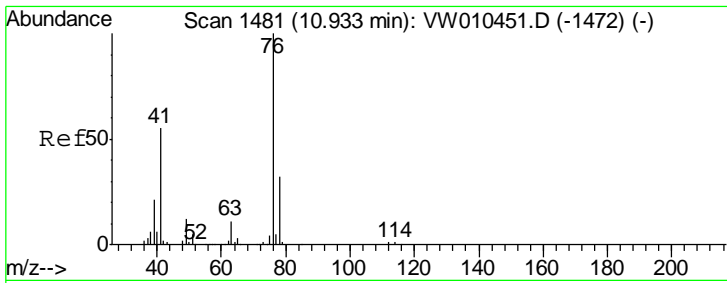
MMDadoda
 5/21/2019 11:28:25 AM



#56
 Ethyl methacrylate
 Concen: 39.584 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
69	395372		
69	100		
41	60.1	47.7	71.5
39	31.6	25.3	37.9





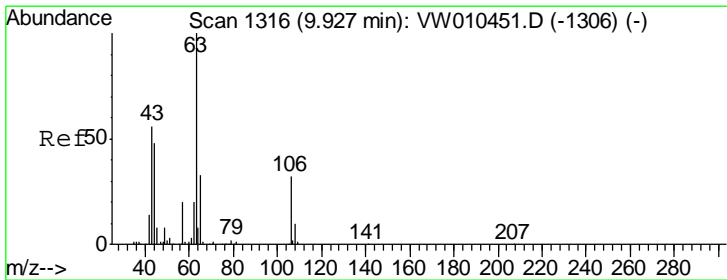
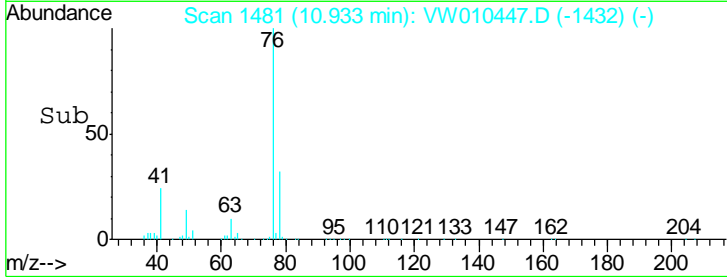
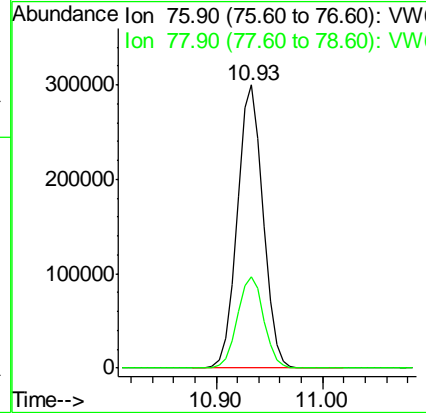
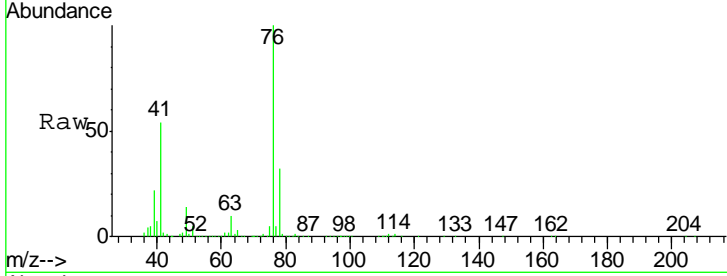
#57
 1,3-Dichloropropane
 Concen: 41.982 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
76	100		
78	32.9	26.2	39.2

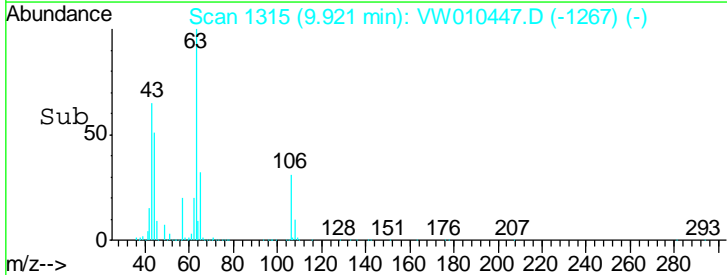
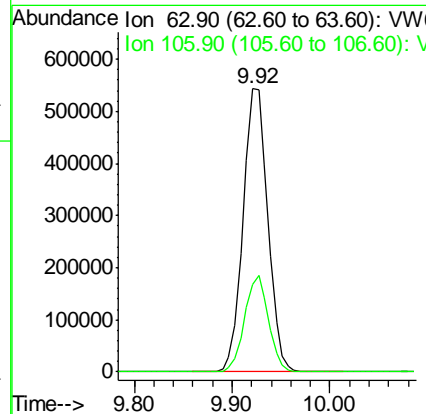
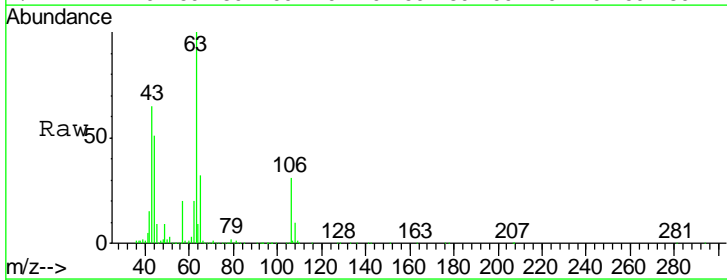
Manual Integrations
 APPROVED

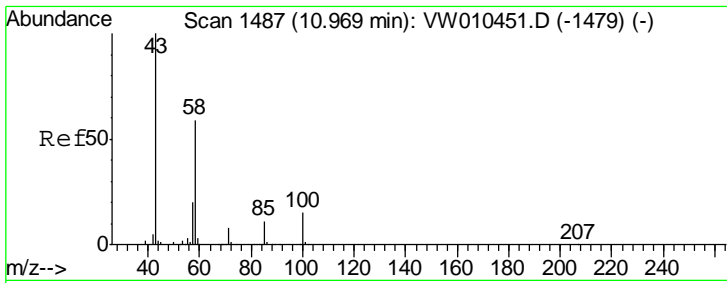
MMDadoda
 5/21/2019 11:28:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 215.560 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
63	100		
106	32.7	25.8	38.6



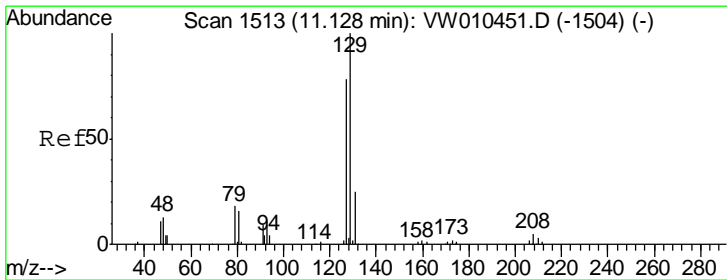
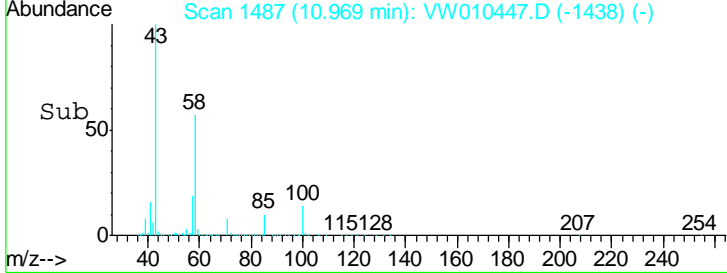
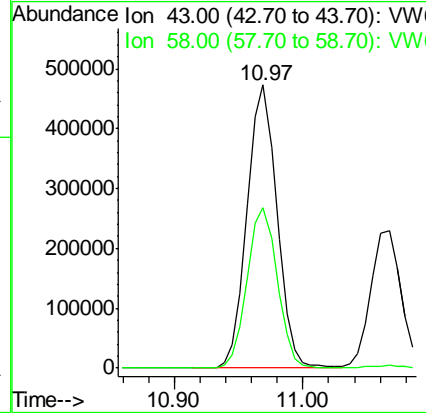
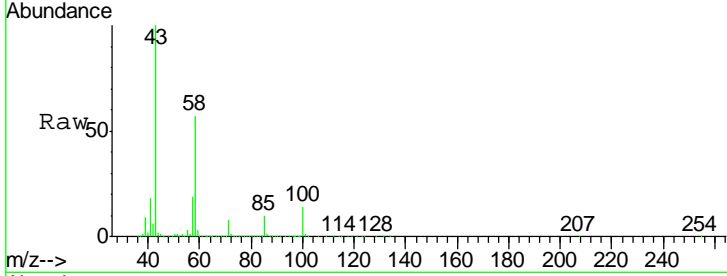


#59
 2-Hexanone
 Concen: 189.055 ug/l
 RT: 10.97 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

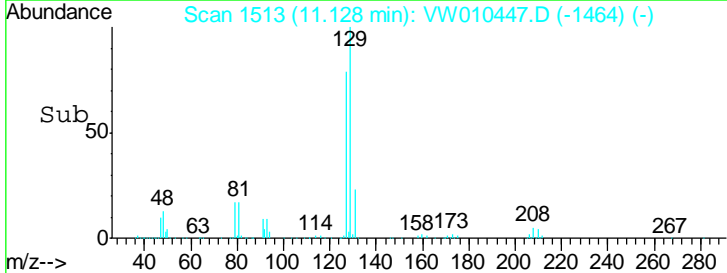
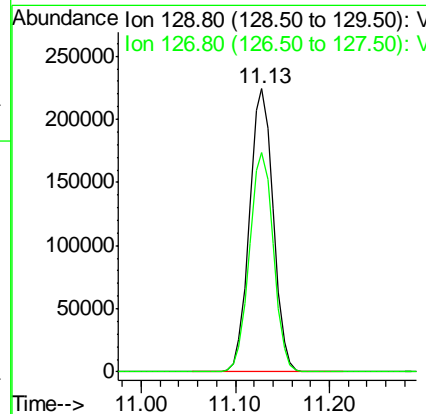
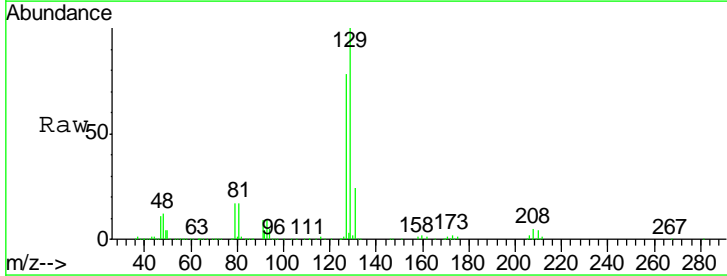
Tgt Ion	Resp	Lower	Upper
43	100		
58	57.3	28.9	86.8

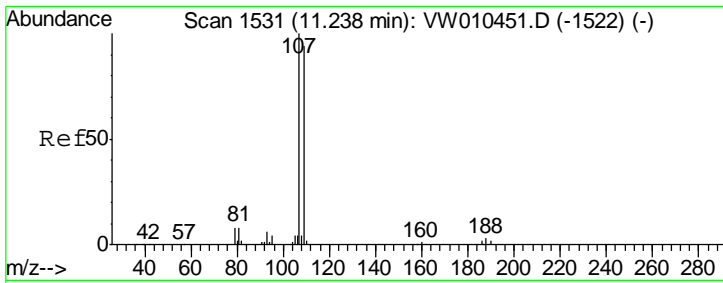
Manual Integrations
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 MMDadoda
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#60
 Dibromochloromethane
 Concen: 43.221 ug/l
 RT: 11.13 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
129	100		
127	78.3	38.9	116.7





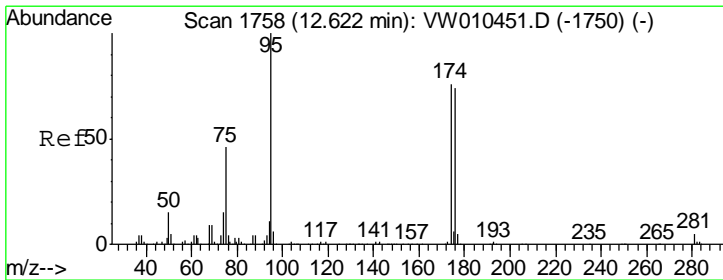
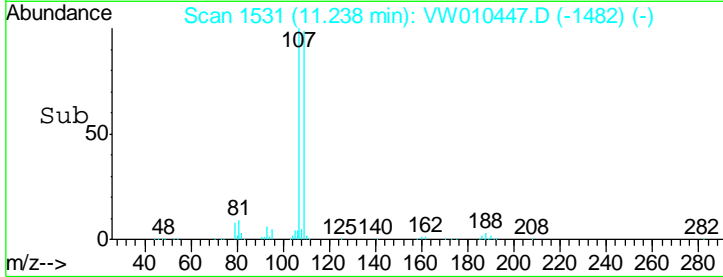
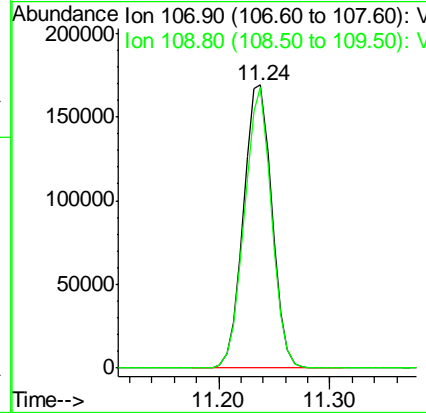
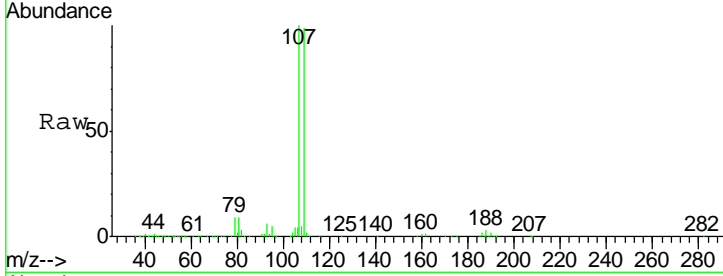
#61
 1,2-Dibromoethane
 Concen: 40.920 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
107	100		
109	94.2	75.0	112.4

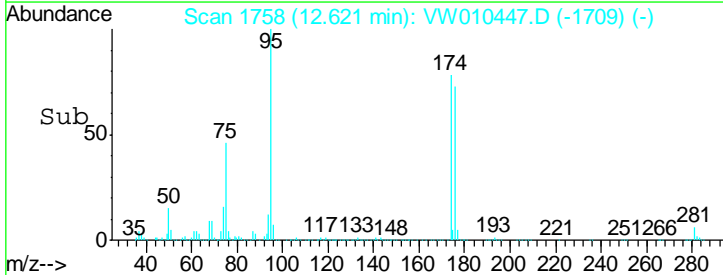
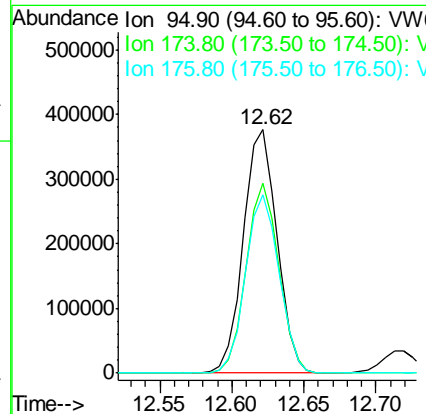
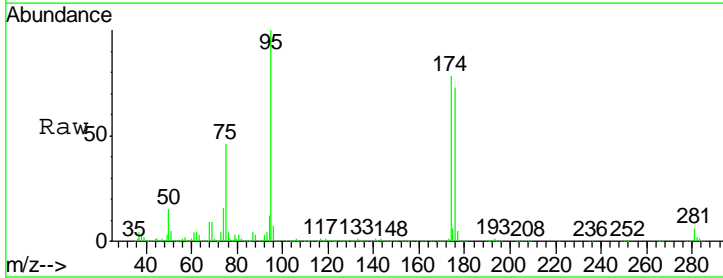
Manual Integrations
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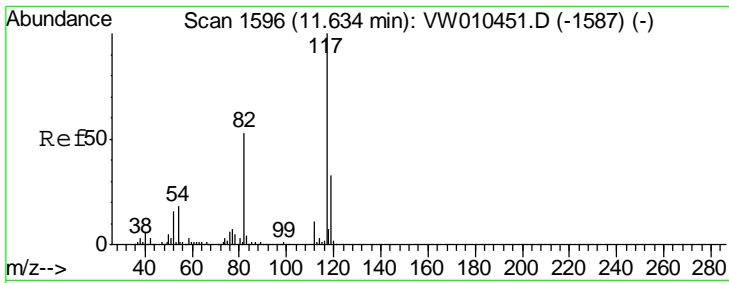
MMDadoda
 5/21/2019 11:28:25 AM



#62
 4-Bromofluorobenzene
 Concen: 47.265 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
95	100		
174	75.6	0.0	148.6
176	72.4	0.0	144.2



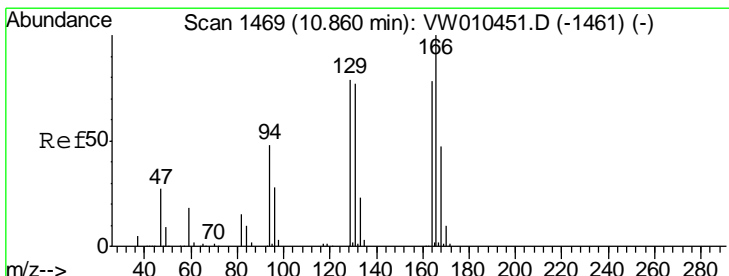
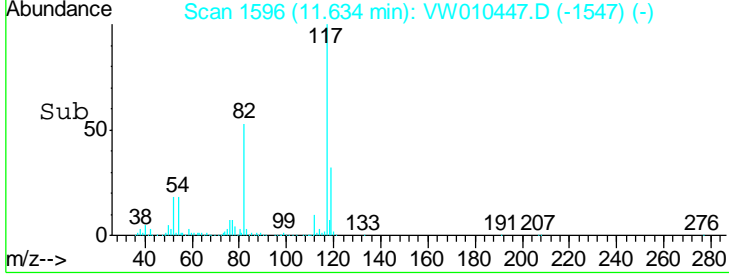
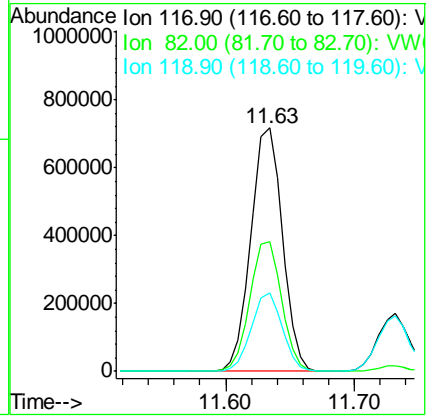
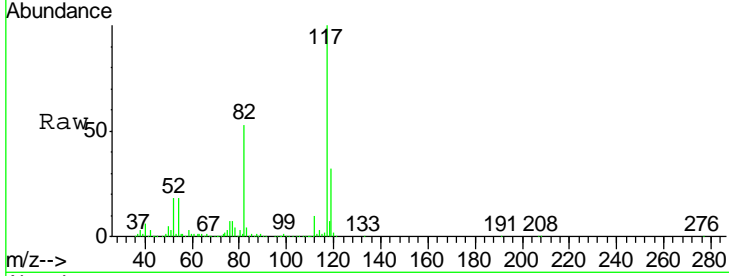


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

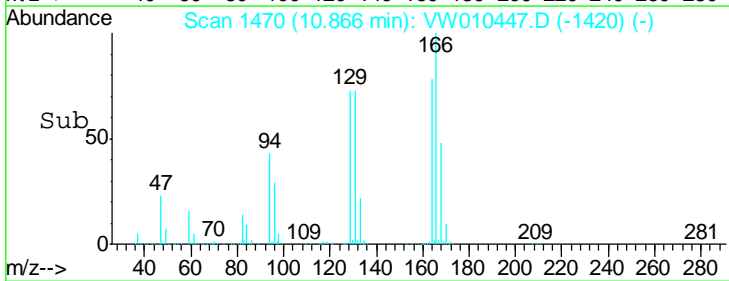
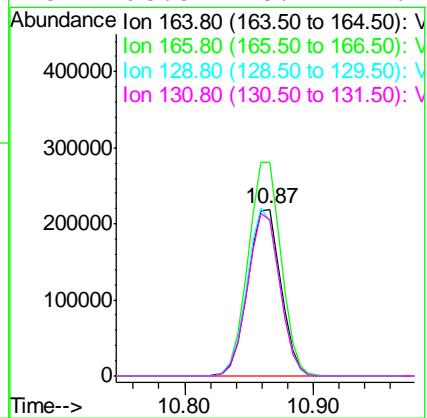
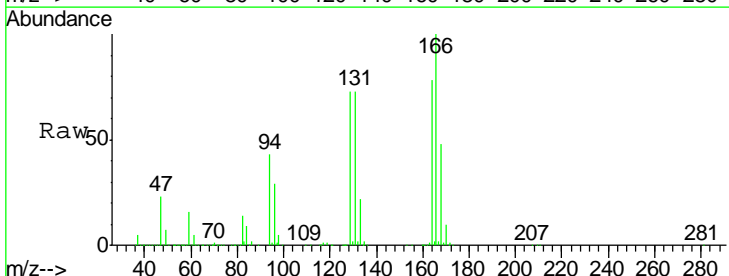
Tgt Ion	Resp	Lower	Upper
117	100		
82	53.4	42.8	64.2
119	32.4	26.3	39.5

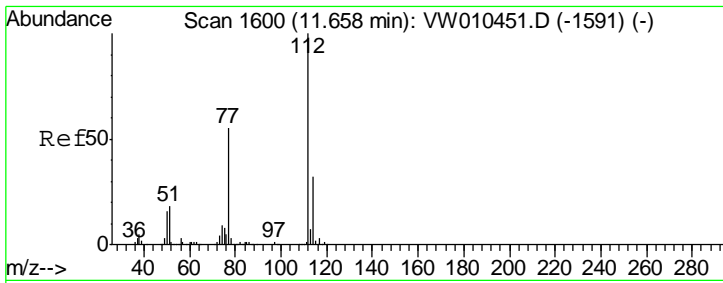
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#64
 Tetrachloroethene
 Concen: 45.452 ug/l
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
164	100		
166	128.1	101.9	152.9
129	93.2	80.6	121.0
131	93.5	78.2	117.2





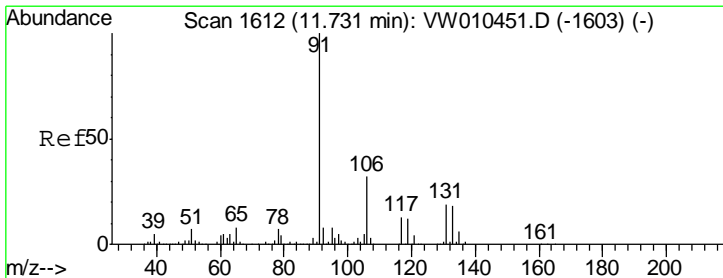
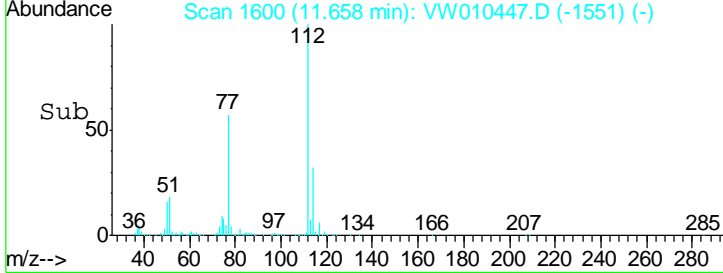
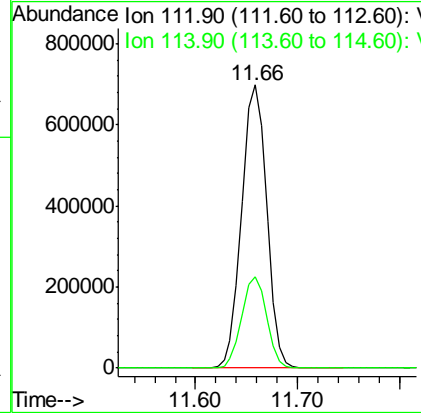
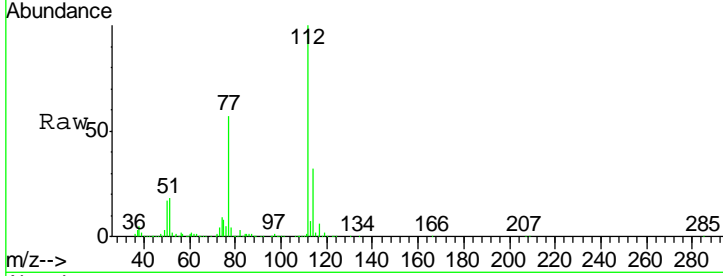
#65
 Chlorobenzene
 Concen: 45.842 ug/l
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
112	100		
114	32.3	25.3	37.9

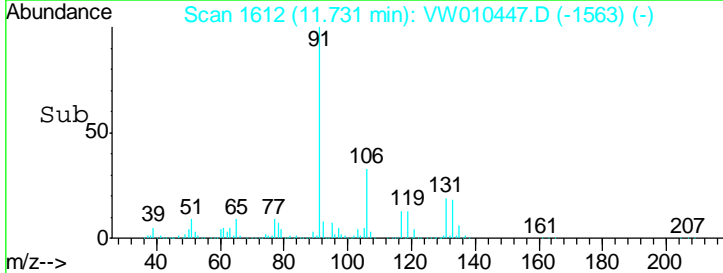
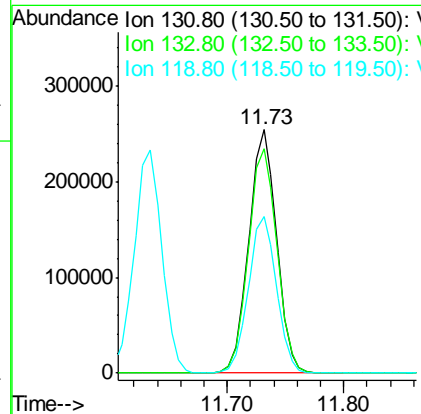
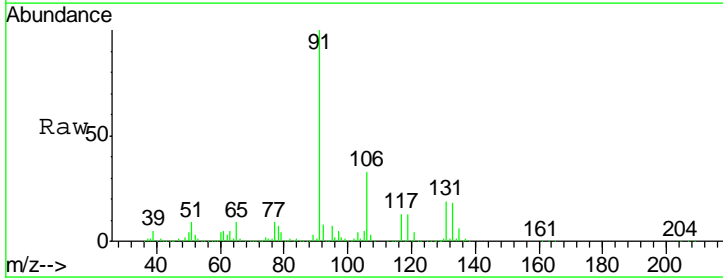
Manual Integrations
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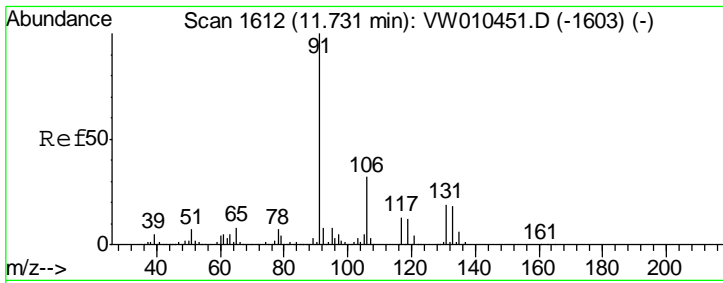
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#66
 1,1,1,2-Tetrachloroethane
 Concen: 45.794 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
131	100		
133	95.0	47.3	141.9
119	65.4	32.1	96.5



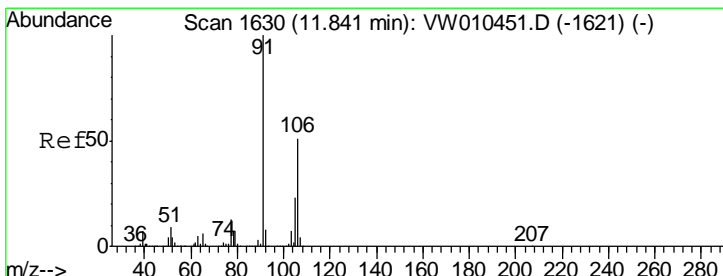
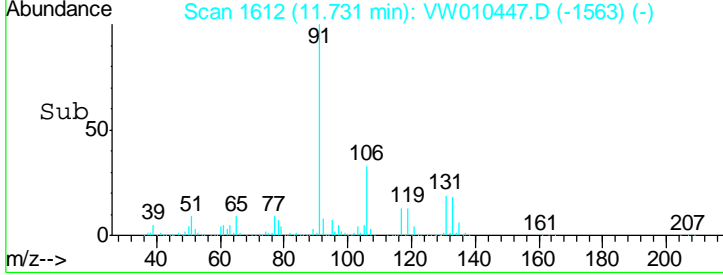
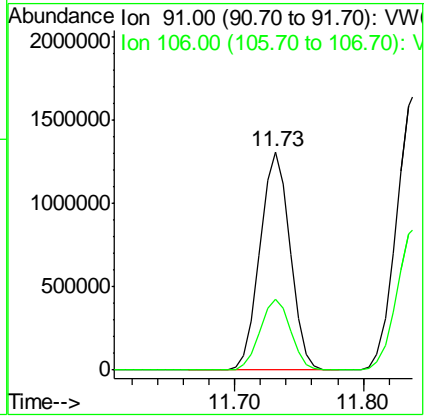
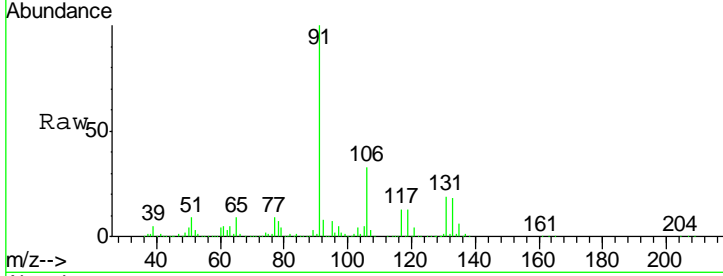


#67
 Ethyl Benzene
 Concen: 46.410 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

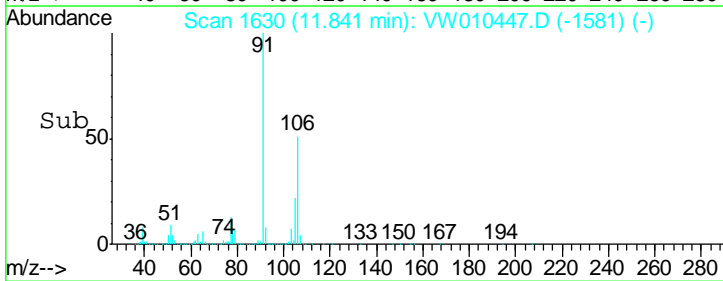
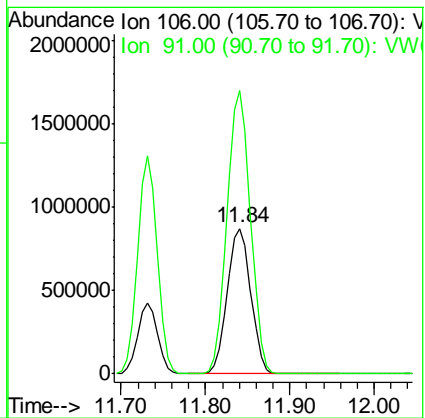
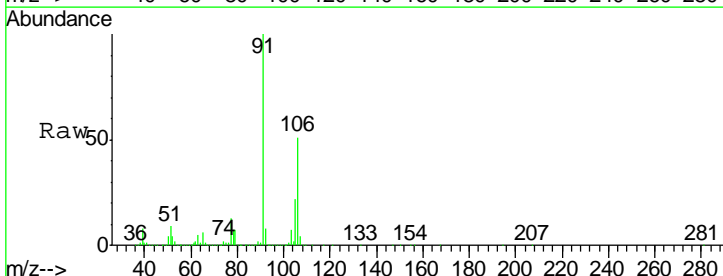
Tgt Ion: 91 Resp: 2120045
 Ion Ratio Lower Upper
 91 100
 106 32.7 25.9 38.9

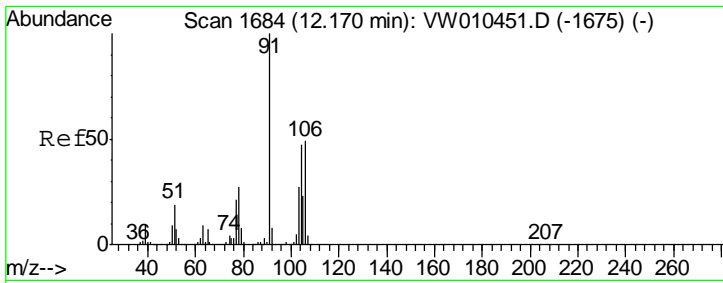
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#68
 m/p-Xylenes
 Concen: 92.512 ug/l
 RT: 11.84 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion: 106 Resp: 1657580
 Ion Ratio Lower Upper
 106 100
 91 194.2 156.0 234.0





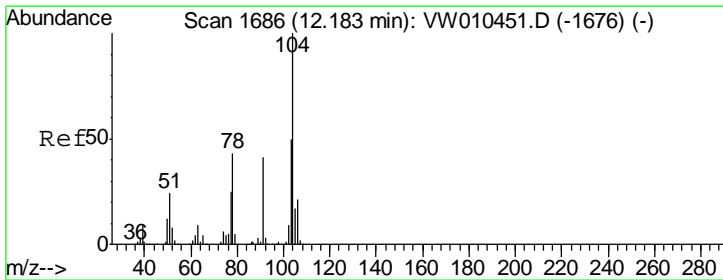
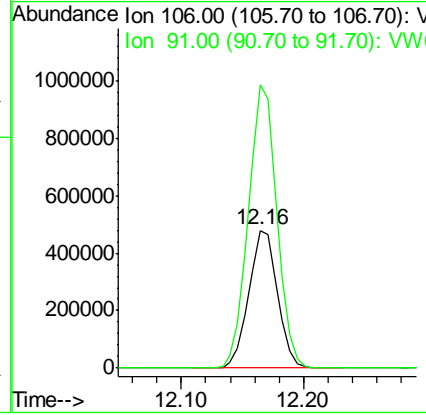
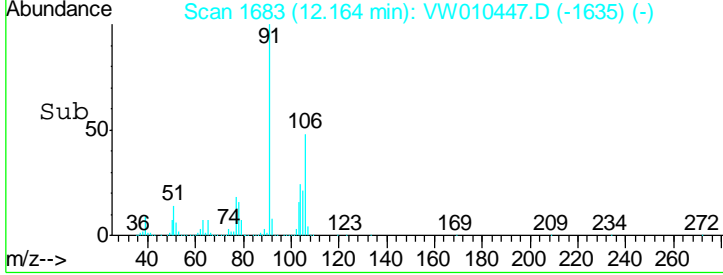
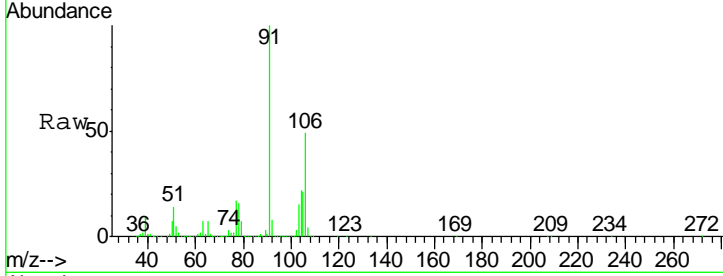
#69
 o-Xylene
 Concen: 45.971 ug/l
 RT: 12.16 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
106	780387		
106	100		
91	204.9	103.2	309.4

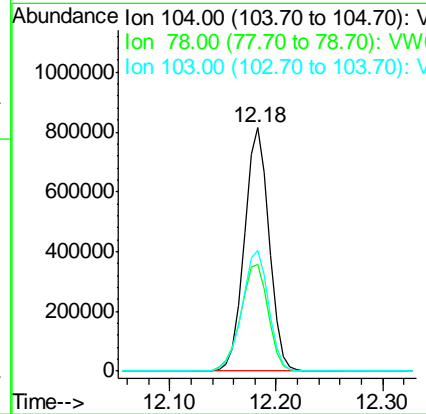
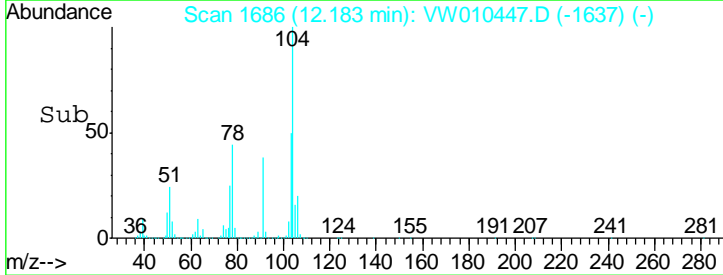
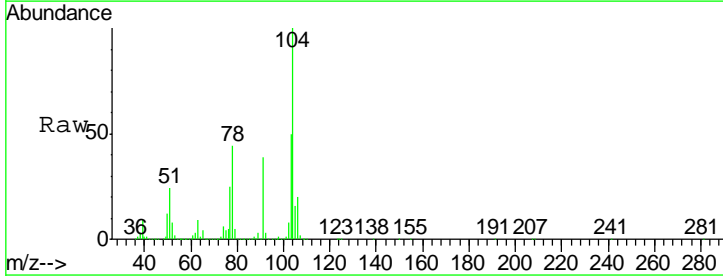
Manual Integrations
APPROVED

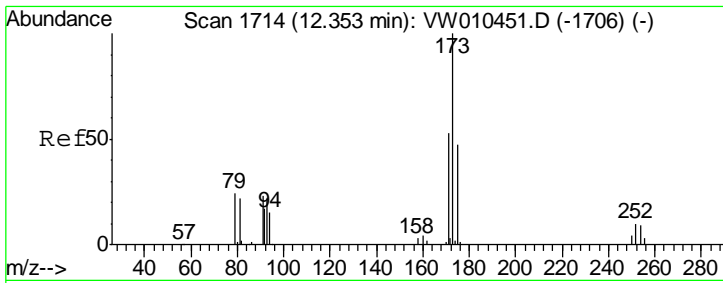
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#70
 Styrene
 Concen: 45.977 ug/l
 RT: 12.18 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
104	1324268		
104	100		
78	49.0	39.0	58.4
103	53.5	43.0	64.6





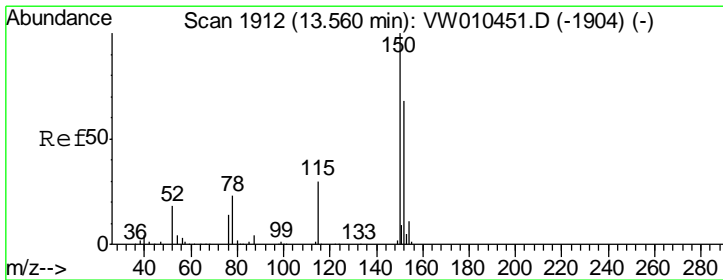
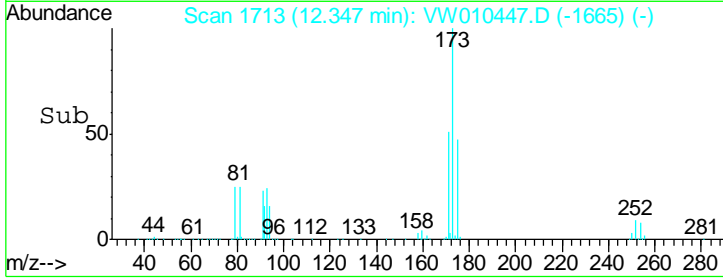
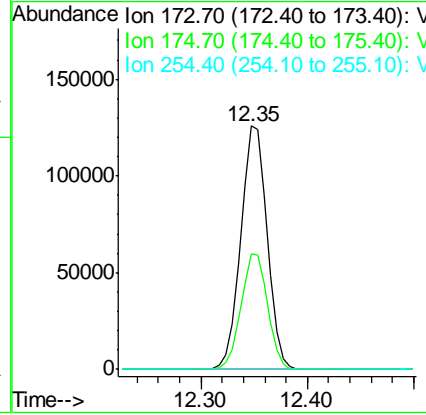
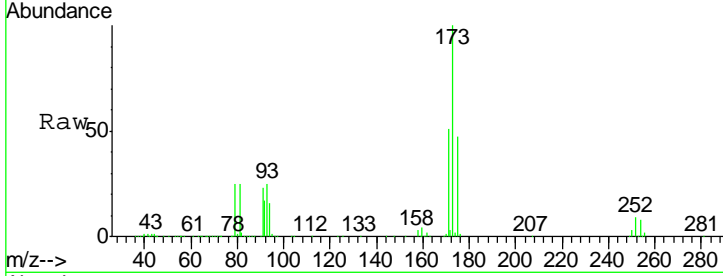
#71
 Bromoform
 Concen: 42.900 ug/l
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
173	100		
175	47.7	24.4	73.4
254	0.1	0.0	0.0#

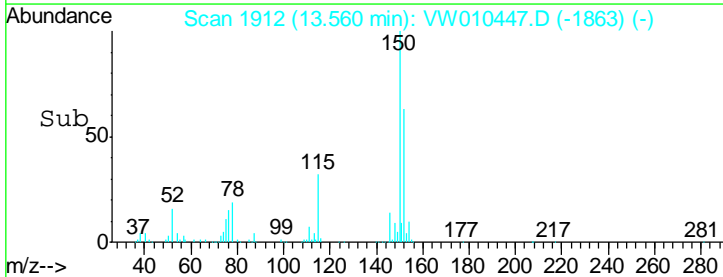
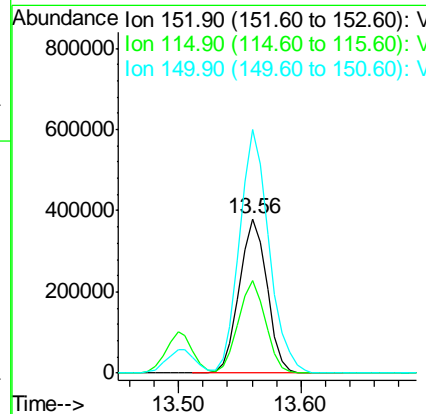
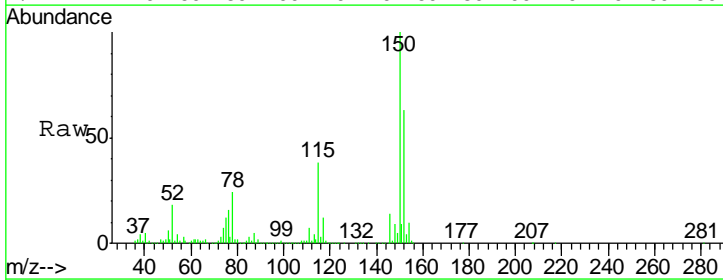
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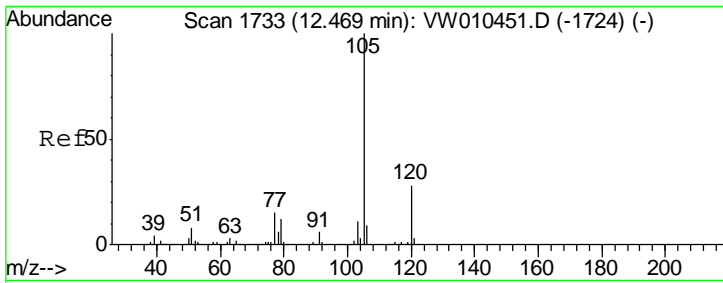
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
152	100		
115	58.8	30.3	91.0
150	168.6	0.0	349.8





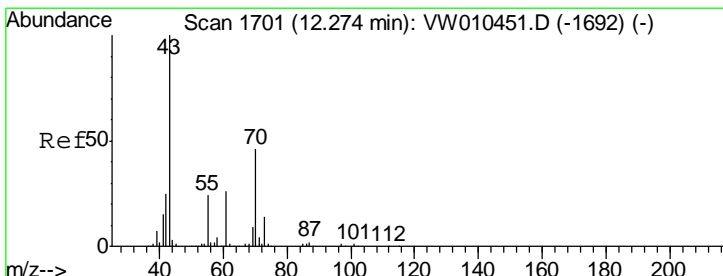
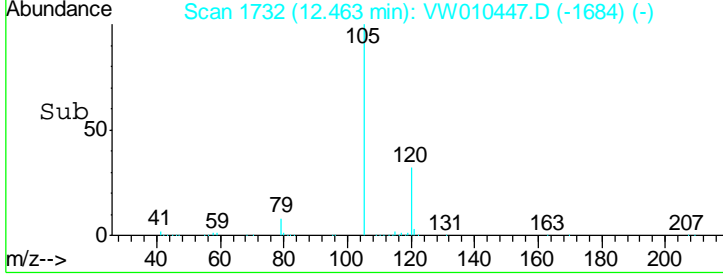
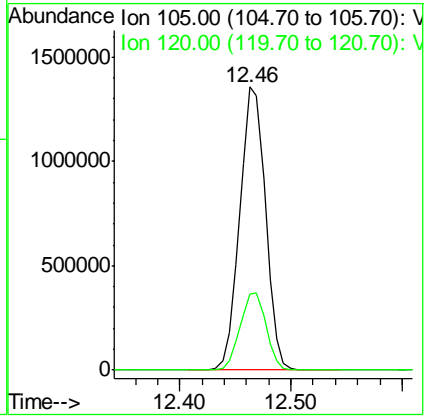
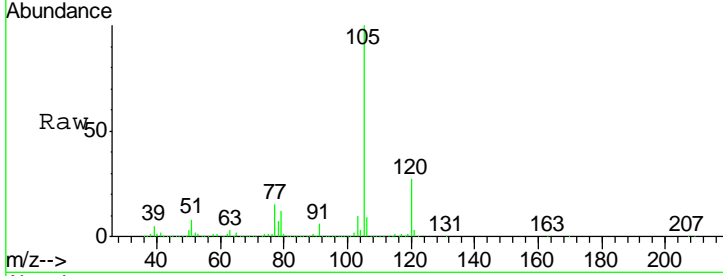
#73
 Isopropylbenzene
 Concen: 46.277 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion: 105 Resp: 2174589

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.9	41.7

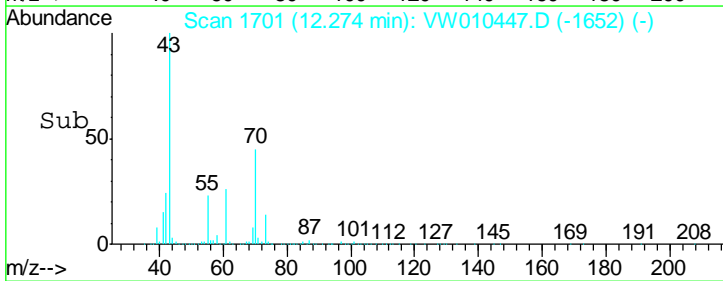
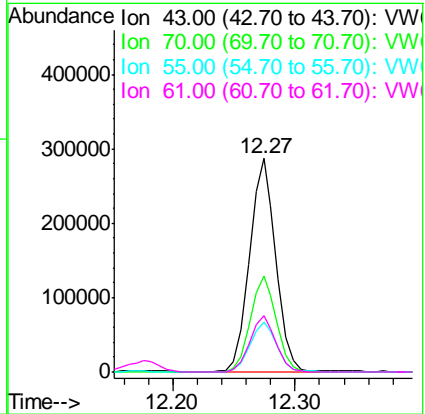
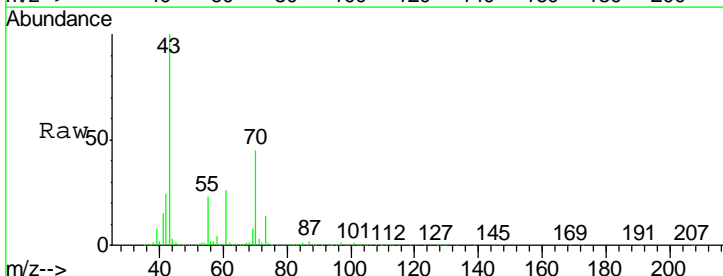
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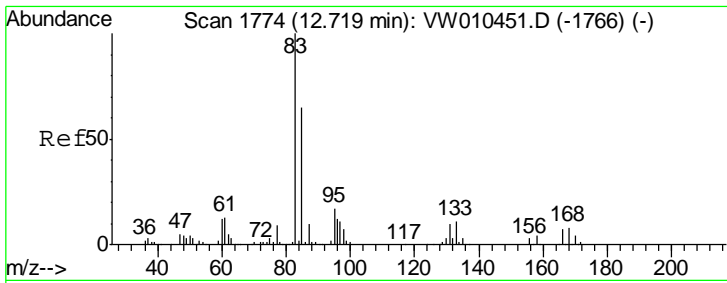


#74
 N-amyl acetate
 Concen: 39.514 ug/l
 RT: 12.27 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion: 43 Resp: 425498

Ion	Ratio	Lower	Upper
43	100		
70	44.9	37.1	55.7
55	23.8	19.6	29.4
61	26.0	20.7	31.1





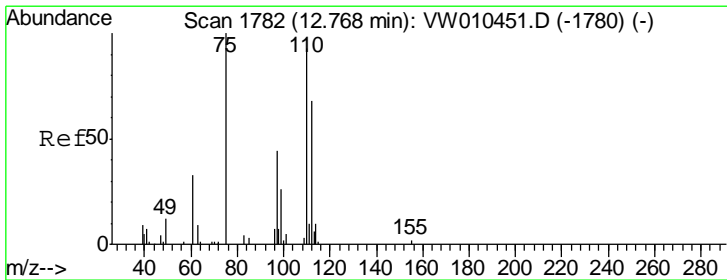
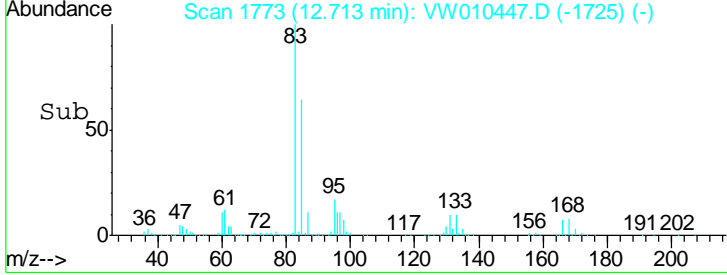
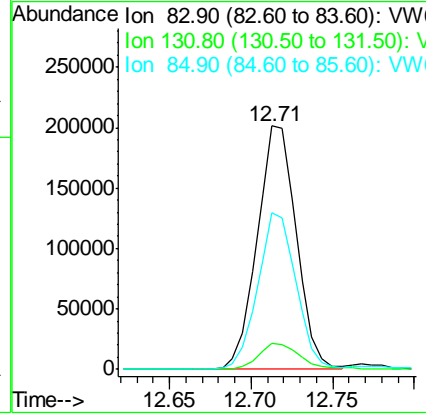
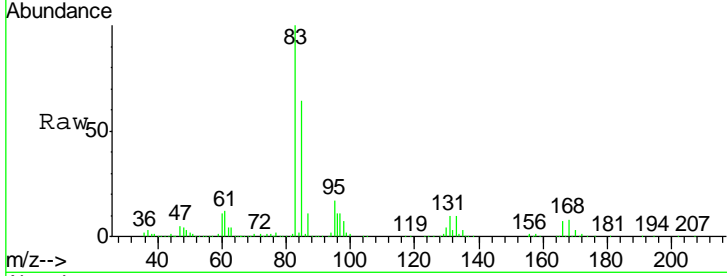
#75
 1,1,2,2-Tetrachloroethane
 Concen: 39.320 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	100		
131	11.4	5.6	16.8
85	63.2	32.4	97.0

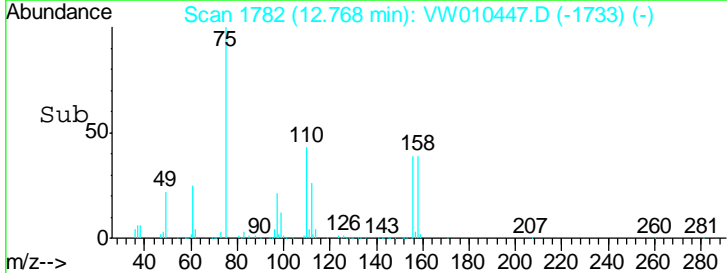
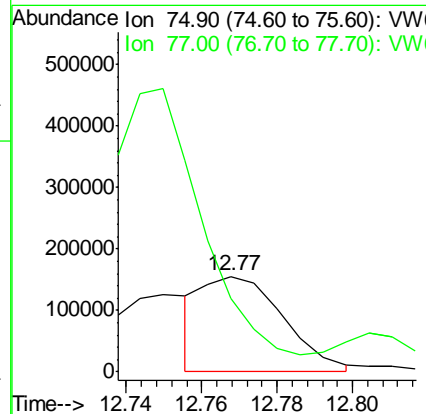
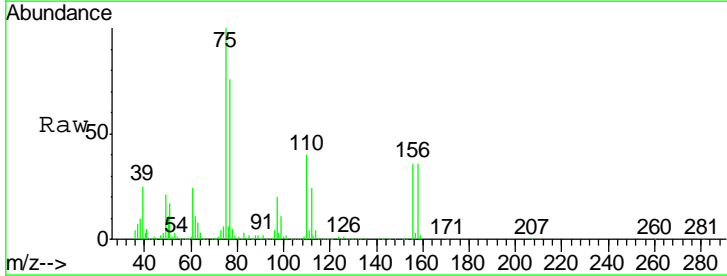
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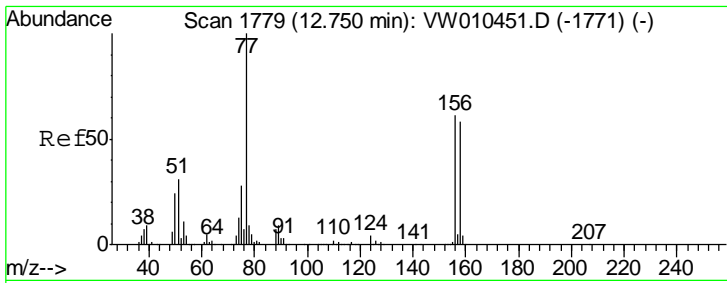
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#76
 1,2,3-Trichloropropane
 Concen: 38.579 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
75	100		
77	371.2	170.0	510.1



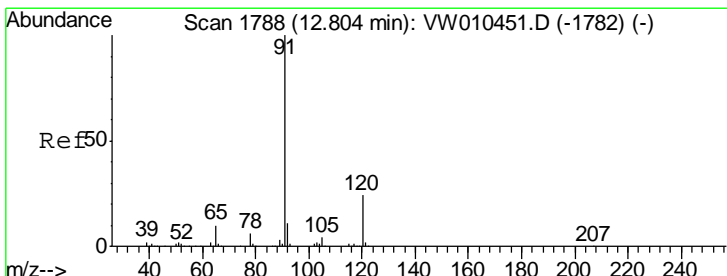
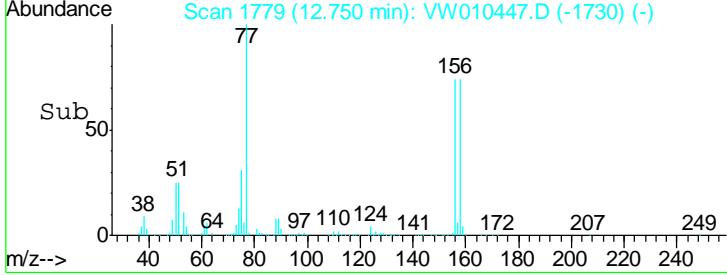
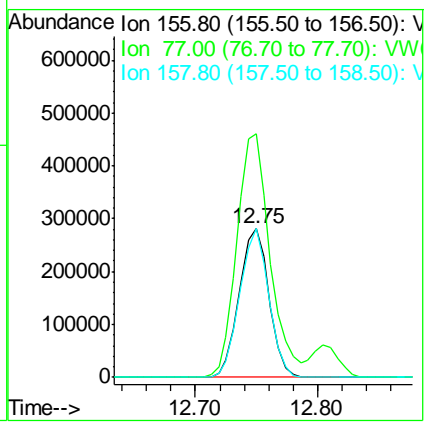
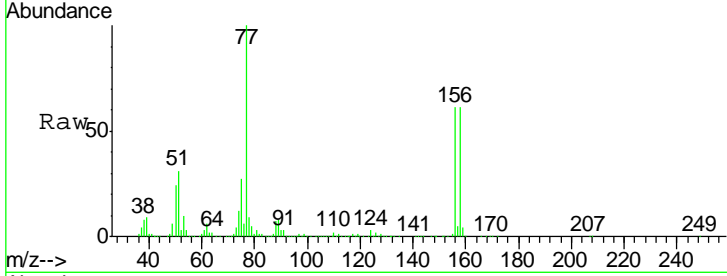


#77
 Bromobenzene
 Concen: 45.009 ug/l
 RT: 12.75 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

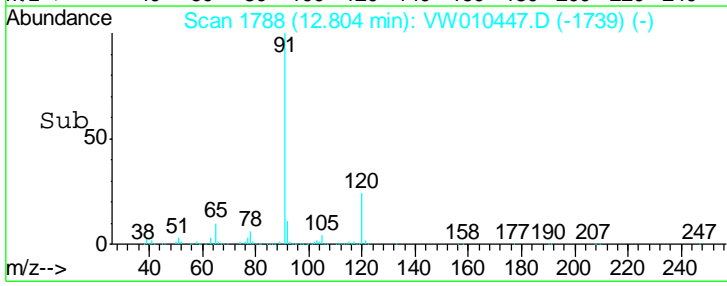
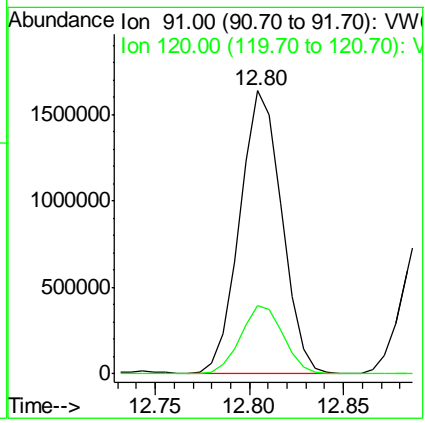
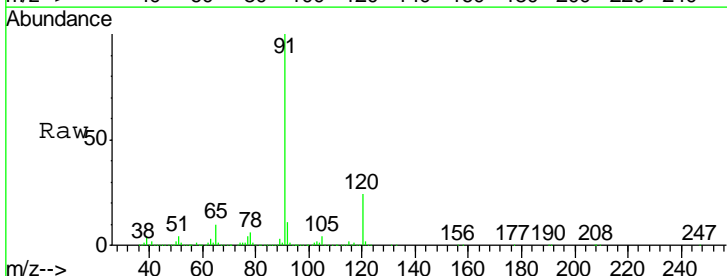
Tgt Ion	Resp	Lower	Upper
156	473301		
77	181.9	92.4	277.2
158	97.5	48.3	144.8

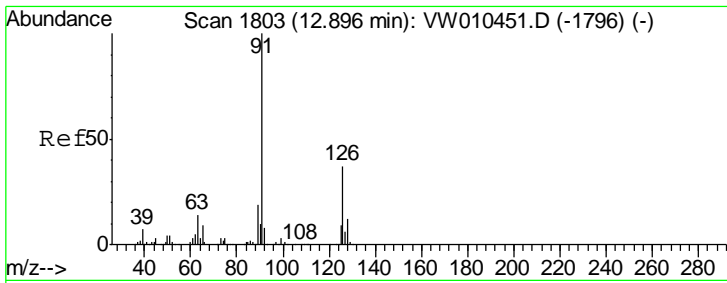
Manual Integrations
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 MMDadoda
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#78
 n-propylbenzene
 Concen: 46.215 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
91	2530800		
120	24.4	12.3	36.8



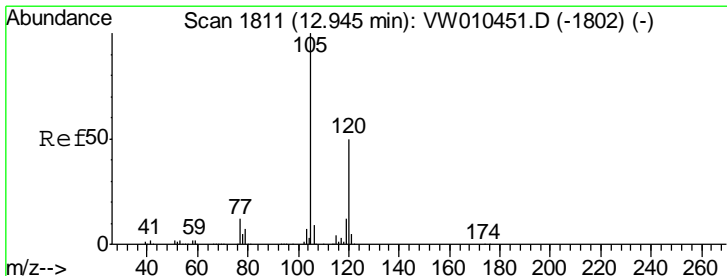
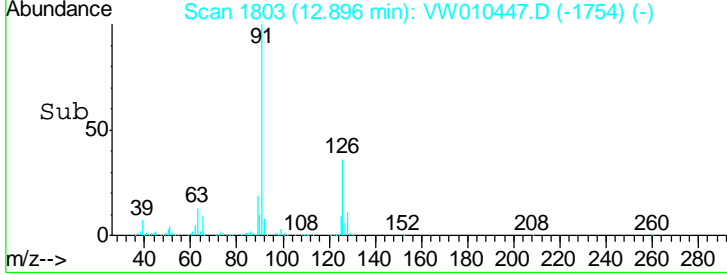
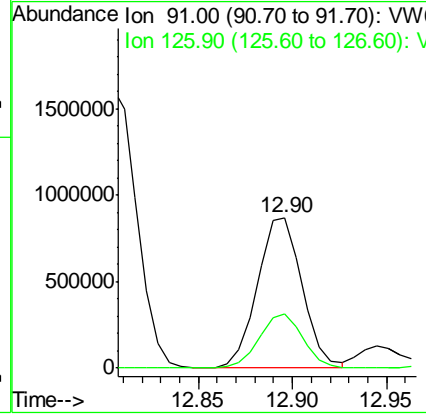
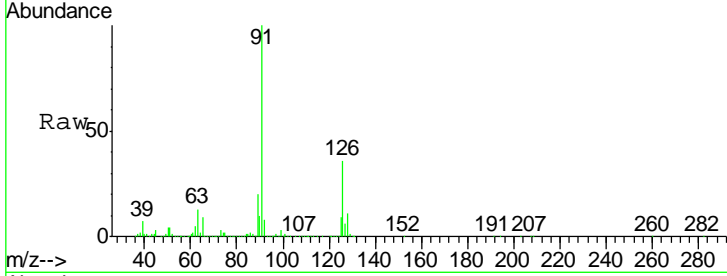


#79
 2-Chlorotoluene
 Concen: 45.127 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

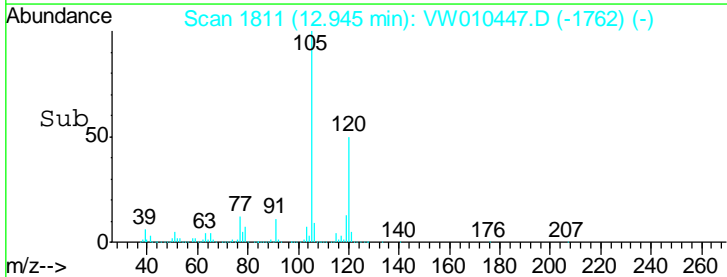
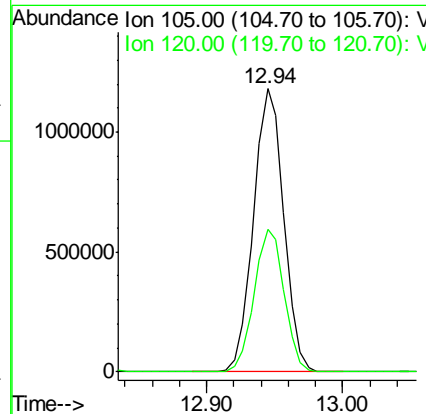
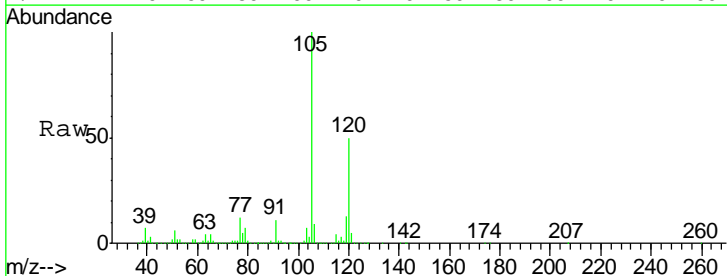
Tgt Ion	Resp	Lower	Upper
91	100		
126	35.2	17.4	52.3

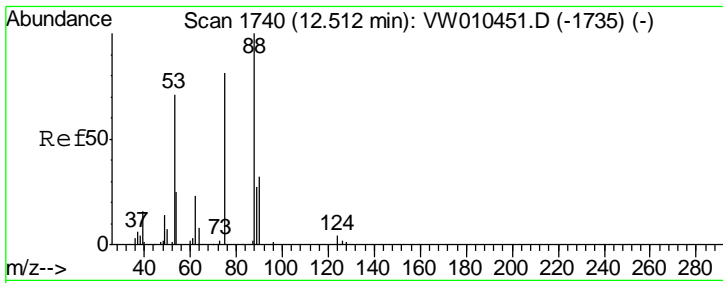
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 46.194 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
105	100		
120	50.3	25.2	75.6





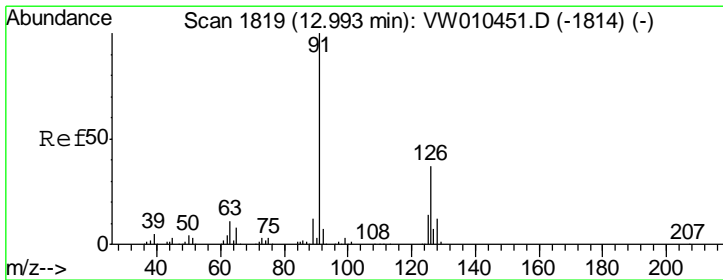
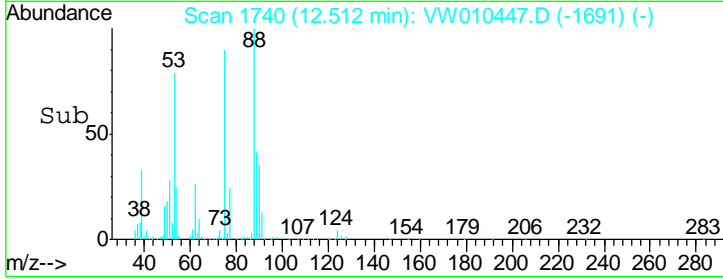
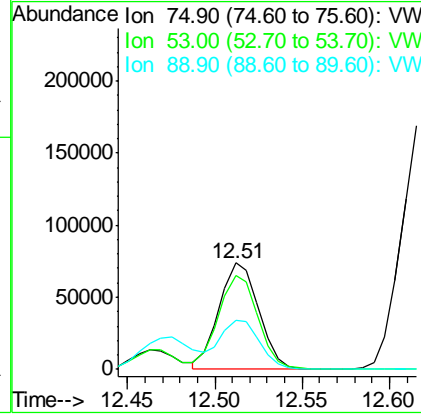
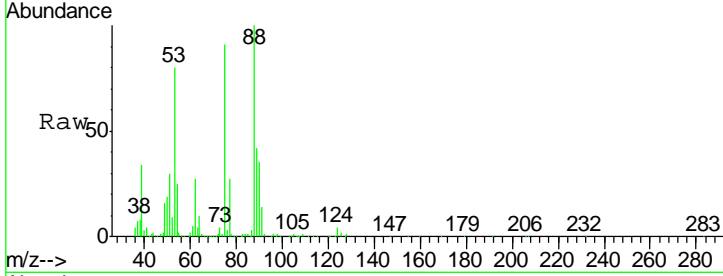
#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.083 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
75	100		
53	89.7	69.8	104.8
89	46.9	39.5	59.3

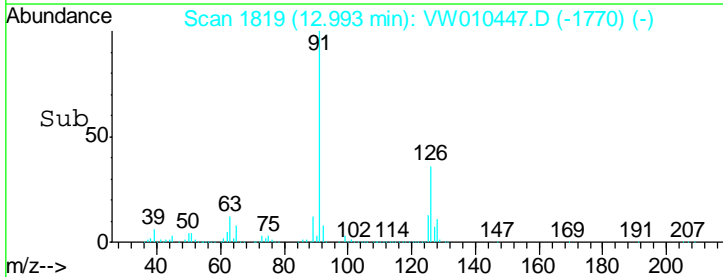
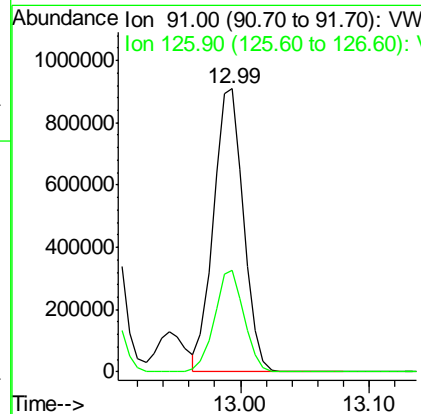
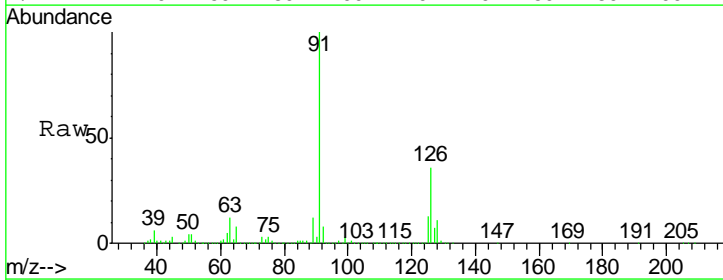
Manual Integrations
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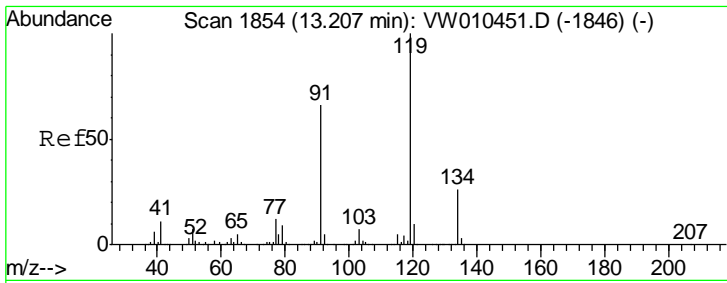
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#82
 4-Chlorotoluene
 Concen: 44.916 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
91	100		
126	35.4	17.5	52.6





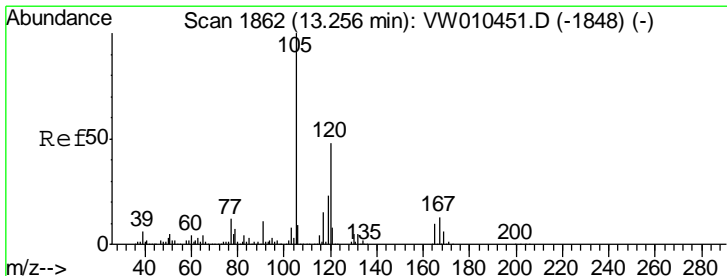
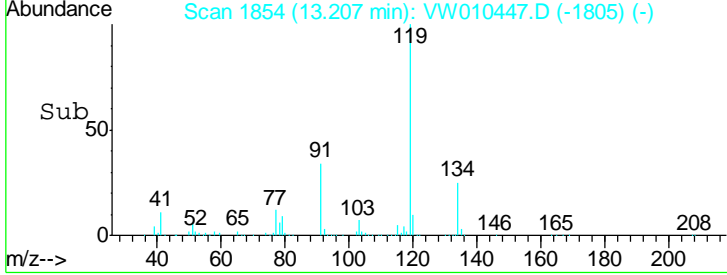
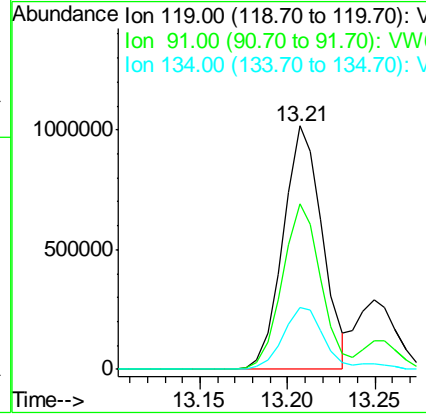
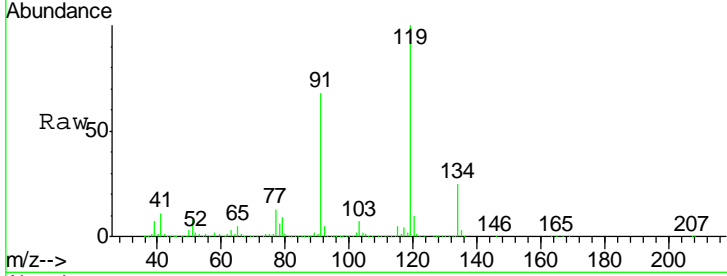
#83
 tert-Butylbenzene
 Concen: 45.666 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
119	100		
91	67.4	33.1	99.5
134	28.0	13.9	41.6

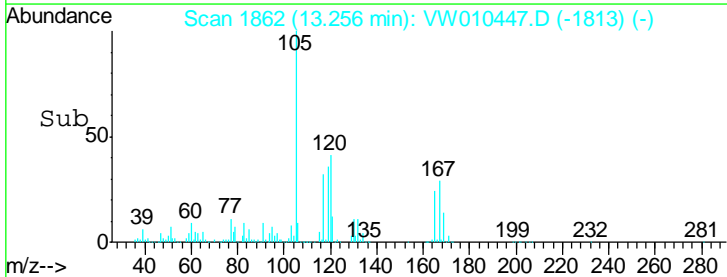
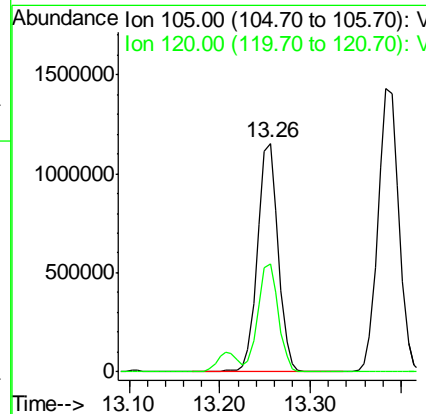
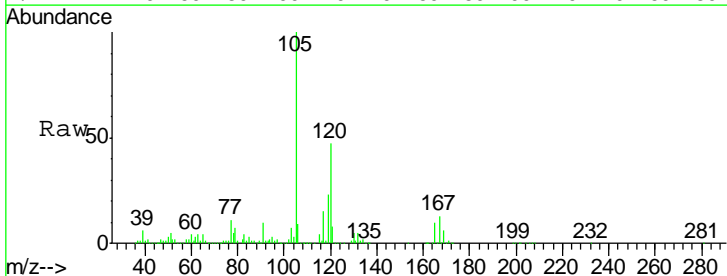
Manual Integrations
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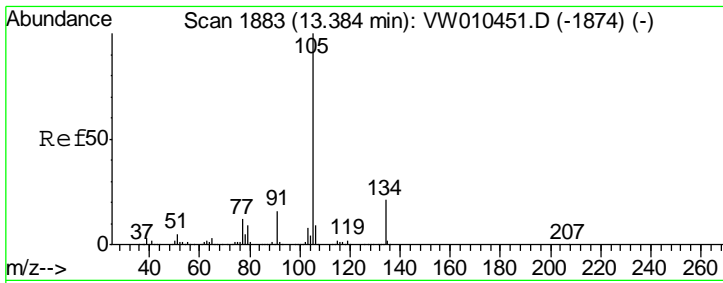
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 5/21/2019 11:28:25 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 45.700 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
105	100		
120	46.9	23.4	70.2





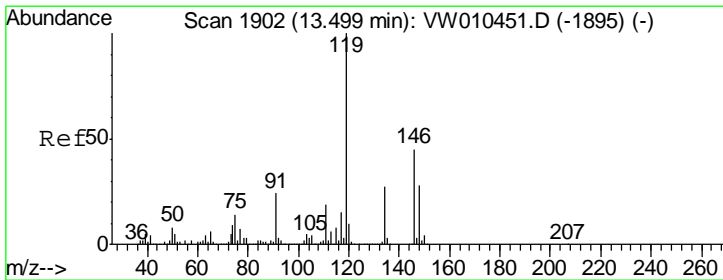
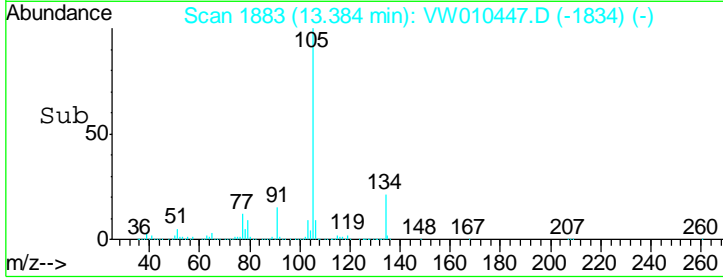
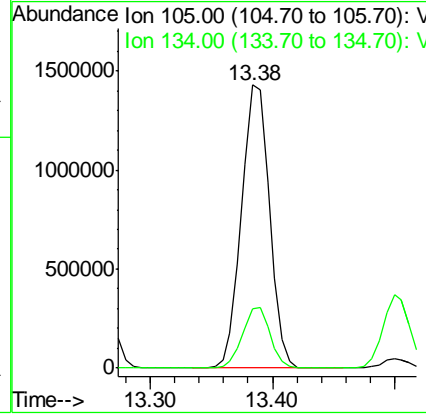
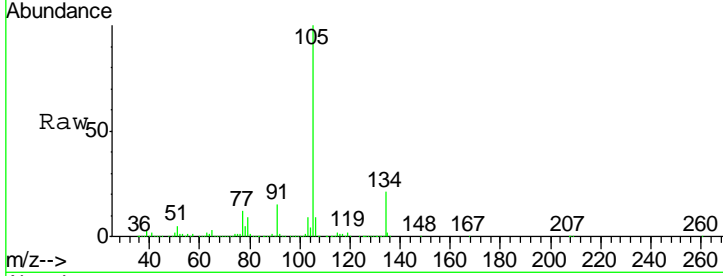
#85
 sec-Butylbenzene
 Concen: 46.515 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
105	100		
134	21.2	10.5	31.6

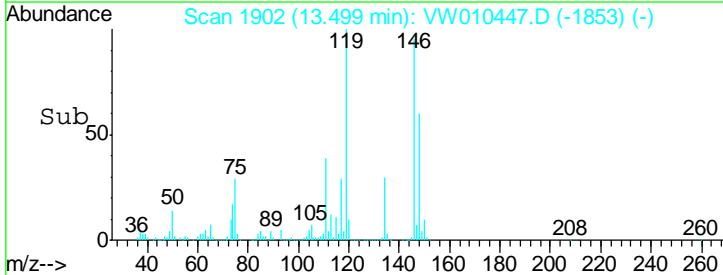
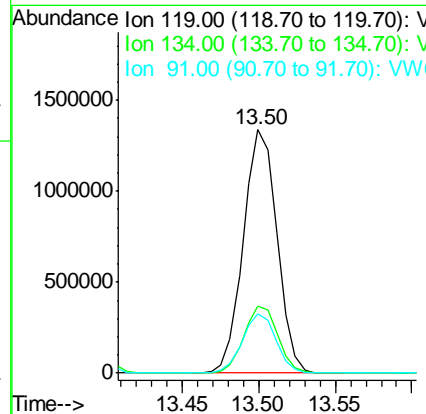
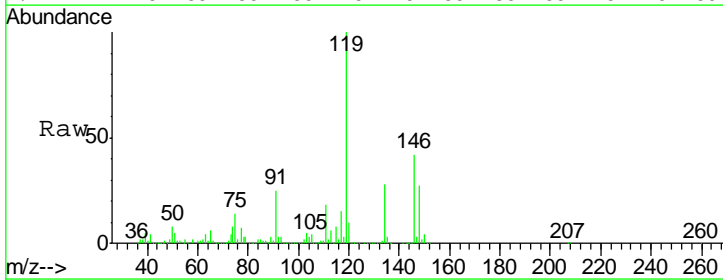
Manual Integrations
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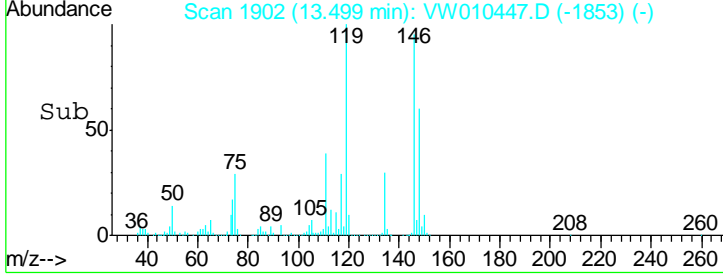
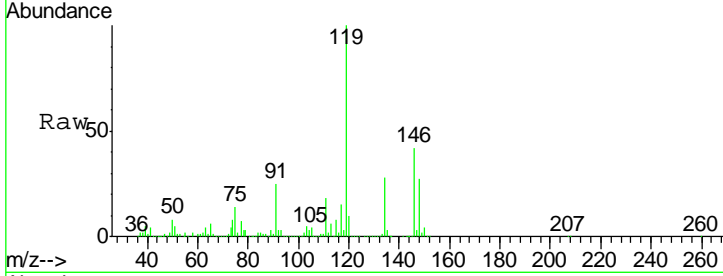
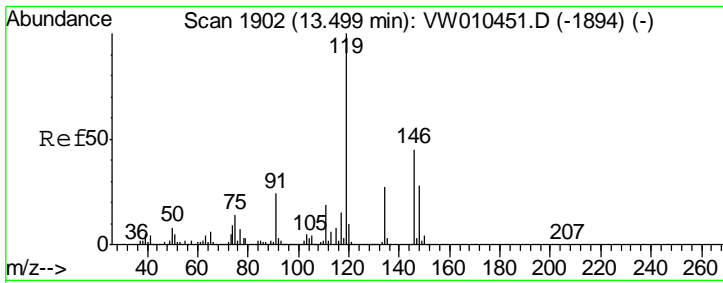
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 5/21/2019 11:28:25 AM



#86
 p-Isopropyltoluene
 Concen: 46.298 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
119	100		
134	27.8	13.6	40.7
91	24.3	11.9	35.7



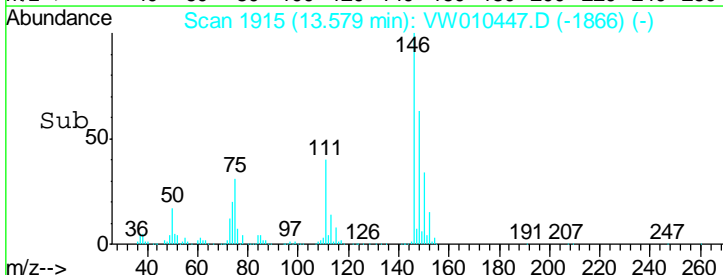
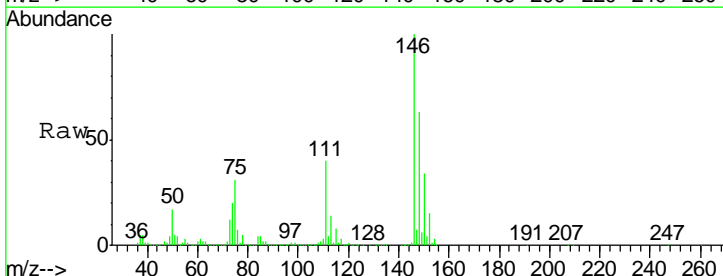
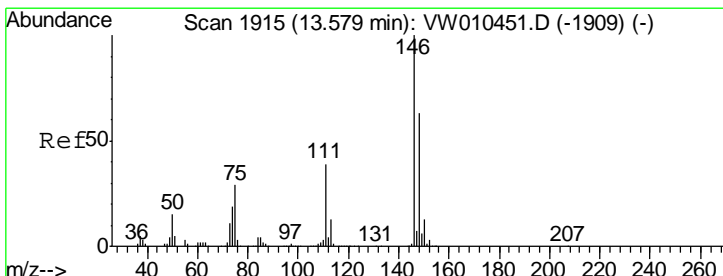
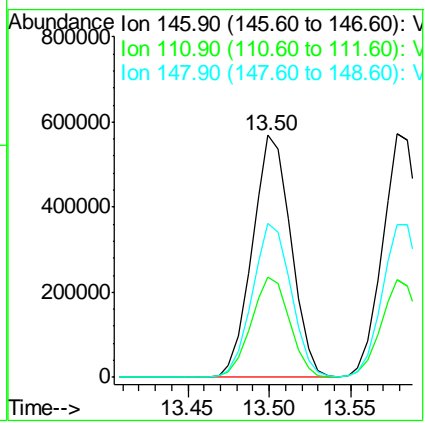


#87
 1,3-Dichlorobenzene
 Concen: 45.276 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
146	934082		
146	100		
111	41.4	20.3	60.9
148	63.6	31.6	94.8

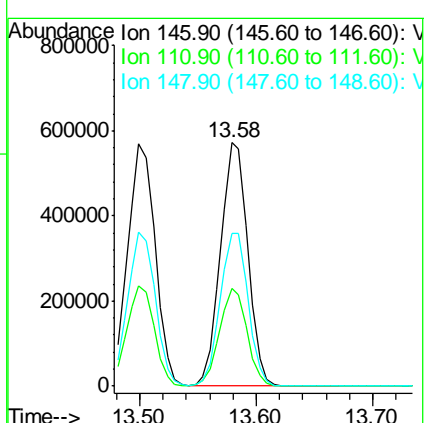
Instrument : MSVOA_W
 Client Sampled : VSTDCCC050

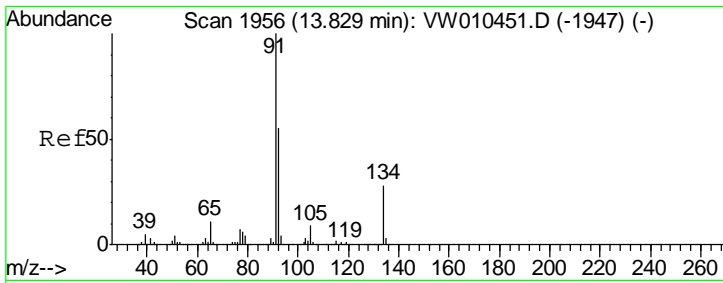
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#88
 1,4-Dichlorobenzene
 Concen: 44.869 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
146	928764		
146	100		
111	40.0	19.9	59.6
148	64.2	31.6	94.8





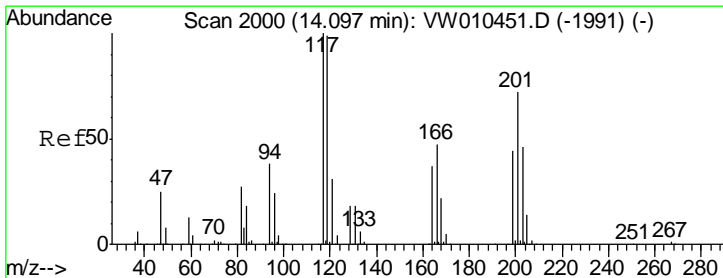
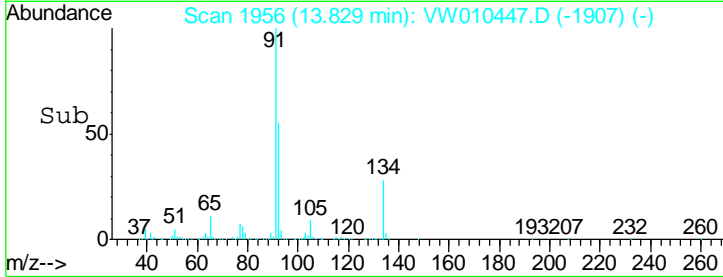
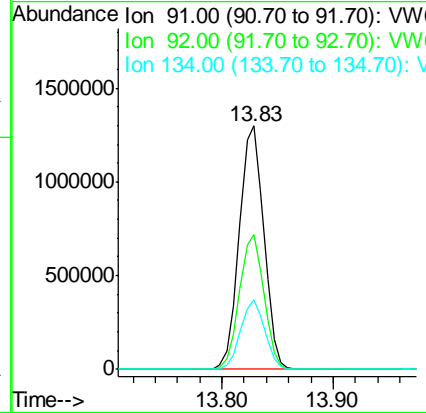
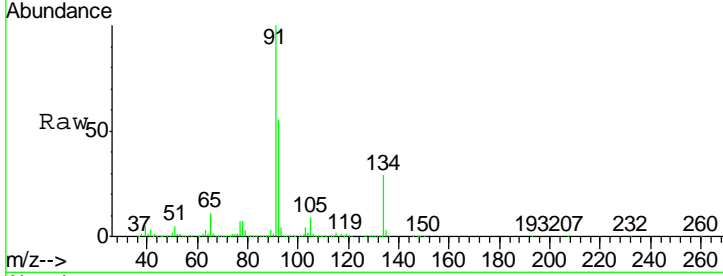
#89
 n-Butylbenzene
 Concen: 47.181 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	100		
92	54.9	27.7	83.1
134	28.1	13.9	41.6

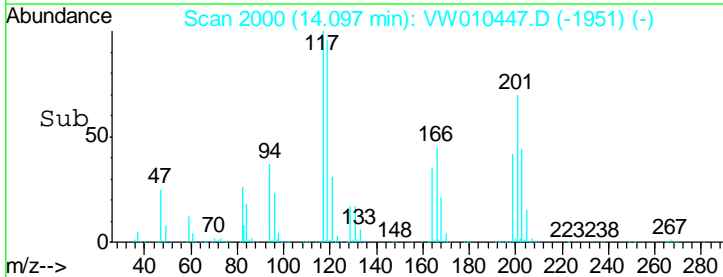
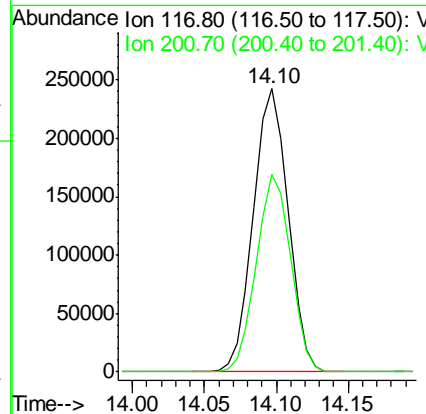
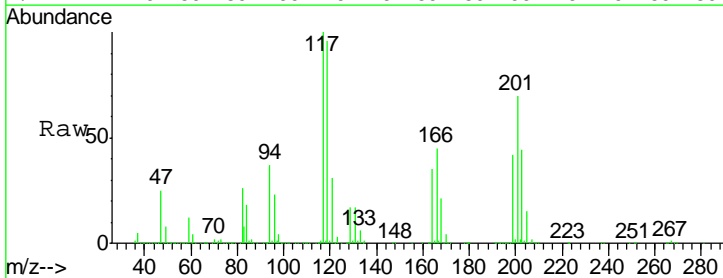
Manual Integrations
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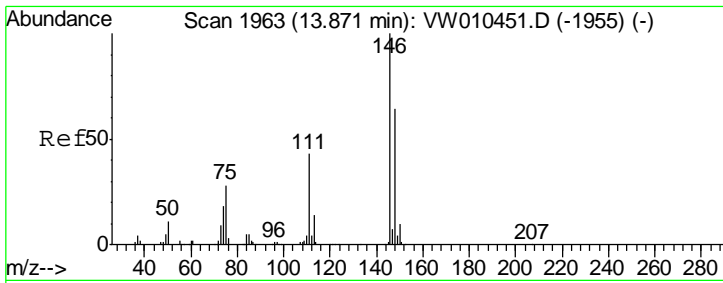
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#90
 Hexachloroethane
 Concen: 47.410 ug/l
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
117	100		
201	69.2	34.6	103.8





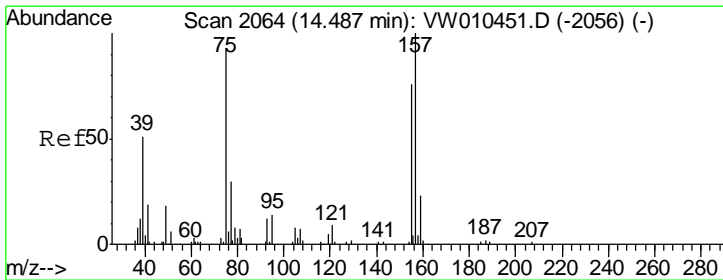
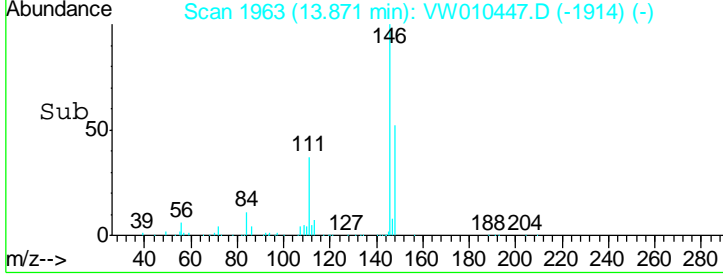
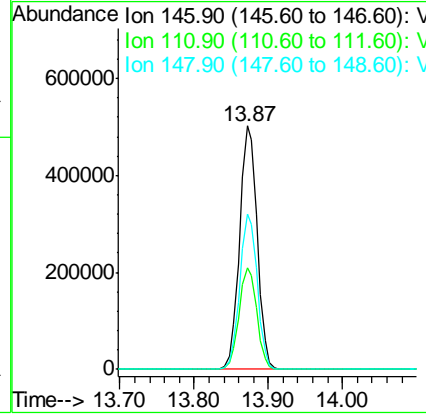
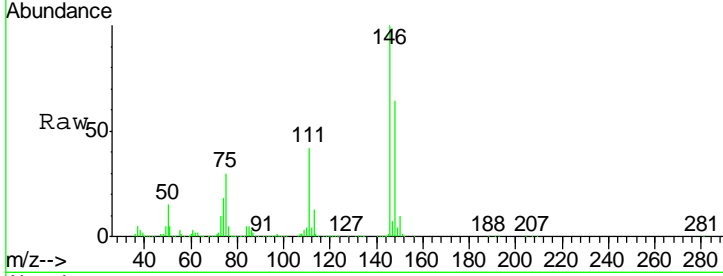
#91
 1,2-Dichlorobenzene
 Concen: 44.170 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument : MSVOA_W
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
146	100		
111	42.2	21.3	64.0
148	63.7	32.0	96.0

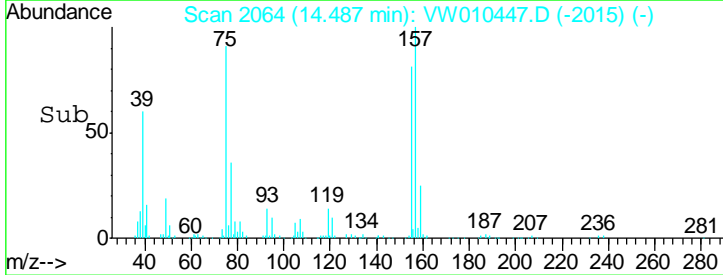
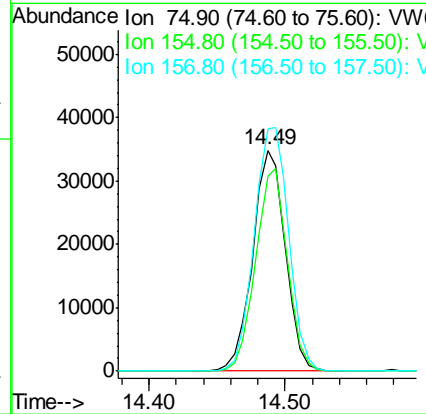
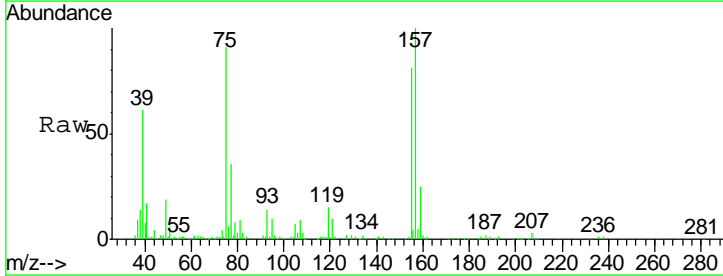
Manual Integrations
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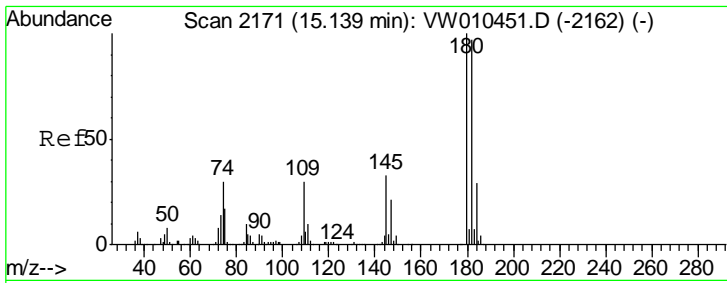
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 36.973 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
75	100		
155	89.0	43.0	129.0
157	116.4	55.7	167.1





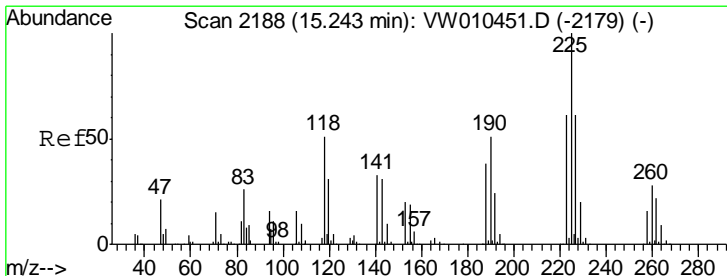
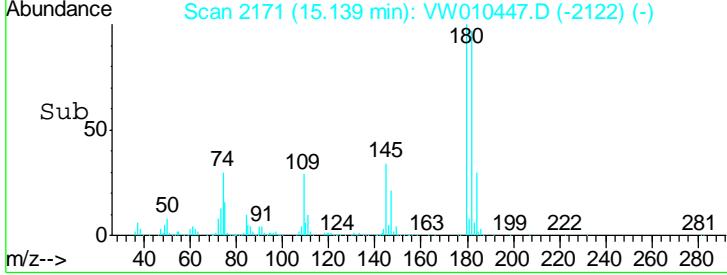
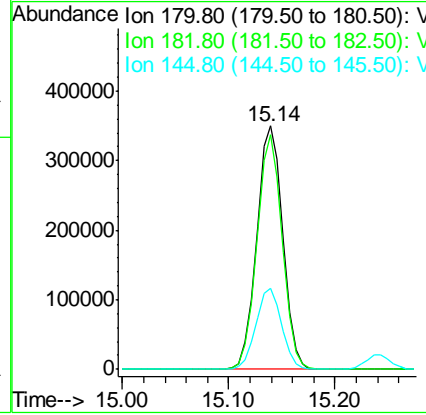
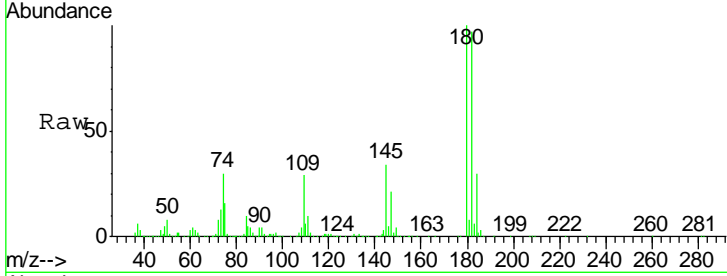
#93
 1,2,4-Trichlorobenzene
 Concen: 46.555 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
180	100		
182	94.1	47.0	141.2
145	33.2	16.7	50.0

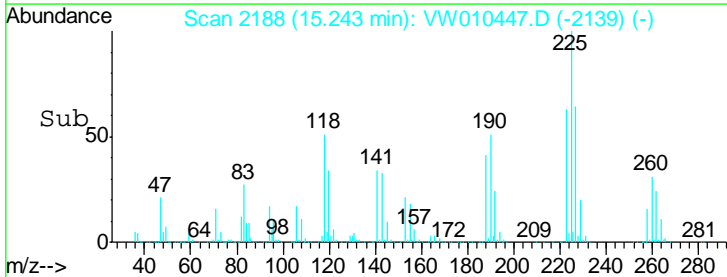
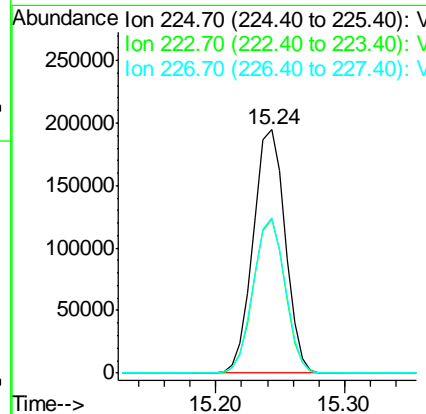
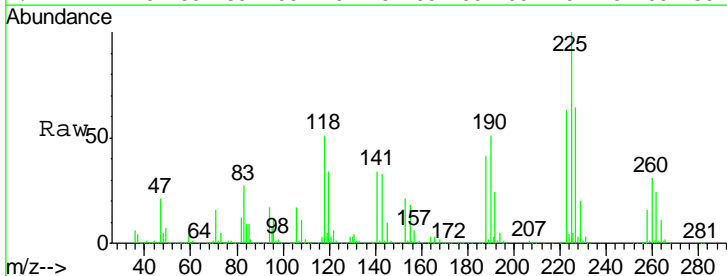
Manual Integrations
APPROVED

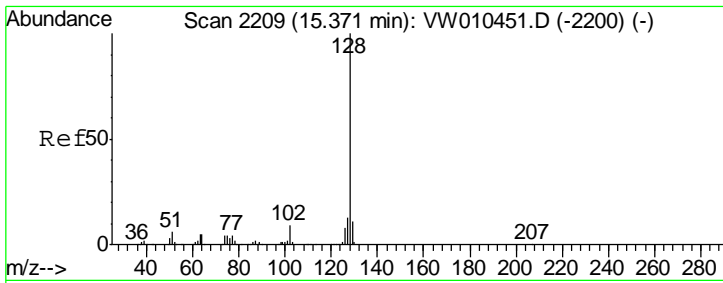
MMDadoda
 5/21/2019 11:28:25 AM



#94
 Hexachlorobutadiene
 Concen: 48.753 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
225	100		
223	62.5	31.1	93.2
227	63.4	31.1	93.5





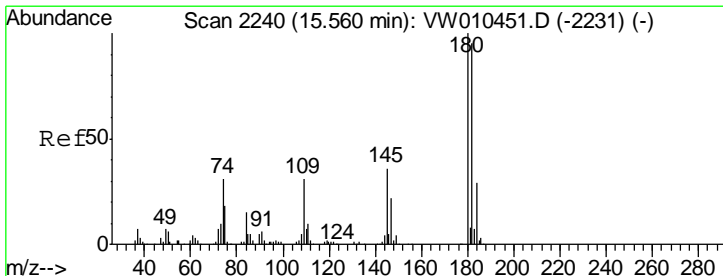
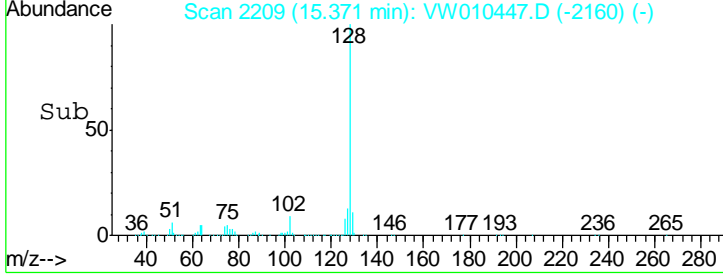
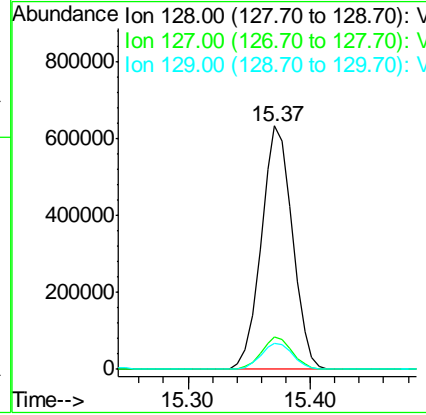
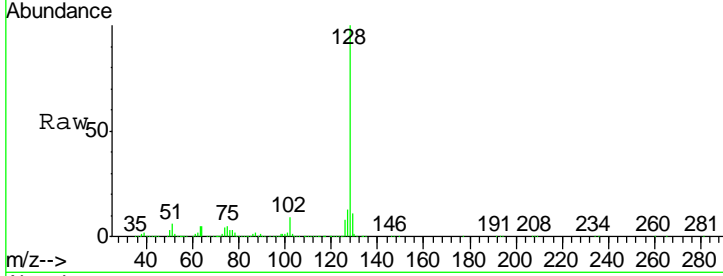
#95
 Naphthalene
 Concen: 41.815 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Instrument :
 MSVOA_W
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
128	1122654		
127	13.1	10.6	15.8
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
 5/21/2019 11:28:25 AM



#96
 1,2,3-Trichlorobenzene
 Concen: 45.074 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW010447.D
 Acq: 20 May 2019 14:06

Tgt Ion	Resp	Lower	Upper
180	496063		
182	95.1	47.1	141.3
145	35.4	17.4	52.3

