

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\  
 Data File : VW010527.D  
 Acq On : 23 May 2019 13:59  
 Operator : SY/VA  
 Sample : VW0523SBSD01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VW0523SBSD01

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 5/24/2019 10:44:20 PM

Quant Time: May 24 08:53:02 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 21 06:38:43 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	150873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	257280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	227811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	74144	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.88	113	77681	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	10.32	98	297584	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	114253	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20884	15.344	ug/l	98
3) Chloromethane	2.21	50	25132	15.854	ug/l	96
4) Vinyl Chloride	2.35	62	27467	14.959	ug/l	100
5) Bromomethane	2.75	94	20831	16.491	ug/l	96
6) Chloroethane	2.91	64	19059	16.170	ug/l	96
7) Trichlorofluoromethane	3.25	101	51738	19.086	ug/l	96
8) Diethyl Ether	3.68	74	15897	18.500	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	32204	19.290	ug/l	99
10) Methyl Iodide	4.28	142	30354	15.907	ug/l	98
11) Tert butyl alcohol	5.18	59	16855	120.329	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	29987	18.817	ug/l	99
13) Acrolein	3.89	56	9256	100.018	ug/l	95
14) Allyl chloride	4.67	41	42101	18.251	ug/l	100
15) Acrylonitrile	5.37	53	30756	85.462	ug/l	99
16) Acetone	4.13	43	31805	100.056	ug/l	94
17) Carbon Disulfide	4.37	76	81065	17.054	ug/l	100
18) Methyl Acetate	4.67	43	15087	19.406	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	76440	18.815	ug/l	98
20) Methylene Chloride	4.92	84	31983	13.440	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	34937	19.113	ug/l	98
22) Diisopropyl ether	6.31	45	87703	18.542	ug/l	95
23) Vinyl Acetate	6.26	43	255077	90.280	ug/l	98
24) 1,1-Dichloroethane	6.21	63	54279	19.230	ug/l	98
25) 2-Butanone	7.17	43	44361	97.517	ug/l	100
26) 2,2-Dichloropropane	7.17	77	56286	20.934	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	39255	19.753	ug/l	99
28) Bromochloromethane	7.51	49	20320	20.107	ug/l	97
29) Tetrahydrofuran	7.53	42	26457	85.949	ug/l	98
30) Chloroform	7.67	83	58737	19.292	ug/l	96
31) Cyclohexane	7.95	56	53629	18.138	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	56718	19.491	ug/l	97
36) 1,1-Dichloropropene	8.09	75	47202	19.695	ug/l	99
37) Ethyl Acetate	7.26	43	19104	18.744	ug/l	98
38) Carbon Tetrachloride	8.06	117	51944	20.091	ug/l	93

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W052019S.M  
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62278	19.395	ug/l	98
40) Benzene	8.32	78	130726	19.624	ug/l	99
41) Methacrylonitrile	7.49	41	11663	19.259	ug/l	90
42) 1,2-Dichloroethane	8.40	62	37205	19.541	ug/l	100
43) Isopropyl Acetate	8.43	43	37131	18.236	ug/l	98
44) Trichloroethene	9.09	130	39255	19.849	ug/l	97
45) 1,2-Dichloropropane	9.37	63	30944	19.559	ug/l	100
46) Dibromomethane	9.46	93	18159	19.626	ug/l	100
47) Bromodichloromethane	9.64	83	44706	19.228	ug/l	99
48) Methyl methacrylate	9.44	41	15782	16.943	ug/l	94
49) 1,4-Dioxane	9.45	88	4716	312.022	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	94177	91.279	ug/l	99
52) Toluene	10.39	92	89349	19.972	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	44233	18.784	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	51519	19.157	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	25973	19.521	ug/l	97
56) Ethyl methacrylate	10.65	69	32673	17.806	ug/l	97
57) 1,3-Dichloropropane	10.93	76	43247	19.405	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	76420	94.024	ug/l	97
59) 2-Hexanone	10.97	43	64294	87.357	ug/l	100
60) Dibromochloromethane	11.13	129	32475	19.286	ug/l	100
61) 1,2-Dibromoethane	11.23	107	25740	19.098	ug/l	98
64) Tetrachloroethene	10.86	164	31962	20.126	ug/l	98
65) Chlorobenzene	11.66	112	97022	19.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	34709	19.956	ug/l	98
67) Ethyl Benzene	11.73	91	168419	19.648	ug/l	98
68) m/p-Xylenes	11.84	106	131535	39.121	ug/l	98
69) o-Xylene	12.16	106	63215	19.844	ug/l	99
70) Styrene	12.18	104	106936	19.785	ug/l	100
71) Bromoform	12.35	173	17321	18.085	ug/l #	99
73) Isopropylbenzene	12.46	105	173055	19.993	ug/l	99
74) N-amyl acetate	12.27	43	33926	17.104	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	29137	18.507	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	20062m	18.119	ug/l	
77) Bromobenzene	12.75	156	39371	20.326	ug/l	99
78) n-propylbenzene	12.80	91	195780	19.409	ug/l	100
79) 2-Chlorotoluene	12.90	91	114812	19.627	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	143013	19.508	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	9008	16.980	ug/l	96
82) 4-Chlorotoluene	12.99	91	119132	19.620	ug/l	99
83) tert-Butylbenzene	13.21	119	126374	19.735	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	142808	19.559	ug/l	100
85) sec-Butylbenzene	13.38	105	174394	19.461	ug/l	99
86) p-Isopropyltoluene	13.50	119	157124	19.371	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	76487	20.127	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	74766	19.609	ug/l	97
89) n-Butylbenzene	13.83	91	146397	18.975	ug/l	100
90) Hexachloroethane	14.10	117	30387	19.355	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	68488	19.779	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4996	17.066	ug/l	98

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 ClientSampleId :  
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	44138	18.735	ug/l	99
94) Hexachlorobutadiene	15.24	225	24276	19.288	ug/l	97
95) Naphthalene	15.37	128	86057	17.401	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	37724	18.609	ug/l	97

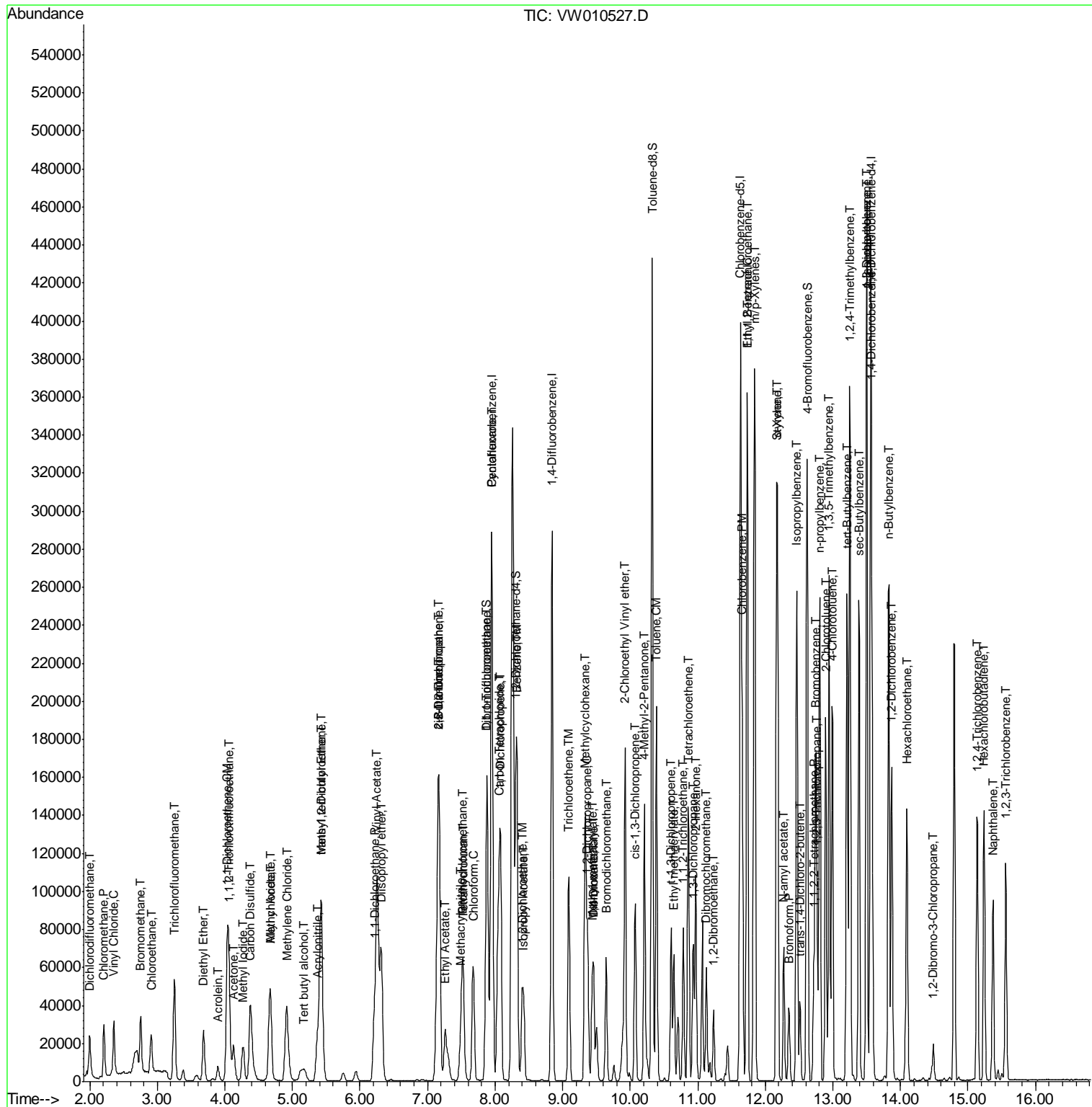
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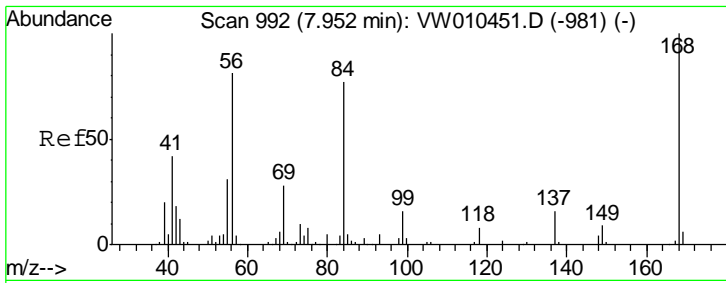
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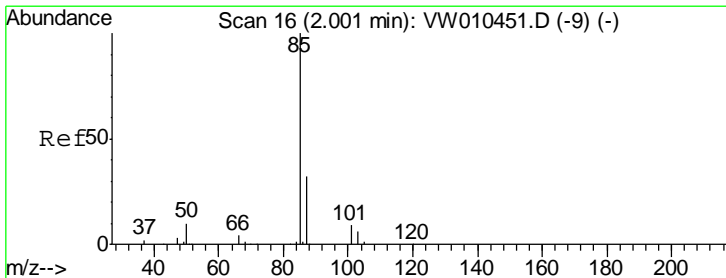
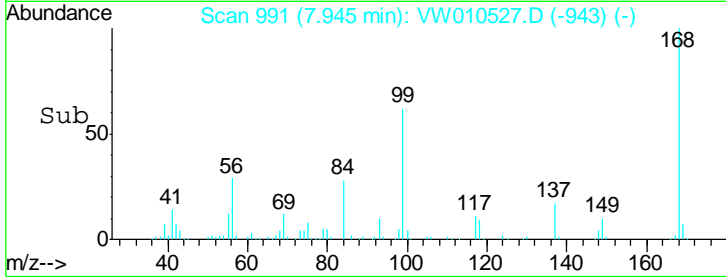
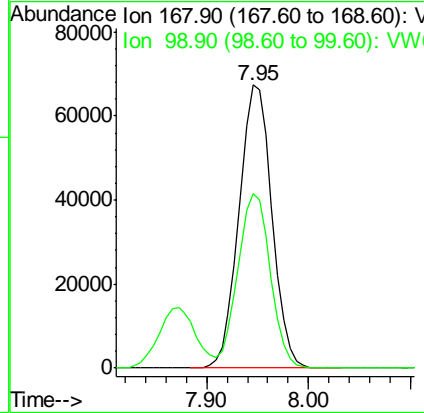
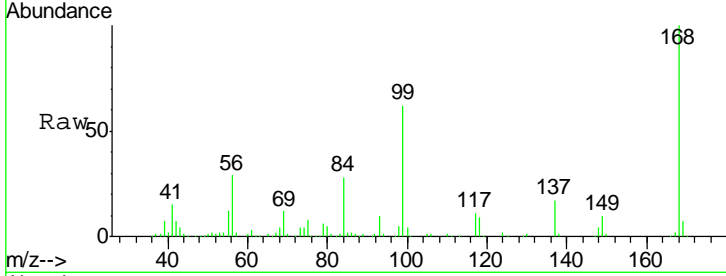
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
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Instrument :  
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 ClientSampled :  
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Tgt Ion	Resp	Lower	Upper
168	100		
99	61.5	46.1	69.1

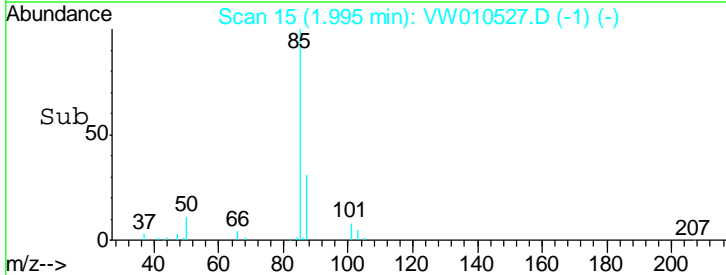
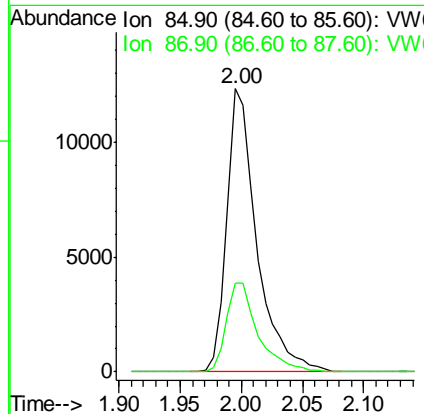
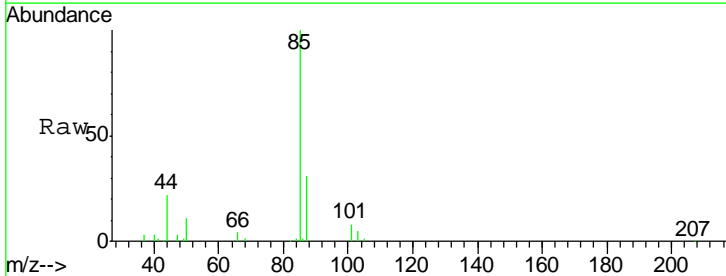
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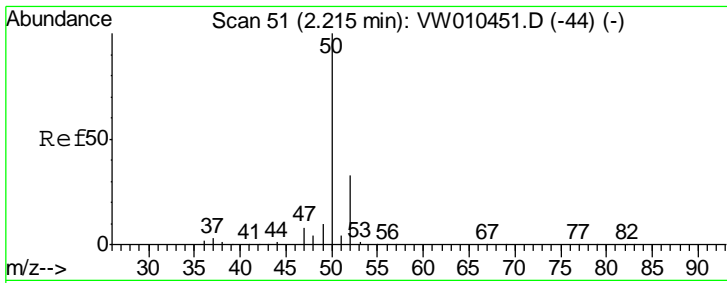
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#2  
 Dichlorodifluoromethane  
 Concen: 15.344 ug/l  
 RT: 2.00 min Scan# 15  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
85	100		
87	31.5	16.3	48.8



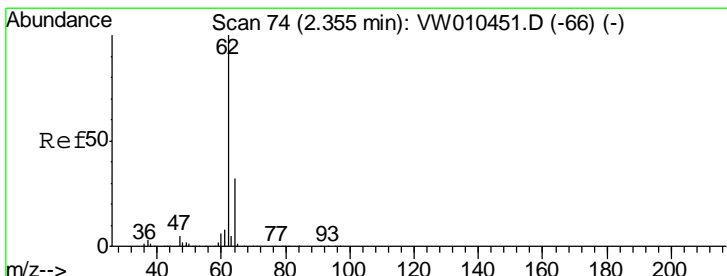
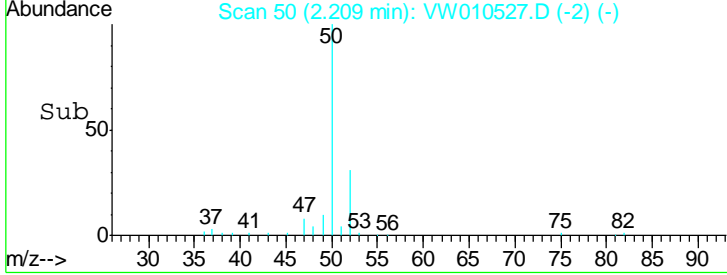
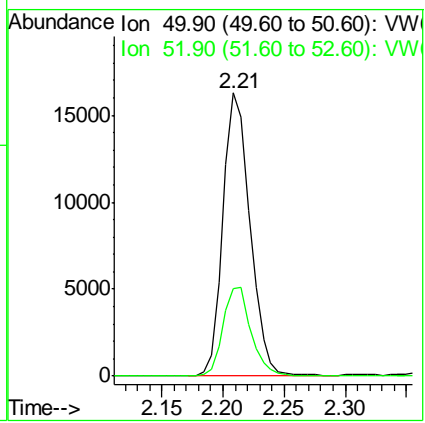
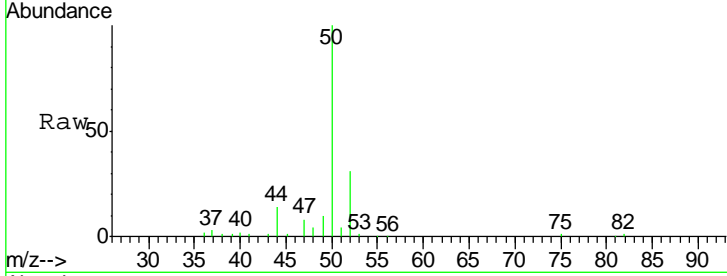


#3  
 Chloromethane  
 Concen: 15.854 ug/l  
 RT: 2.21 min Scan# 50  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
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 VW0523SBSD01

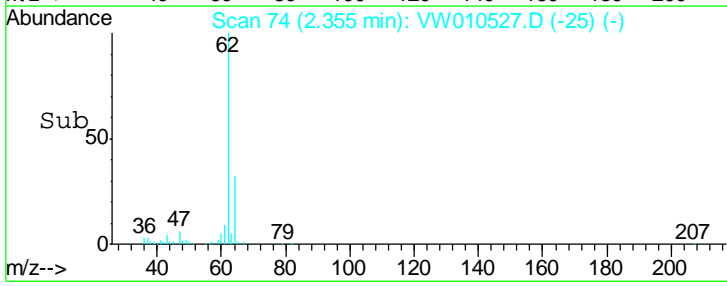
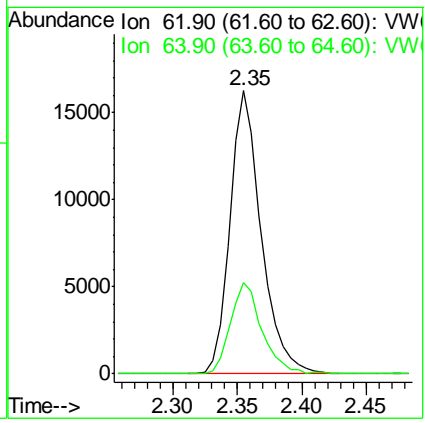
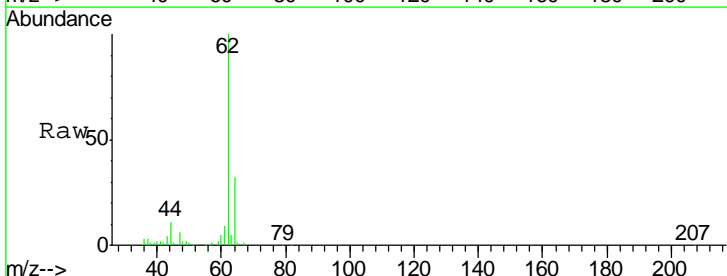
Tgt Ion	Resp	Lower	Upper
50	100		
52	30.8	26.3	39.5

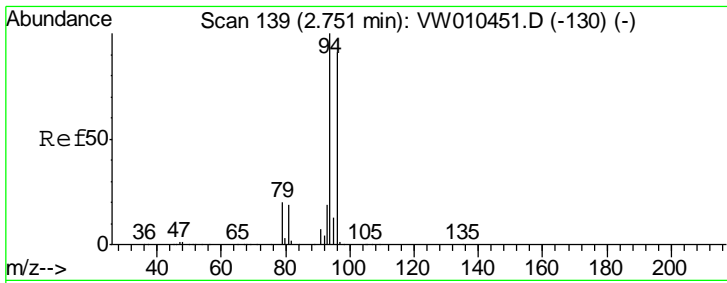
**Manual Integrations**  
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#4  
 Vinyl Chloride  
 Concen: 14.959 ug/l  
 RT: 2.35 min Scan# 74  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
62	100		
64	32.2	25.8	38.8



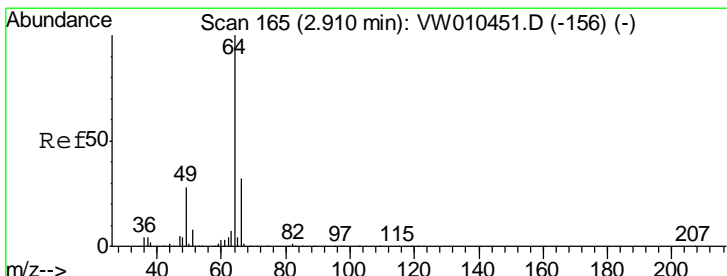
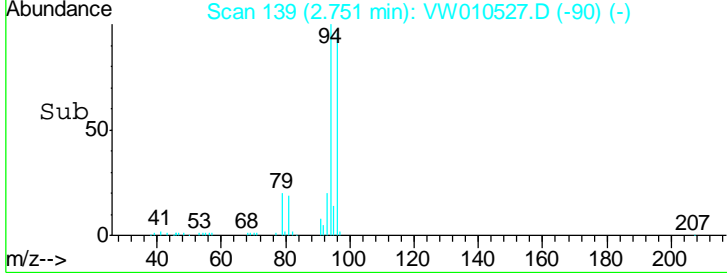
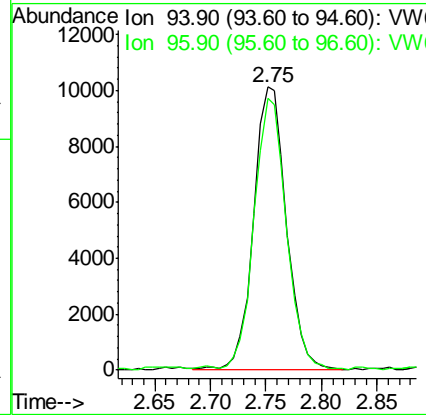
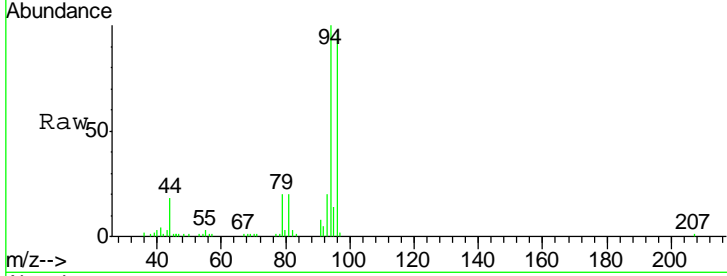


#5  
 Bromomethane  
 Concen: 16.491 ug/l  
 RT: 2.75 min Scan# 139  
 Delta R.T. -0.00 min  
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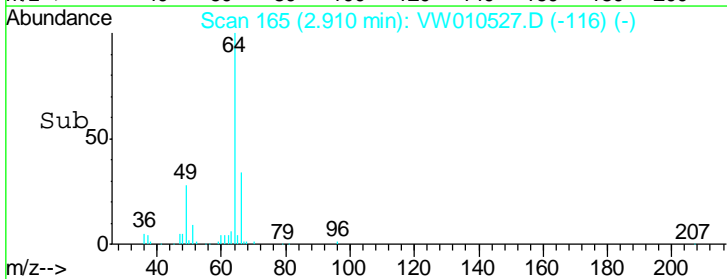
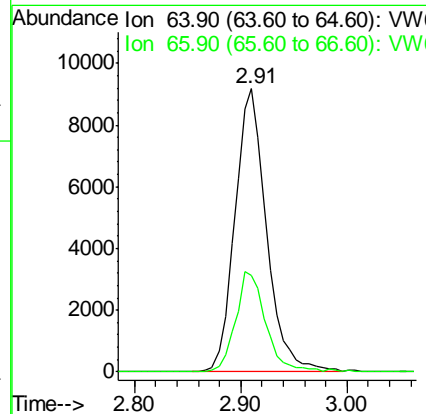
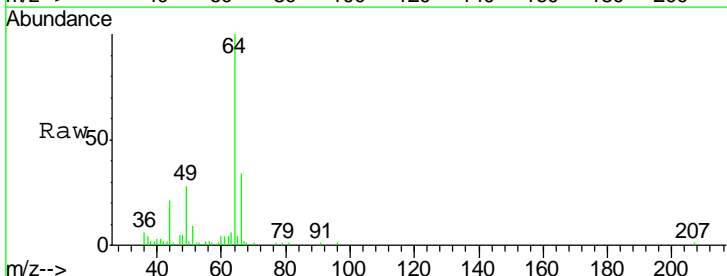
Tgt Ion	Resp	Lower	Upper
94	100		
96	95.3	72.9	109.3

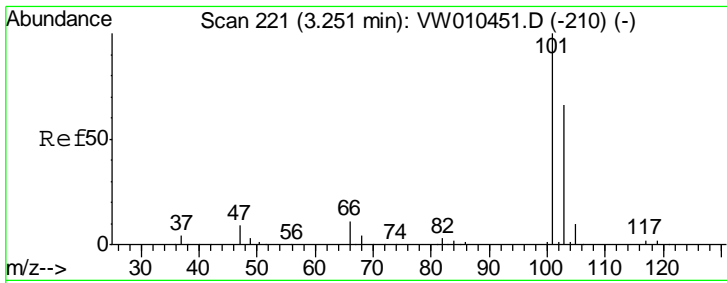
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#6  
 Chloroethane  
 Concen: 16.170 ug/l  
 RT: 2.91 min Scan# 165  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
64	100		
66	34.2	25.5	38.3





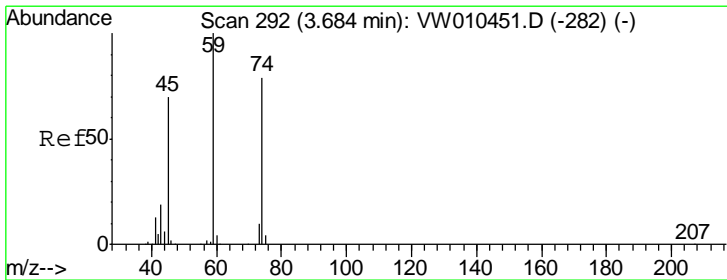
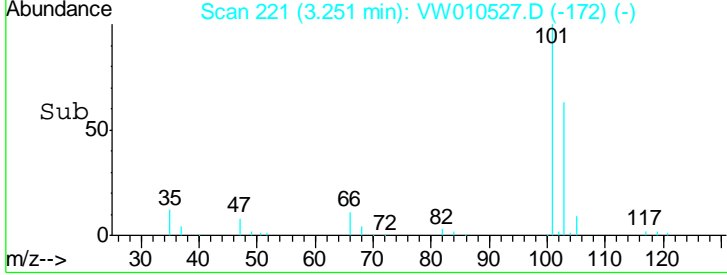
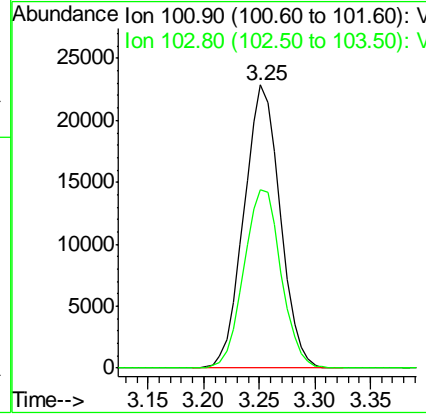
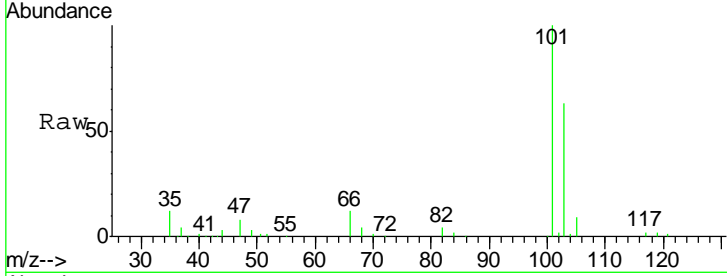
#7  
 Trichlorofluoromethane  
 Concen: 19.086 ug/l  
 RT: 3.25 min Scan# 221  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
101	51738		
103	62.9	53.0	79.4

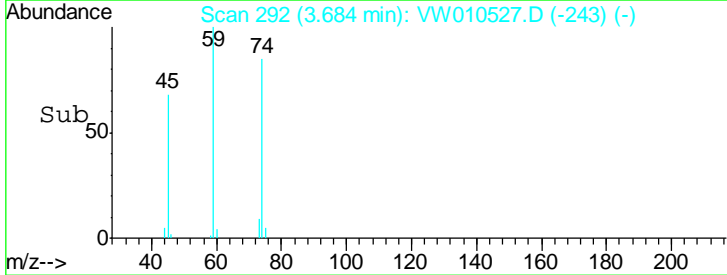
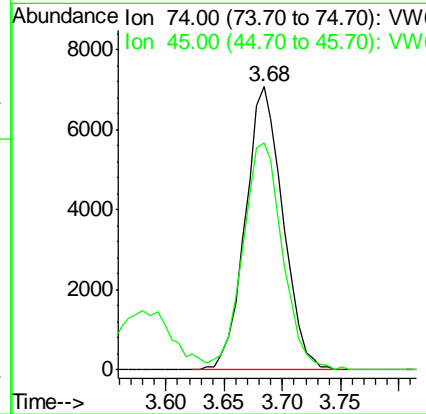
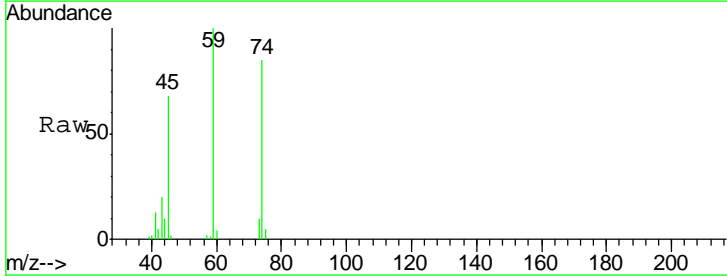
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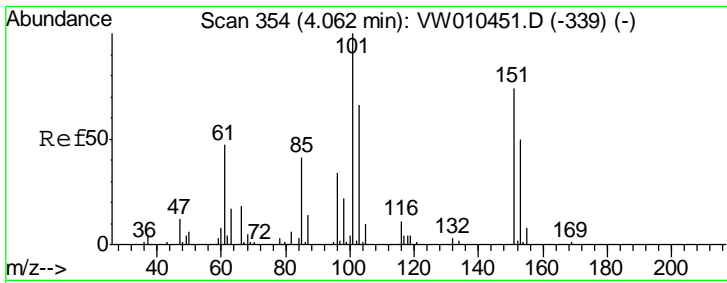


#8  
 Diethyl Ether  
 Concen: 18.500 ug/l  
 RT: 3.68 min Scan# 292  
 Delta R.T. -0.00 min  
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Tgt Ion	Resp	Lower	Upper
74	15897		
45	84.7	42.9	128.5







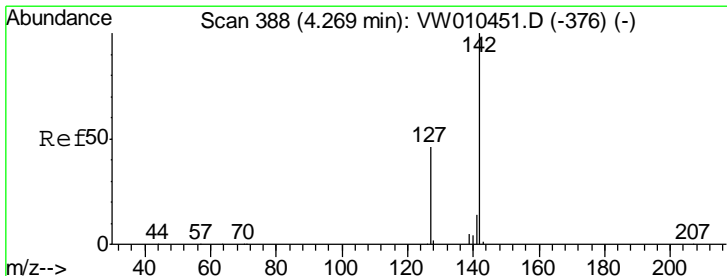
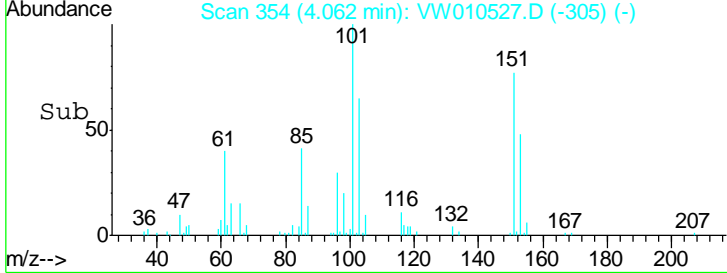
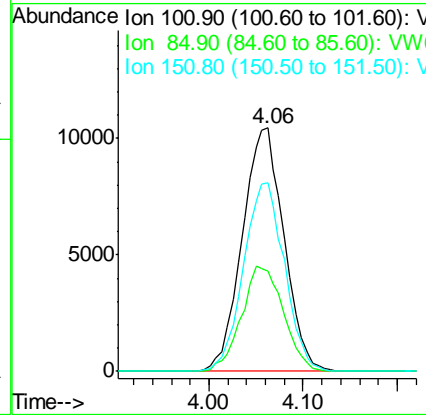
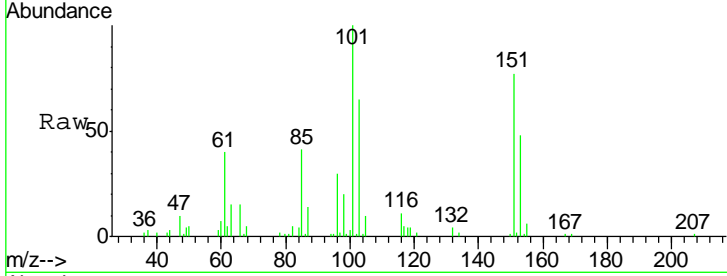
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.290 ug/l  
 RT: 4.06 min Scan# 354  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
101	32204		
101	100		
85	43.4	34.3	51.5
151	76.3	60.3	90.5

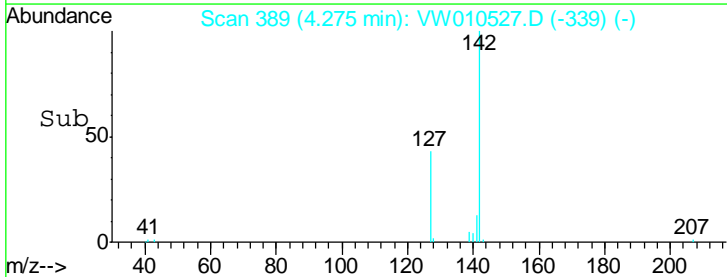
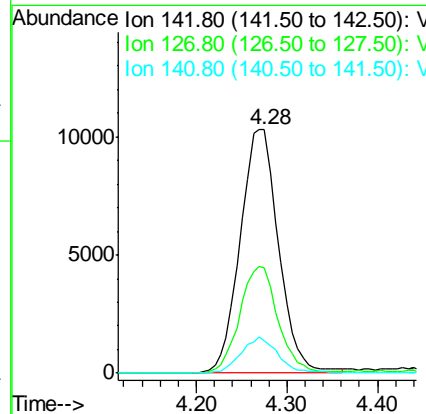
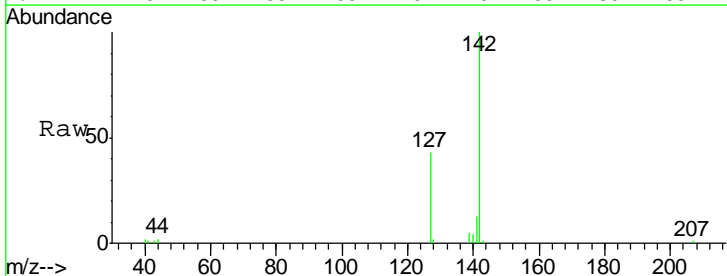
Manual Integrations  
 APPROVED

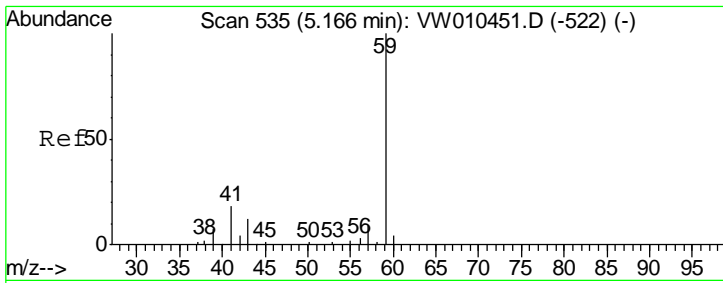
MMDadoda  
 5/24/2019 10:44:20 PM



#10  
 Methyl Iodide  
 Concen: 15.907 ug/l  
 RT: 4.28 min Scan# 389  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
142	30354		
142	100		
127	43.3	36.1	54.1
141	13.9	11.3	16.9





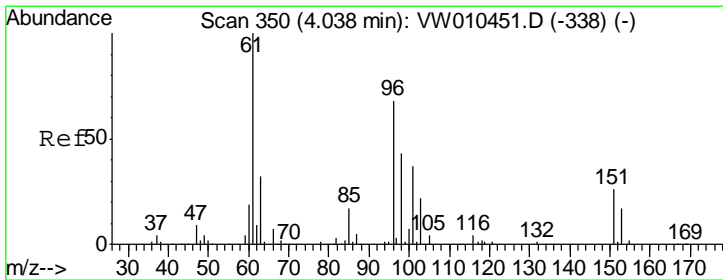
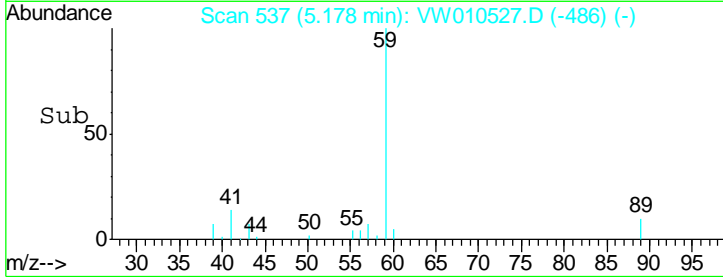
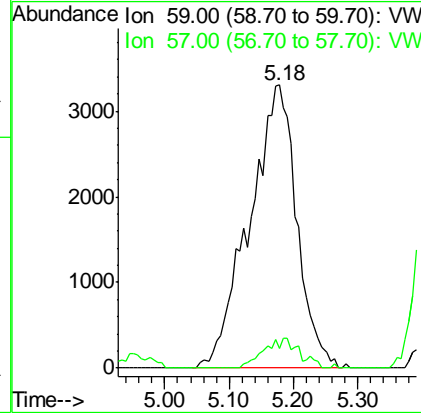
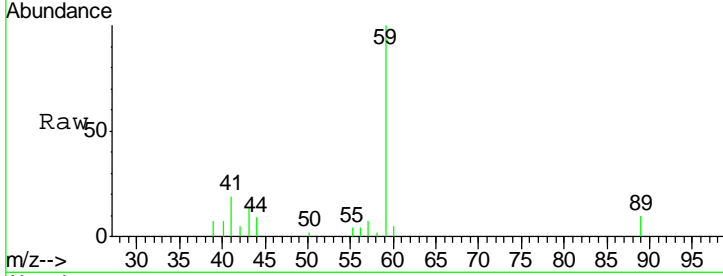
#11  
 Tert butyl alcohol  
 Concen: 120.329 ug/l  
 RT: 5.18 min Scan# 537  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
59	16855	100	
57	7.2	8.8	13.2#

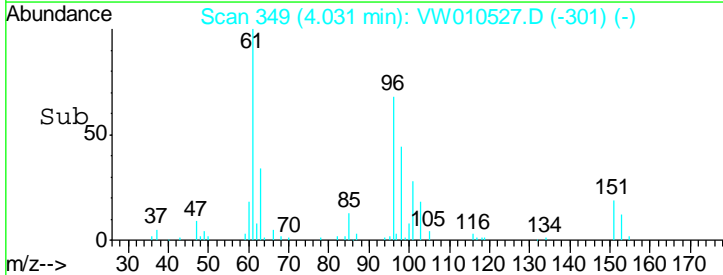
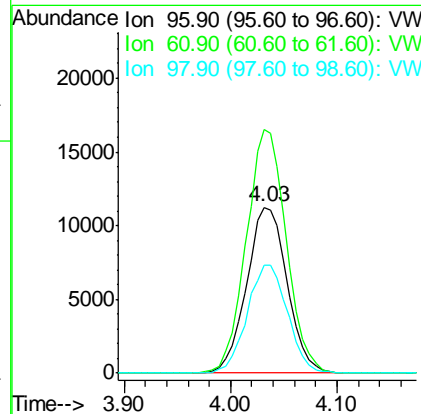
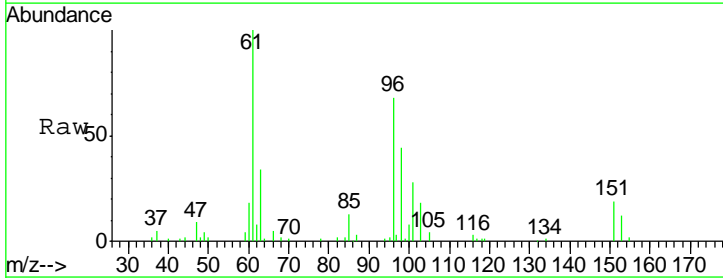
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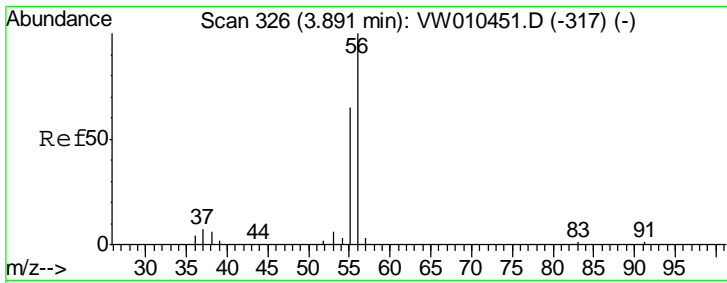
MMDadoda  
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#12  
 1,1-Dichloroethene  
 Concen: 18.817 ug/l  
 RT: 4.03 min Scan# 349  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
96	29987	100	
61	146.6	118.3	177.5
98	64.8	51.0	76.6





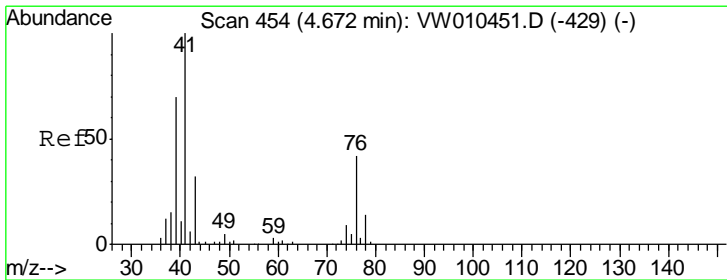
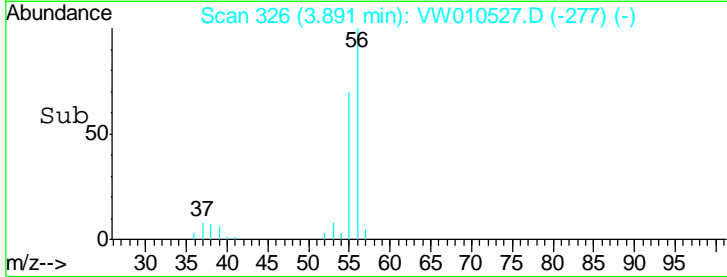
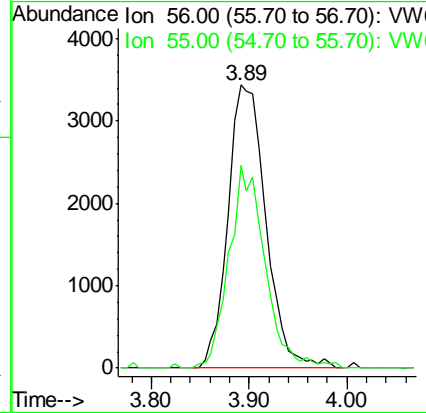
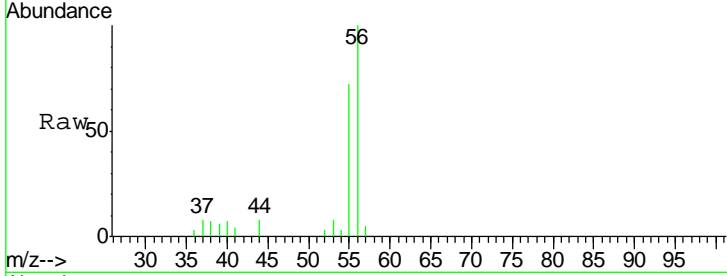
#13  
 Acrolein  
 Concen: 100.018 ug/l  
 RT: 3.89 min Scan# 326  
 Delta R.T. 0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
56	100		
55	68.1	57.9	86.9

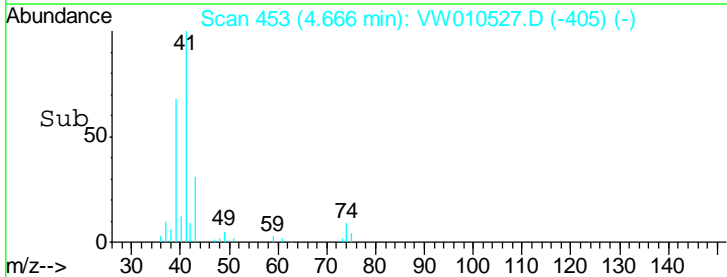
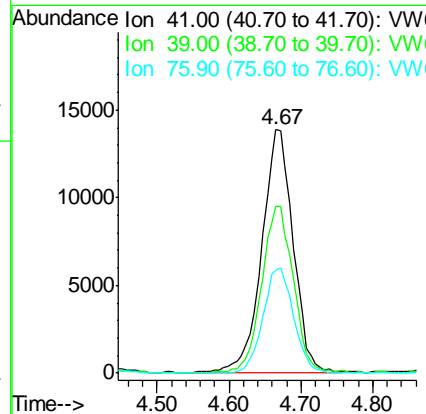
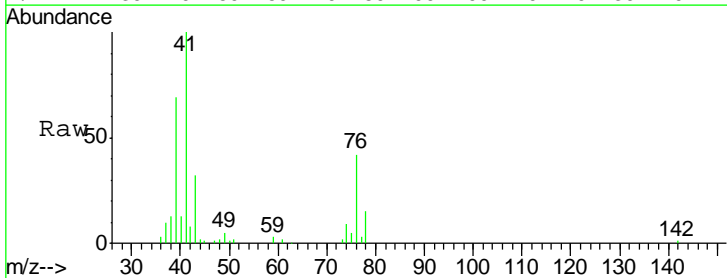
Manual Integrations  
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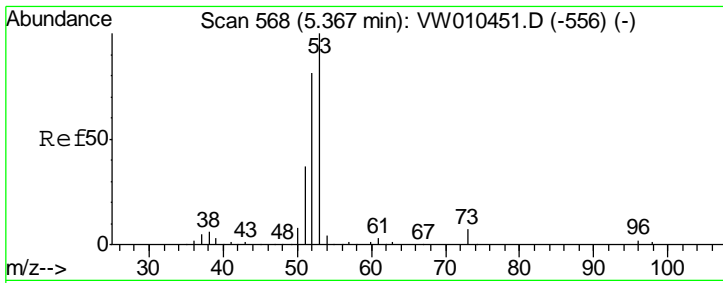
MMDadoda  
 5/24/2019 10:44:20 PM



#14  
 Allyl chloride  
 Concen: 18.251 ug/l  
 RT: 4.67 min Scan# 453  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
41	100		
39	68.8	55.0	82.4
76	41.7	32.8	49.2





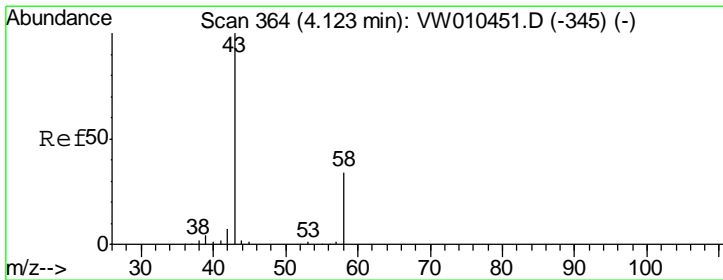
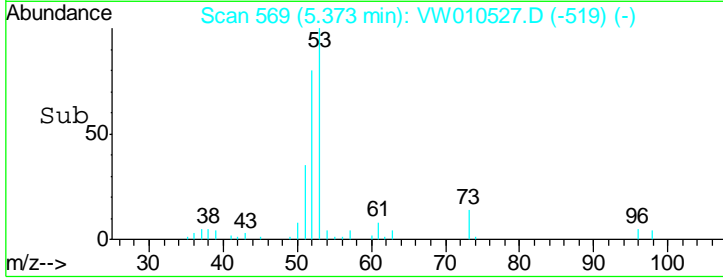
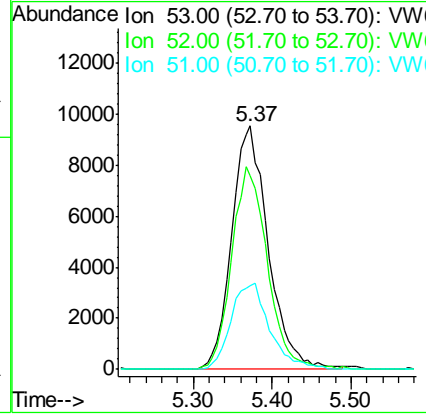
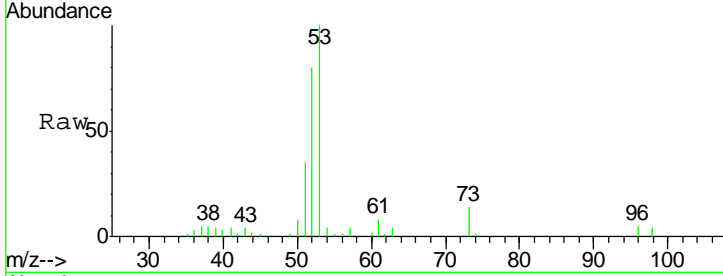
#15  
 Acrylonitrile  
 Concen: 85.462 ug/l  
 RT: 5.37 min Scan# 569  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
53	100		
52	80.9	65.6	98.4
51	37.3	29.5	44.3

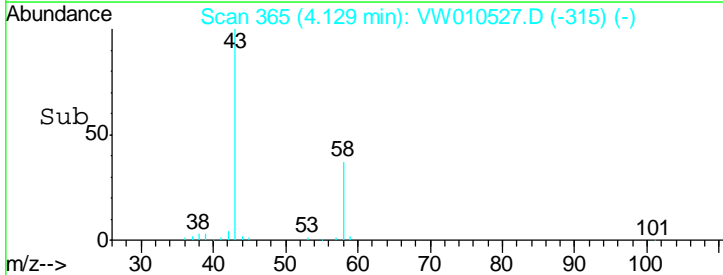
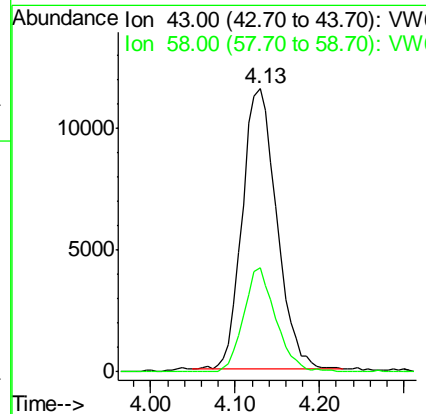
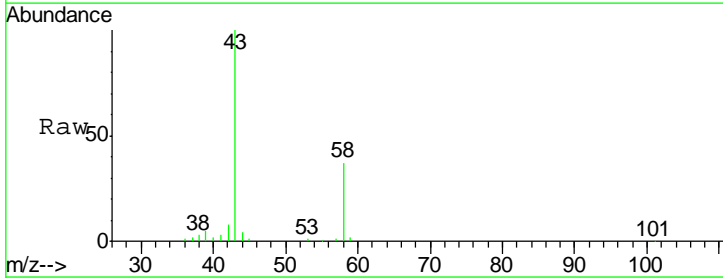
**Manual Integrations**  
**APPROVED**

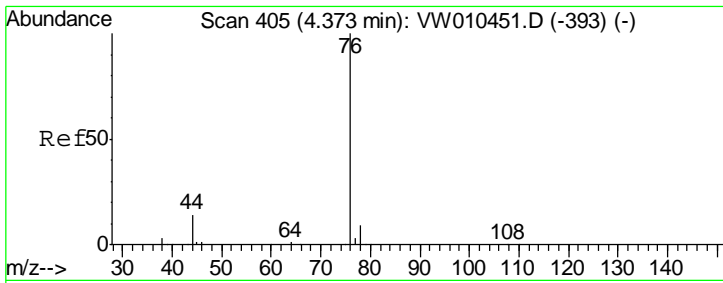
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#16  
 Acetone  
 Concen: 100.056 ug/l  
 RT: 4.13 min Scan# 365  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
43	100		
58	37.3	27.0	40.4





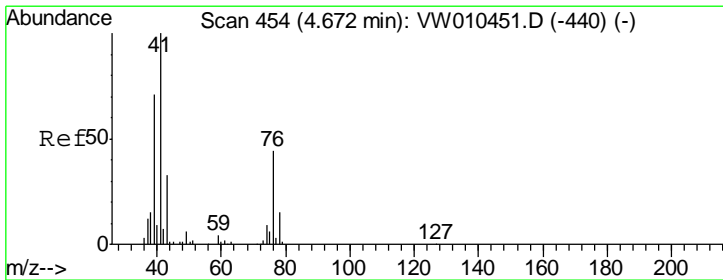
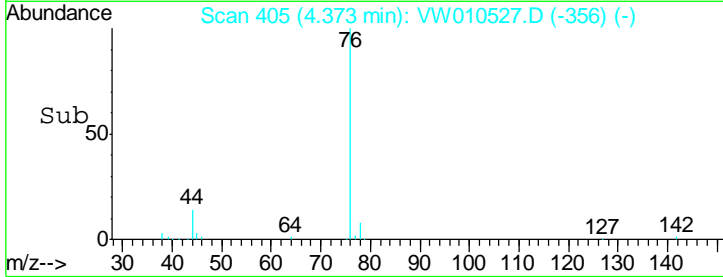
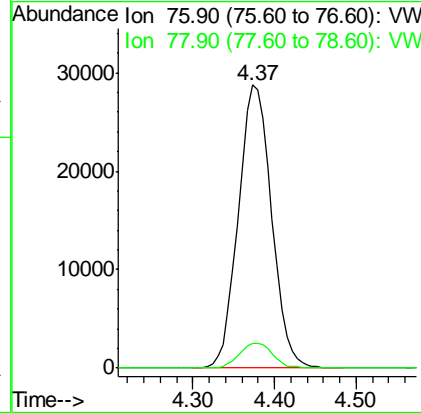
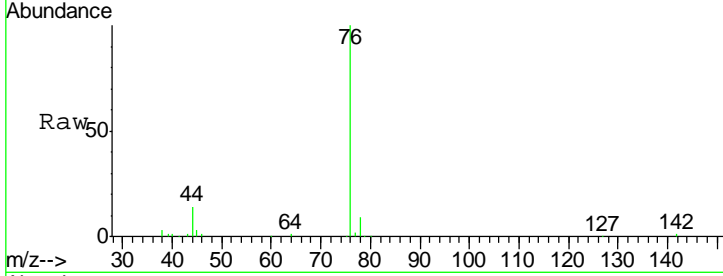
#17  
 Carbon Disulfide  
 Concen: 17.054 ug/l  
 RT: 4.37 min Scan# 405  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
76	100		
78	8.8	7.1	10.7

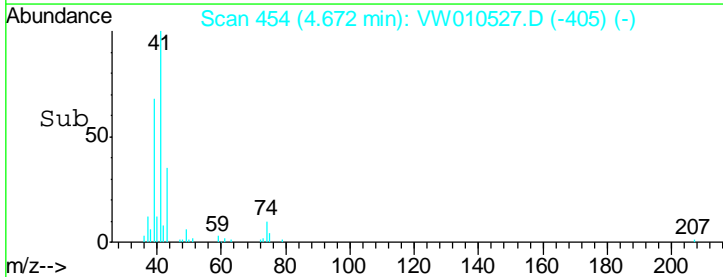
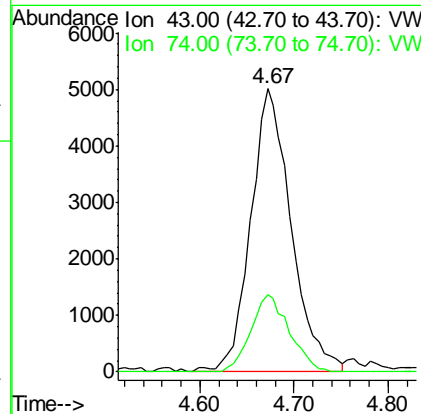
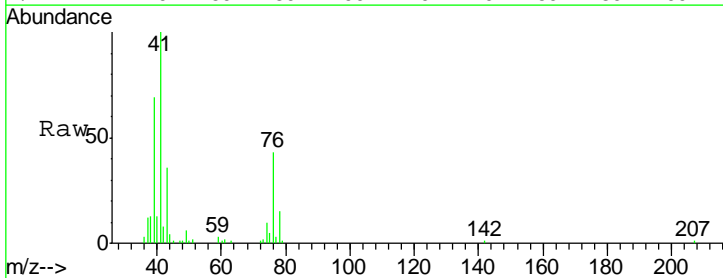
**Manual Integrations**  
**APPROVED**

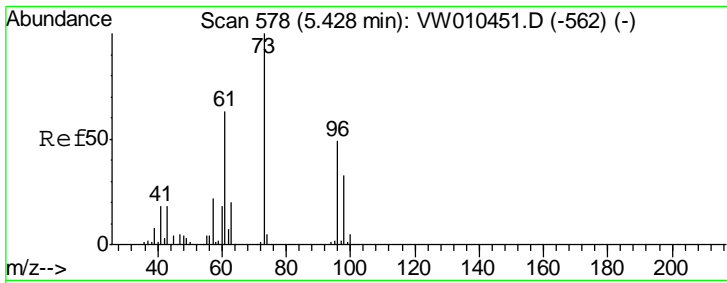
MMDadoda  
 5/24/2019 10:44:20 PM



#18  
 Methyl Acetate  
 Concen: 19.406 ug/l  
 RT: 4.67 min Scan# 454  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
43	100		
74	25.9	21.6	32.4





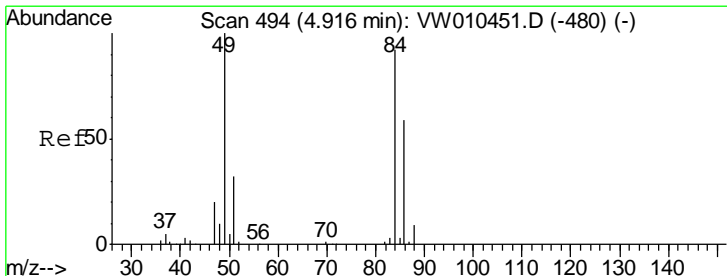
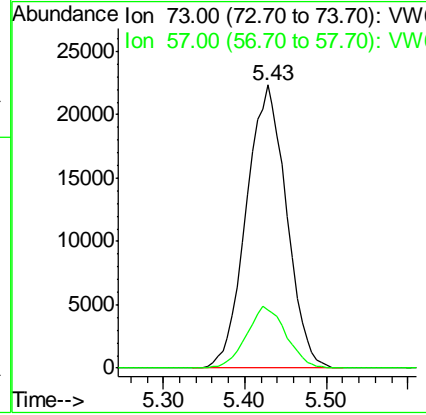
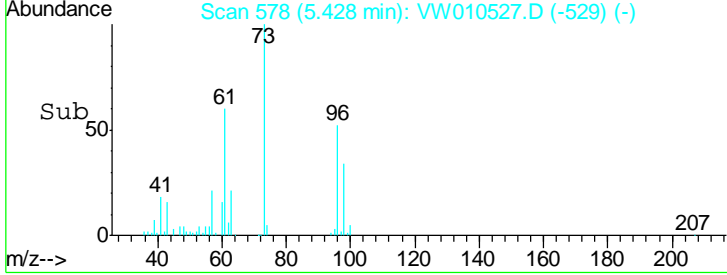
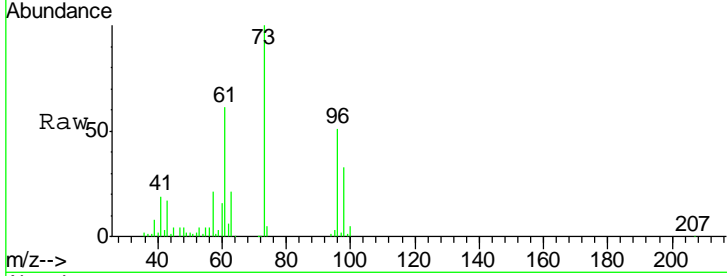
#19  
Methyl tert-butyl Ether  
Concen: 18.815 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.00 min  
Lab File: VW010527.D  
Acq: 23 May 2019 13:59

**Instrument :**  
MSVOA\_W  
**ClientSampled :**  
VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
73	100		
57	20.7	17.4	26.0

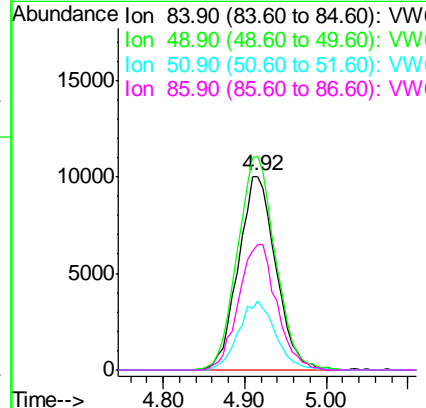
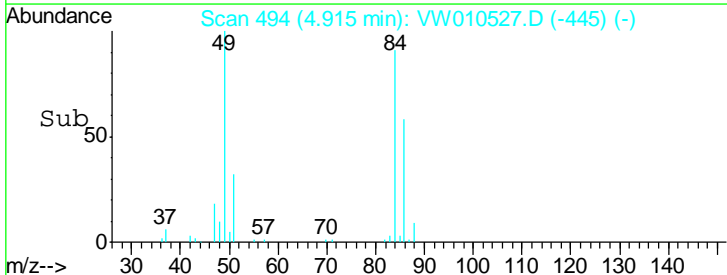
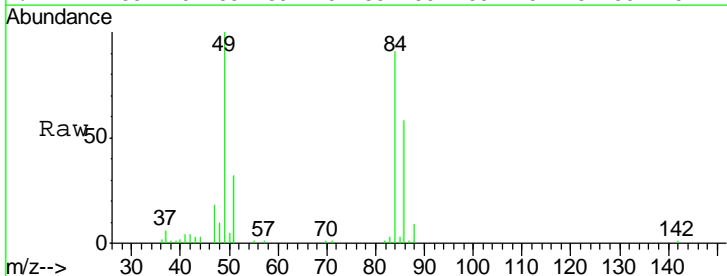
**Manual Integrations**  
**APPROVED**

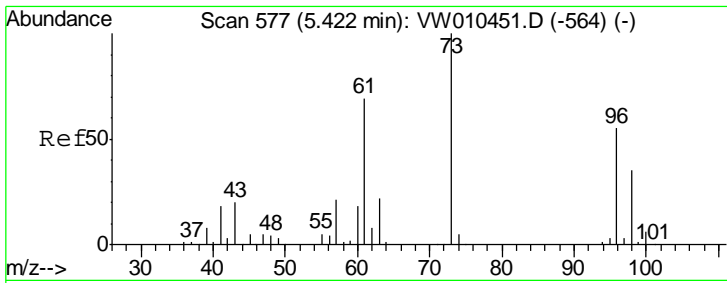
MMDadoda  
5/24/2019 10:44:20 PM



#20  
Methylene Chloride  
Concen: 13.440 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: VW010527.D  
Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
84	100		
49	110.2	87.2	130.8
51	35.4	27.7	41.5
86	64.4	51.4	77.0





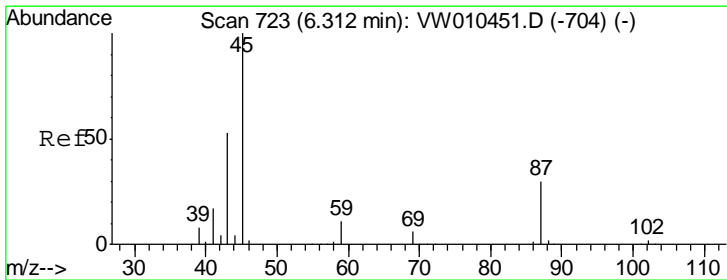
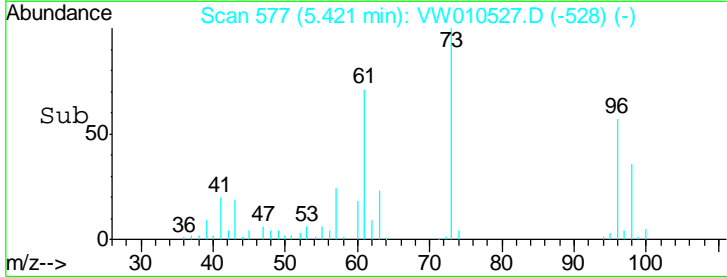
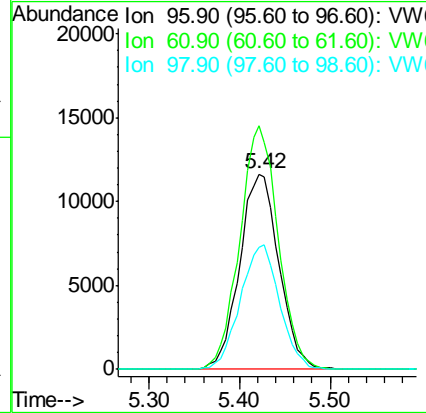
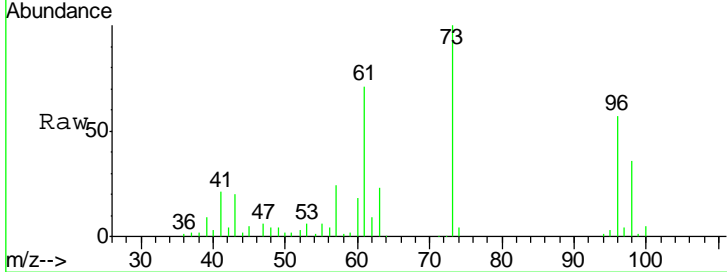
#21  
 trans-1,2-Dichloroethene  
 Concen: 19.113 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
96	34937		
96	100		
61	124.6	101.4	152.0
98	62.6	50.6	76.0

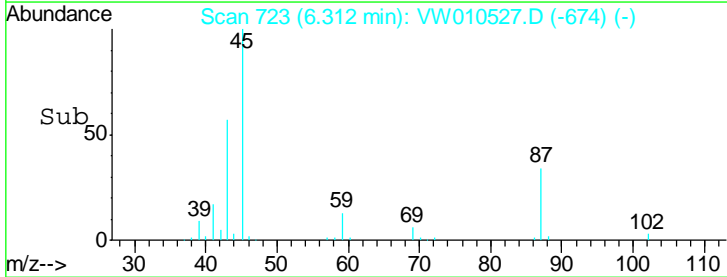
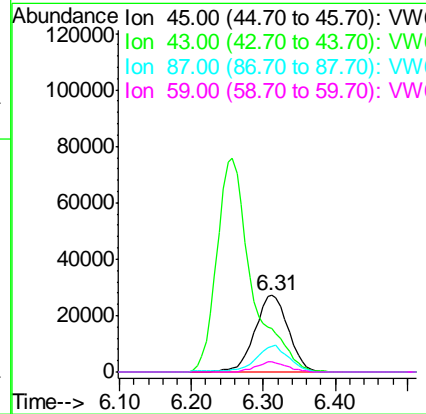
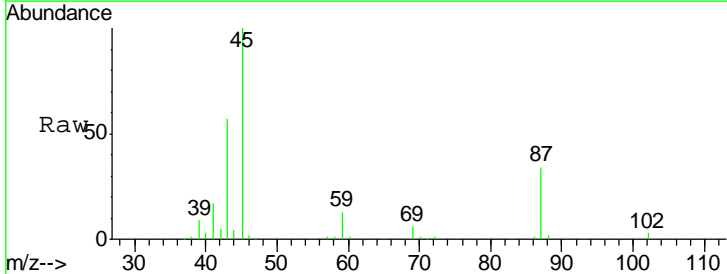
**Manual Integrations**  
**APPROVED**

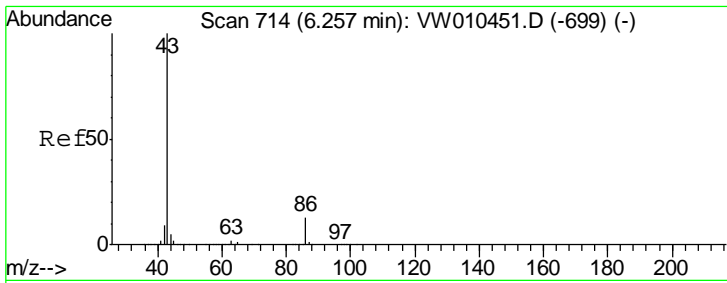
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 5/24/2019 10:44:20 PM



#22  
 Diisopropyl ether  
 Concen: 18.542 ug/l  
 RT: 6.31 min Scan# 723  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
45	87703		
45	100		
43	56.6	42.9	64.3
87	33.8	24.6	36.8
59	12.8	9.4	14.0



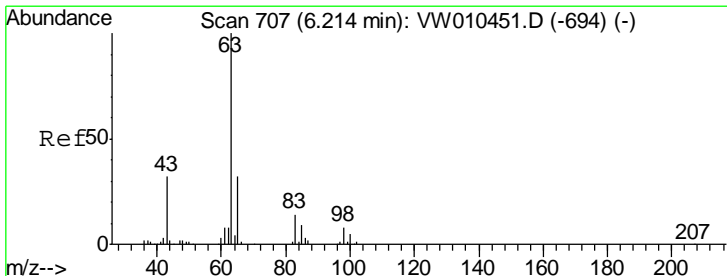
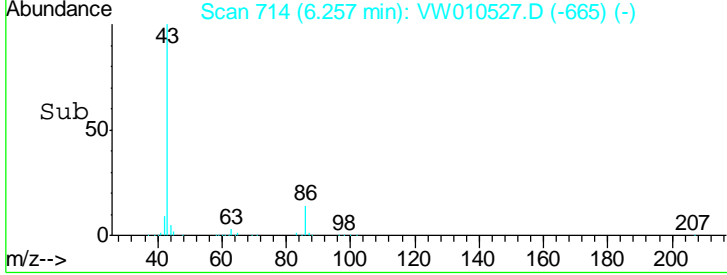
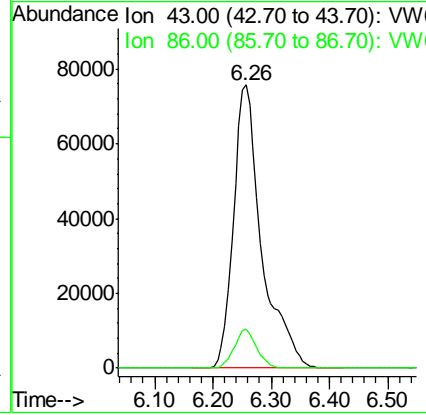
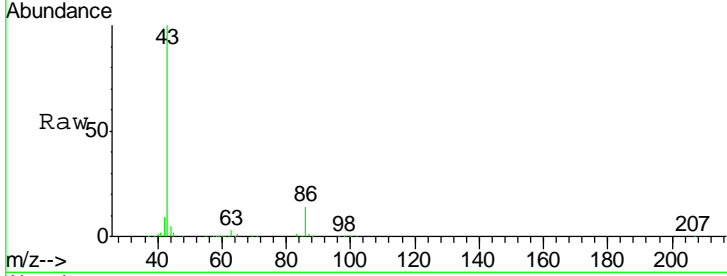


#23  
 Vinyl Acetate  
 Concen: 90.280 ug/l  
 RT: 6.26 min Scan# 714  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
43	100		
86	13.9	10.3	15.5

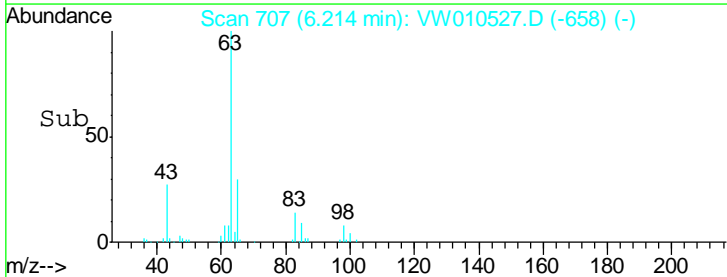
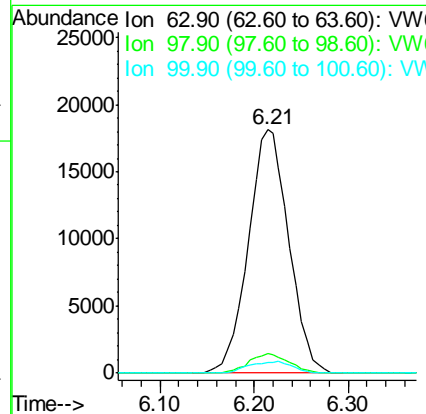
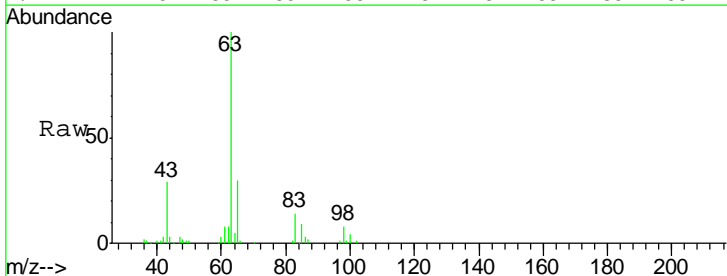
Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

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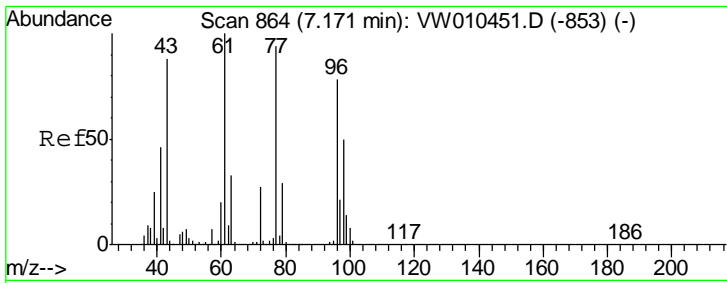


#24  
 1,1-Dichloroethane  
 Concen: 19.230 ug/l  
 RT: 6.21 min Scan# 707  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
63	100		
98	8.3	3.8	11.2
100	4.4	2.5	7.4





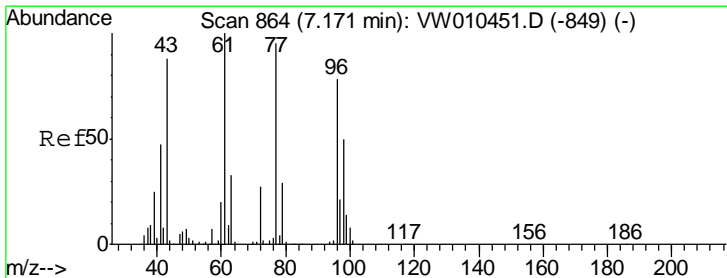
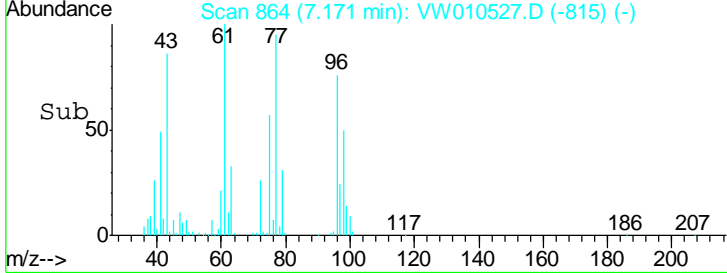
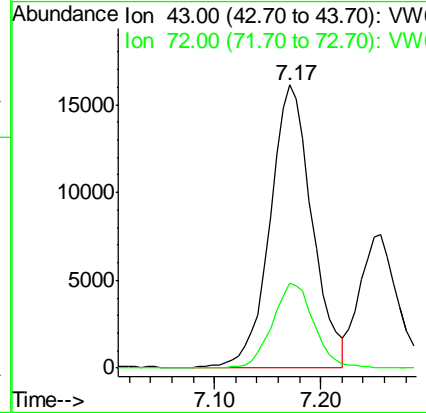
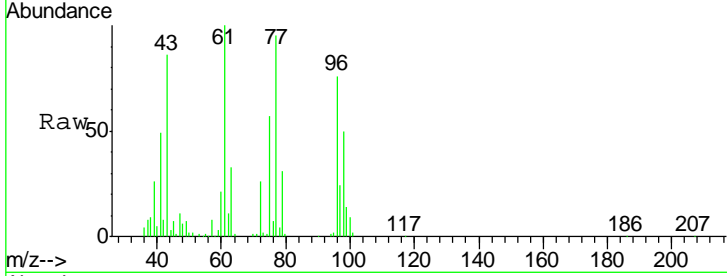


#25  
 2-Butanone  
 Concen: 97.517 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

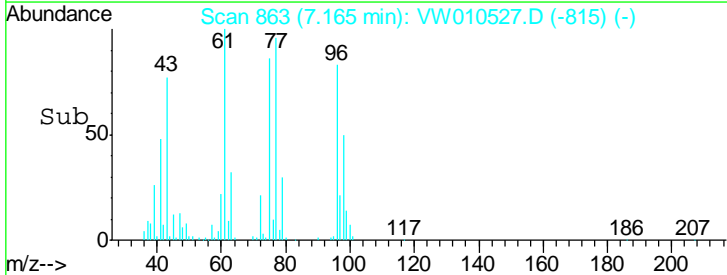
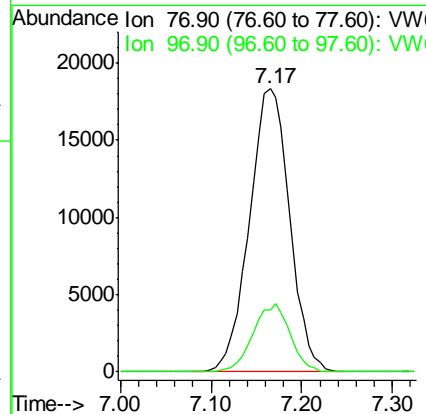
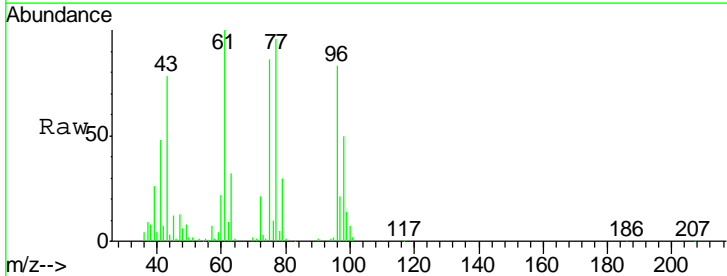
Tgt Ion: 43 Resp: 44361  
 Ion Ratio Lower Upper  
 43 100  
 72 29.8 24.1 36.1

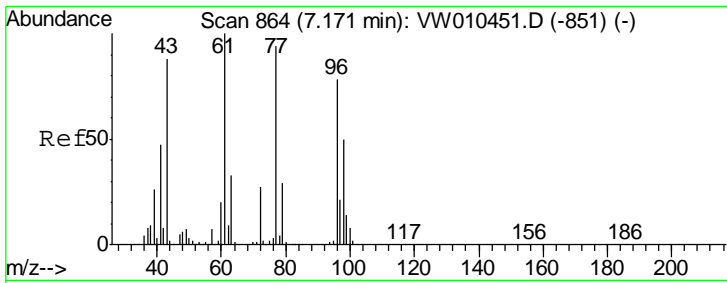
**Manual Integrations**  
**APPROVED**  
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#26  
 2,2-Dichloropropane  
 Concen: 20.934 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion: 77 Resp: 56286  
 Ion Ratio Lower Upper  
 77 100  
 97 22.2 11.7 35.0





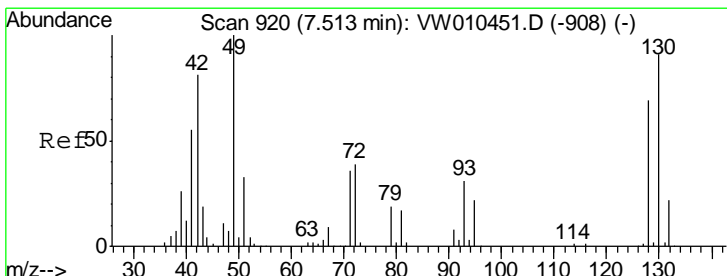
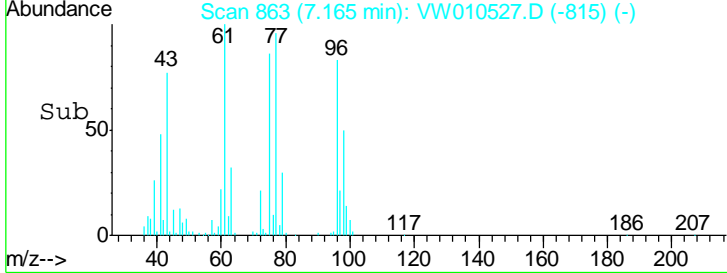
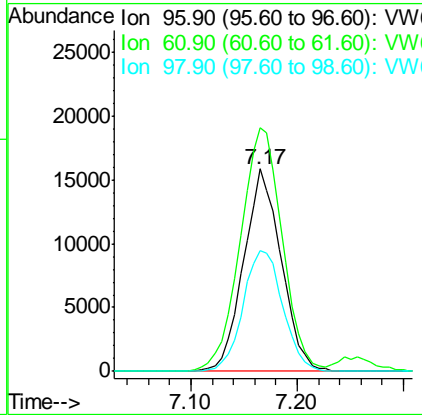
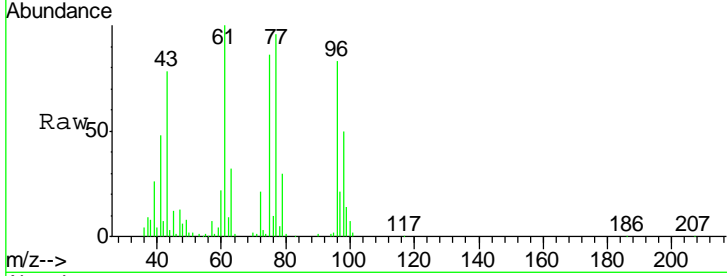
#27  
 cis-1,2-Dichloroethene  
 Concen: 19.753 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
96	39255		
61	134.1	0.0	265.4
98	63.1	0.0	129.4

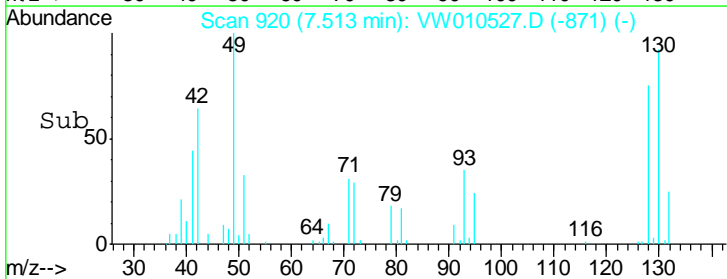
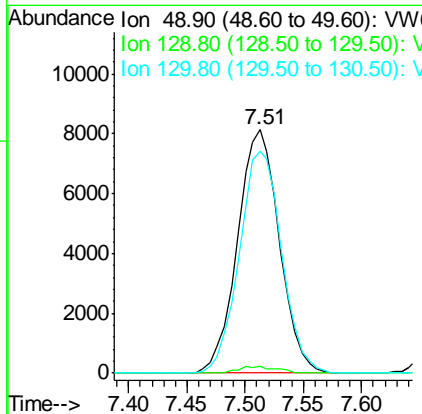
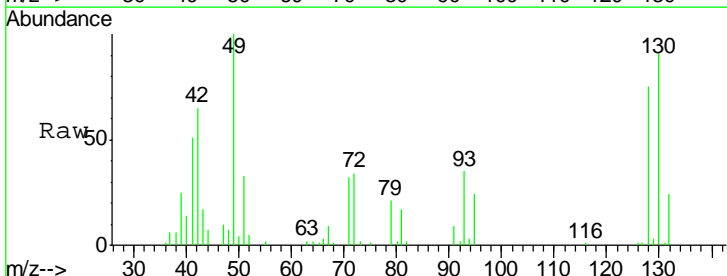
**Manual Integrations**  
**APPROVED**

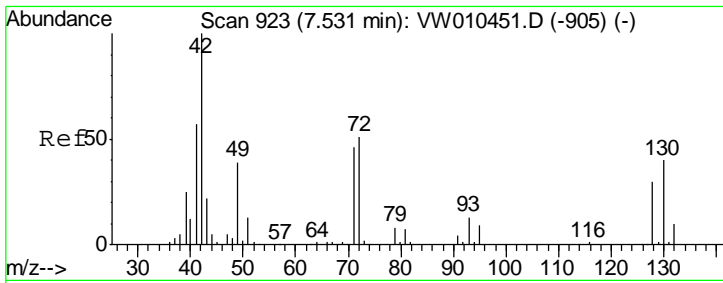
MMDadoda  
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#28  
 Bromochloromethane  
 Concen: 20.107 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
49	20320		
129	2.4	0.0	4.8
130	92.3	71.2	106.8





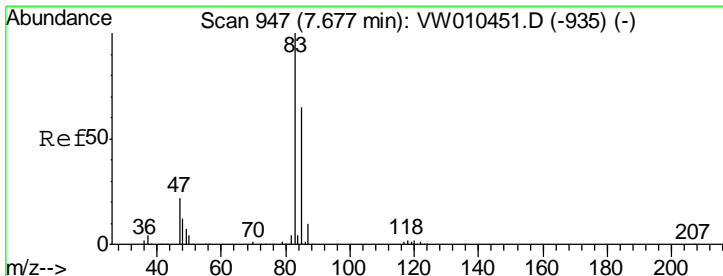
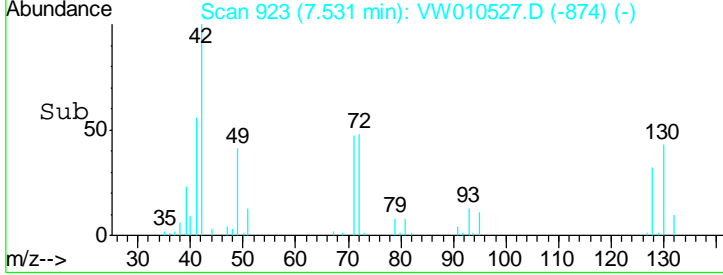
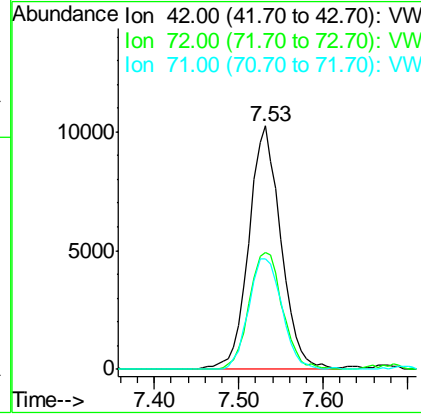
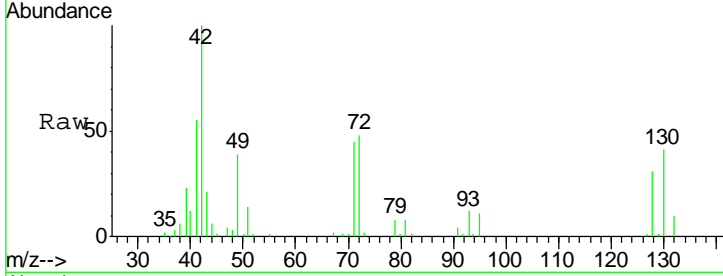
#29  
 Tetrahydrofuran  
 Concen: 85.949 ug/l  
 RT: 7.53 min Scan# 923  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
42	100		
72	49.8	38.5	57.7
71	47.0	36.5	54.7

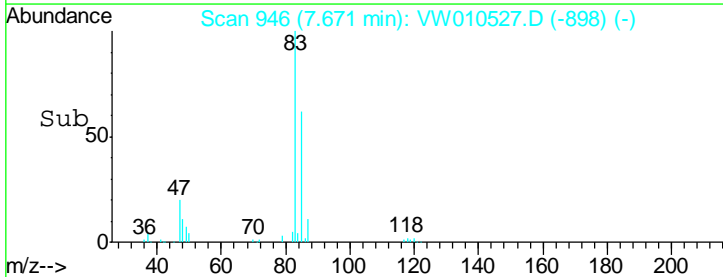
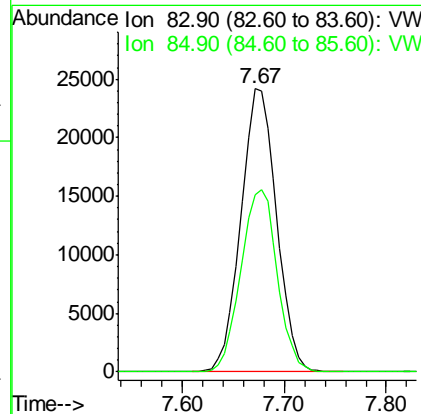
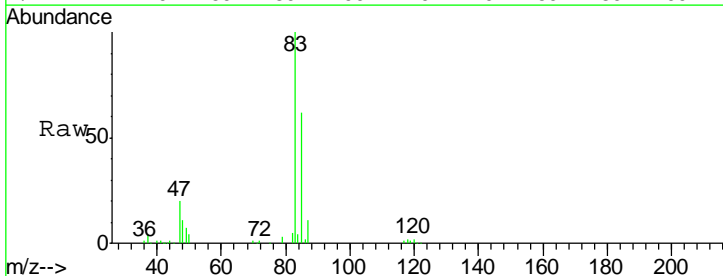
**Manual Integrations**  
**APPROVED**

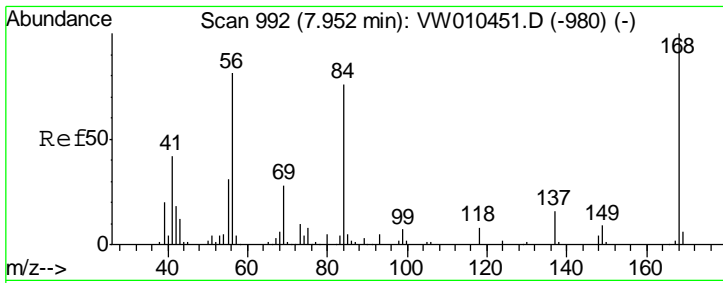
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#30  
 Chloroform  
 Concen: 19.292 ug/l  
 RT: 7.67 min Scan# 946  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
83	100		
85	62.4	52.2	78.4



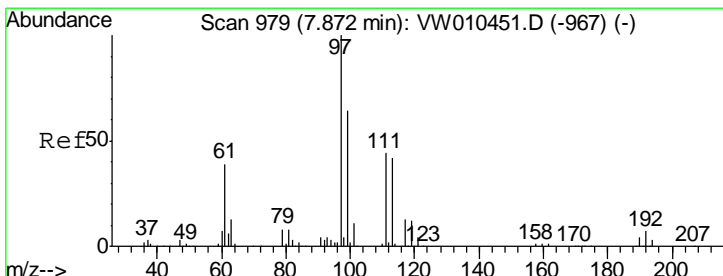
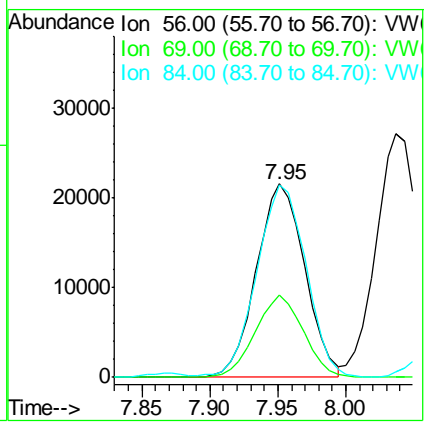
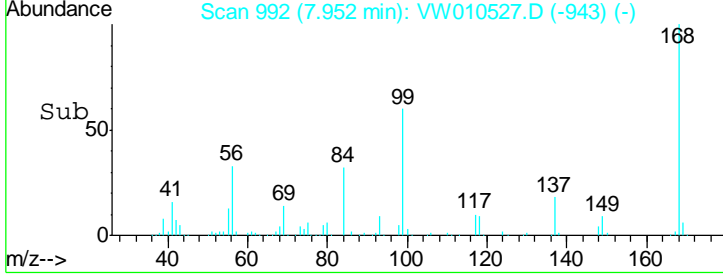
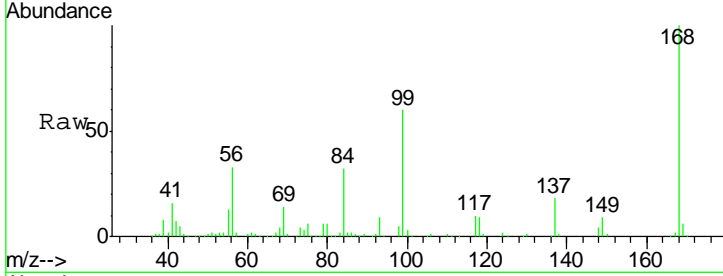


#31  
 Cyclohexane  
 Concen: 18.138 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

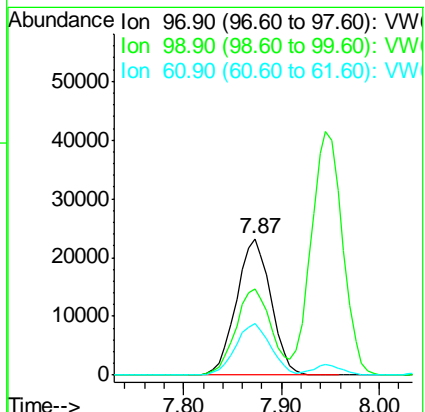
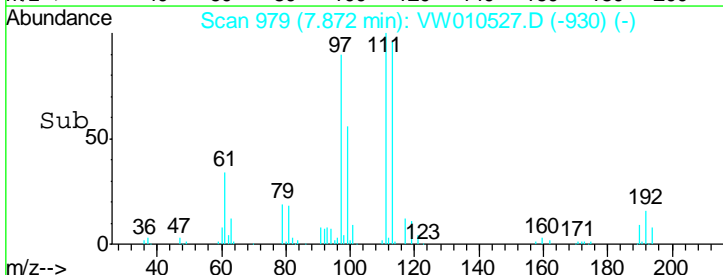
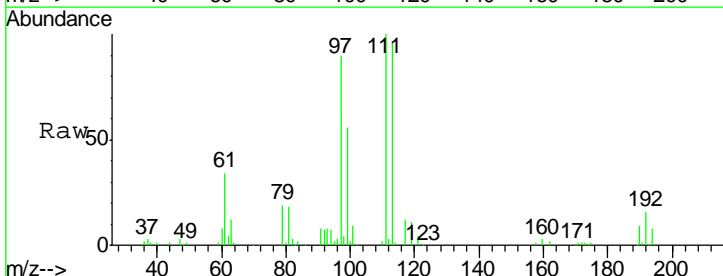
Tgt Ion	Resp	Lower	Upper
56	100		
69	42.8	28.2	42.2#
84	98.2	75.8	113.8

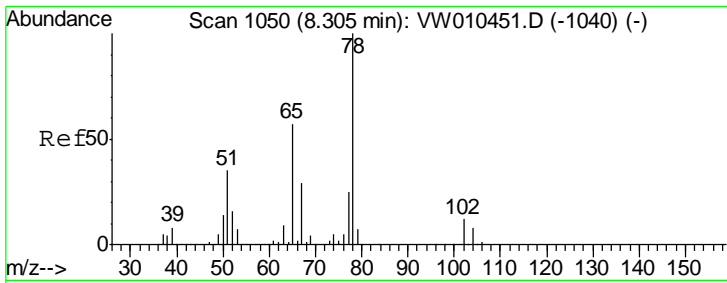
**Manual Integrations**  
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#32  
 1,1,1-Trichloroethane  
 Concen: 19.491 ug/l  
 RT: 7.87 min Scan# 979  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
97	100		
99	65.5	50.8	76.2
61	38.5	32.1	48.1



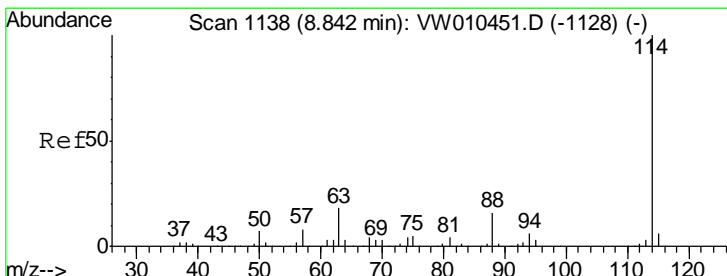
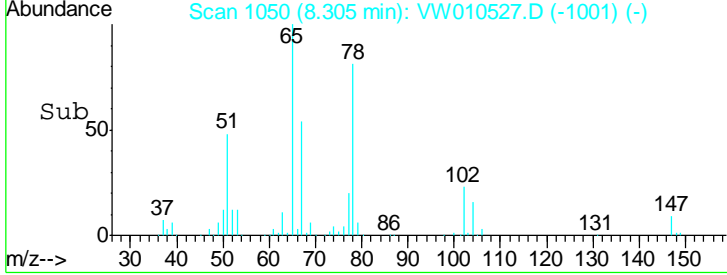
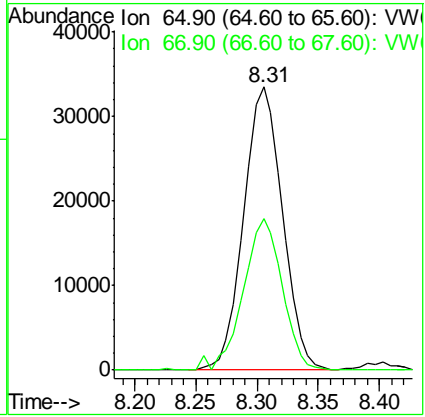
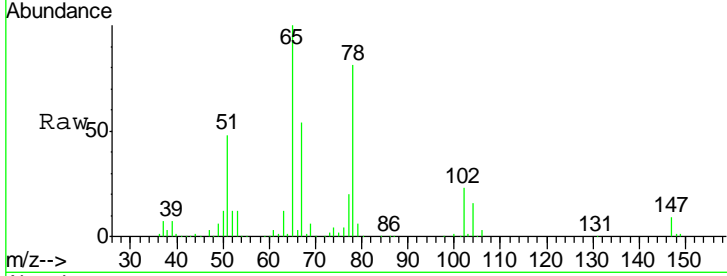


#33  
 1,2-Dichloroethane-d4  
 Concen: 47.612 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0523SBSD01

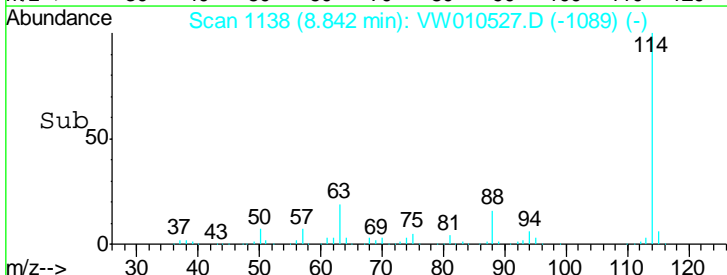
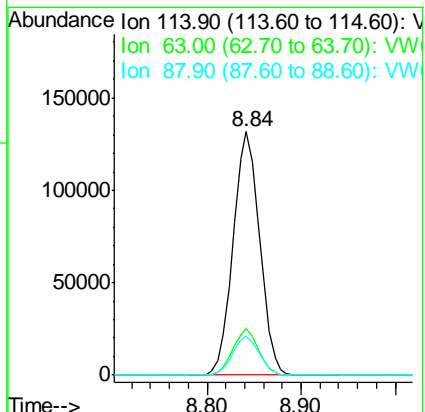
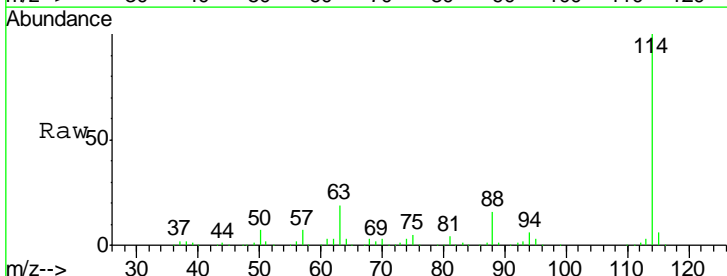
Tgt Ion	Resp	Lower	Upper
65	100		
67	53.6	0.0	103.6

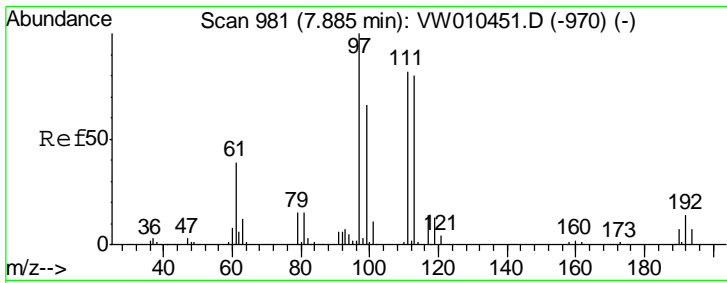
Manual Integrations  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

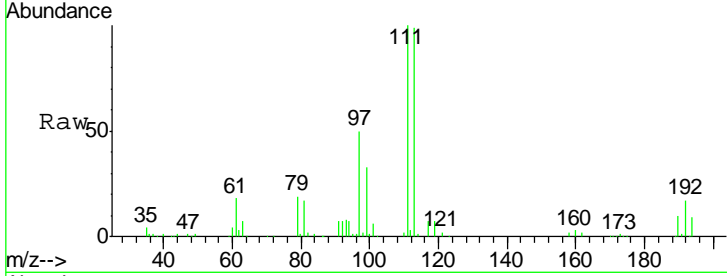
Tgt Ion	Resp	Lower	Upper
114	100		
63	18.9	0.0	36.0
88	15.8	0.0	32.0





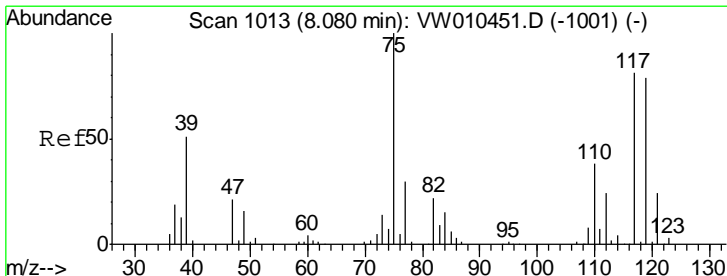
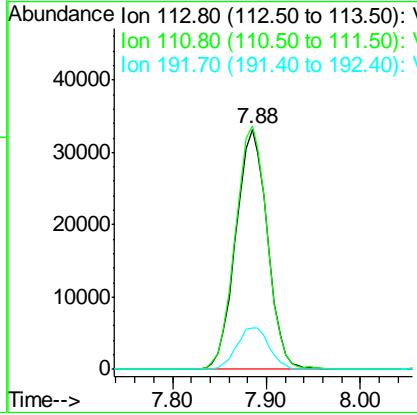
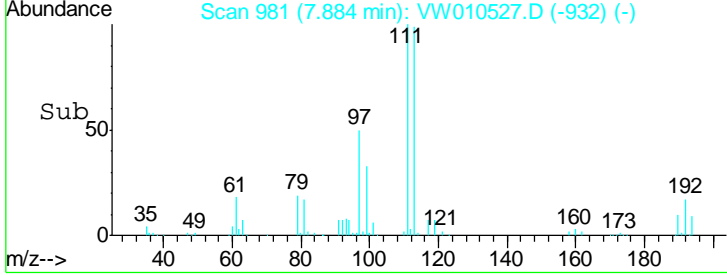
#35  
 Dibromofluoromethane  
 Concen: 49.760 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01



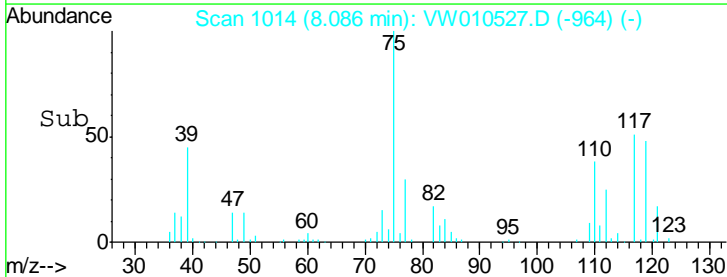
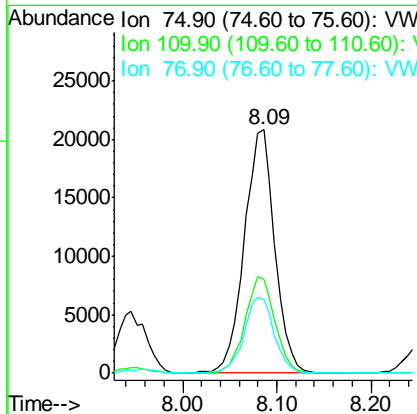
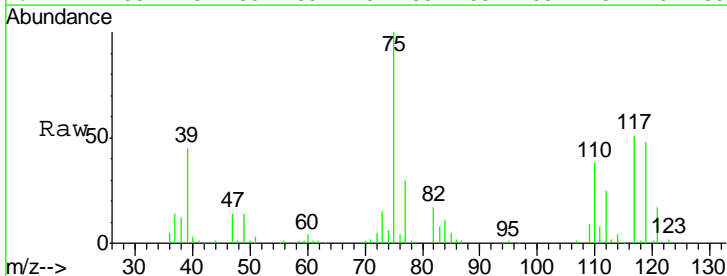
Tgt Ion	Resp	Lower	Upper
113	77681		
113	100		
111	102.5	82.2	123.4
192	17.9	14.3	21.5

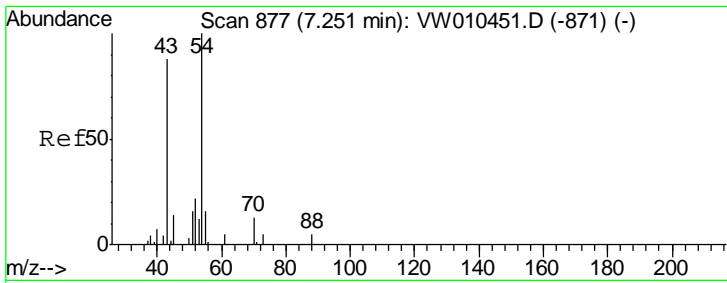
Manual Integrations  
**APPROVED**  
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#36  
 1,1-Dichloropropene  
 Concen: 19.695 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
75	47202		
75	100		
110	38.5	19.2	57.6
77	30.8	25.2	37.8





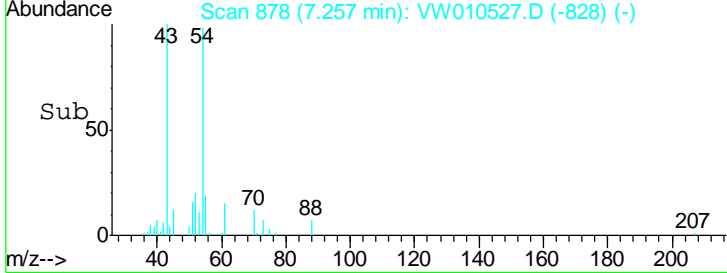
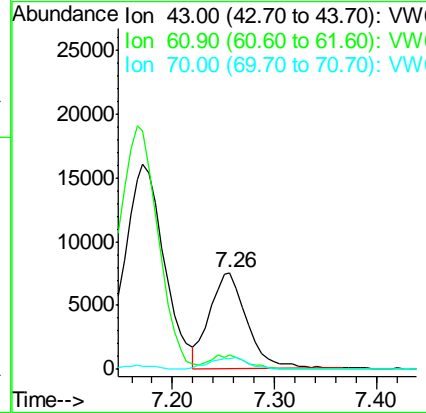
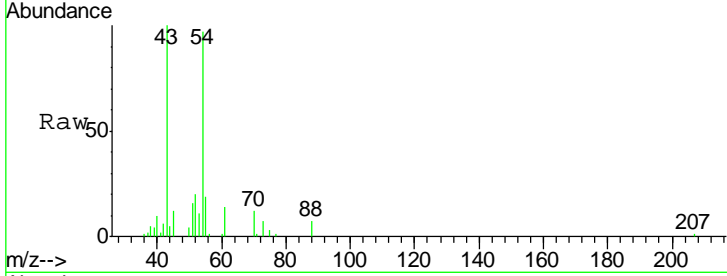
#37  
 Ethyl Acetate  
 Concen: 18.744 ug/l  
 RT: 7.26 min Scan# 878  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
43	19104		
61	14.7	11.2	16.8
70	13.0	9.9	14.9

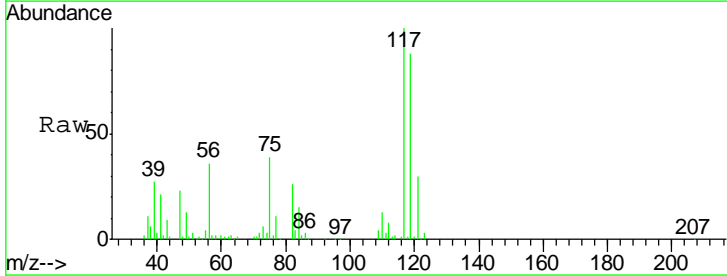
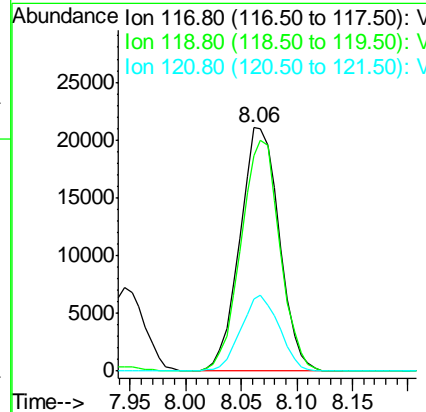
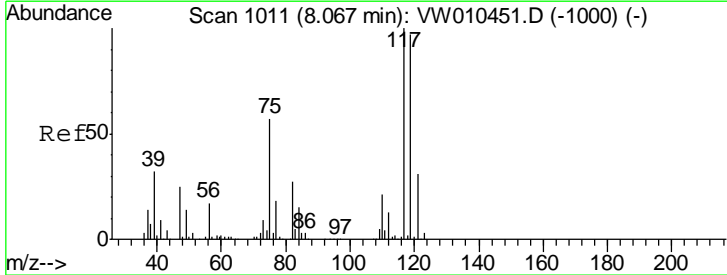
**Manual Integrations**  
**APPROVED**

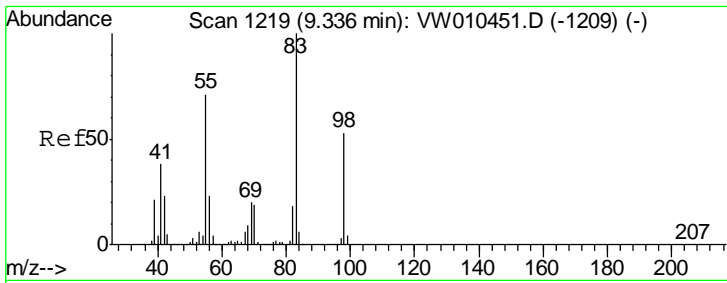
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#38  
 Carbon Tetrachloride  
 Concen: 20.091 ug/l  
 RT: 8.06 min Scan# 1010  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
117	51944		
119	88.3	77.4	116.0
121	29.7	25.0	37.6





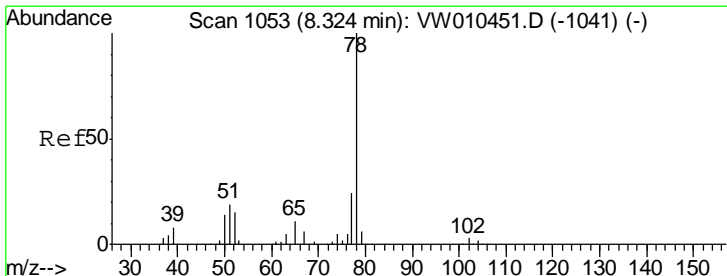
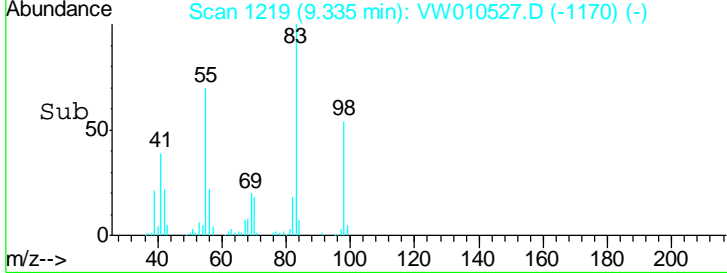
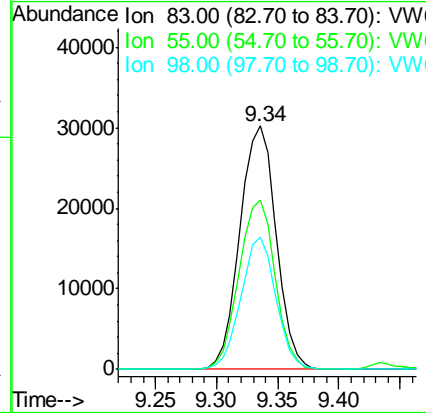
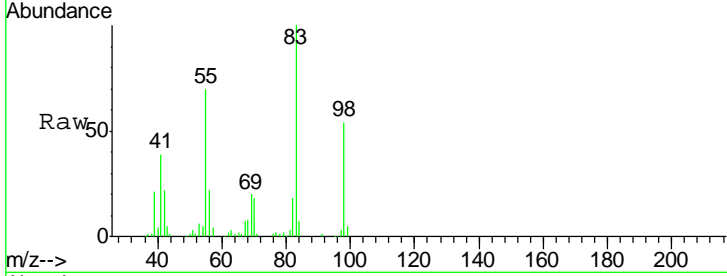
#39  
 Methylcyclohexane  
 Concen: 19.395 ug/l  
 RT: 9.34 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
83	62278		
55	69.7	57.0	85.6
98	54.2	42.0	63.0

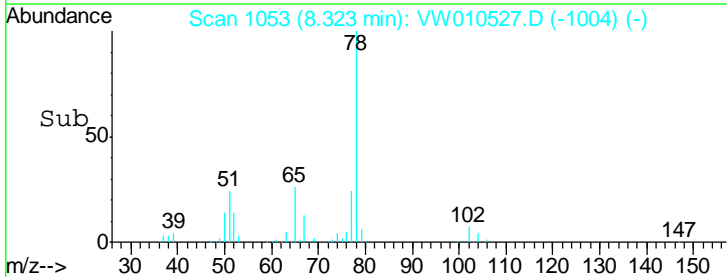
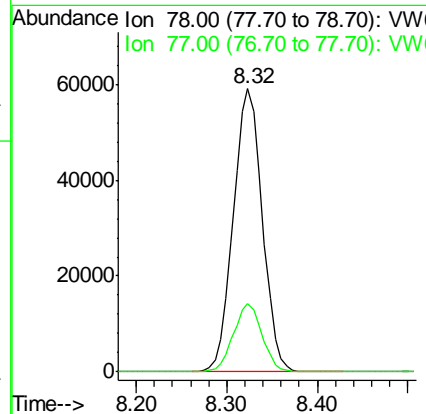
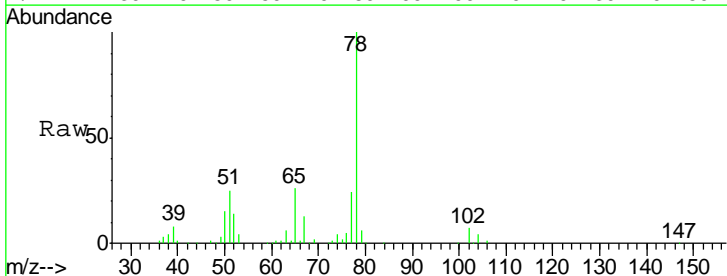
**Manual Integrations**  
**APPROVED**

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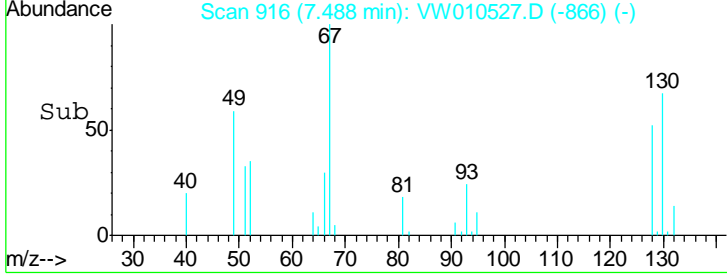
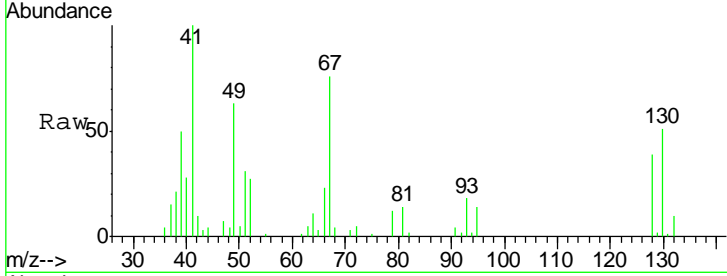
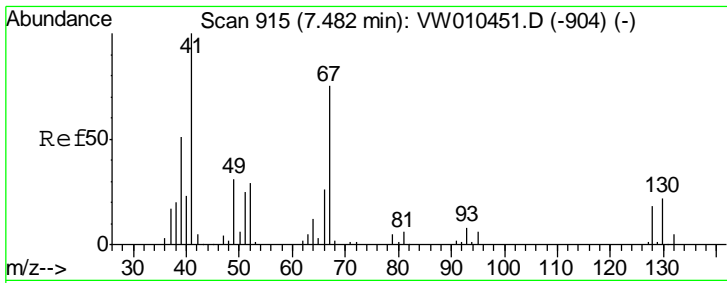


#40  
 Benzene  
 Concen: 19.624 ug/l  
 RT: 8.32 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
78	130726		
77	24.1	18.9	28.3

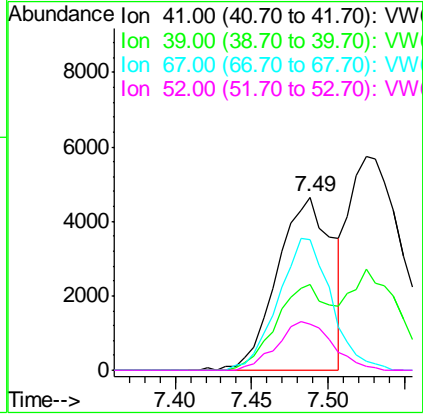






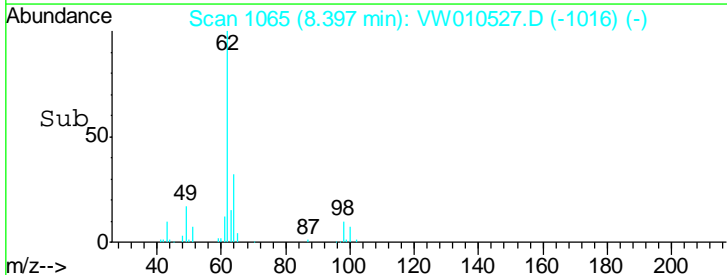
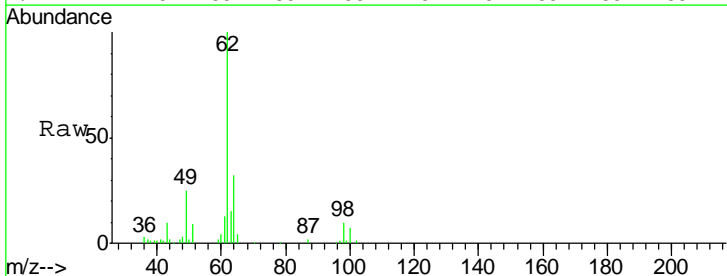
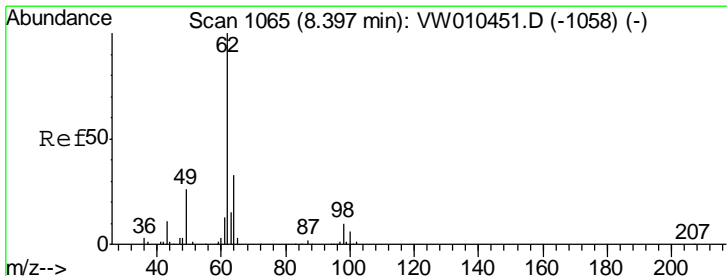
#41  
 Methacrylonitrile  
 Concen: 19.259 ug/l  
 RT: 7.49 min Scan# 916  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
41	100		
39	50.0	47.4	71.2
67	72.8	65.5	98.3
52	27.9	25.0	37.4



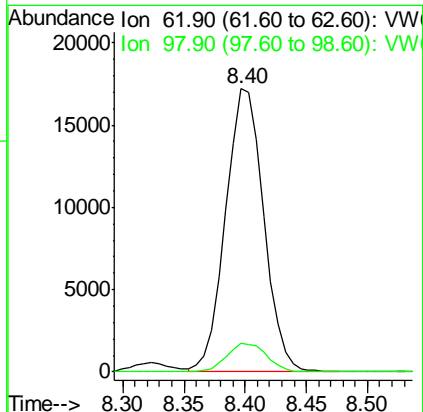
Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

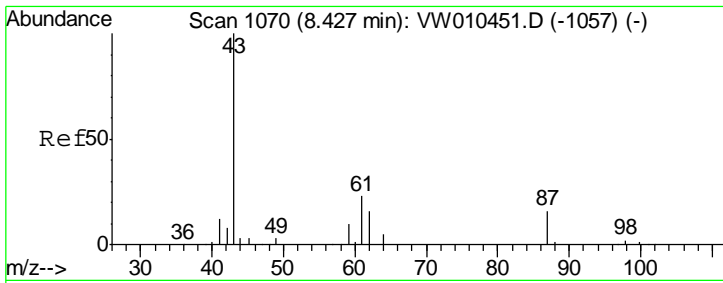
Manual Integrations  
**APPROVED**  
 MMDadoda  
 5/24/2019 10:44:20 PM



#42  
 1,2-Dichloroethane  
 Concen: 19.541 ug/l  
 RT: 8.40 min Scan# 1065  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
62	100		
98	10.5	0.0	21.0





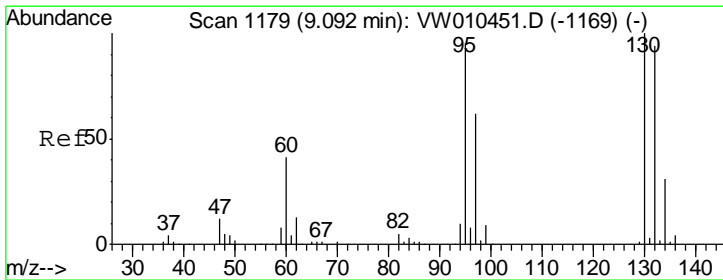
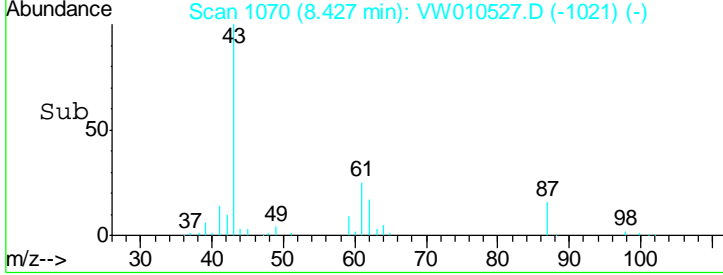
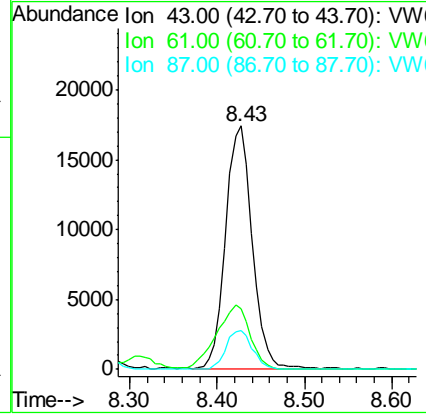
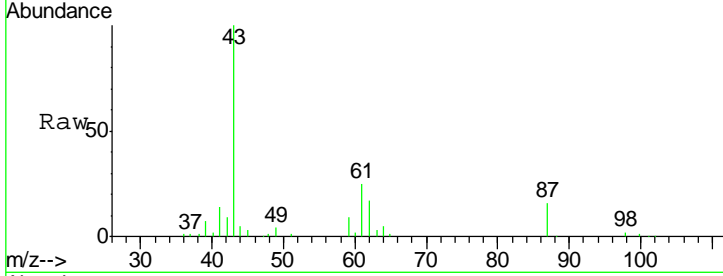
#43  
 Isopropyl Acetate  
 Concen: 18.236 ug/l  
 RT: 8.43 min Scan# 1070  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
43	37131		
61	32.9	25.4	38.2
87	15.6	12.7	19.1

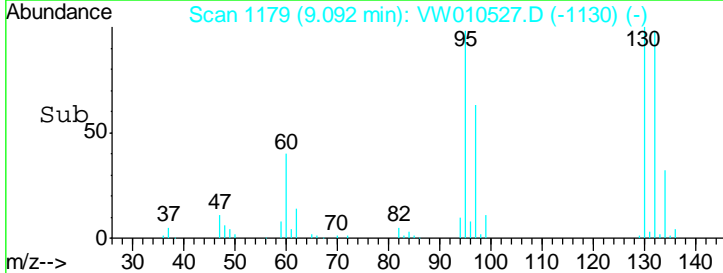
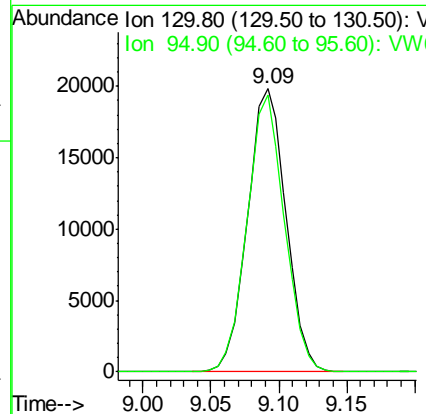
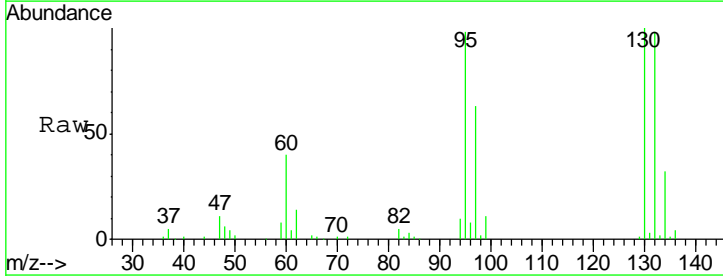
**Manual Integrations**  
**APPROVED**

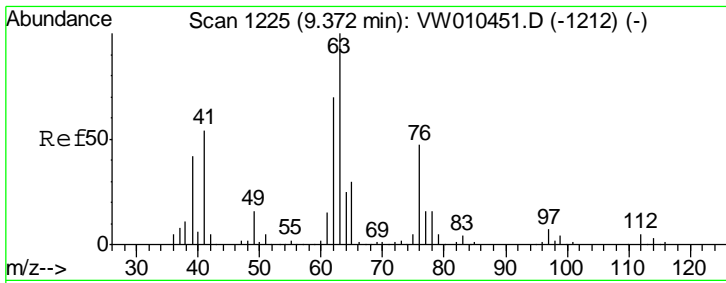
MMDadoda  
 5/24/2019 10:44:20 PM



#44  
 Trichloroethene  
 Concen: 19.849 ug/l  
 RT: 9.09 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
130	39255		
95	98.0	0.0	189.6



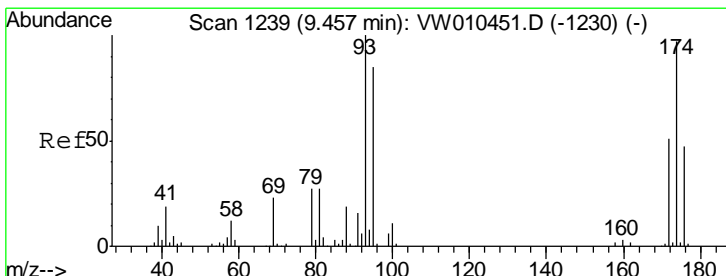
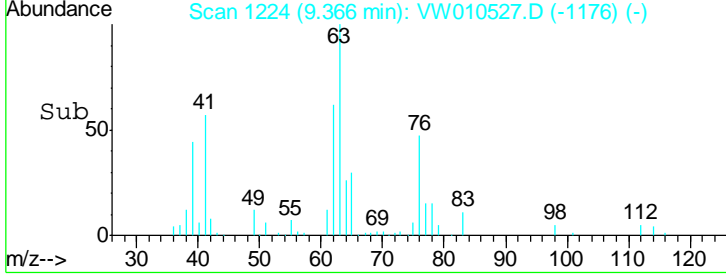
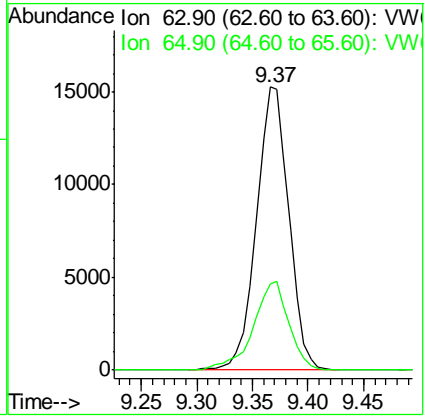
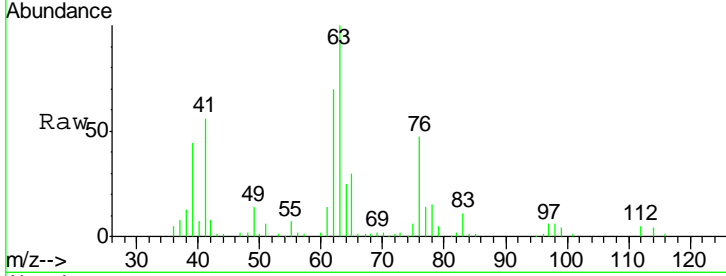


#45  
 1,2-Dichloropropane  
 Concen: 19.559 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 Client Sampled : VW0523SBSD01

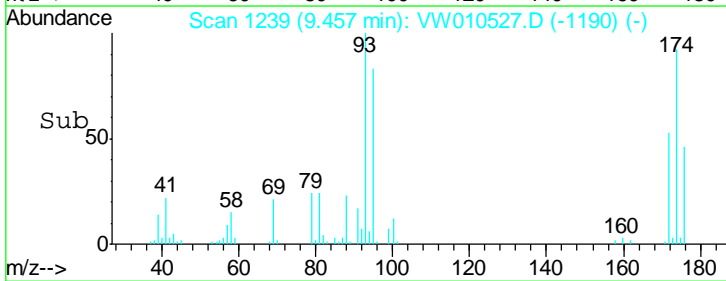
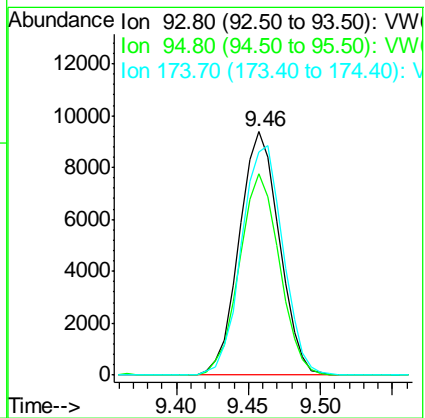
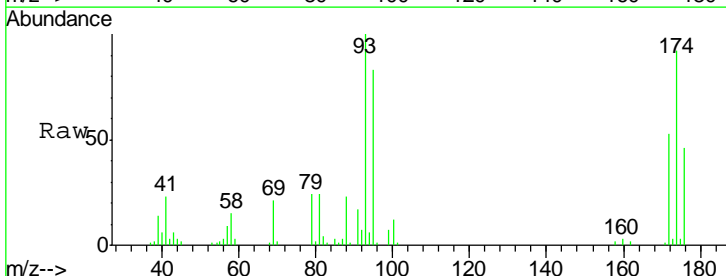
Tgt Ion	Resp	Lower	Upper
63	100		
65	30.4	24.3	36.5

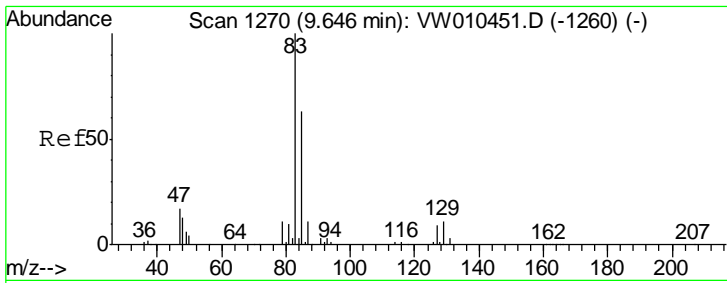
Manual Integrations  
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#46  
 Dibromomethane  
 Concen: 19.626 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
93	100		
95	82.4	66.1	99.1
174	97.1	77.1	115.7





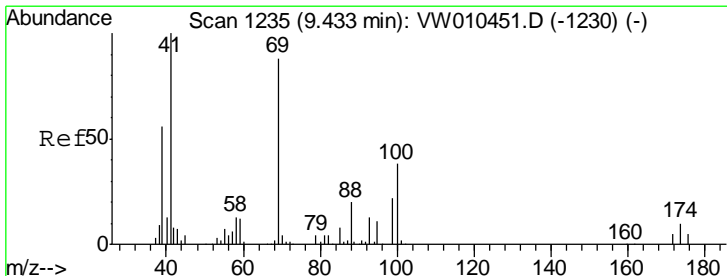
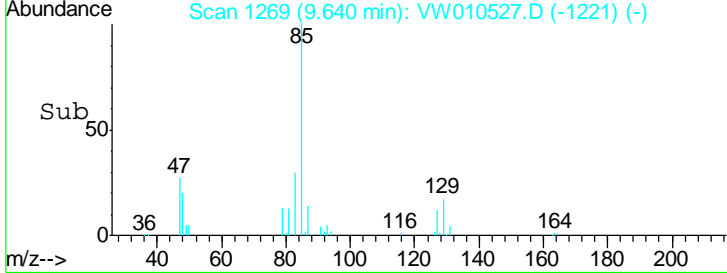
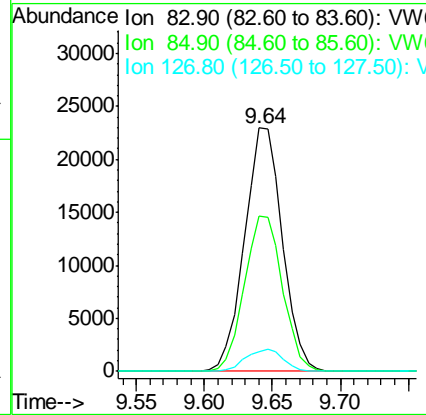
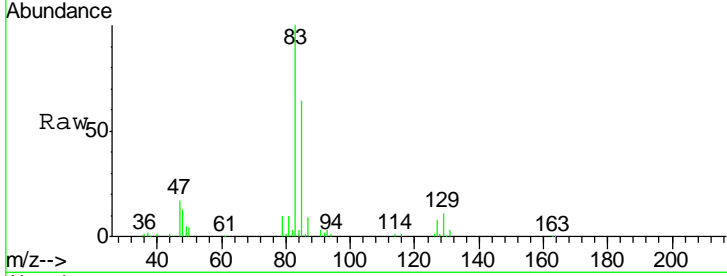
#47  
 Bromodichloromethane  
 Concen: 19.228 ug/l  
 RT: 9.64 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
83	100		
85	63.7	50.4	75.6
127	7.8	7.4	11.0

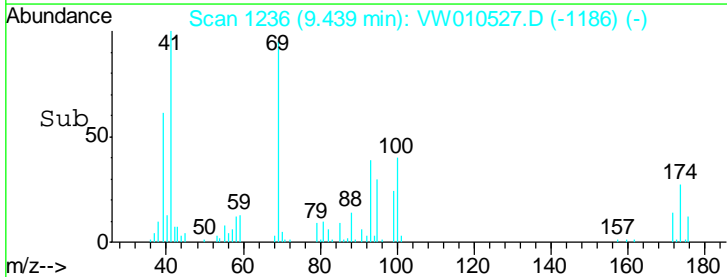
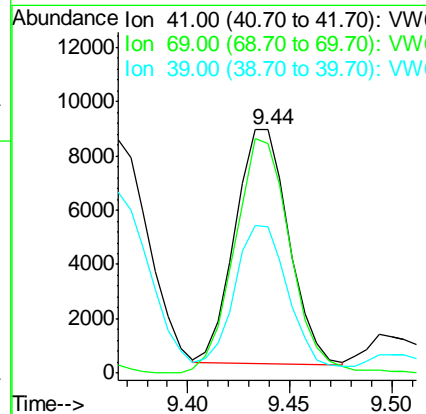
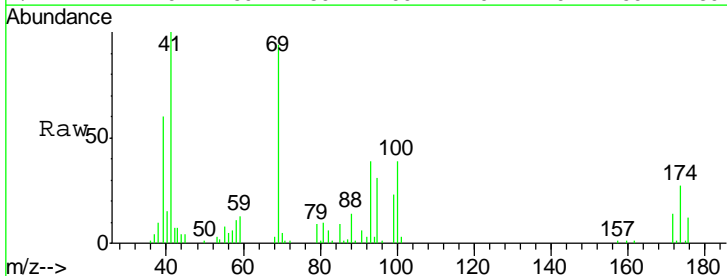
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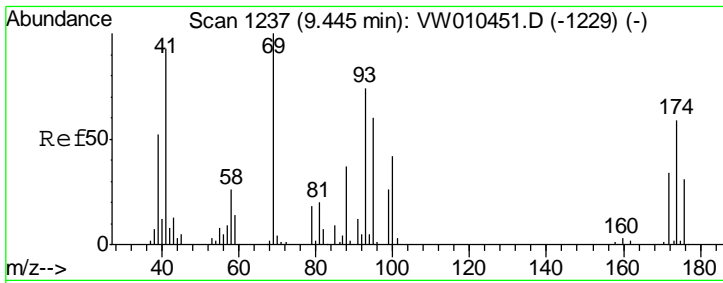
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#48  
 Methyl methacrylate  
 Concen: 16.943 ug/l  
 RT: 9.44 min Scan# 1236  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

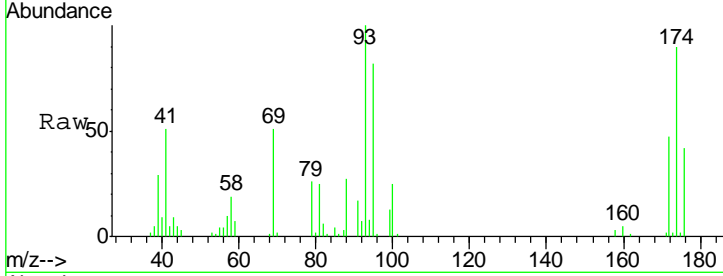
Tgt Ion	Resp	Lower	Upper
41	100		
69	103.6	77.6	116.4
39	59.0	49.8	74.8





#49  
 1,4-Dioxane  
 Concen: 312.022 ug/l  
 RT: 9.45 min Scan# 1238  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

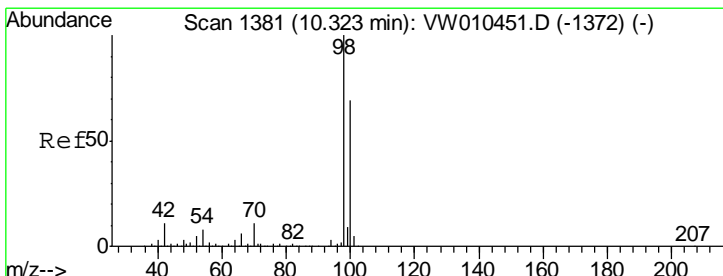
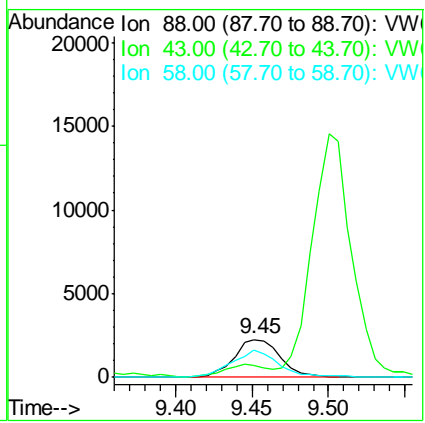
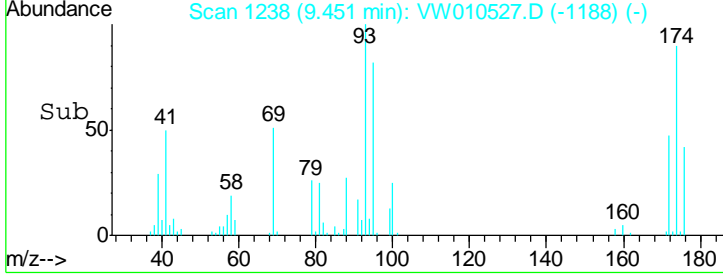
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01



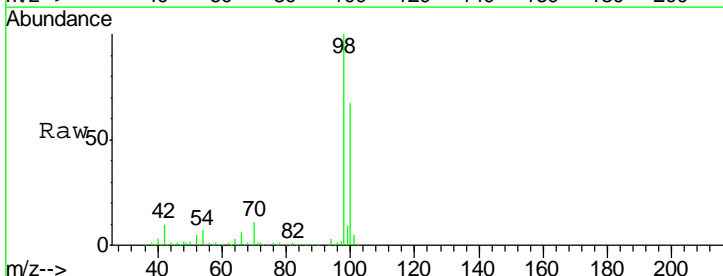
Tgt Ion: 88 Resp: 4716

Ion	Ratio	Lower	Upper
88	100		
43	29.2	25.9	38.9
58	74.2	52.7	79.1

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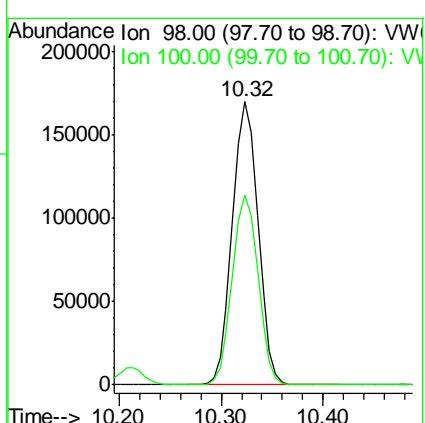
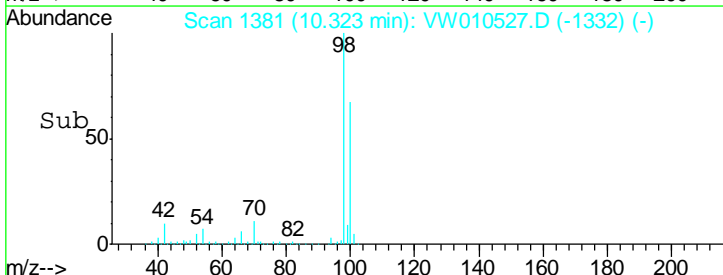


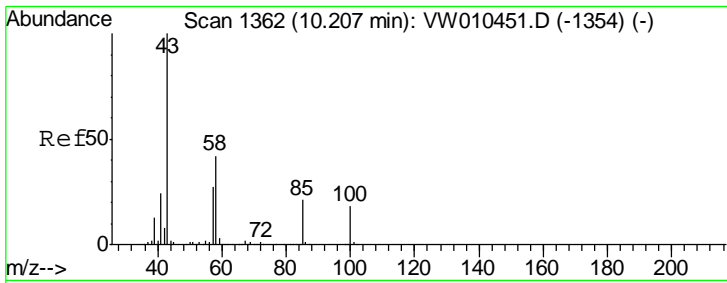
#50  
 Toluene-d8  
 Concen: 49.898 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59



Tgt Ion: 98 Resp: 297584

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.7	80.5





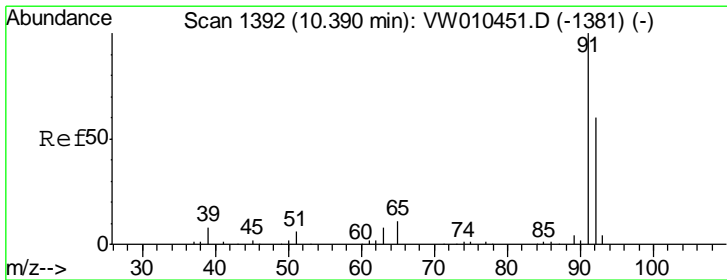
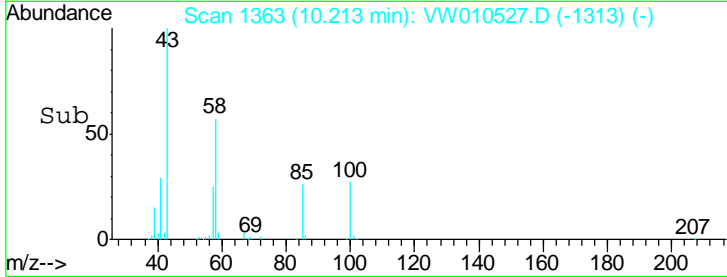
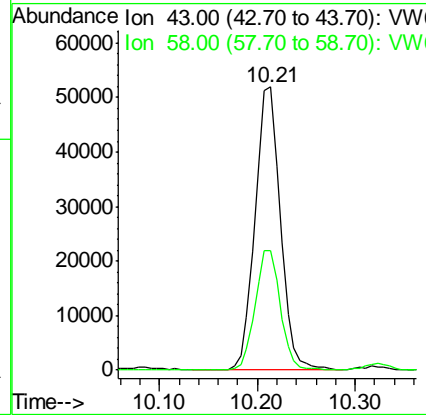
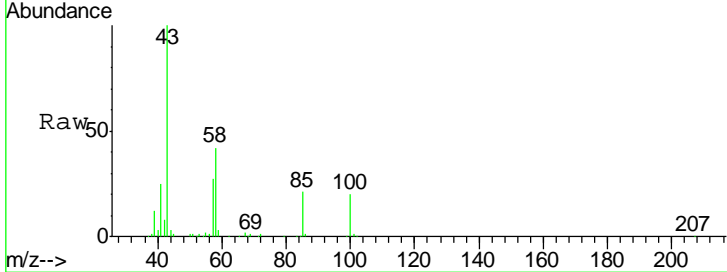
#51  
 4-Methyl-2-Pentanone  
 Concen: 91.279 ug/l  
 RT: 10.21 min Scan# 1363  
 Delta R.T. 0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
43	100		
58	42.2	33.2	49.8

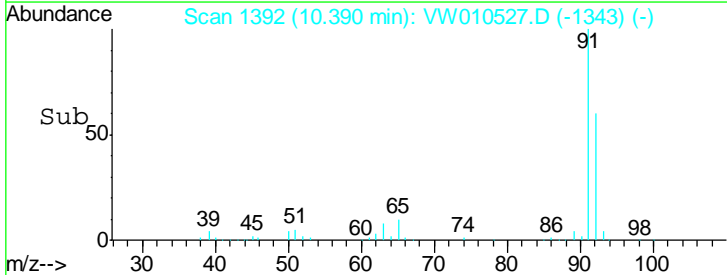
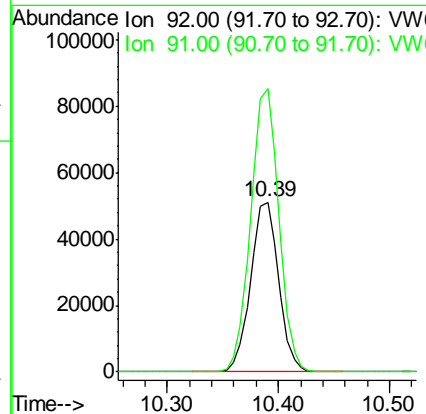
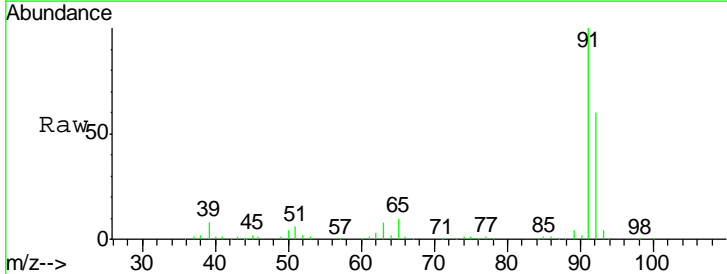
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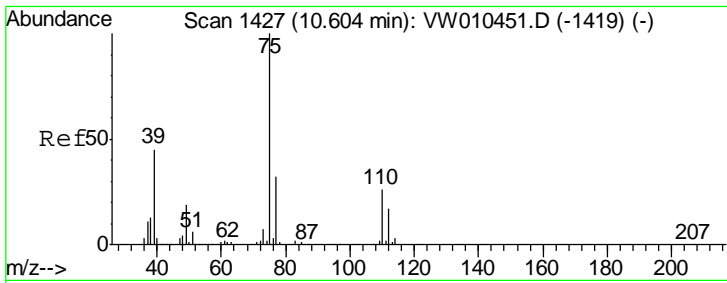
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#52  
 Toluene  
 Concen: 19.972 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
92	100		
91	168.5	135.4	203.0





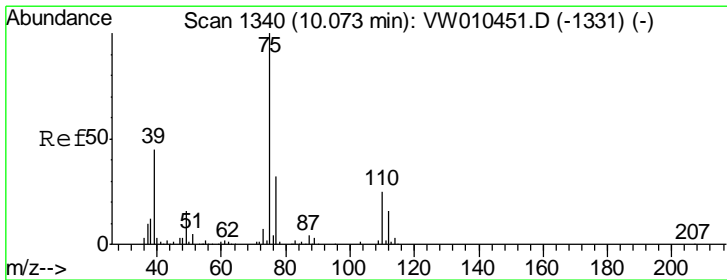
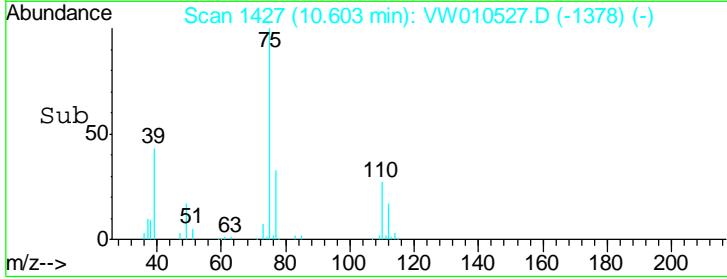
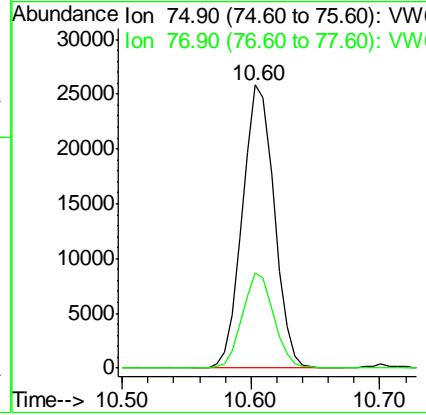
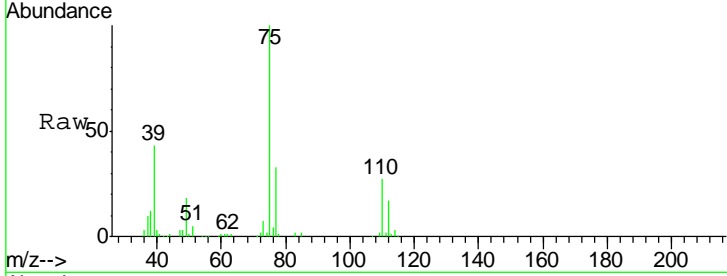
#53  
 t-1,3-Dichloropropene  
 Concen: 18.784 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
75	44233		
75	100		
77	33.5	25.4	38.0

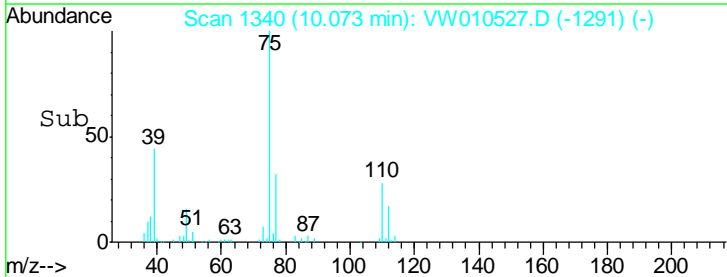
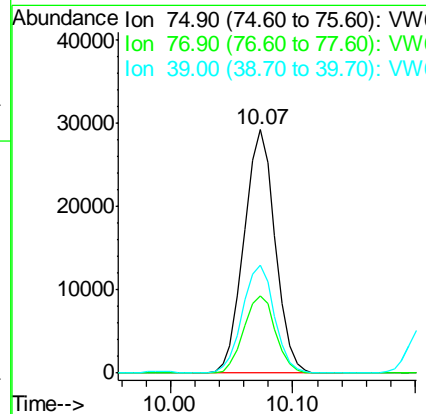
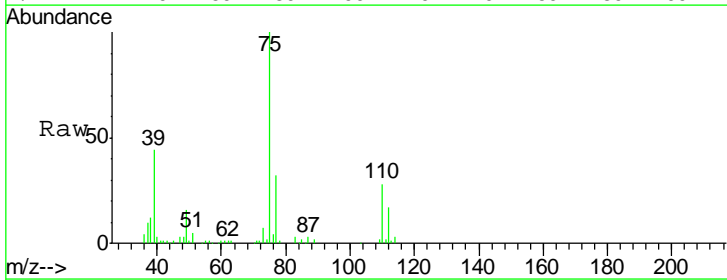
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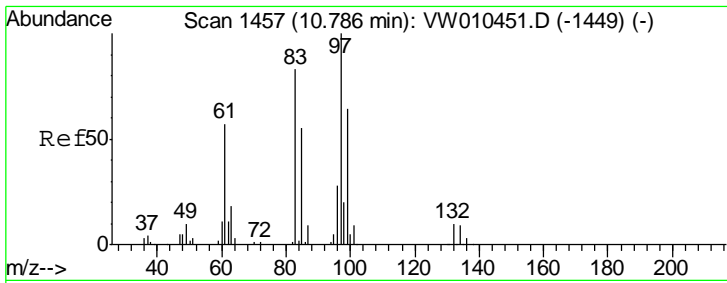
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#54  
 cis-1,3-Dichloropropene  
 Concen: 19.157 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
75	51519		
75	100		
77	31.7	25.7	38.5
39	44.4	36.2	54.4





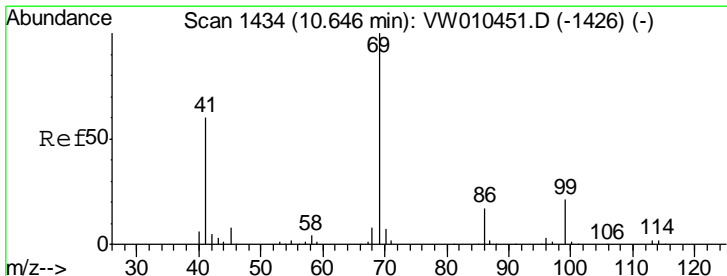
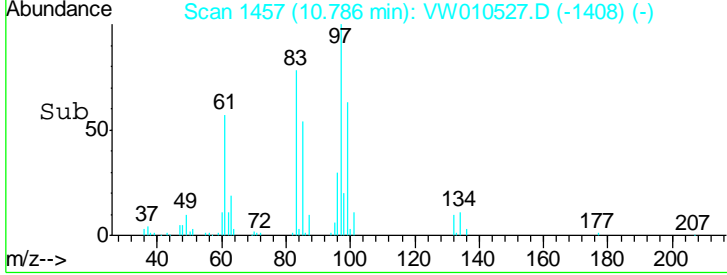
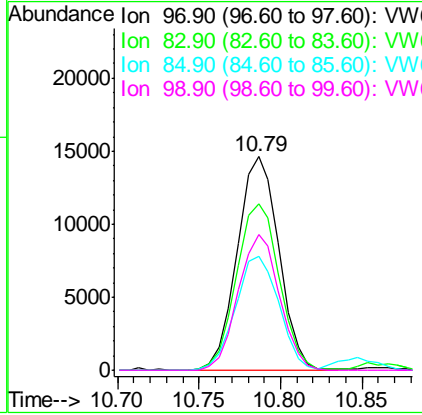
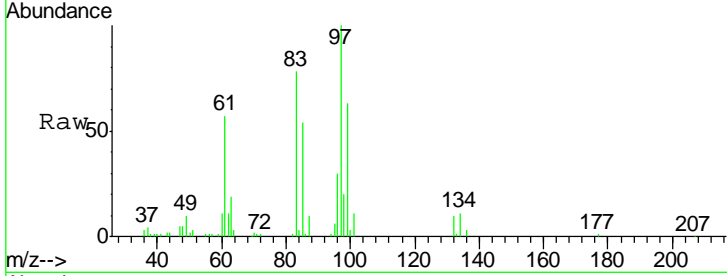
#55  
 1,1,2-Trichloroethane  
 Concen: 19.521 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
97	100		
83	77.9	66.1	99.1
85	53.6	44.2	66.4
99	63.4	51.1	76.7

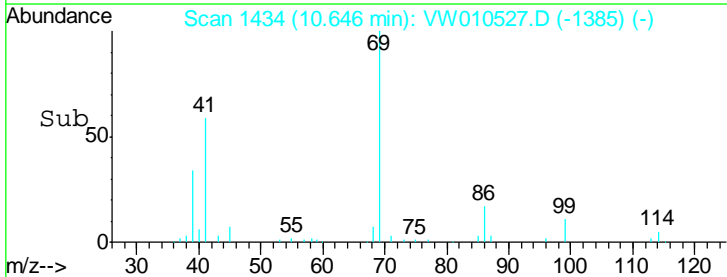
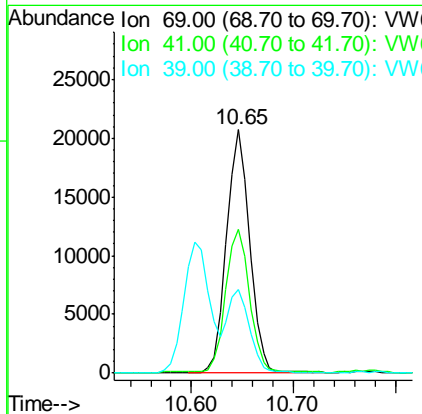
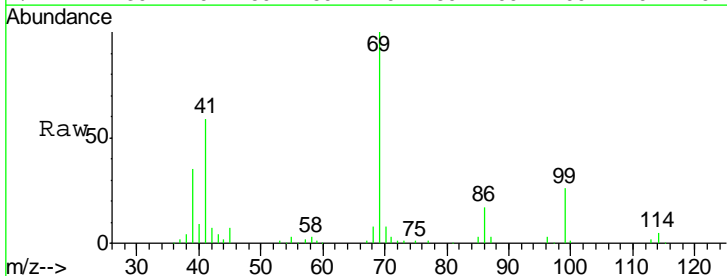
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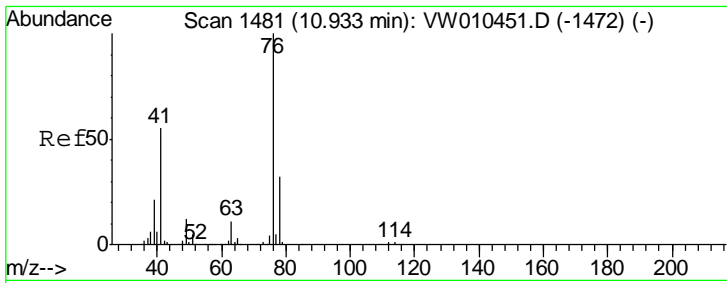


#56  
 Ethyl methacrylate  
 Concen: 17.806 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
69	100		
41	61.7	47.7	71.5
39	33.2	25.3	37.9





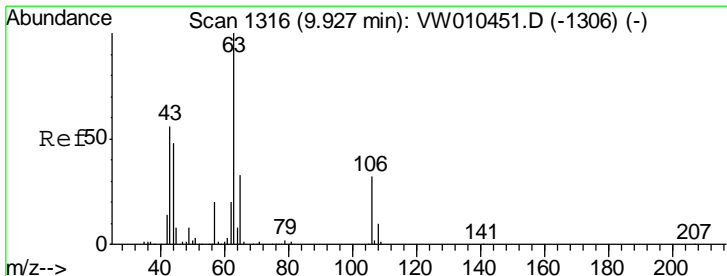
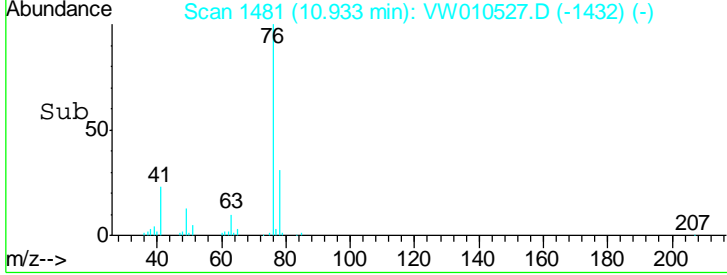
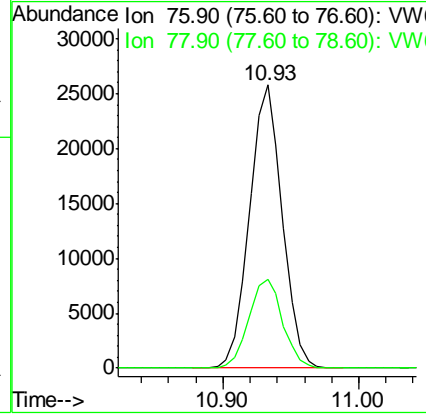
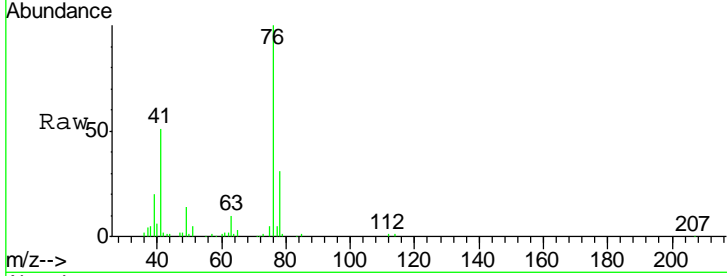


#57  
 1,3-Dichloropropane  
 Concen: 19.405 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

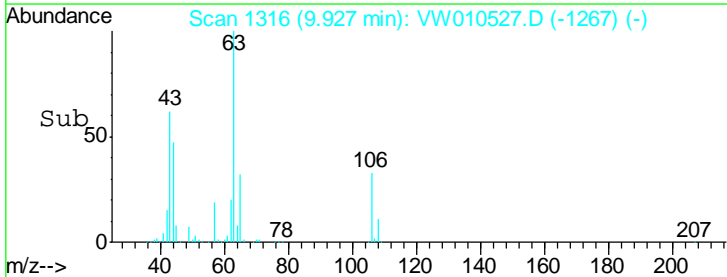
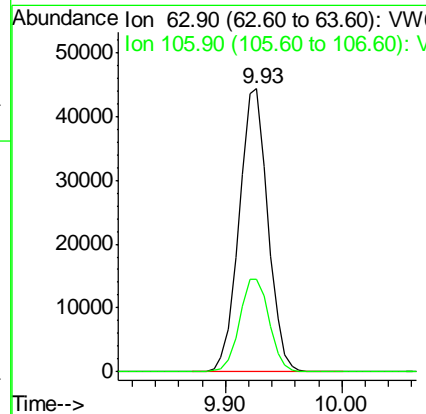
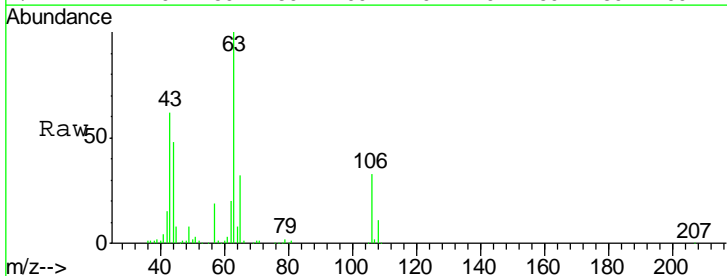
Tgt Ion	Resp	Lower	Upper
76	43247		
76	100		
78	32.5	26.2	39.2

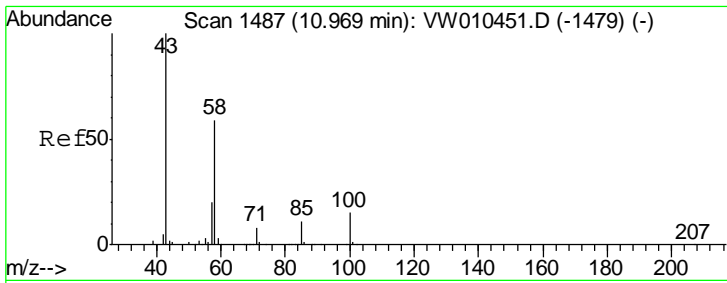
Manual Integrations  
**APPROVED**  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 94.024 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
63	76420		
63	100		
106	33.7	25.8	38.6



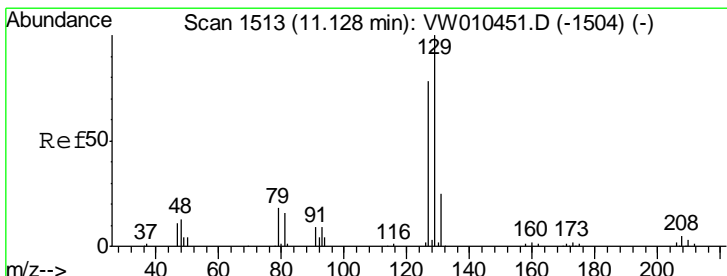
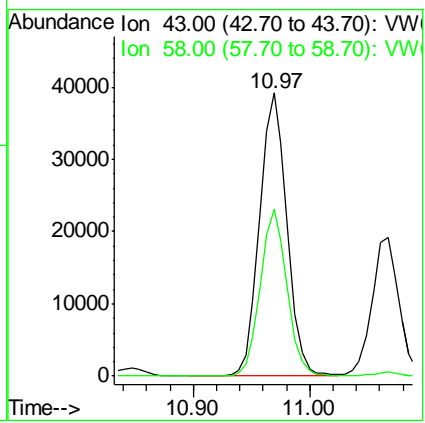
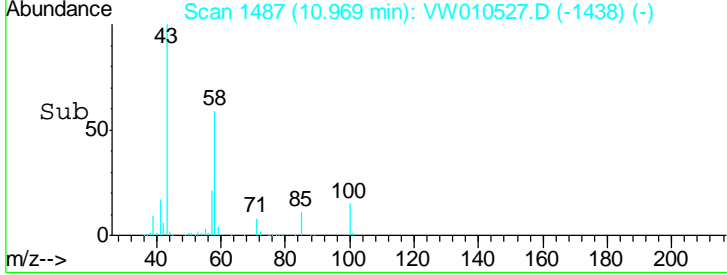
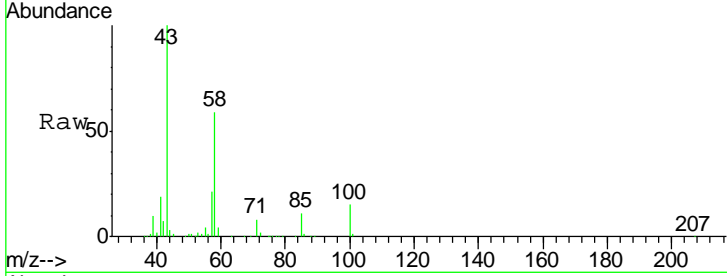


#59  
 2-Hexanone  
 Concen: 87.357 ug/l  
 RT: 10.97 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

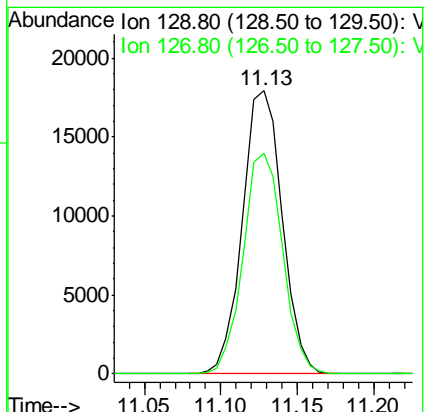
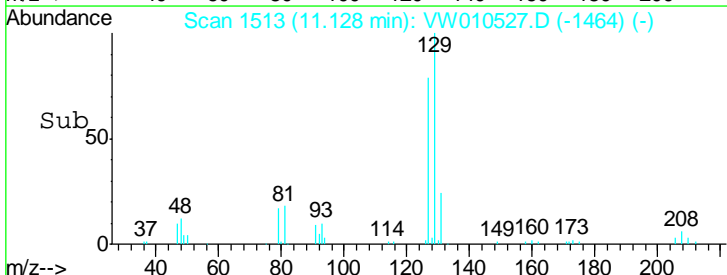
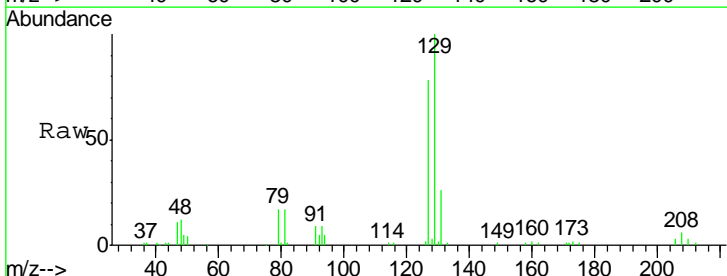
Tgt Ion	Resp	Lower	Upper
43	100		
58	57.7	28.9	86.8

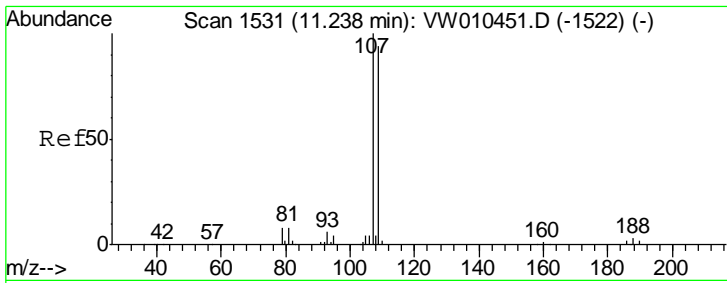
Manual Integrations  
**APPROVED**  
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#60  
 Dibromochloromethane  
 Concen: 19.286 ug/l  
 RT: 11.13 min Scan# 1513  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
129	100		
127	77.4	38.9	116.7



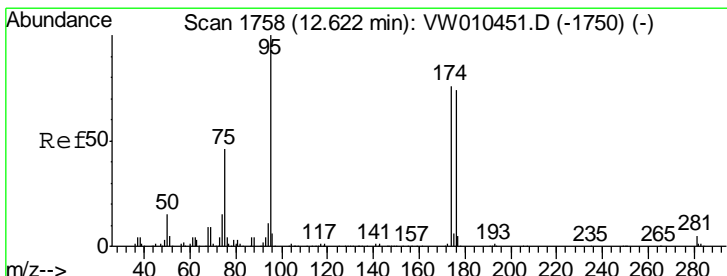
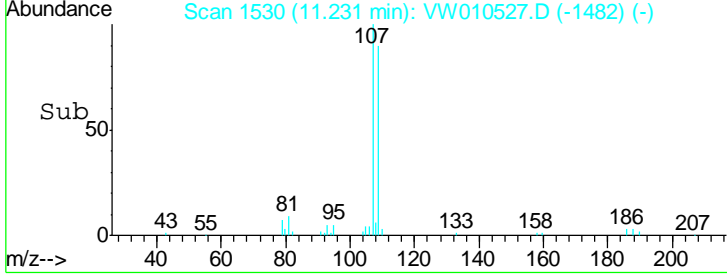
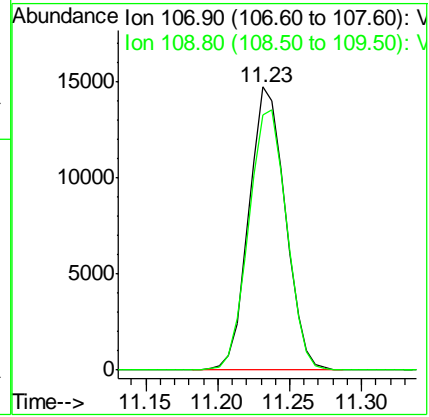
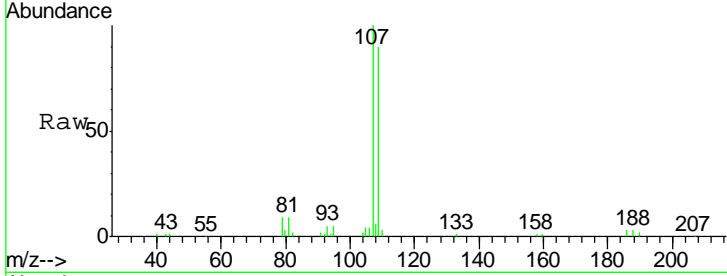


#61  
 1,2-Dibromoethane  
 Concen: 19.098 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

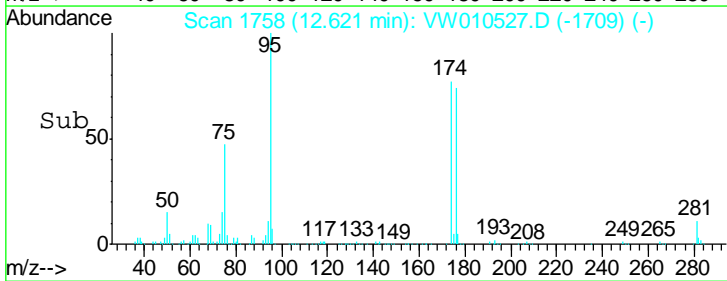
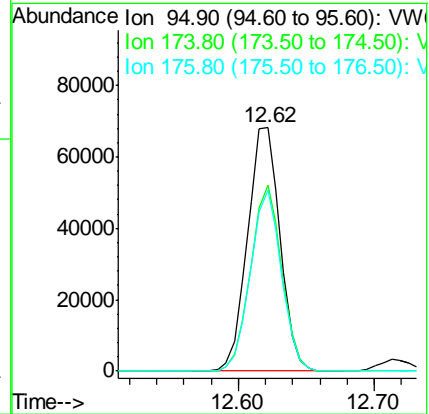
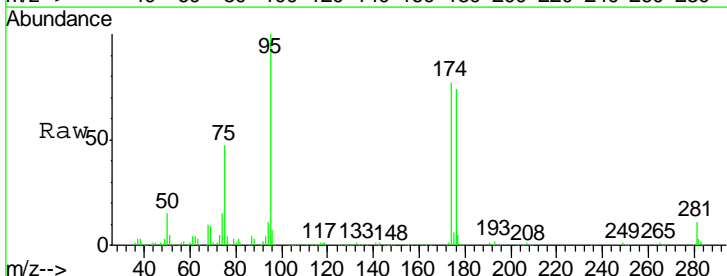
Tgt Ion	Resp	Lower	Upper
107	100		
109	95.3	75.0	112.4

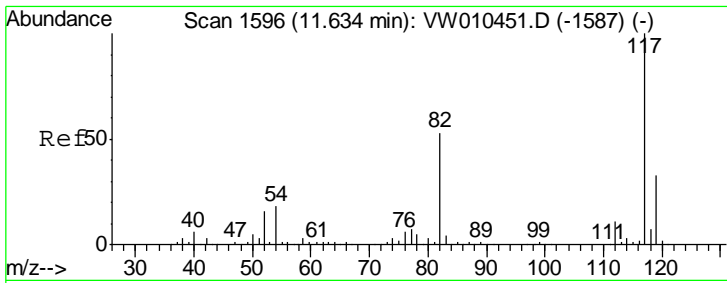
Manual Integrations  
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#62  
 4-Bromofluorobenzene  
 Concen: 48.097 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
95	100		
174	73.2	0.0	148.6
176	70.9	0.0	144.2



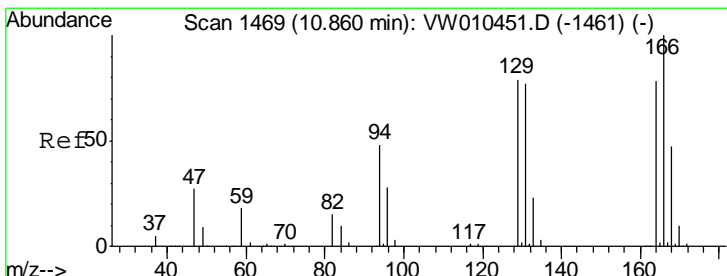
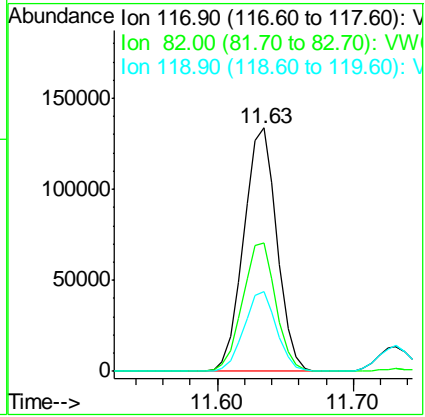
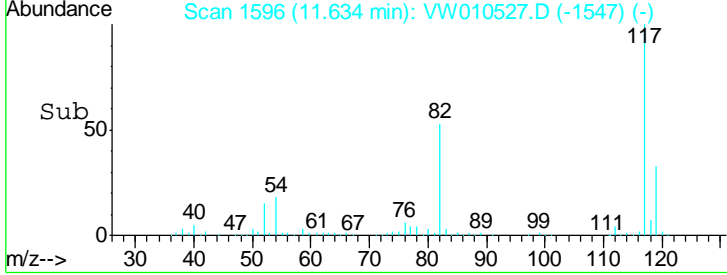
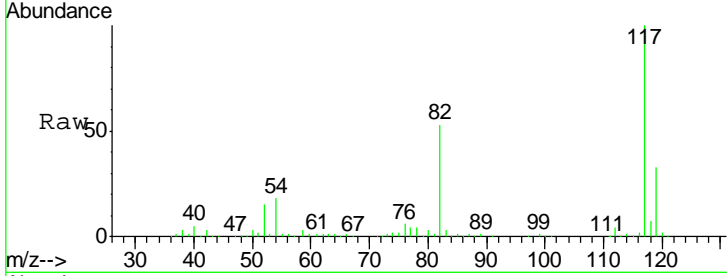


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0523SBSD01

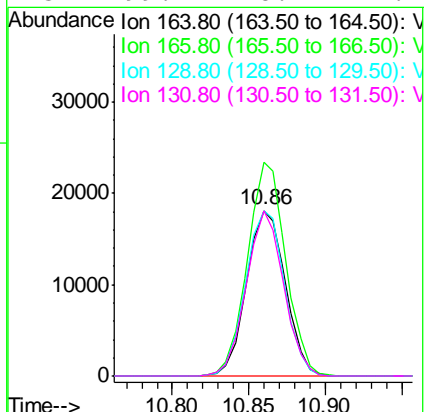
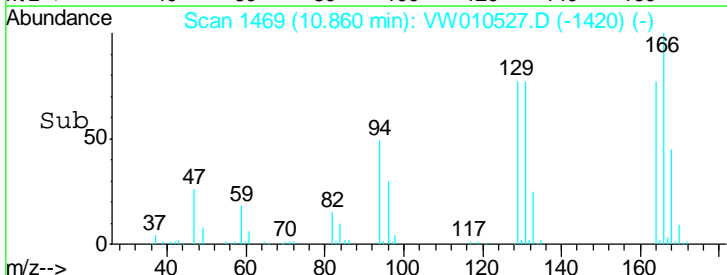
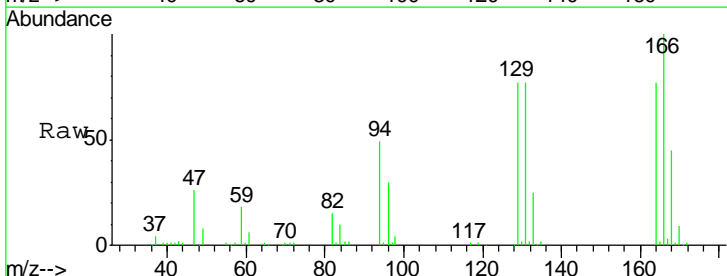
Tgt Ion	Resp	Lower	Upper
117	227811		
82	52.7	42.8	64.2
119	33.0	26.3	39.5

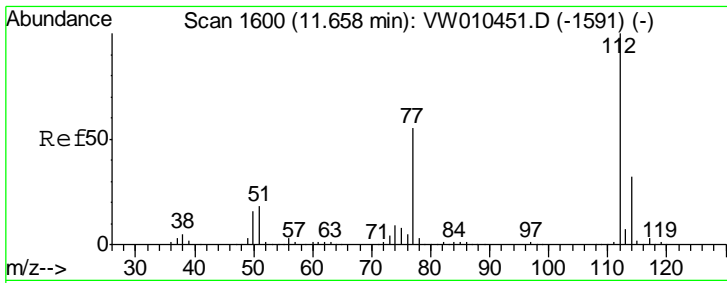
Manual Integrations  
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#64  
 Tetrachloroethene  
 Concen: 20.126 ug/l  
 RT: 10.86 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
164	31962		
166	129.1	101.9	152.9
129	99.5	80.6	121.0
131	99.7	78.2	117.2



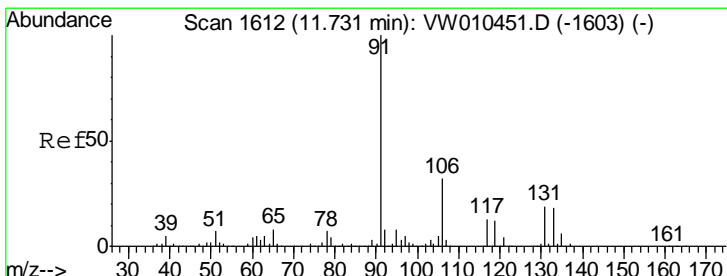
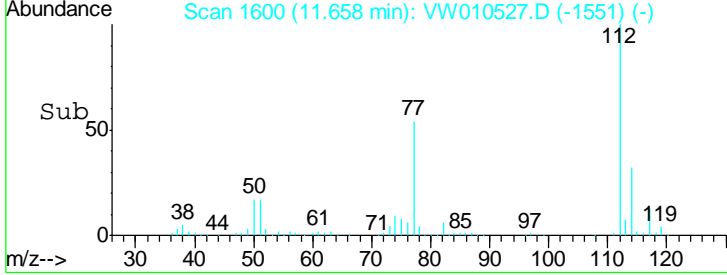
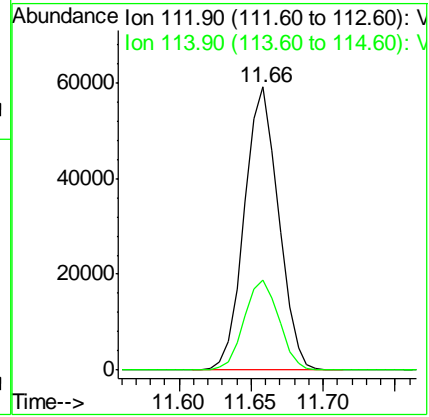
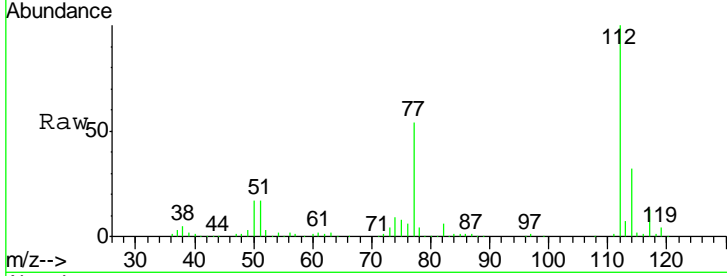


#65  
 Chlorobenzene  
 Concen: 19.983 ug/l  
 RT: 11.66 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

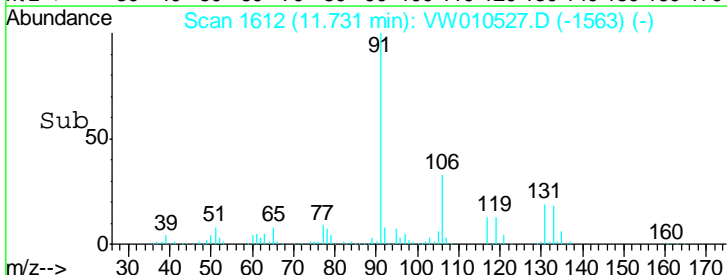
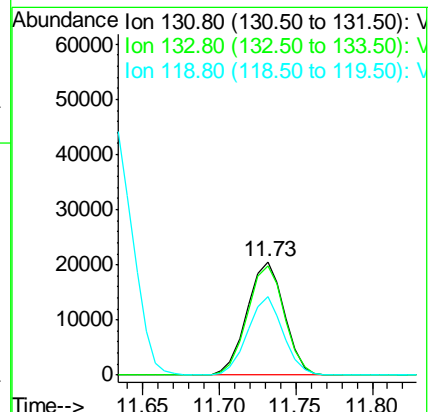
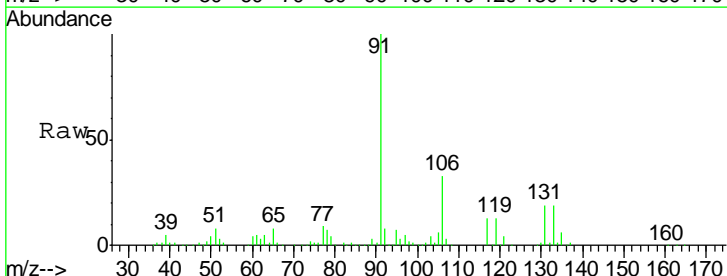
Tgt Ion	Resp	Lower	Upper
112	100		
114	31.9	25.3	37.9

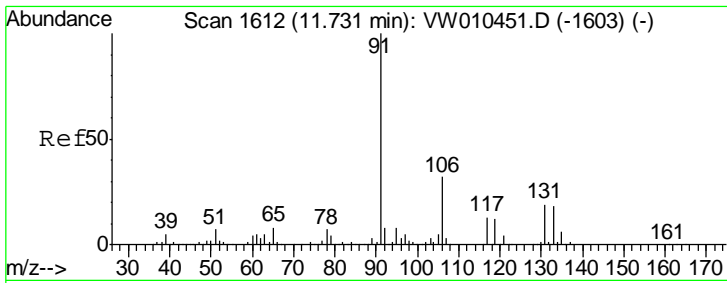
Manual Integrations  
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 19.956 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
131	100		
133	96.6	47.3	141.9
119	65.9	32.1	96.5





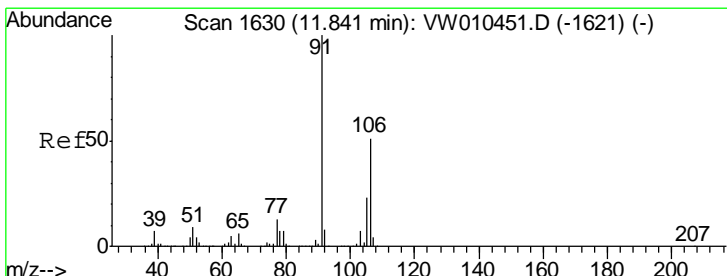
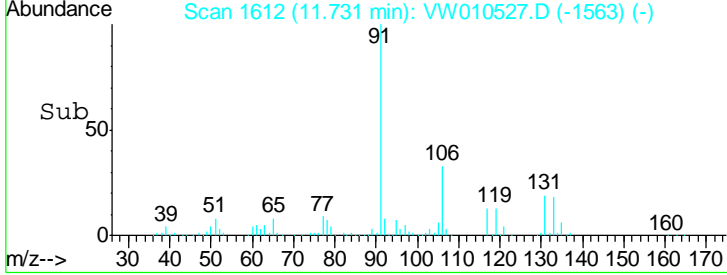
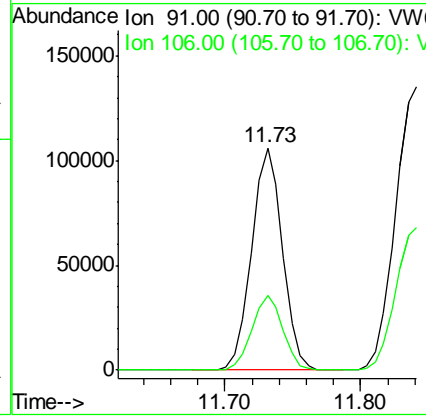
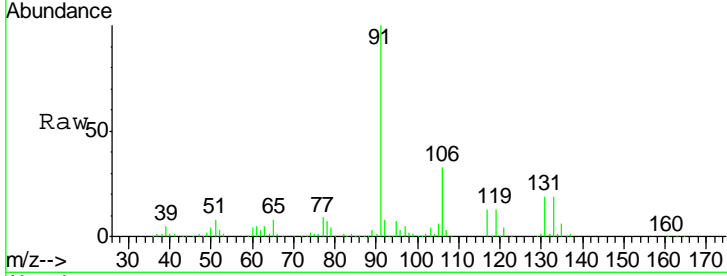
#67  
Ethyl Benzene  
Concen: 19.648 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW010527.D  
Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
91	168419		
106	33.4	25.9	38.9

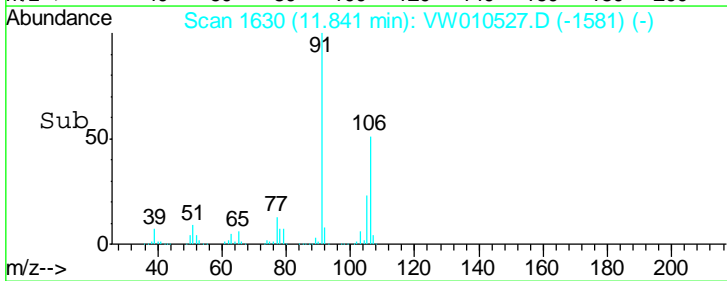
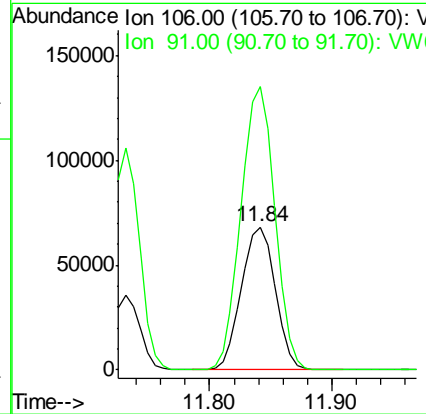
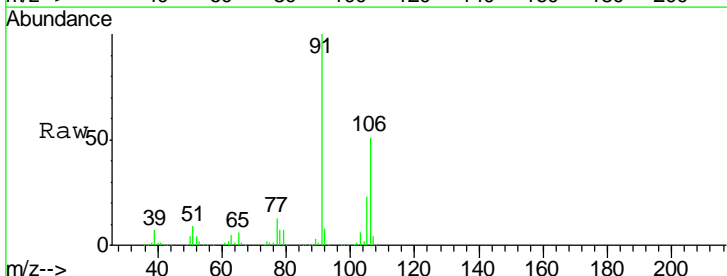
Manual Integrations  
APPROVED

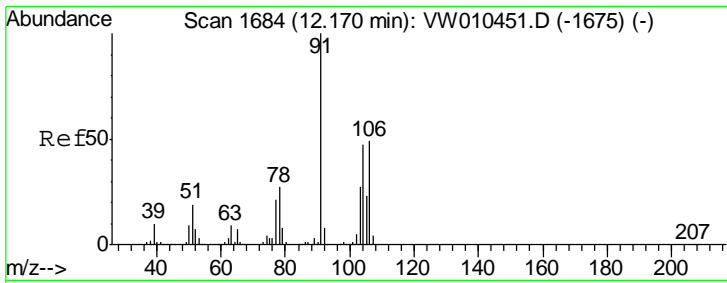
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#68  
m/p-Xylenes  
Concen: 39.121 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW010527.D  
Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
106	131535		
91	197.8	156.0	234.0





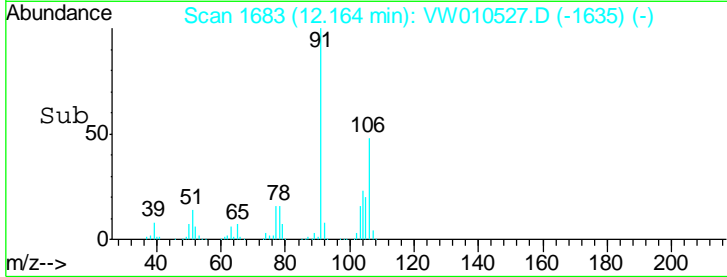
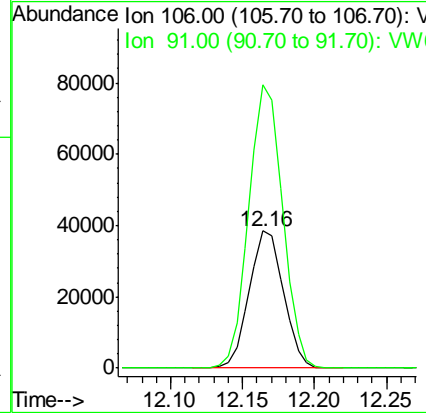
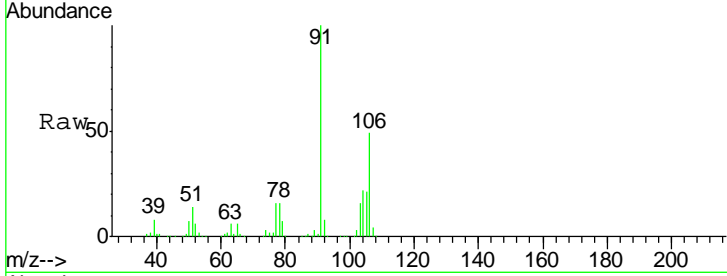
#69  
 o-Xylene  
 Concen: 19.844 ug/l  
 RT: 12.16 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
106	63215		
106	100		
91	204.6	103.2	309.4

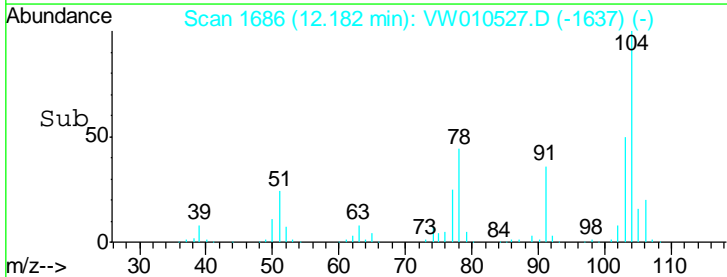
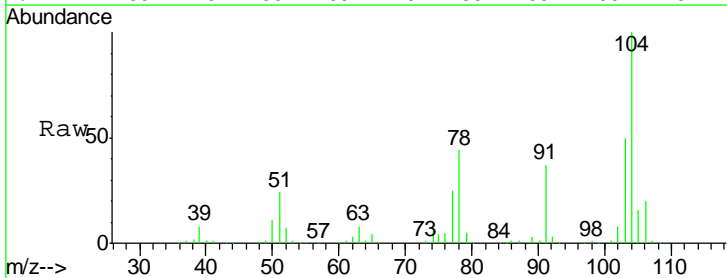
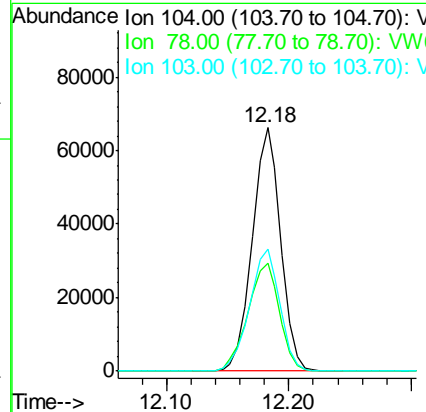
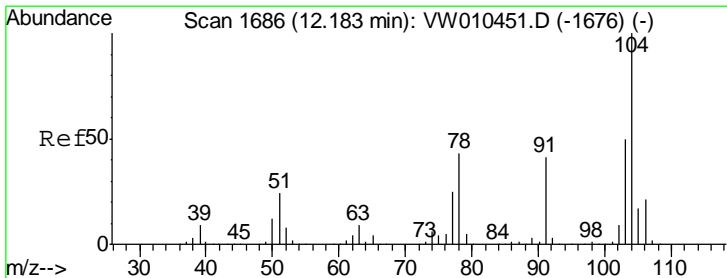
**Manual Integrations**  
**APPROVED**

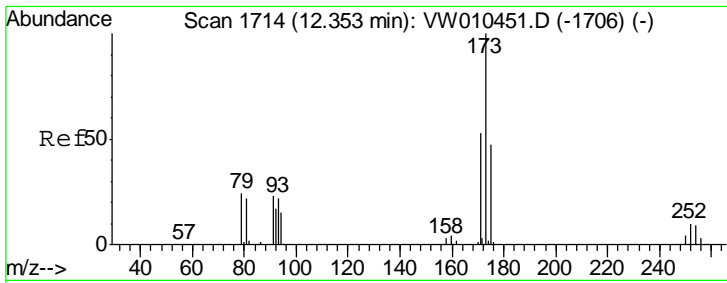
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#70  
 Styrene  
 Concen: 19.785 ug/l  
 RT: 12.18 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
104	106936		
104	100		
78	49.1	39.0	58.4
103	53.5	43.0	64.6





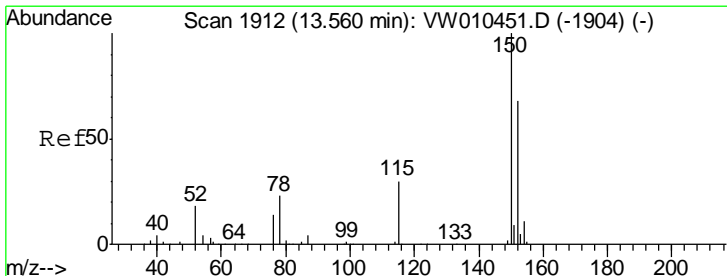
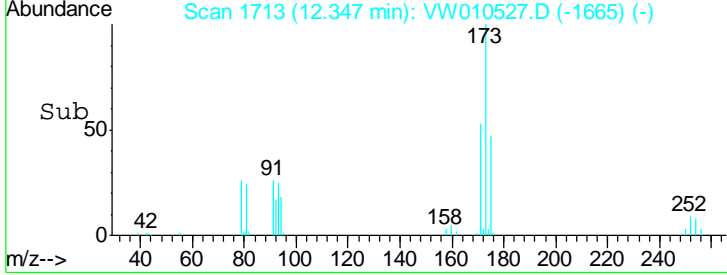
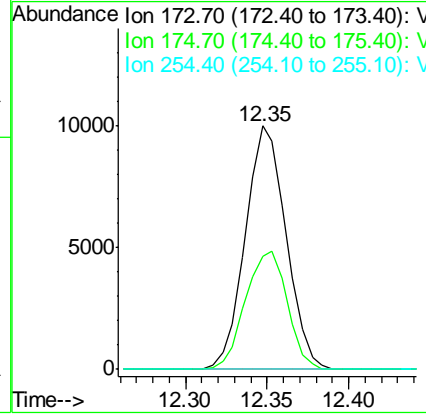
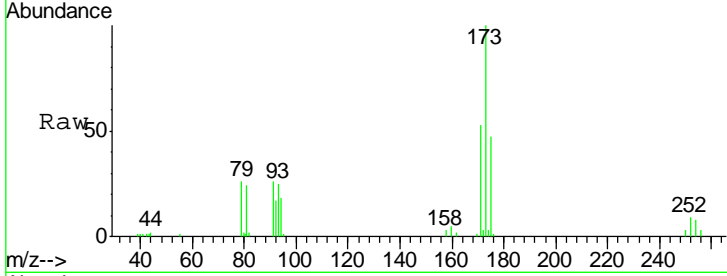
#71  
 Bromoform  
 Concen: 18.085 ug/l  
 RT: 12.35 min Scan# 1713  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
173	17321		
173	100		
175	49.7	24.4	73.4
254	0.0	0.0	0.0

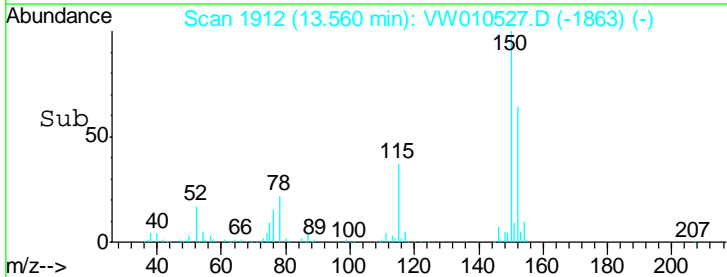
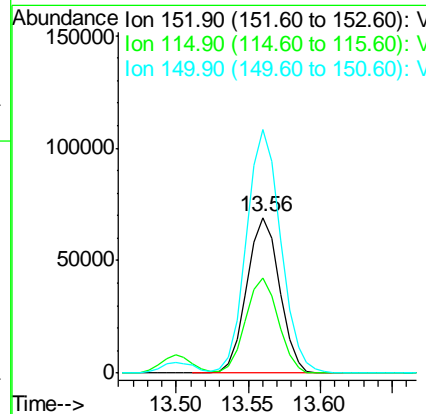
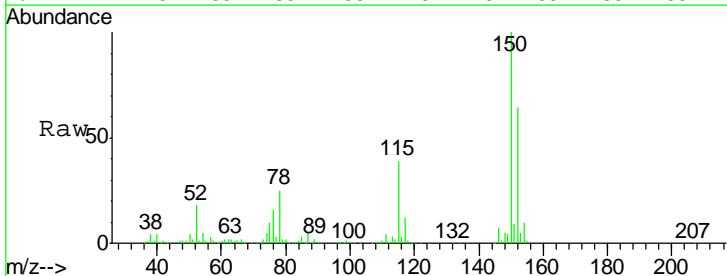
**Manual Integrations**  
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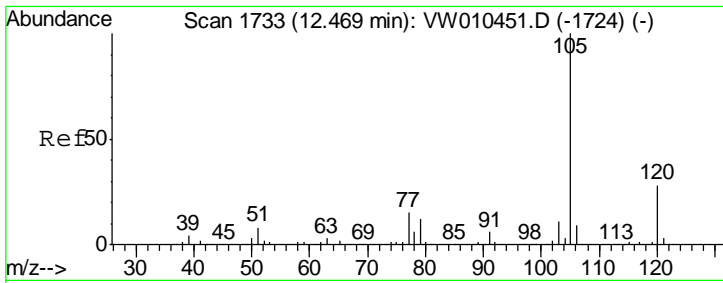


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.56 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
152	109078		
152	100		
115	61.1	30.3	91.0
150	163.2	0.0	349.8





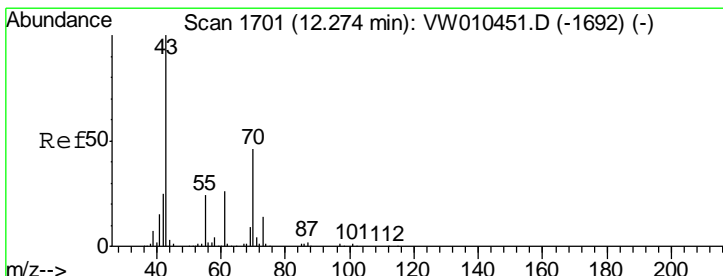
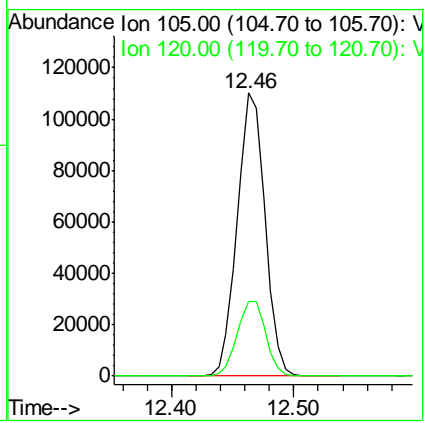
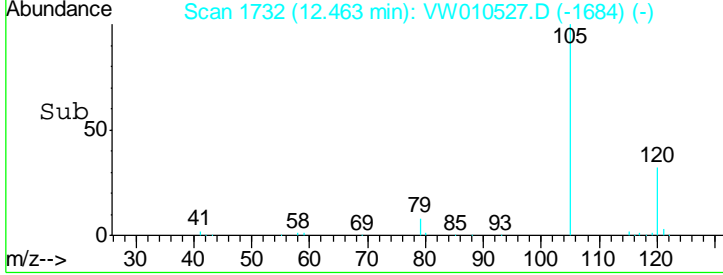
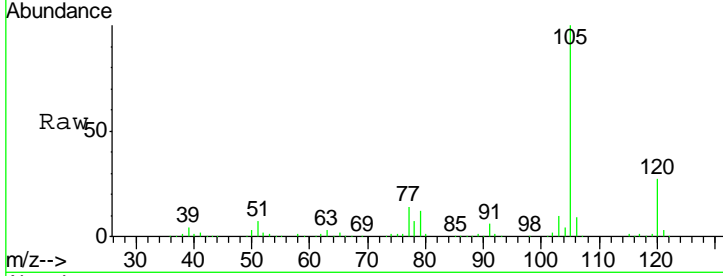


#73  
 Isopropylbenzene  
 Concen: 19.993 ug/l  
 RT: 12.46 min Scan# 1732  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

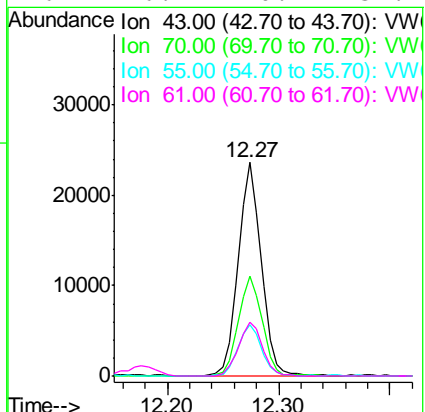
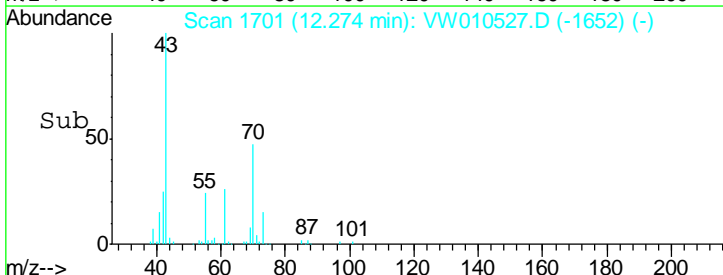
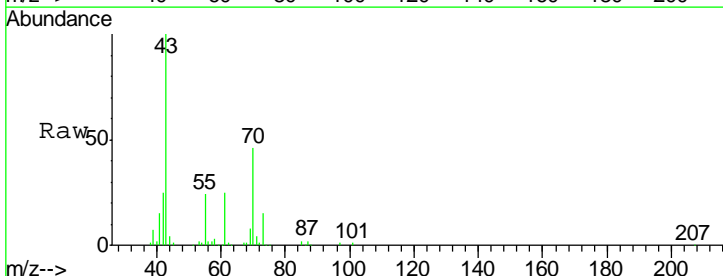
Tgt Ion: 105 Resp: 173055  
 Ion Ratio Lower Upper  
 105 100  
 120 27.4 13.9 41.7

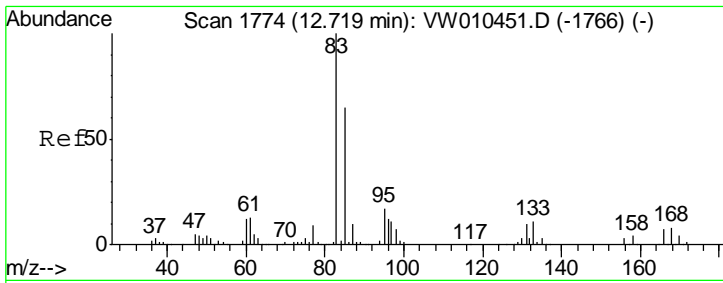
Manual Integrations  
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#74  
 N-nyl acetate  
 Concen: 17.104 ug/l  
 RT: 12.27 min Scan# 1701  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion: 43 Resp: 33926  
 Ion Ratio Lower Upper  
 43 100  
 70 48.1 37.1 55.7  
 55 24.9 19.6 29.4  
 61 26.1 20.7 31.1



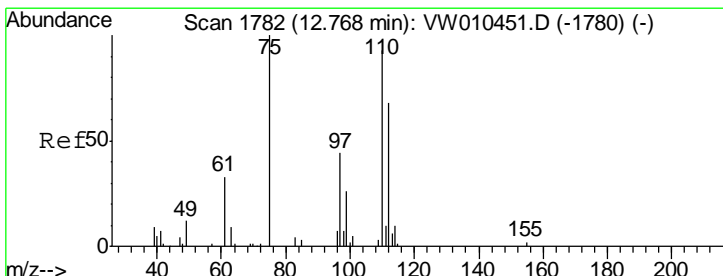
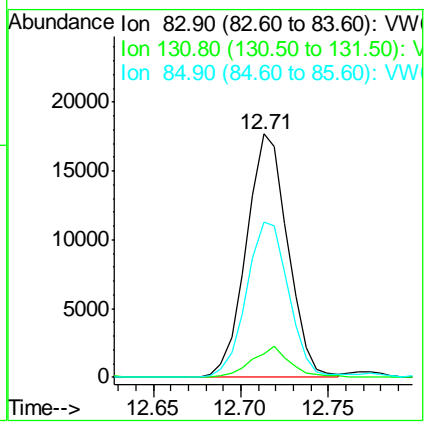
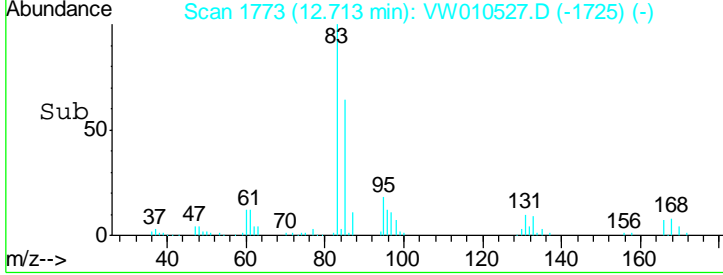
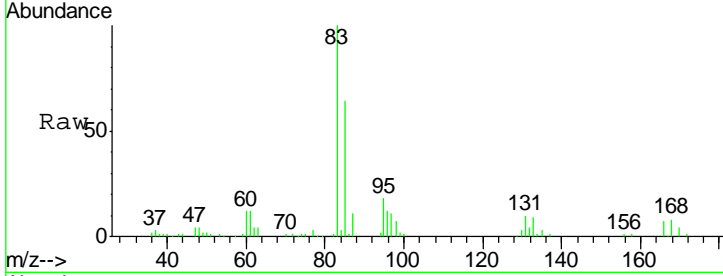


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.507 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 Client Sampled : VW0523SBSD01

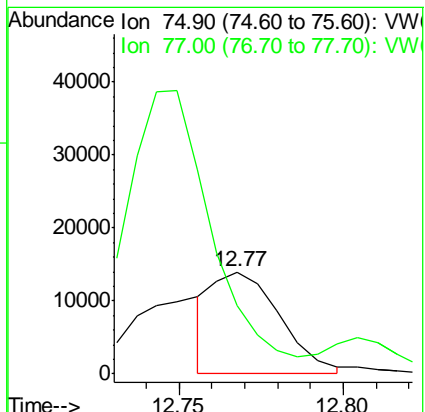
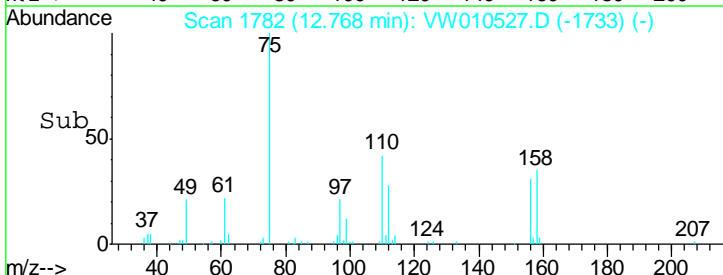
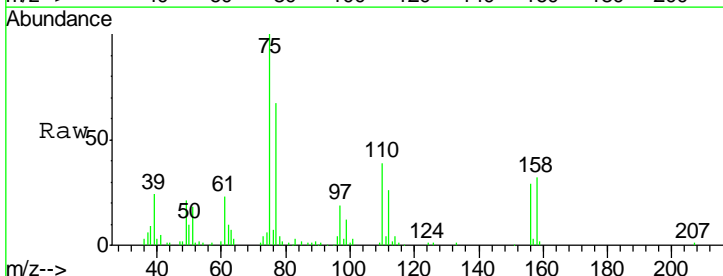
Tgt Ion	Resp	Lower	Upper
83	29137		
83	100		
131	11.8	5.6	16.8
85	64.9	32.4	97.0

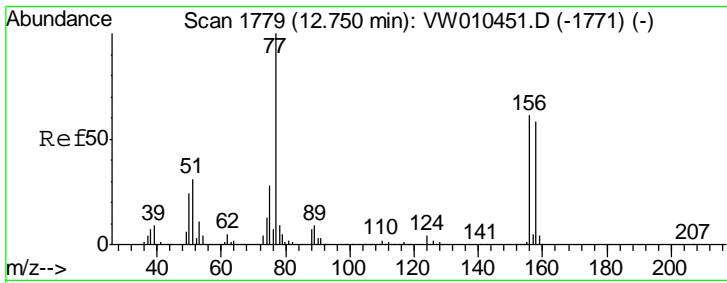
Manual Integrations  
**APPROVED**  
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#76  
 1,2,3-Trichloropropane  
 Concen: 18.119 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
75	20062		
75	100		
77	358.5	170.0	510.1





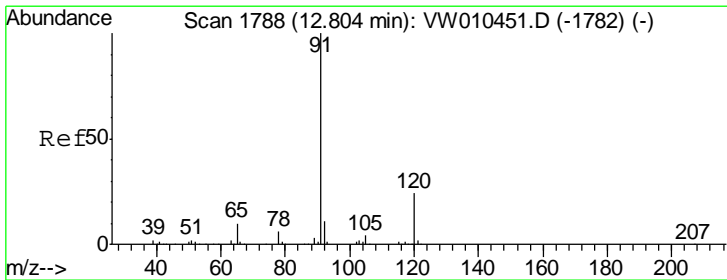
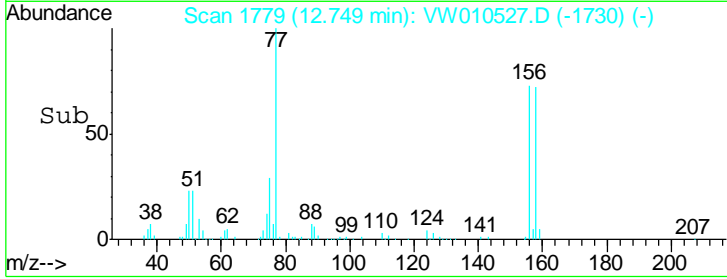
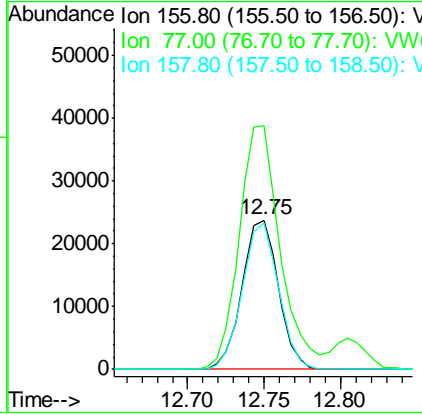
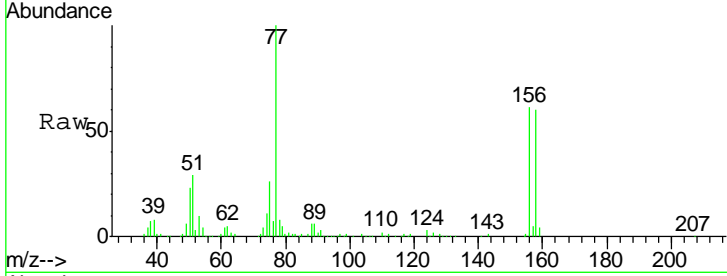
#77  
 Bromobenzene  
 Concen: 20.326 ug/l  
 RT: 12.75 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
156	39371		
77	182.7	92.4	277.2
158	97.7	48.3	144.8

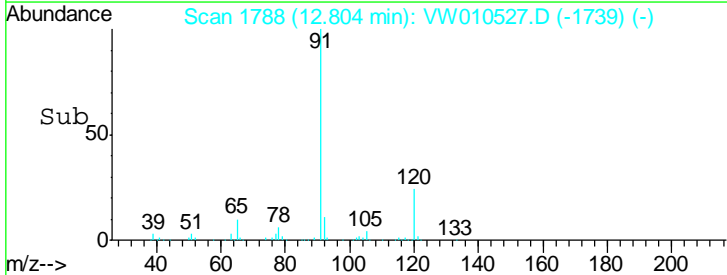
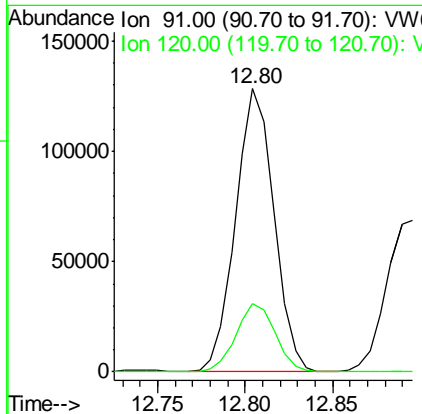
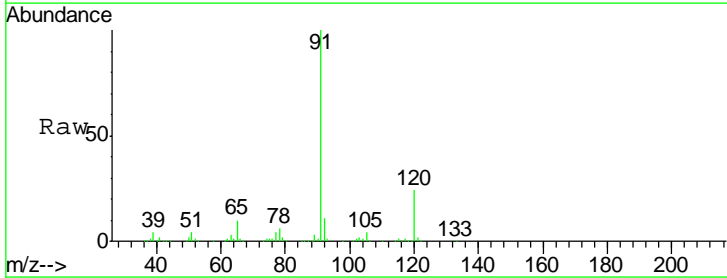
Manual Integrations  
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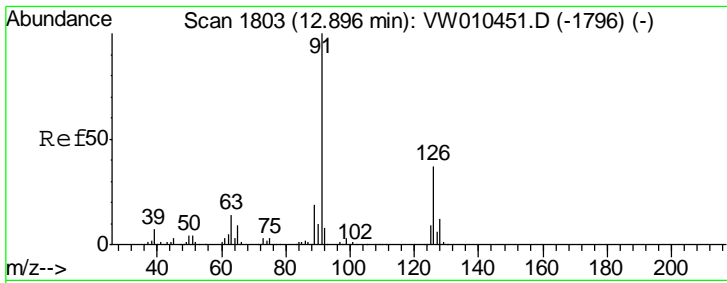
MMDadoda  
 5/24/2019 10:44:20 PM



#78  
 n-propylbenzene  
 Concen: 19.409 ug/l  
 RT: 12.80 min Scan# 1788  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
91	195780		
120	24.7	12.3	36.8





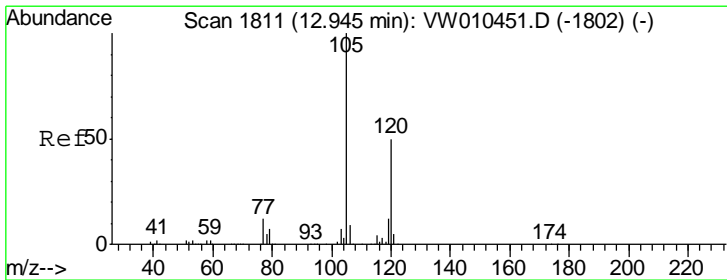
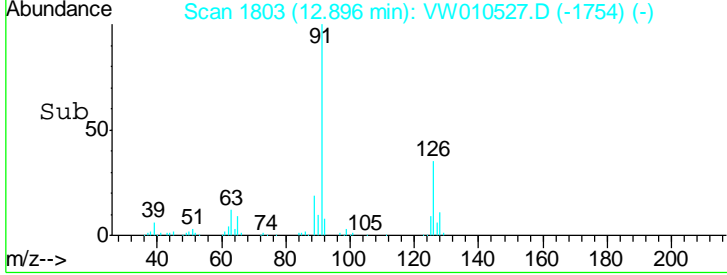
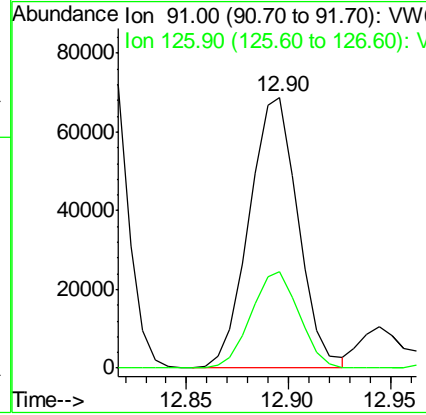
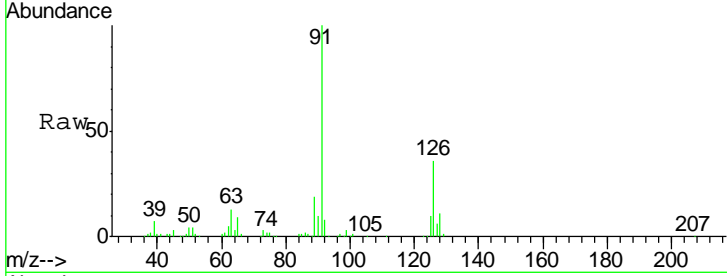
#79  
 2-Chlorotoluene  
 Concen: 19.627 ug/l  
 RT: 12.90 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 Client Sampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
91	114812		
126	35.0	17.4	52.3

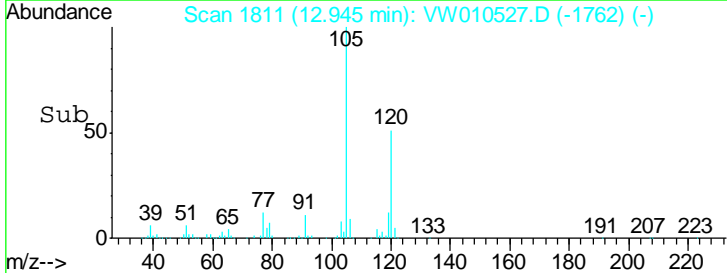
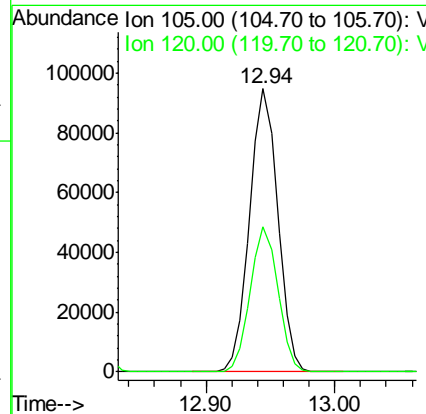
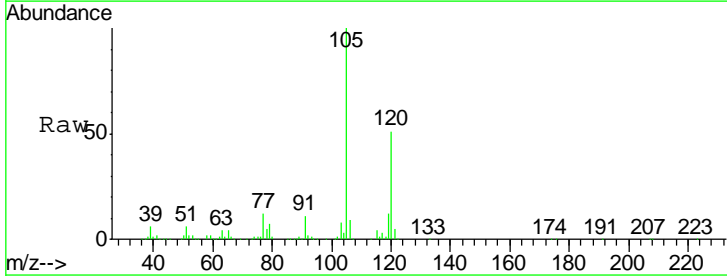
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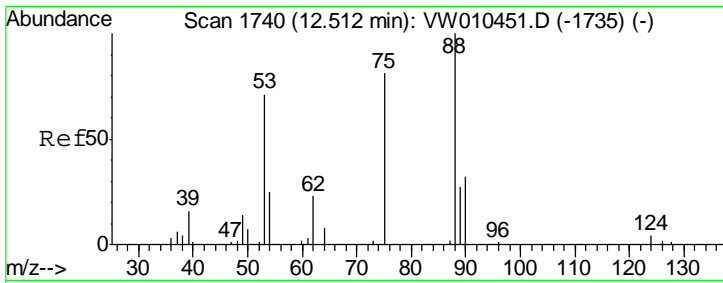
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.508 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
105	143013		
120	50.6	25.2	75.6





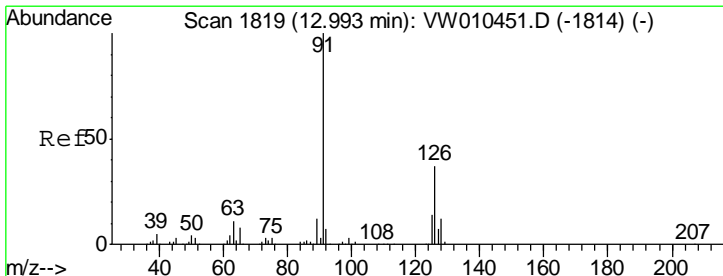
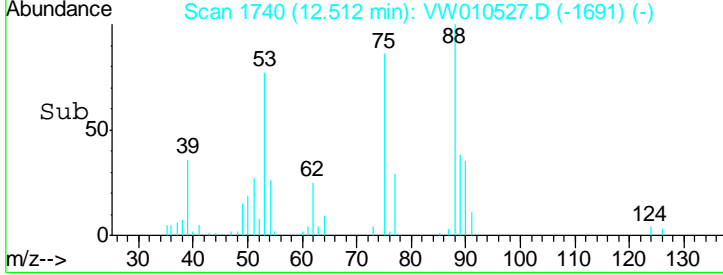
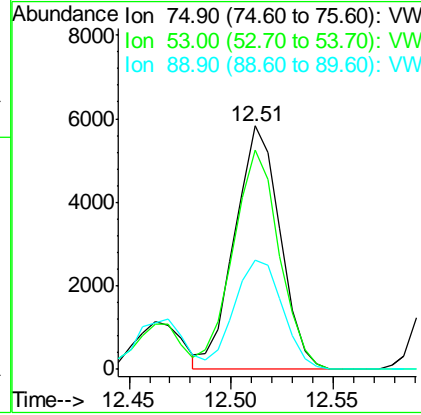
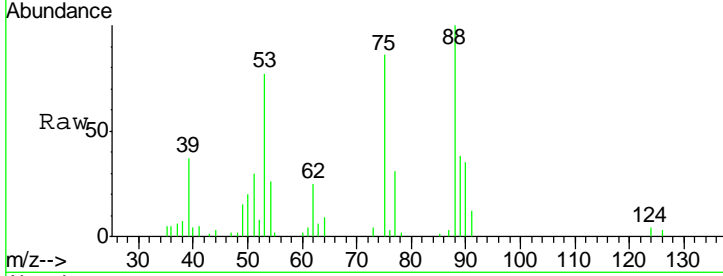
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 16.980 ug/l  
 RT: 12.51 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
75	100		
53	92.2	69.8	104.8
89	47.5	39.5	59.3

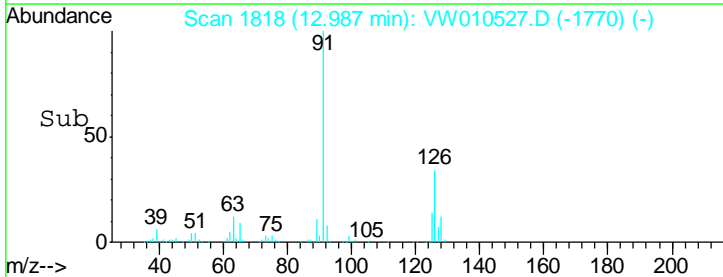
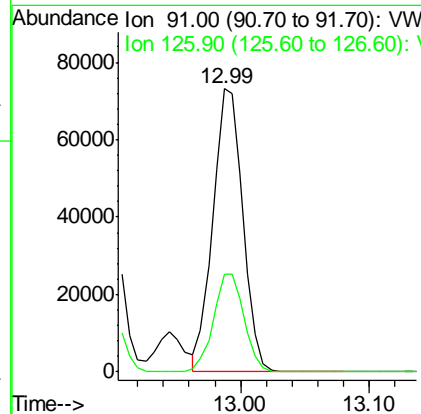
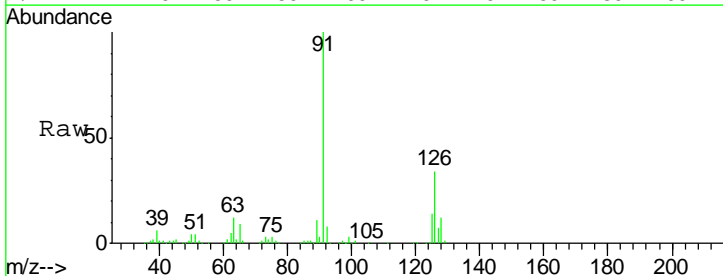
**Manual Integrations**  
**APPROVED**

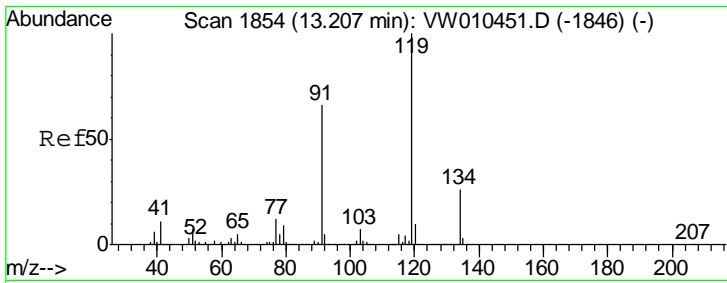
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#82  
 4-Chlorotoluene  
 Concen: 19.620 ug/l  
 RT: 12.99 min Scan# 1818  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
91	100		
126	35.4	17.5	52.6





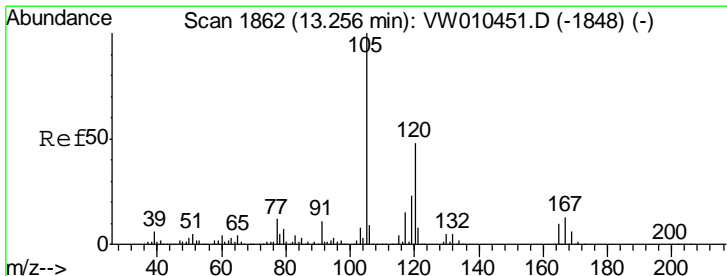
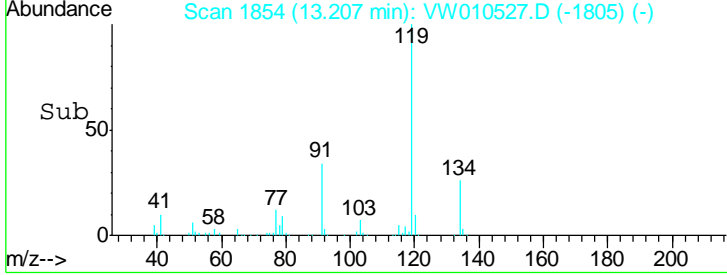
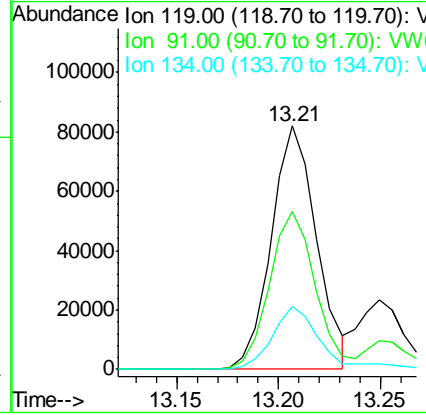
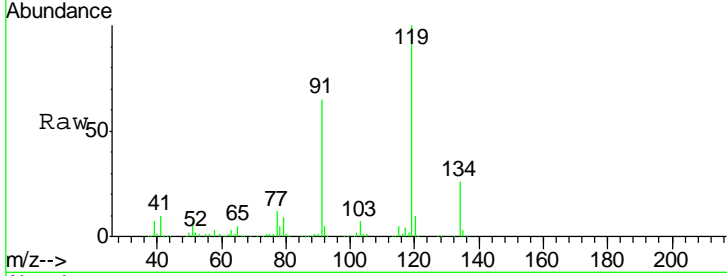
#83  
 tert-Butylbenzene  
 Concen: 19.735 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
119	126374		
91	66.1	33.1	99.5
134	27.6	13.9	41.6

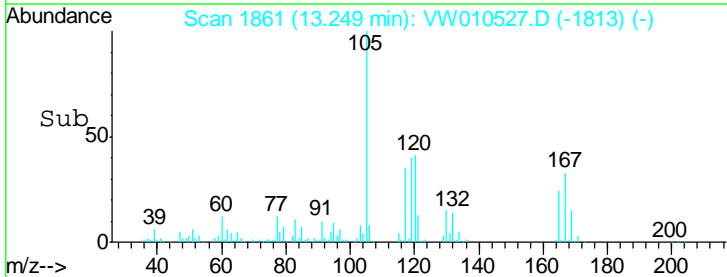
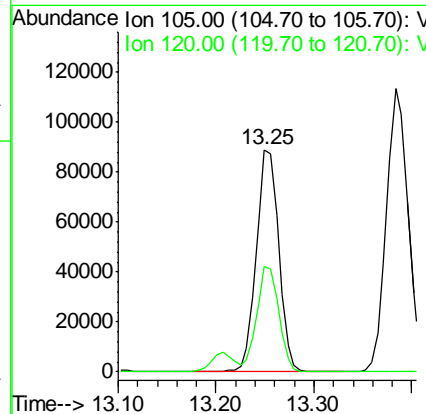
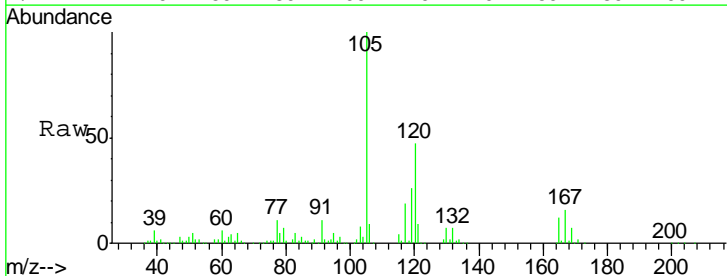
**Manual Integrations**  
**APPROVED**

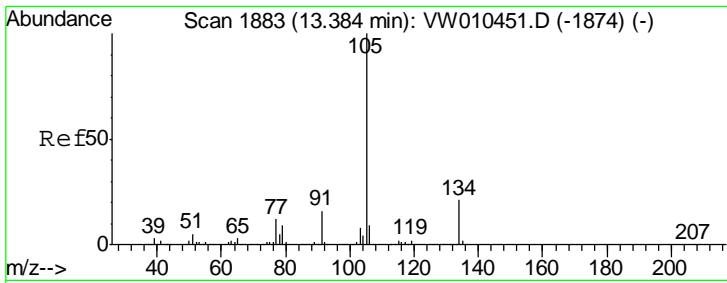
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.559 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
105	142808		
120	46.5	23.4	70.2





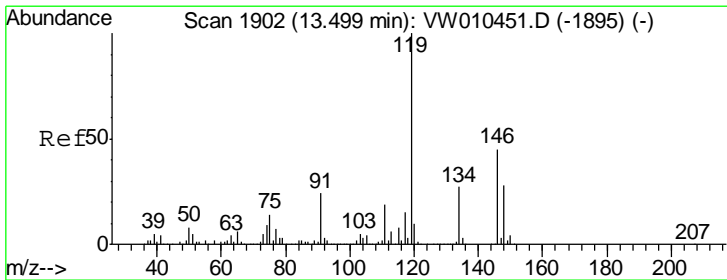
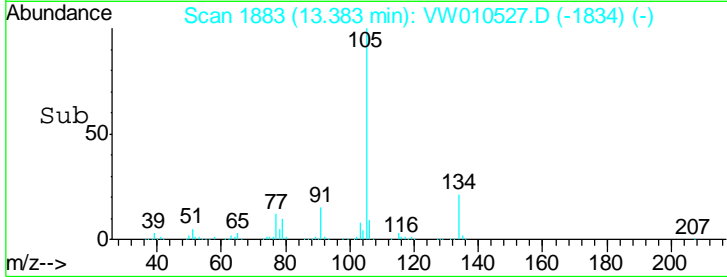
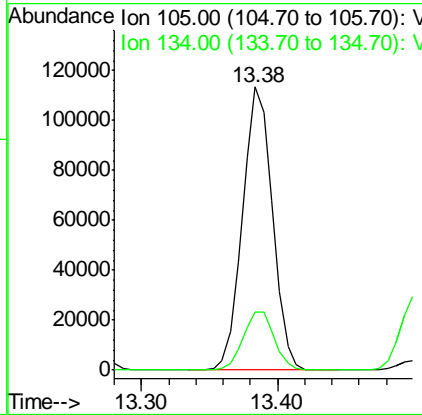
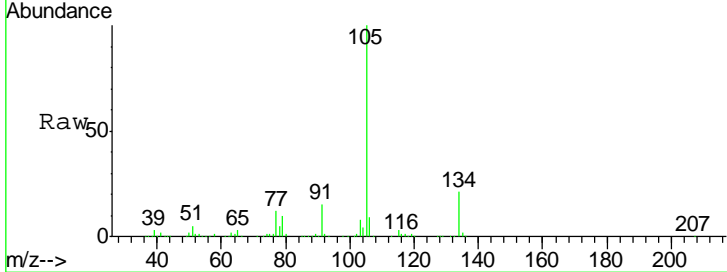
#85  
 sec-Butylbenzene  
 Concen: 19.461 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
105	174394		
134	21.5	10.5	31.6

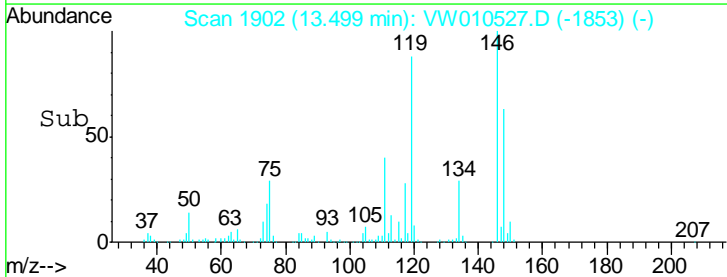
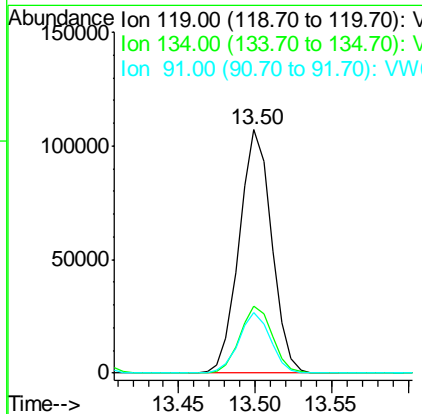
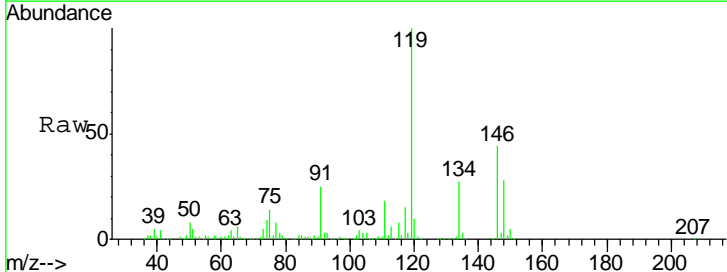
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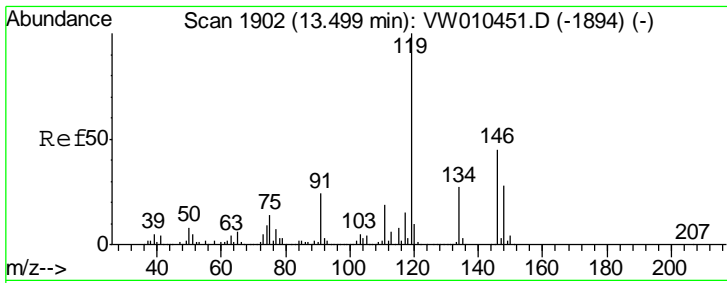
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#86  
 p-Isopropyltoluene  
 Concen: 19.371 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
119	157124		
134	27.6	13.6	40.7
91	24.5	11.9	35.7





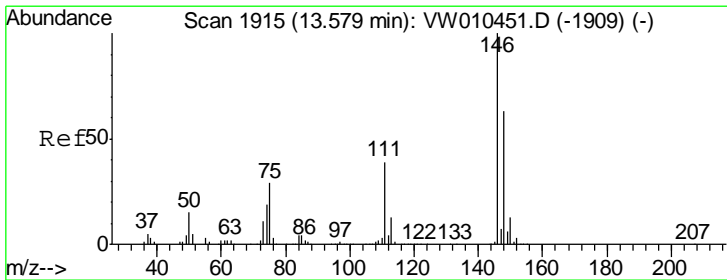
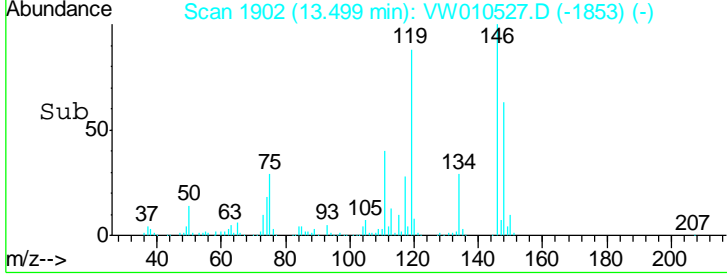
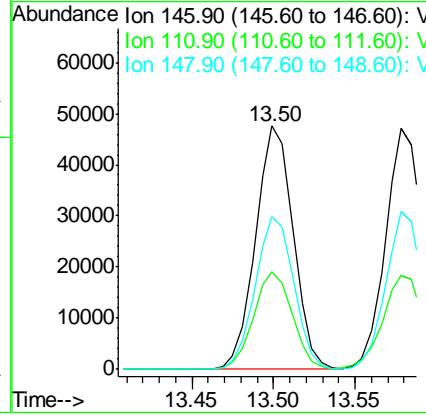
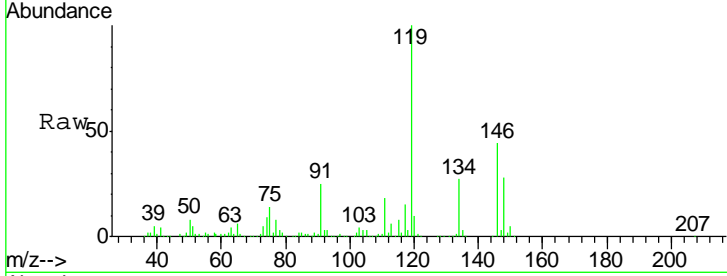
#87  
 1,3-Dichlorobenzene  
 Concen: 20.127 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 Client Sampled : VW0523SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.9
148	64.1	31.6	94.8

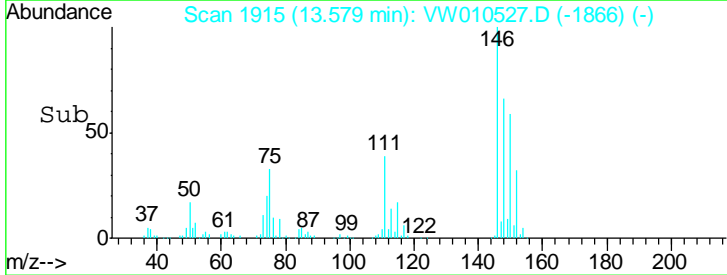
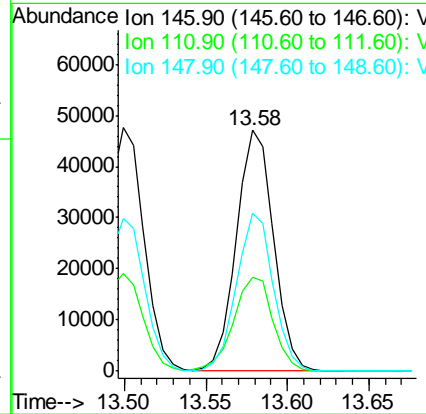
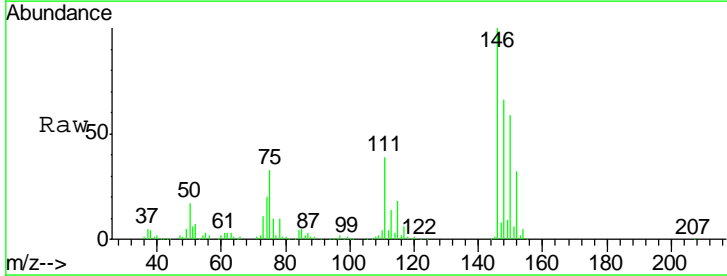
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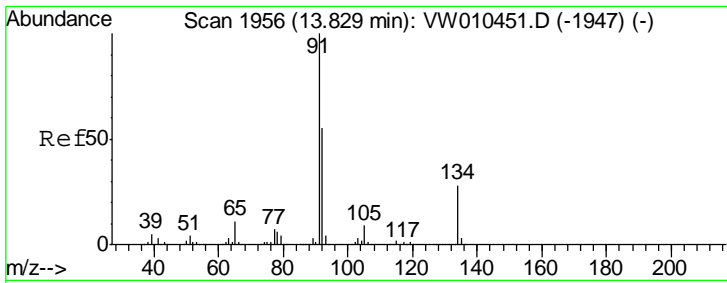


#88  
 1,4-Dichlorobenzene  
 Concen: 19.609 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.9	59.6
148	65.0	31.6	94.8







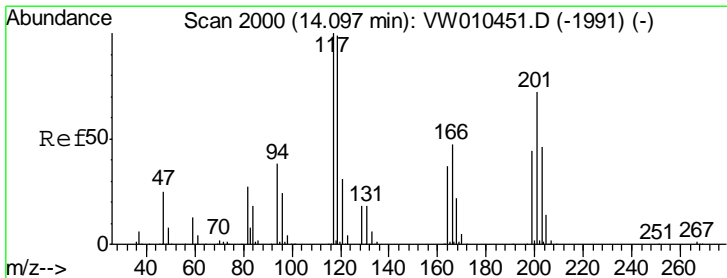
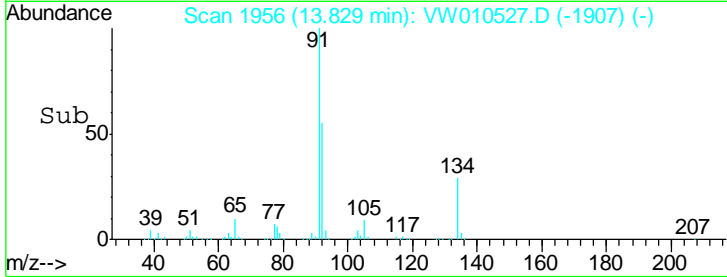
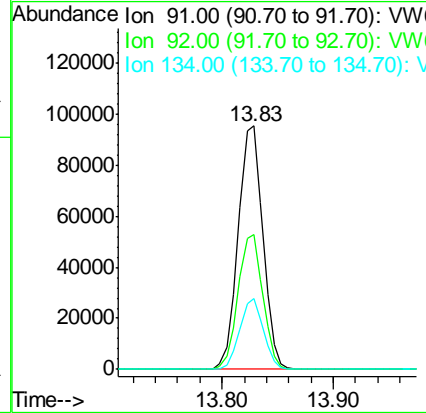
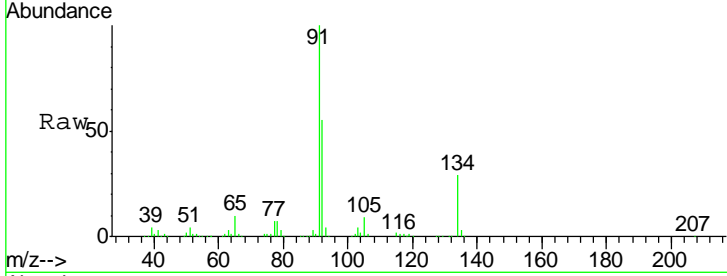
#89  
 n-Butylbenzene  
 Concen: 18.975 ug/l  
 RT: 13.83 min Scan# 1956  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
91	100		
92	55.5	27.7	83.1
134	28.1	13.9	41.6

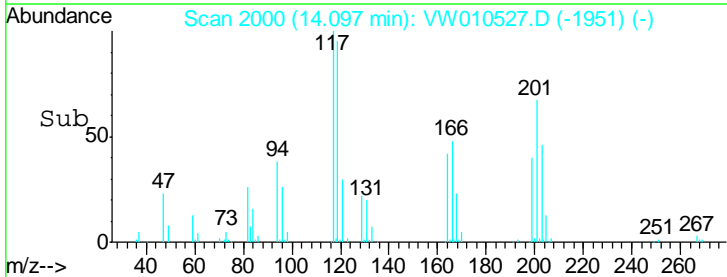
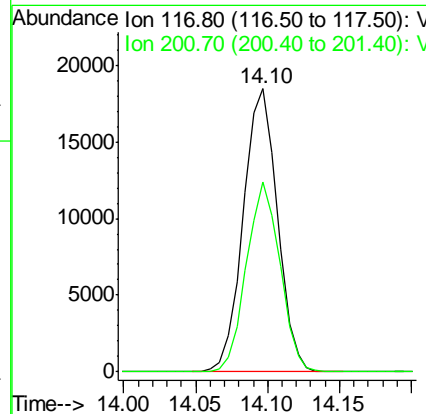
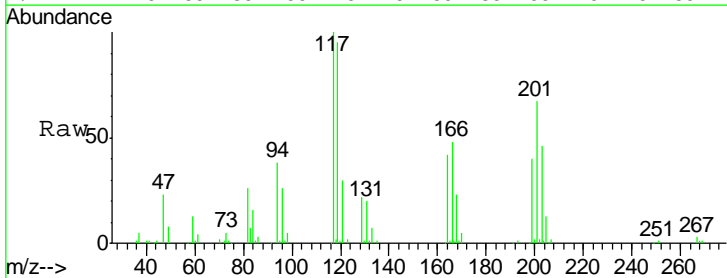
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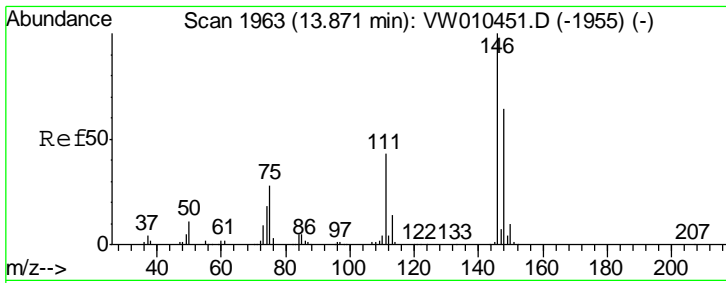
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#90  
 Hexachloroethane  
 Concen: 19.355 ug/l  
 RT: 14.10 min Scan# 2000  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
117	100		
201	65.7	34.6	103.8





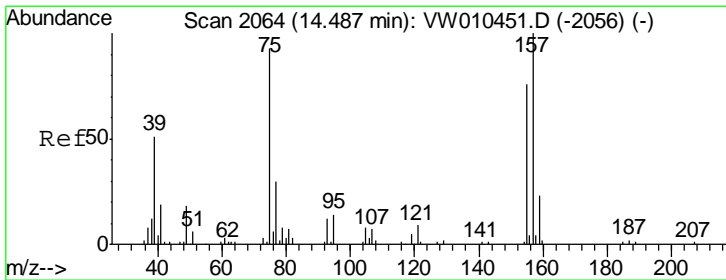
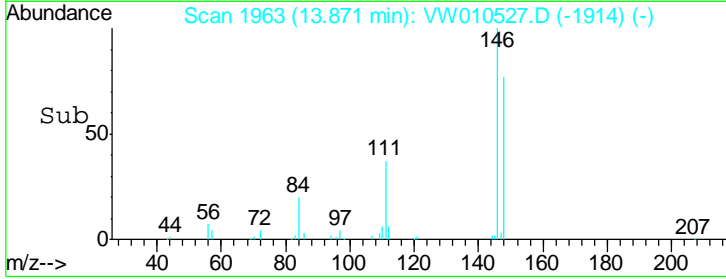
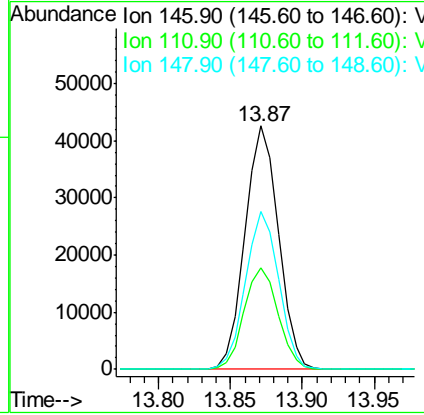
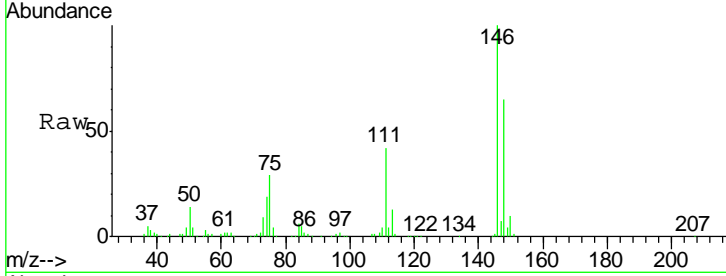
#91  
 1,2-Dichlorobenzene  
 Concen: 19.779 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
146	68488		
111	42.5	21.3	64.0
148	64.2	32.0	96.0

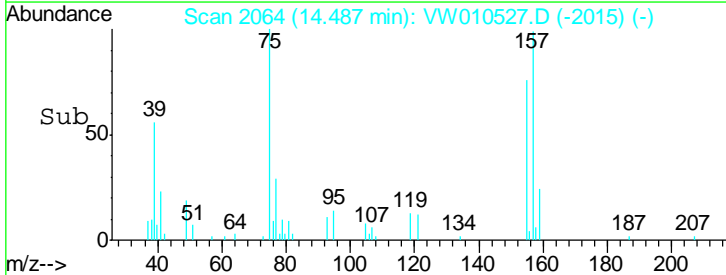
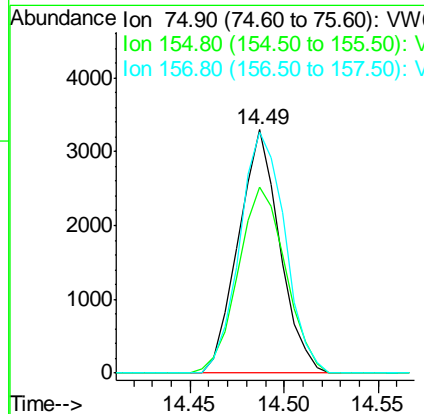
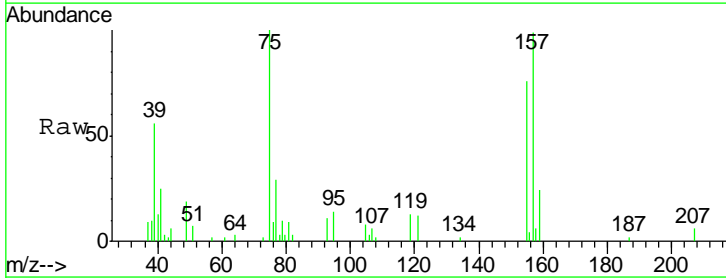
Manual Integrations  
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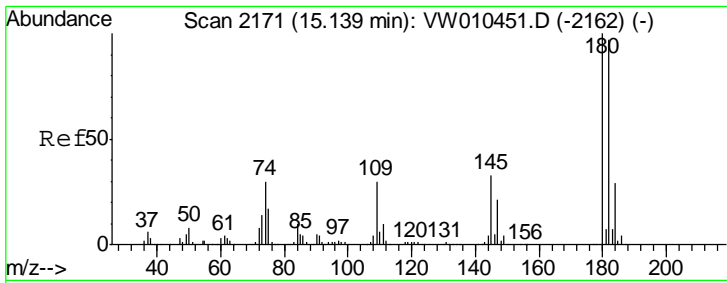
MMDadoda  
 5/24/2019 10:44:20 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.066 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

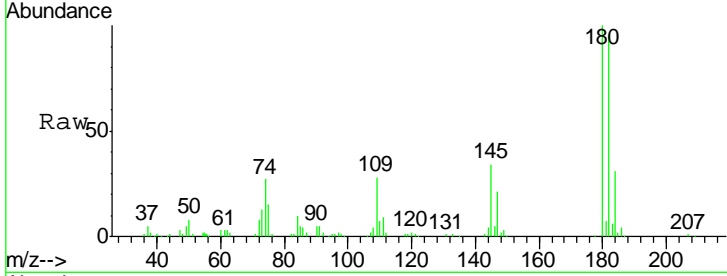
Tgt Ion	Resp	Lower	Upper
75	4996		
155	87.8	43.0	129.0
157	108.4	55.7	167.1





#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.735 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

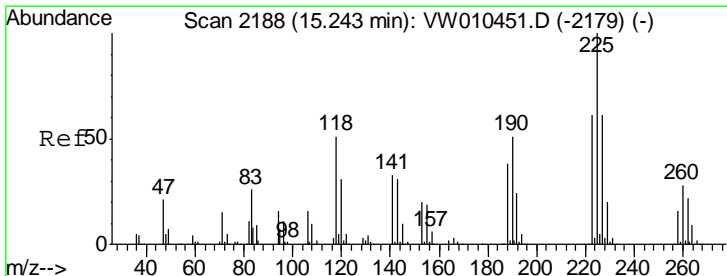
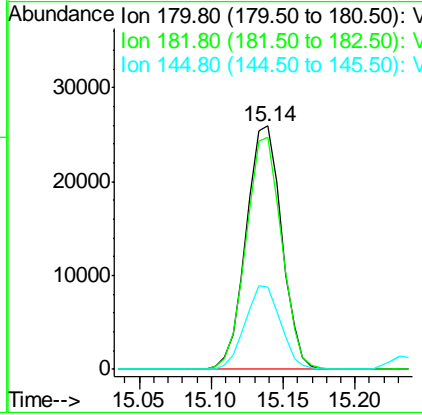
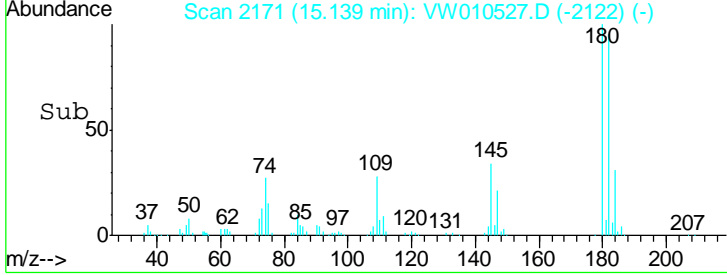
Instrument : MSVOA\_W  
 Client Sampled : VW0523SBSD01



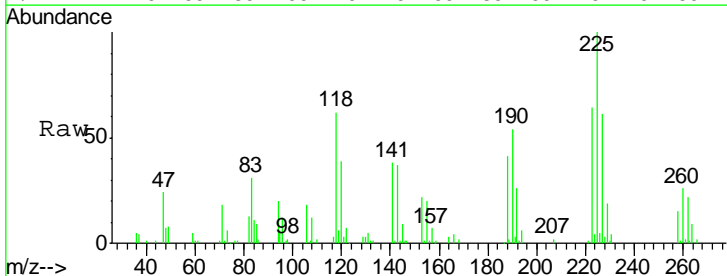
Tgt Ion: 180 Resp: 44138

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	34.2	16.7	50.0

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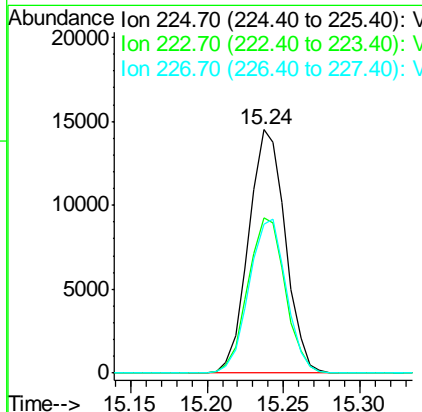
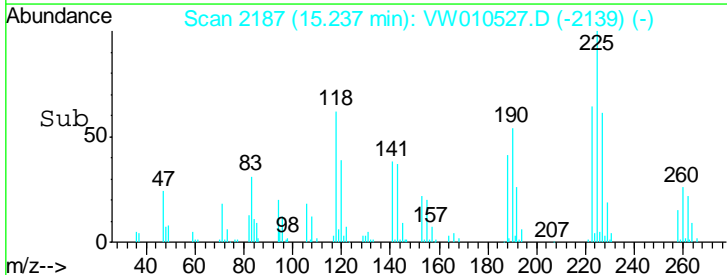


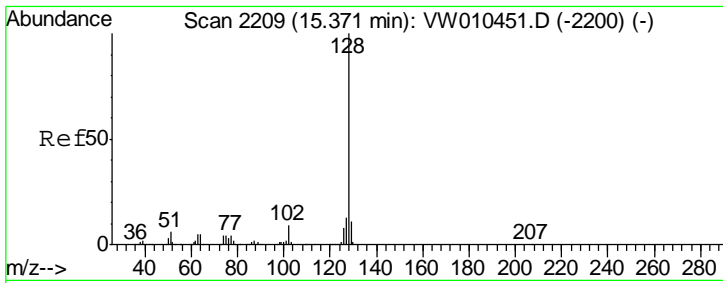
#94  
 Hexachlorobutadiene  
 Concen: 19.288 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.01 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59



Tgt Ion: 225 Resp: 24276

Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.1	93.2
227	63.9	31.1	93.5





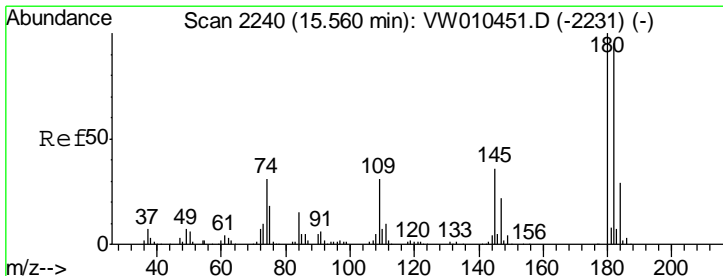
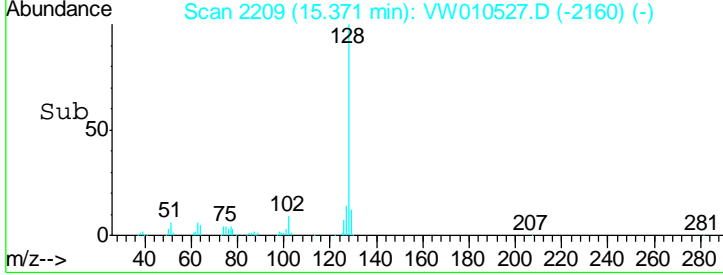
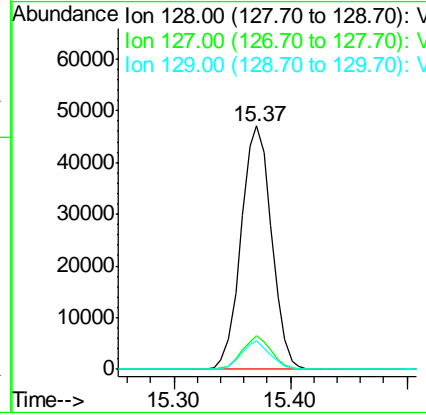
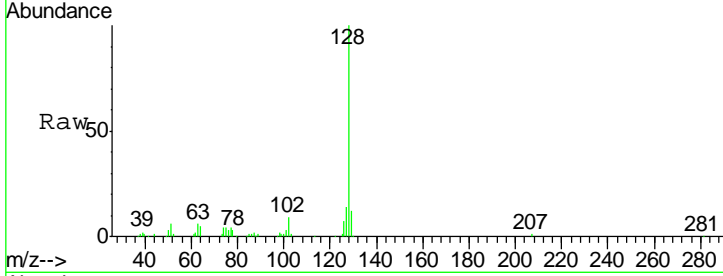
#95  
 Naphthalene  
 Concen: 17.401 ug/l  
 RT: 15.37 min Scan# 2209  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Instrument : MSVOA\_W  
 ClientSampled : VW0523SBSD01

Tgt Ion	Resp	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.9	13.3

Manual Integrations  
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#96  
 1,2,3-Trichlorobenzene  
 Concen: 18.609 ug/l  
 RT: 15.56 min Scan# 2240  
 Delta R.T. -0.00 min  
 Lab File: VW010527.D  
 Acq: 23 May 2019 13:59

Tgt Ion	Resp	Lower	Upper
180	100		
182	97.5	47.1	141.3
145	36.3	17.4	52.3

