

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\  
 Data File : VW010772.D  
 Acq On : 12 Jun 2019 10:59  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/13/2019 11:31:51 AM

Quant Time: Jun 13 07:42:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060419S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 05 03:21:19 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159099	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	149820	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
35) Dibromofluoromethane	7.88	113	122048	59.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.56%	
50) Toluene-d8	10.32	98	510378	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
62) 4-Bromofluorobenzene	12.62	95	185391	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	105617	48.577	ug/l	100
3) Chloromethane	2.22	50	167696	52.424	ug/l	100
4) Vinyl Chloride	2.36	62	152159	51.484	ug/l	99
5) Bromomethane	2.76	94	84212	51.887	ug/l	97
6) Chloroethane	2.91	64	92256	52.004	ug/l	99
7) Trichlorofluoromethane	3.26	101	205071	53.453	ug/l	100
8) Diethyl Ether	3.68	74	67519	49.247	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	123251	52.254	ug/l	99
10) Methyl Iodide	4.28	142	114884	47.542	ug/l	98
11) Tert butyl alcohol	5.17	59	56345	249.398	ug/l	99
12) 1,1-Dichloroethene	4.04	96	120860	53.118	ug/l	97
13) Acrolein	3.90	56	25487	276.072	ug/l	99
14) Allyl chloride	4.67	41	282389	56.287	ug/l	99
15) Acrylonitrile	5.37	53	161901	243.069	ug/l	100
16) Acetone	4.12	43	213402	287.191	ug/l	100
17) Carbon Disulfide	4.38	76	385495	53.372	ug/l	98
18) Methyl Acetate	4.67	43	75952	47.484	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	325102	49.541	ug/l	100
20) Methylene Chloride	4.92	84	134557	51.619	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	138497	53.619	ug/l	99
22) Diisopropyl ether	6.31	45	541405	53.903	ug/l	99
23) Vinyl Acetate	6.26	43	1555582	256.632	ug/l	100
24) 1,1-Dichloroethane	6.21	63	277686	55.168	ug/l	98
25) 2-Butanone	7.17	43	265207	257.391	ug/l	98
26) 2,2-Dichloropropane	7.16	77	241328	58.919	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	151962	53.460	ug/l	97
28) Bromochloromethane	7.51	49	98714	43.945	ug/l	96
29) Tetrahydrofuran	7.53	42	150655	232.459	ug/l	99
30) Chloroform	7.68	83	247843	53.832	ug/l	99
31) Cyclohexane	7.95	56	278091	49.700	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	225792	56.143	ug/l	100
36) 1,1-Dichloropropene	8.09	75	214342	55.201	ug/l	100
37) Ethyl Acetate	7.25	43	101974	47.393	ug/l	98
38) Carbon Tetrachloride	8.07	117	190620	56.869	ug/l	96

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**Client Sampled :**  
 VSTDCCC050

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Quant Time: Jun 13 07:42:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060419S.M  
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260088	52.691	ug/l	99
40) Benzene	8.32	78	574021	54.190	ug/l	99
41) Methacrylonitrile	7.49	41	71081	55.577	ug/l	92
42) 1,2-Dichloroethane	8.40	62	176669	52.550	ug/l	99
43) Isopropyl Acetate	8.42	43	205102	49.340	ug/l	100
44) Trichloroethene	9.09	130	140747	53.864	ug/l	98
45) 1,2-Dichloropropane	9.37	63	152075	54.234	ug/l	97
46) Dibromomethane	9.46	93	66305	50.909	ug/l	99
47) Bromodichloromethane	9.65	83	186419	55.218	ug/l	98
48) Methyl methacrylate	9.43	41	107863	53.817	ug/l	94
49) 1,4-Dioxane	9.45	88	21957	1078.299	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	518831	244.311	ug/l	100
52) Toluene	10.39	92	354841	54.444	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	193053	53.987	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	231676	55.058	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94565	50.401	ug/l	99
56) Ethyl methacrylate	10.65	69	145363	50.350	ug/l	97
57) 1,3-Dichloropropane	10.93	76	181429	51.311	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	364487	241.034	ug/l	99
59) 2-Hexanone	10.97	43	394778	257.216	ug/l	98
60) Dibromochloromethane	11.13	129	110824	53.284	ug/l	100
61) 1,2-Dibromoethane	11.24	107	87876	49.433	ug/l	100
64) Tetrachloroethene	10.86	164	115943	52.305	ug/l	97
65) Chlorobenzene	11.66	112	354690	54.026	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	124097	54.604	ug/l	99
67) Ethyl Benzene	11.73	91	695935	55.157	ug/l	99
68) m/p-Xylenes	11.84	106	499054	110.491	ug/l	99
69) o-Xylene	12.17	106	234218	54.676	ug/l	97
70) Styrene	12.18	104	409069	54.972	ug/l	99
71) Bromoform	12.35	173	61333	52.182	ug/l #	100
73) Isopropylbenzene	12.46	105	659840	55.191	ug/l	100
74) N-amyl acetate	12.27	43	199066	51.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	111530	49.002	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	82390m	49.313	ug/l	
77) Bromobenzene	12.75	156	140022	53.654	ug/l	99
78) n-propylbenzene	12.80	91	805448	55.871	ug/l	100
79) 2-Chlorotoluene	12.90	91	456375	55.411	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	548072	56.006	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38102	52.414	ug/l	99
82) 4-Chlorotoluene	12.99	91	471101	55.427	ug/l	99
83) tert-Butylbenzene	13.21	119	464343	55.910	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	550690	55.922	ug/l	100
85) sec-Butylbenzene	13.39	105	669320	55.353	ug/l	100
86) p-Isopropyltoluene	13.50	119	607972	56.224	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	274413	54.525	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	271328	54.381	ug/l	99
89) n-Butylbenzene	13.83	91	616293	57.123	ug/l	100
90) Hexachloroethane	14.10	117	111016	57.328	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	241895	53.446	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19970	51.094	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	174270	54.869	ug/l	98
94) Hexachlorobutadiene	15.24	225	110952	55.661	ug/l	99
95) Naphthalene	15.37	128	295578	51.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	147437	54.584	ug/l	100

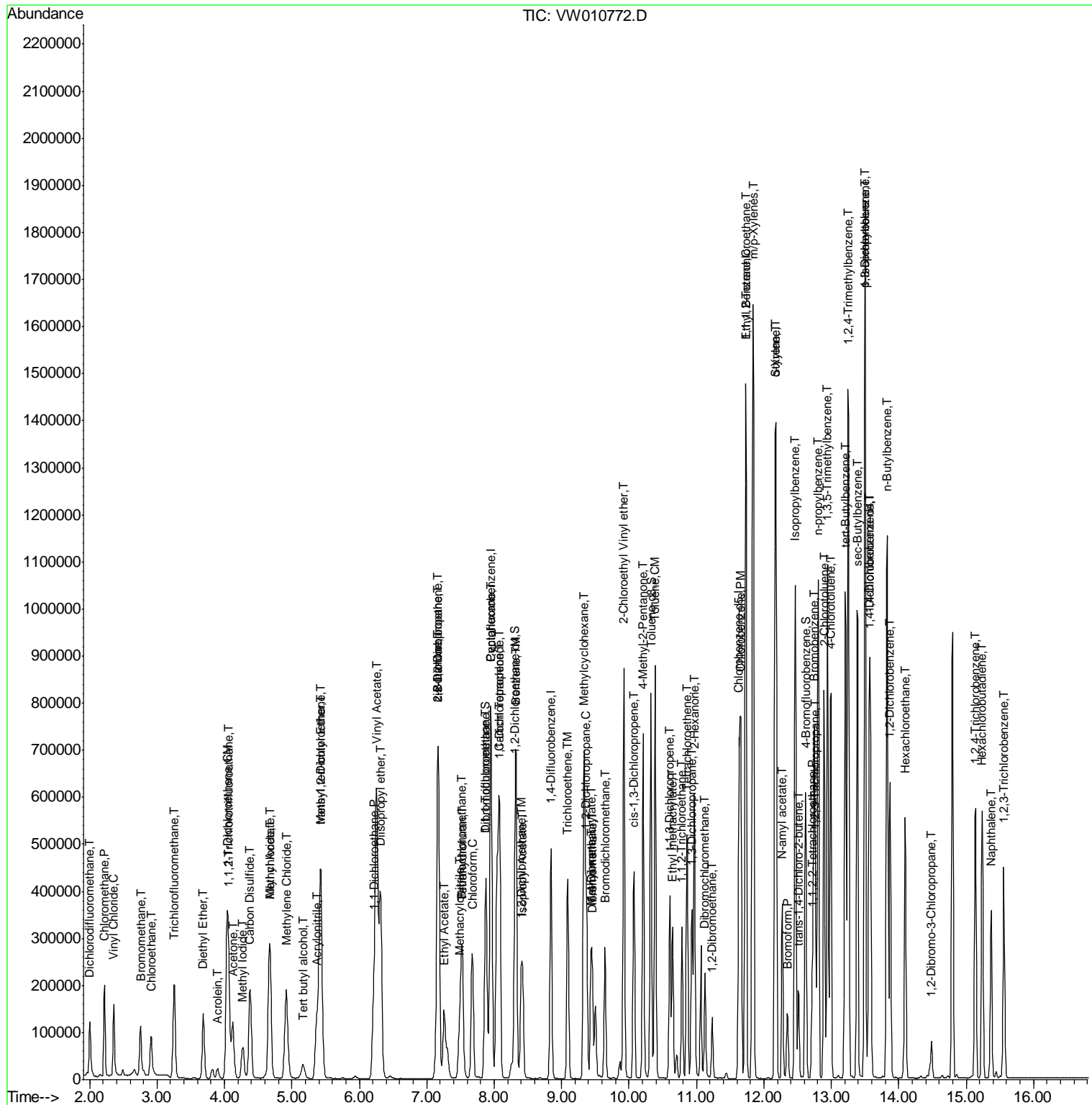
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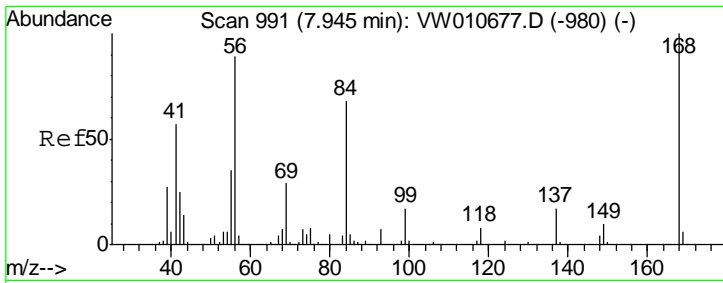
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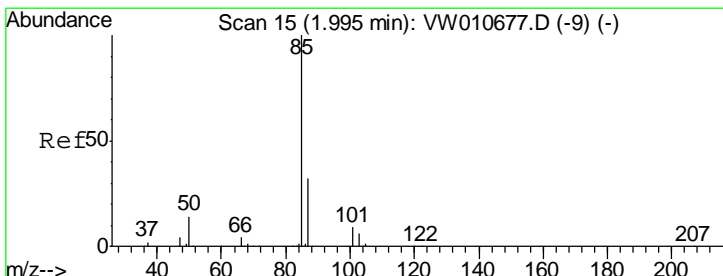
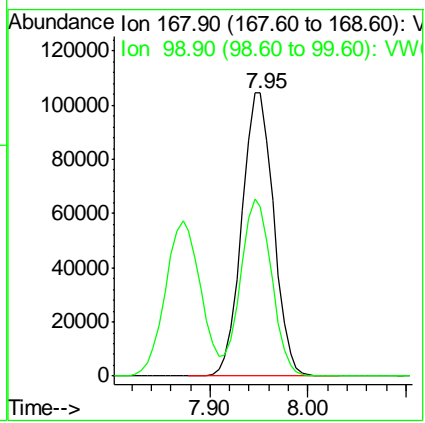
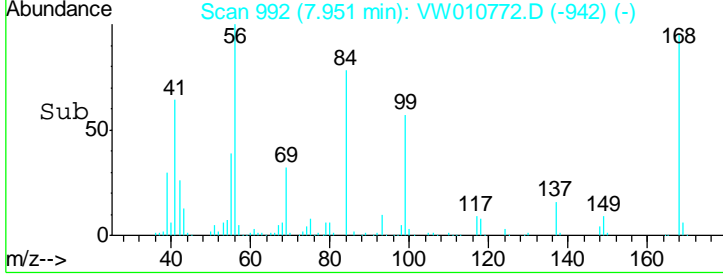
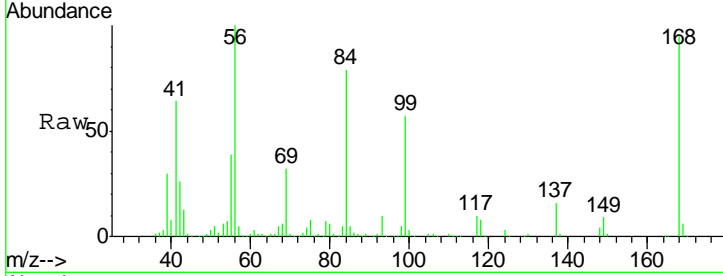
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion: 168 Resp: 235280

Ion	Ratio	Lower	Upper
168	100		
99	59.7	47.7	71.5

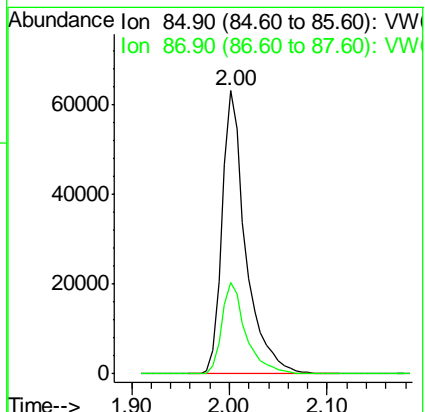
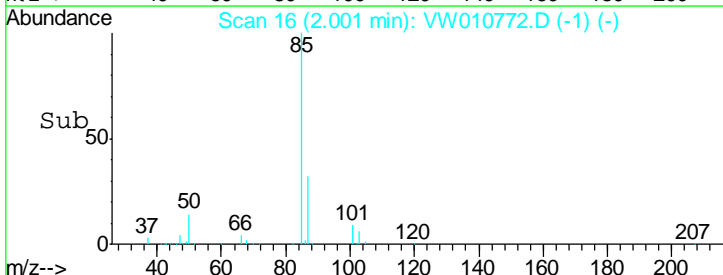
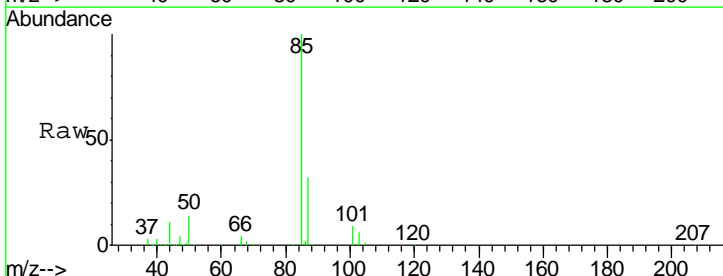
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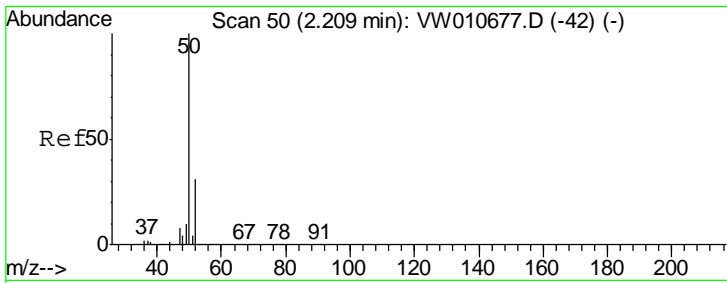


#2  
 Dichlorodifluoromethane  
 Concen: 48.577 ug/l  
 RT: 2.00 min Scan# 16  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion: 85 Resp: 105617

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.5



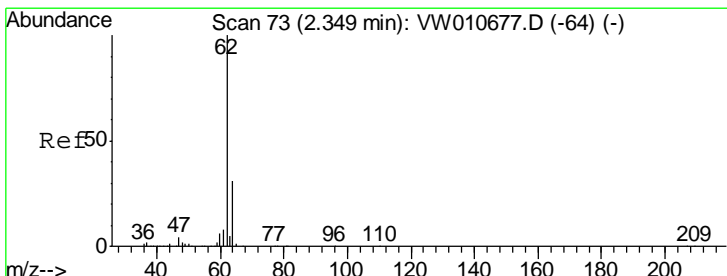
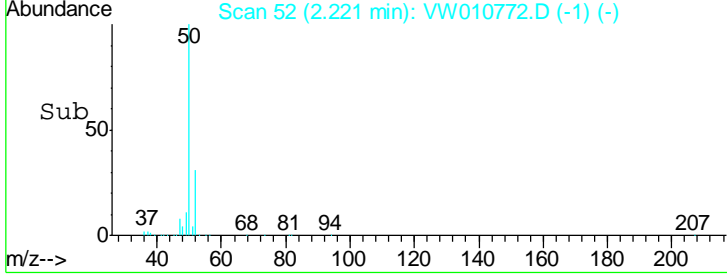
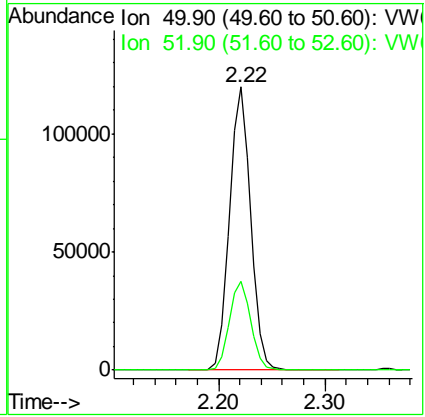
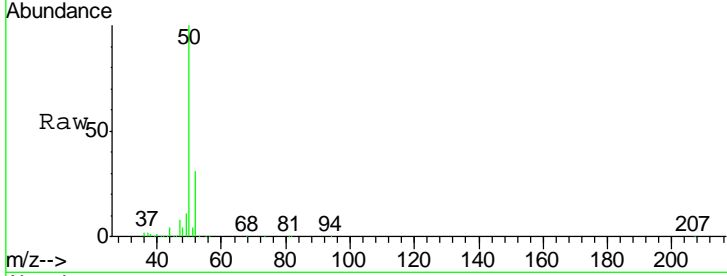


#3  
 Chloromethane  
 Concen: 52.424 ug/l  
 RT: 2.22 min Scan# 52  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
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Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

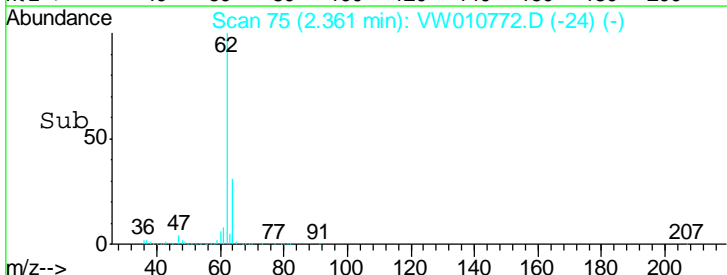
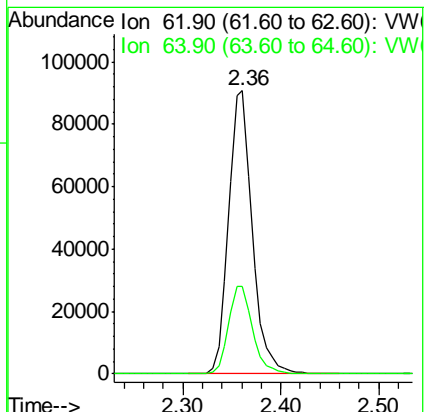
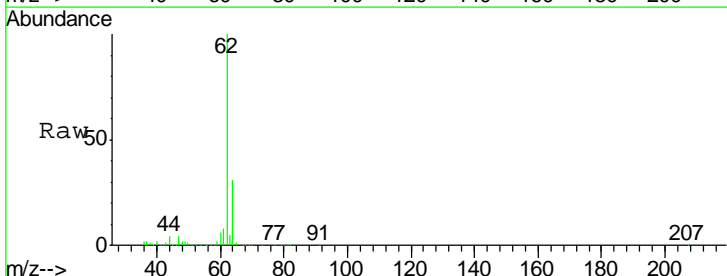
Tgt Ion	Resp	Lower	Upper
50	167696		
52	31.4	25.2	37.8

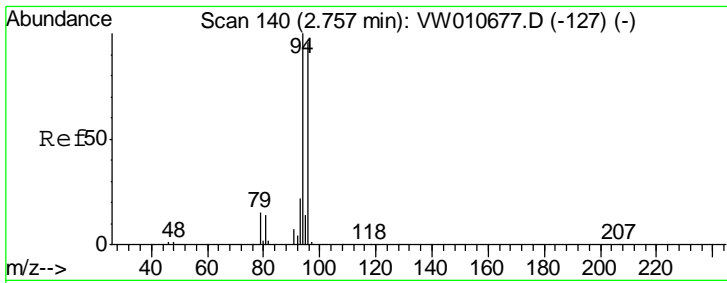
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#4  
 Vinyl Chloride  
 Concen: 51.484 ug/l  
 RT: 2.36 min Scan# 75  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
62	152159		
64	30.9	24.5	36.7





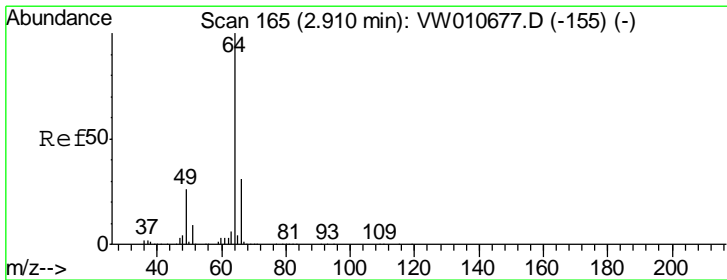
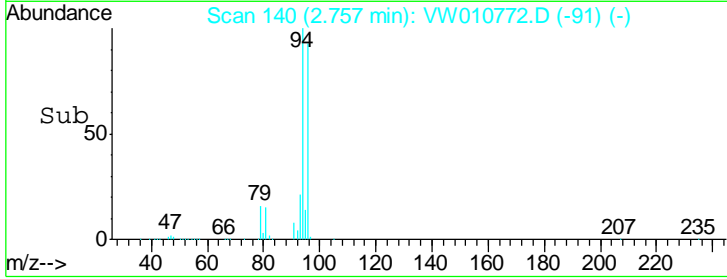
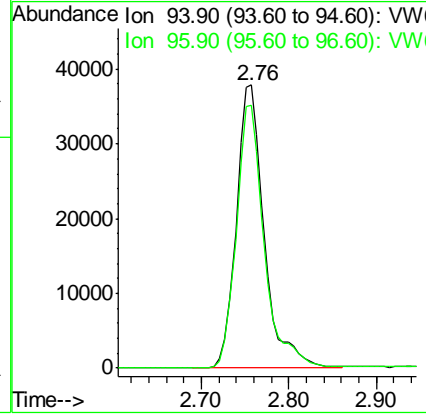
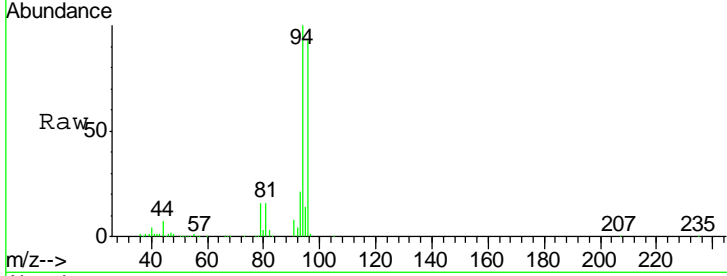
#5  
 Bromomethane  
 Concen: 51.887 ug/l  
 RT: 2.76 min Scan# 140  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
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Tgt Ion	Resp	Lower	Upper
94	100		
96	92.5	76.5	114.7

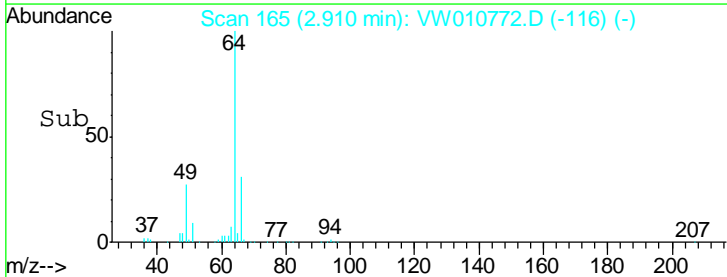
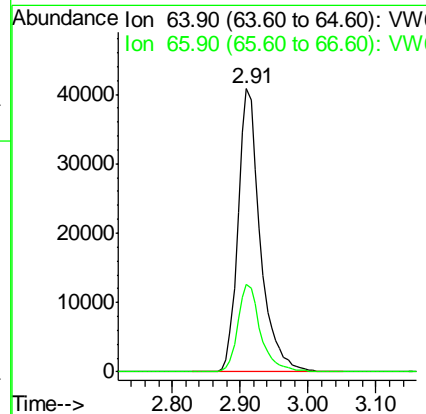
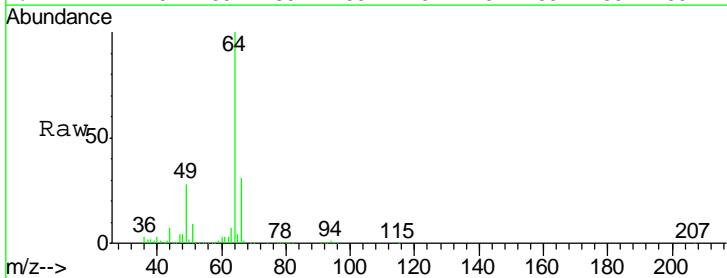
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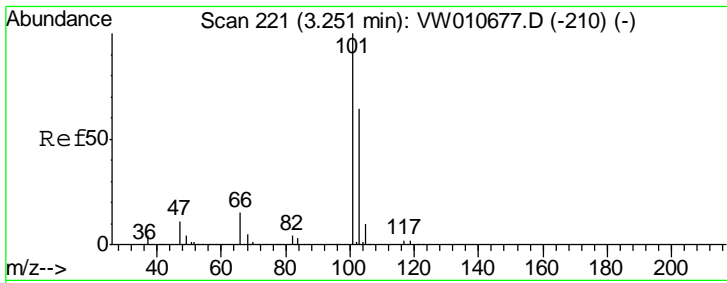
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#6  
 Chloroethane  
 Concen: 52.004 ug/l  
 RT: 2.91 min Scan# 165  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
64	100		
66	31.0	25.1	37.7





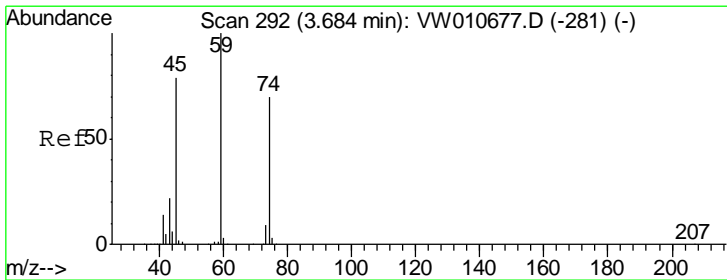
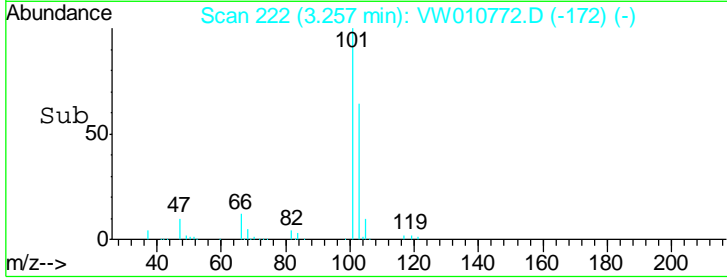
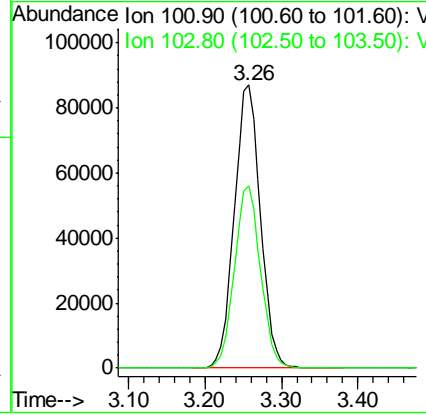
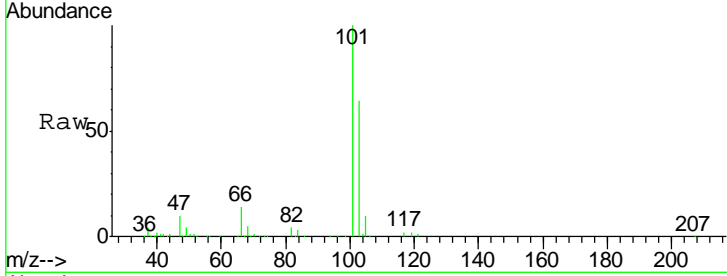
#7  
 Trichlorofluoromethane  
 Concen: 53.453 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

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 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
101	205071		
101	100		
103	64.4	51.2	76.8

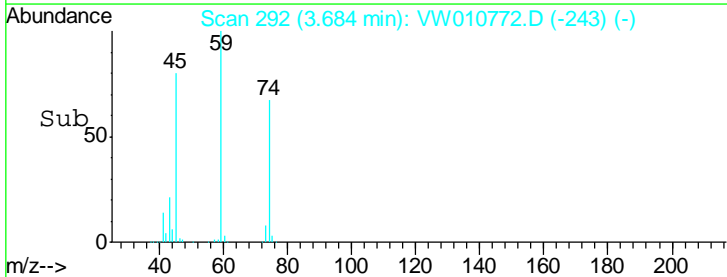
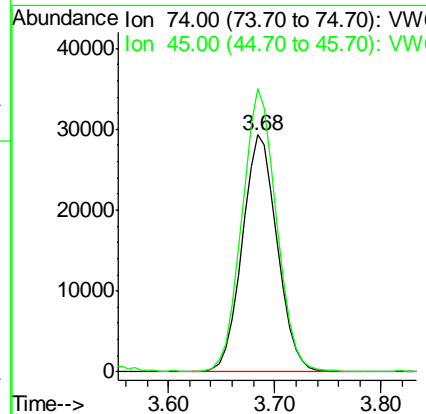
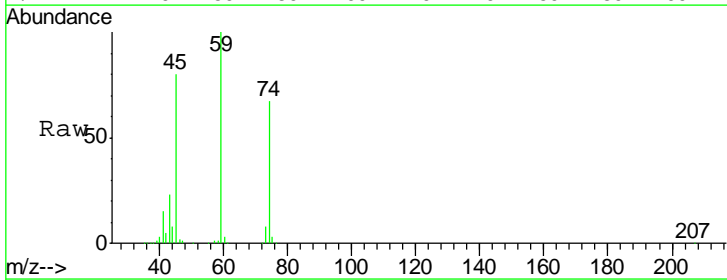
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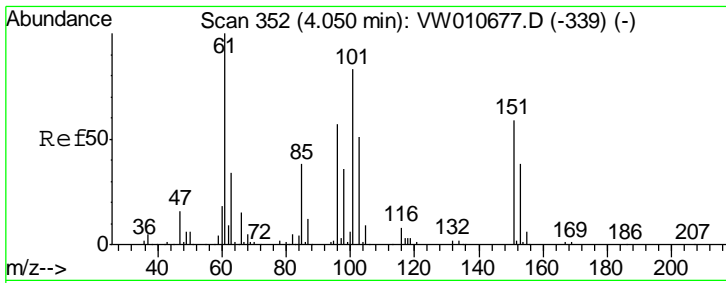


#8  
 Diethyl Ether  
 Concen: 49.247 ug/l  
 RT: 3.68 min Scan# 292  
 Delta R.T. -0.00 min  
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Tgt Ion	Resp	Lower	Upper
74	67519		
74	100		
45	118.5	56.9	170.7







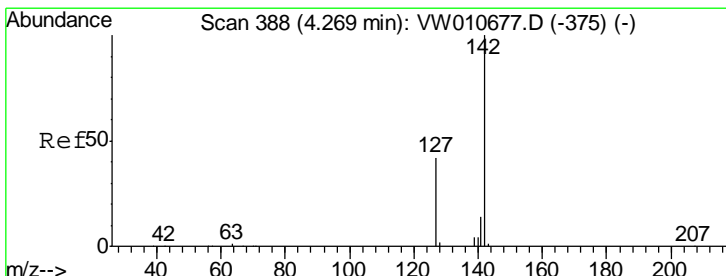
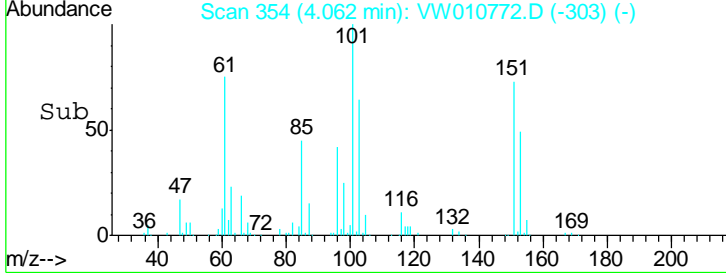
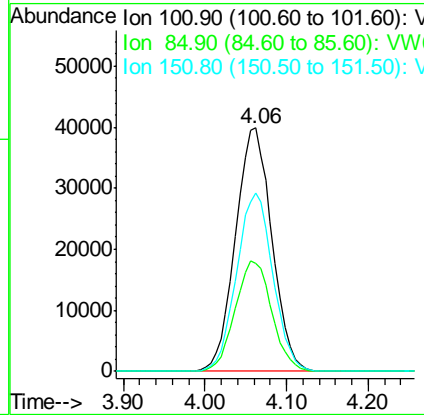
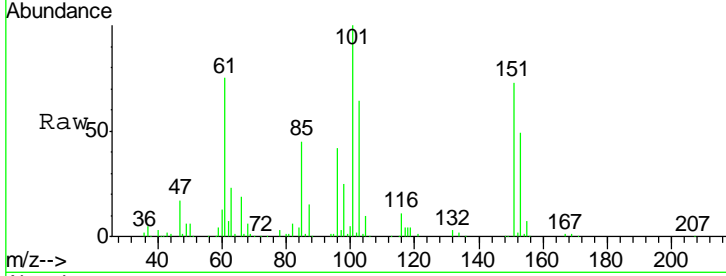
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 52.254 ug/l  
 RT: 4.06 min Scan# 354  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
101	123251		
101	100		
85	45.7	35.8	53.8
151	73.3	58.1	87.1

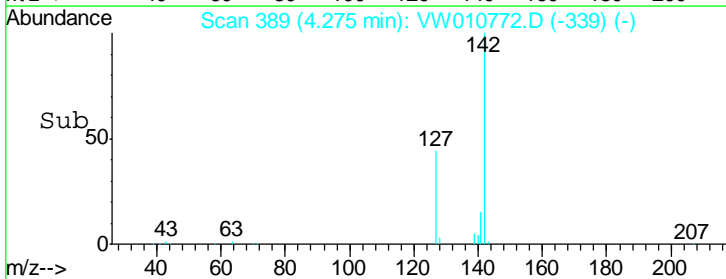
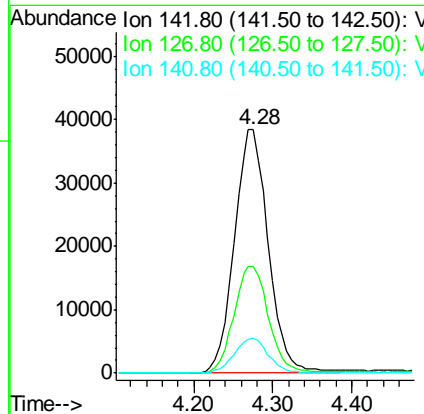
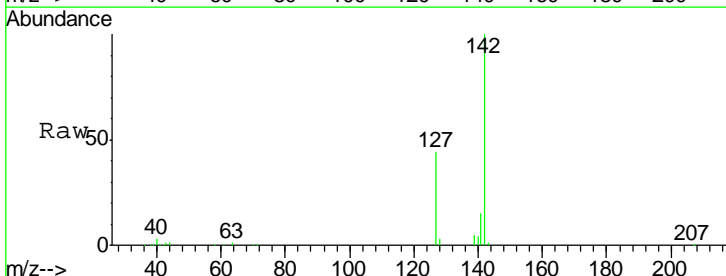
Manual Integrations  
 APPROVED

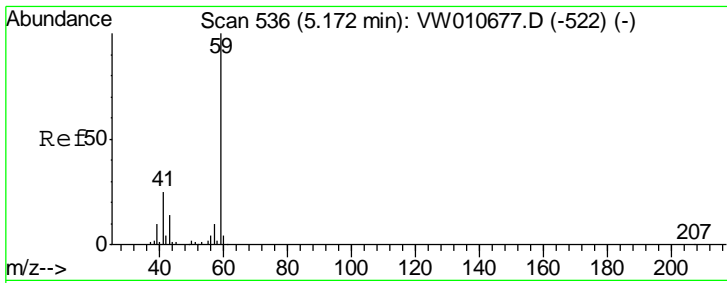
MMDadoda  
 6/13/2019 11:31:51 AM



#10  
 Methyl Iodide  
 Concen: 47.542 ug/l  
 RT: 4.28 min Scan# 389  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
142	114884		
142	100		
127	45.1	34.6	51.8
141	14.5	11.6	17.4



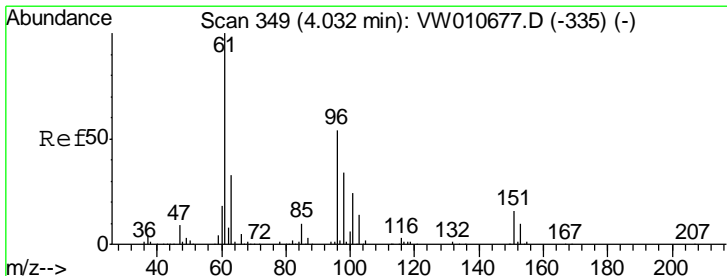
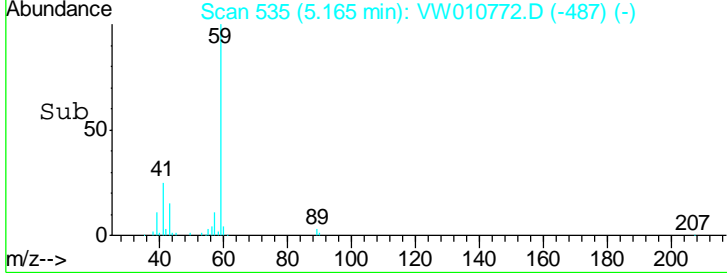
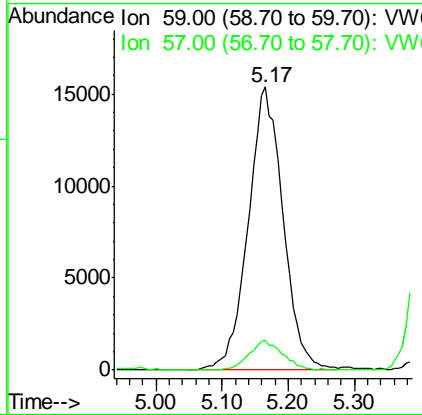
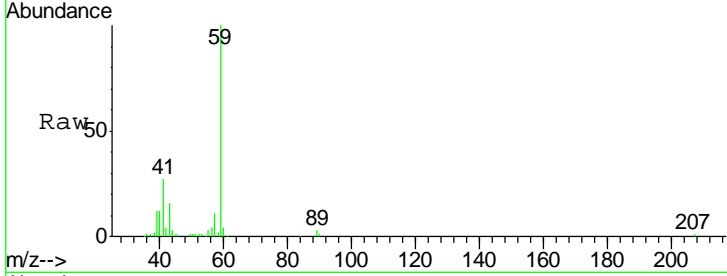


#11  
 Tert butyl alcohol  
 Concen: 249.398 ug/l  
 RT: 5.17 min Scan# 535  
 Delta R.T. -0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

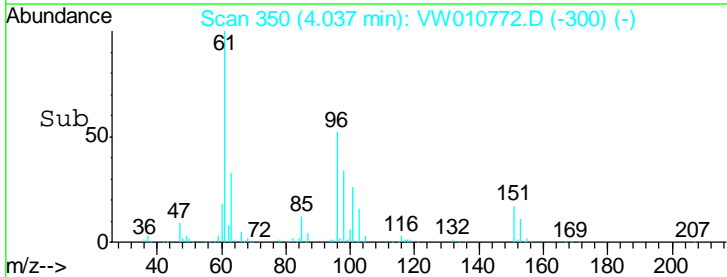
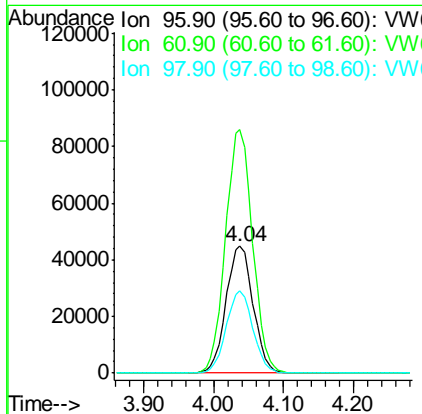
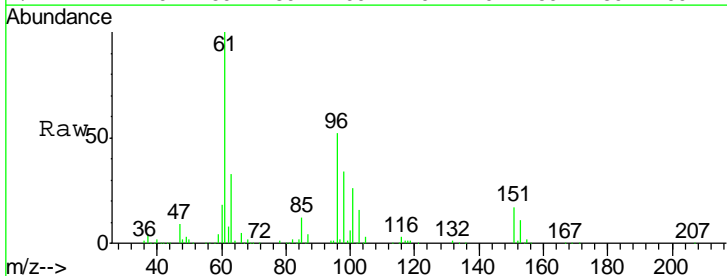
Tgt Ion	Resp	Lower	Upper
59	100		
57	10.2	8.6	12.8

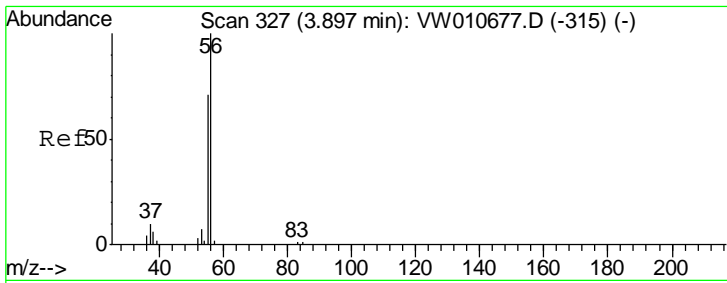
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 6/13/2019 11:31:51 AM



#12  
 1,1-Dichloroethene  
 Concen: 53.118 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
96	100		
61	191.6	149.1	223.7
98	64.5	51.1	76.7



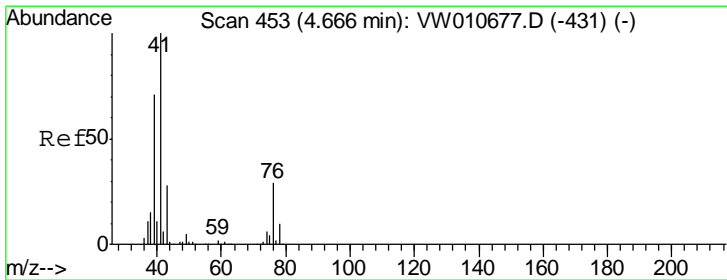
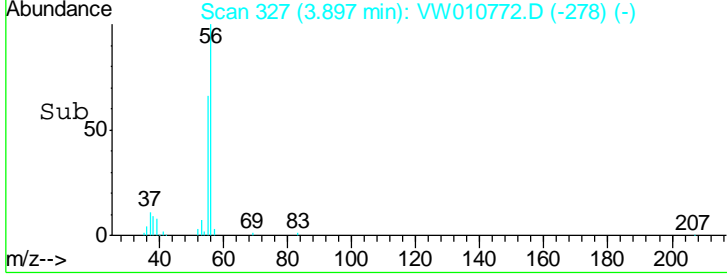
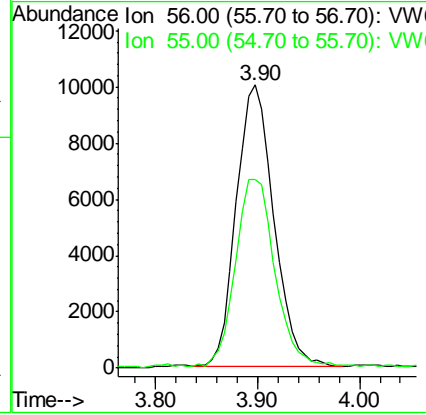
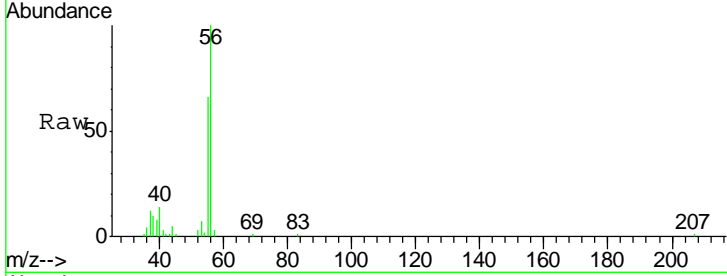


#13  
 Acrolein  
 Concen: 276.072 ug/l  
 RT: 3.90 min Scan# 327  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

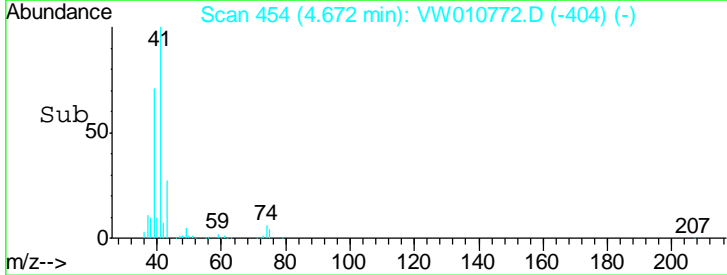
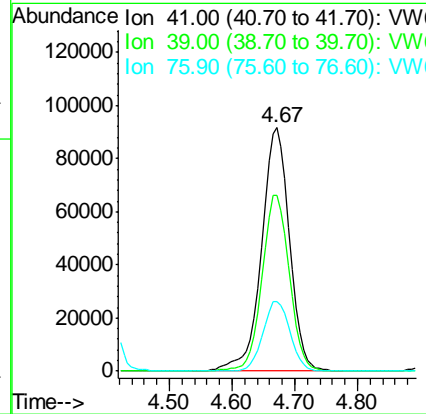
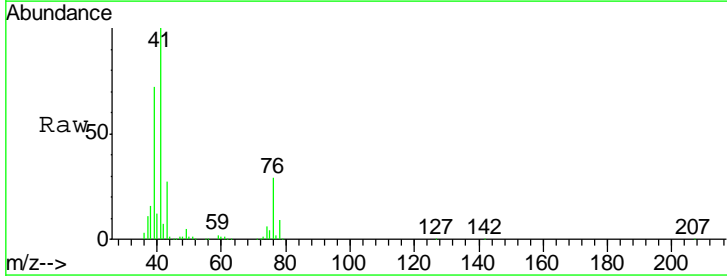
Tgt Ion	Resp	Lower	Upper
56	100		
55	71.0	57.6	86.4

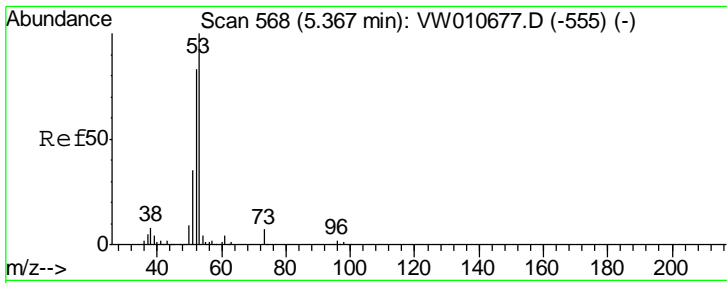
Manual Integrations  
**APPROVED**  
 MMDadoda  
 6/13/2019 11:31:51 AM



#14  
 Allyl chloride  
 Concen: 56.287 ug/l  
 RT: 4.67 min Scan# 454  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
41	100		
39	70.7	55.8	83.6
76	28.0	22.7	34.1





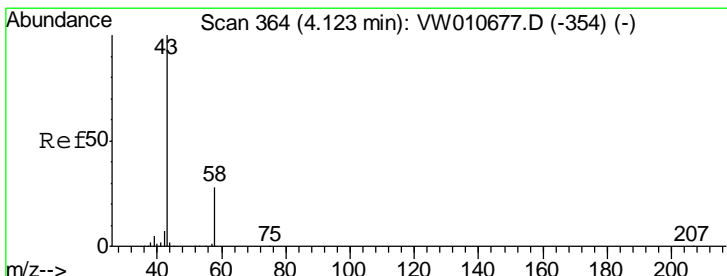
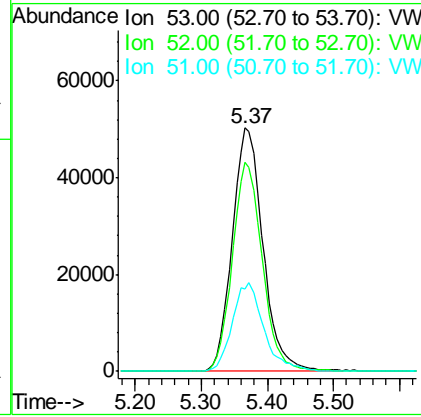
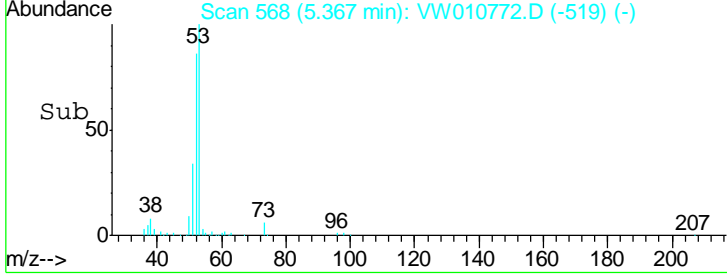
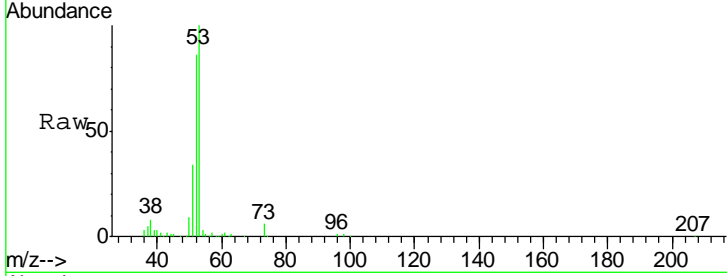
#15  
 Acrylonitrile  
 Concen: 243.069 ug/l  
 RT: 5.37 min Scan# 568  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
53	100		
52	83.4	66.6	100.0
51	37.2	29.8	44.8

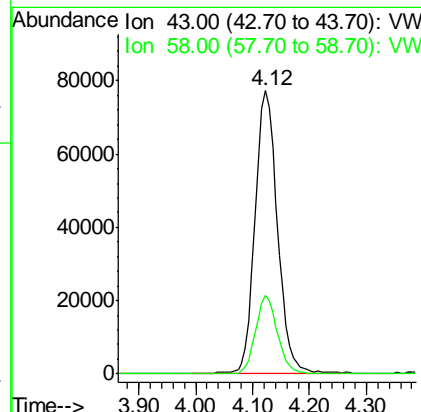
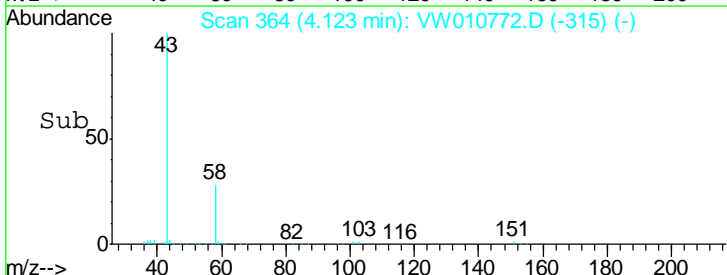
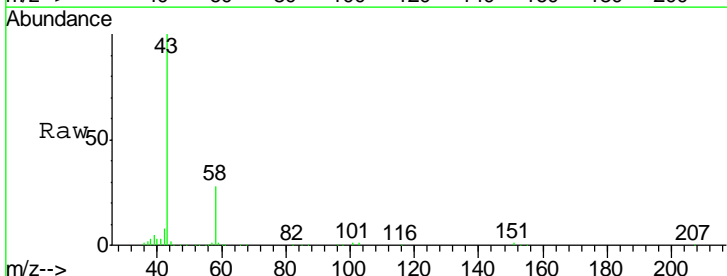
**Manual Integrations**  
**APPROVED**

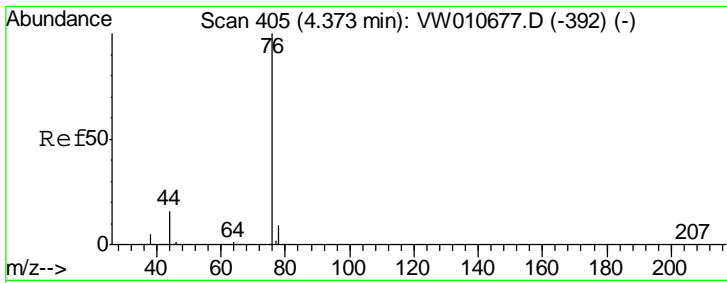
MMDadoda  
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#16  
 Acetone  
 Concen: 287.191 ug/l  
 RT: 4.12 min Scan# 364  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
43	100		
58	27.8	22.1	33.1





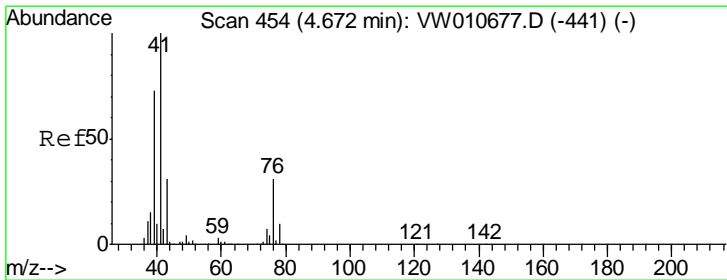
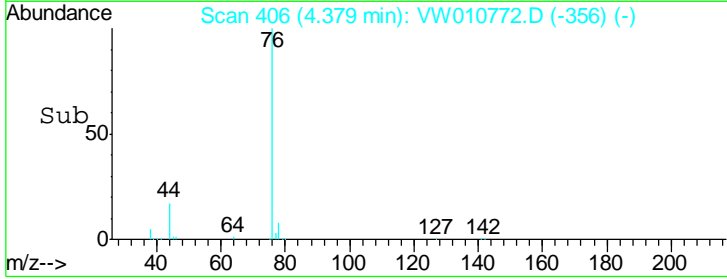
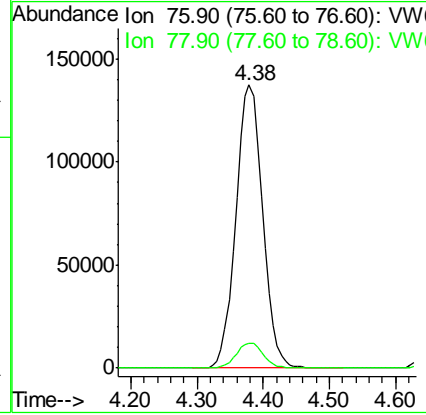
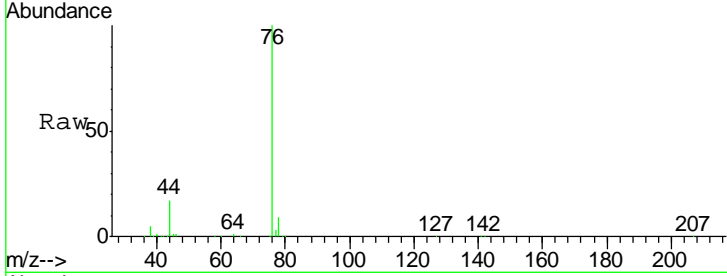
#17  
 Carbon Disulfide  
 Concen: 53.372 ug/l  
 RT: 4.38 min Scan# 406  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
76	385495		
76	100		
78	8.7	7.5	11.3

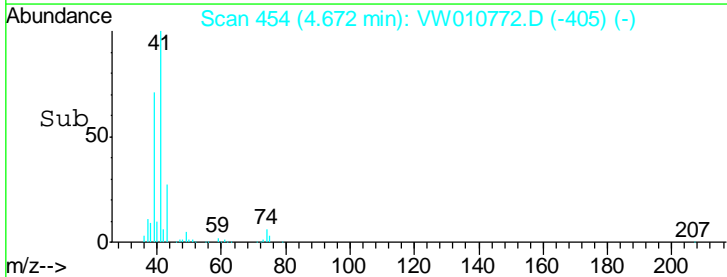
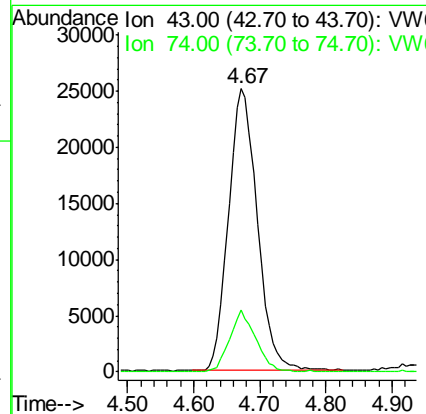
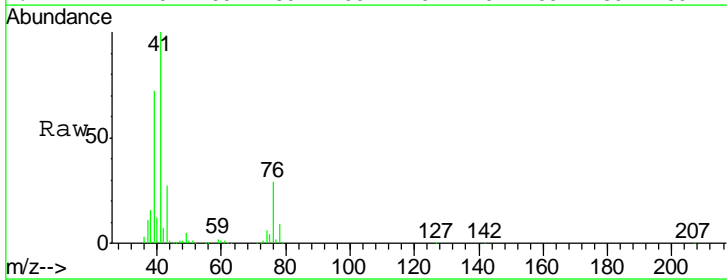
**Manual Integrations**  
**APPROVED**

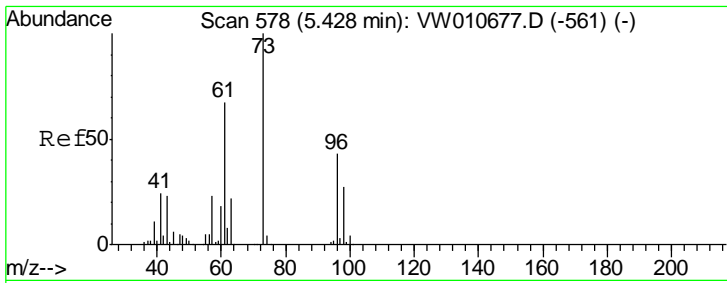
MMDadoda  
 6/13/2019 11:31:51 AM



#18  
 Methyl Acetate  
 Concen: 47.484 ug/l  
 RT: 4.67 min Scan# 454  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
43	75952		
43	100		
74	19.9	16.7	25.1



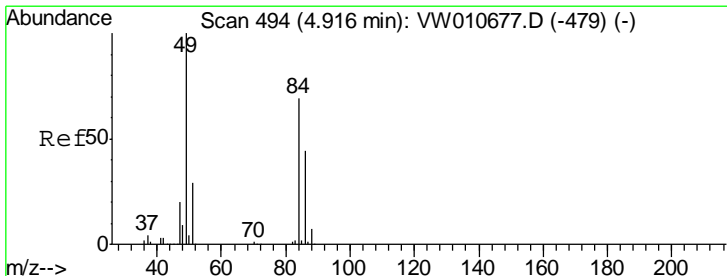
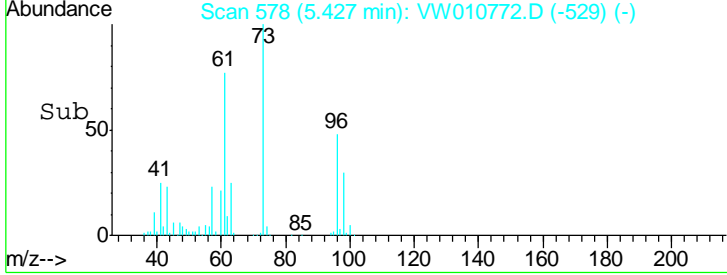
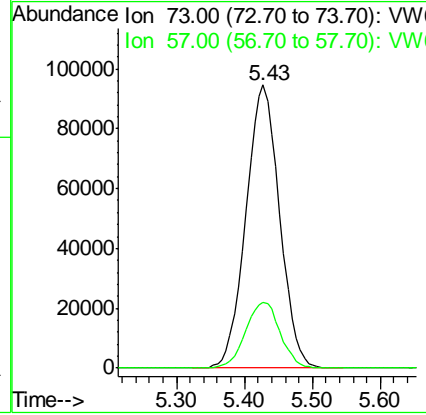
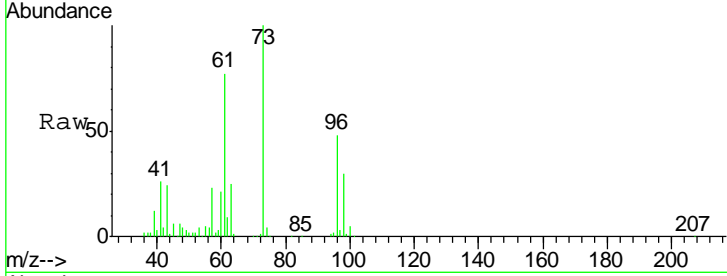


#19  
 Methyl tert-butyl Ether  
 Concen: 49.541 ug/l  
 RT: 5.43 min Scan# 578  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
73	100		
57	23.3	18.6	27.8

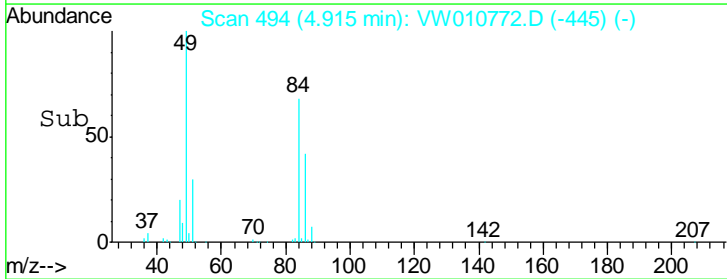
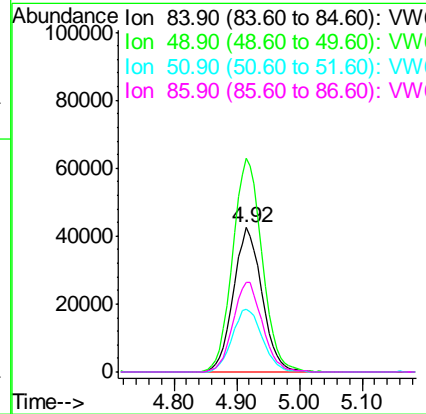
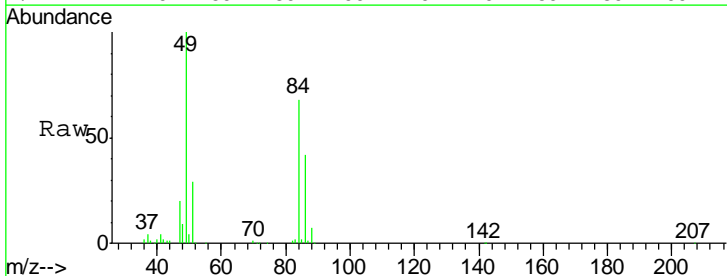
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

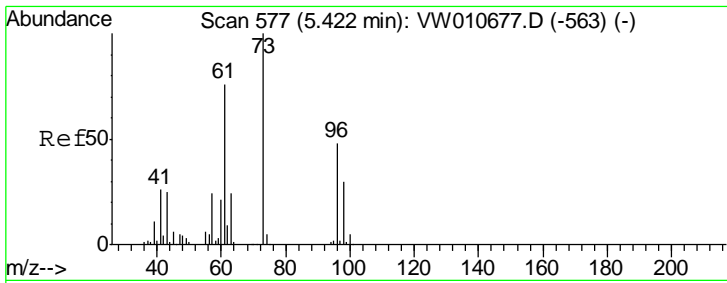
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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#20  
 Methylene Chloride  
 Concen: 51.619 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

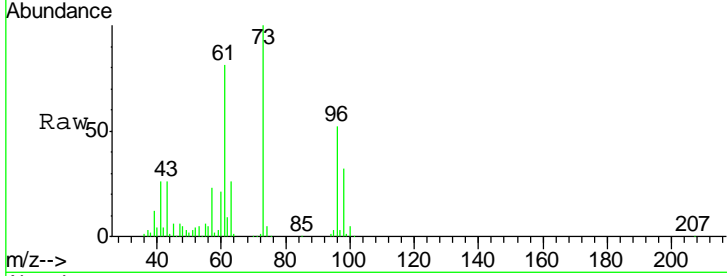
Tgt Ion	Resp	Lower	Upper
84	100		
49	148.1	116.7	175.1
51	43.7	34.2	51.2
86	62.4	51.2	76.8





#21  
 trans-1,2-Dichloroethene  
 Concen: 53.619 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

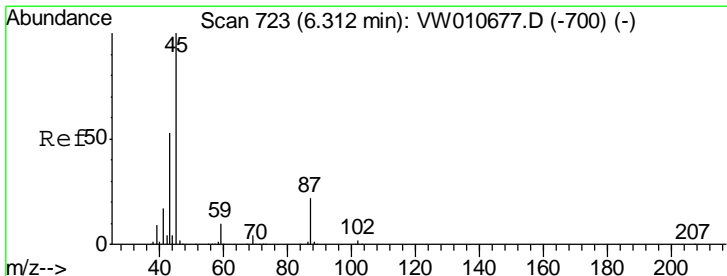
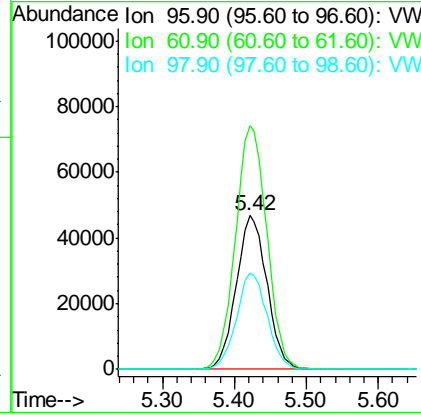
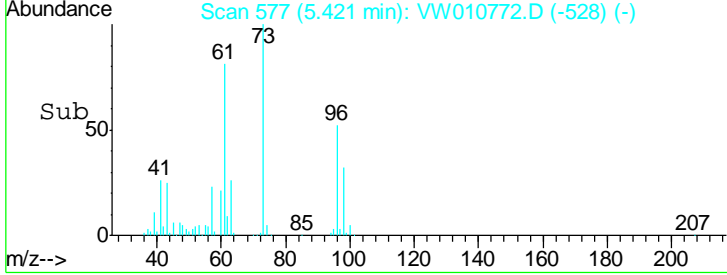
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050



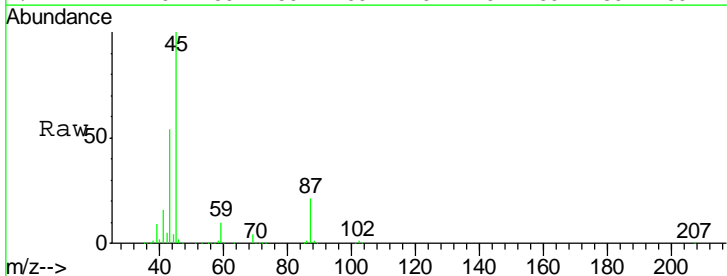
Tgt Ion: 96 Resp: 138497

Ion	Ratio	Lower	Upper
96	100		
61	158.2	126.0	189.0
98	62.6	49.6	74.4

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 6/13/2019 11:31:51 AM

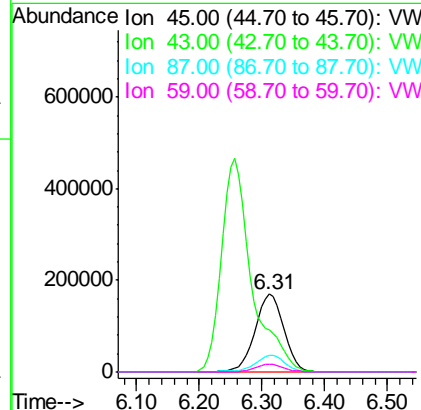
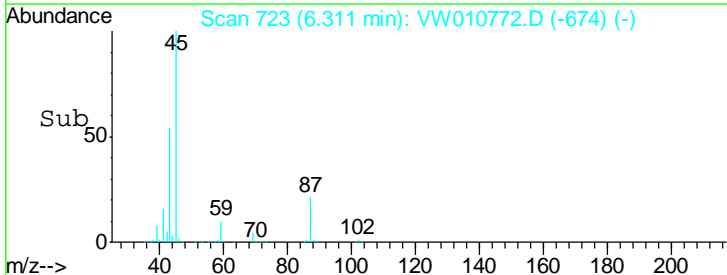


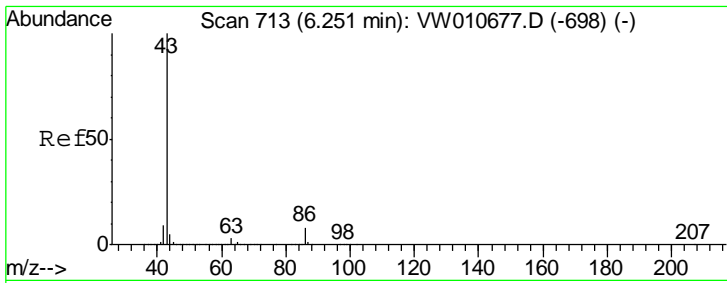
#22  
 Diisopropyl ether  
 Concen: 53.903 ug/l  
 RT: 6.31 min Scan# 723  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59



Tgt Ion: 45 Resp: 541405

Ion	Ratio	Lower	Upper
45	100		
43	54.2	42.5	63.7
87	20.9	17.4	26.2
59	10.1	8.1	12.1



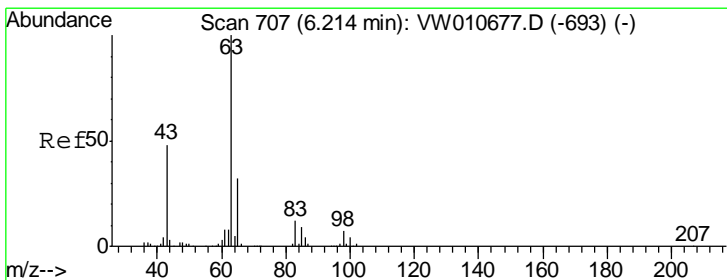
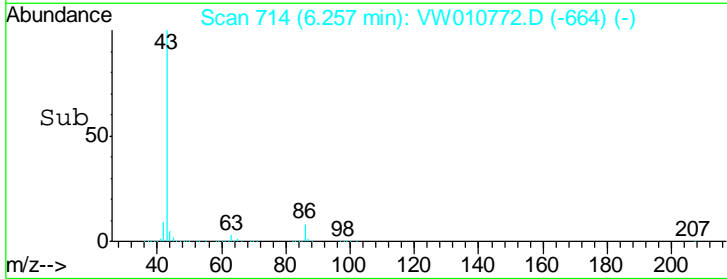
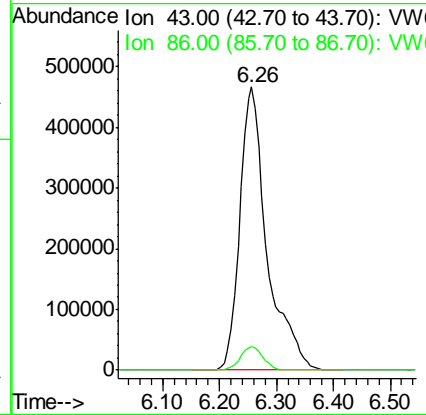
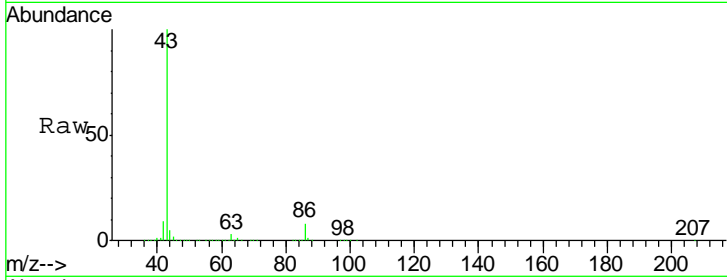


#23  
 Vinyl Acetate  
 Concen: 256.632 ug/l  
 RT: 6.26 min Scan# 714  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

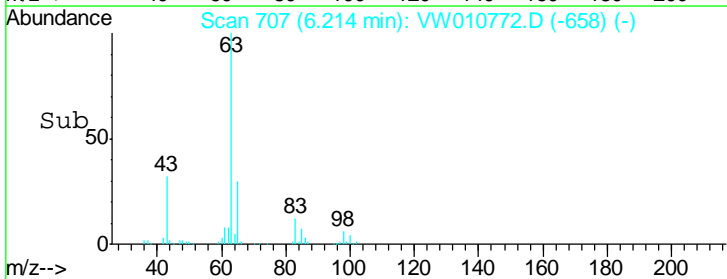
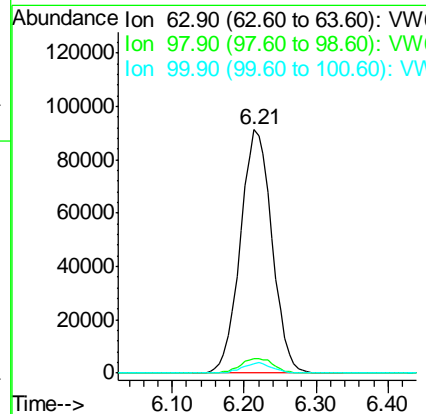
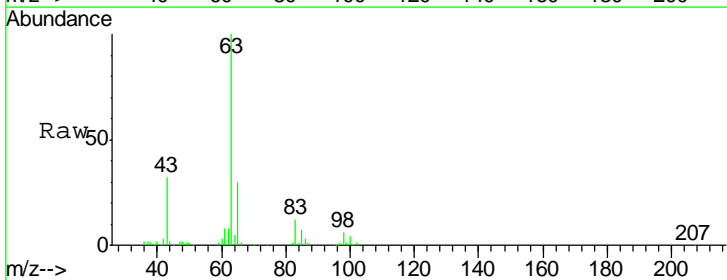
Tgt Ion: 43 Resp: 155582  
 Ion Ratio Lower Upper  
 43 100  
 86 8.2 6.6 10.0

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 6/13/2019 11:31:51 AM

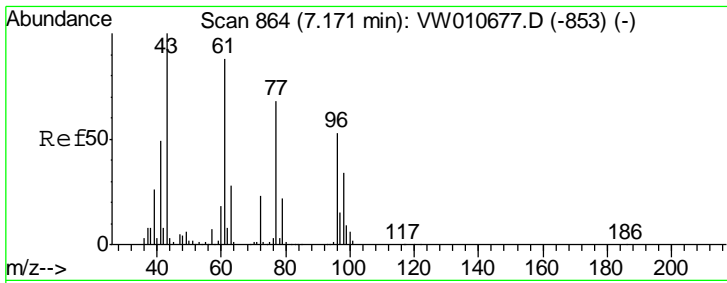


#24  
 1,1-Dichloroethane  
 Concen: 55.168 ug/l  
 RT: 6.21 min Scan# 707  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion: 63 Resp: 277686  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.4 10.2  
 100 4.1 2.1 6.3





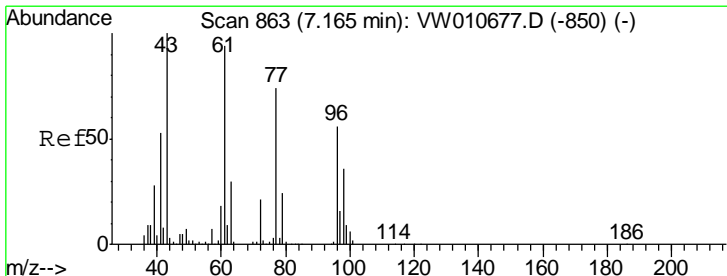
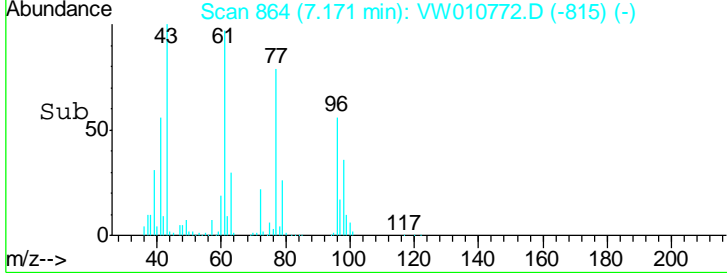
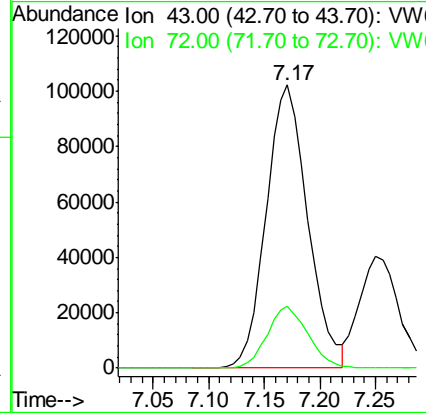
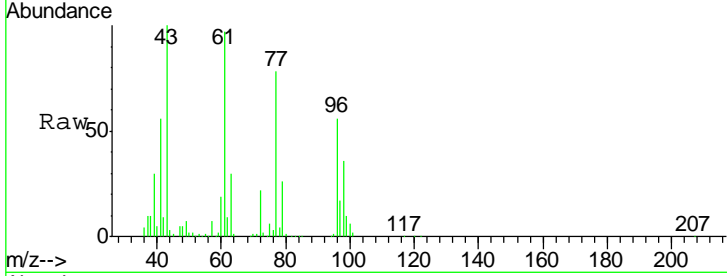


#25  
 2-Butanone  
 Concen: 257.391 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

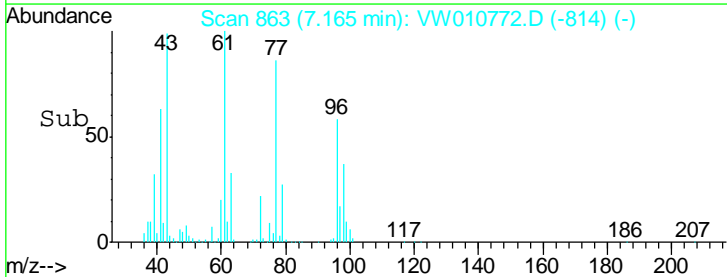
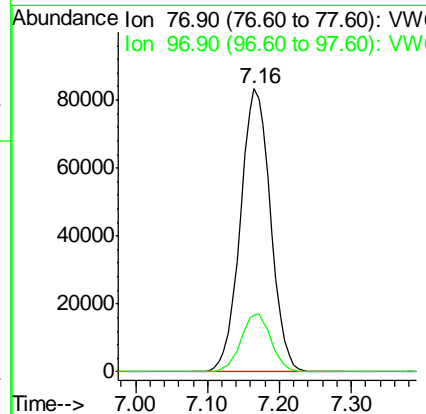
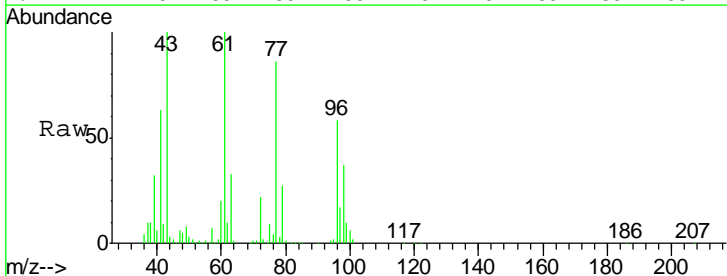
Tgt Ion: 43 Resp: 265207  
 Ion Ratio Lower Upper  
 43 100  
 72 21.7 18.1 27.1

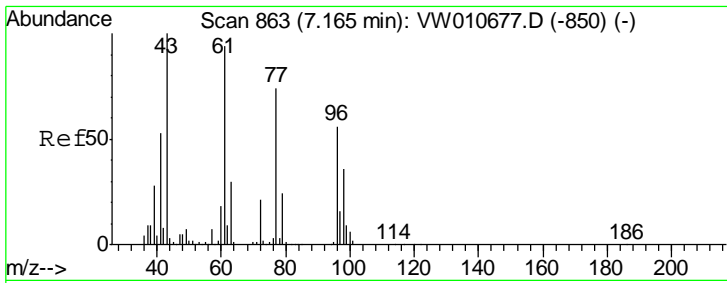
Manual Integrations APPROVED  
 MMDadoda  
 6/13/2019 11:31:51 AM



#26  
 2,2-Dichloropropane  
 Concen: 58.919 ug/l  
 RT: 7.16 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion: 77 Resp: 241328  
 Ion Ratio Lower Upper  
 77 100  
 97 20.4 10.5 31.6





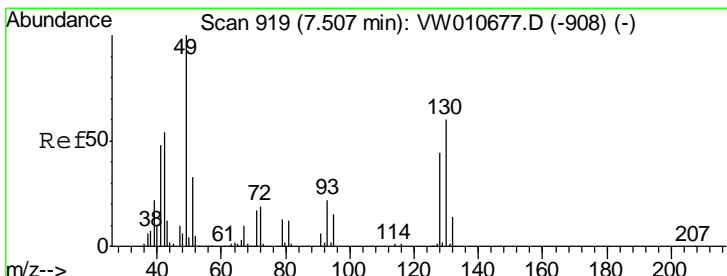
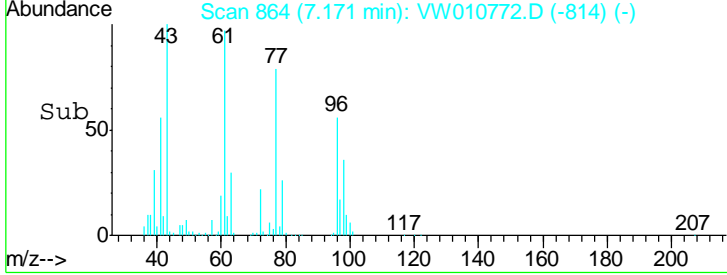
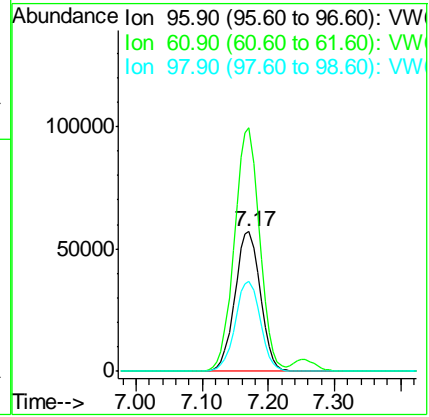
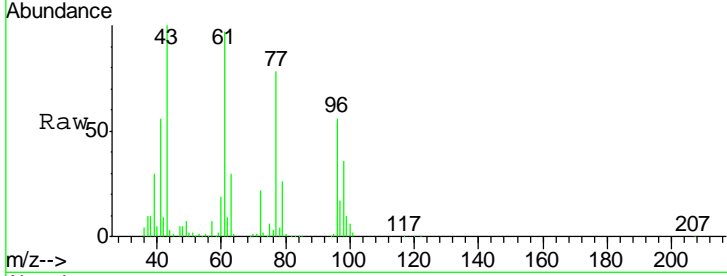
#27  
 cis-1,2-Dichloroethene  
 Concen: 53.460 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	151962		
96	100		
61	173.0	0.0	336.4
98	64.1	0.0	128.0

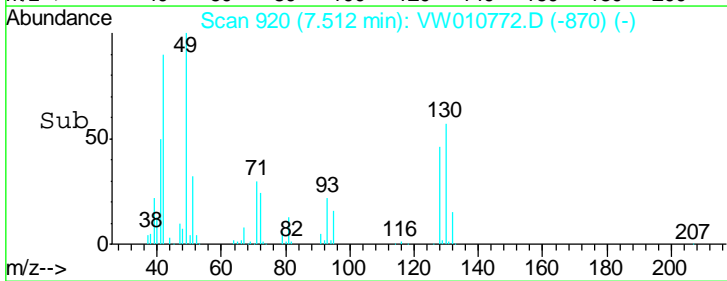
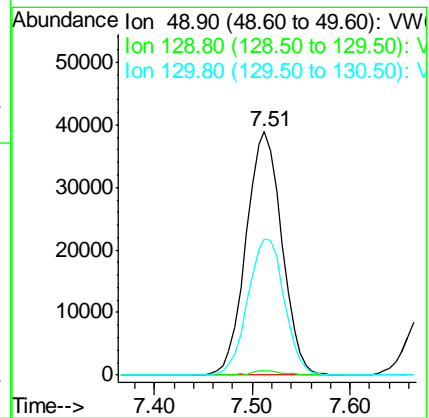
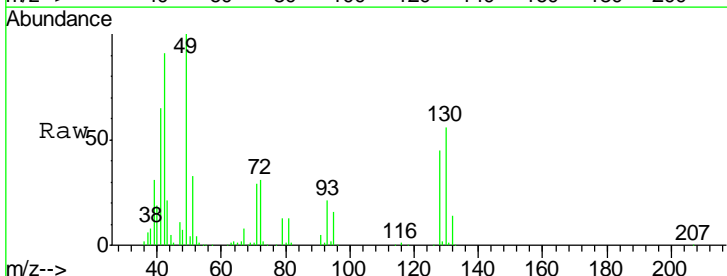
**Manual Integrations**  
**APPROVED**

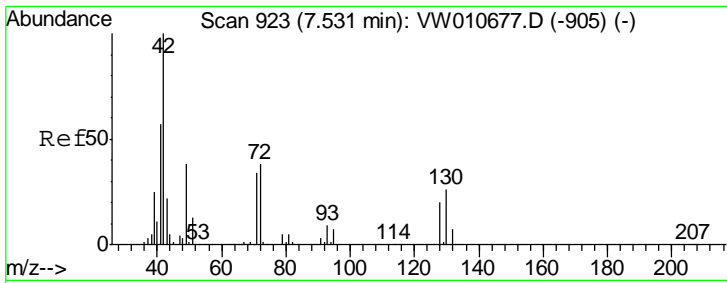
MMDadoda  
 6/13/2019 11:31:51 AM



#28  
 Bromochloromethane  
 Concen: 43.945 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
49	98714		
49	100		
129	1.6	0.0	3.2
130	57.0	48.3	72.5



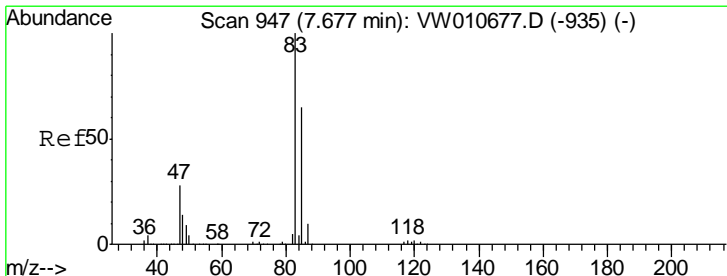
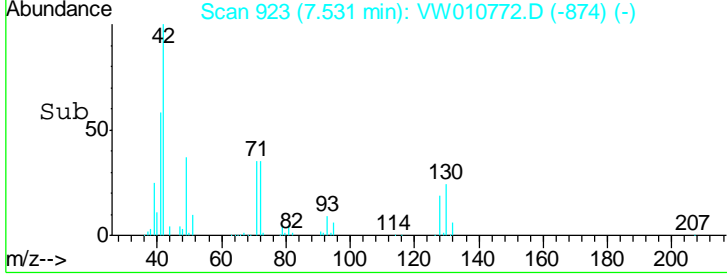
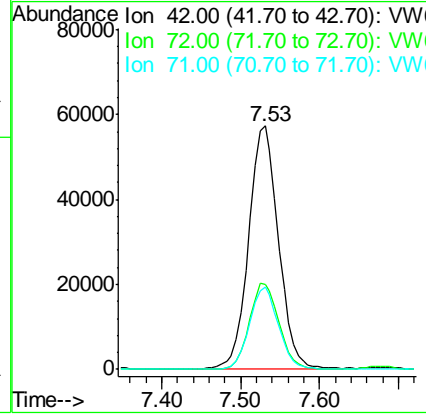
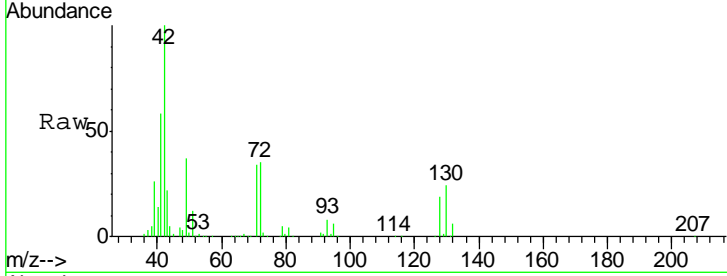


#29  
 Tetrahydrofuran  
 Concen: 232.459 ug/l  
 RT: 7.53 min Scan# 923  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

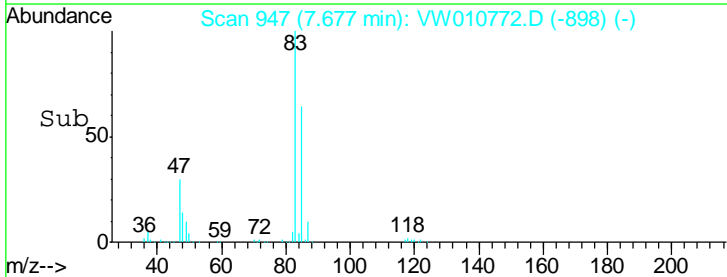
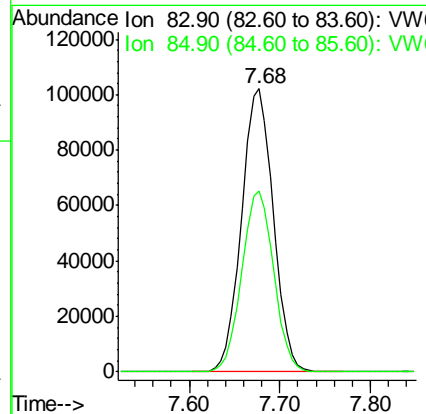
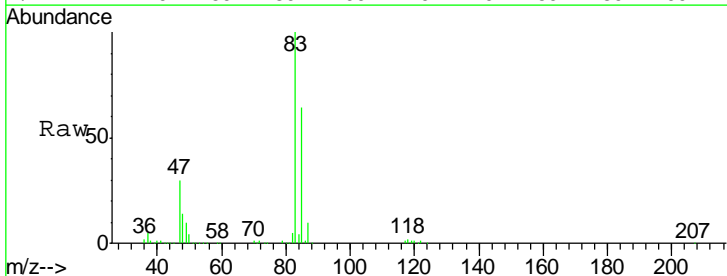
Tgt Ion	Resp	Lower	Upper
42	150655		
72	35.1	28.7	43.1
71	33.1	26.6	39.8

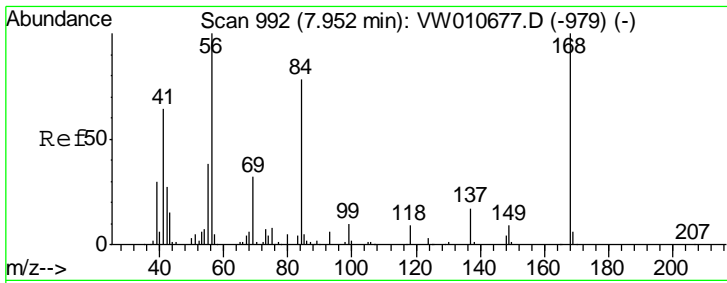
Manual Integrations  
**APPROVED**  
 MMDadoda  
 6/13/2019 11:31:51 AM



#30  
 Chloroform  
 Concen: 53.832 ug/l  
 RT: 7.68 min Scan# 947  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
83	247843		
85	64.0	51.8	77.8





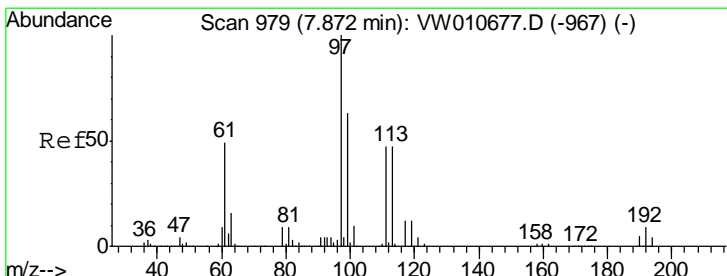
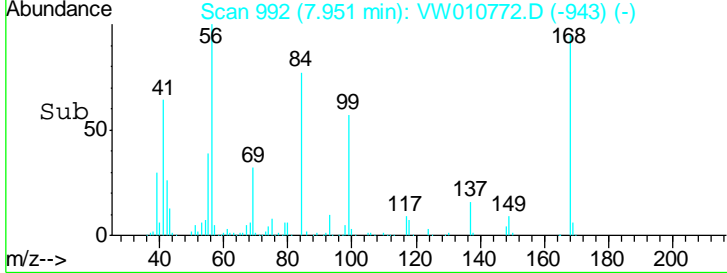
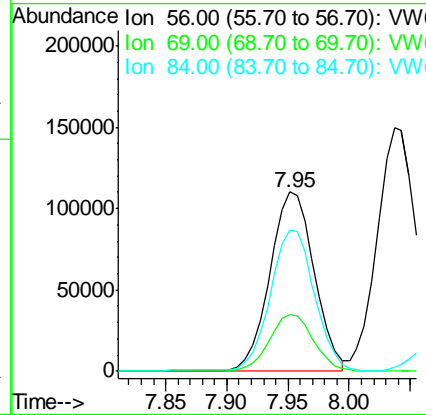
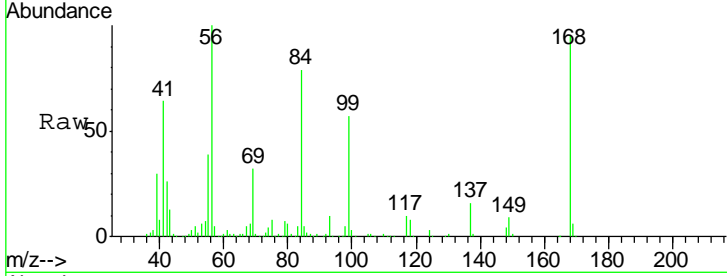
#31  
 Cyclohexane  
 Concen: 49.700 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	278091		
56	100		
69	31.6	25.2	37.8
84	77.3	62.2	93.2

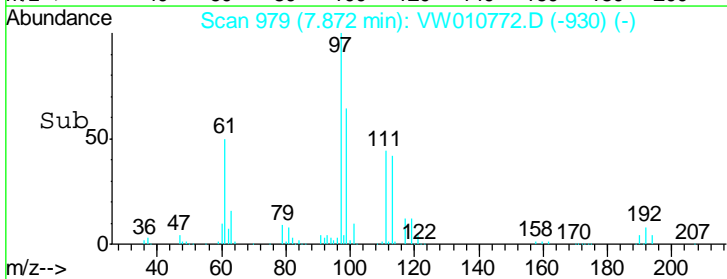
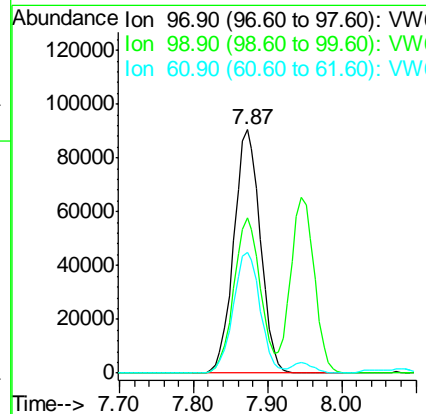
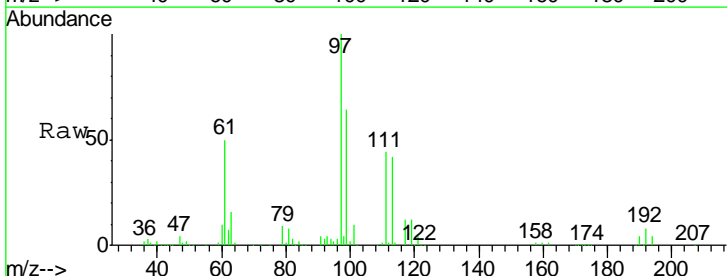
Manual Integrations  
 APPROVED

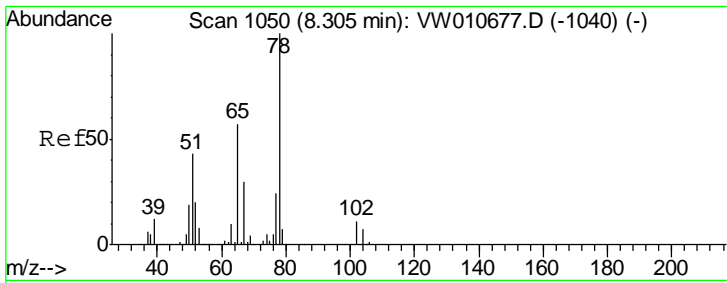
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 6/13/2019 11:31:51 AM



#32  
 1,1,1-Trichloroethane  
 Concen: 56.143 ug/l  
 RT: 7.87 min Scan# 979  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
97	225792		
97	100		
99	63.5	51.3	76.9
61	50.4	40.4	60.6



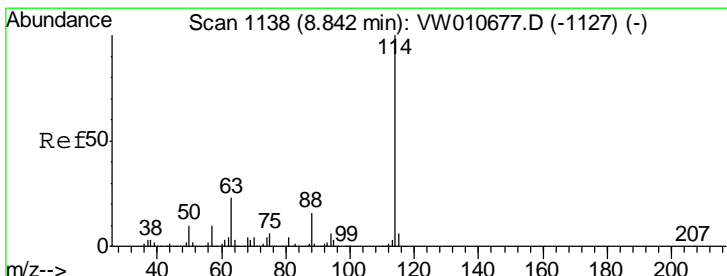
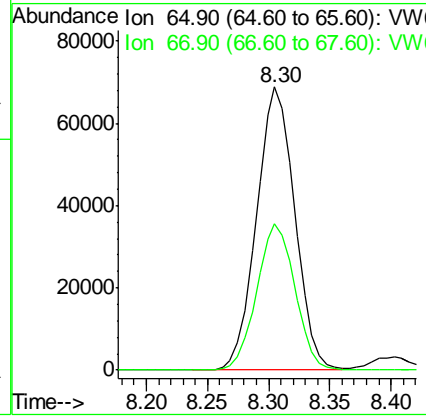
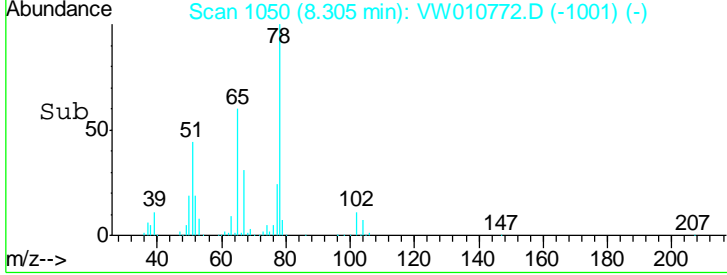
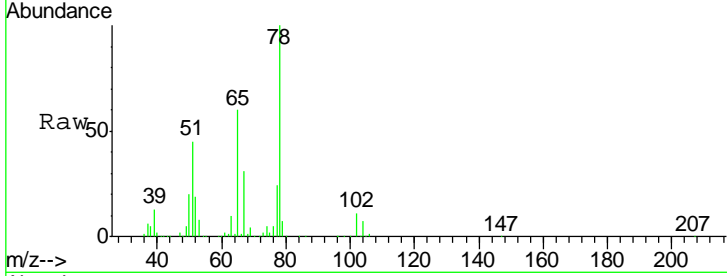


#33  
 1,2-Dichloroethane-d4  
 Concen: 54.025 ug/l  
 RT: 8.30 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

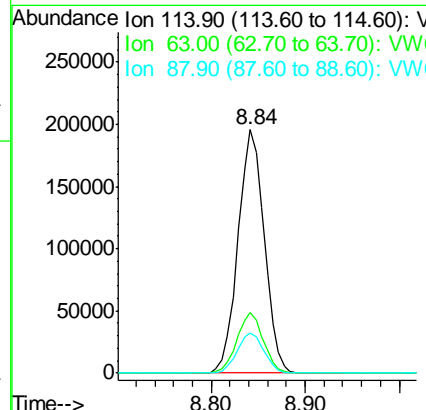
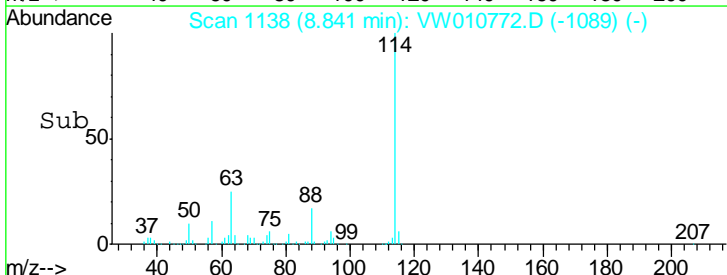
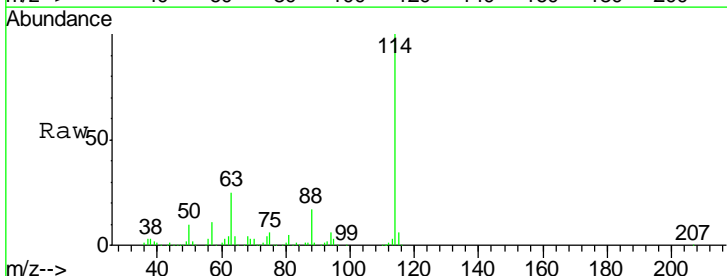
Tgt Ion	Resp	Lower	Upper
65	149820		
65	100		
67	51.7	0.0	102.6

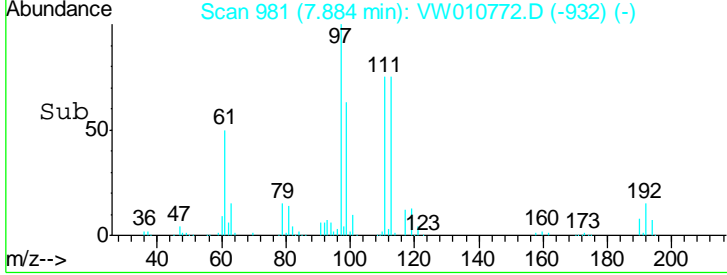
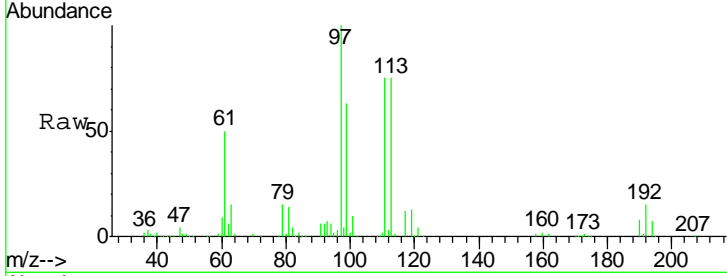
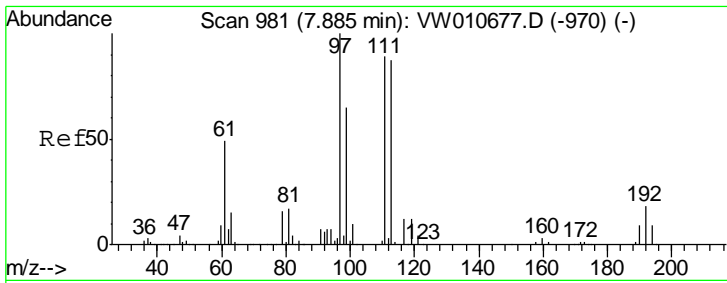
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 6/13/2019 11:31:51 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
114	379334		
114	100		
63	24.7	0.0	46.4
88	16.6	0.0	32.2



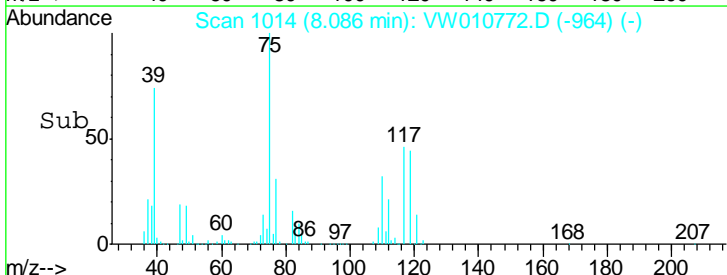
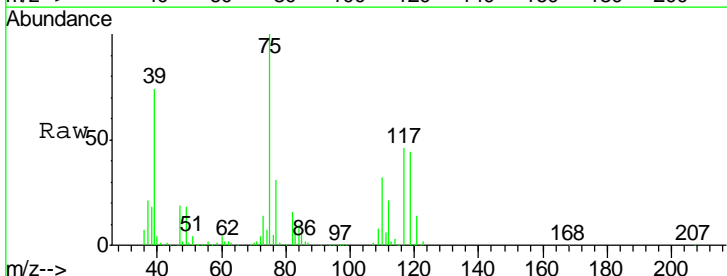
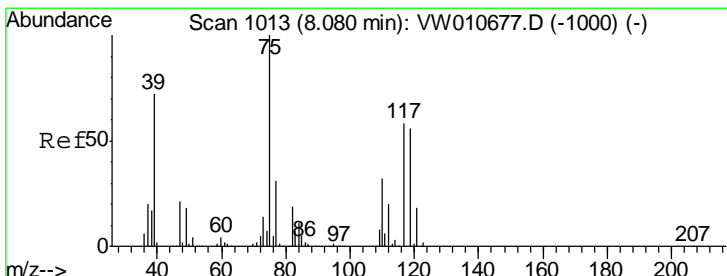
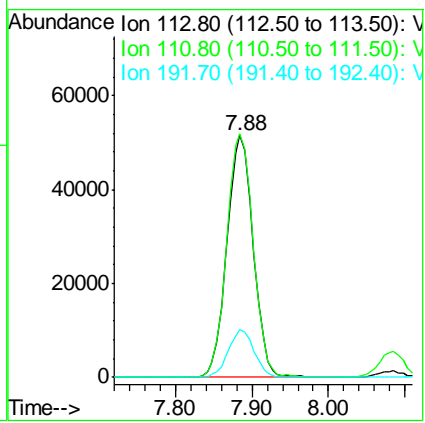


#35  
 Dibromofluoromethane  
 Concen: 59.277 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	19.3	16.4	24.6

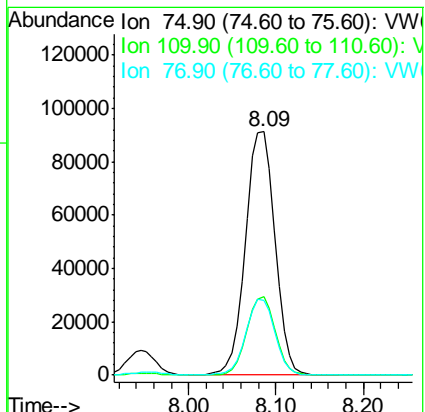
Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

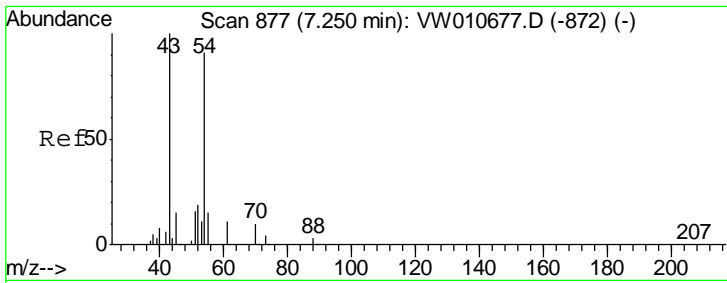
Manual Integrations APPROVED  
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 6/13/2019 11:31:51 AM



#36  
 1,1-Dichloropropene  
 Concen: 55.201 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
75	100		
110	31.3	15.8	47.3
77	30.7	24.7	37.1



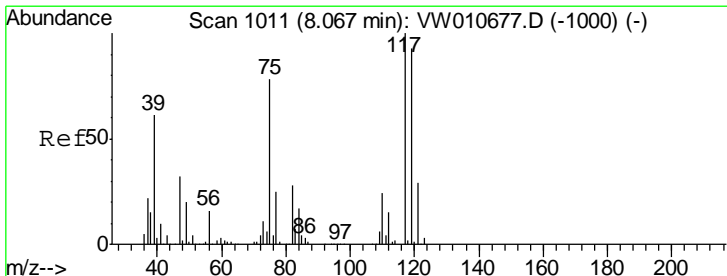
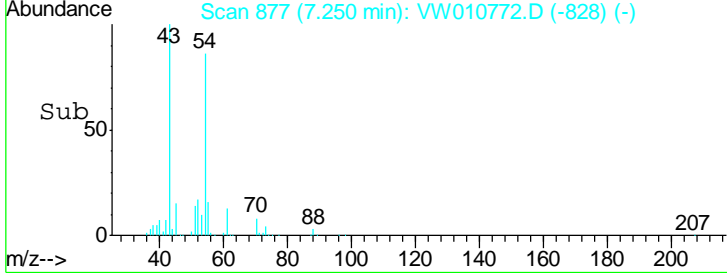
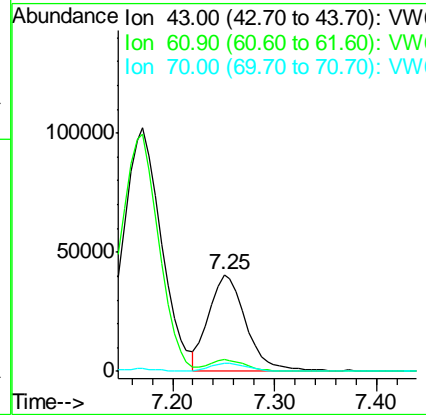
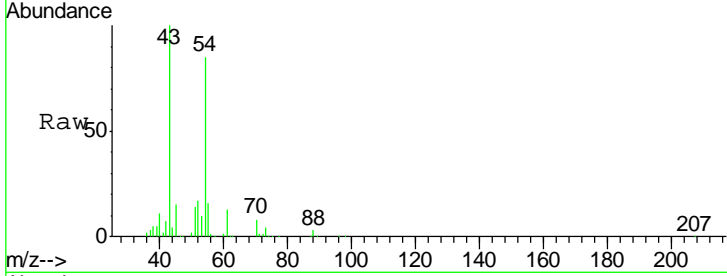


#37  
 Ethyl Acetate  
 Concen: 47.393 ug/l  
 RT: 7.25 min Scan# 877  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

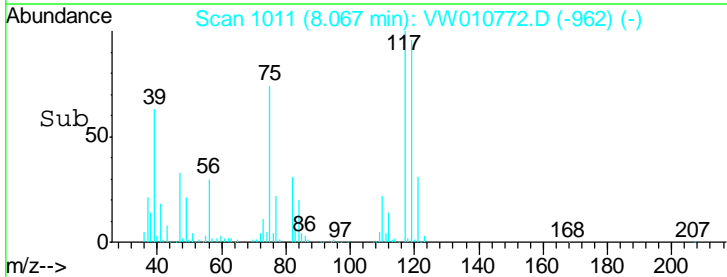
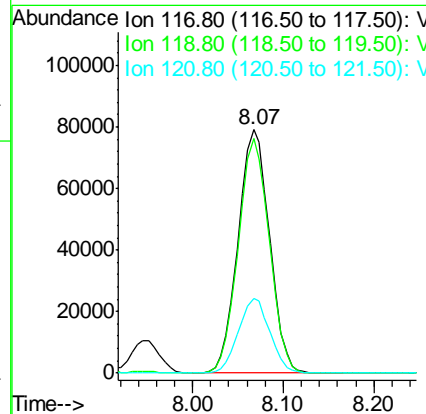
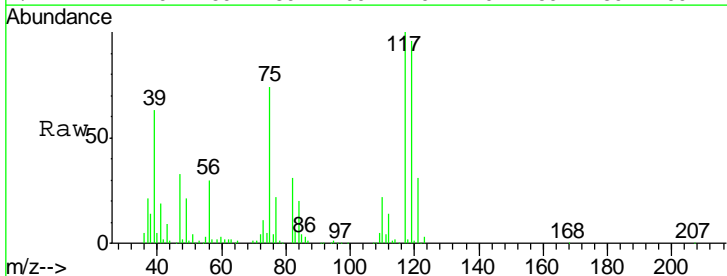
Tgt Ion	Resp	Lower	Upper
43	101974		
61	11.5	9.7	14.5
70	8.4	7.2	10.8

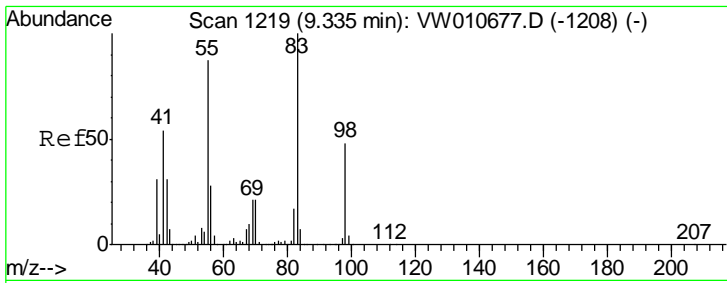
Manual Integrations  
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 6/13/2019 11:31:51 AM



#38  
 Carbon Tetrachloride  
 Concen: 56.869 ug/l  
 RT: 8.07 min Scan# 1011  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
117	190620		
119	96.1	74.2	111.4
121	30.7	22.9	34.3





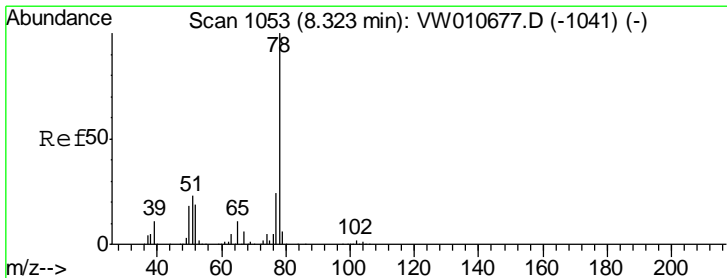
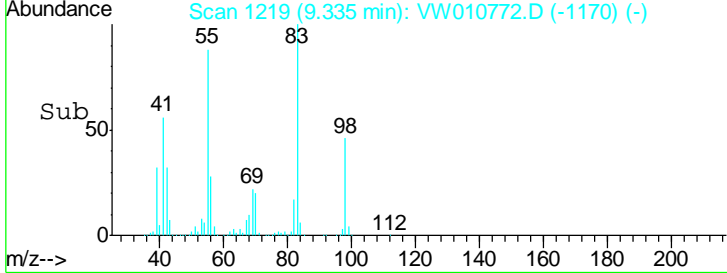
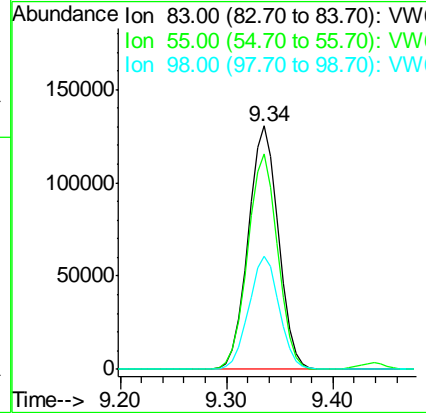
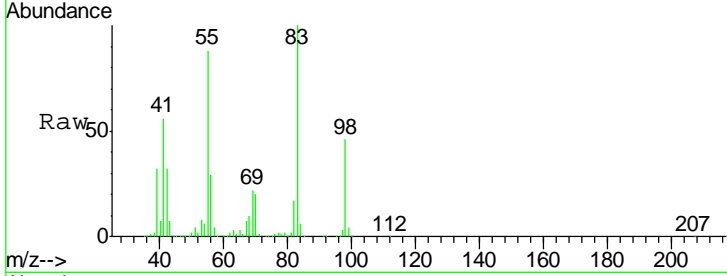
#39  
 Methylcyclohexane  
 Concen: 52.691 ug/l  
 RT: 9.34 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	260088		
83	100		
55	88.4	70.0	105.0
98	46.4	38.1	57.1

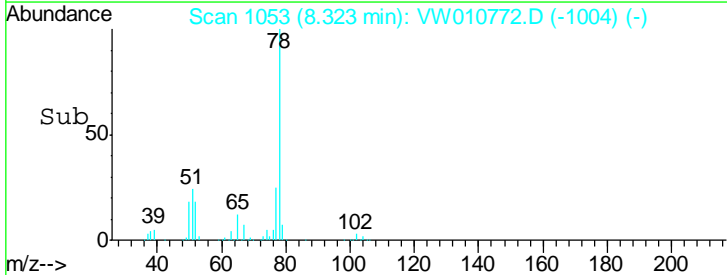
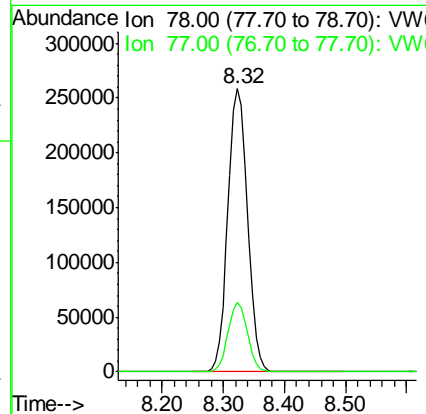
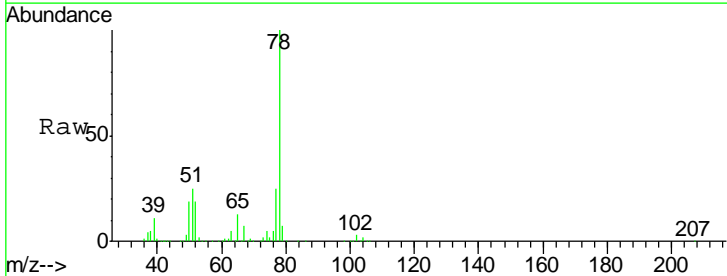
**Manual Integrations**  
**APPROVED**

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 6/13/2019 11:31:51 AM

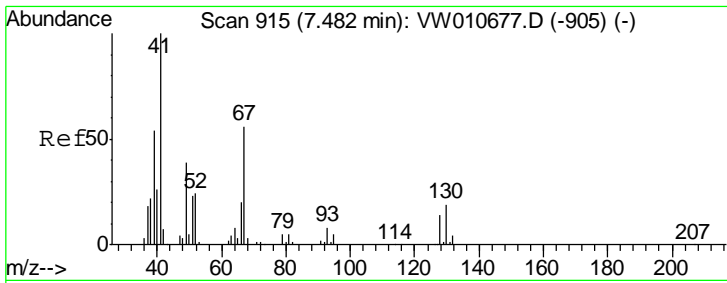


#40  
 Benzene  
 Concen: 54.190 ug/l  
 RT: 8.32 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
78	574021		
78	100		
77	24.6	19.1	28.7







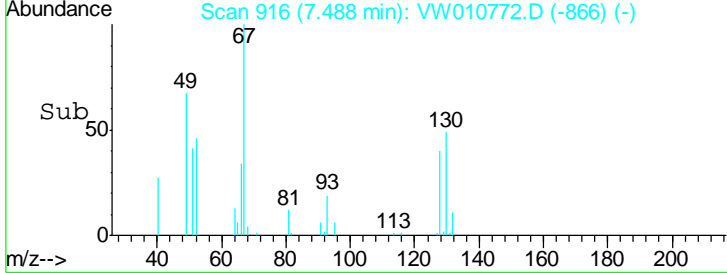
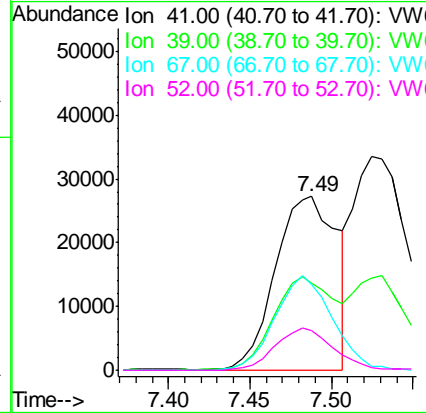
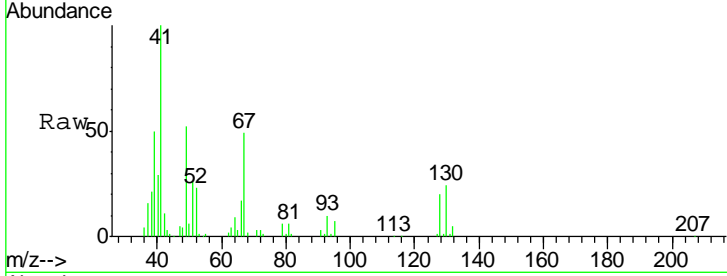
#41  
 Methacrylonitrile  
 Concen: 55.577 ug/l  
 RT: 7.49 min Scan# 916  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
41	100		
39	53.1	47.3	70.9
67	51.5	47.2	70.8
52	23.8	21.3	31.9

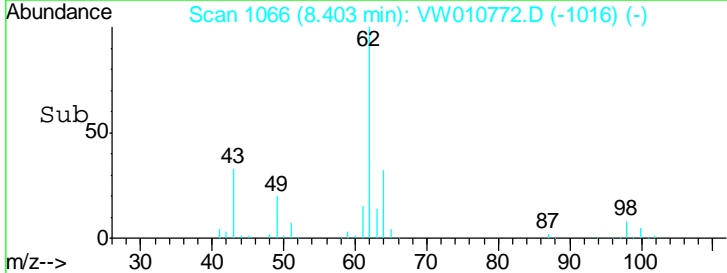
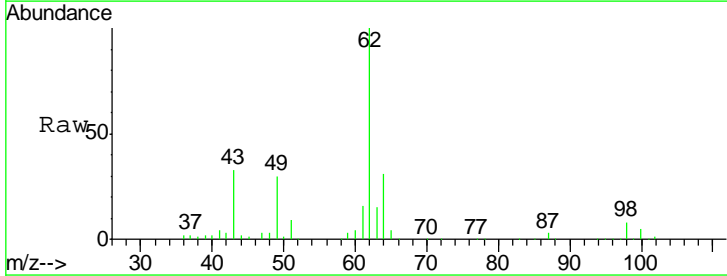
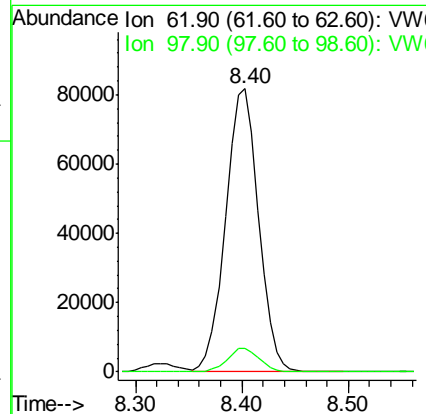
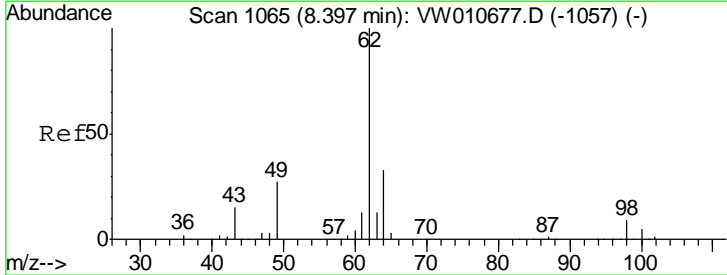
Manual Integrations  
 APPROVED

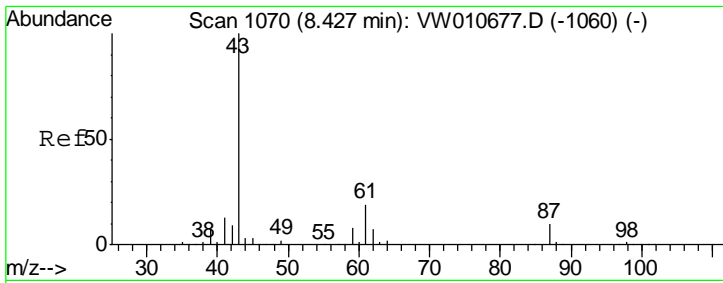
MMDadoda  
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#42  
 1,2-Dichloroethane  
 Concen: 52.550 ug/l  
 RT: 8.40 min Scan# 1066  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
62	100		
98	8.3	0.0	17.2





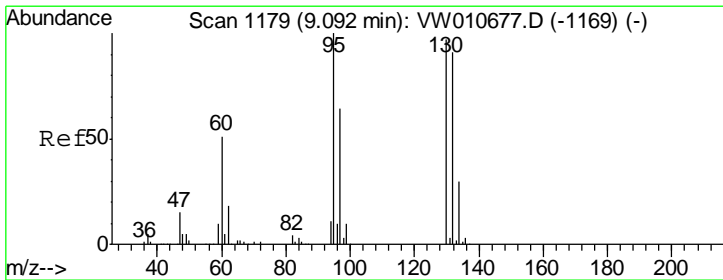
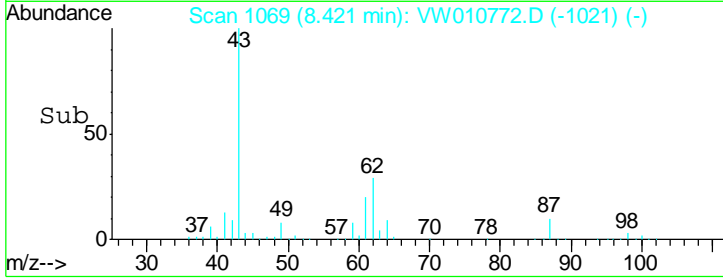
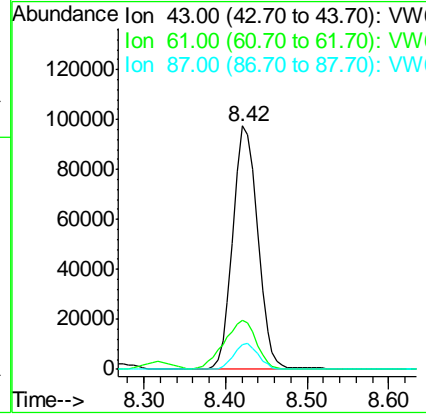
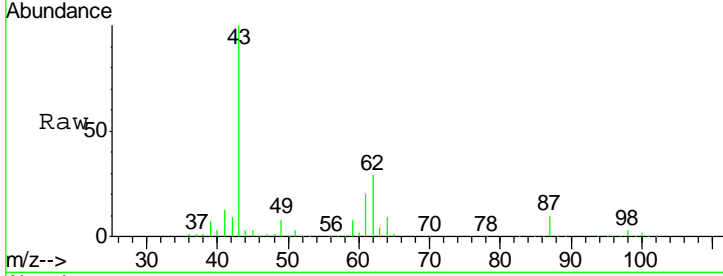
#43  
 Isopropyl Acetate  
 Concen: 49.340 ug/l  
 RT: 8.42 min Scan# 1069  
 Delta R.T. -0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	26.4	21.2	31.8
87	10.5	8.3	12.5

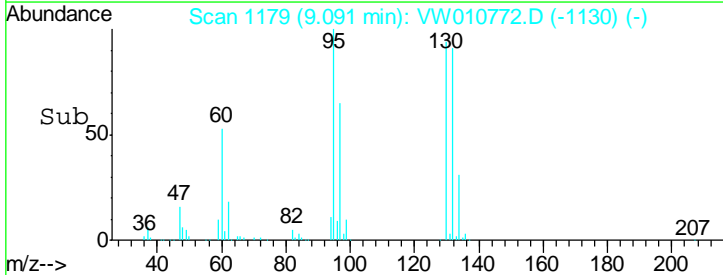
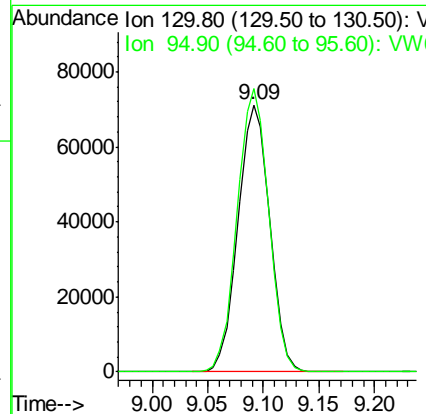
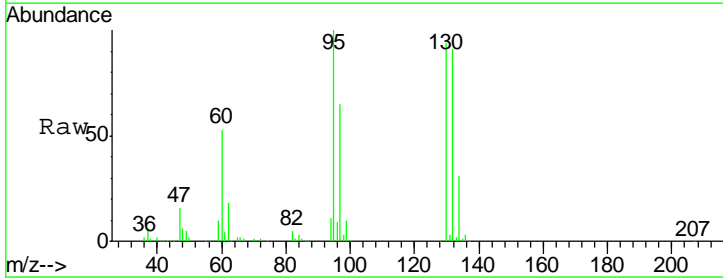
**Manual Integrations**  
**APPROVED**

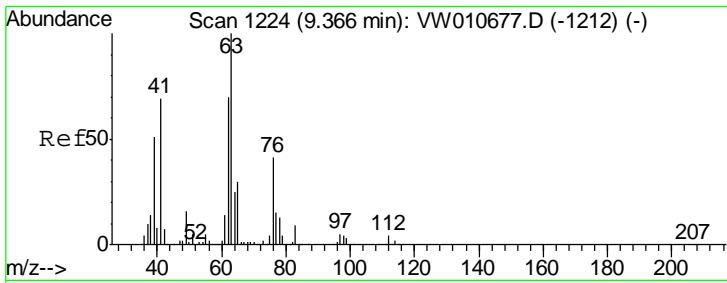
MMDadoda  
 6/13/2019 11:31:51 AM



#44  
 Trichloroethene  
 Concen: 53.864 ug/l  
 RT: 9.09 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
130	100		
95	106.0	0.0	207.0



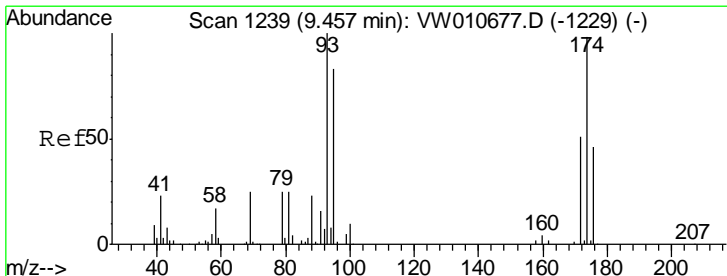
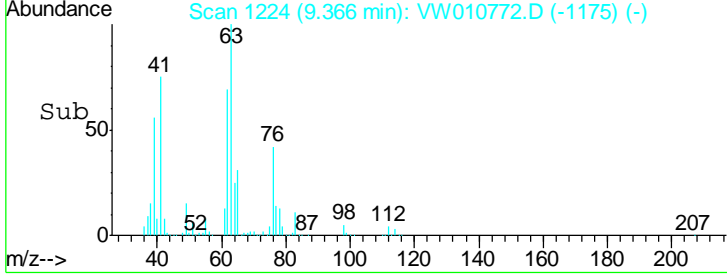
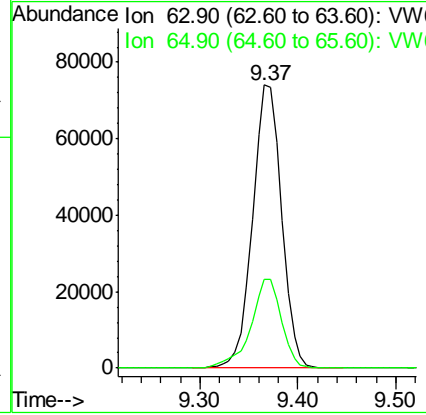
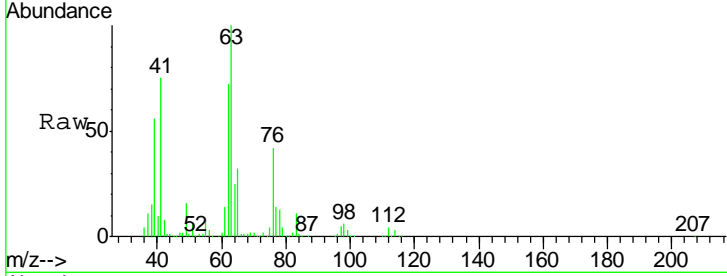


#45  
 1,2-Dichloropropane  
 Concen: 54.234 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

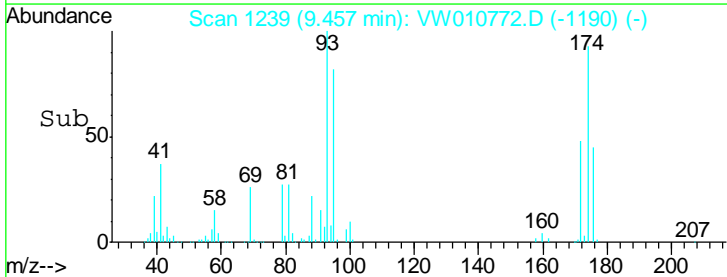
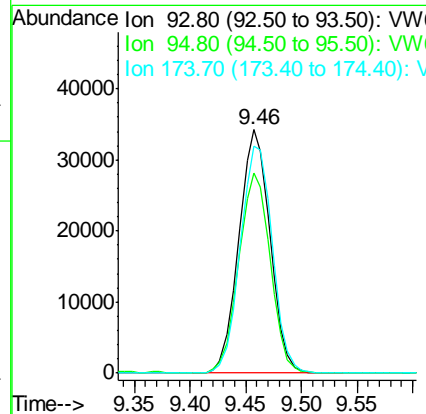
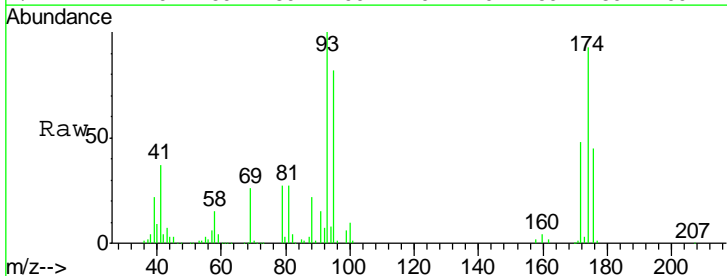
Tgt Ion	Resp	Lower	Upper
63	152075		
63	100		
65	31.6	23.8	35.6

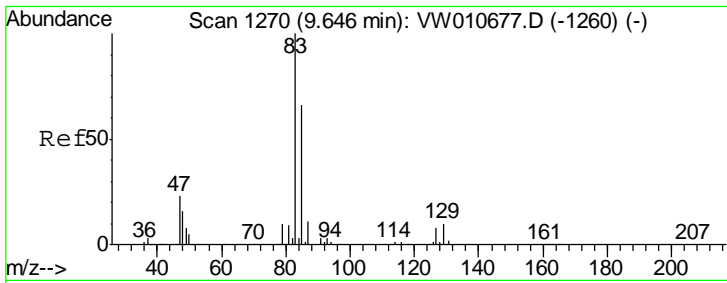
Manual Integrations  
**APPROVED**  
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#46  
 Dibromomethane  
 Concen: 50.909 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

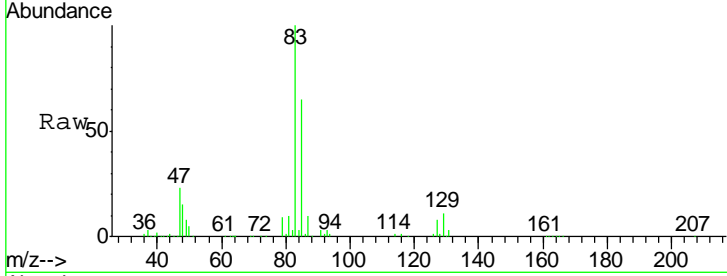
Tgt Ion	Resp	Lower	Upper
93	66305		
93	100		
95	83.3	65.8	98.8
174	95.8	77.4	116.0





#47  
 Bromodichloromethane  
 Concen: 55.218 ug/l  
 RT: 9.65 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

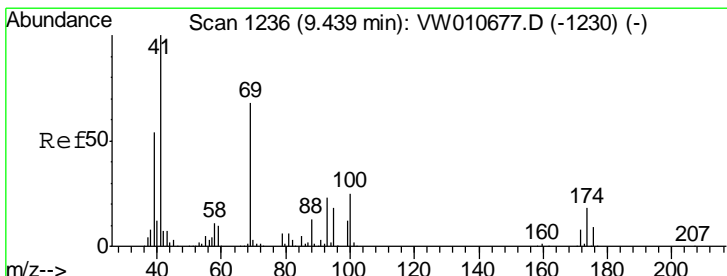
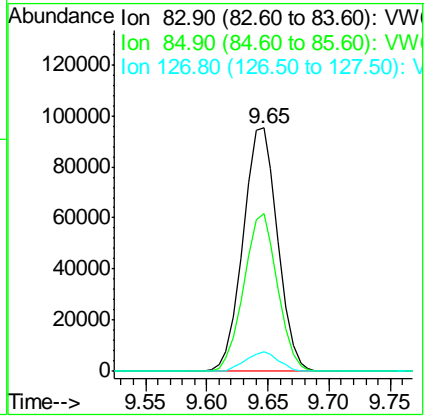
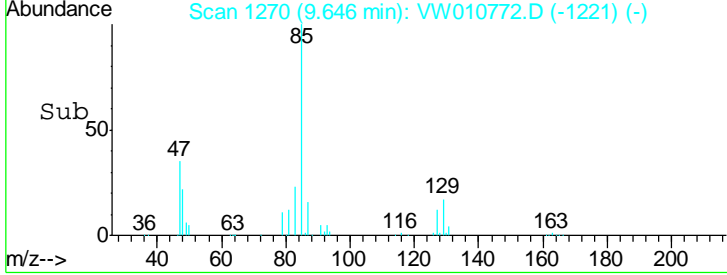
Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050



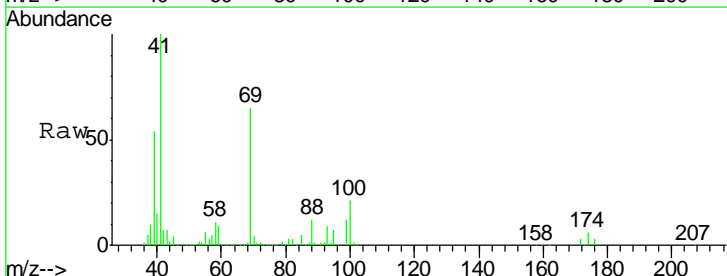
Tgt Ion: 83 Resp: 186419

Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.0	79.4
127	7.9	6.4	9.6

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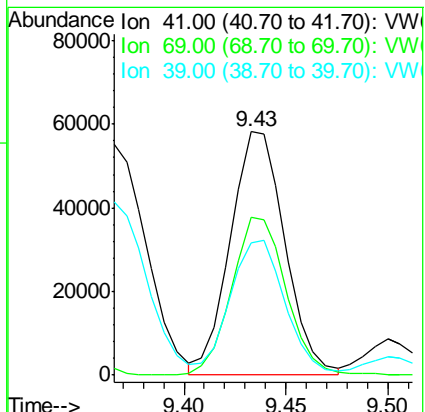
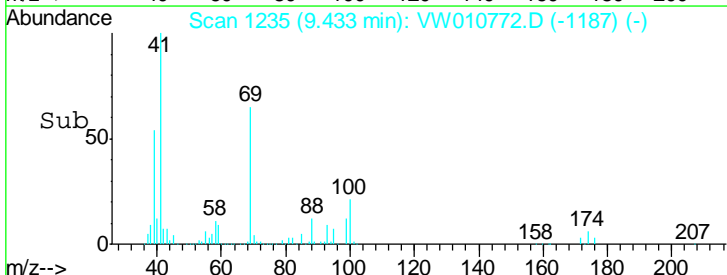


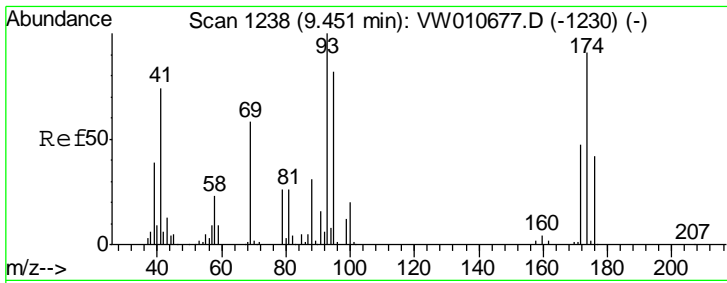
#48  
 Methyl methacrylate  
 Concen: 53.817 ug/l  
 RT: 9.43 min Scan# 1235  
 Delta R.T. -0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59



Tgt Ion: 41 Resp: 107863

Ion	Ratio	Lower	Upper
41	100		
69	65.3	56.6	85.0
39	52.2	44.4	66.6





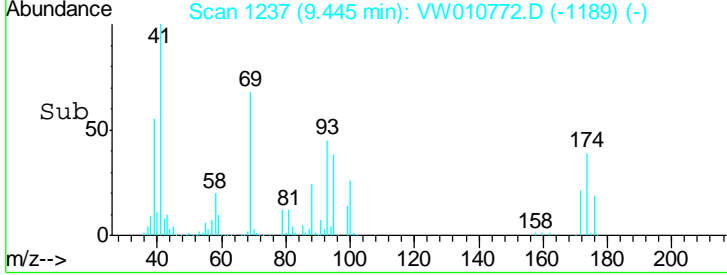
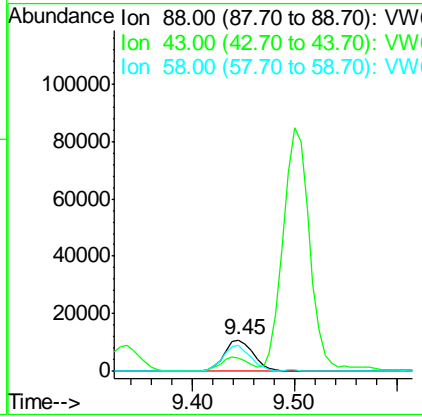
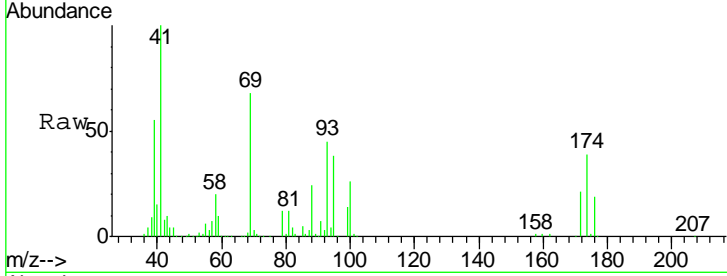
#49  
 1,4-Dioxane  
 Concen: 1078.299 ug/l  
 RT: 9.45 min Scan# 1237  
 Delta R.T. -0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
88	21957		
88	100		
43	42.4	34.2	51.4
58	79.8	69.0	103.4

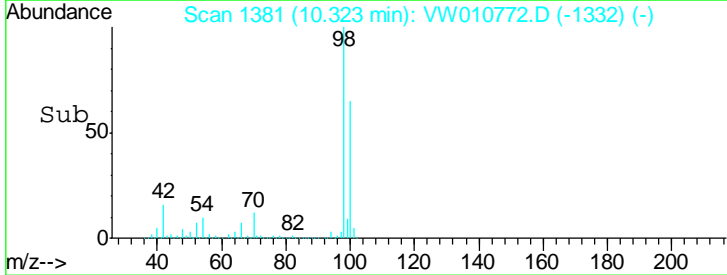
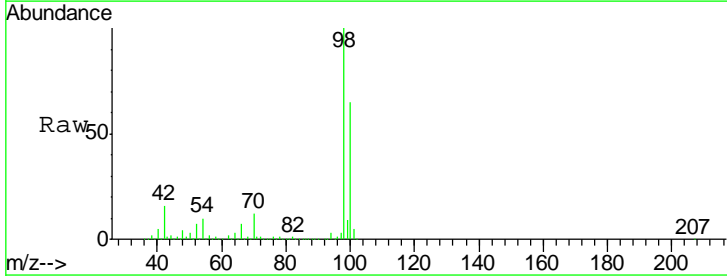
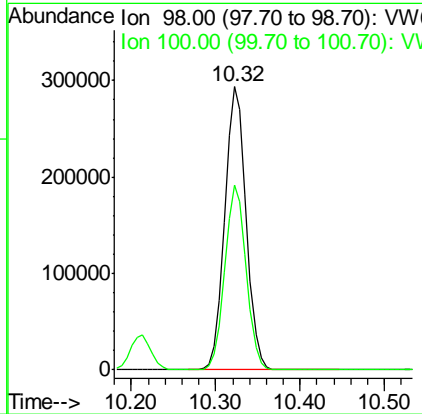
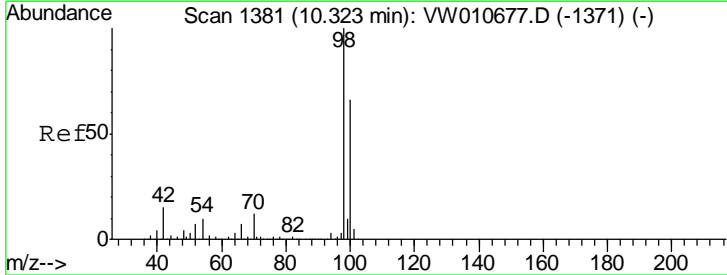
**Manual Integrations**  
**APPROVED**

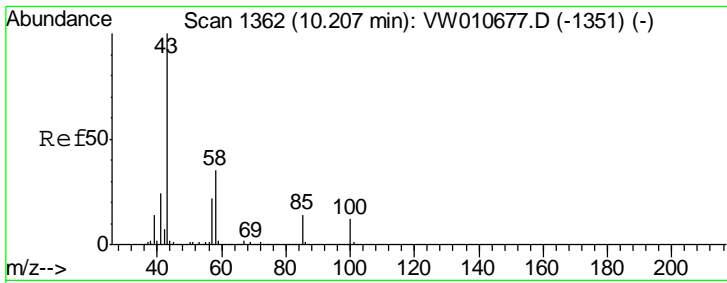
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#50  
 Toluene-d8  
 Concen: 56.528 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
98	510378		
98	100		
100	65.1	53.0	79.6





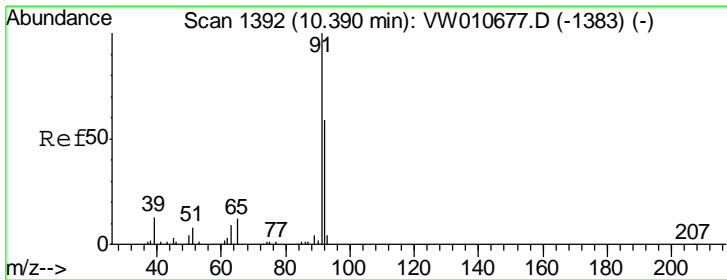
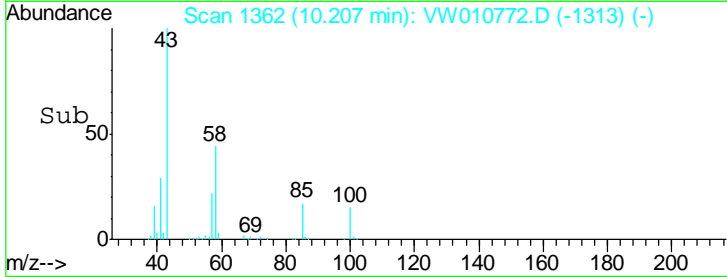
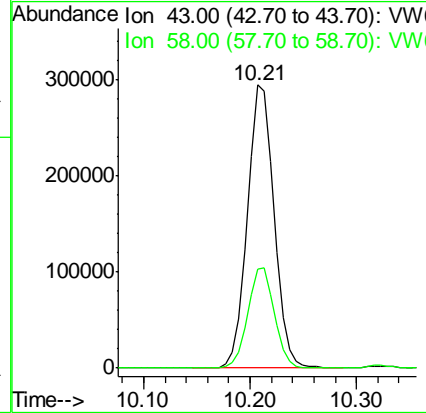
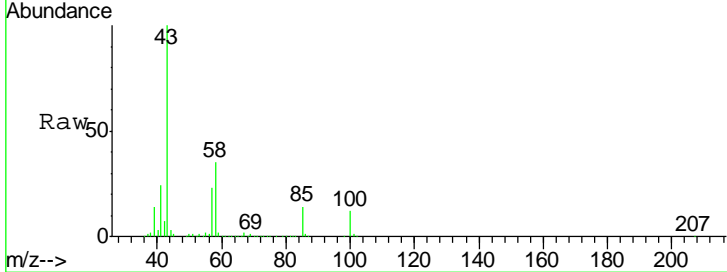
#51  
 4-Methyl-2-Pentanone  
 Concen: 244.311 ug/l  
 RT: 10.21 min Scan# 1362  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.4	42.6

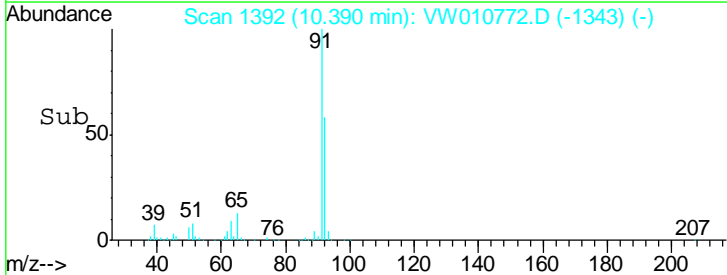
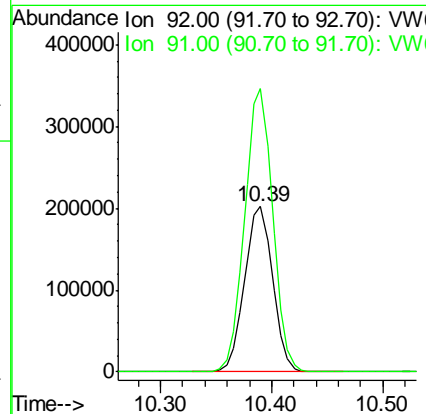
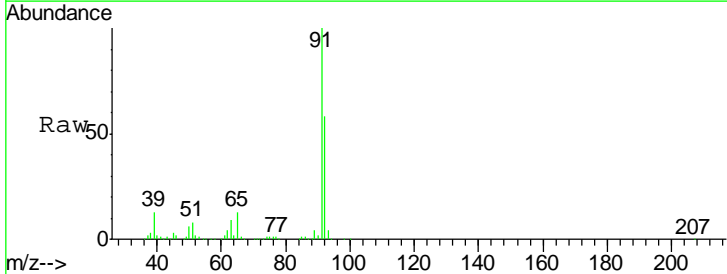
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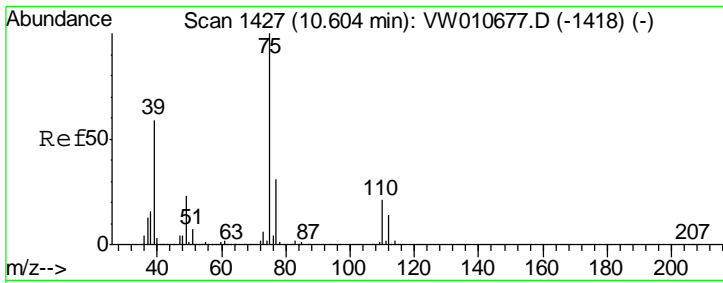
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#52  
 Toluene  
 Concen: 54.444 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.6	134.9	202.3





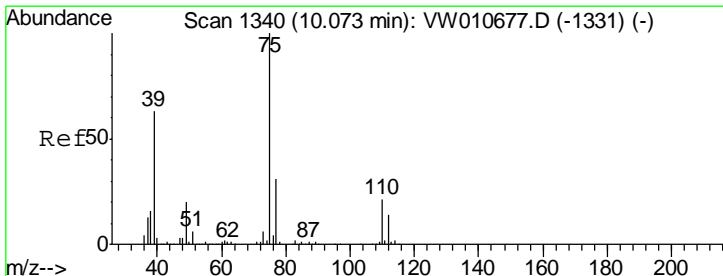
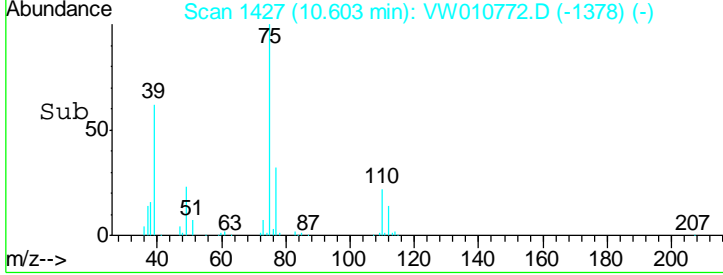
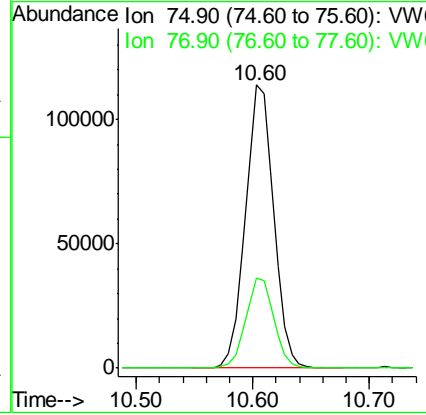
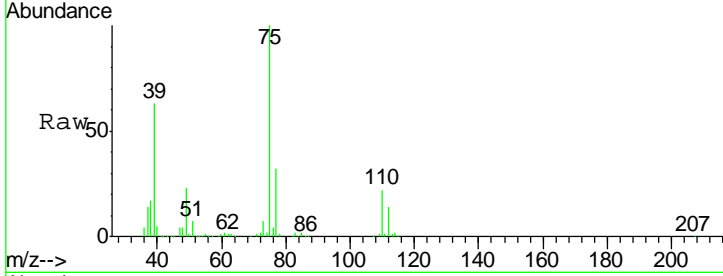
#53  
 t-1,3-Dichloropropene  
 Concen: 53.987 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
75	193053		
75	100		
77	31.8	24.6	36.8

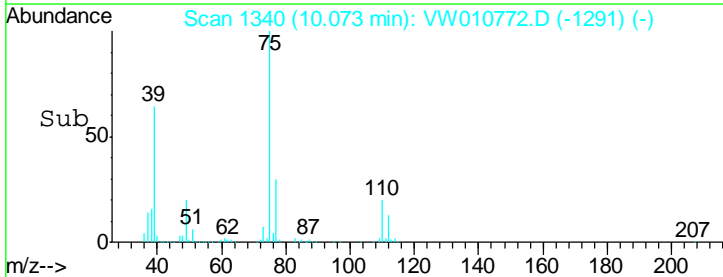
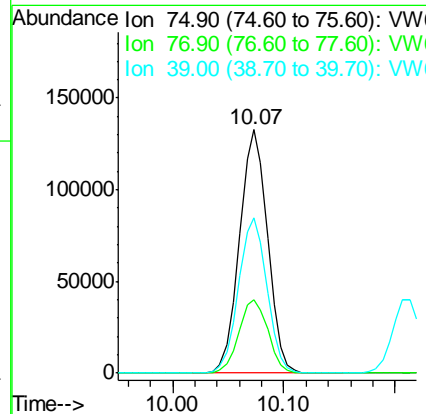
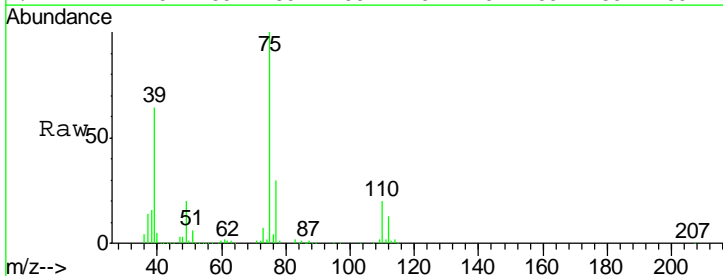
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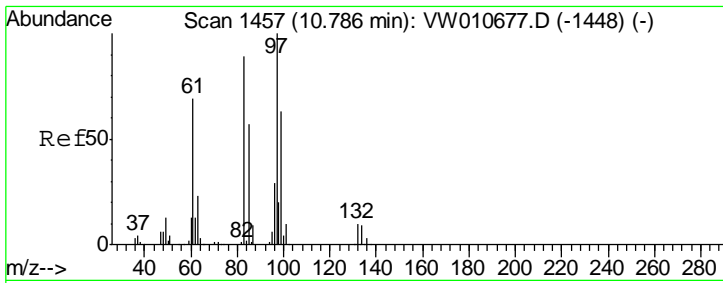
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#54  
 cis-1,3-Dichloropropene  
 Concen: 55.058 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
75	231676		
75	100		
77	30.3	25.2	37.8
39	63.5	50.1	75.1





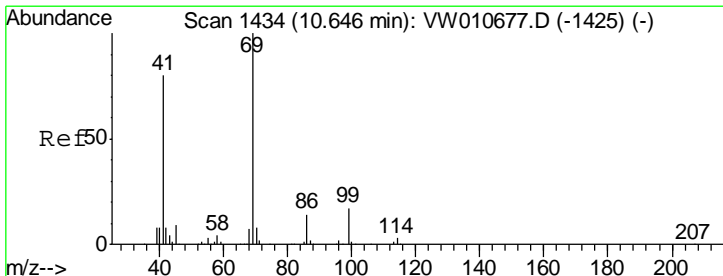
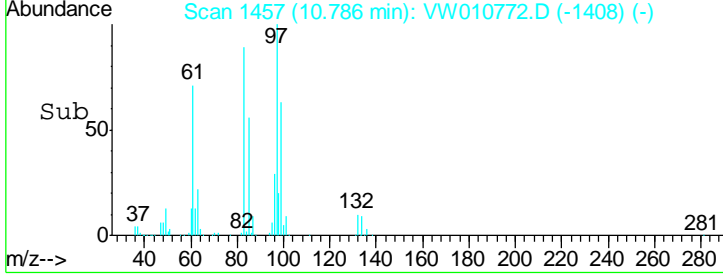
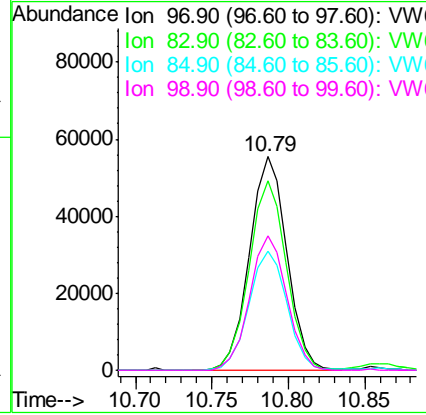
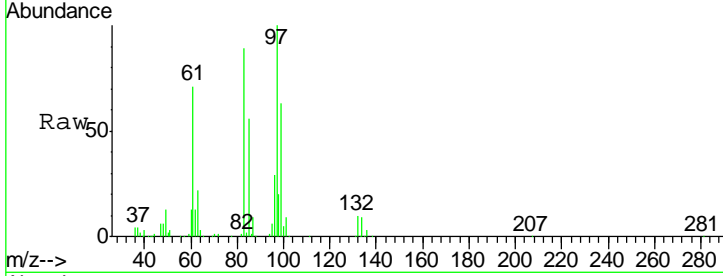
#55  
 1,1,2-Trichloroethane  
 Concen: 50.401 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
97	100		
83	88.6	71.1	106.7
85	55.6	45.2	67.8
99	62.7	50.0	75.0

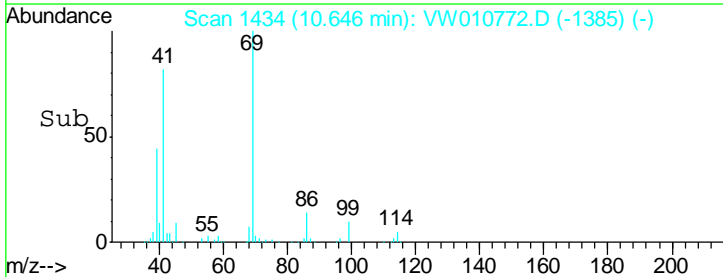
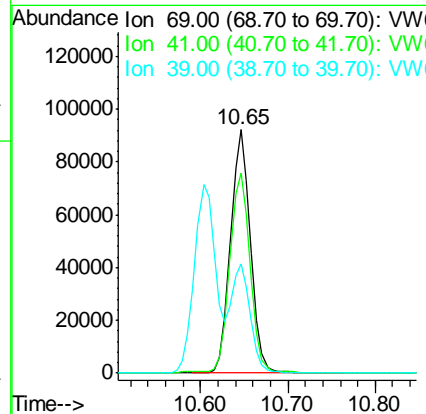
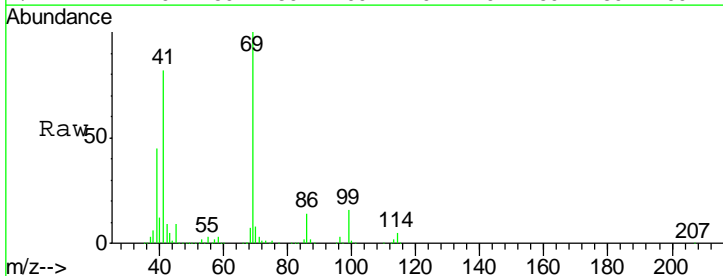
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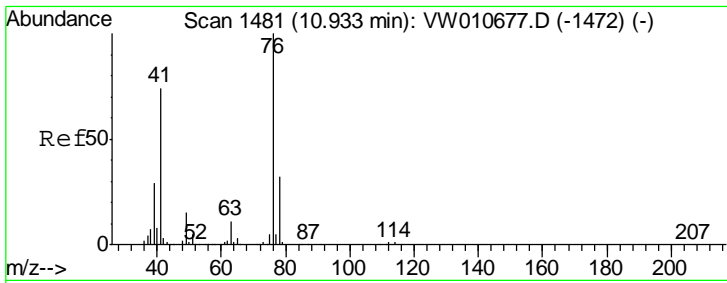


#56  
 Ethyl methacrylate  
 Concen: 50.350 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
69	100		
41	83.4	64.8	97.2
39	42.3	32.2	48.2





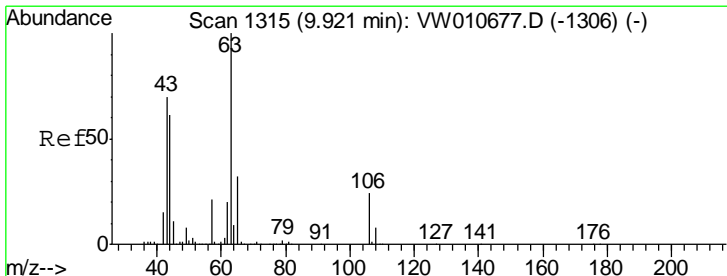
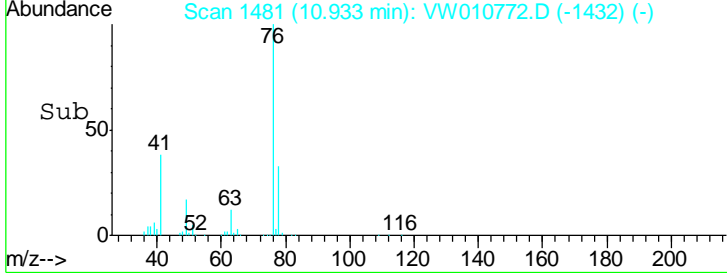
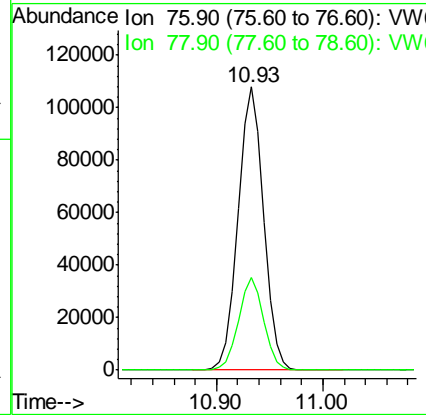
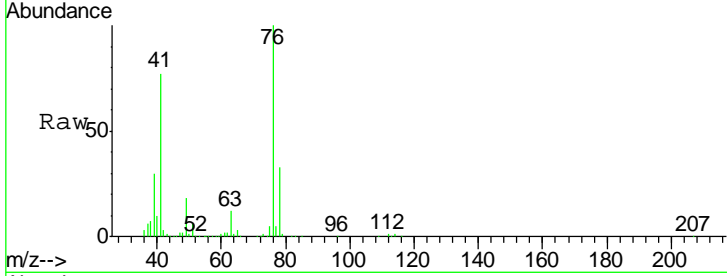


#57  
 1,3-Dichloropropane  
 Concen: 51.311 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

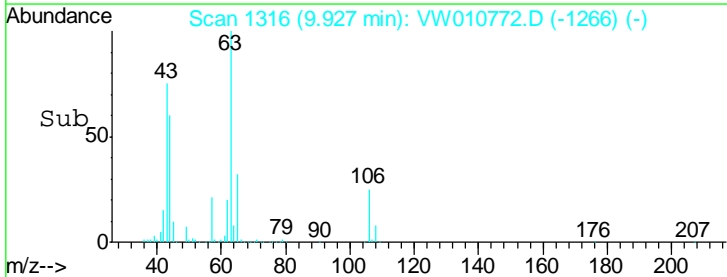
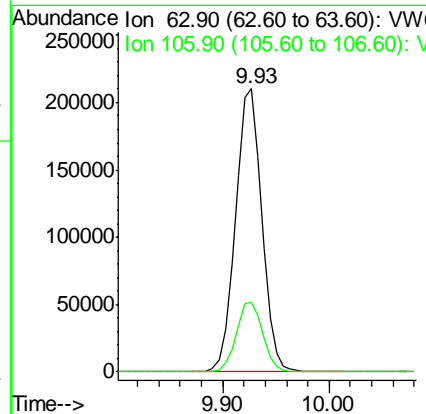
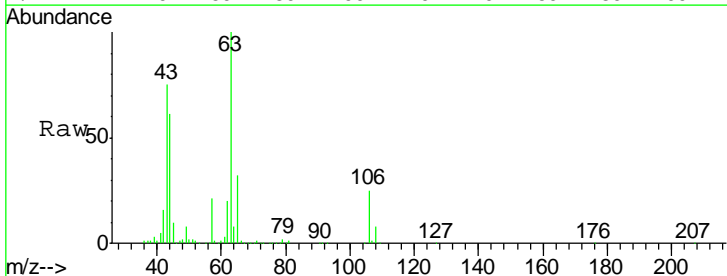
Tgt Ion	Resp	Lower	Upper
76	181429		
76	100		
78	32.3	25.7	38.5

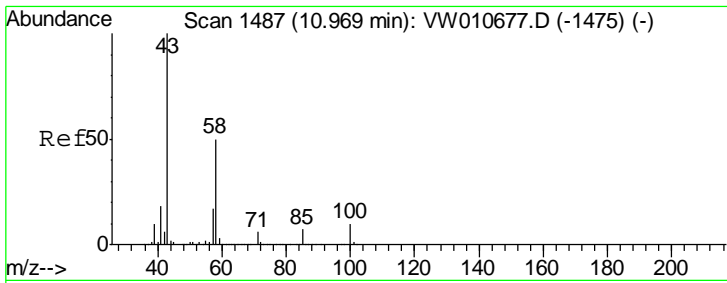
Manual Integrations  
**APPROVED**  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 241.034 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
63	364487		
63	100		
106	24.8	20.1	30.1



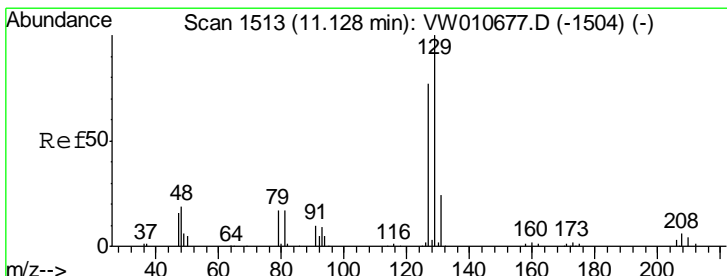
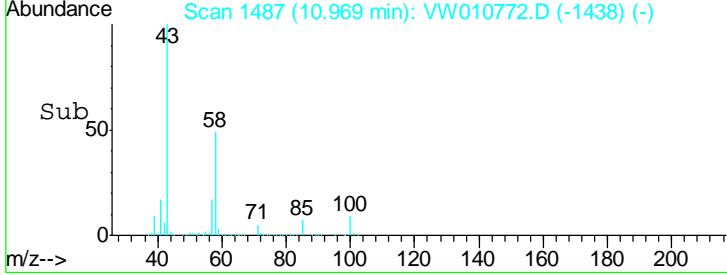
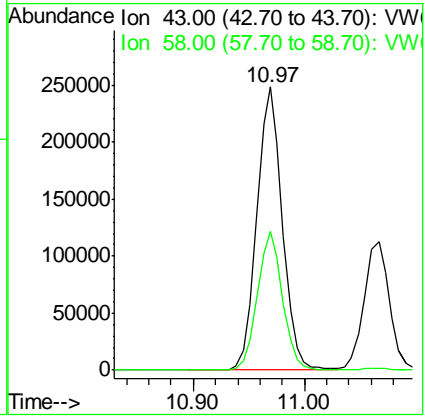
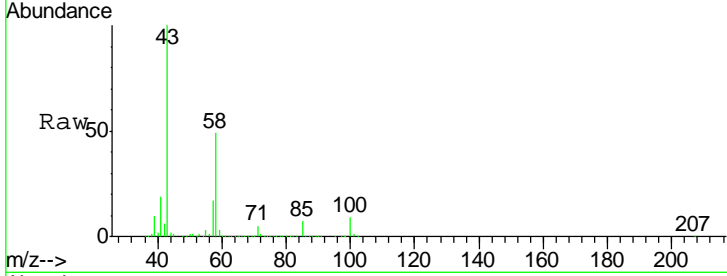


#59  
 2-Hexanone  
 Concen: 257.216 ug/l  
 RT: 10.97 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 Client Sampled : VSTDC050

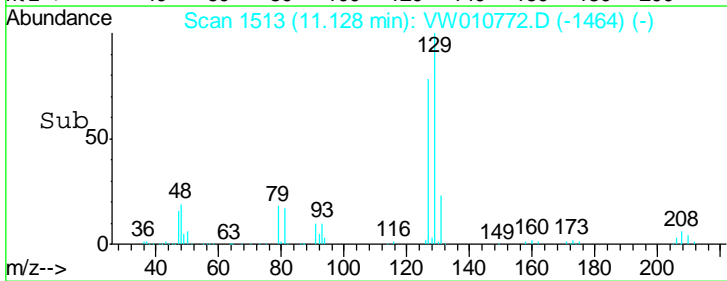
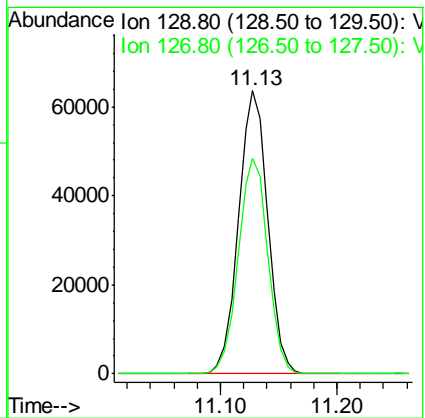
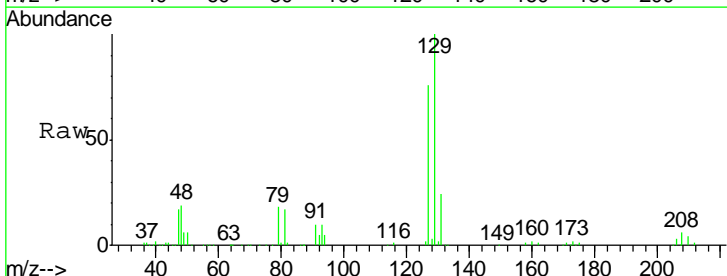
Tgt Ion	Resp	Lower	Upper
43	100		
58	48.3	24.9	74.6

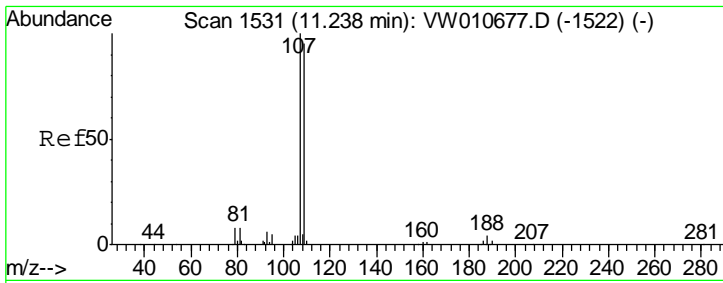
Manual Integrations APPROVED  
 MMDadoda  
 6/13/2019 11:31:51 AM



#60  
 Dibromochloromethane  
 Concen: 53.284 ug/l  
 RT: 11.13 min Scan# 1513  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
129	100		
127	77.1	38.6	116.0





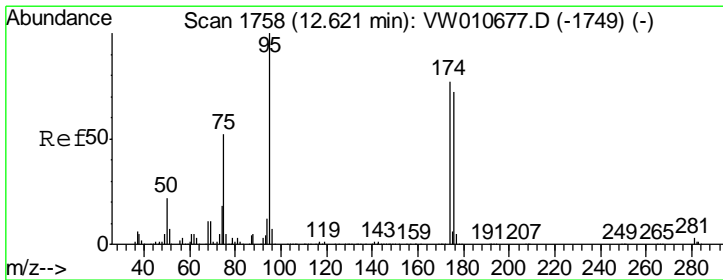
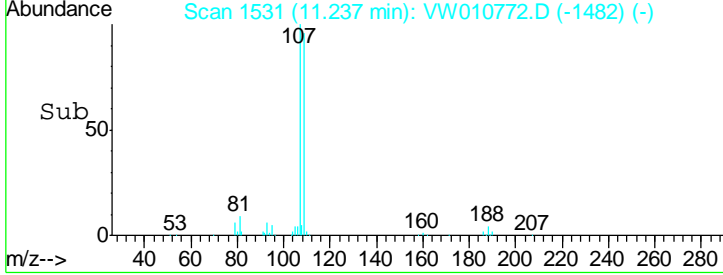
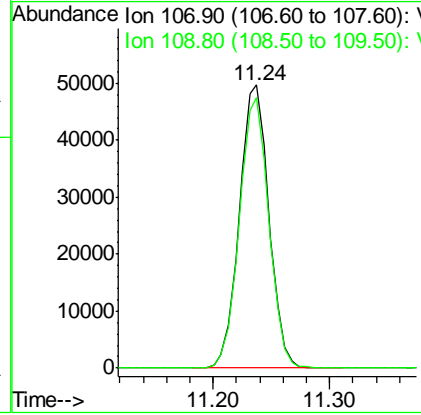
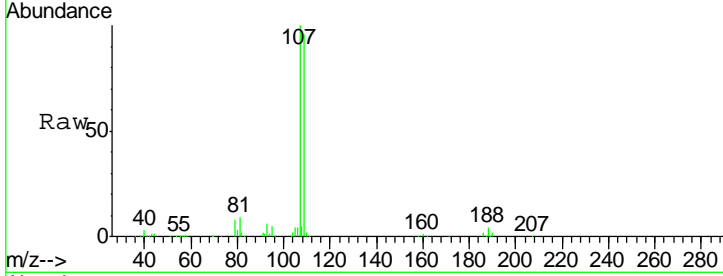
#61  
 1,2-Dibromoethane  
 Concen: 49.433 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
107	100		
109	95.1	75.8	113.8

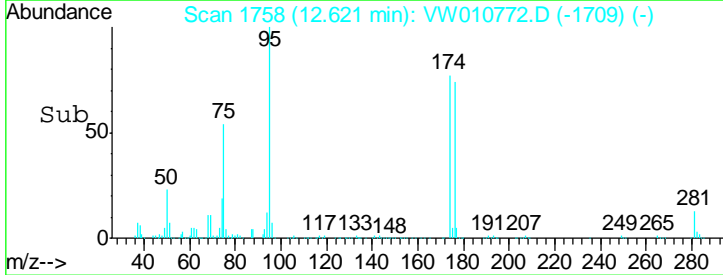
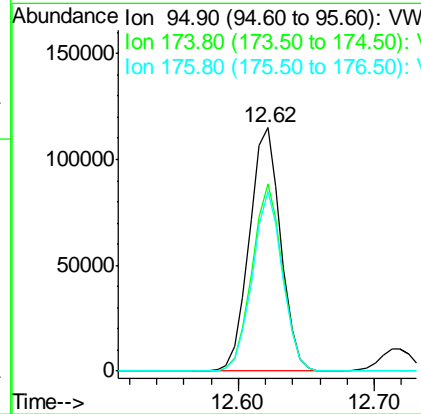
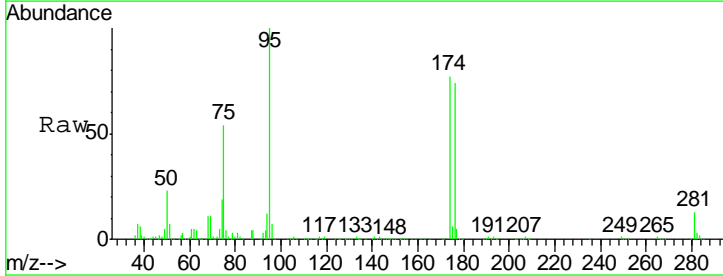
Manual Integrations  
 APPROVED

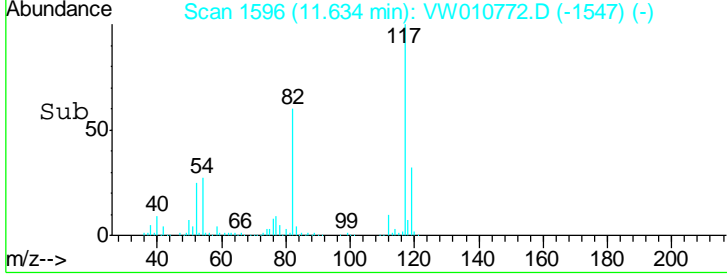
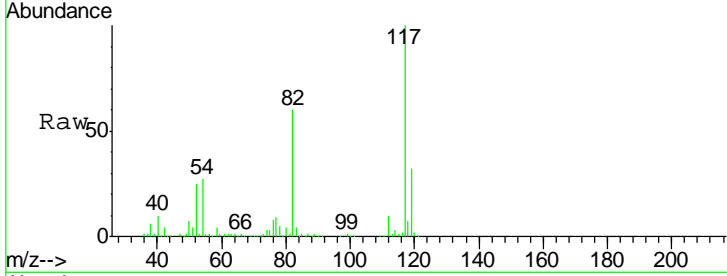
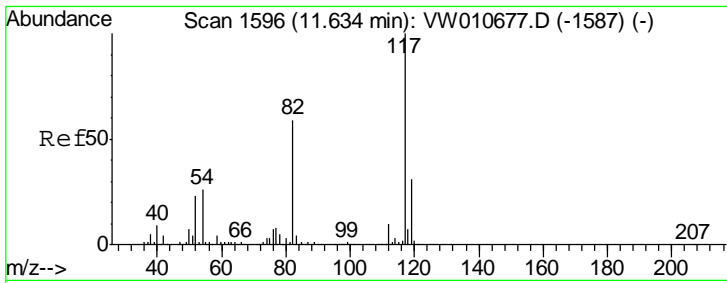
MMDadoda  
 6/13/2019 11:31:51 AM



#62  
 4-Bromofluorobenzene  
 Concen: 56.428 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
95	100		
174	74.5	0.0	150.4
176	71.1	0.0	144.8



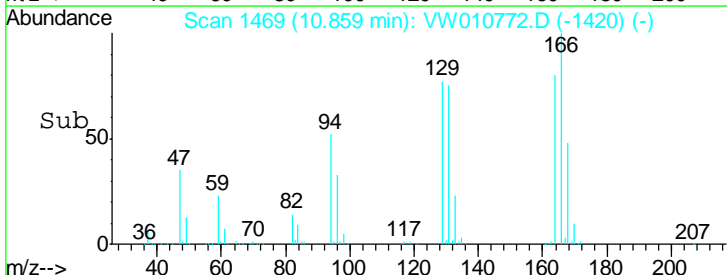
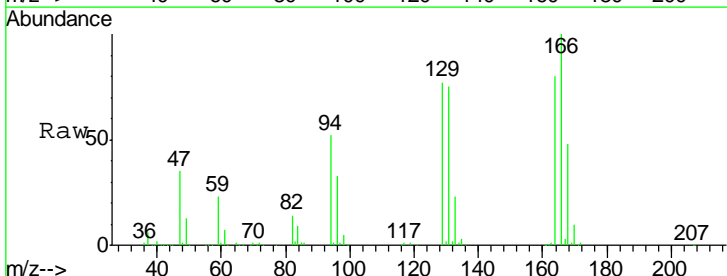
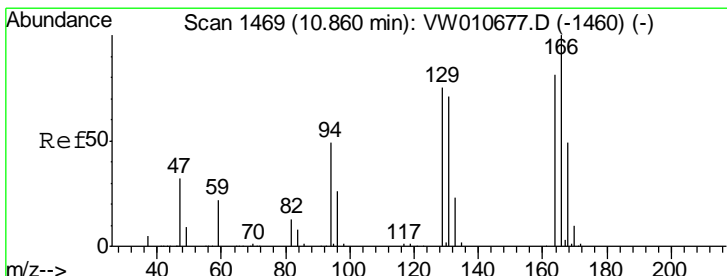
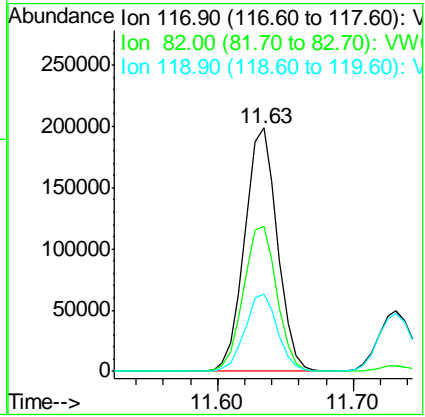


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
117	100		
82	59.8	47.0	70.4
119	31.6	25.1	37.7

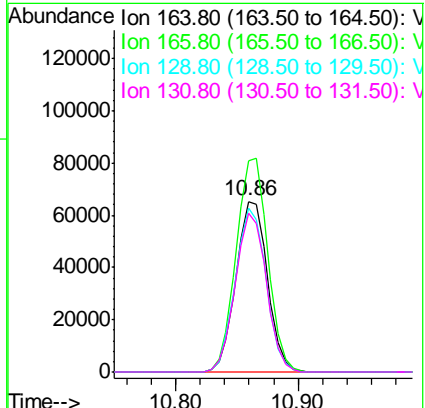
Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

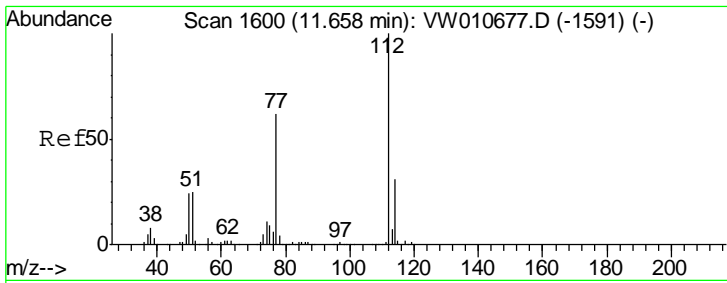
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#64  
 Tetrachloroethene  
 Concen: 52.305 ug/l  
 RT: 10.86 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
164	100		
166	124.3	99.2	148.8
129	96.1	74.6	112.0
131	93.2	70.2	105.4



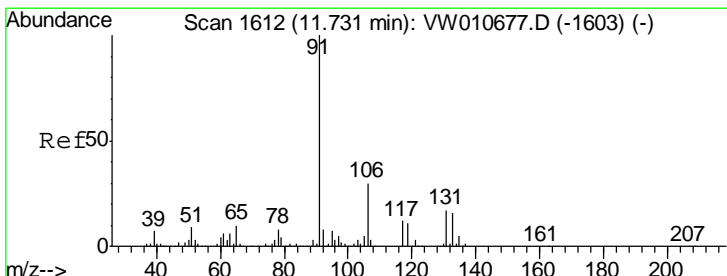
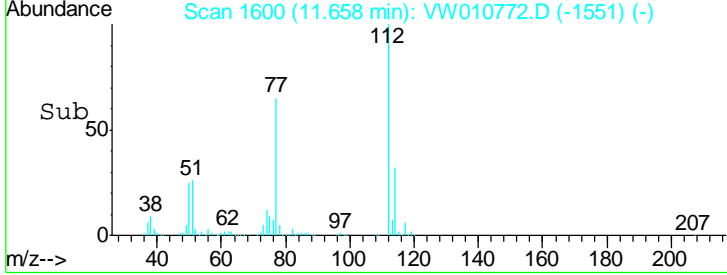
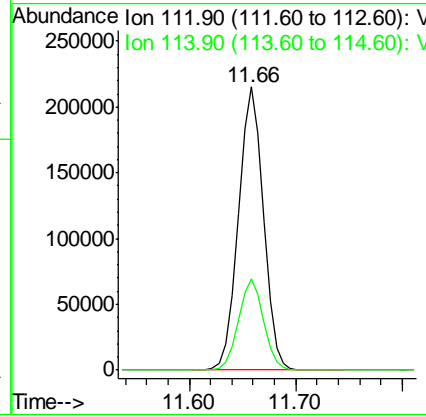
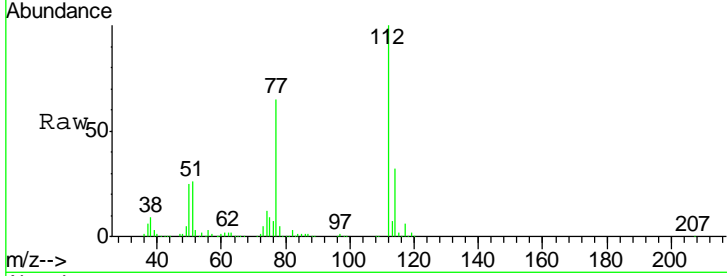


#65  
 Chlorobenzene  
 Concen: 54.026 ug/l  
 RT: 11.66 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

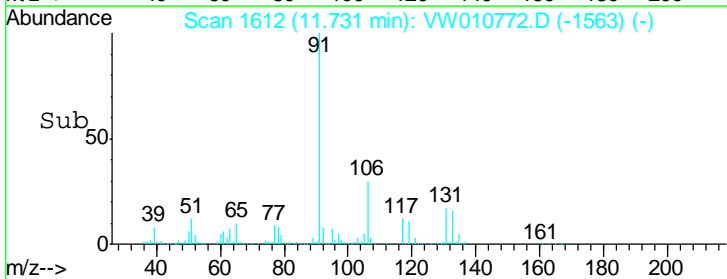
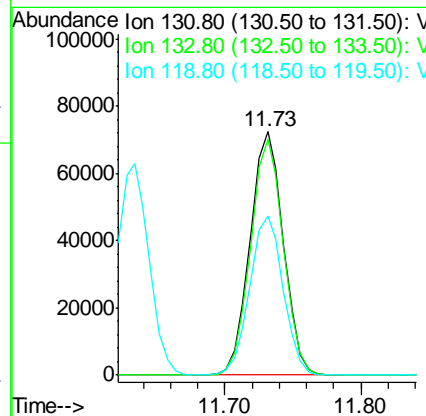
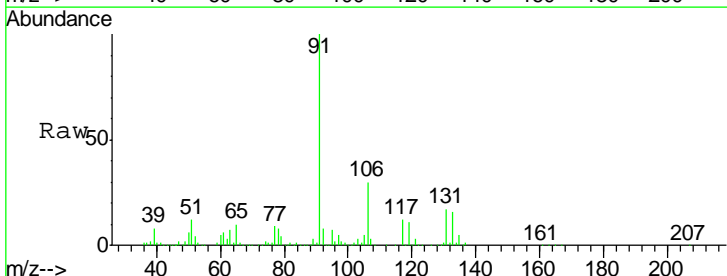
Tgt Ion	Resp	Lower	Upper
112	100		
114	32.1	24.8	37.2

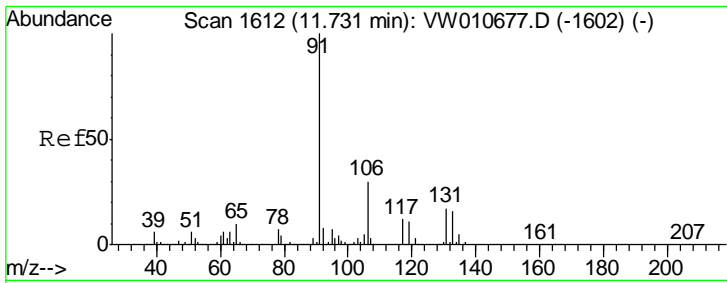
Manual Integrations  
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 54.604 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
131	100		
133	95.7	47.3	141.9
119	65.8	32.4	97.0



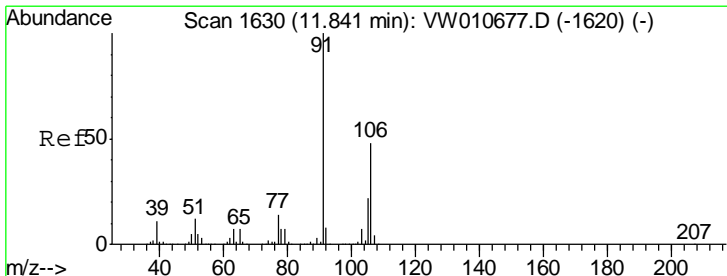
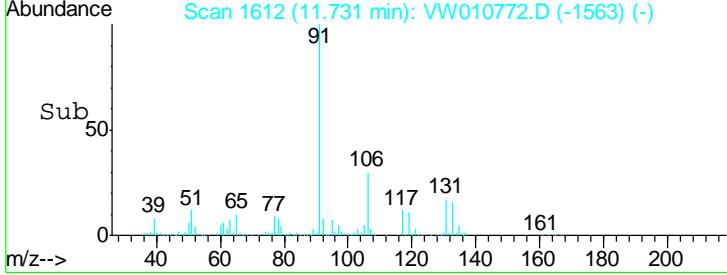
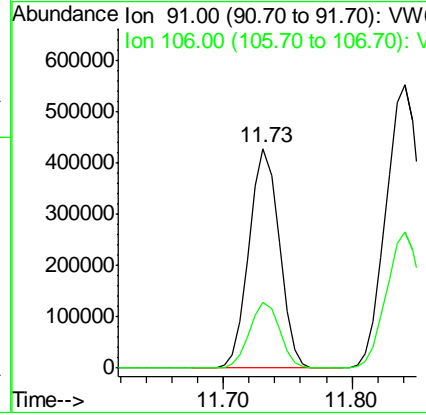
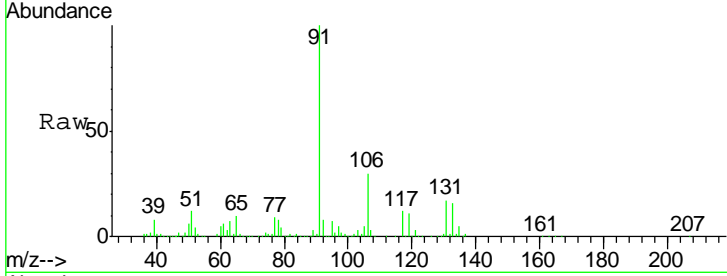


#67  
 Ethyl Benzene  
 Concen: 55.157 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

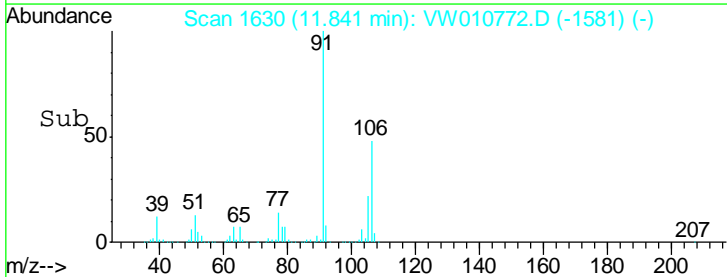
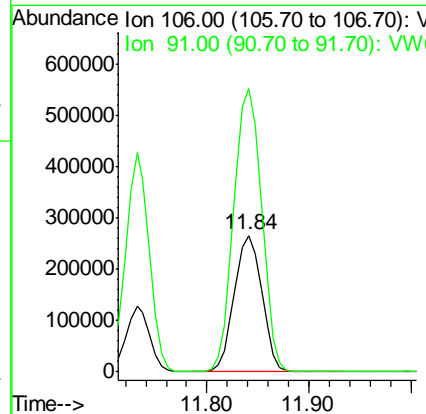
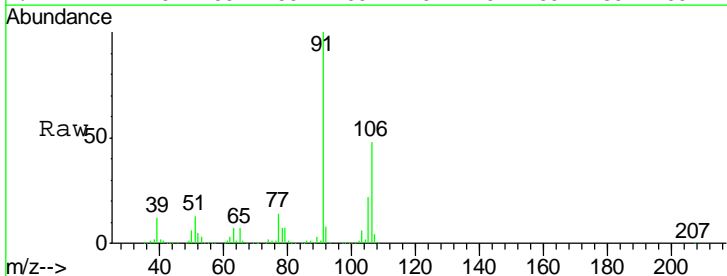
Tgt Ion: 91 Resp: 695935  
 Ion Ratio Lower Upper  
 91 100  
 106 30.0 24.2 36.4

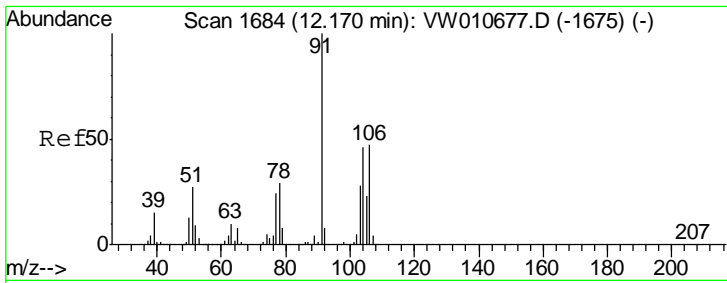
Manual Integrations  
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 6/13/2019 11:31:51 AM



#68  
 m/p-Xylenes  
 Concen: 110.491 ug/l  
 RT: 11.84 min Scan# 1630  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion: 106 Resp: 499054  
 Ion Ratio Lower Upper  
 106 100  
 91 209.9 166.5 249.7



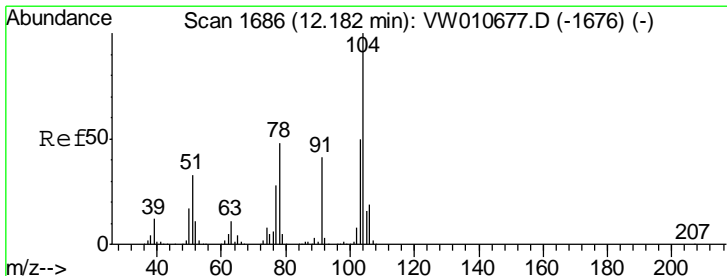
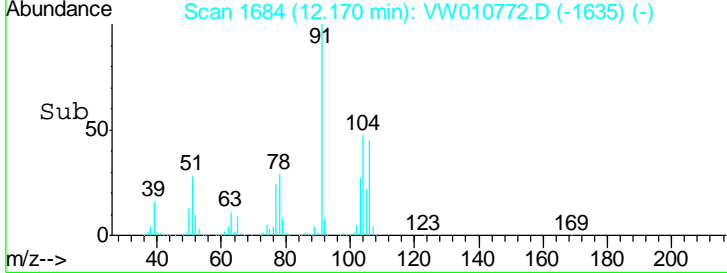
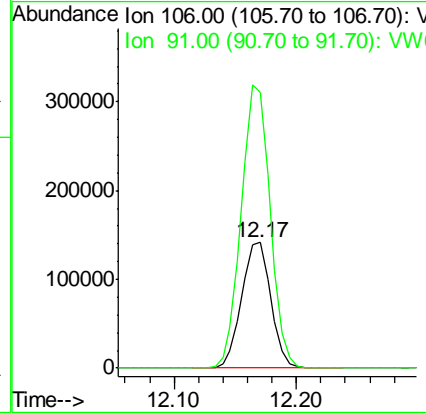
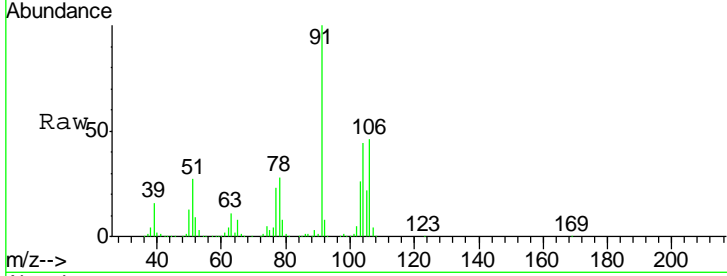


#69  
 o-Xylene  
 Concen: 54.676 ug/l  
 RT: 12.17 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

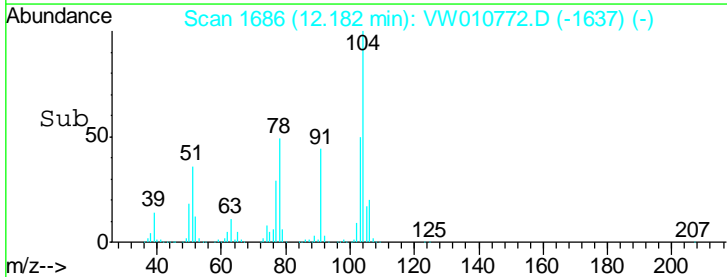
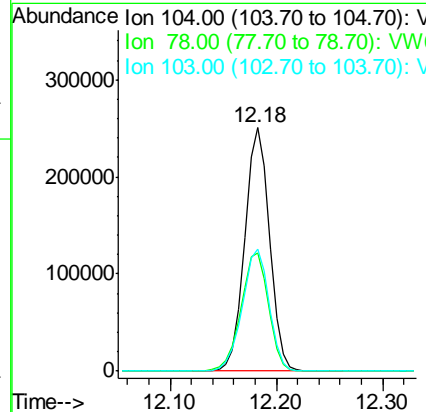
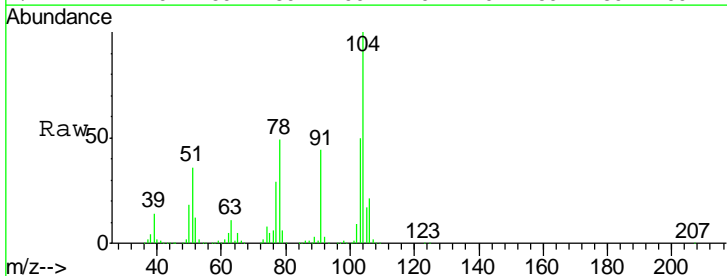
Tgt Ion	Resp	Lower	Upper
106	234218		
106	100		
91	223.2	108.9	326.6

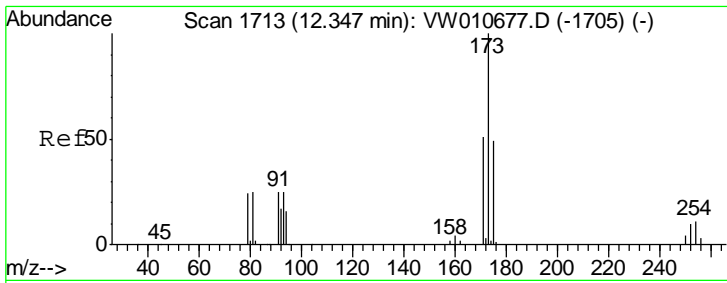
Manual Integrations  
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#70  
 Styrene  
 Concen: 54.972 ug/l  
 RT: 12.18 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
104	409069		
104	100		
78	53.9	42.7	64.1
103	54.0	43.6	65.4





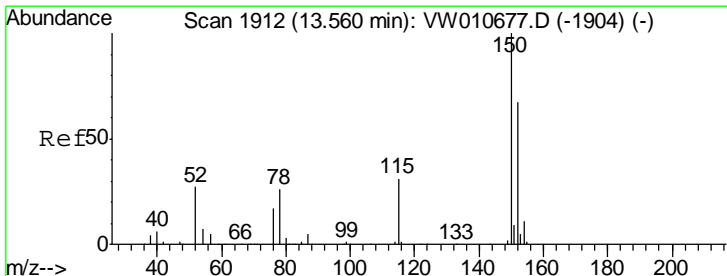
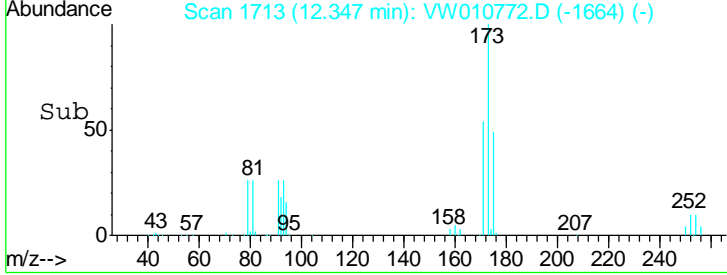
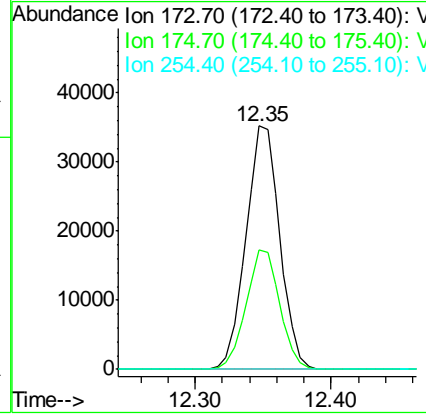
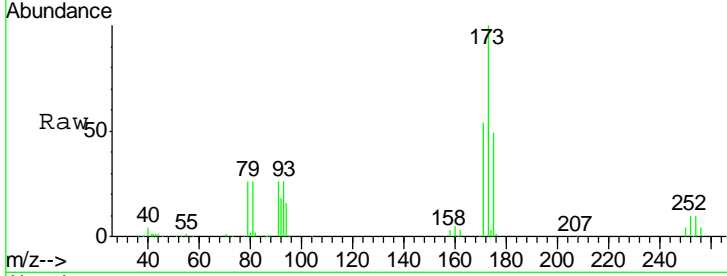
#71  
 Bromoform  
 Concen: 52.182 ug/l  
 RT: 12.35 min Scan# 1713  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
173	61333		
175	48.8	24.3	72.8
254	0.0	0.1	0.1#

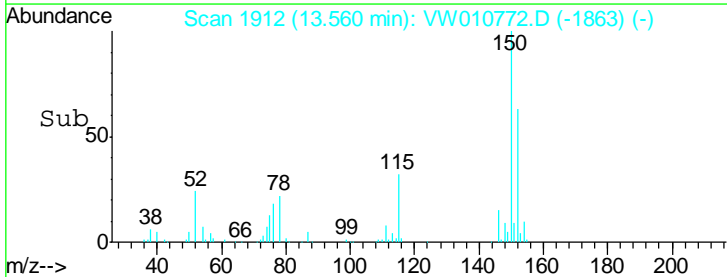
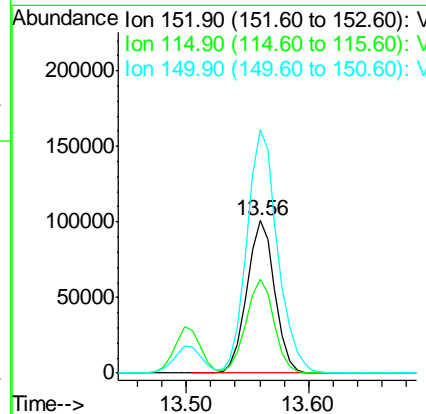
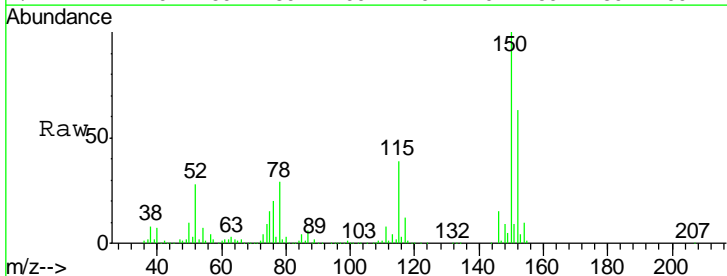
**Manual Integrations**  
**APPROVED**

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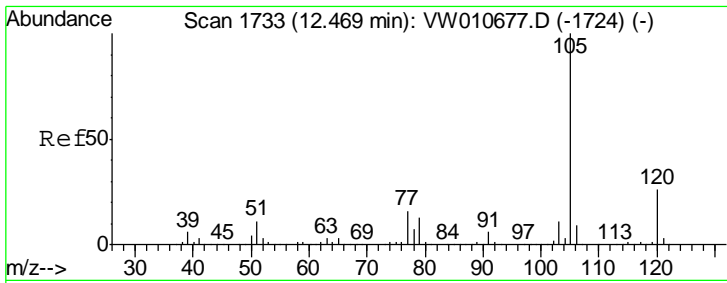


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.56 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
152	159099		
152	100		
115	61.3	29.8	89.3
150	176.4	0.0	345.0







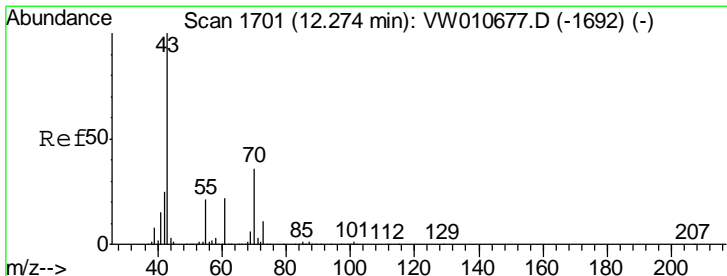
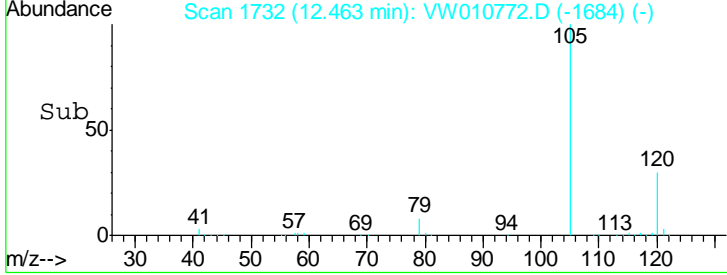
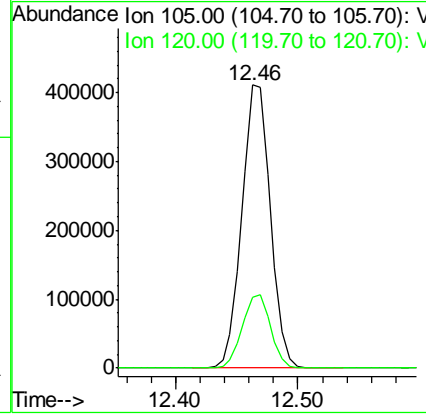
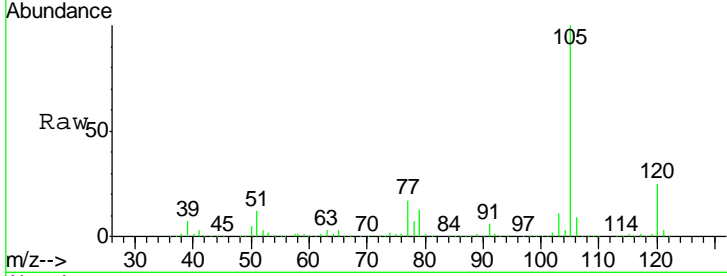
#73  
 Isopropylbenzene  
 Concen: 55.191 ug/l  
 RT: 12.46 min Scan# 1732  
 Delta R.T. -0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
105	100		
120	25.9	13.1	39.1

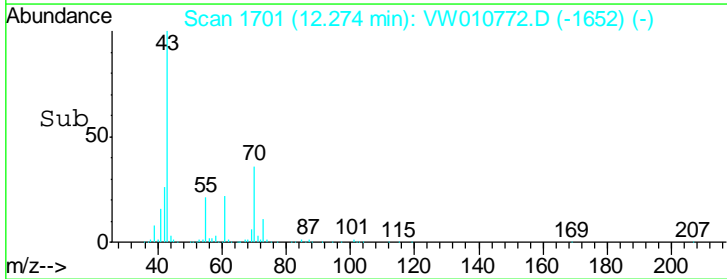
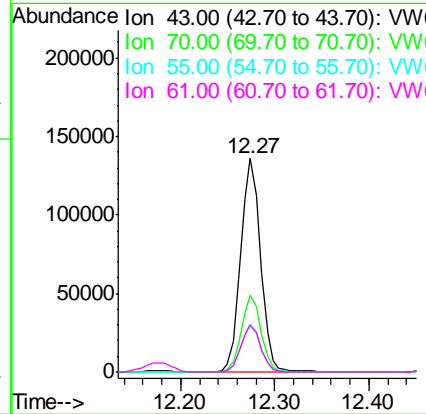
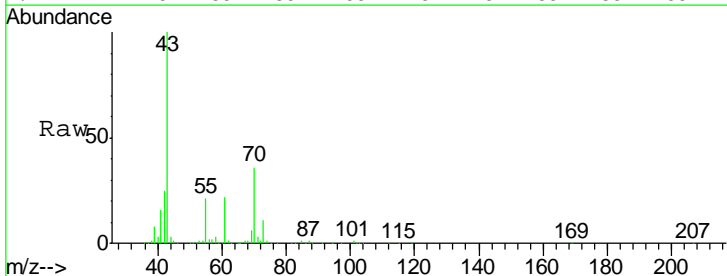
Manual Integrations  
 APPROVED

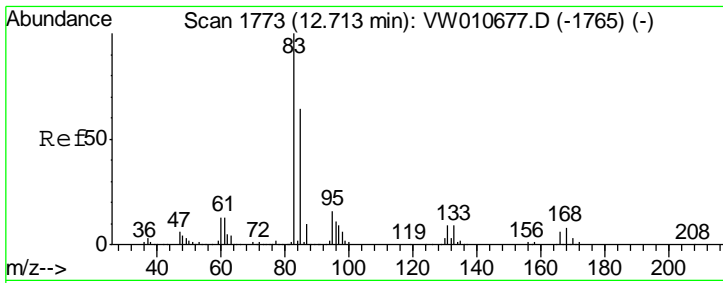
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#74  
 N-aryl acetate  
 Concen: 51.519 ug/l  
 RT: 12.27 min Scan# 1701  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
43	100		
70	35.7	29.2	43.8
55	22.0	17.5	26.3
61	21.9	17.4	26.2



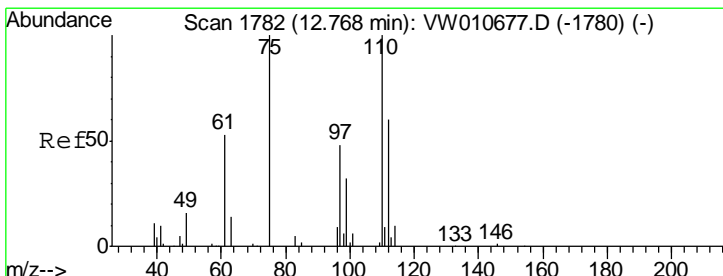
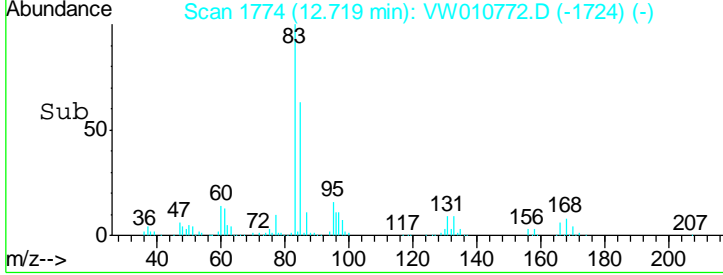
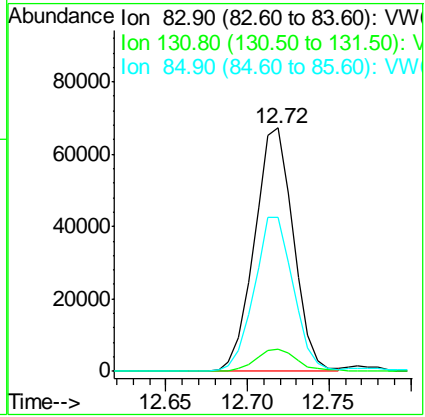
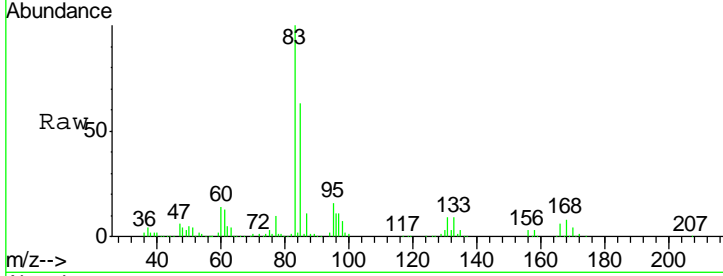


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.002 ug/l  
 RT: 12.72 min Scan# 1774  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

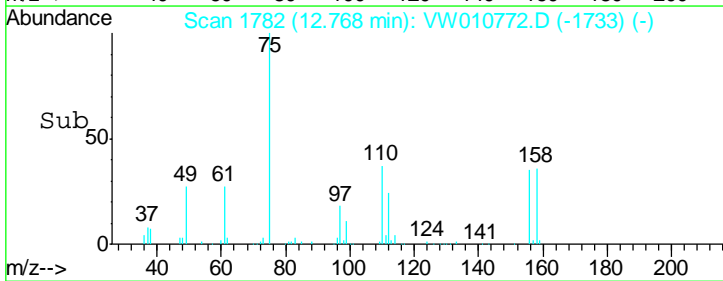
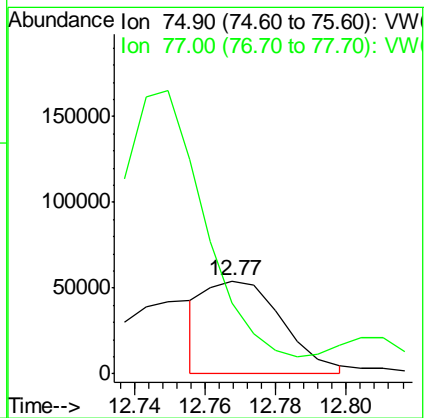
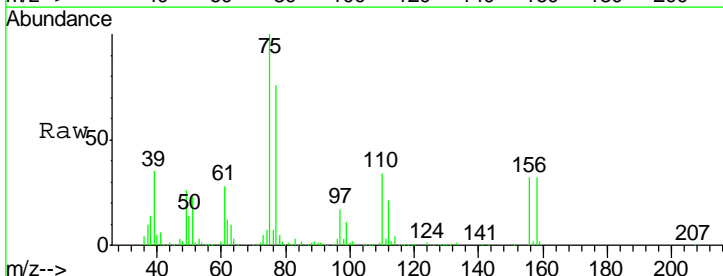
Tgt Ion	Resp	Lower	Upper
83	111530		
83	100		
131	9.9	4.9	14.7
85	63.7	31.9	95.9

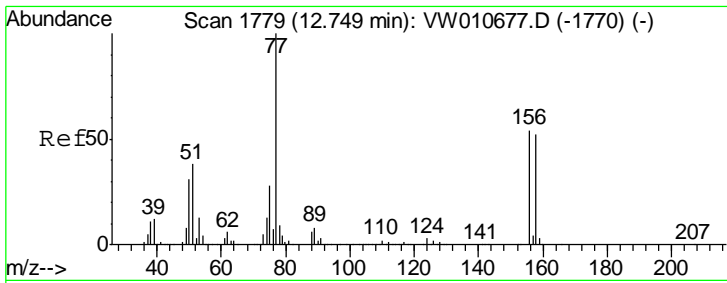
**Manual Integrations**  
**APPROVED**  
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#76  
 1,2,3-Trichloropropane  
 Concen: 49.313 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
75	82390		
75	100		
77	364.3	0.0	0.0#





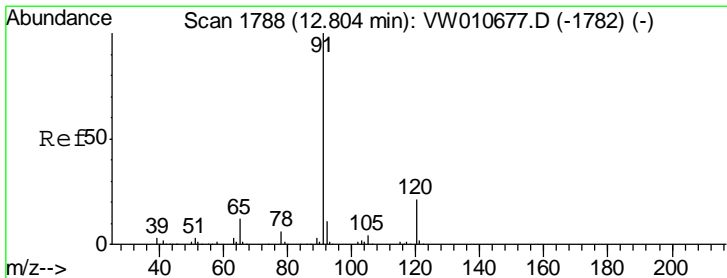
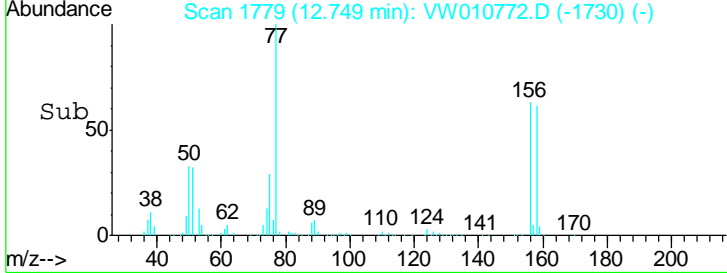
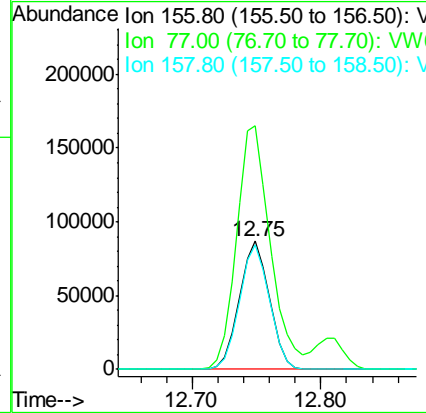
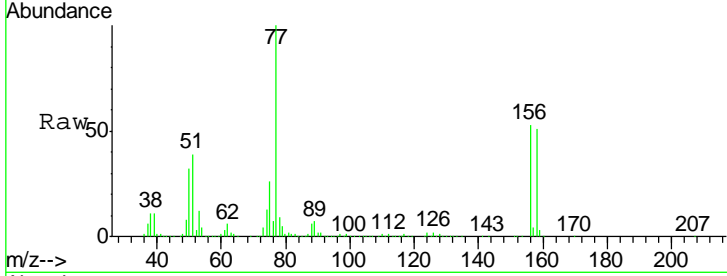
#77  
 Bromobenzene  
 Concen: 53.654 ug/l  
 RT: 12.75 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
156	140022		
77	214.4	106.5	319.4
158	97.1	48.3	144.9

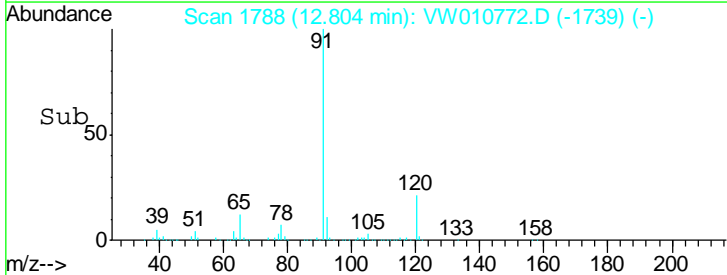
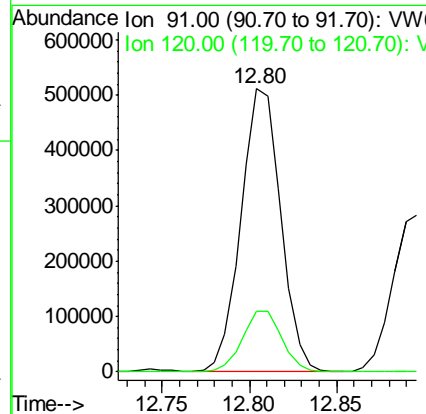
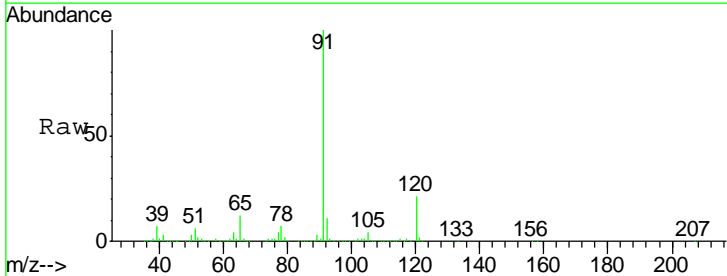
Manual Integrations  
 APPROVED

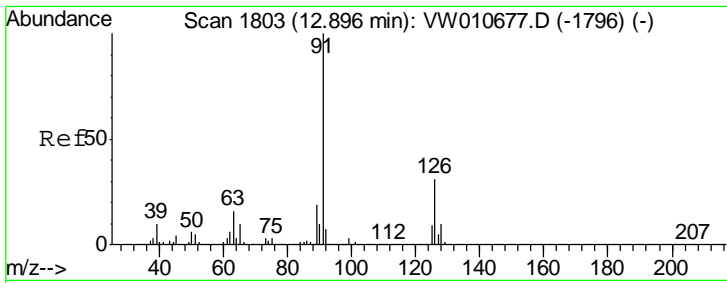
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#78  
 n-propylbenzene  
 Concen: 55.871 ug/l  
 RT: 12.80 min Scan# 1788  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
91	805448		
120	21.5	10.8	32.4



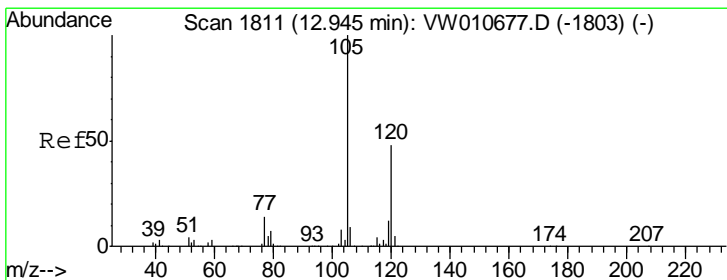
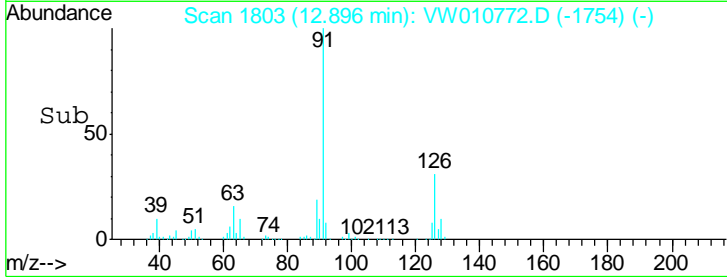
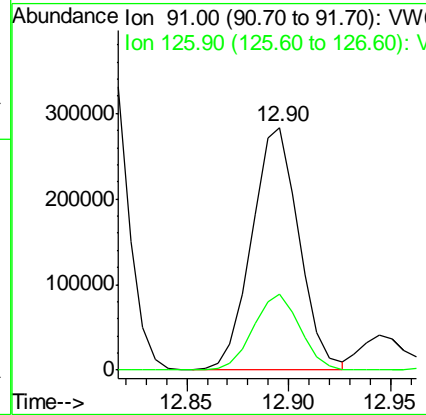
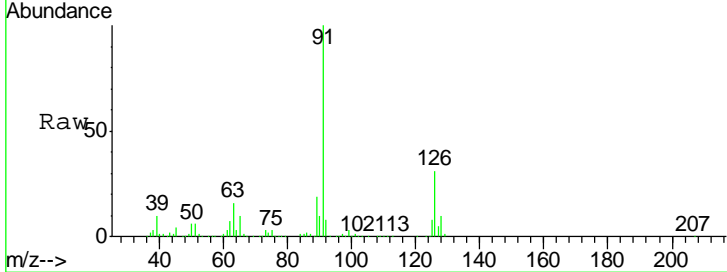


#79  
 2-Chlorotoluene  
 Concen: 55.411 ug/l  
 RT: 12.90 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

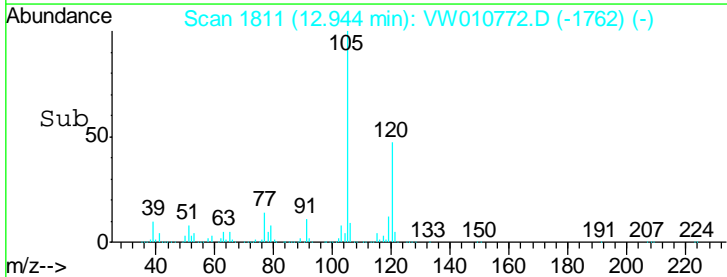
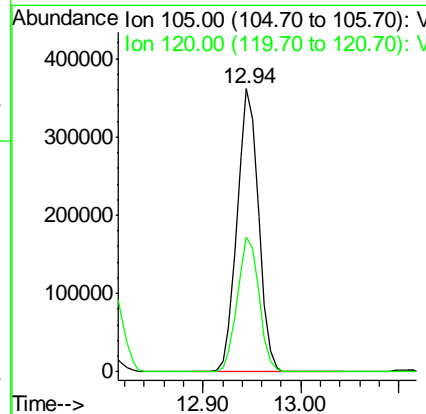
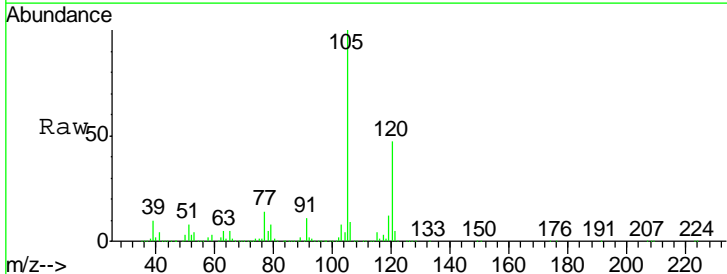
Tgt Ion	Resp	Lower	Upper
91	100		
126	31.0	15.7	47.0

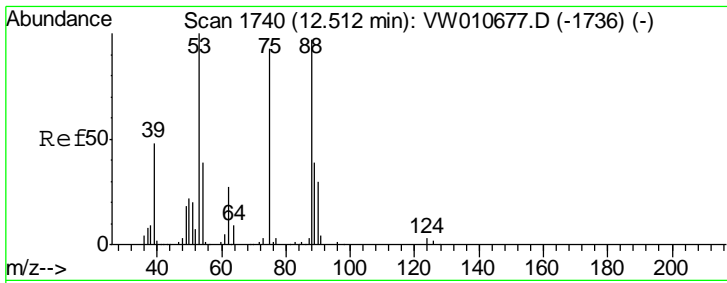
Manual Integrations  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 56.006 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
105	100		
120	48.1	24.3	72.8



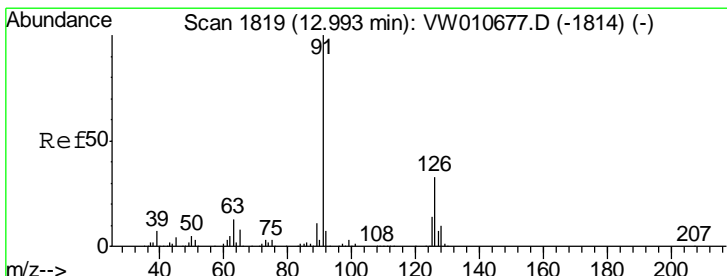
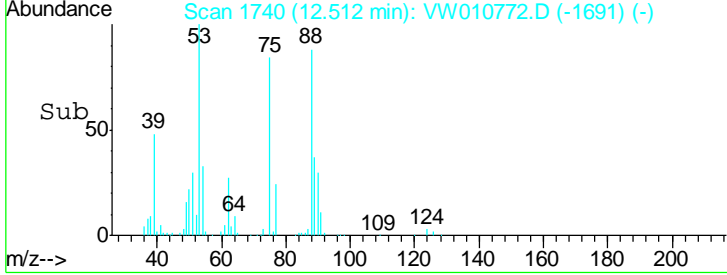
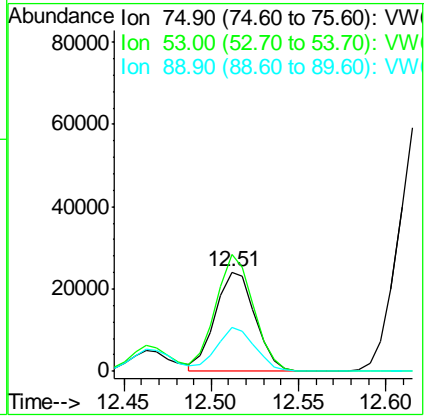
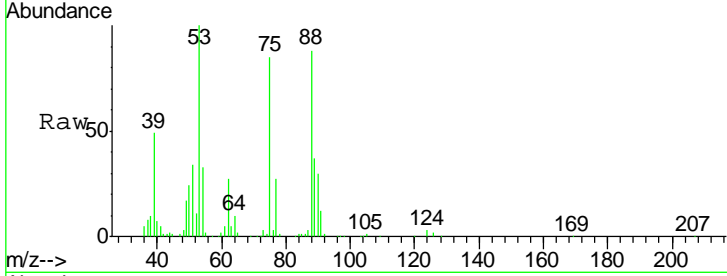


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 52.414 ug/l  
 RT: 12.51 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

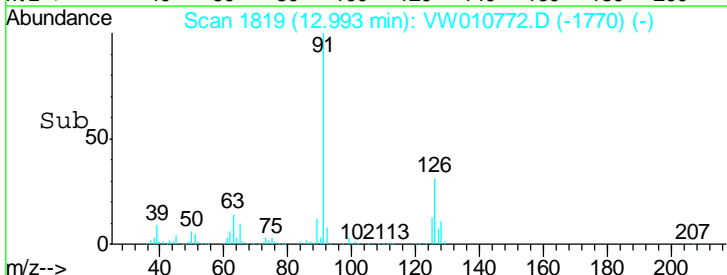
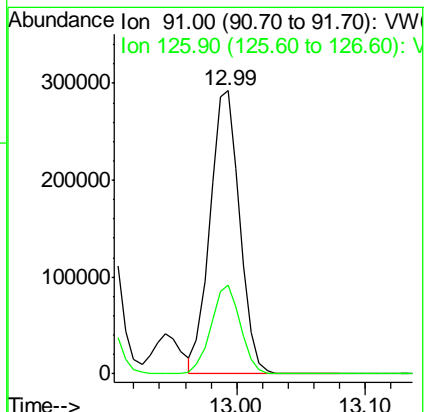
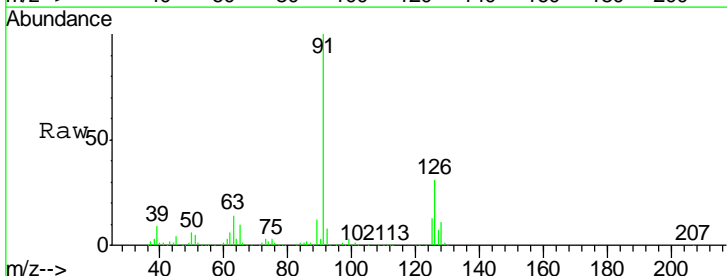
Tgt Ion	Resp	Lower	Upper
75	38102		
75	100		
53	112.0	90.1	135.1
89	42.8	34.6	52.0

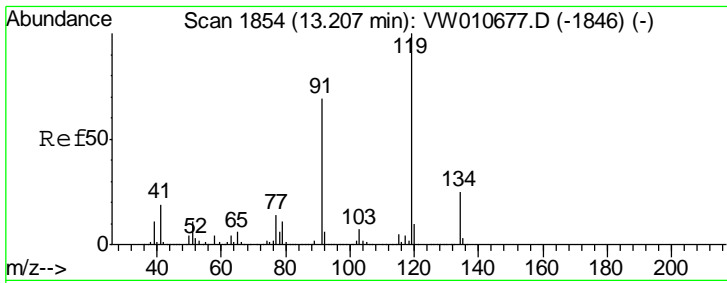
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#82  
 4-Chlorotoluene  
 Concen: 55.427 ug/l  
 RT: 12.99 min Scan# 1819  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
91	471101		
91	100		
126	31.2	15.9	47.7





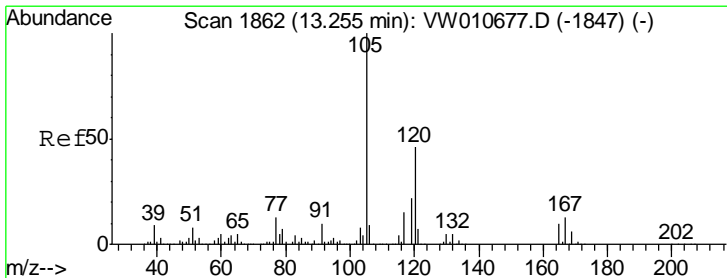
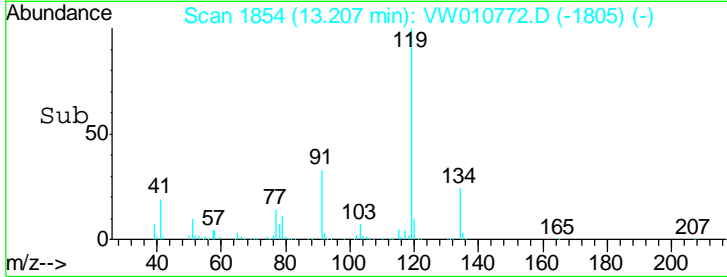
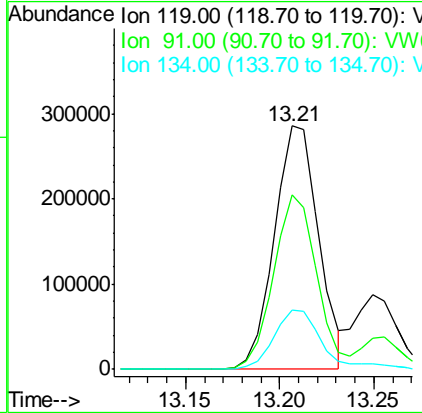
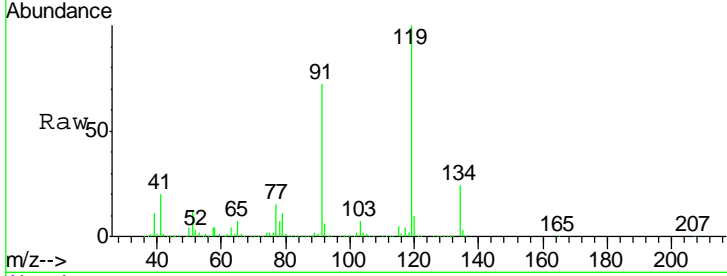
#83  
 tert-Butylbenzene  
 Concen: 55.910 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
119	100		
91	70.2	35.1	105.3
134	26.6	13.6	40.7

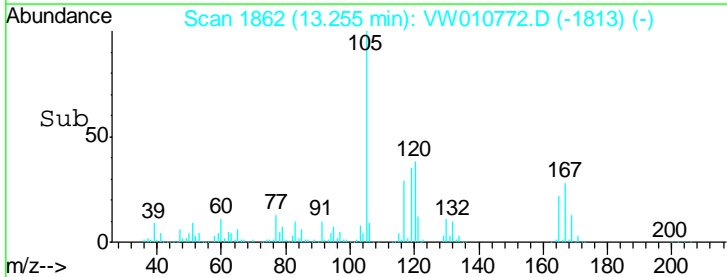
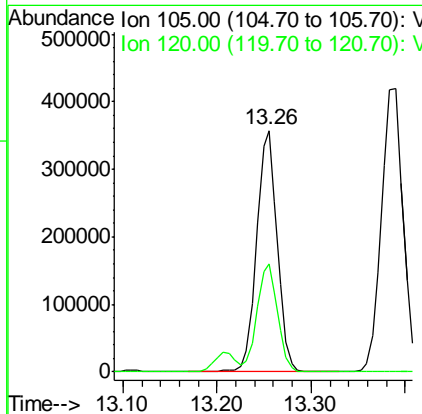
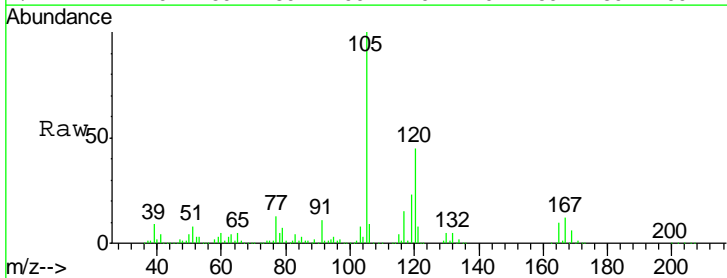
Manual Integrations  
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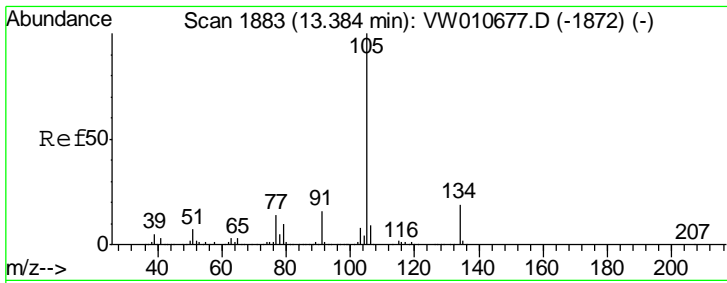
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 55.922 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
105	100		
120	44.9	22.5	67.5





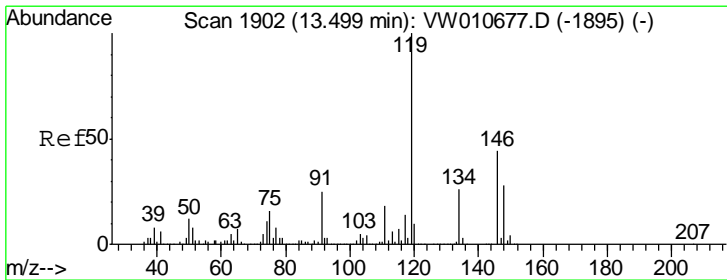
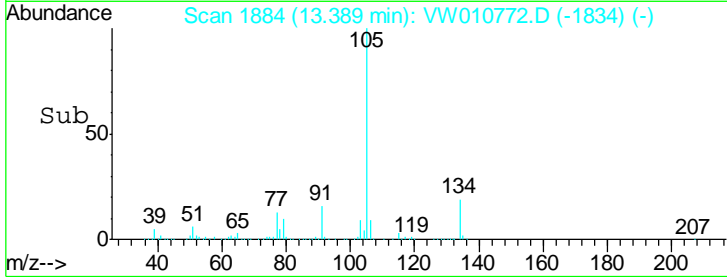
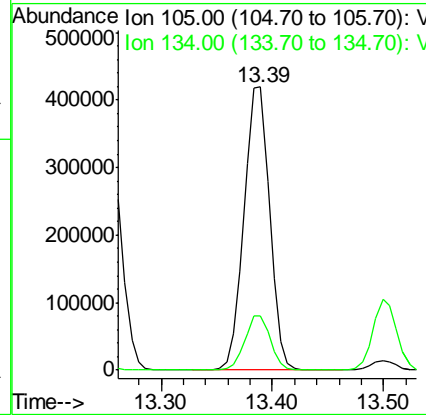
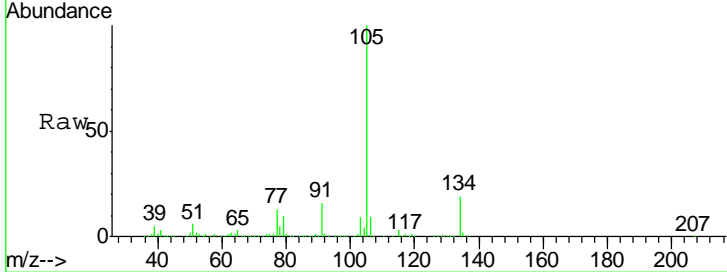
#85  
 sec-Butylbenzene  
 Concen: 55.353 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. 0.01 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
105	100		
134	19.2	9.7	28.9

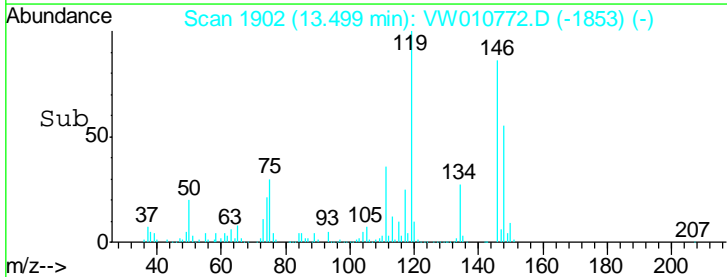
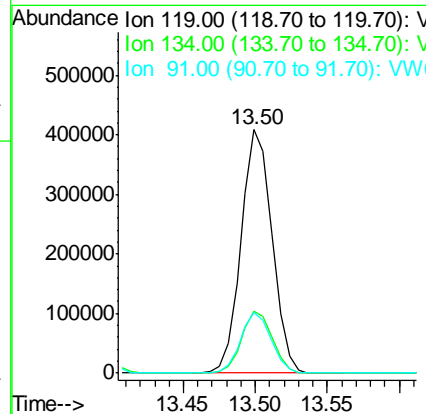
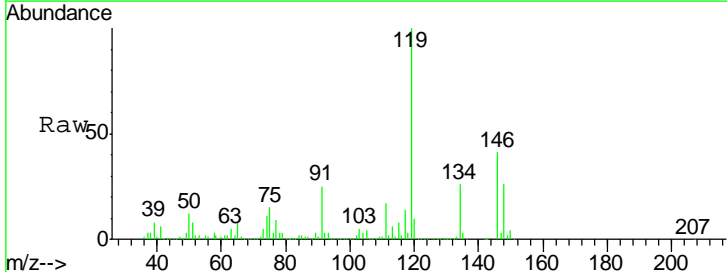
**Manual Integrations**  
**APPROVED**

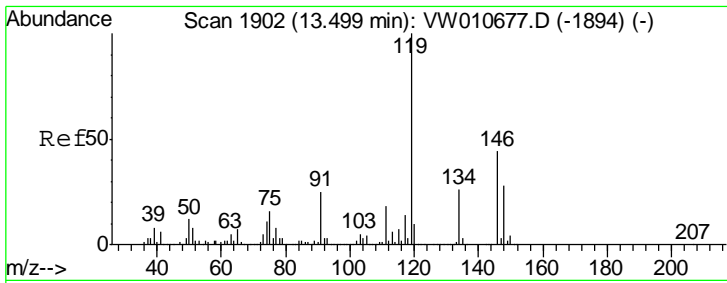
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#86  
 p-Isopropyltoluene  
 Concen: 56.224 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
119	100		
134	25.5	13.0	39.0
91	24.5	12.2	36.4





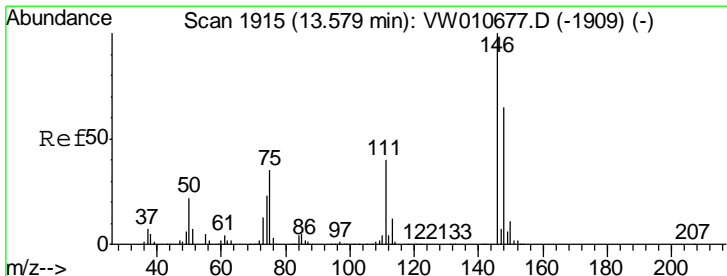
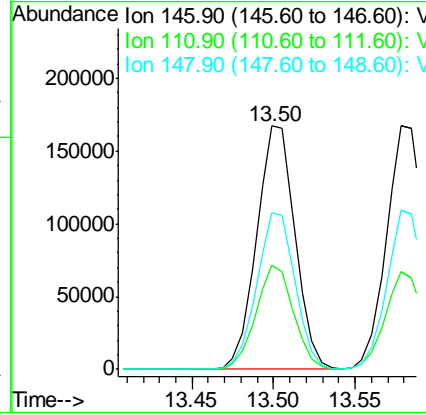
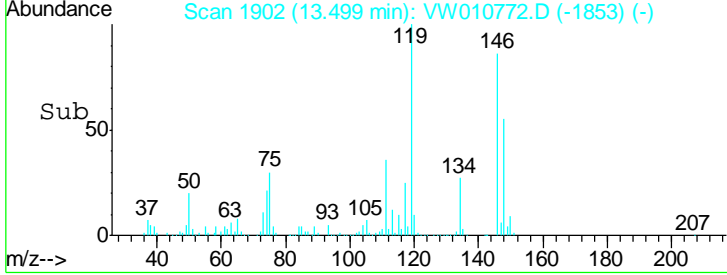
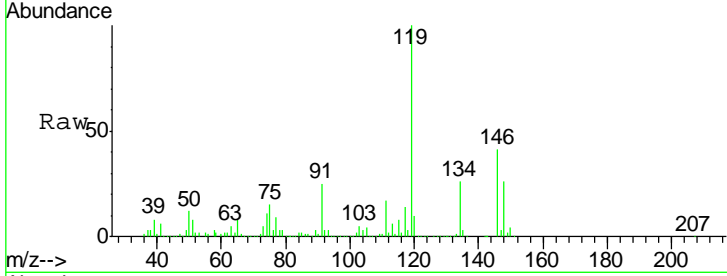
#87  
 1,3-Dichlorobenzene  
 Concen: 54.525 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.3
148	64.2	31.5	94.5

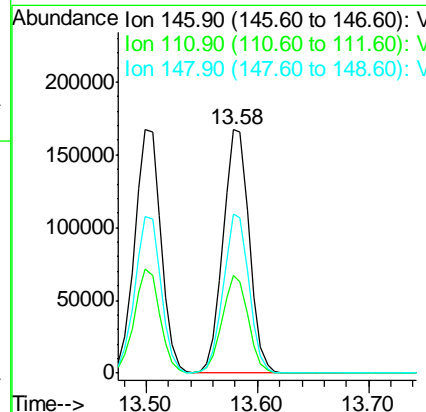
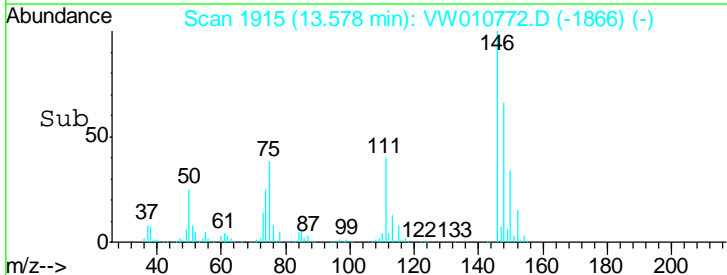
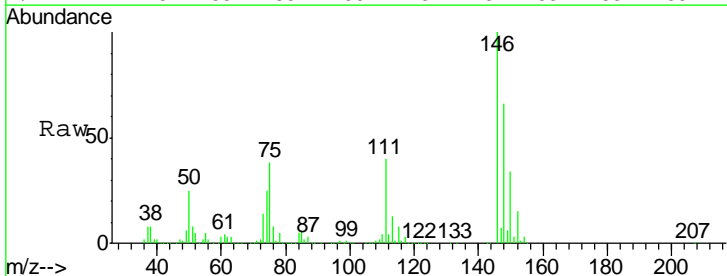
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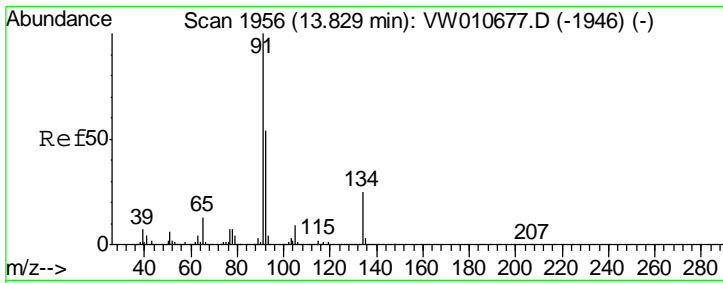


#88  
 1,4-Dichlorobenzene  
 Concen: 54.381 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	64.3	32.4	97.2







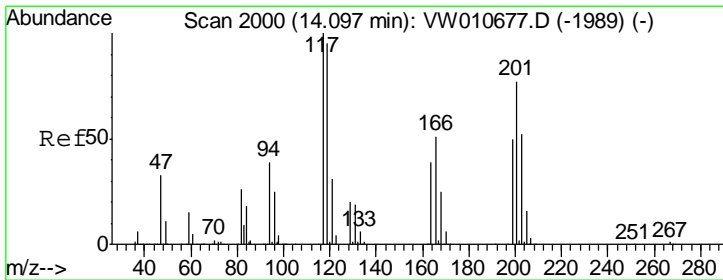
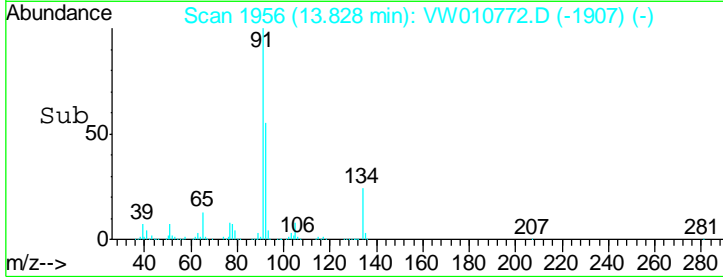
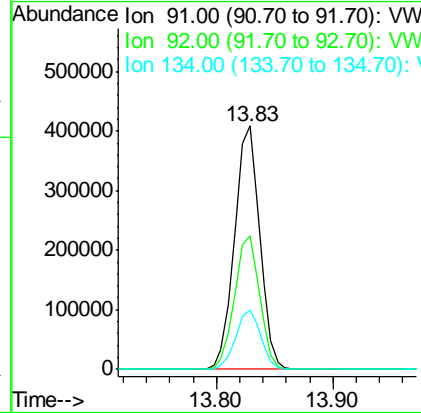
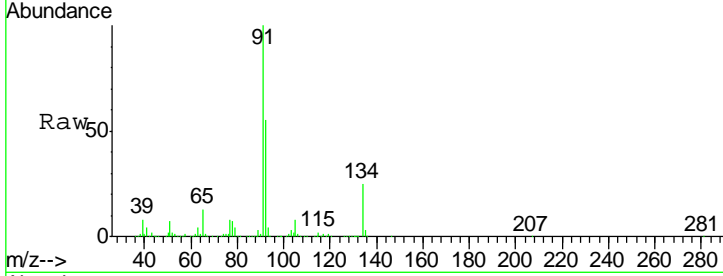
#89  
 n-Butylbenzene  
 Concen: 57.123 ug/l  
 RT: 13.83 min Scan# 1956  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	100		
92	54.8	27.3	81.8
134	24.4	12.3	36.9

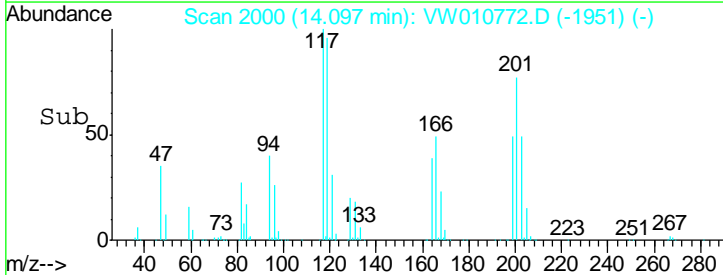
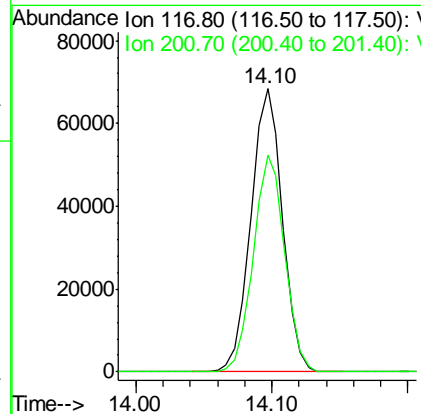
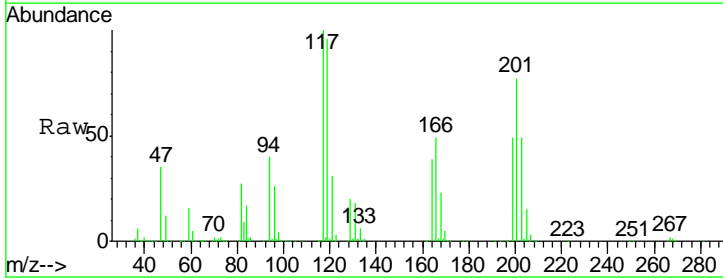
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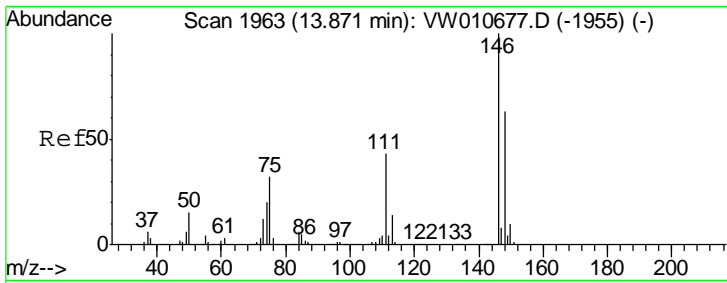
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#90  
 Hexachloroethane  
 Concen: 57.328 ug/l  
 RT: 14.10 min Scan# 2000  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
117	100		
201	76.3	38.8	116.4





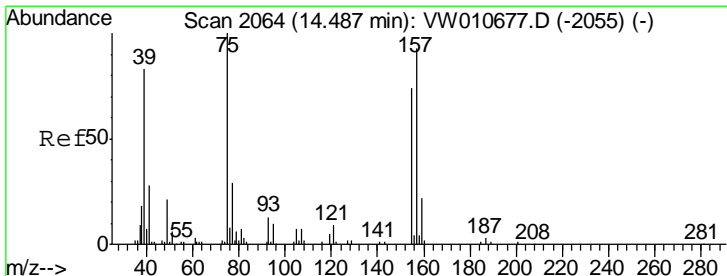
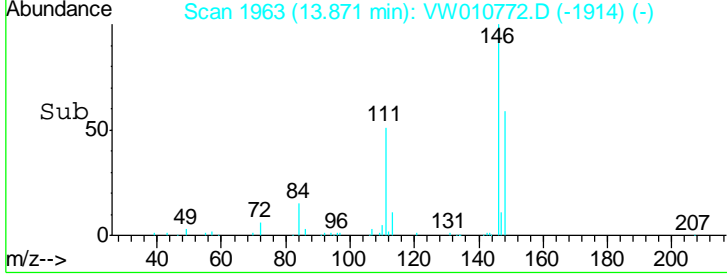
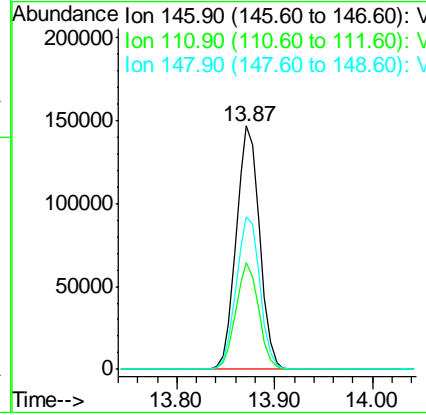
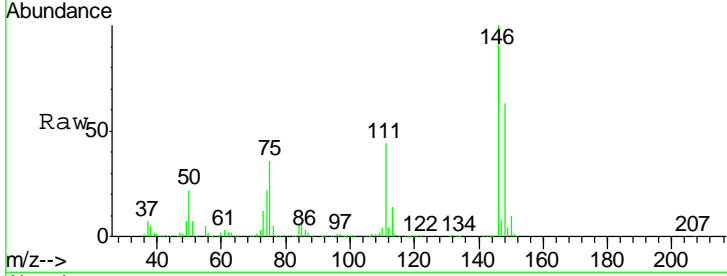
#91  
 1,2-Dichlorobenzene  
 Concen: 53.446 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
146	241895		
146	100		
111	42.9	21.5	64.5
148	63.7	31.9	95.5

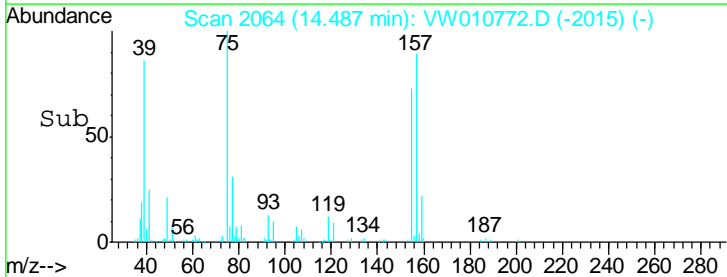
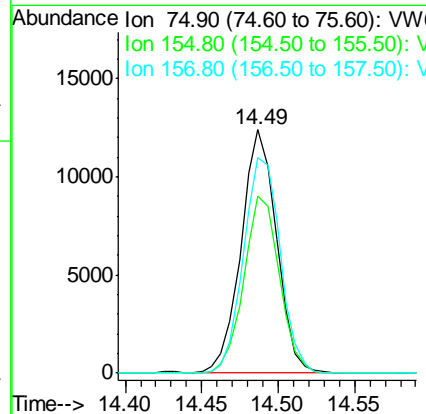
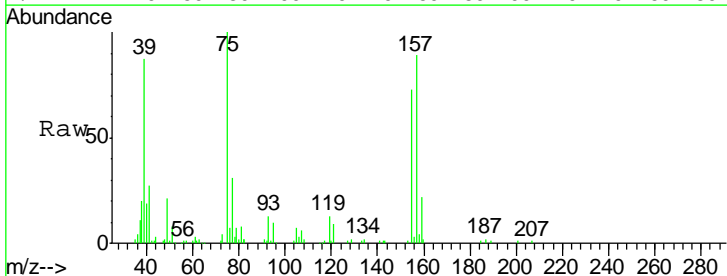
Manual Integrations  
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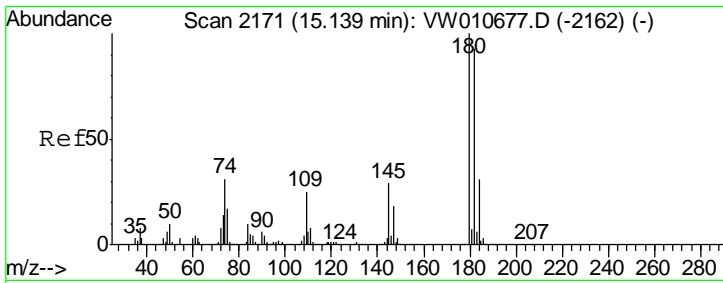
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.094 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

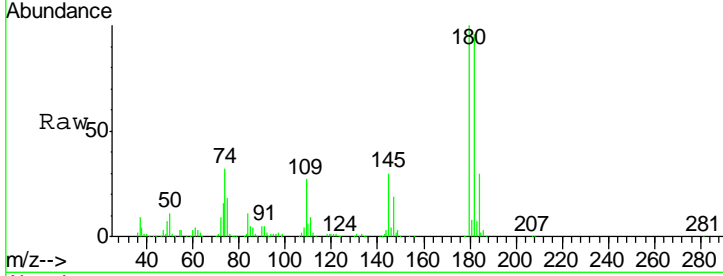
Tgt Ion	Resp	Lower	Upper
75	19970		
75	100		
155	72.8	38.8	116.4
157	91.8	48.4	145.0





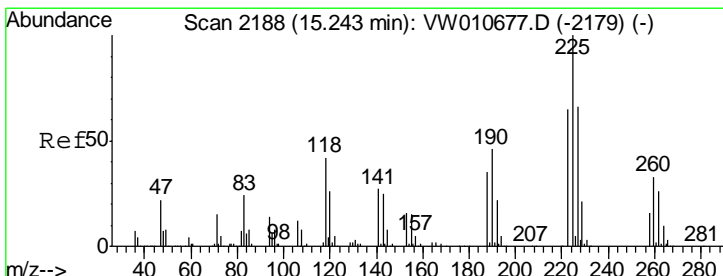
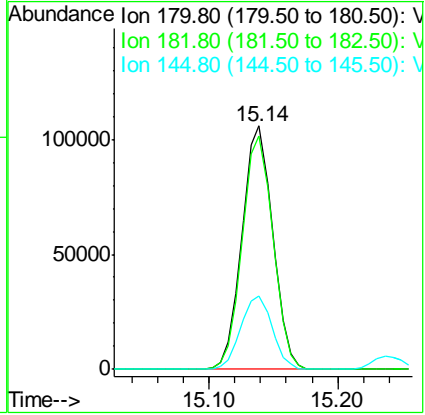
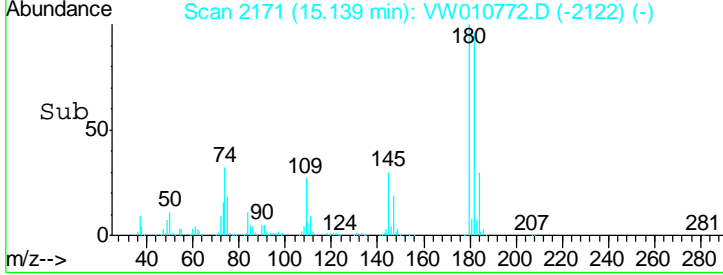
#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.869 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

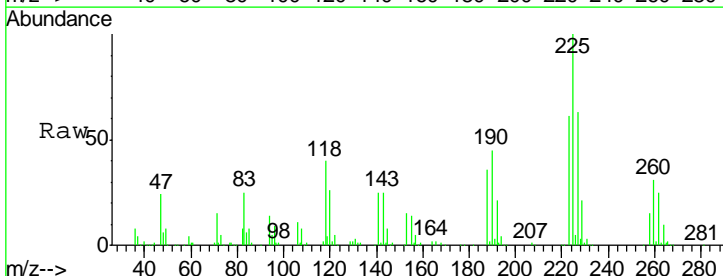


Tgt Ion	Resp	Lower	Upper
180	174270		
182	96.0	47.1	141.4
145	30.8	15.2	45.5

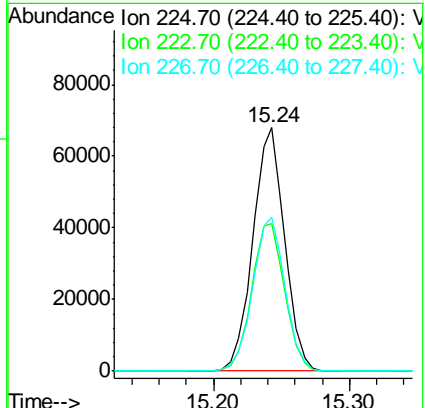
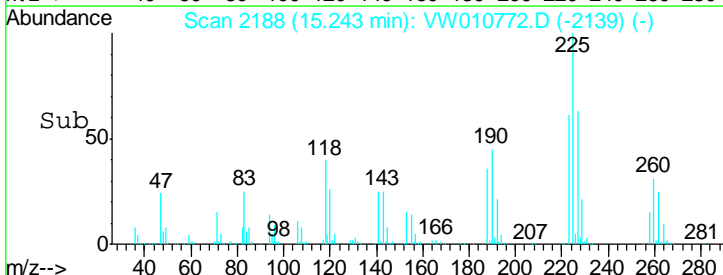
Manual Integrations  
**APPROVED**  
 MMDadoda  
 6/13/2019 11:31:51 AM

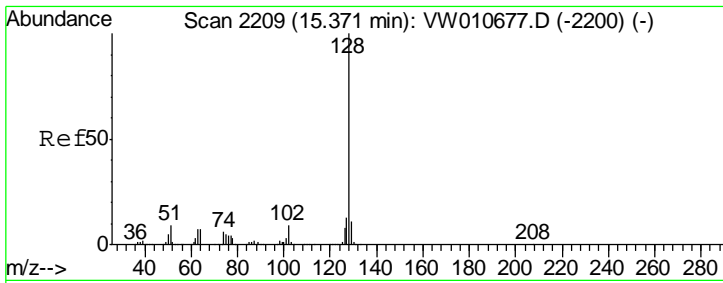


#94  
 Hexachlorobutadiene  
 Concen: 55.661 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59



Tgt Ion	Resp	Lower	Upper
225	110952		
223	63.1	32.2	96.6
227	64.3	32.0	96.0



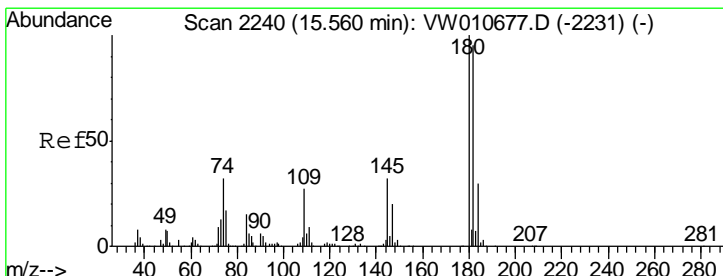
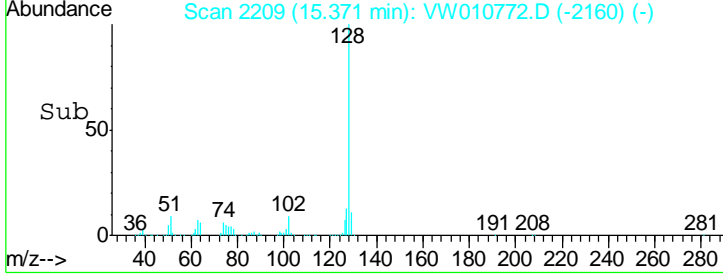
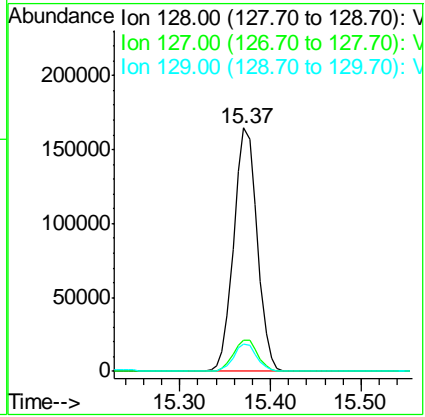
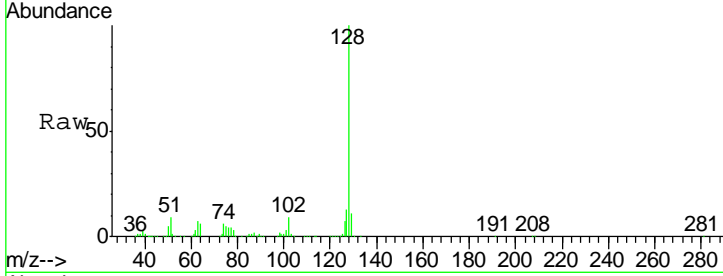


#95  
 Naphthalene  
 Concen: 51.222 ug/l  
 RT: 15.37 min Scan# 2209  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.6	13.0

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 6/13/2019 11:31:51 AM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 54.584 ug/l  
 RT: 15.56 min Scan# 2240  
 Delta R.T. -0.00 min  
 Lab File: VW010772.D  
 Acq: 12 Jun 2019 10:59

Tgt Ion	Resp	Lower	Upper
180	100		
182	94.4	47.0	141.0
145	31.9	16.1	48.3

