

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\  
 Data File : VW011050.D  
 Acq On : 28 Jun 2019 09:56  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 7/2/2019 12:52:55 AM

Quant Time: Jun 29 01:58:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W062819S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 28 01:55:46 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154944	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	136327	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.88	113	108322	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	10.32	98	455628	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.62	95	162173	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	91089	54.204	ug/l	92
3) Chloromethane	2.21	50	109535	48.622	ug/l	99
4) Vinyl Chloride	2.36	62	150190	51.203	ug/l	99
5) Bromomethane	2.77	94	72597	49.723	ug/l	98
6) Chloroethane	2.92	64	81745	52.860	ug/l	99
7) Trichlorofluoromethane	3.25	101	49291	57.184	ug/l	85
8) Diethyl Ether	3.67	74	64944	47.574	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	125070	51.591	ug/l	99
10) Methyl Iodide	4.27	142	170024	50.128	ug/l	99
11) Tert butyl alcohol	5.16	59	42360	200.141	ug/l	99
12) 1,1-Dichloroethene	4.04	96	128925	51.092	ug/l	99
13) Acrolein	3.89	56	40770	247.022	ug/l	96
14) Allyl chloride	4.66	41	224191	55.201	ug/l	98
15) Acrylonitrile	5.36	53	158010	235.049	ug/l	99
16) Acetone	4.12	43	182429	256.461	ug/l	97
17) Carbon Disulfide	4.38	76	377168	52.686	ug/l	100
18) Methyl Acetate	4.66	43	76693	41.622	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	172181	48.209	ug/l	94
20) Methylene Chloride	4.92	84	130928	45.302	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	131490	50.569	ug/l	99
22) Diisopropyl ether	6.31	45	482759	49.395	ug/l	96
23) Vinyl Acetate	6.25	43	1501984	249.418	ug/l	99
24) 1,1-Dichloroethane	6.21	63	254477	49.328	ug/l	99
25) 2-Butanone	7.17	43	253319	234.283	ug/l	99
26) 2,2-Dichloropropane	7.16	77	129132	48.210	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	136787	48.857	ug/l	100
28) Bromochloromethane	7.51	49	101813	42.394	ug/l	99
29) Tetrahydrofuran	7.52	42	154361	229.332	ug/l	99
30) Chloroform	7.67	83	231251	49.341	ug/l	98
31) Cyclohexane	7.95	56	271996	48.794	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	178798	51.053	ug/l	99
36) 1,1-Dichloropropene	8.08	75	200032	51.215	ug/l	99
37) Ethyl Acetate	7.25	43	104570	46.023	ug/l	99
38) Carbon Tetrachloride	8.07	117	168913	52.515	ug/l	97

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**ClientSampleID :**  
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	253349	52.708	ug/l	96
40) Benzene	8.32	78	540526	50.317	ug/l	99
41) Methacrylonitrile	7.48	41	67643	48.932	ug/l	98
42) 1,2-Dichloroethane	8.40	62	171333	48.643	ug/l	99
43) Isopropyl Acetate	8.42	43	202017	46.999	ug/l	100
44) Trichloroethene	9.09	130	129653	49.939	ug/l	93
45) 1,2-Dichloropropane	9.37	63	143942	49.342	ug/l	97
46) Dibromomethane	9.45	93	64804	47.499	ug/l	99
47) Bromodichloromethane	9.64	83	169850	50.283	ug/l	99
48) Methyl methacrylate	9.43	41	99072	47.537	ug/l	100
49) 1,4-Dioxane	9.44	88	21122	920.767	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	530342	234.397	ug/l	100
52) Toluene	10.38	92	334646	50.882	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	176377	50.130	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	212864	50.717	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92732	48.109	ug/l	98
56) Ethyl methacrylate	10.65	69	139129	48.201	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175879	47.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	290678	199.036	ug/l	100
59) 2-Hexanone	10.97	43	384666	243.791	ug/l	100
60) Dibromochloromethane	11.13	129	100231	49.587	ug/l	99
61) 1,2-Dibromoethane	11.23	107	86322	47.837	ug/l	100
64) Tetrachloroethene	10.86	164	108143	49.543	ug/l	96
65) Chlorobenzene	11.66	112	327674	50.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	114051	51.737	ug/l	99
67) Ethyl Benzene	11.73	91	649245	52.208	ug/l	99
68) m/p-Xylenes	11.84	106	467074	103.509	ug/l	99
69) o-Xylene	12.16	106	215756	51.334	ug/l	98
70) Styrene	12.18	104	378530	51.828	ug/l	100
71) Bromoform	12.35	173	53502	49.785	ug/l #	99
73) Isopropylbenzene	12.46	105	619091	53.335	ug/l	100
74) N-amyl acetate	12.27	43	193730	49.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111842	49.066	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	76472m	46.749	ug/l	
77) Bromobenzene	12.74	156	130192	51.028	ug/l	99
78) n-propylbenzene	12.80	91	767315	53.381	ug/l	99
79) 2-Chlorotoluene	12.89	91	424329	51.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	525116	53.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34669	45.497	ug/l	99
82) 4-Chlorotoluene	12.99	91	448651	52.426	ug/l	100
83) tert-Butylbenzene	13.21	119	438720	53.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	521954	52.488	ug/l	99
85) sec-Butylbenzene	13.38	105	641478	53.824	ug/l	100
86) p-Isopropyltoluene	13.50	119	574166	53.536	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	258763	51.272	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	254520	50.521	ug/l	99
89) n-Butylbenzene	13.82	91	588300	53.968	ug/l	100
90) Hexachloroethane	14.10	117	98387	53.616	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	227397	50.167	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18373	47.428	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	166558	52.226	ug/l	100
94) Hexachlorobutadiene	15.24	225	101886	52.673	ug/l	99
95) Naphthalene	15.37	128	305707	51.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	144861	50.869	ug/l	99

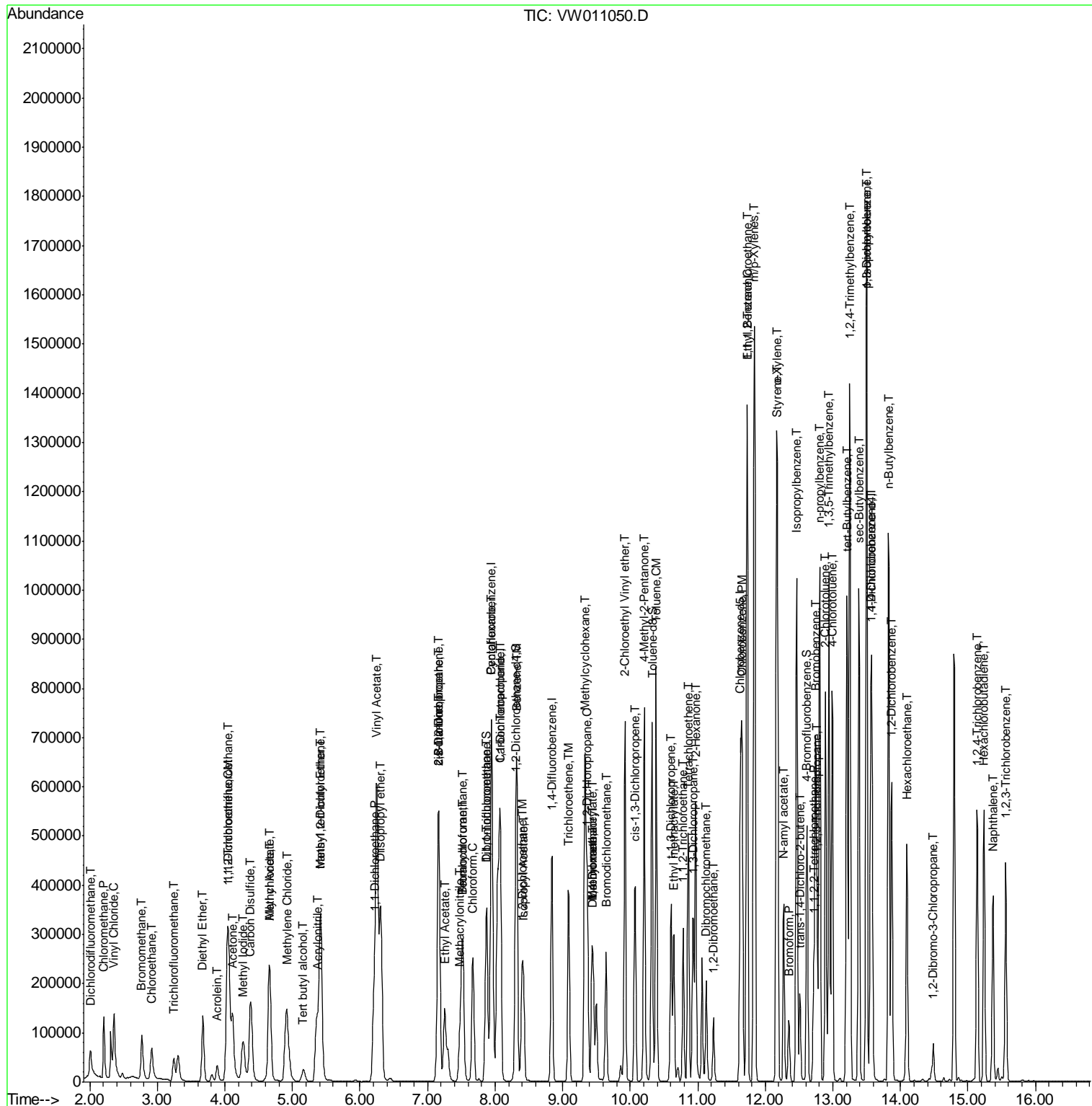
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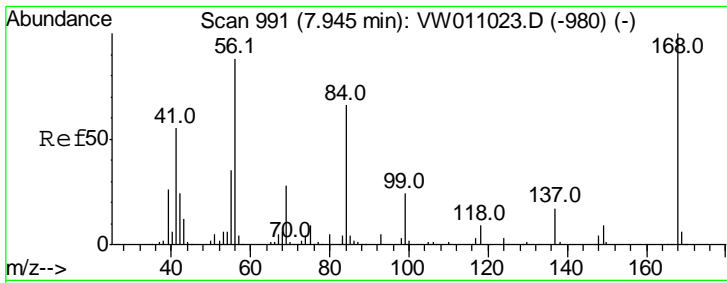
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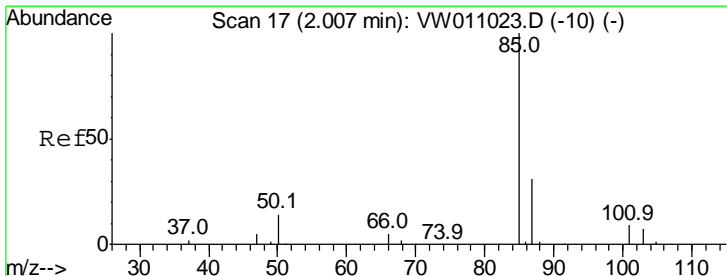
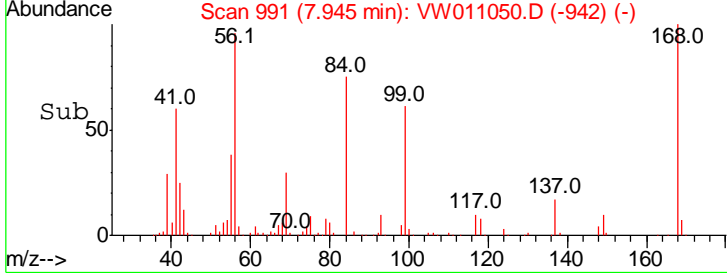
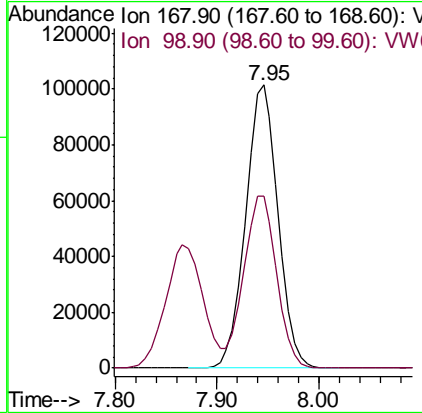
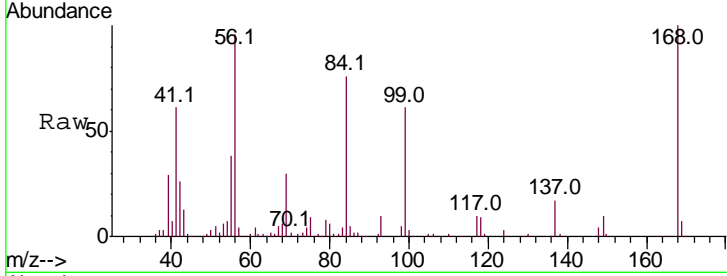
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
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Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
168	100		
99	60.7	47.8	71.6

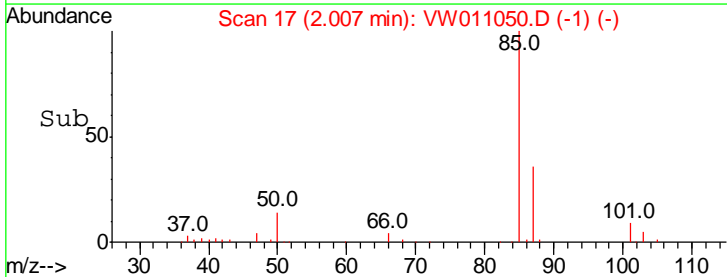
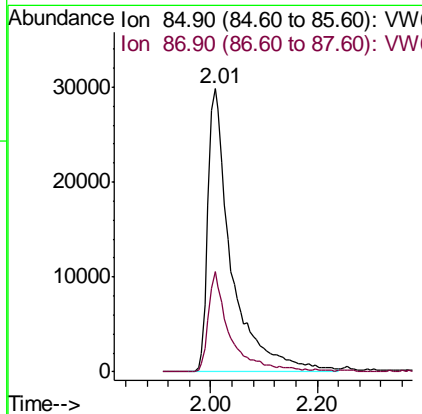
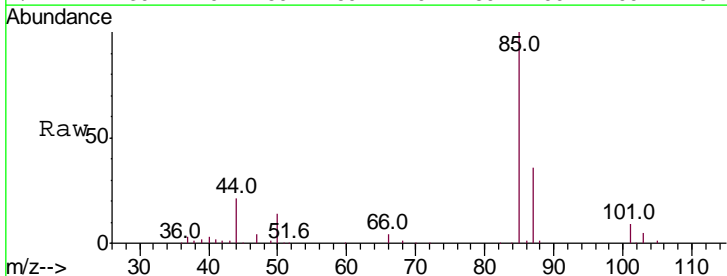
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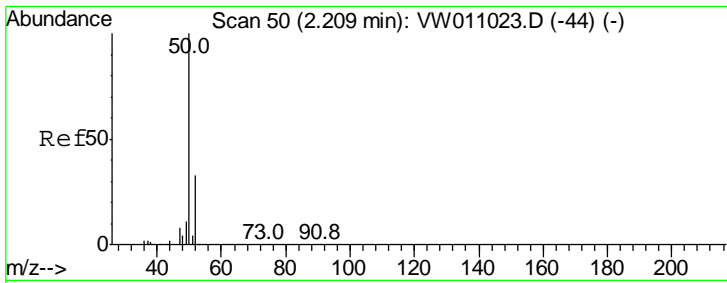
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#2  
 Dichlorodifluoromethane  
 Concen: 54.204 ug/l  
 RT: 2.01 min Scan# 17  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
85	100		
87	35.6	15.7	47.0



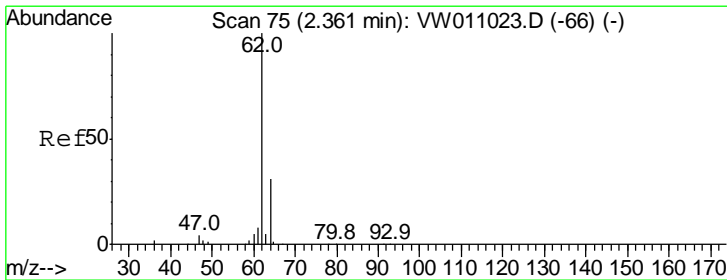
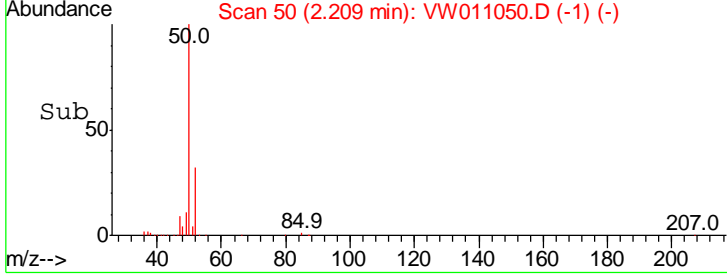
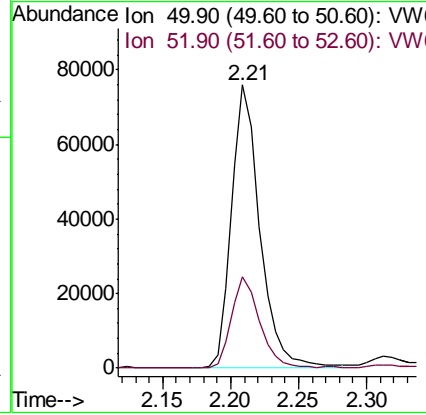
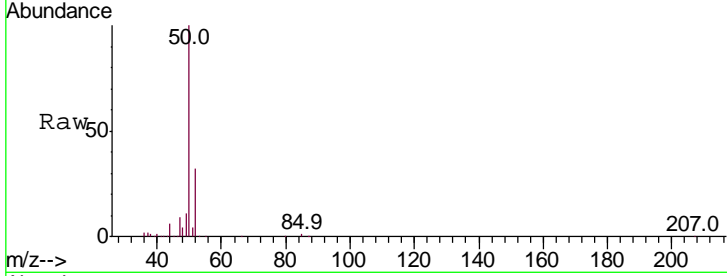


#3  
 Chloromethane  
 Concen: 48.622 ug/l  
 RT: 2.21 min Scan# 50  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
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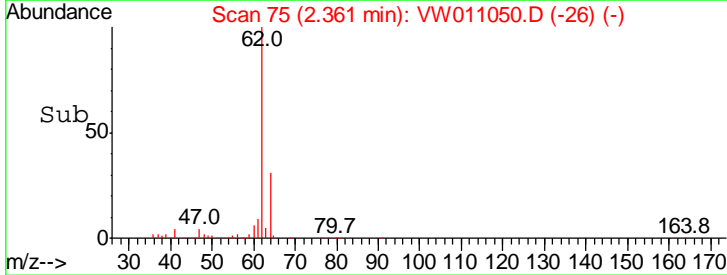
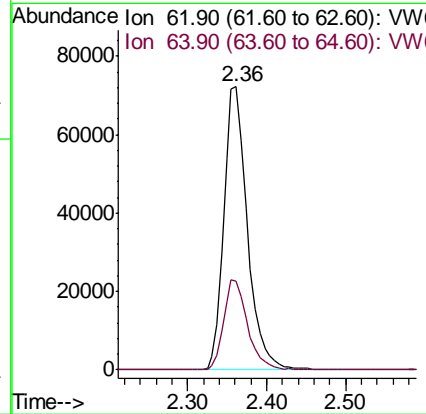
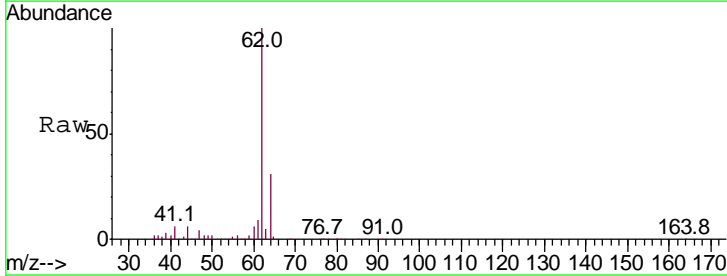
Tgt Ion	Resp	Lower	Upper
50	109535		
52	32.6	26.6	40.0

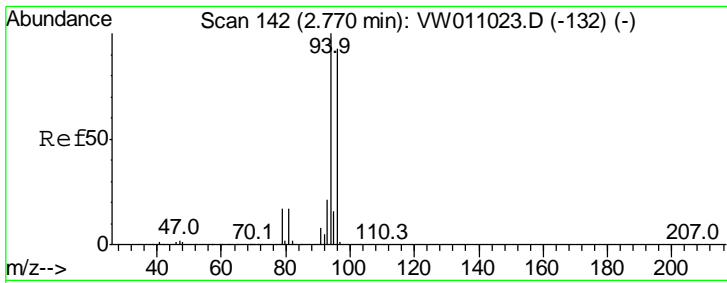
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 7/2/2019 12:52:55 AM



#4  
 Vinyl Chloride  
 Concen: 51.203 ug/l  
 RT: 2.36 min Scan# 75  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
62	150190		
64	31.4	24.8	37.2





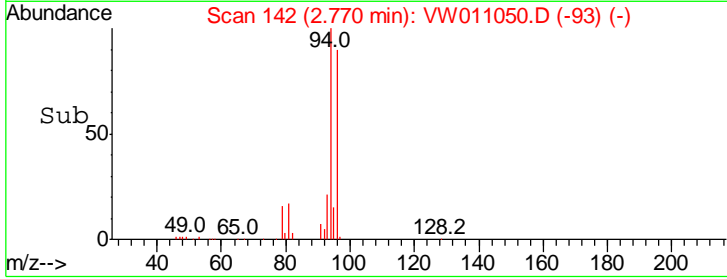
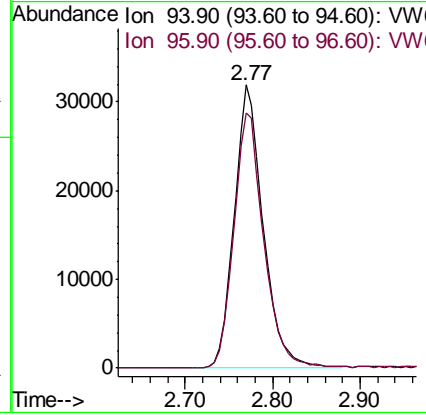
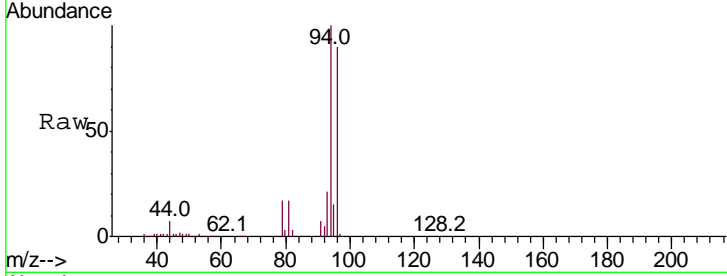
#5  
 Bromomethane  
 Concen: 49.723 ug/l  
 RT: 2.77 min Scan# 142  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
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Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
94	100		
96	90.6	74.2	111.2

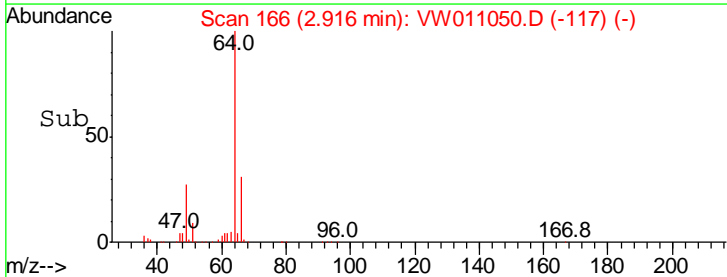
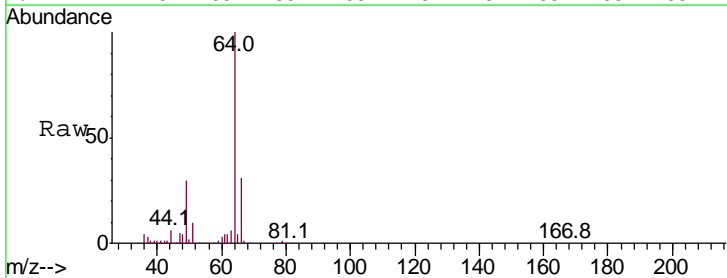
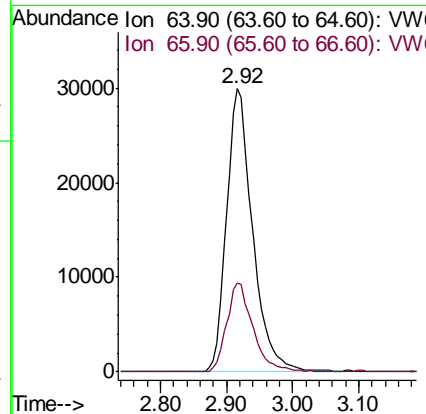
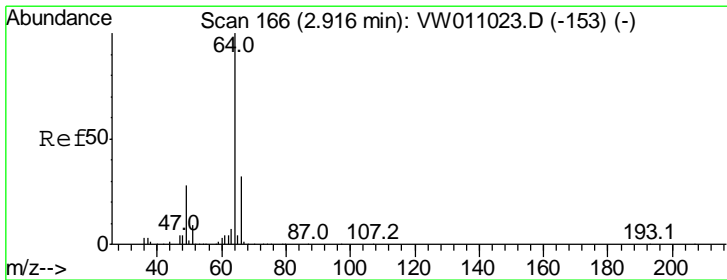
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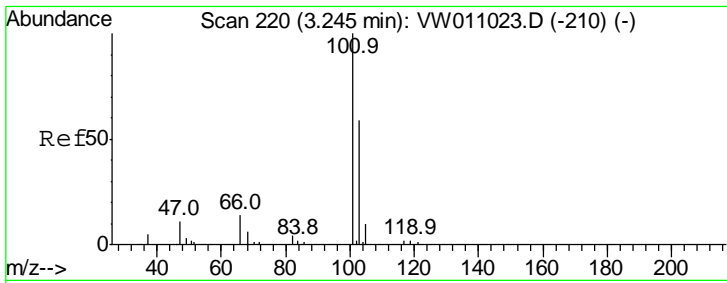
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 7/2/2019 12:52:55 AM



#6  
 Chloroethane  
 Concen: 52.860 ug/l  
 RT: 2.92 min Scan# 166  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
64	100		
66	31.4	25.7	38.5





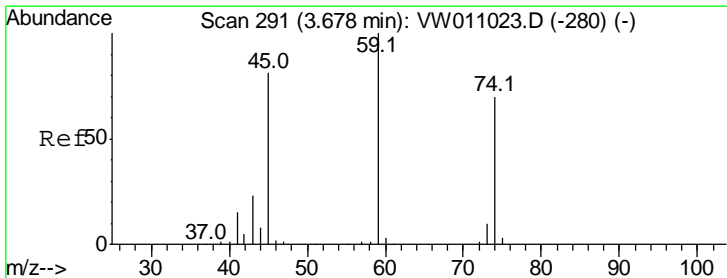
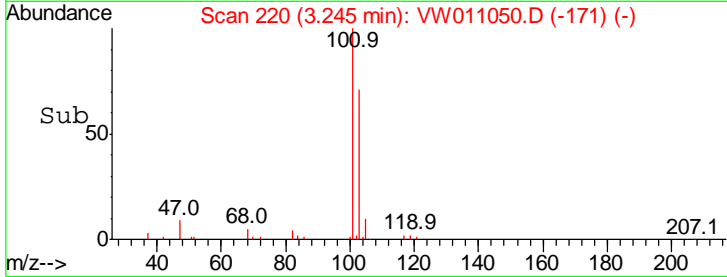
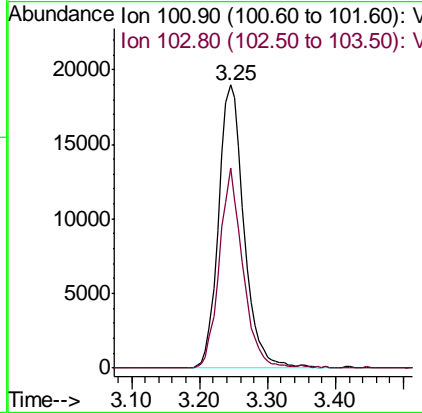
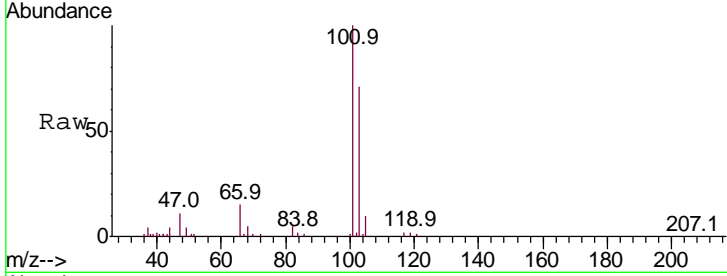
#7  
 Trichlorofluoromethane  
 Concen: 57.184 ug/l  
 RT: 3.25 min Scan# 220  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
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 ClientSampled :  
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	70.8	47.5	71.3

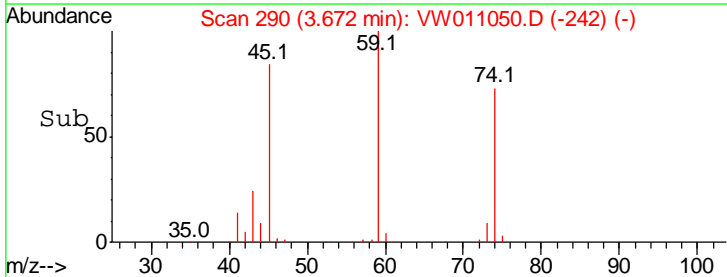
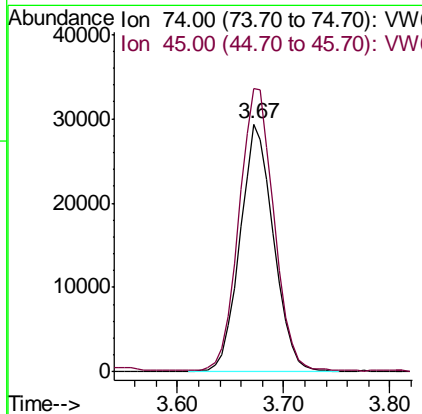
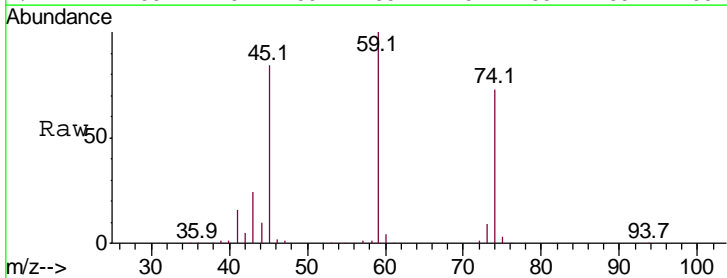
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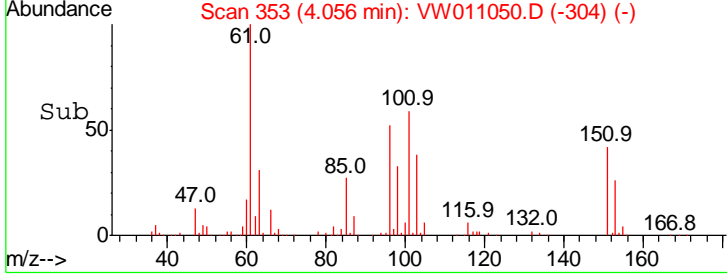
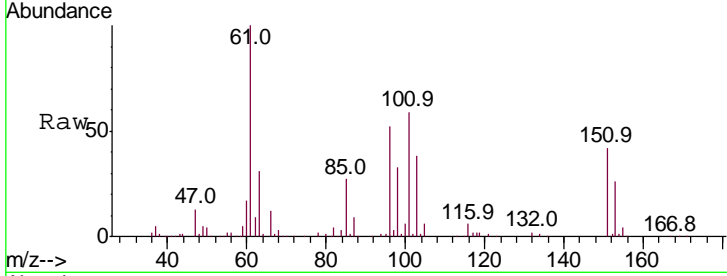
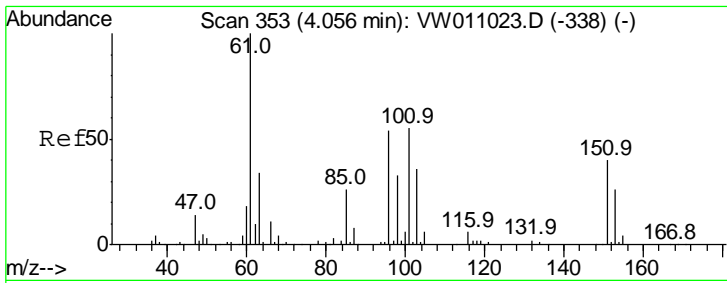


#8  
 Diethyl Ether  
 Concen: 47.574 ug/l  
 RT: 3.67 min Scan# 290  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.0	59.5	178.5





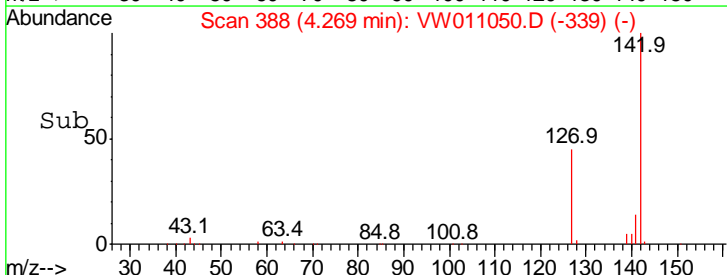
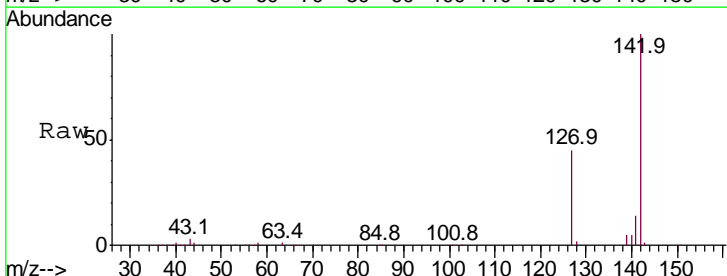
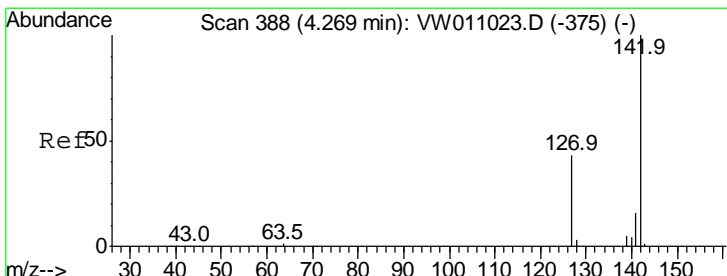
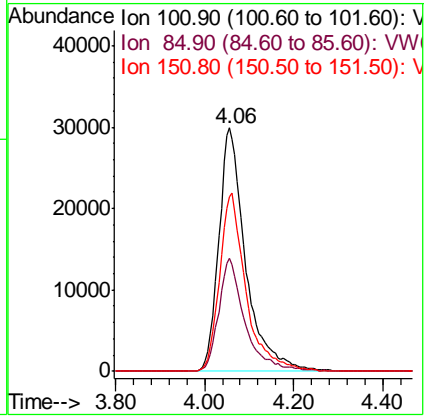


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 51.591 ug/l  
 RT: 4.06 min Scan# 353  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.6	55.0
151	72.3	58.9	88.3

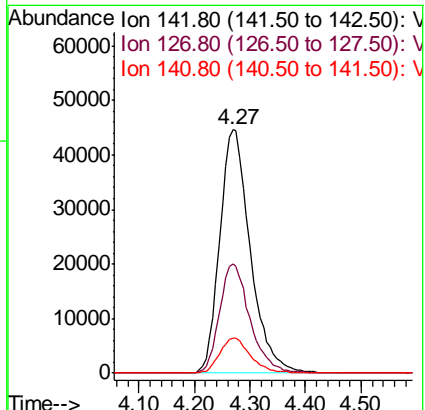
Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

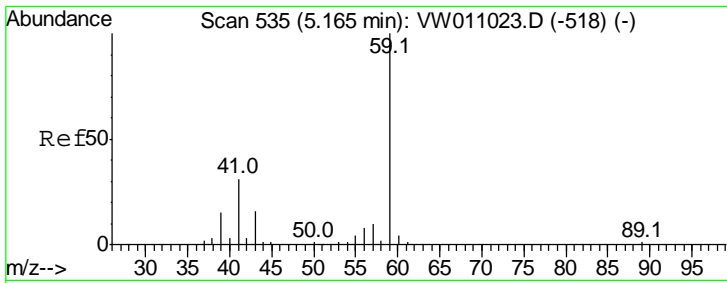
Manual Integrations APPROVED  
 MMDadoda  
 7/2/2019 12:52:55 AM



#10  
 Methyl Iodide  
 Concen: 50.128 ug/l  
 RT: 4.27 min Scan# 388  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.6	35.8	53.8
141	14.5	12.2	18.2



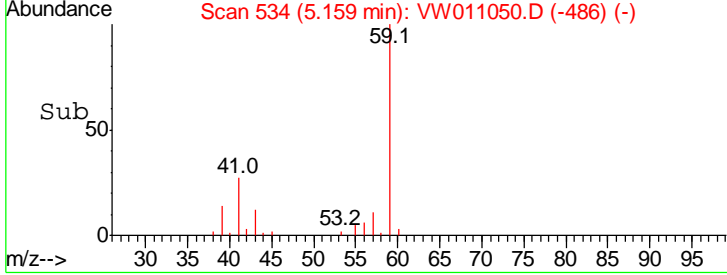
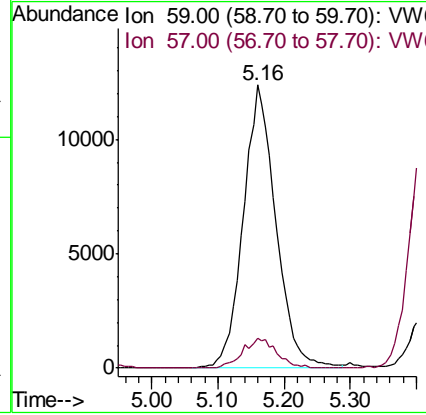
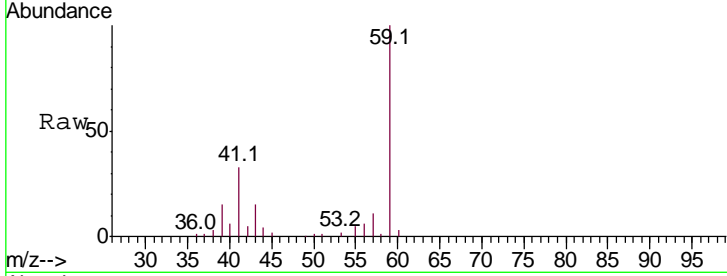


#11  
 Tert butyl alcohol  
 Concen: 200.141 ug/l  
 RT: 5.16 min Scan# 534  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

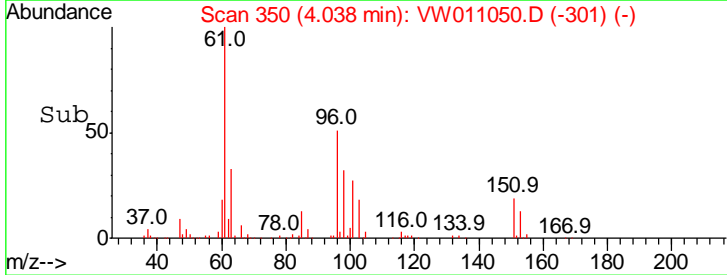
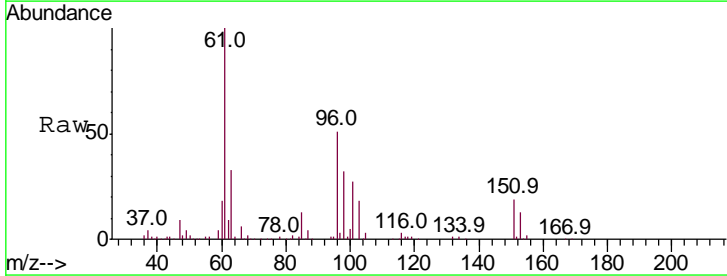
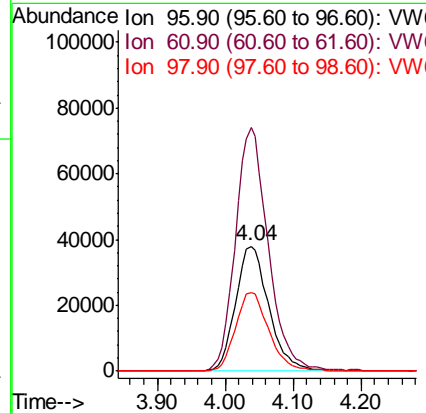
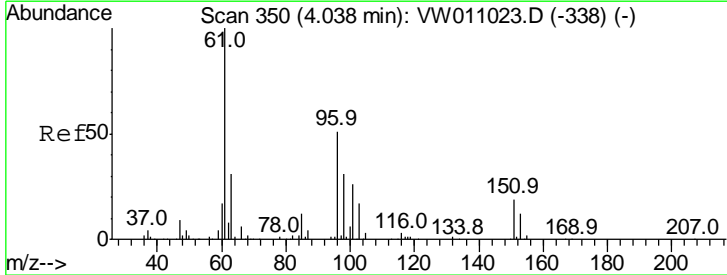
Tgt Ion	Resp	Lower	Upper
59	100		
57	11.0	9.0	13.4

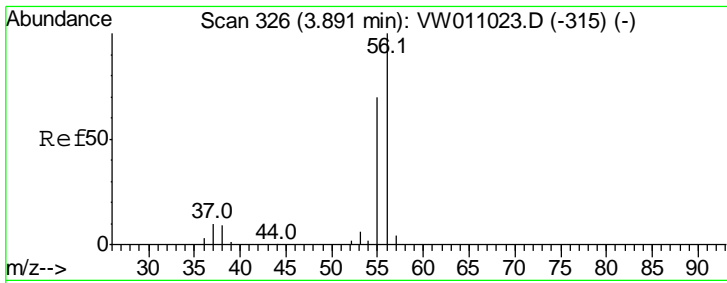
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#12  
 1,1-Dichloroethene  
 Concen: 51.092 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
96	100		
61	195.3	156.0	234.0
98	62.7	48.7	73.1





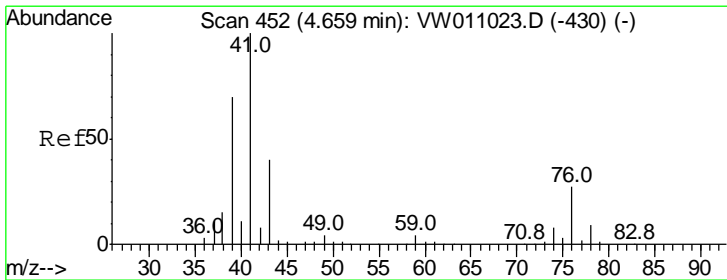
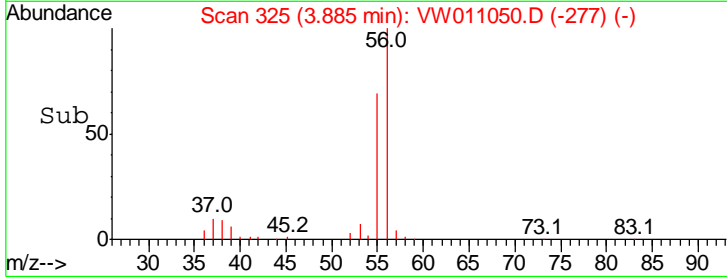
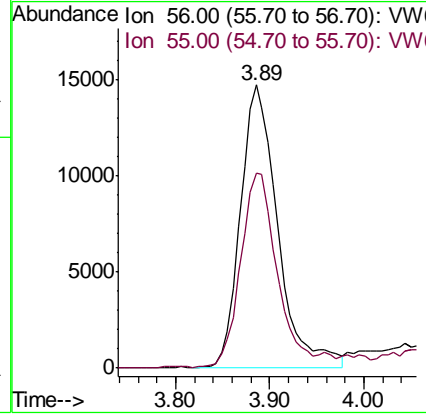
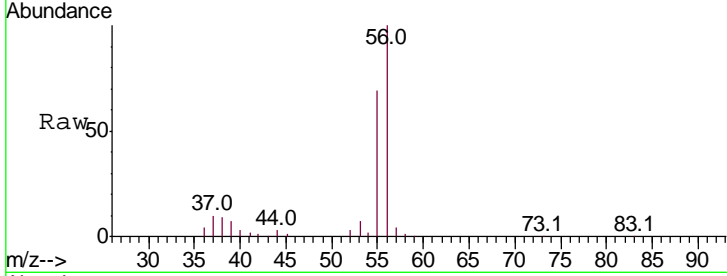
#13  
 Acrolein  
 Concen: 247.022 ug/l  
 RT: 3.89 min Scan# 325  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

Tgt Ion	Resp	Lower	Upper
56	100		
55	66.4	55.7	83.5

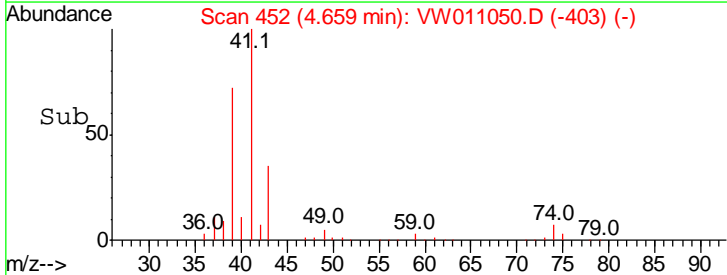
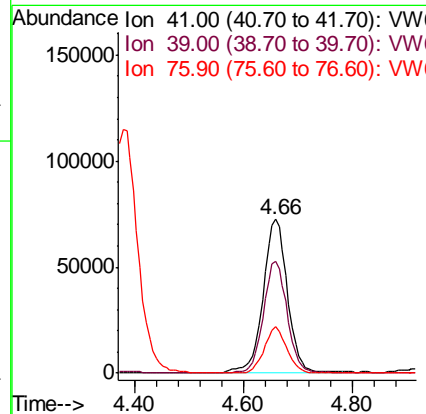
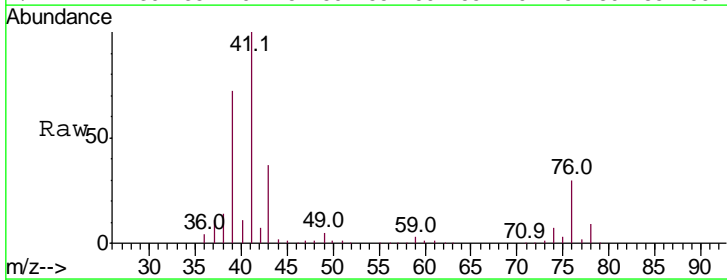
**Manual Integrations**  
**APPROVED**

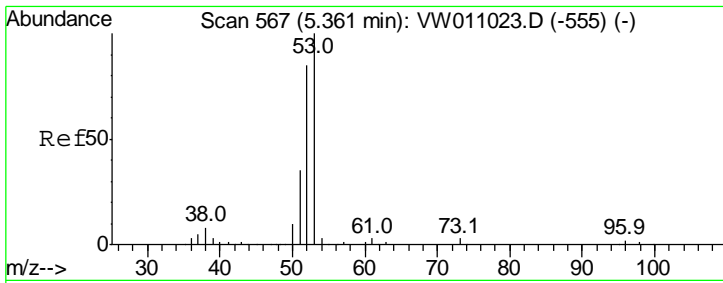
MMDadoda  
 7/2/2019 12:52:55 AM



#14  
 Allyl chloride  
 Concen: 55.201 ug/l  
 RT: 4.66 min Scan# 452  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
41	100		
39	71.1	55.4	83.2
76	27.8	22.0	33.0





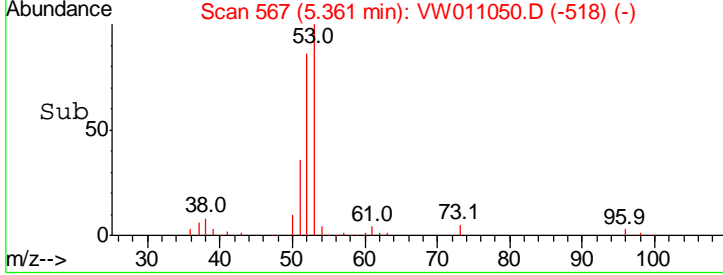
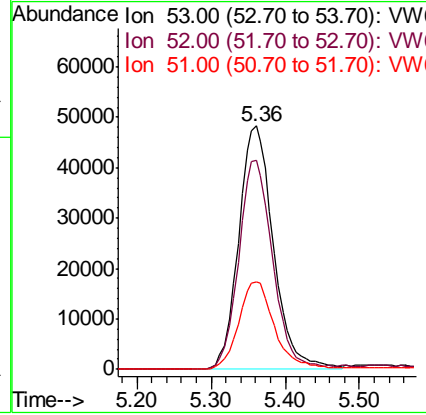
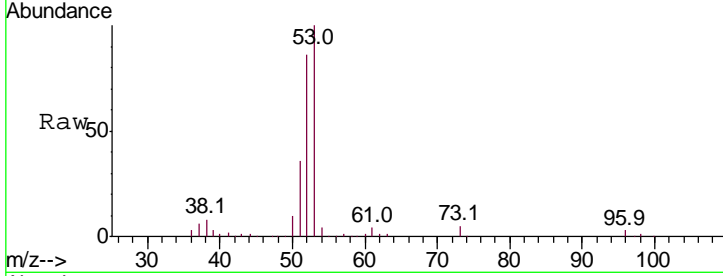
#15  
 Acrylonitrile  
 Concen: 235.049 ug/l  
 RT: 5.36 min Scan# 567  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

Tgt Ion	Resp	Lower	Upper
53	100		
52	84.1	66.3	99.5
51	37.1	29.8	44.6

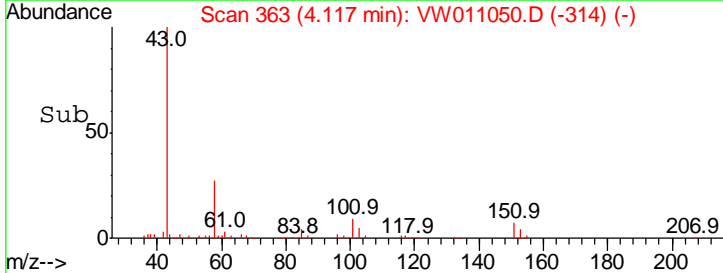
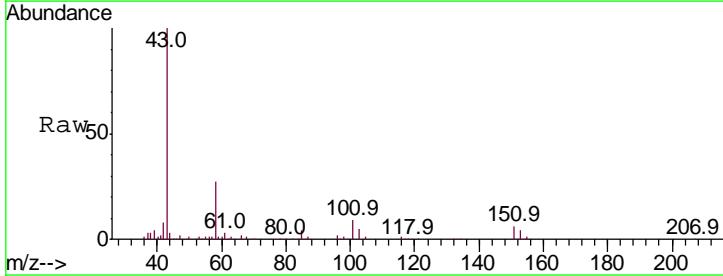
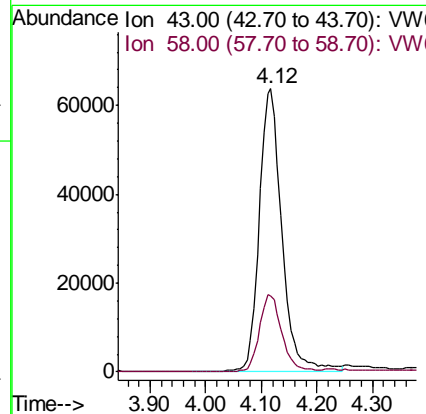
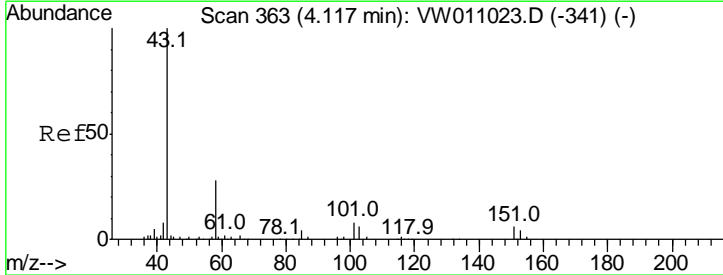
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**APPROVED**

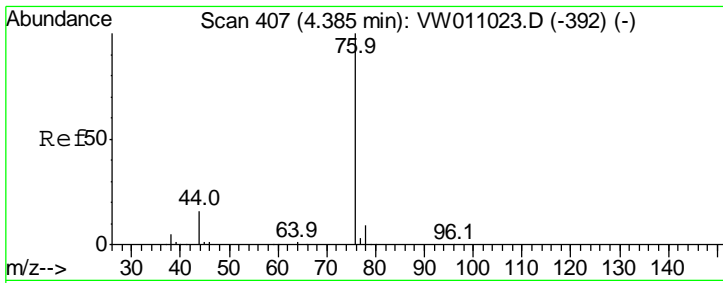
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#16  
 Acetone  
 Concen: 256.461 ug/l  
 RT: 4.12 min Scan# 363  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
43	100		
58	26.7	22.5	33.7



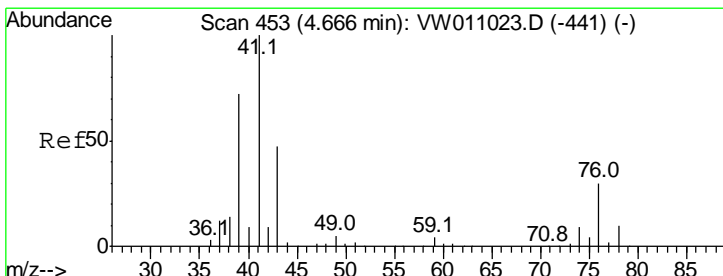
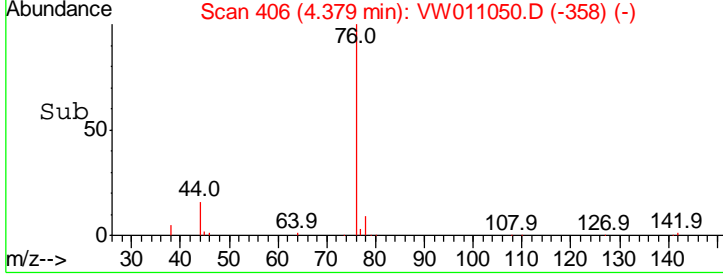
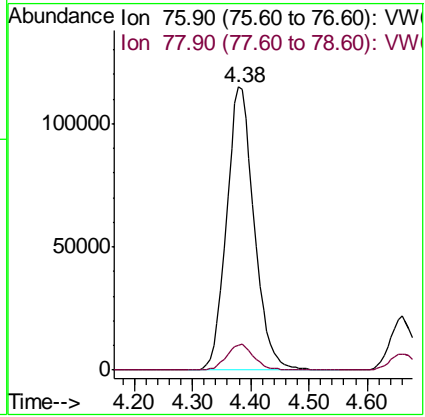
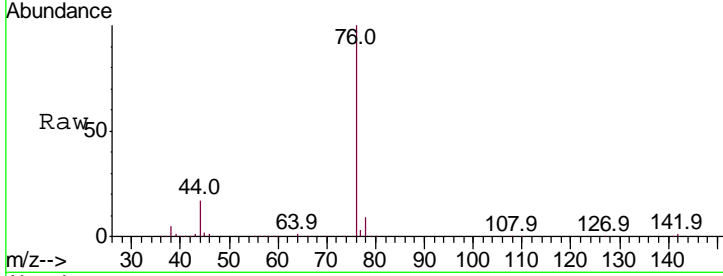


#17  
 Carbon Disulfide  
 Concen: 52.686 ug/l  
 RT: 4.38 min Scan# 406  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

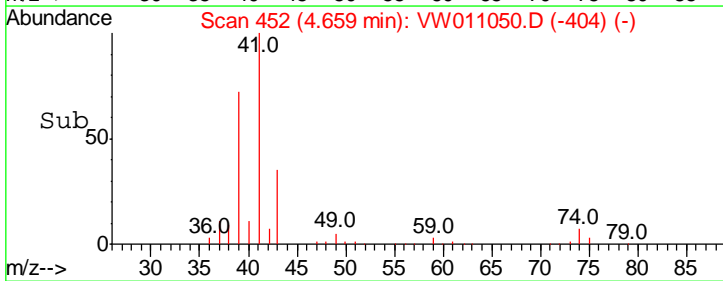
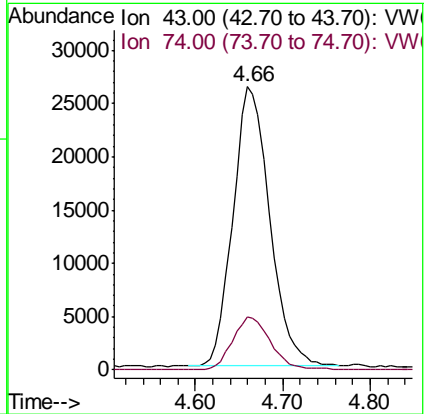
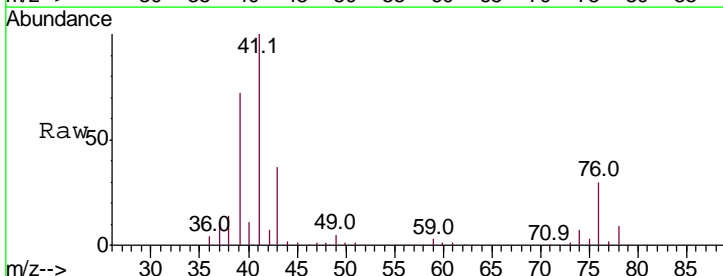
Tgt Ion	Resp	Lower	Upper
76	100		
78	8.9	7.2	10.8

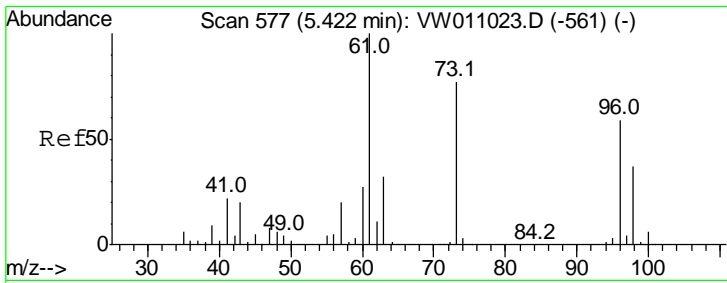
Manual Integrations  
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#18  
 Methyl Acetate  
 Concen: 41.622 ug/l  
 RT: 4.66 min Scan# 452  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
43	100		
74	19.7	15.8	23.8





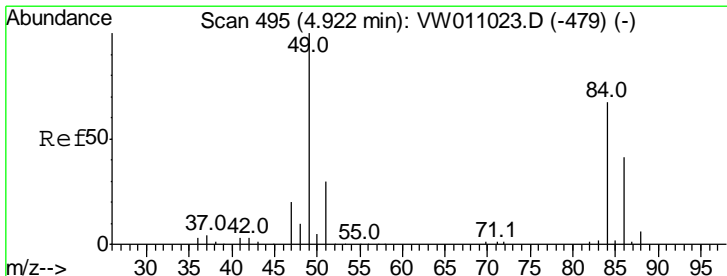
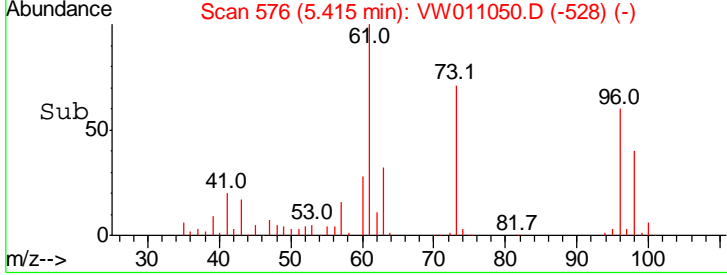
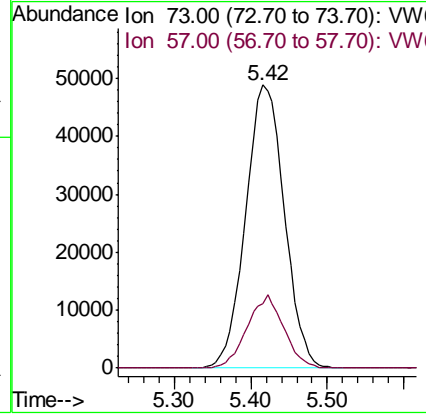
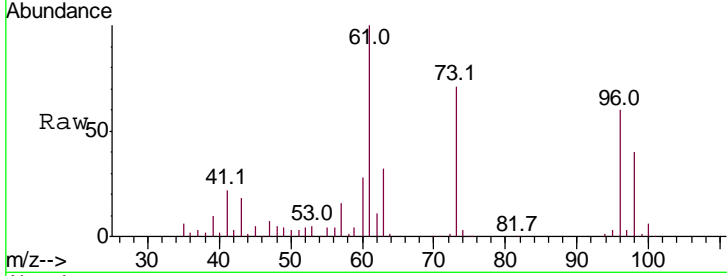
#19  
 Methyl tert-butyl Ether  
 Concen: 48.209 ug/l  
 RT: 5.42 min Scan# 576  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

Tgt Ion	Resp	Lower	Upper
73	100		
57	22.9	20.8	31.2

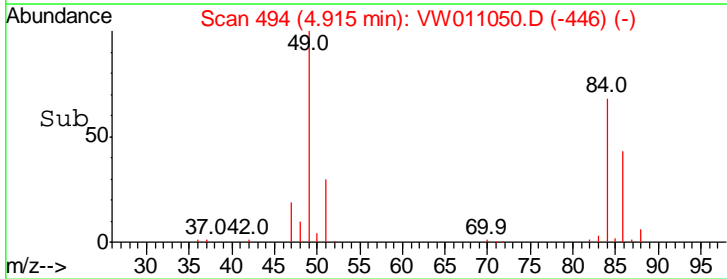
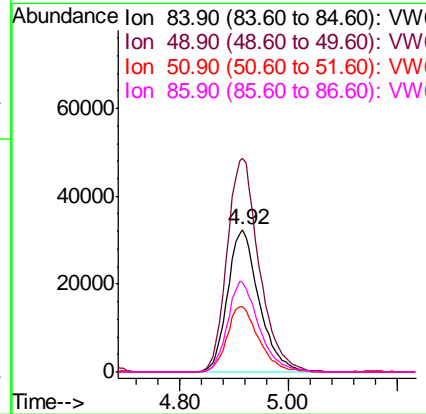
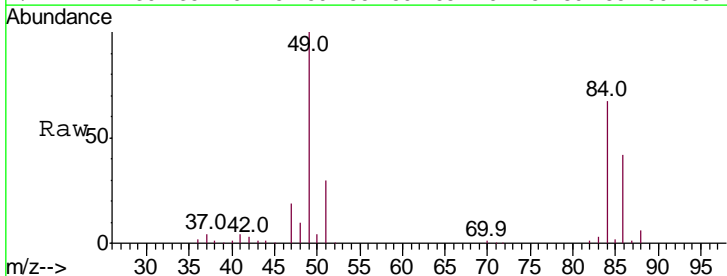
**Manual Integrations**  
**APPROVED**

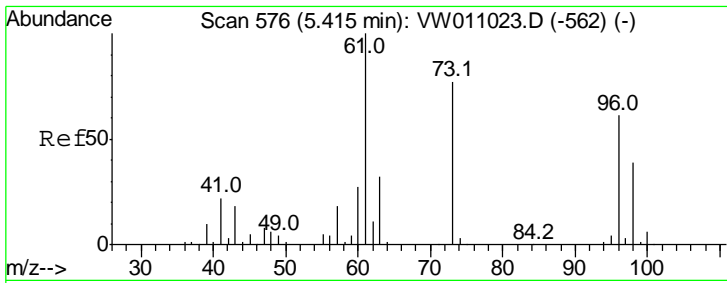
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#20  
 Methylene Chloride  
 Concen: 45.302 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
84	100		
49	149.8	119.6	179.4
51	45.6	35.6	53.4
86	62.8	49.0	73.6



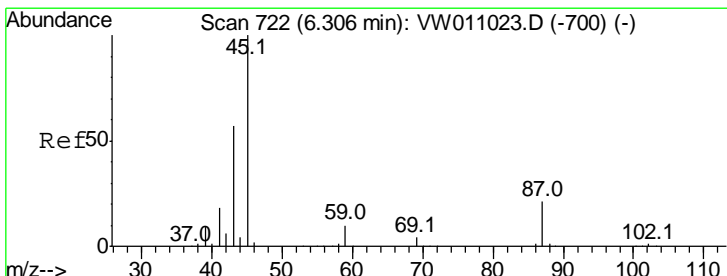
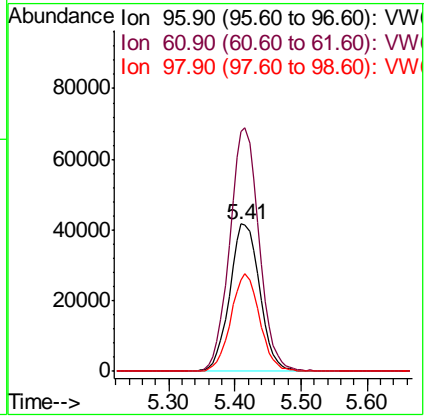
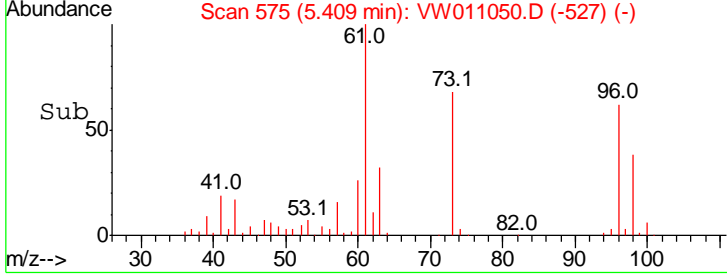
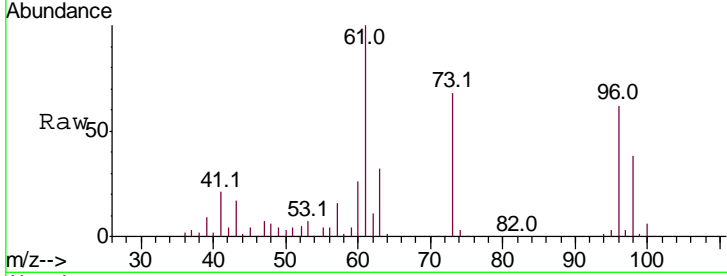


#21  
 trans-1,2-Dichloroethene  
 Concen: 50.569 ug/l  
 RT: 5.41 min Scan# 575  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

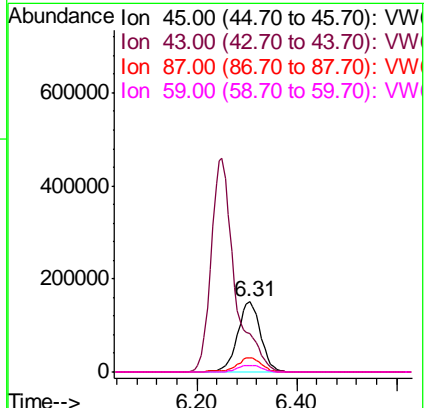
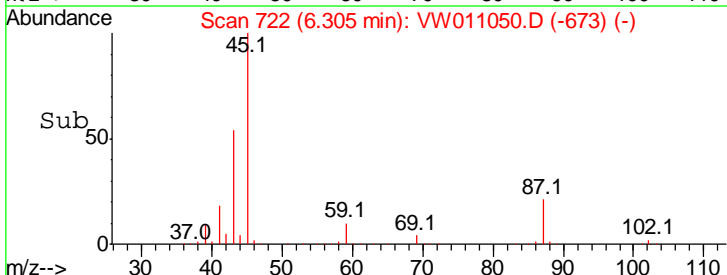
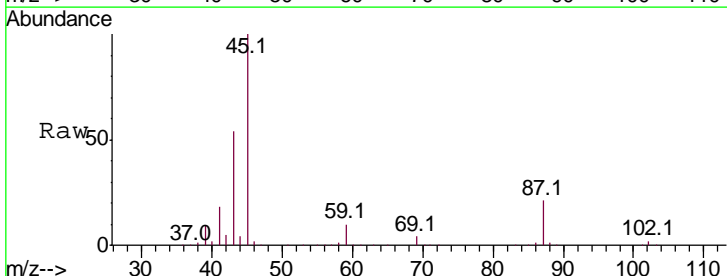
Tgt Ion	Resp	Lower	Upper
96	131490		
96	100		
61	162.5	131.0	196.4
98	62.0	50.8	76.2

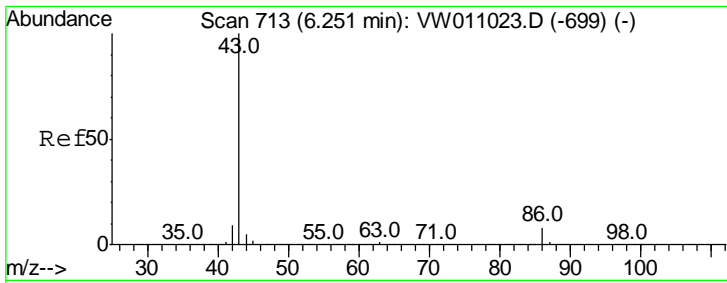
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#22  
 Diisopropyl ether  
 Concen: 49.395 ug/l  
 RT: 6.31 min Scan# 722  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
45	482759		
45	100		
43	53.7	45.8	68.6
87	20.7	17.1	25.7
59	10.0	8.2	12.4





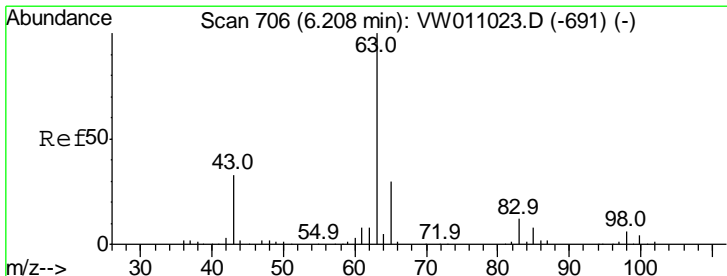
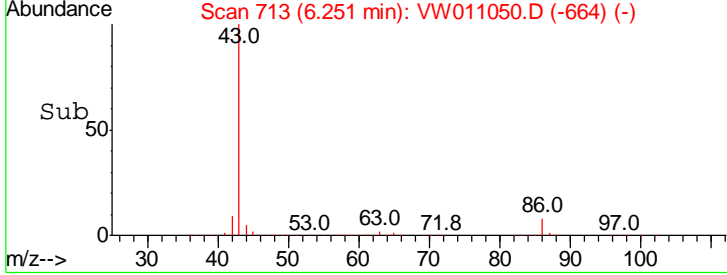
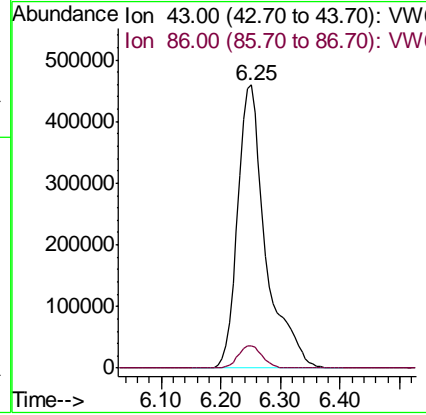
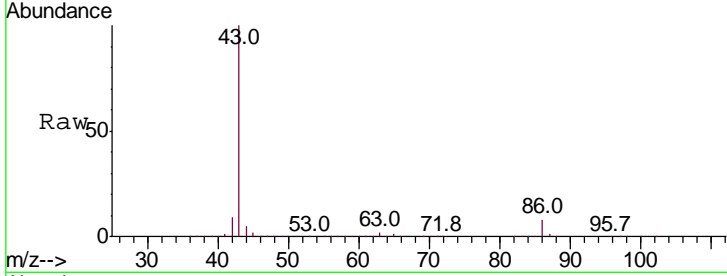
#23  
 Vinyl Acetate  
 Concen: 249.418 ug/l  
 RT: 6.25 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

Tgt Ion: 43 Resp: 1501984

Ion	Ratio	Lower	Upper
43	100		
86	8.0	6.6	10.0

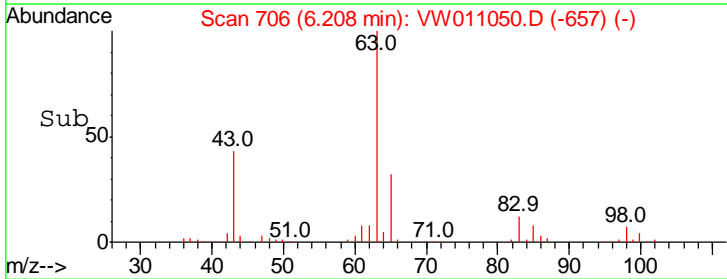
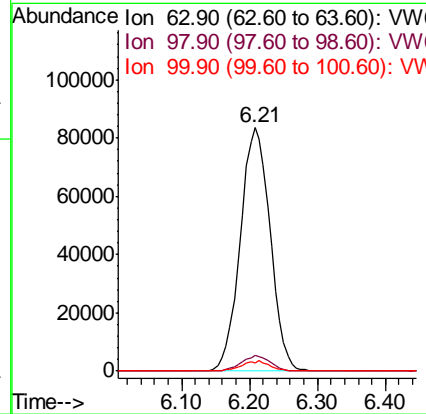
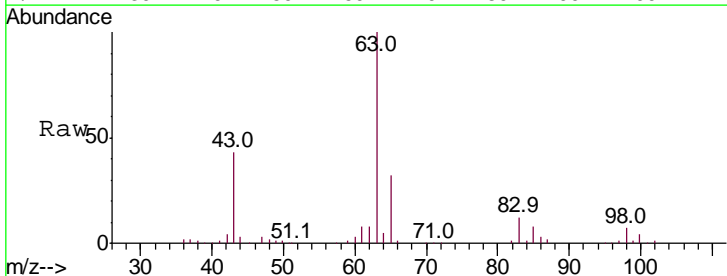
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/2/2019 12:52:55 AM



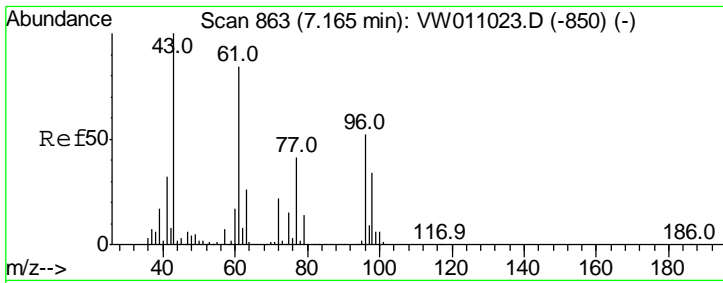
#24  
 1,1-Dichloroethane  
 Concen: 49.328 ug/l  
 RT: 6.21 min Scan# 706  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion: 63 Resp: 254477

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.1	9.4
100	3.6	2.1	6.2







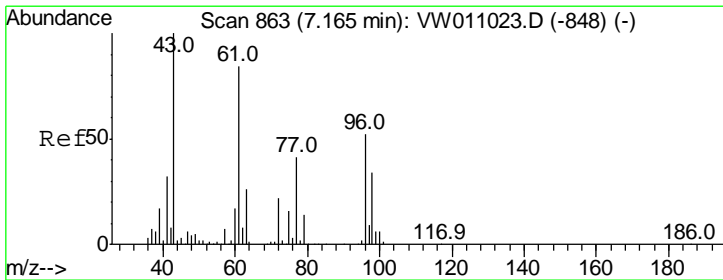
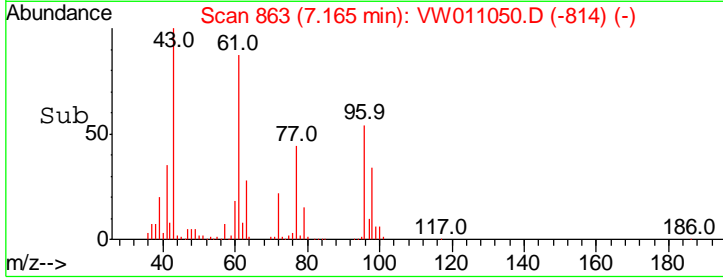
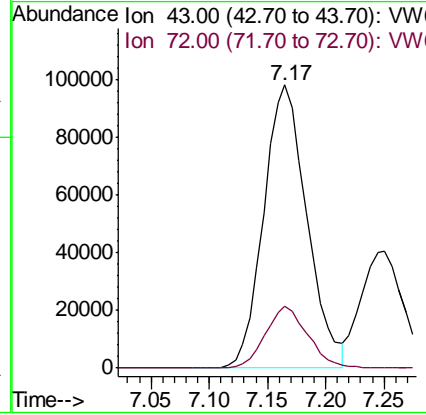
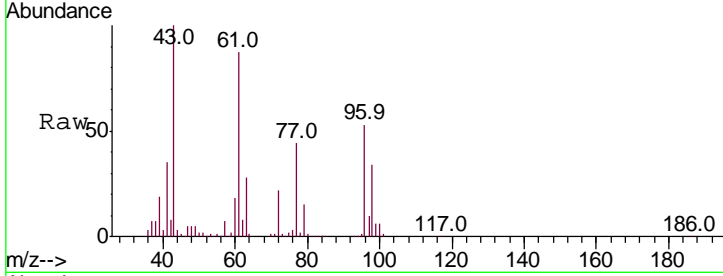
#25  
 2-Butanone  
 Concen: 234.283 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
72	22.0	17.2	25.8

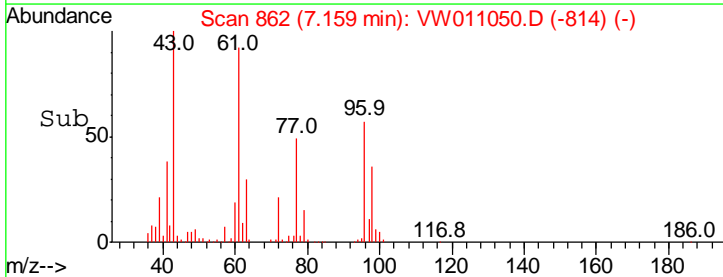
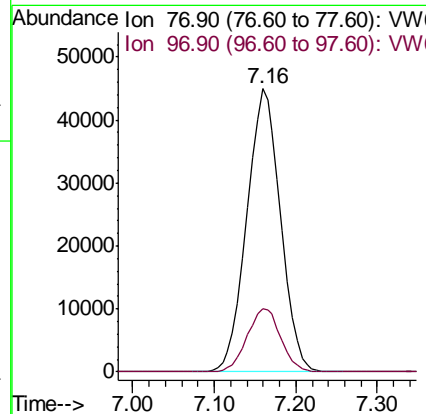
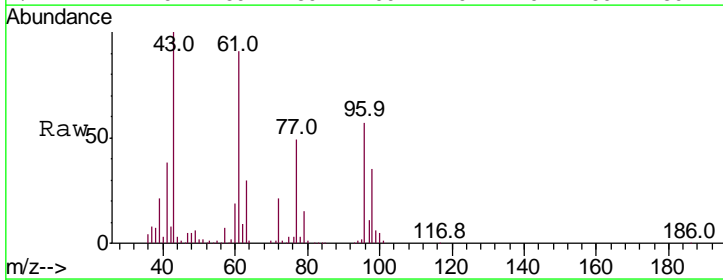
Manual Integrations  
 APPROVED

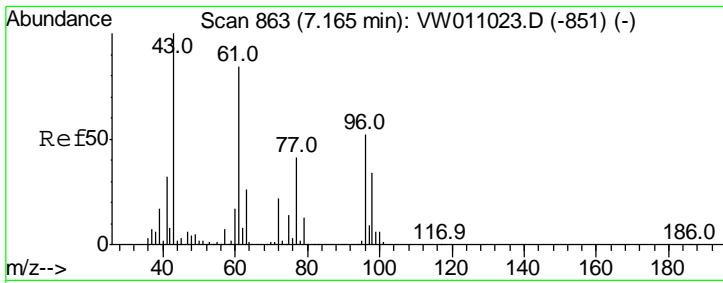
MMDadoda  
 7/2/2019 12:52:55 AM



#26  
 2,2-Dichloropropane  
 Concen: 48.210 ug/l  
 RT: 7.16 min Scan# 862  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
77	100		
97	22.4	10.9	32.7





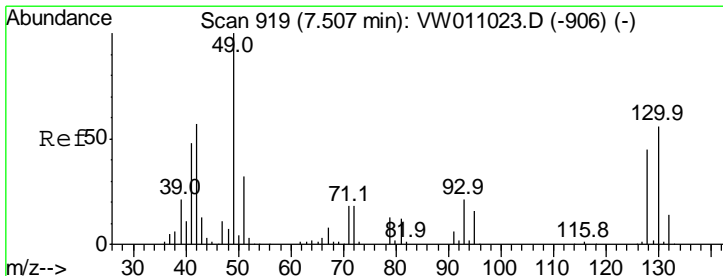
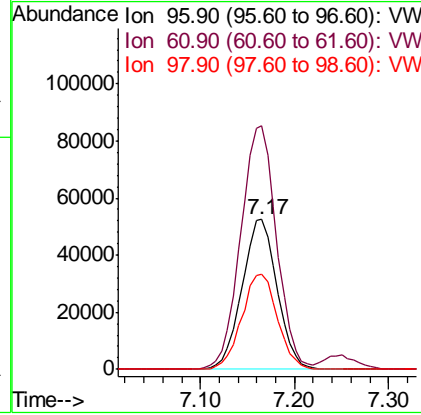
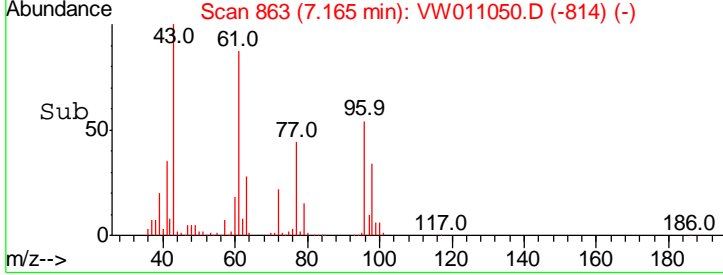
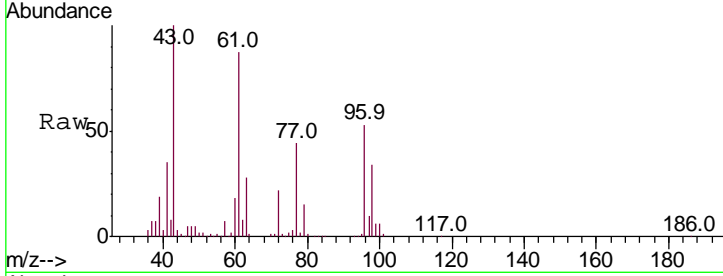
#27  
 cis-1,2-Dichloroethene  
 Concen: 48.857 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

Tgt Ion	Resp	Lower	Upper
96	136787		
96	100		
61	165.9	0.0	330.4
98	64.7	0.0	129.4

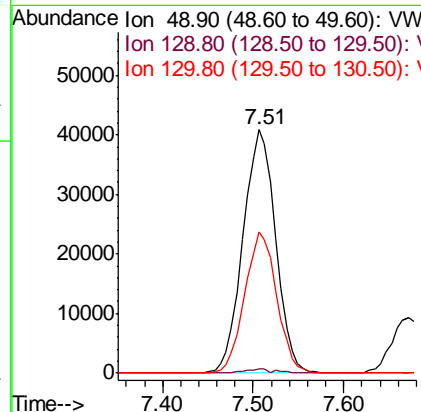
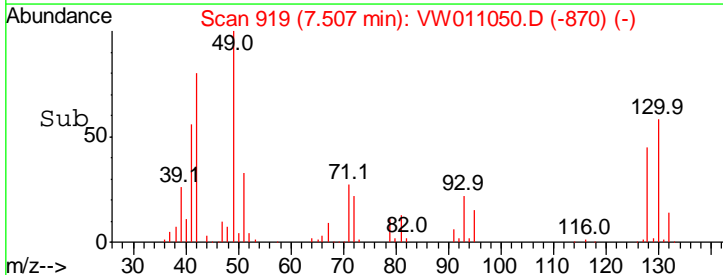
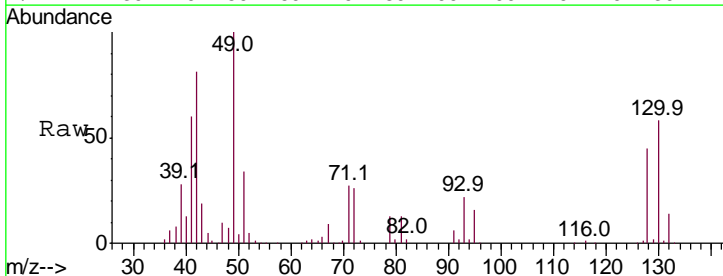
**Manual Integrations**  
**APPROVED**

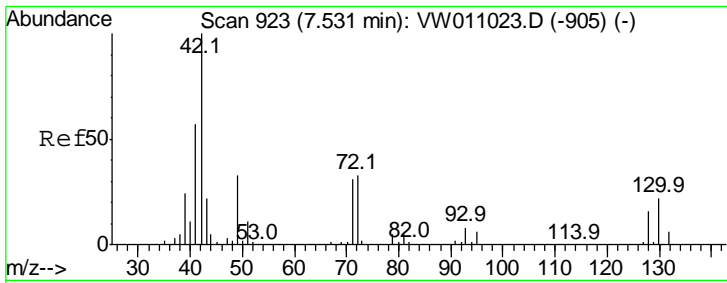
MMDadoda  
 7/2/2019 12:52:55 AM



#28  
 Bromochloromethane  
 Concen: 42.394 ug/l  
 RT: 7.51 min Scan# 919  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
49	101813		
49	100		
129	1.6	0.0	3.4
130	56.7	46.1	69.1





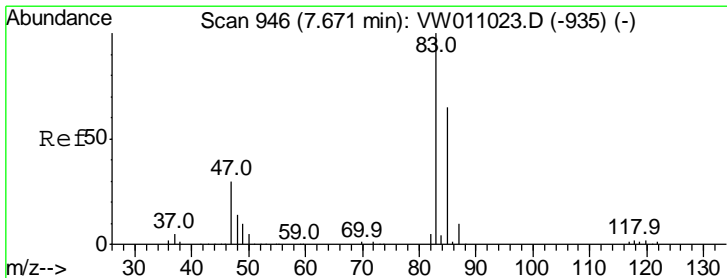
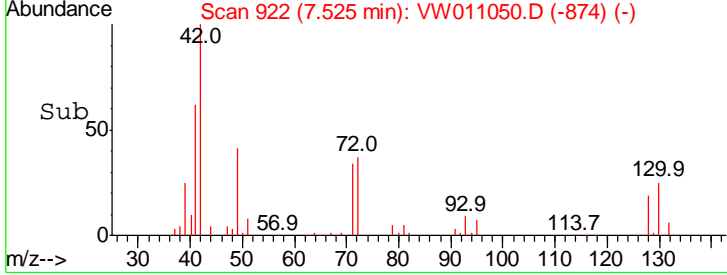
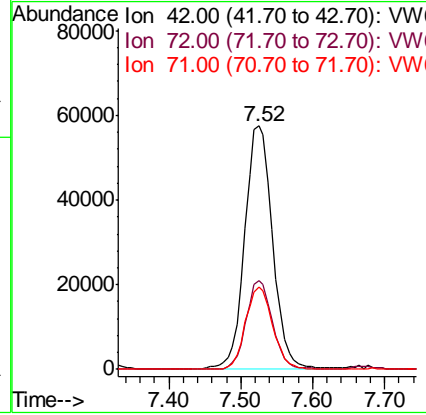
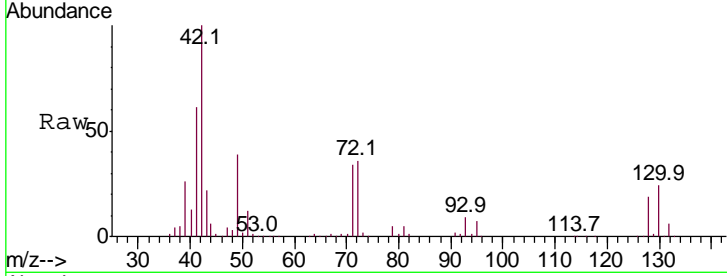
#29  
 Tetrahydrofuran  
 Concen: 229.332 ug/l  
 RT: 7.52 min Scan# 922  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
42	154361		
42	100		
72	34.5	27.4	41.0
71	32.9	25.6	38.4

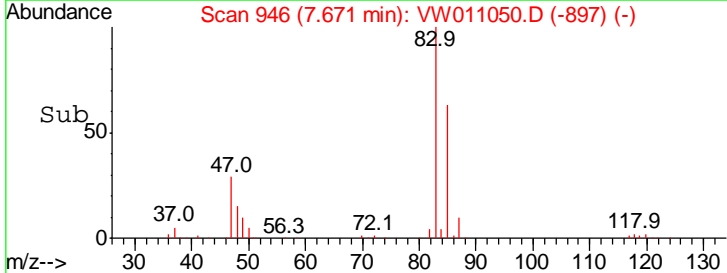
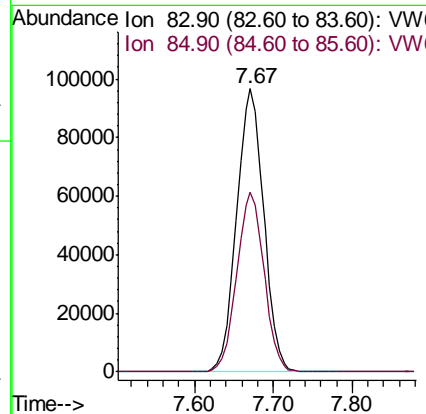
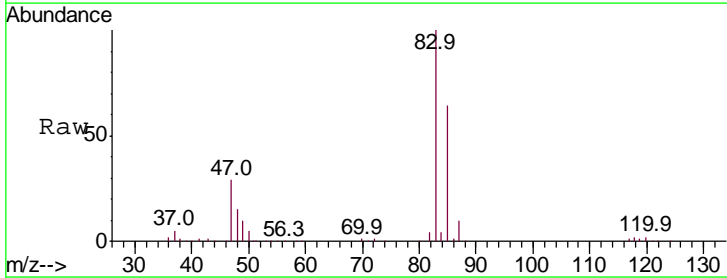
Manual Integrations  
 APPROVED

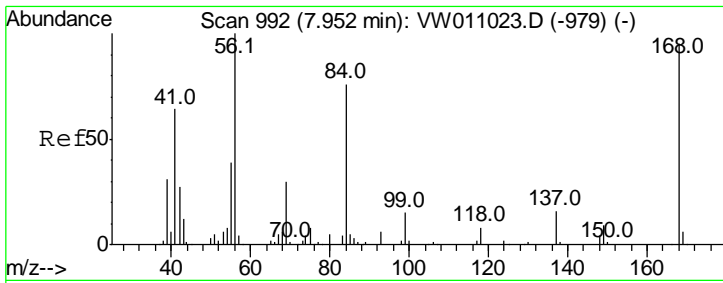
MMDadoda  
 7/2/2019 12:52:55 AM



#30  
 Chloroform  
 Concen: 49.341 ug/l  
 RT: 7.67 min Scan# 946  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
83	231251		
83	100		
85	63.5	52.2	78.4





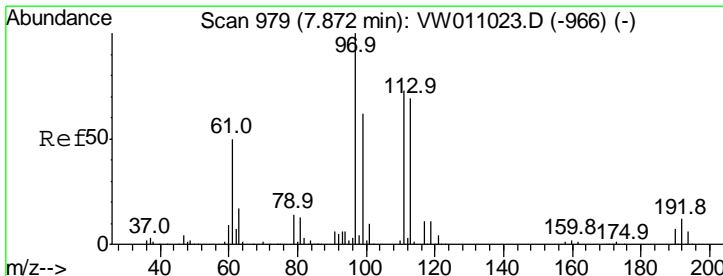
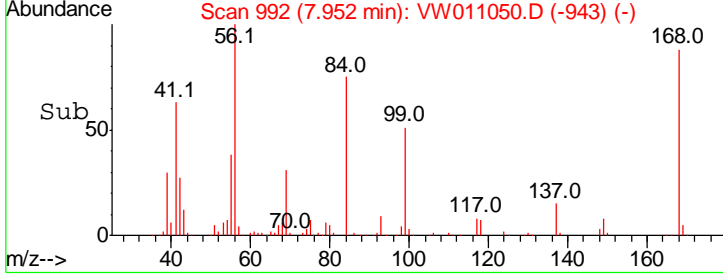
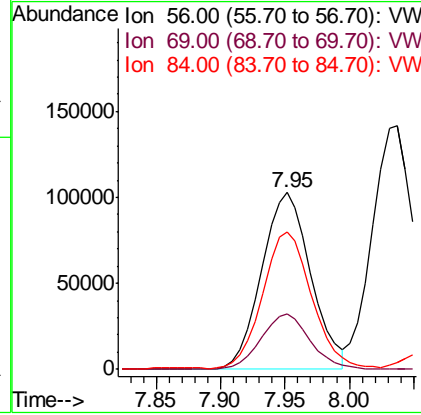
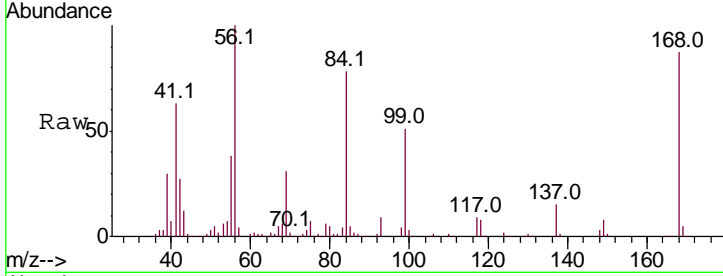
#31  
 Cyclohexane  
 Concen: 48.794 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	100		
69	31.2	24.2	36.2
84	76.7	60.6	90.8

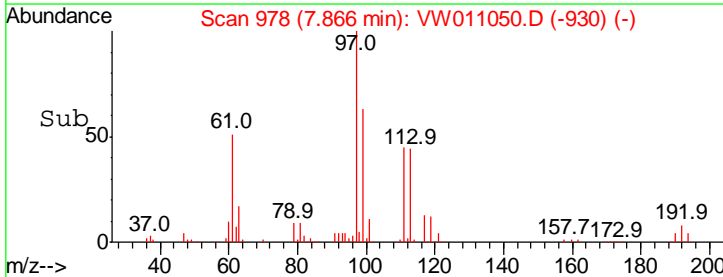
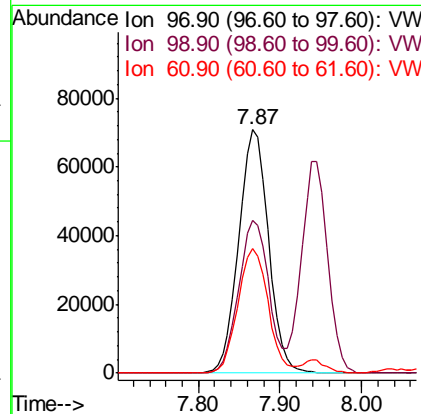
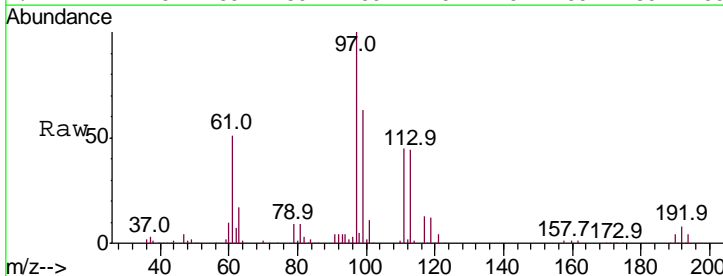
**Manual Integrations**  
**APPROVED**

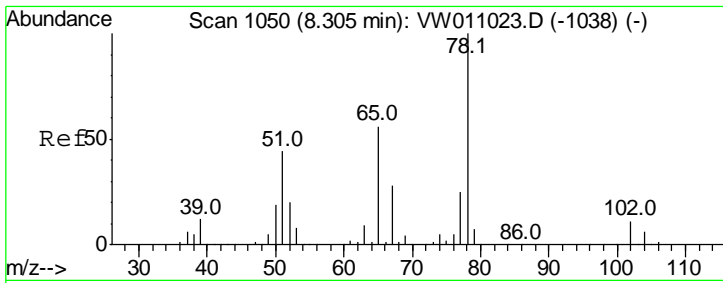
MMDadoda  
 7/2/2019 12:52:55 AM



#32  
 1,1,1-Trichloroethane  
 Concen: 51.053 ug/l  
 RT: 7.87 min Scan# 978  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	52.3	41.4	62.2





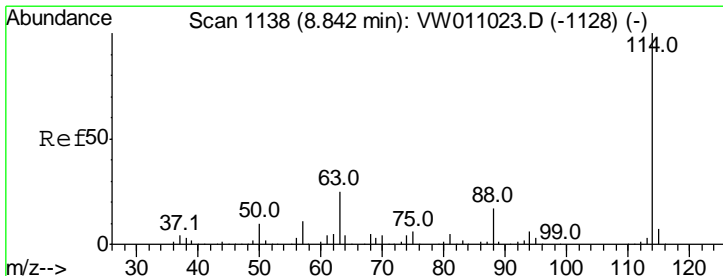
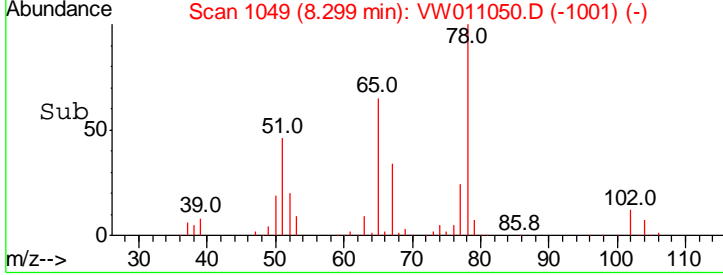
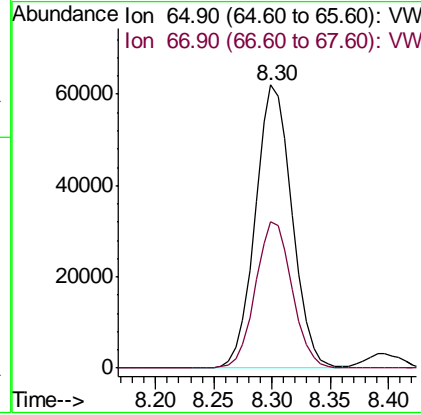
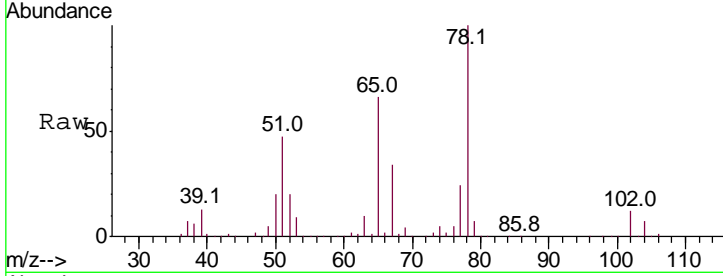
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.781 ug/l  
 RT: 8.30 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

Tgt Ion	Resp	Lower	Upper
65	136327		
65	100		
67	51.5	0.0	102.4

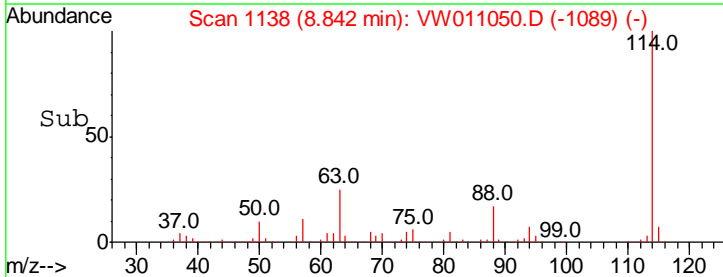
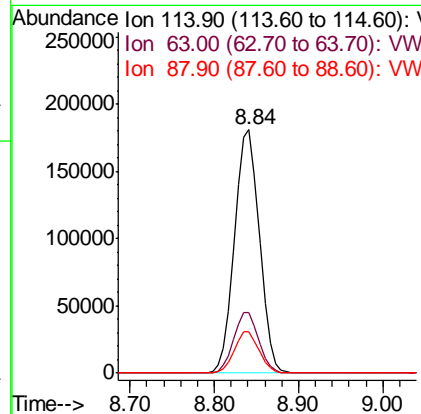
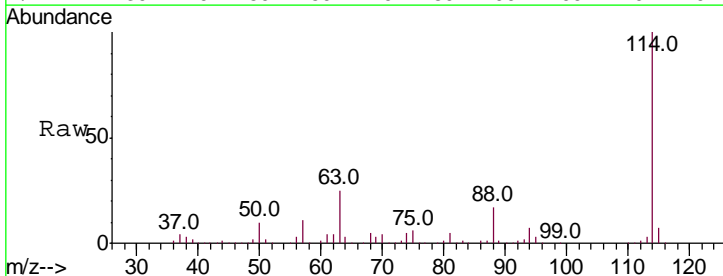
**Manual Integrations**  
**APPROVED**

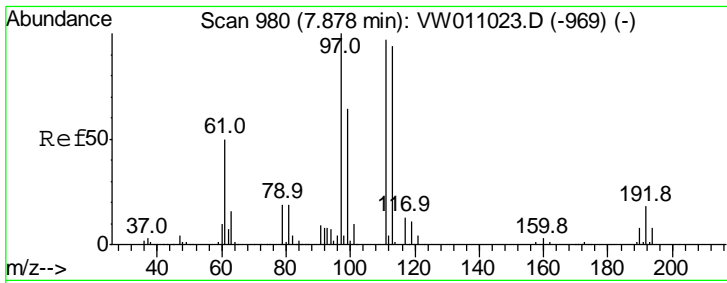
MMDadoda  
 7/2/2019 12:52:55 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
114	363385		
114	100		
63	24.7	0.0	50.6
88	16.9	0.0	34.0





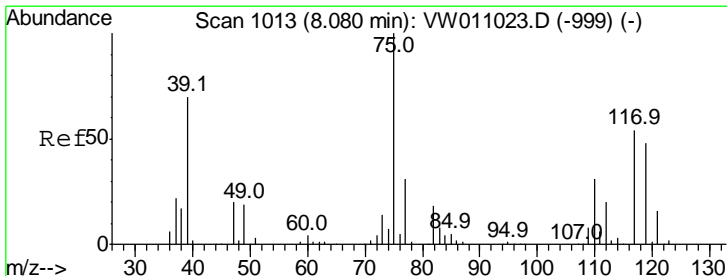
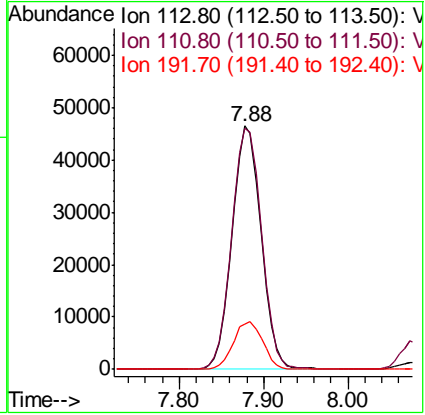
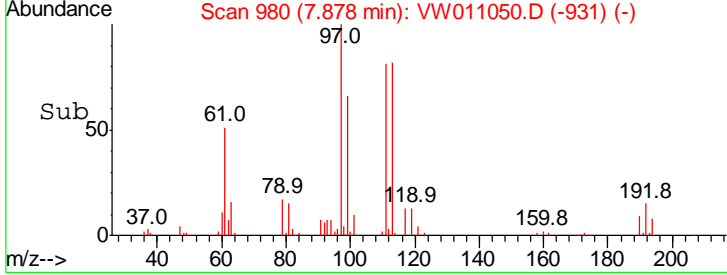
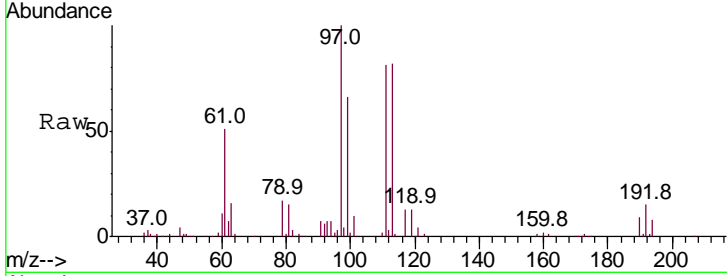
#35  
 Dibromofluoromethane  
 Concen: 48.816 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
113	108322		
113	100		
111	102.2	83.8	125.6
192	19.8	16.0	24.0

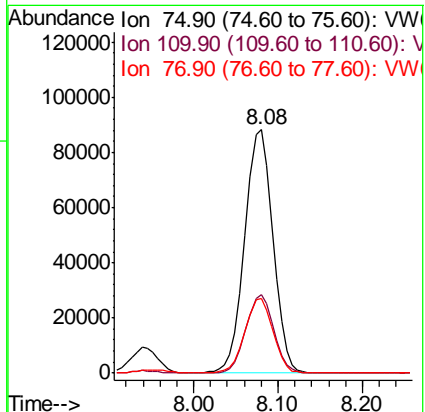
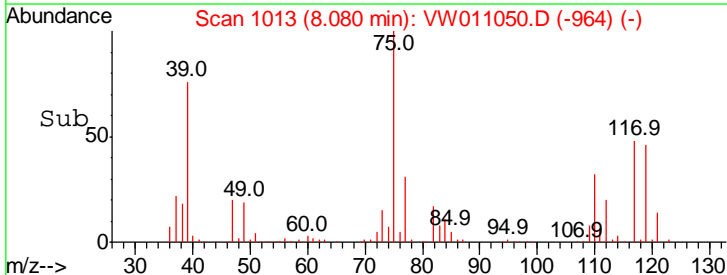
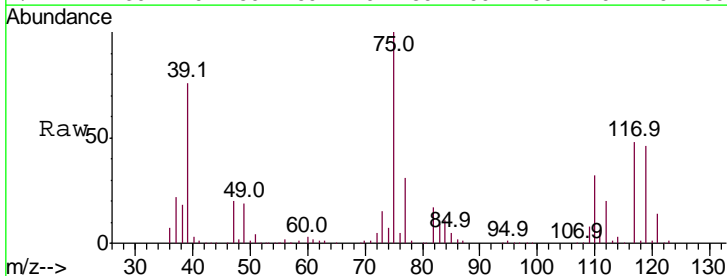
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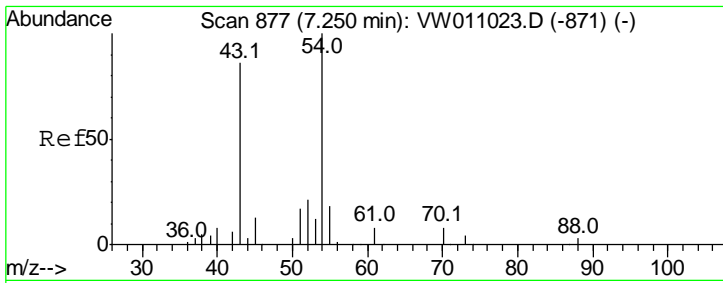
MMDadoda  
 7/2/2019 12:52:55 AM



#36  
 1,1-Dichloropropene  
 Concen: 51.215 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
75	200032		
75	100		
110	31.6	15.5	46.5
77	30.8	24.9	37.3





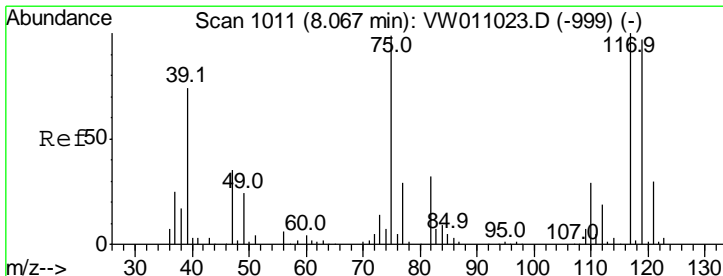
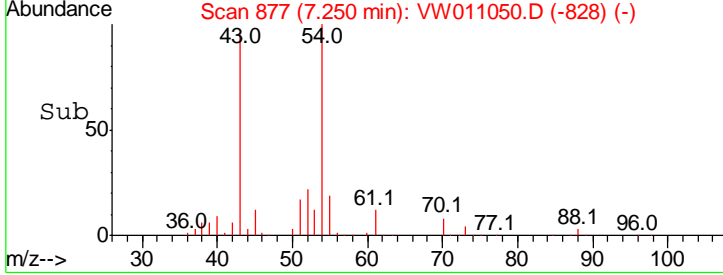
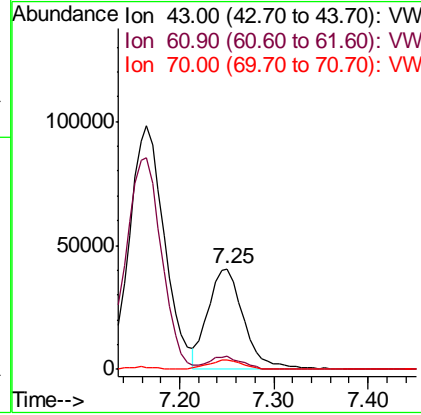
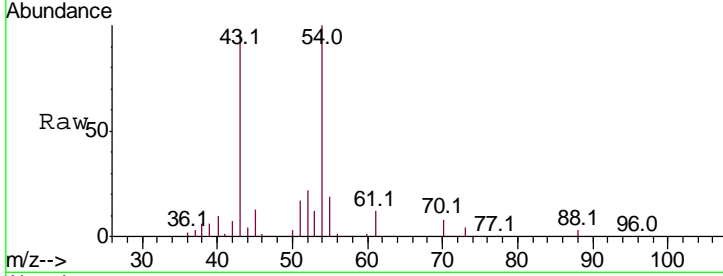
#37  
 Ethyl Acetate  
 Concen: 46.023 ug/l  
 RT: 7.25 min Scan# 877  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

Tgt Ion	Resp	Lower	Upper
43	104570		
43	100		
61	11.6	9.0	13.4
70	9.1	7.2	10.8

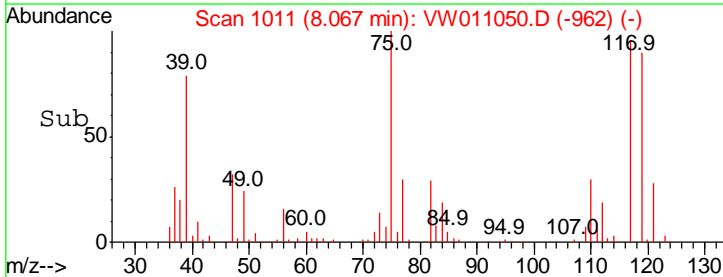
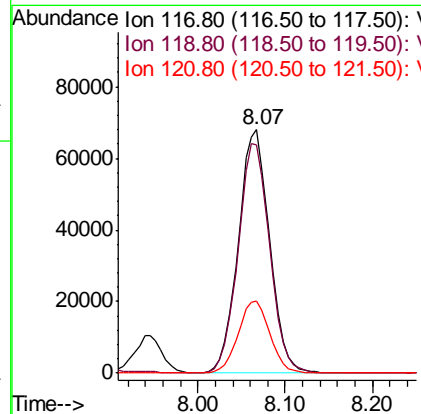
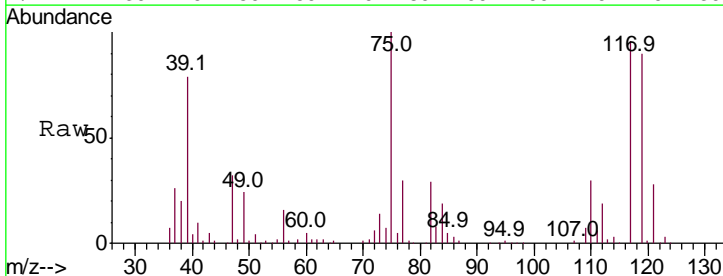
**Manual Integrations**  
**APPROVED**

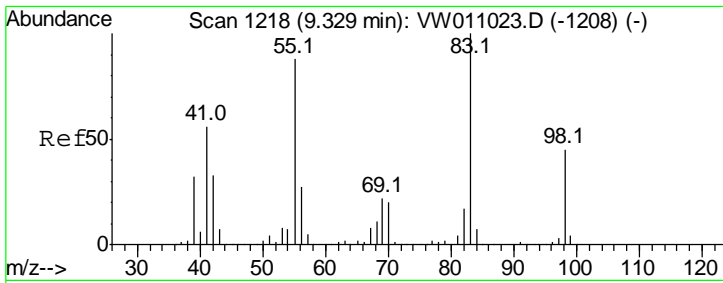
MMDadoda  
 7/2/2019 12:52:55 AM



#38  
 Carbon Tetrachloride  
 Concen: 52.515 ug/l  
 RT: 8.07 min Scan# 1011  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
117	168913		
117	100		
119	93.6	77.7	116.5
121	29.5	23.9	35.9



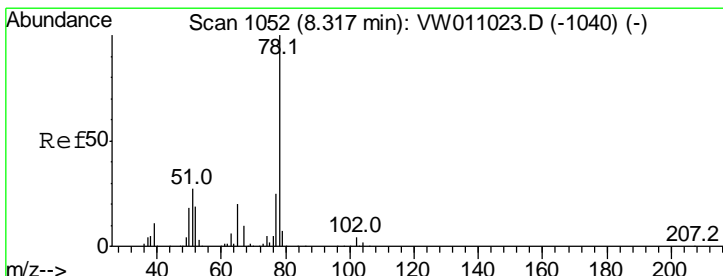
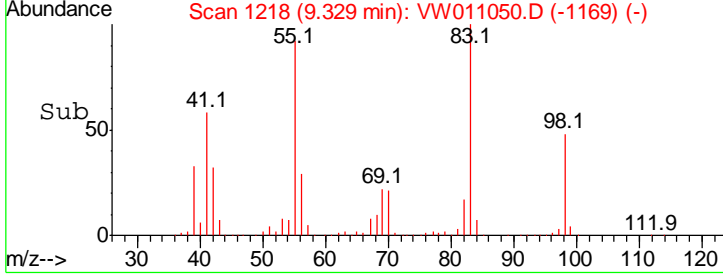
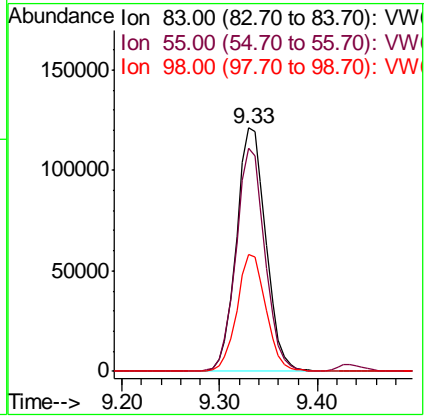
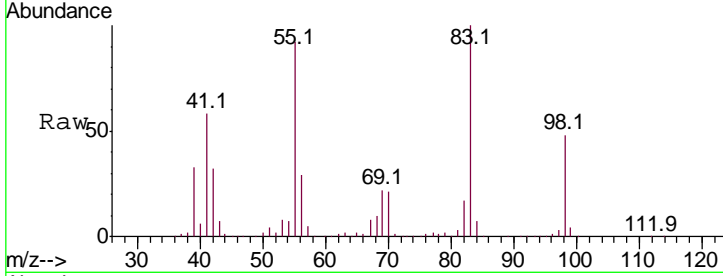


#39  
 Methylcyclohexane  
 Concen: 52.708 ug/l  
 RT: 9.33 min Scan# 1218  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

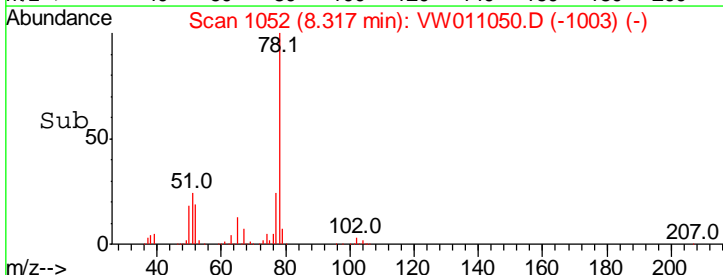
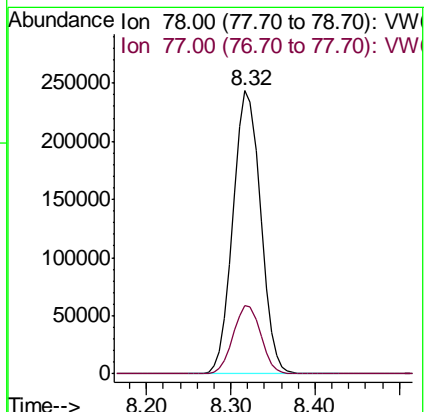
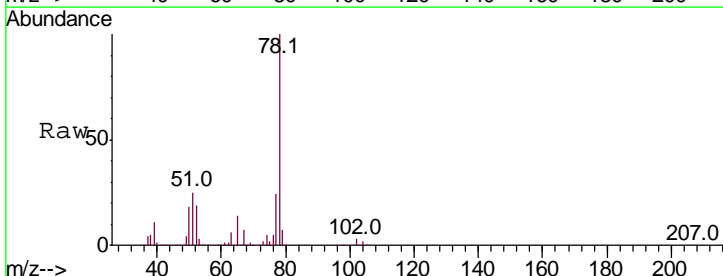
Tgt Ion	Resp	Lower	Upper
83	100		
55	91.7	70.7	106.1
98	47.9	36.4	54.6

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 MMDadoda  
 7/2/2019 12:52:55 AM

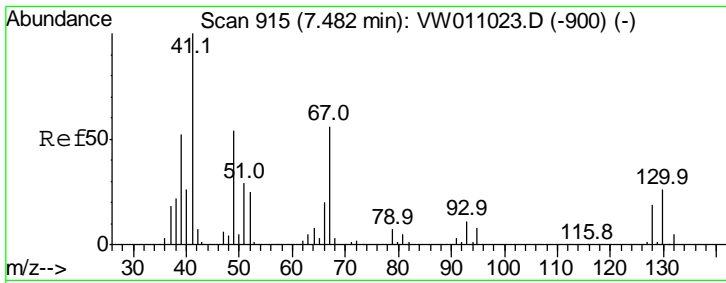


#40  
 Benzene  
 Concen: 50.317 ug/l  
 RT: 8.32 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
78	100		
77	24.2	19.7	29.5







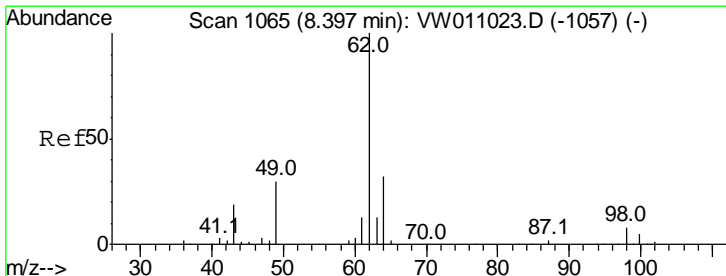
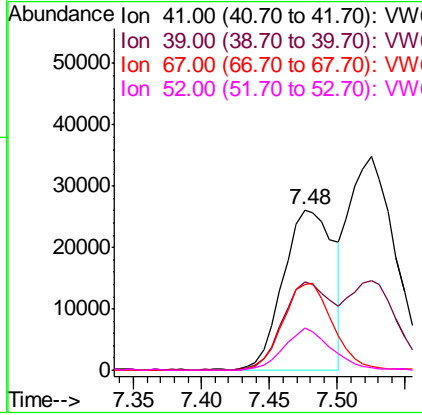
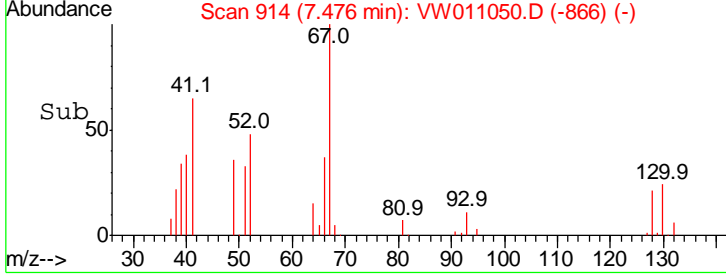
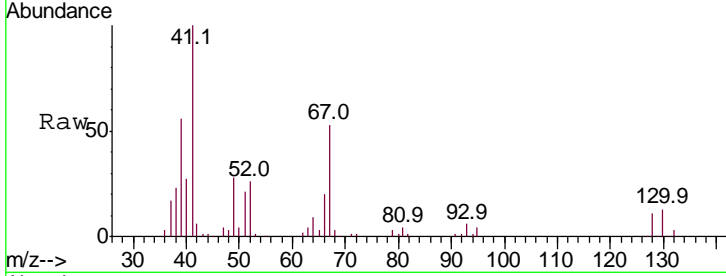
#41  
 Methacrylonitrile  
 Concen: 48.932 ug/l  
 RT: 7.48 min Scan# 914  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
41	100		
39	54.0	42.1	63.1
67	53.6	44.2	66.2
52	25.3	21.0	31.6

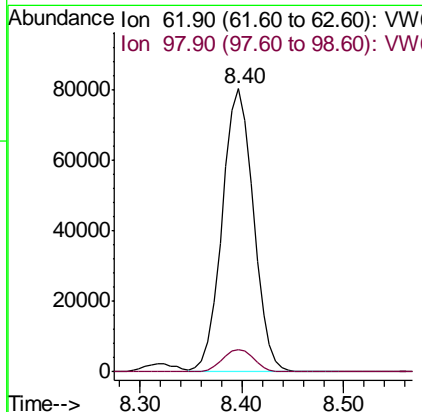
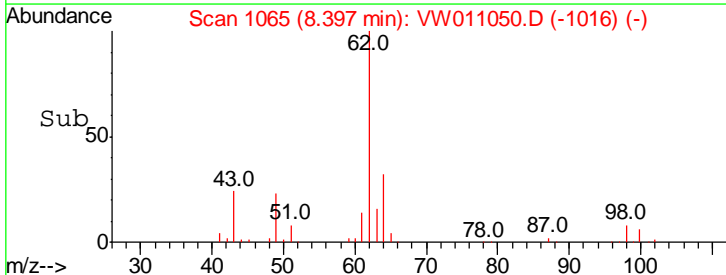
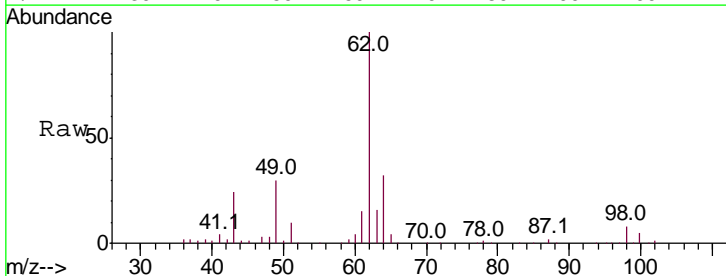
Manual Integrations  
 APPROVED

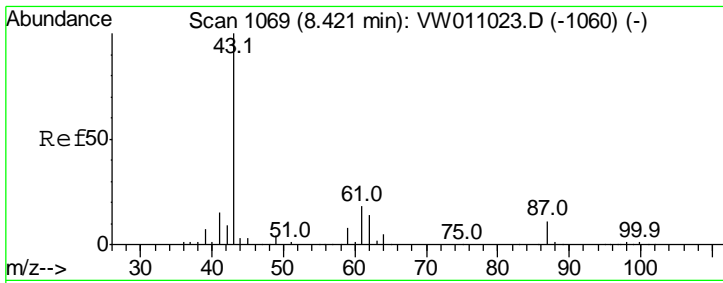
MMDadoda  
 7/2/2019 12:52:55 AM



#42  
 1,2-Dichloroethane  
 Concen: 48.643 ug/l  
 RT: 8.40 min Scan# 1065  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
62	100		
98	8.1	0.0	16.8





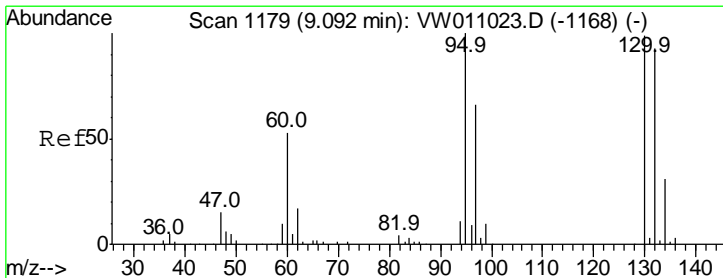
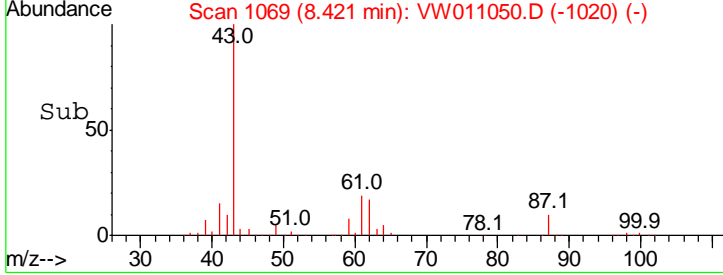
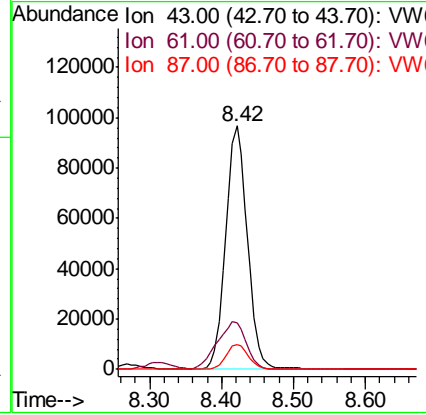
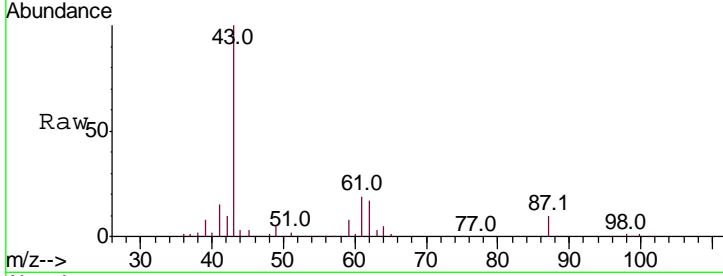
#43  
 Isopropyl Acetate  
 Concen: 46.999 ug/l  
 RT: 8.42 min Scan# 1069  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	26.4	21.0	31.6
87	10.5	8.2	12.4

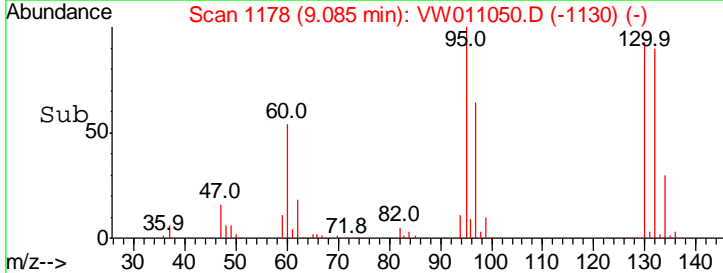
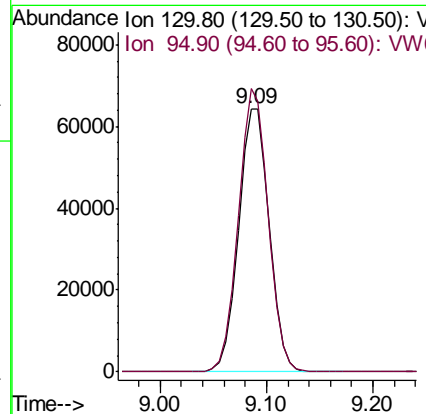
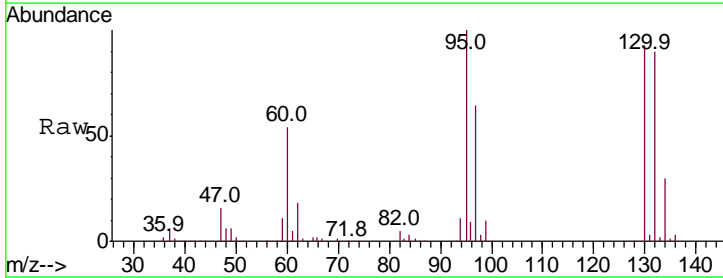
Manual Integrations  
 APPROVED

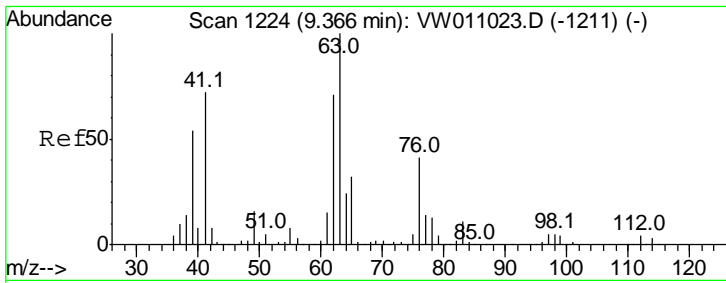
MMDadoda  
 7/2/2019 12:52:55 AM



#44  
 Trichloroethene  
 Concen: 49.939 ug/l  
 RT: 9.09 min Scan# 1178  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
130	100		
95	107.6	0.0	202.0



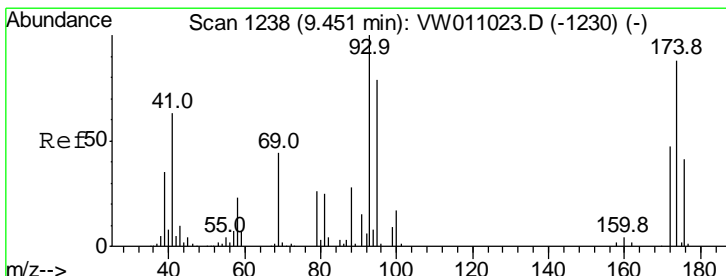
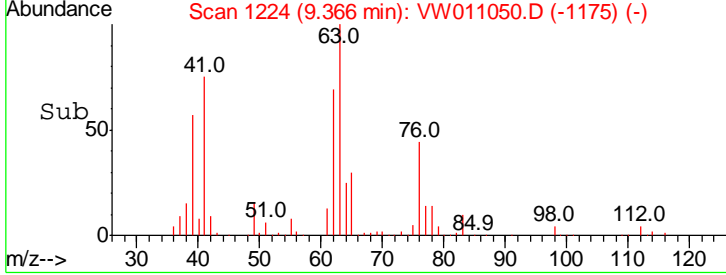
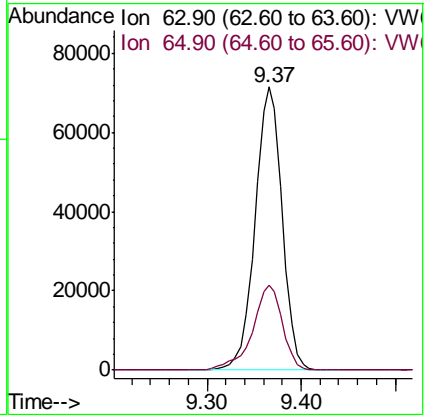
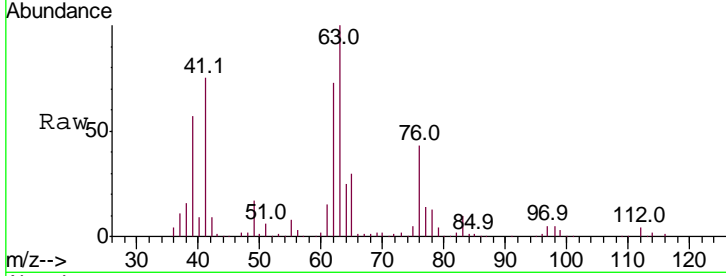


#45  
 1,2-Dichloropropane  
 Concen: 49.342 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

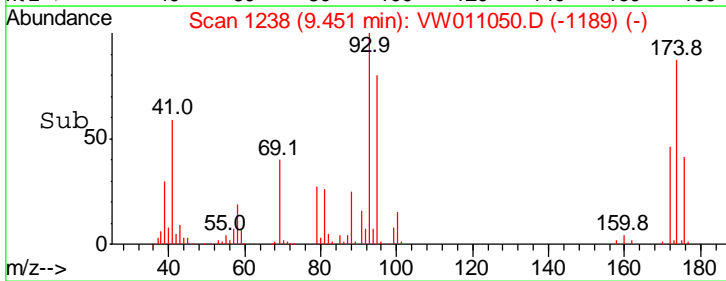
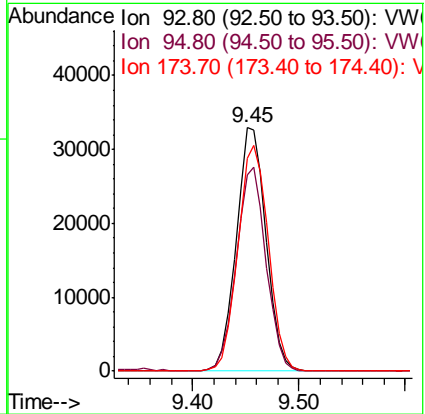
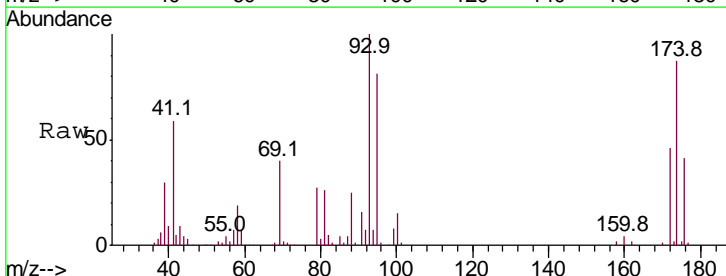
Tgt Ion	Resp	Lower	Upper
63	100		
65	30.2	25.6	38.4

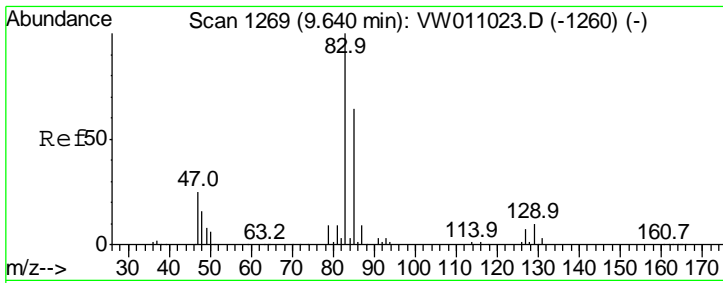
Manual Integrations  
**APPROVED**  
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 7/2/2019 12:52:55 AM



#46  
 Dibromomethane  
 Concen: 47.499 ug/l  
 RT: 9.45 min Scan# 1238  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
93	100		
95	83.3	65.8	98.6
174	94.6	75.4	113.0





#47

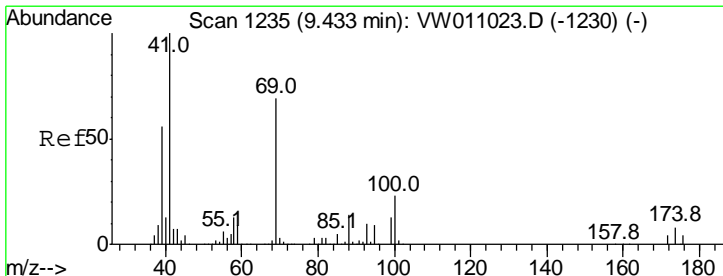
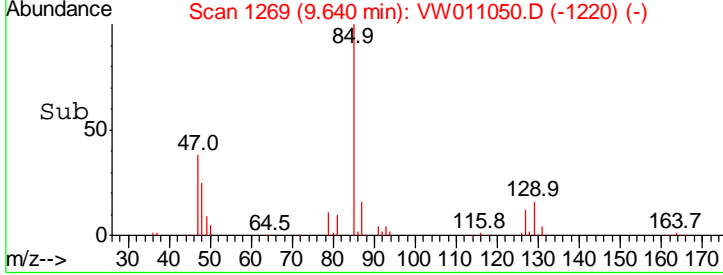
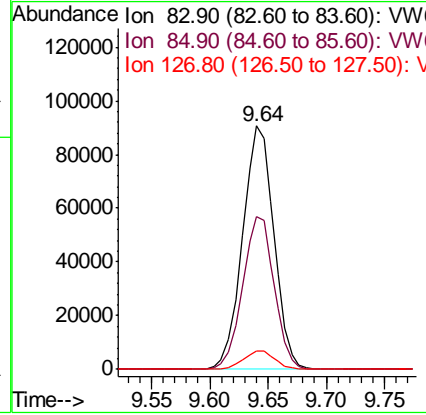
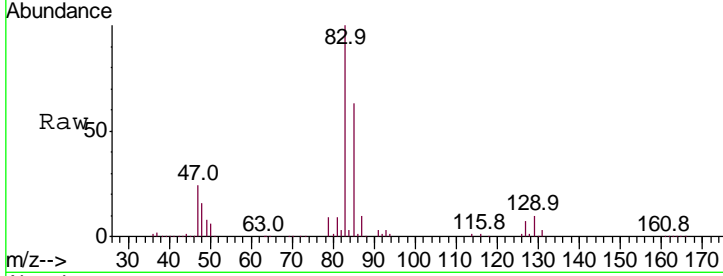
Bromodichloromethane  
 Concen: 50.283 ug/l  
 RT: 9.64 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDC050

Tgt Ion	Resp	Lower	Upper
83	100		
85	62.9	51.0	76.4
127	7.3	5.8	8.8

Manual Integrations  
 APPROVED

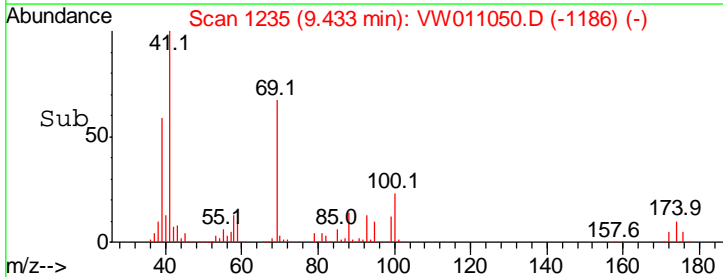
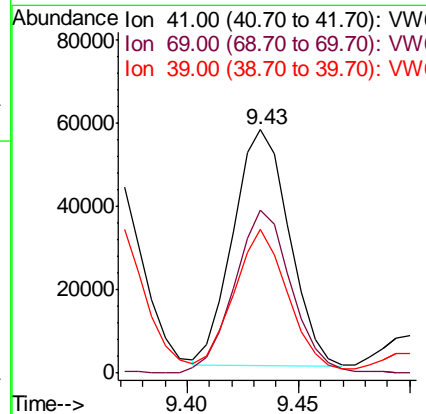
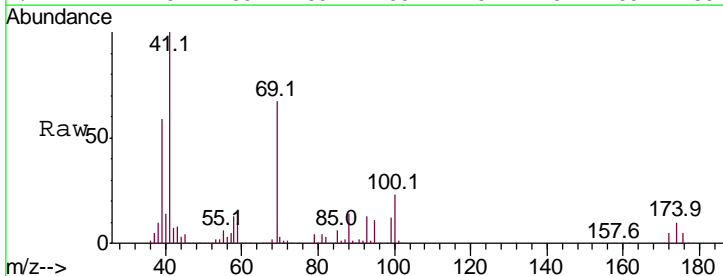
MMDadoda  
 7/2/2019 12:52:55 AM

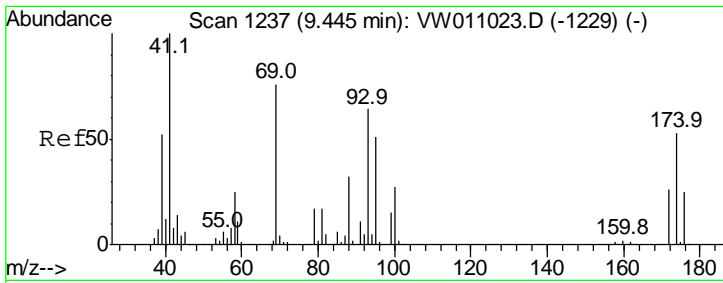


#48

Methyl methacrylate  
 Concen: 47.537 ug/l  
 RT: 9.43 min Scan# 1235  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
41	100		
69	70.4	56.7	85.1
39	56.1	45.0	67.6





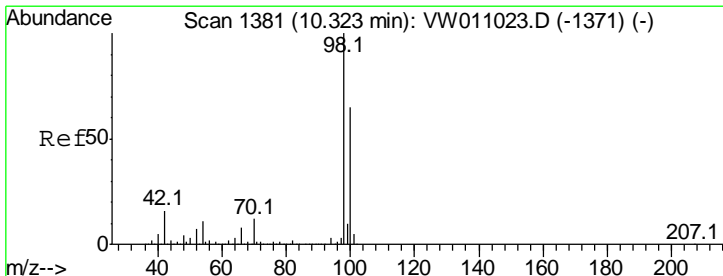
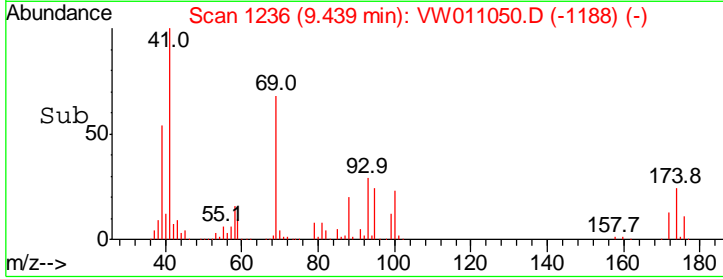
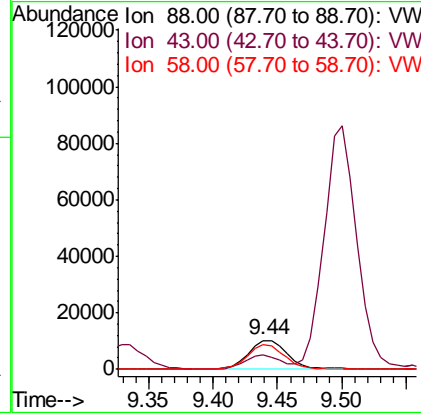
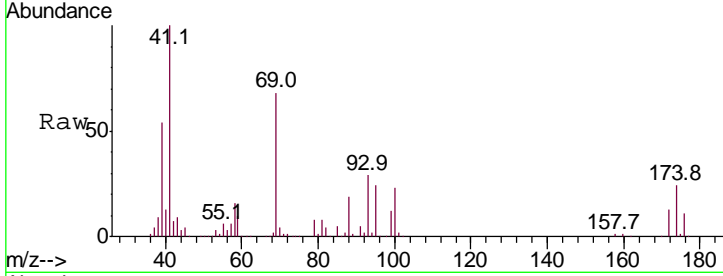
#49  
 1,4-Dioxane  
 Concen: 920.767 ug/l  
 RT: 9.44 min Scan# 1236  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

Tgt Ion	Resp	Lower	Upper
88	100		
43	46.5	34.4	51.6
58	81.3	65.2	97.8

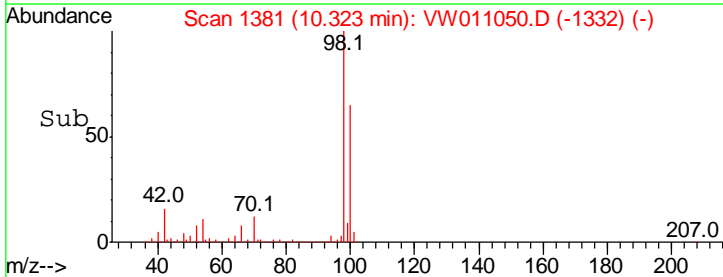
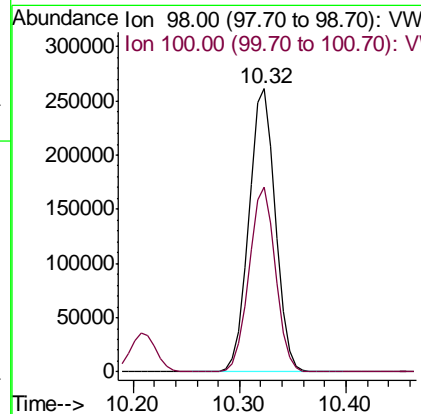
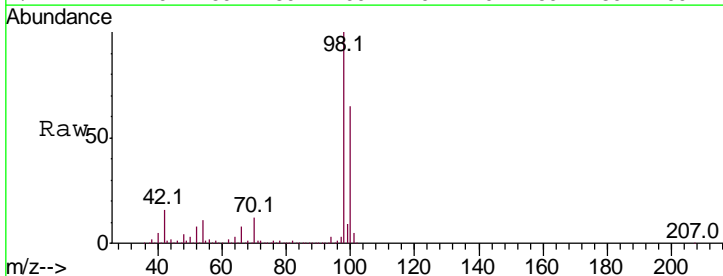
**Manual Integrations**  
**APPROVED**

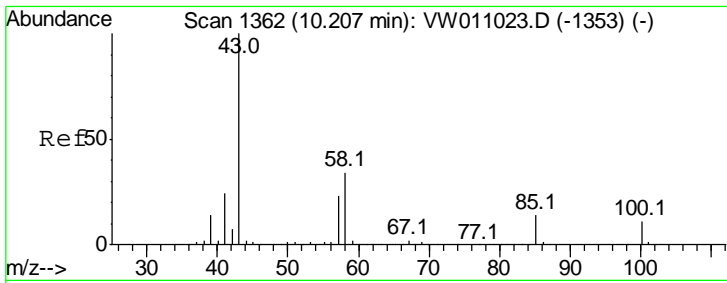
MMDadoda  
 7/2/2019 12:52:55 AM



#50  
 Toluene-d8  
 Concen: 49.883 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
98	100		
100	65.3	52.3	78.5



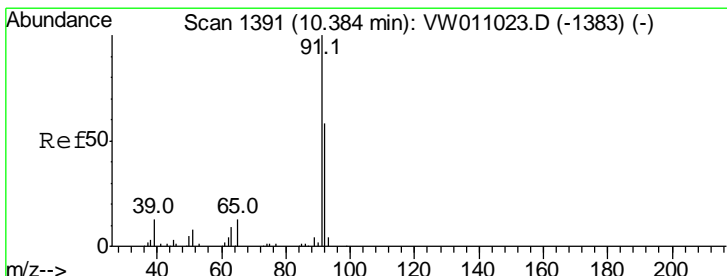
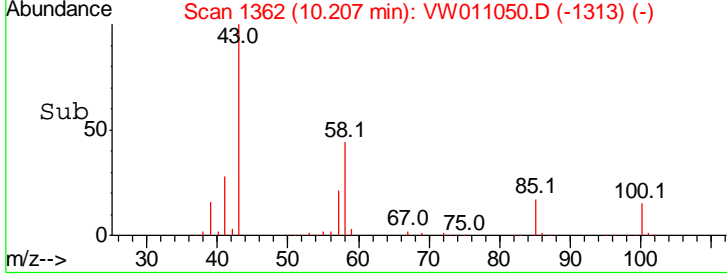
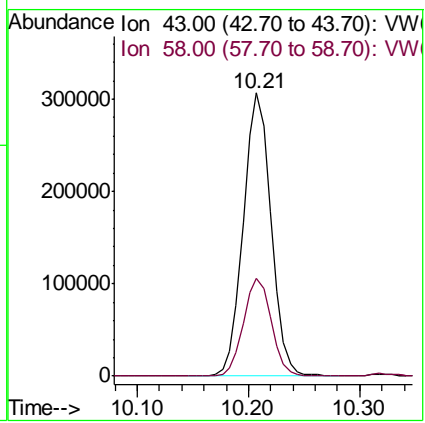
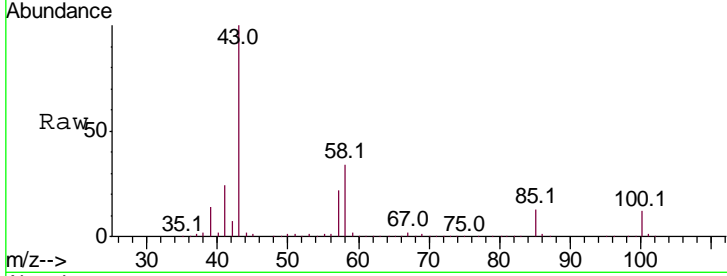


#51  
 4-Methyl-2-Pentanone  
 Concen: 234.397 ug/l  
 RT: 10.21 min Scan# 1362  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

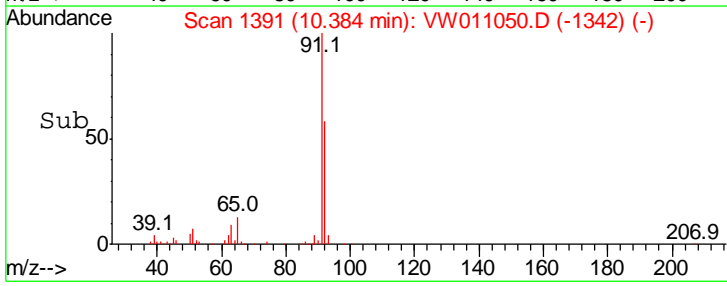
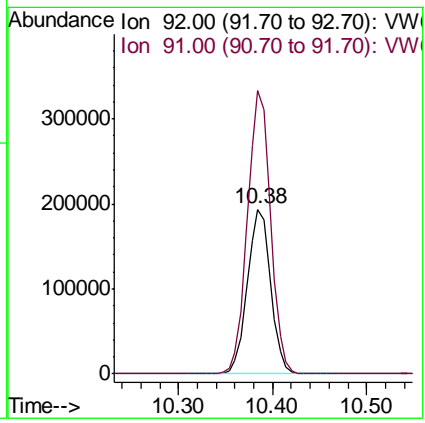
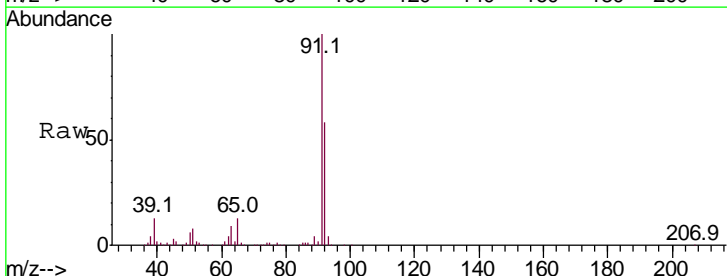
Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.8	41.6

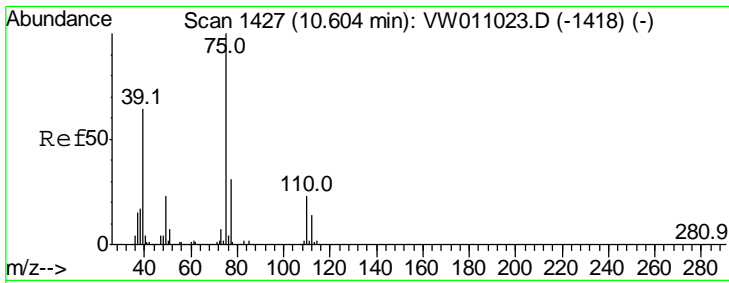
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/2/2019 12:52:55 AM



#52  
 Toluene  
 Concen: 50.882 ug/l  
 RT: 10.38 min Scan# 1391  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.9	136.9	205.3





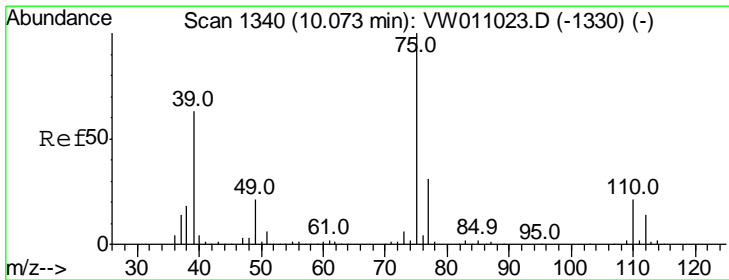
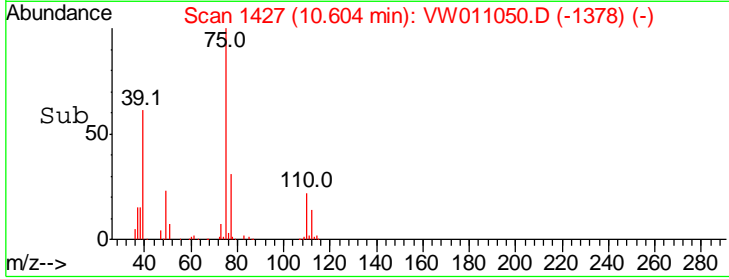
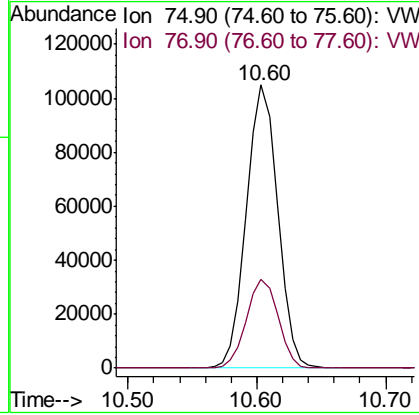
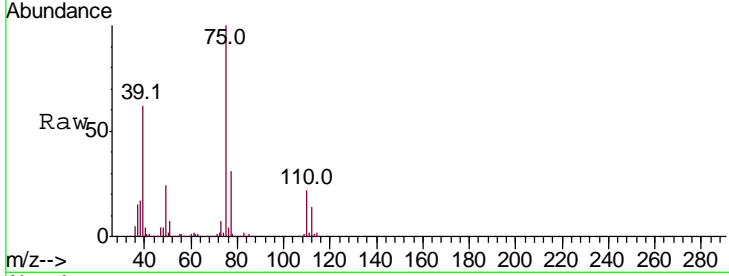
#53  
 t-1,3-Dichloropropene  
 Concen: 50.130 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
75	176377		
75	100		
77	31.3	24.6	37.0

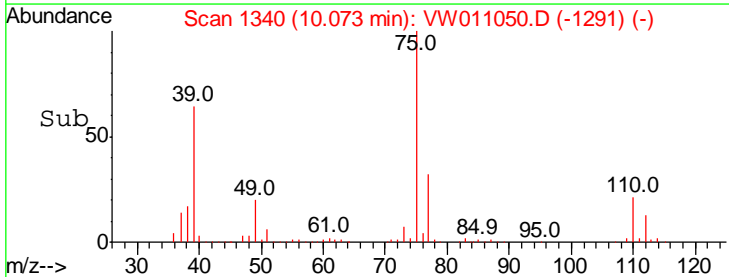
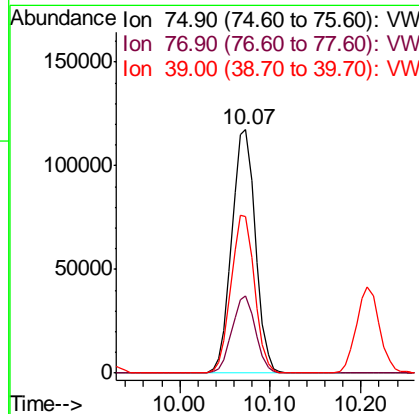
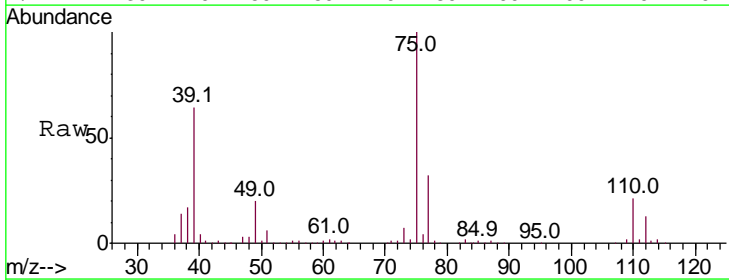
Manual Integrations  
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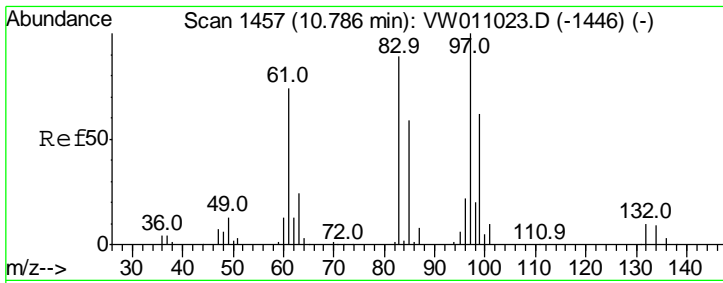
MMDadoda  
 7/2/2019 12:52:55 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.717 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
75	212864		
75	100		
77	31.7	24.8	37.2
39	64.2	50.0	75.0





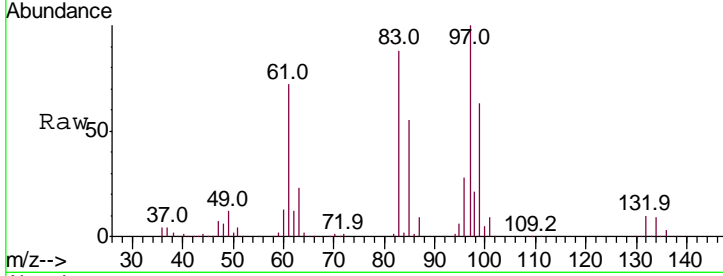
#55  
 1,1,2-Trichloroethane  
 Concen: 48.109 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

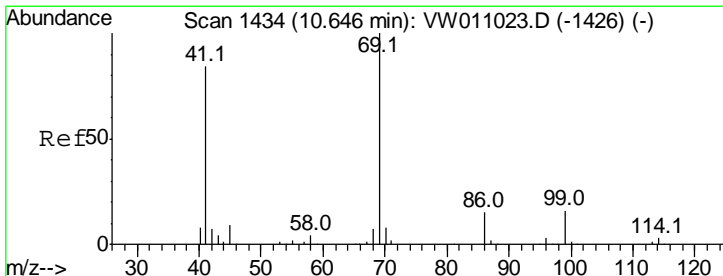
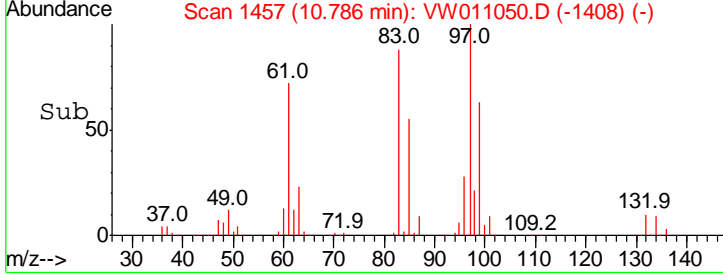
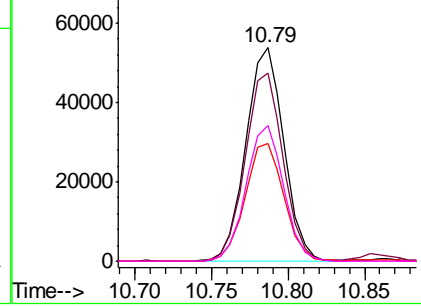
Tgt Ion	Resp	Lower	Upper
97	100		
83	87.8	70.9	106.3
85	55.4	47.2	70.8
99	63.4	50.0	75.0

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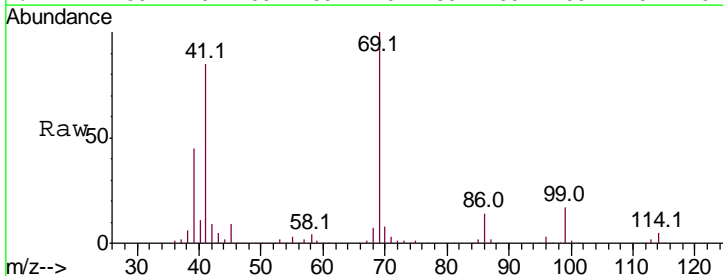


Abundance Ion 96.90 (96.60 to 97.60): VW  
 Ion 82.90 (82.60 to 83.60): VW  
 Ion 84.90 (84.60 to 85.60): VW  
 Ion 98.90 (98.60 to 99.60): VW

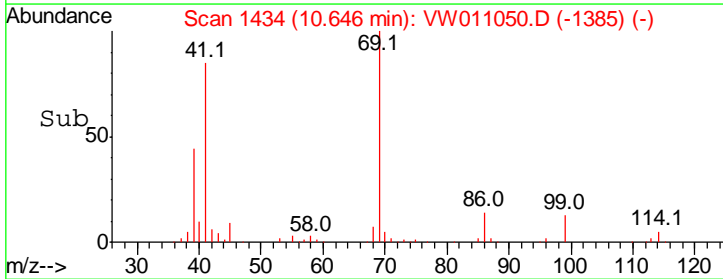
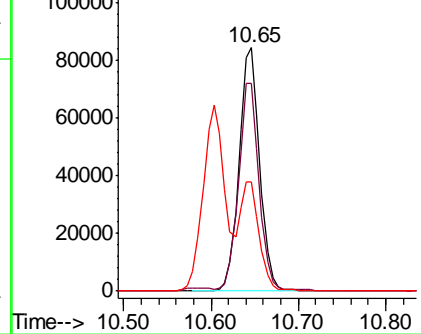


#56  
 Ethyl methacrylate  
 Concen: 48.201 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

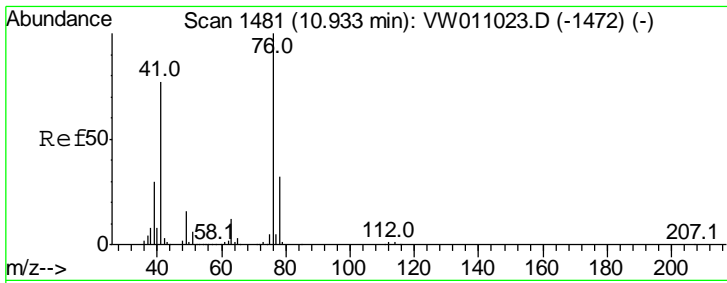
Tgt Ion	Resp	Lower	Upper
69	100		
41	84.6	67.9	101.9
39	40.2	33.2	49.8



Abundance Ion 69.00 (68.70 to 69.70): VW  
 Ion 41.00 (40.70 to 41.70): VW  
 Ion 39.00 (38.70 to 39.70): VW





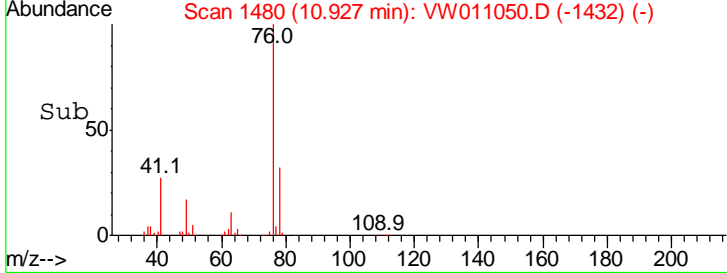
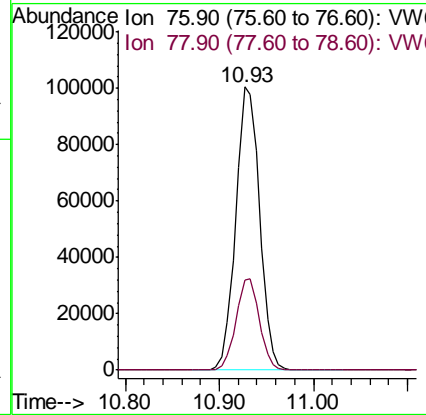
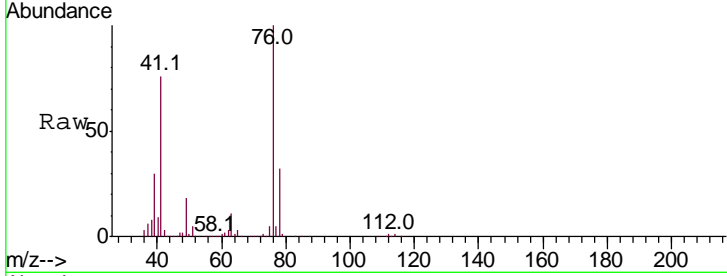


#57  
 1,3-Dichloropropane  
 Concen: 47.968 ug/l  
 RT: 10.93 min Scan# 1480  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

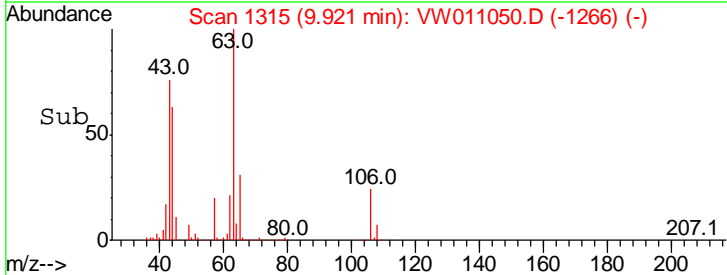
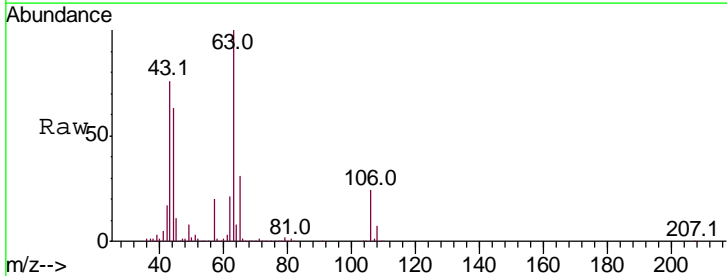
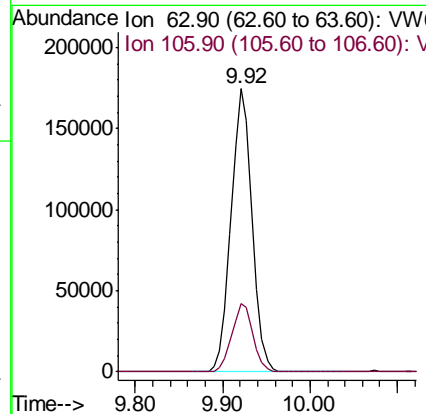
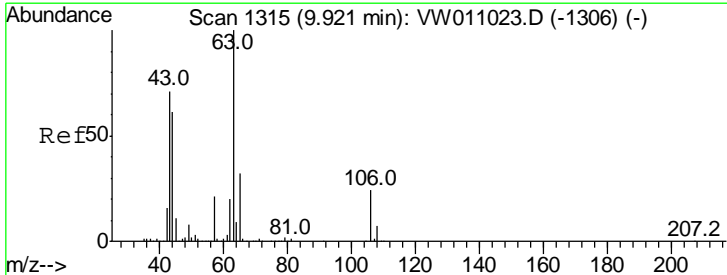
Tgt Ion	Resp	Lower	Upper
76	175879		
76	100		
78	31.8	25.8	38.6

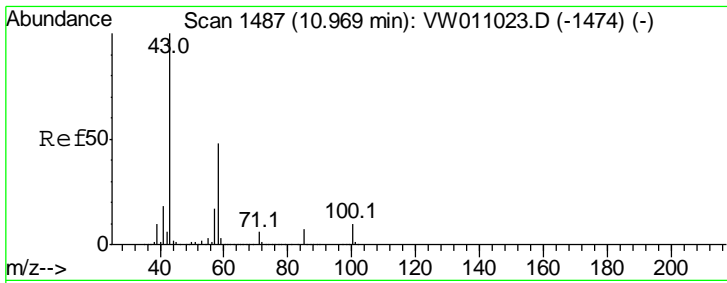
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/2/2019 12:52:55 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 199.036 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
63	290678		
63	100		
106	24.3	19.4	29.0





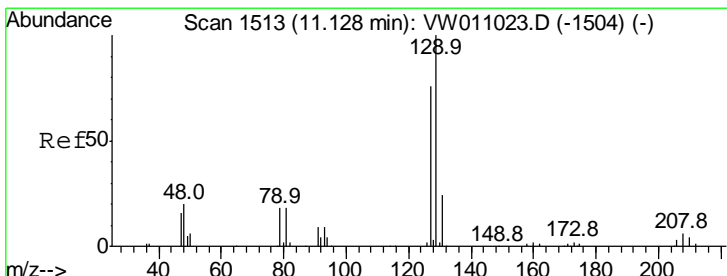
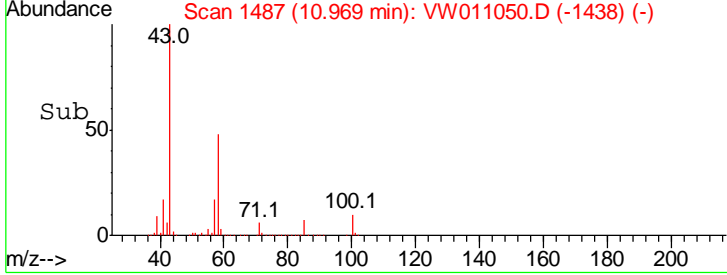
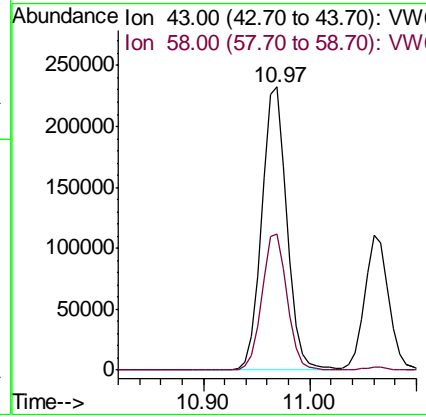
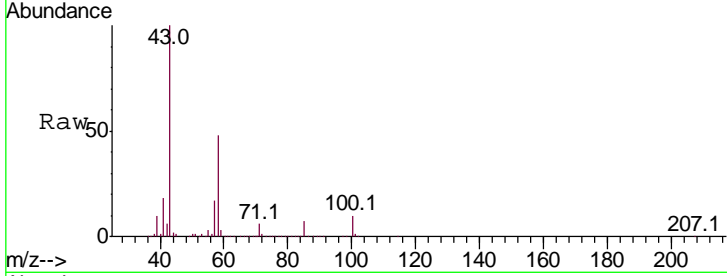
#59  
 2-Hexanone  
 Concen: 243.791 ug/l  
 RT: 10.97 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion: 43 Resp: 384666

Ion	Ratio	Lower	Upper
43	100		
58	48.0	23.8	71.5

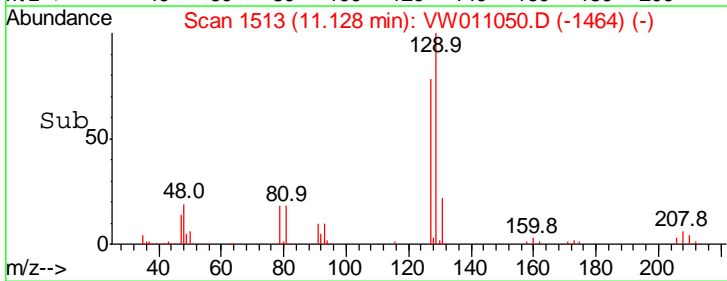
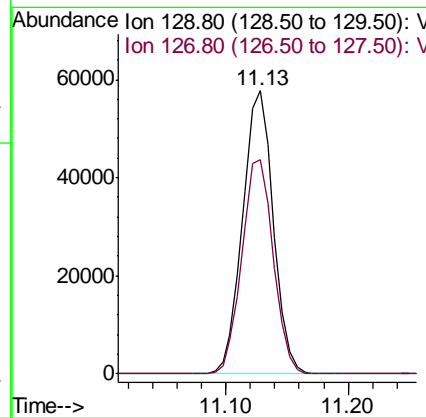
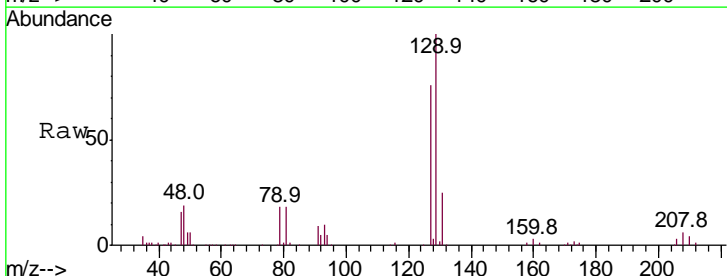
Manual Integrations APPROVED  
 MMDadoda  
 7/2/2019 12:52:55 AM

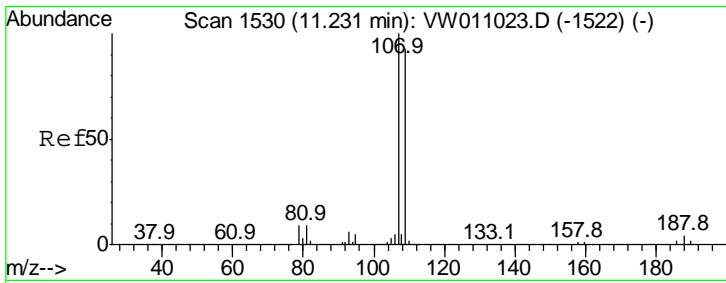


#60  
 Dibromochloromethane  
 Concen: 49.587 ug/l  
 RT: 11.13 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion: 129 Resp: 100231

Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.4	118.1



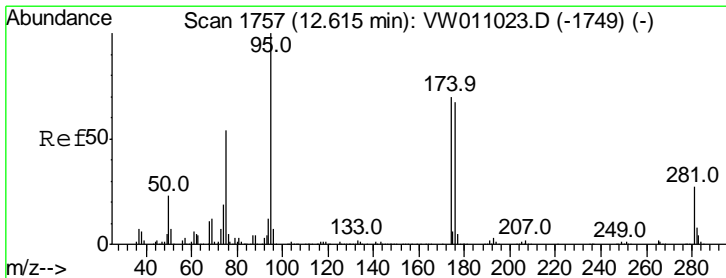
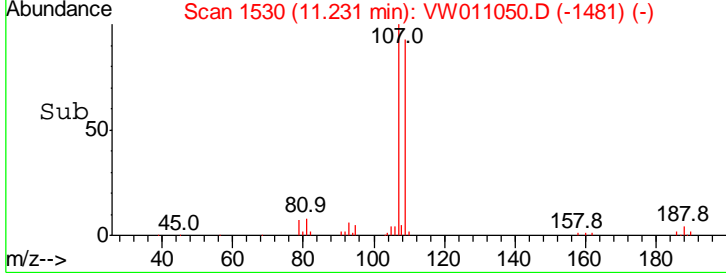
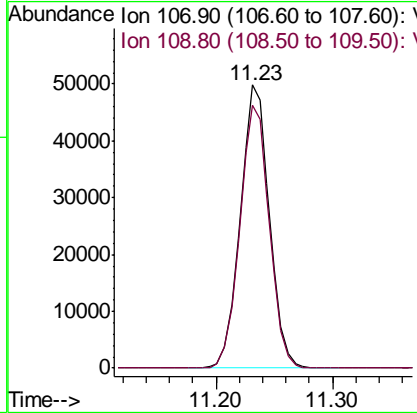
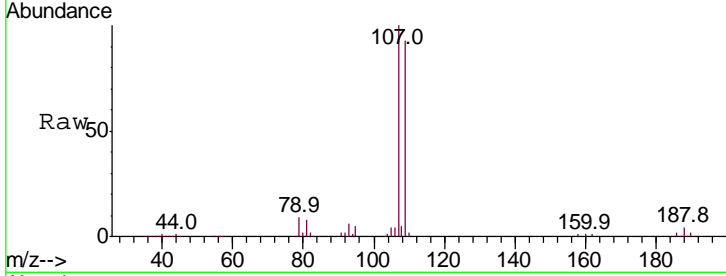


#61  
 1,2-Dibromoethane  
 Concen: 47.837 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDC050

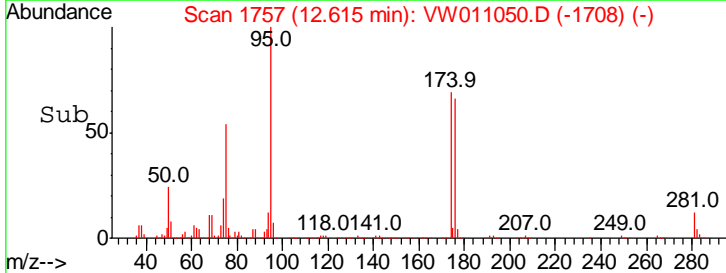
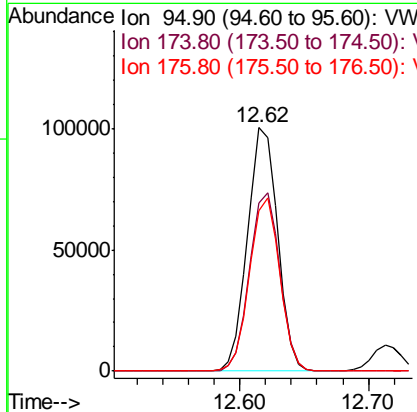
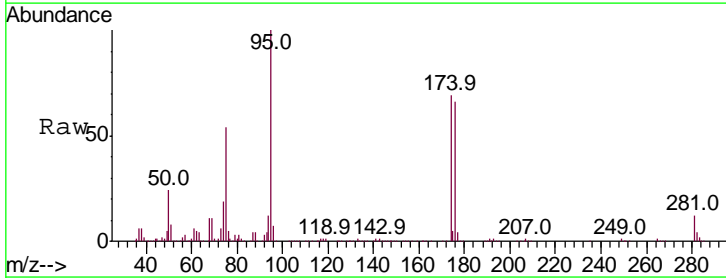
Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.1	112.7

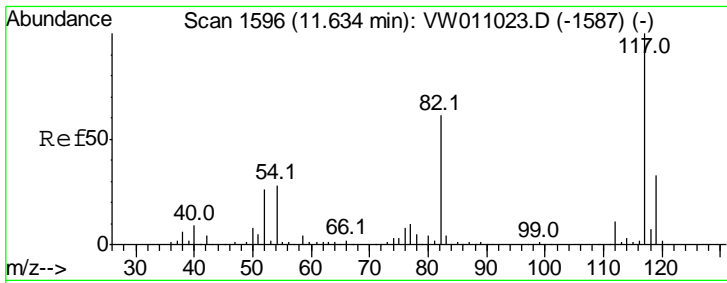
Manual Integrations APPROVED  
 MMDadoda  
 7/2/2019 12:52:55 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.544 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	149.2
176	71.2	0.0	143.6





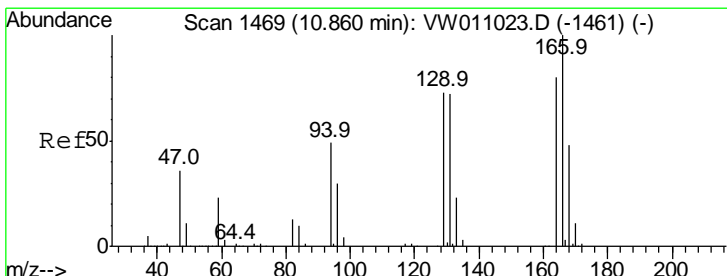
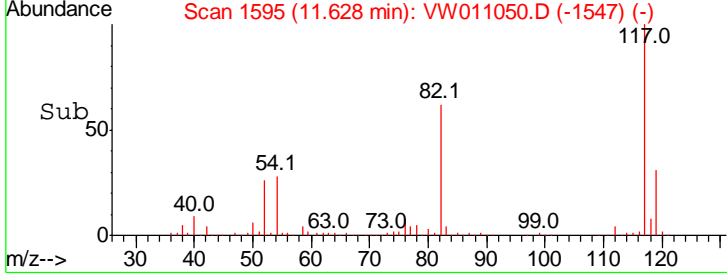
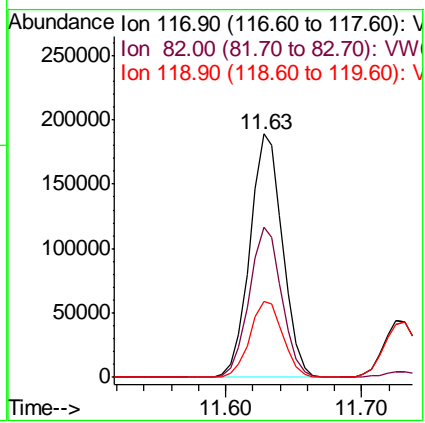
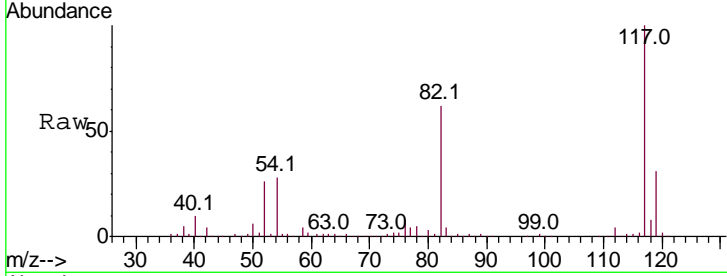
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1595  
 Delta R.T. -0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion:117 Resp: 317185

Ion	Ratio	Lower	Upper
117	100		
82	61.6	48.6	73.0
119	31.3	26.1	39.1

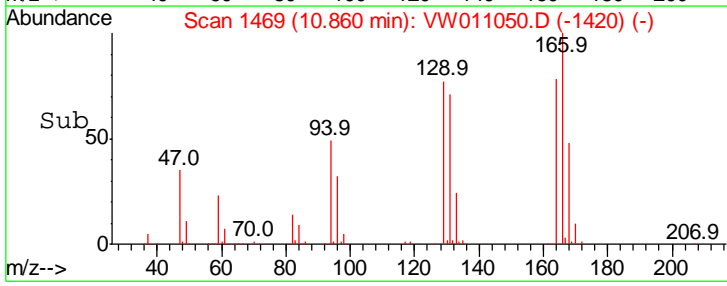
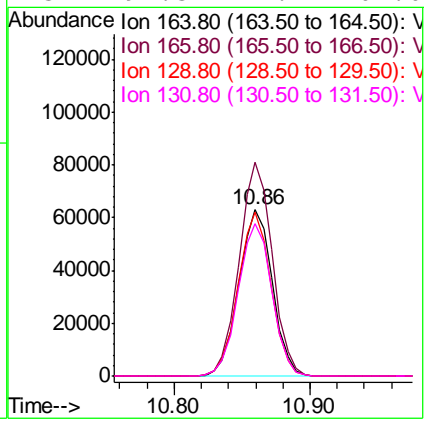
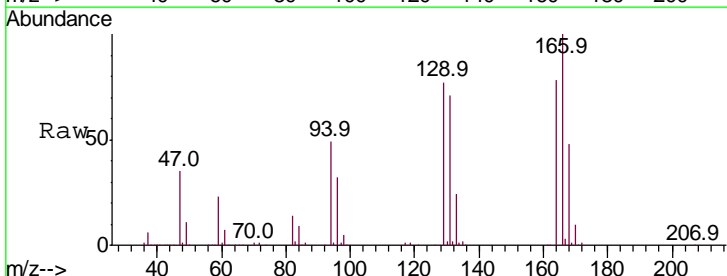
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/2/2019 12:52:55 AM

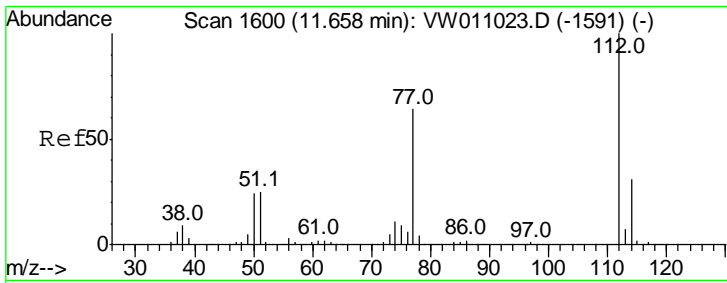


#64  
 Tetrachloroethene  
 Concen: 49.543 ug/l  
 RT: 10.86 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion:164 Resp: 108143

Ion	Ratio	Lower	Upper
164	100		
166	128.4	99.8	149.6
129	98.6	73.0	109.4
131	91.3	71.4	107.0



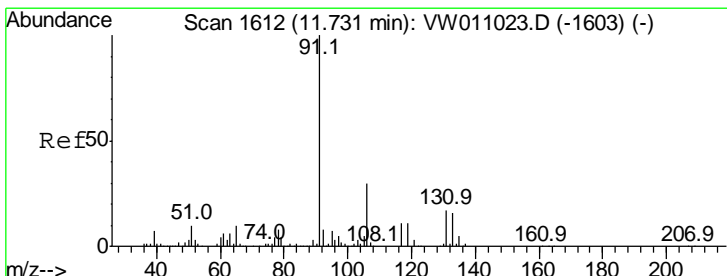
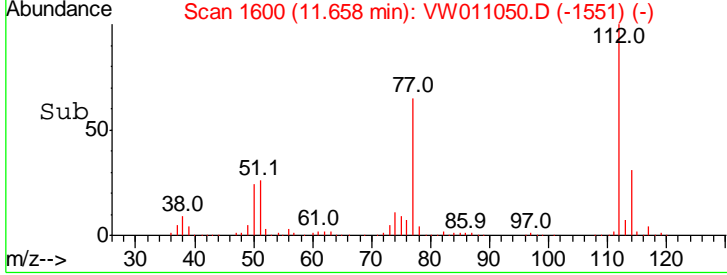
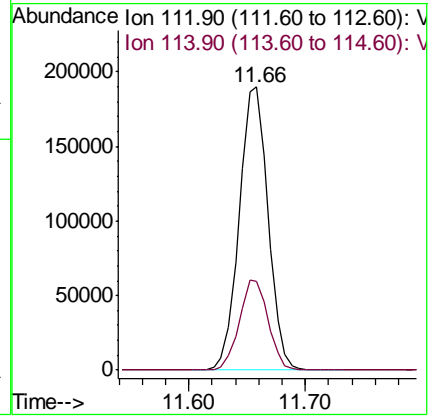
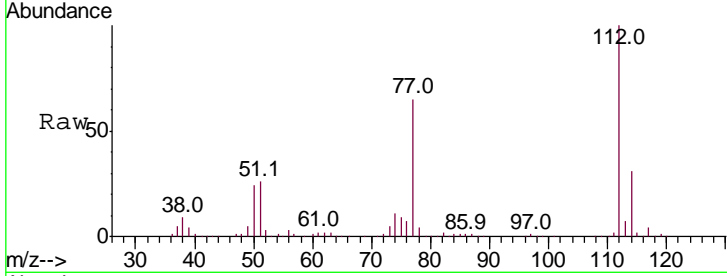


#65  
 Chlorobenzene  
 Concen: 50.468 ug/l  
 RT: 11.66 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

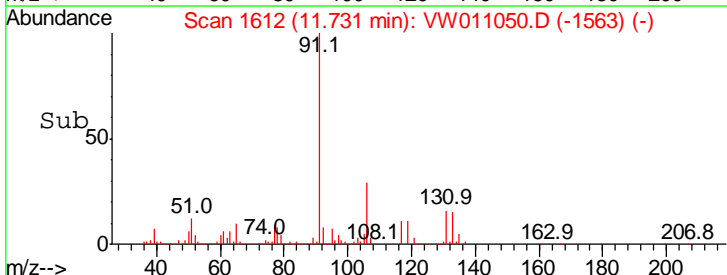
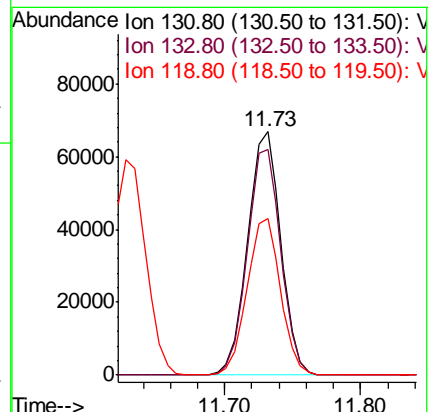
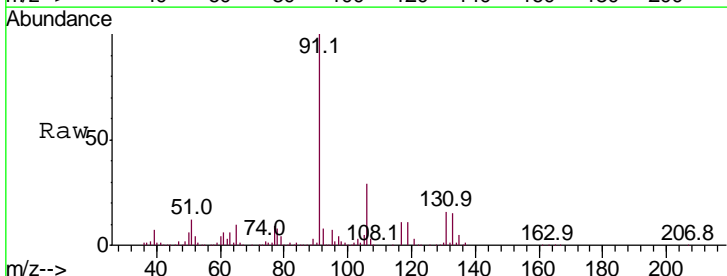
Tgt Ion	Resp	Lower	Upper
112	100		
114	31.3	25.2	37.8

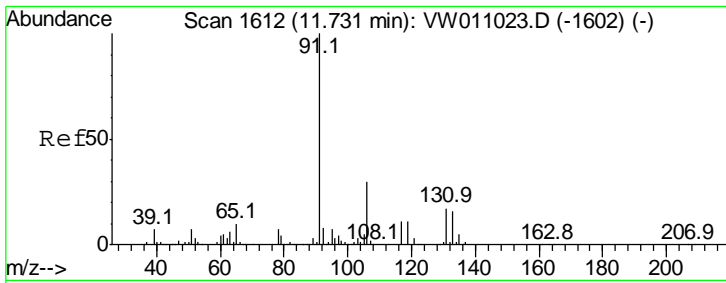
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/2/2019 12:52:55 AM



#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 51.737 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
131	100		
133	94.1	47.7	143.1
119	64.8	33.1	99.2



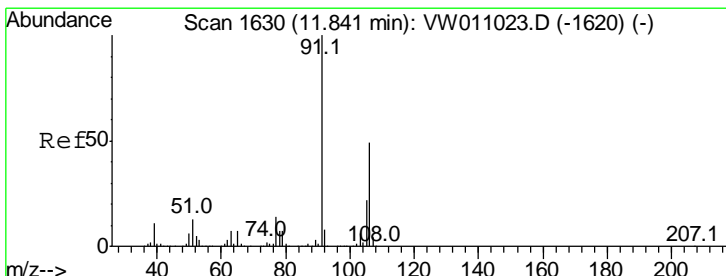
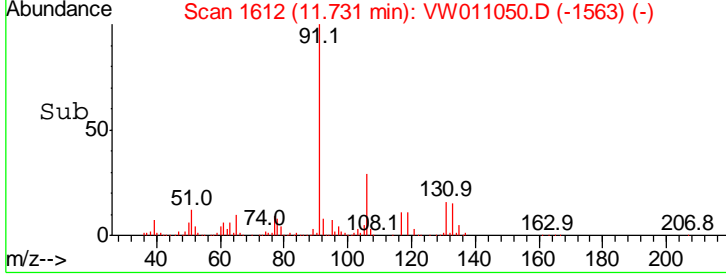
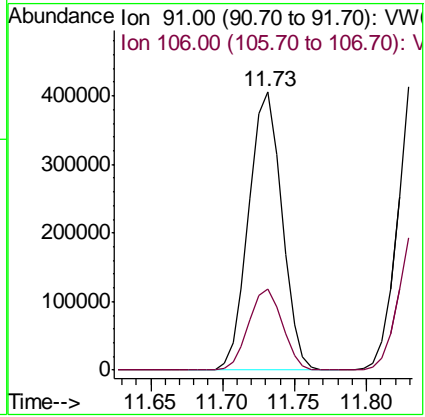
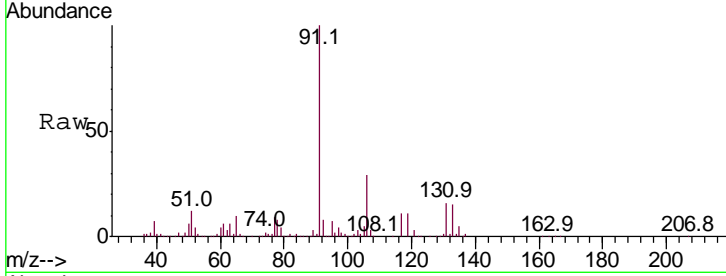


#67  
 Ethyl Benzene  
 Concen: 52.208 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

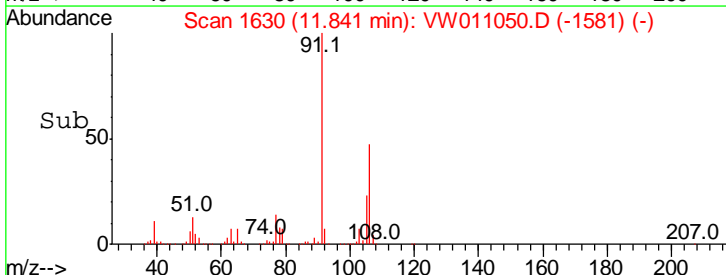
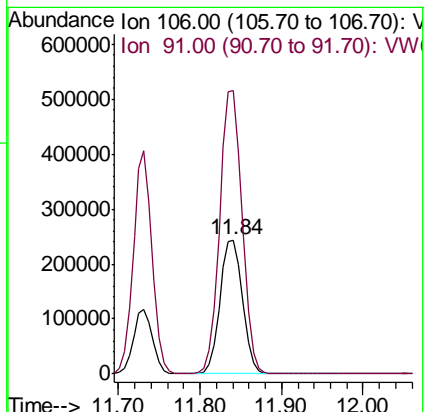
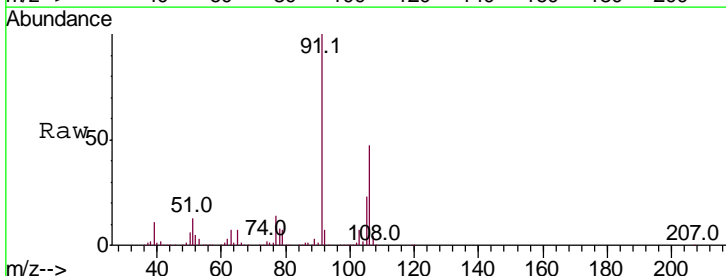
Tgt Ion	Resp	Lower	Upper
91	100		
106	29.1	23.8	35.6

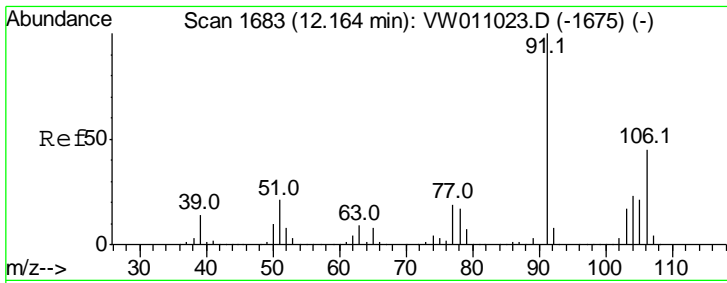
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/2/2019 12:52:55 AM



#68  
 m/p-Xylenes  
 Concen: 103.509 ug/l  
 RT: 11.84 min Scan# 1630  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
106	100		
91	210.2	167.5	251.3



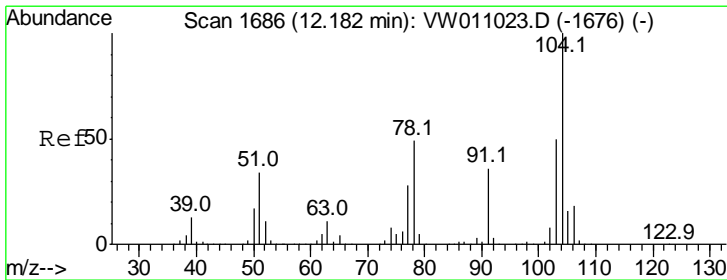
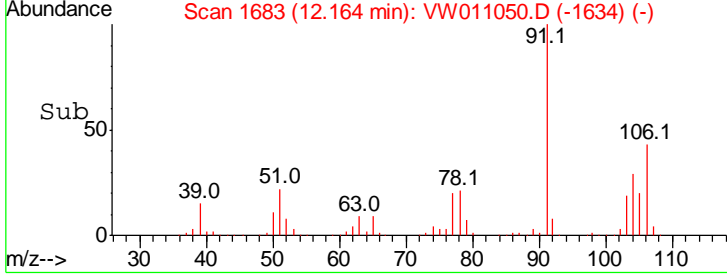
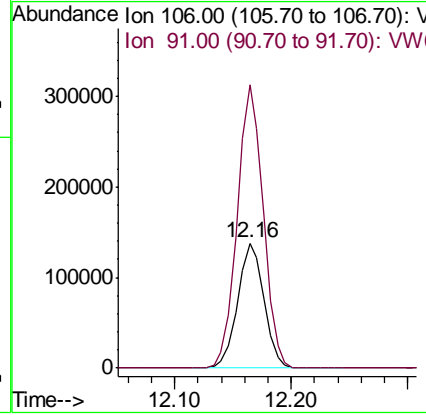
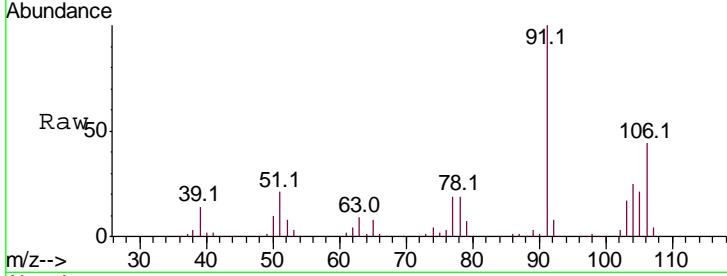


#69  
 o-Xylene  
 Concen: 51.334 ug/l  
 RT: 12.16 min Scan# 1683  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 Client Sampled : VSTDCCC050

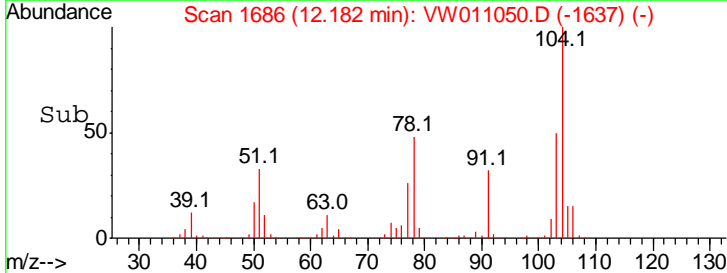
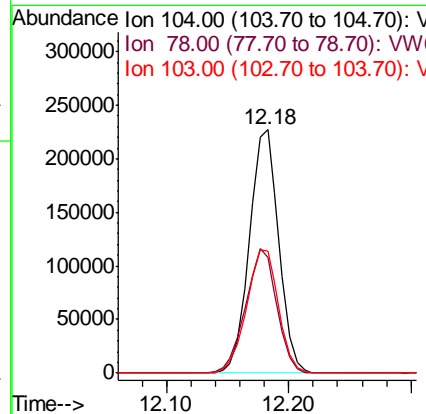
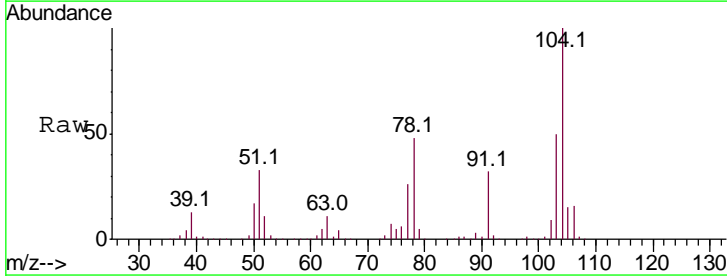
Tgt Ion: 106 Resp: 215756  
 Ion Ratio Lower Upper  
 106 100  
 91 225.3 110.8 332.3

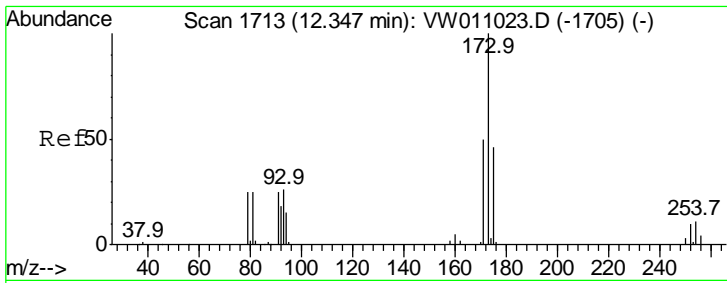
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/2/2019 12:52:55 AM



#70  
 Styrene  
 Concen: 51.828 ug/l  
 RT: 12.18 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion: 104 Resp: 378530  
 Ion Ratio Lower Upper  
 104 100  
 78 54.5 43.7 65.5  
 103 55.1 43.9 65.9





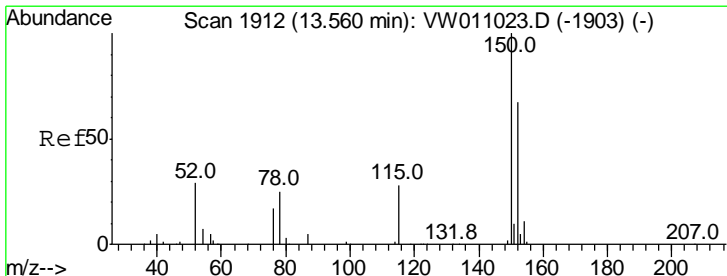
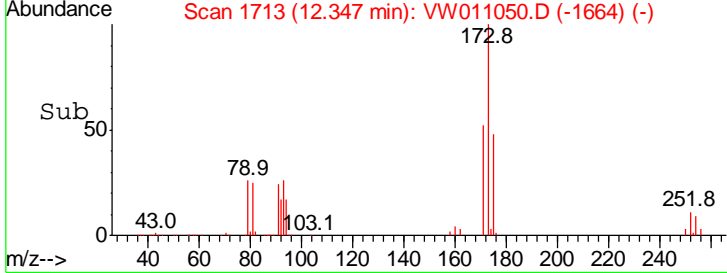
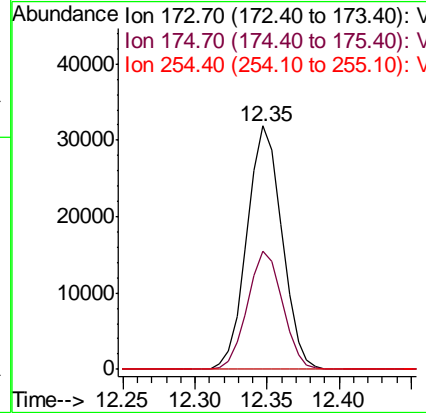
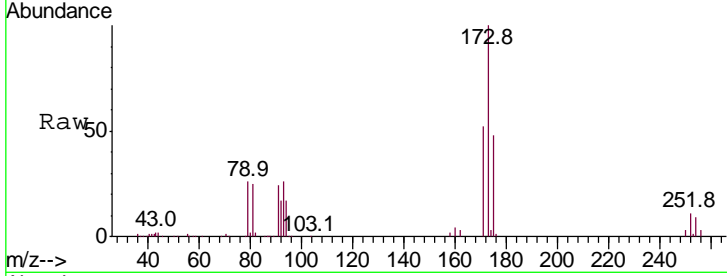
#71  
 Bromoform  
 Concen: 49.785 ug/l  
 RT: 12.35 min Scan# 1713  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.2
254	0.0	0.0	0.0

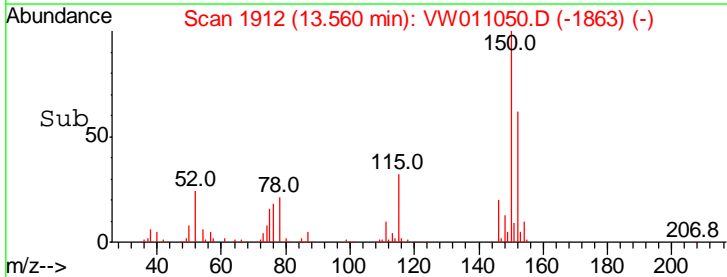
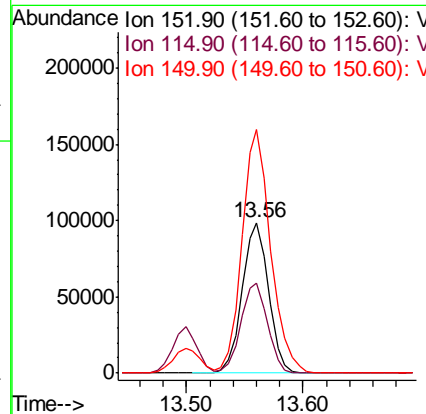
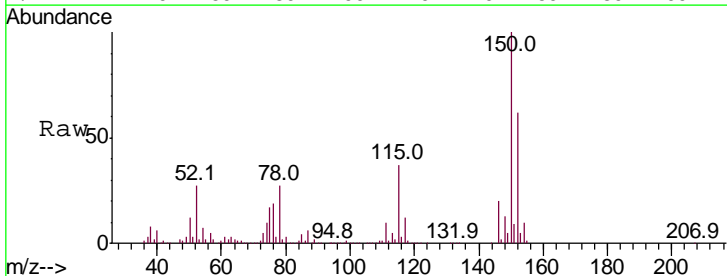
**Manual Integrations**  
**APPROVED**

MMDadoda  
 7/2/2019 12:52:55 AM

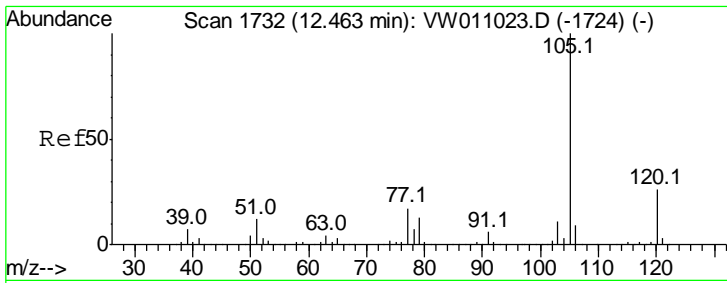


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.56 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.7	92.1
150	175.4	0.0	341.8





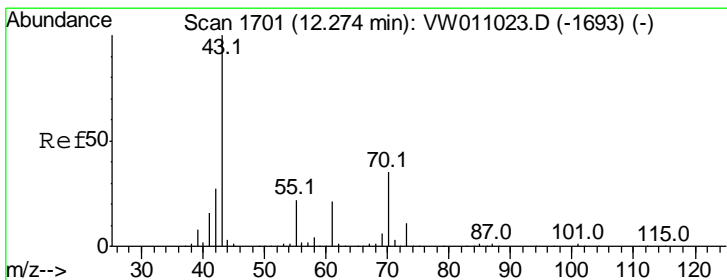
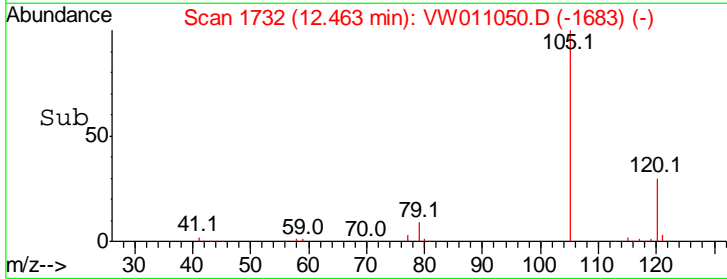
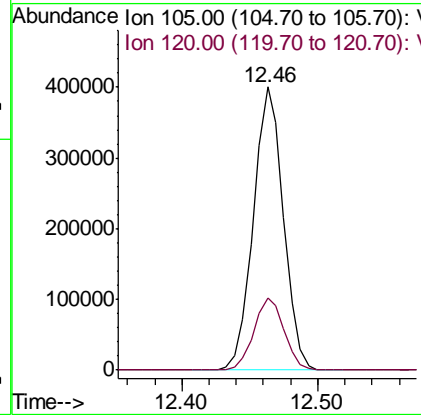
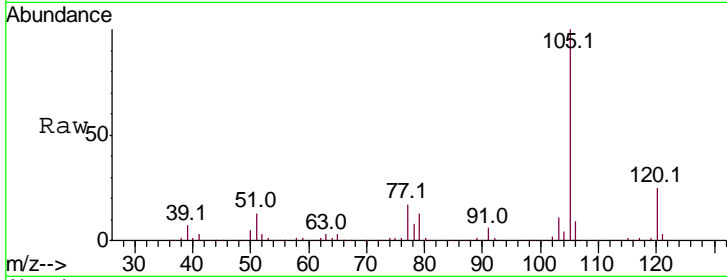


#73  
 Isopropylbenzene  
 Concen: 53.335 ug/l  
 RT: 12.46 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

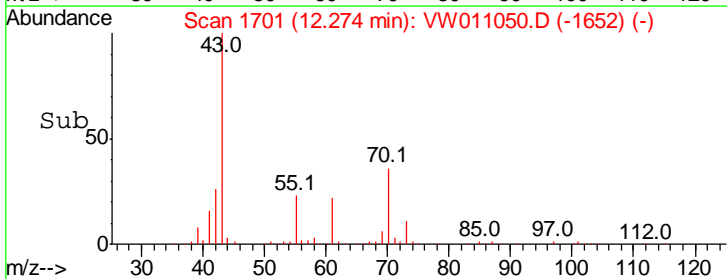
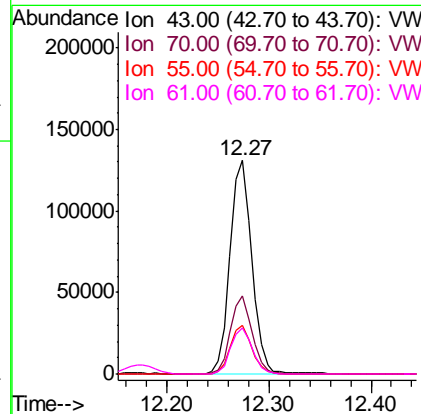
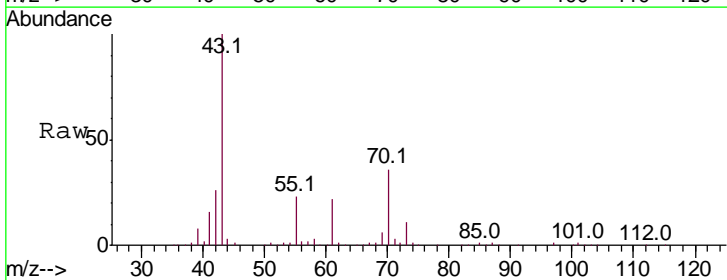
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.9	38.6

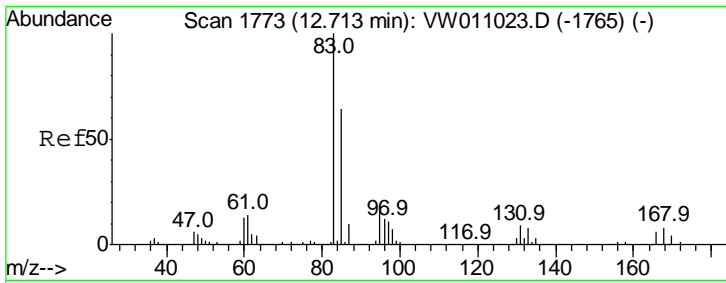
Manual Integrations APPROVED  
 MMDadoda  
 7/2/2019 12:52:55 AM



#74  
 N-nyl acetate  
 Concen: 49.697 ug/l  
 RT: 12.27 min Scan# 1701  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.3	28.2	42.4
55	22.6	17.8	26.8
61	21.5	16.6	24.8





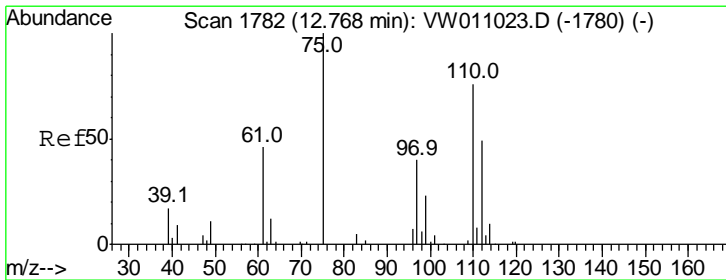
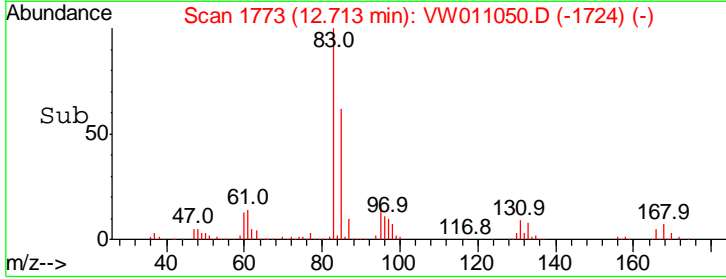
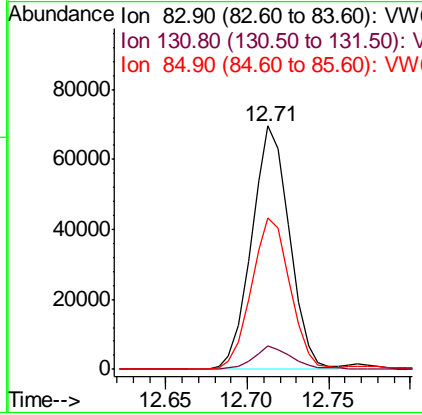
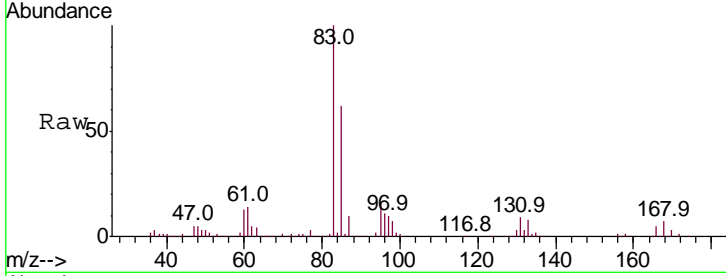
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.066 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	63.6	31.8	95.4

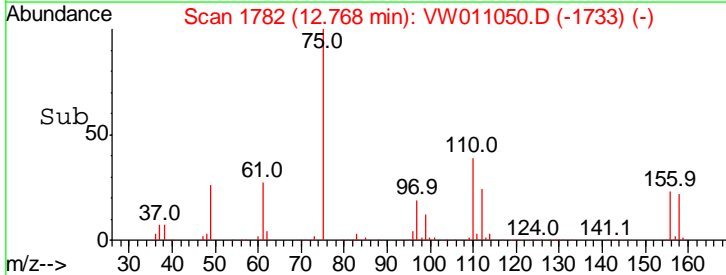
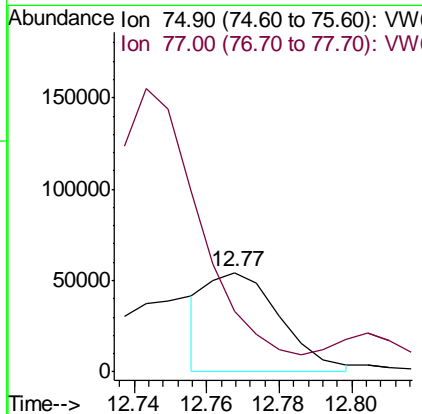
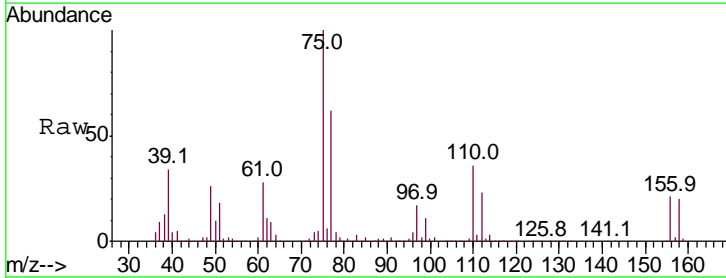
Manual Integrations  
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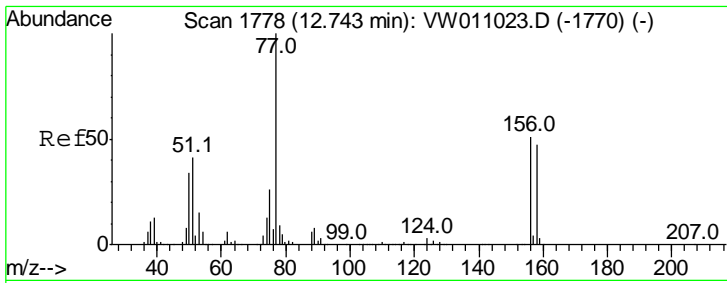
MMDadoda  
 7/2/2019 12:52:55 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 46.749 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.0	0.0	0.0



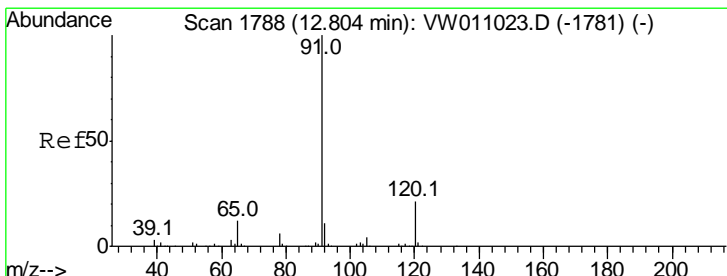
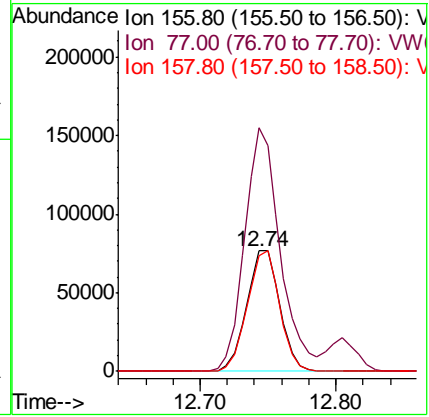
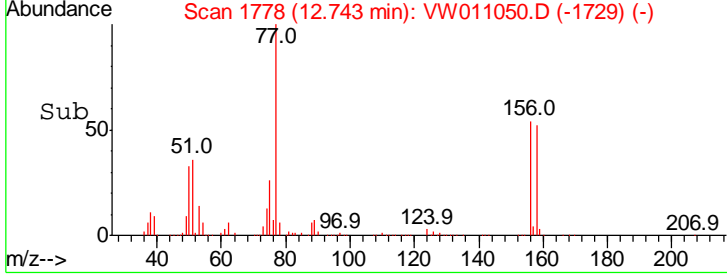
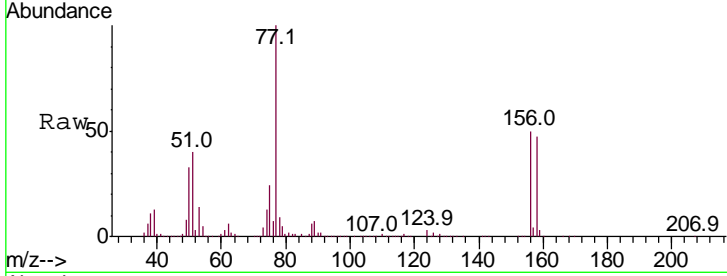


#77  
 Bromobenzene  
 Concen: 51.028 ug/l  
 RT: 12.74 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VSTDCCC050

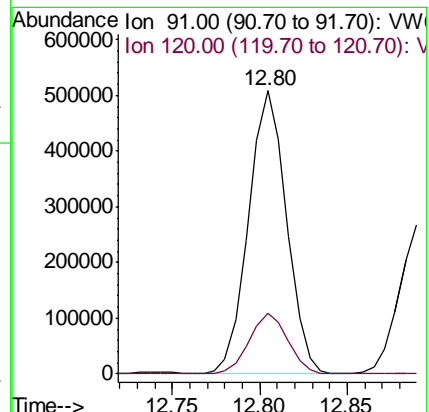
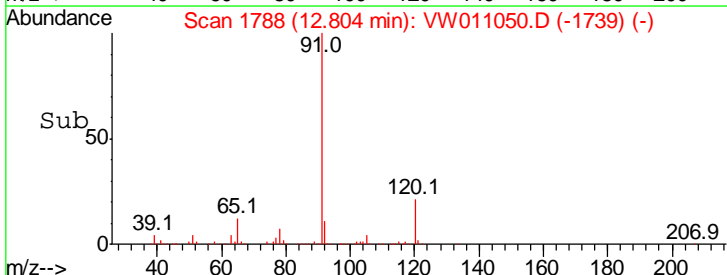
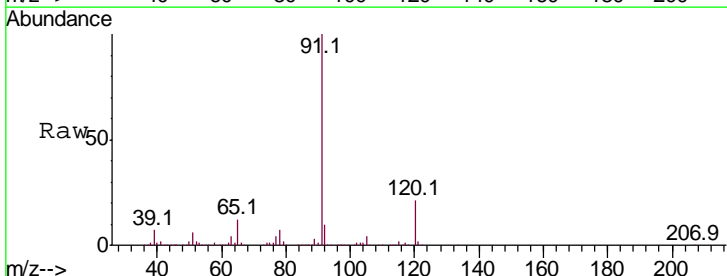
Tgt Ion	Resp	Lower	Upper
156	130192		
77	216.7	109.5	328.5
158	97.3	48.6	145.9

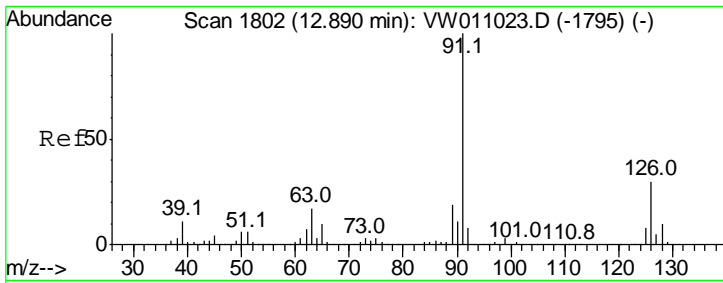
**Manual Integrations**  
**APPROVED**  
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#78  
 n-propylbenzene  
 Concen: 53.381 ug/l  
 RT: 12.80 min Scan# 1788  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
91	767315		
120	21.5	10.5	31.6



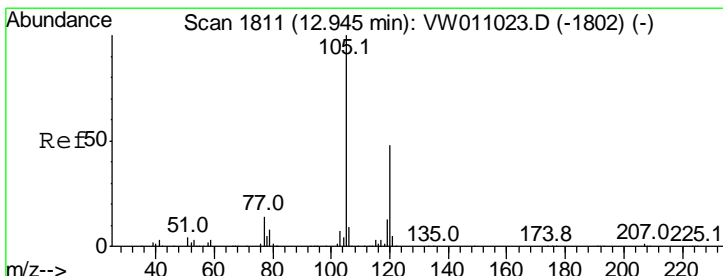
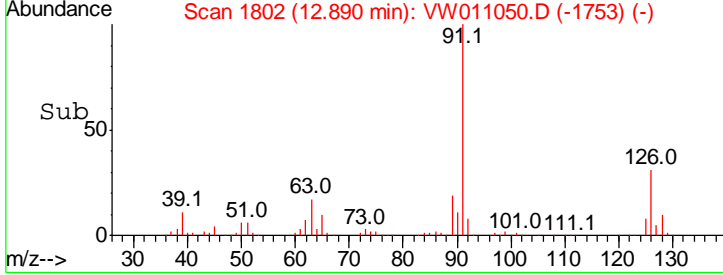
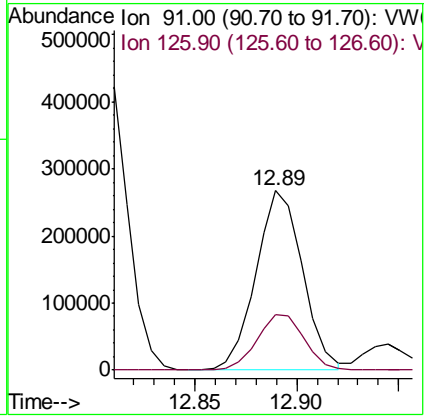
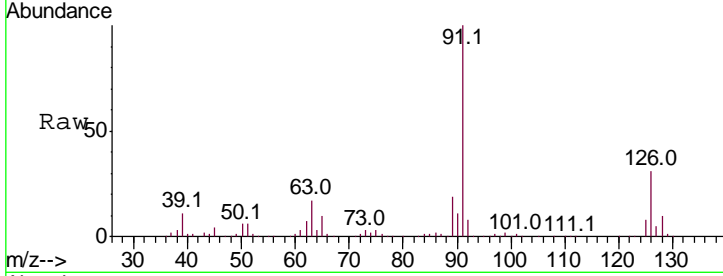


#79  
 2-Chlorotoluene  
 Concen: 51.672 ug/l  
 RT: 12.89 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 Client Sampled : VSTDCCC050

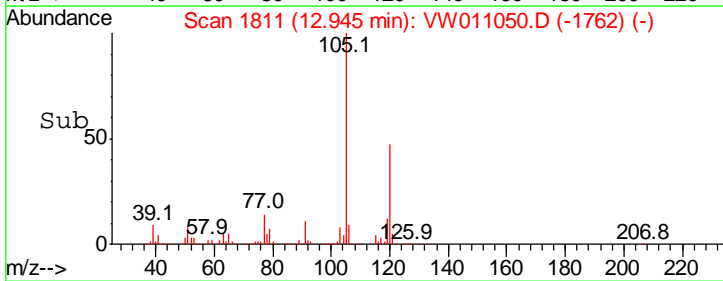
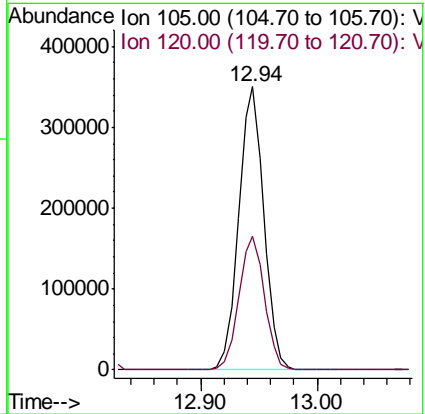
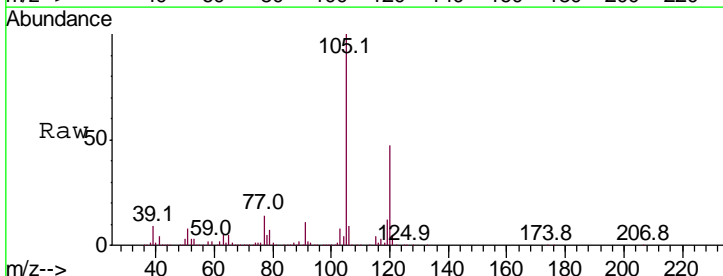
Tgt Ion	Resp	Lower	Upper
91	100		
126	31.6	15.4	46.4

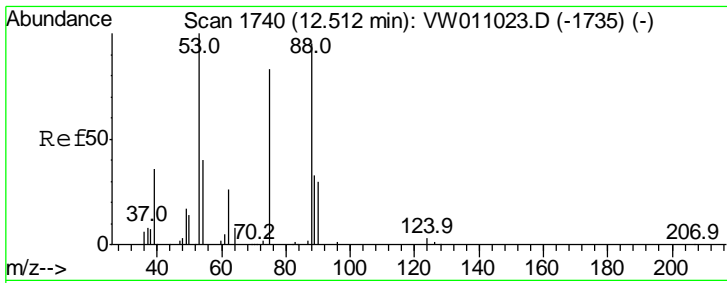
Manual Integrations  
**APPROVED**  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 53.375 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
105	100		
120	48.1	23.8	71.5





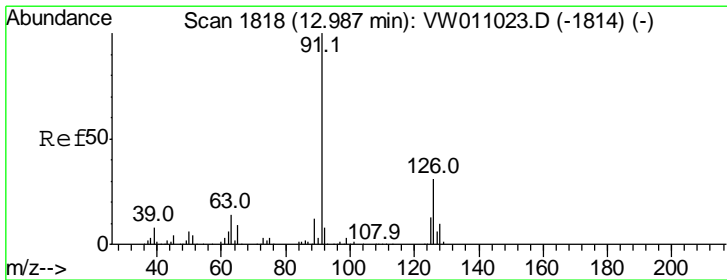
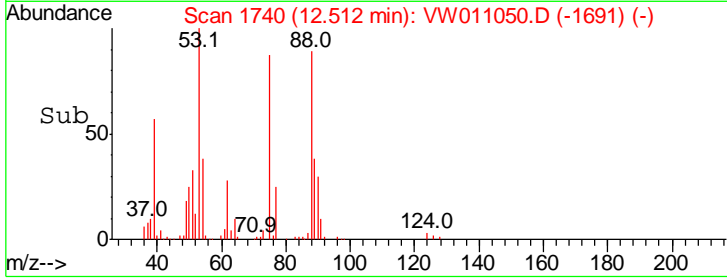
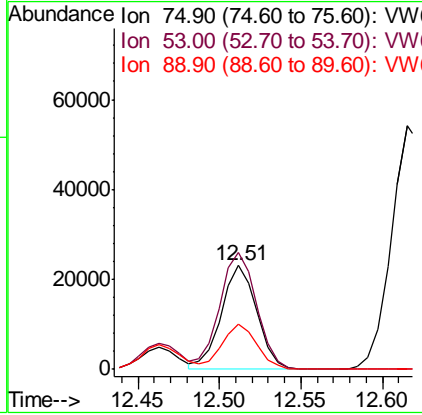
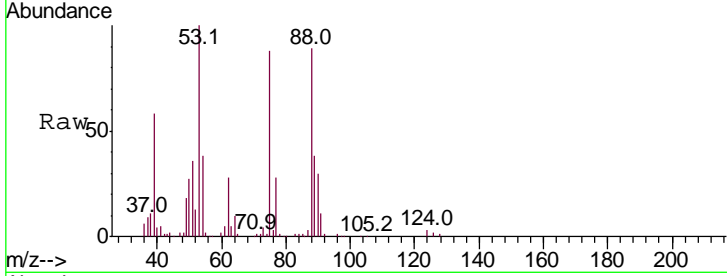
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 45.497 ug/l  
 RT: 12.51 min Scan# 1740  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
75	100		
53	118.5	95.6	143.4
89	42.6	34.4	51.6

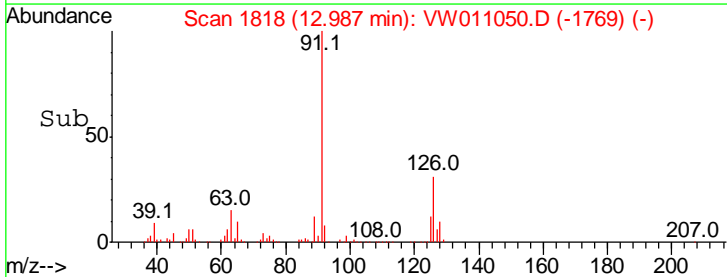
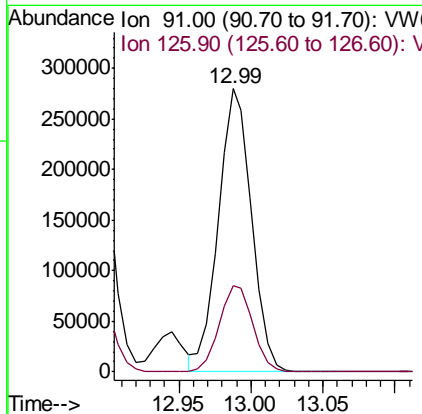
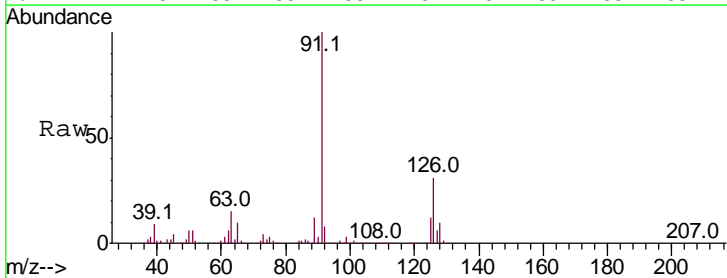
Manual Integrations  
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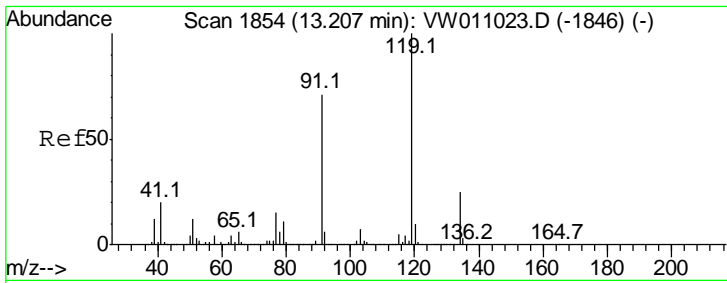
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 7/2/2019 12:52:55 AM



#82  
 4-Chlorotoluene  
 Concen: 52.426 ug/l  
 RT: 12.99 min Scan# 1818  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
91	100		
126	31.2	15.7	47.1



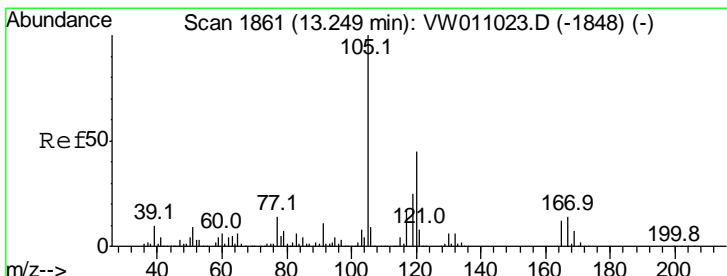
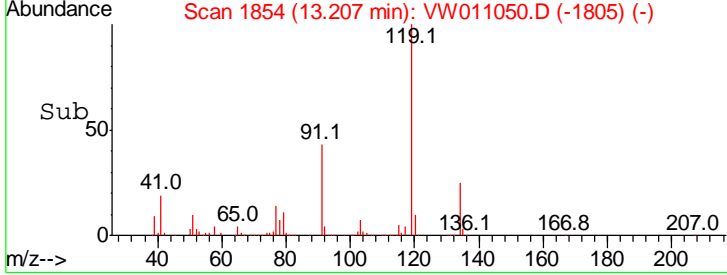
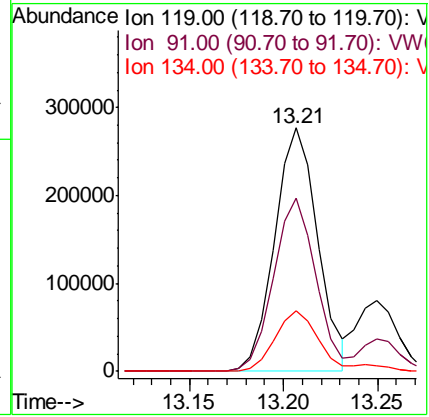
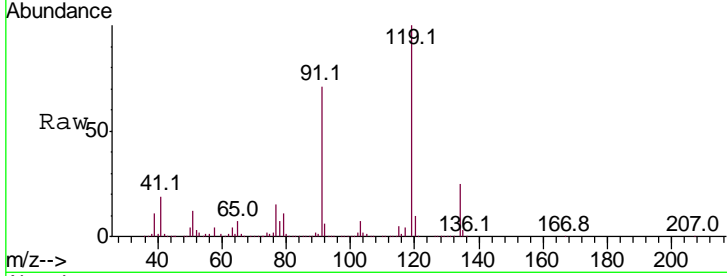


#83  
 tert-Butylbenzene  
 Concen: 53.476 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

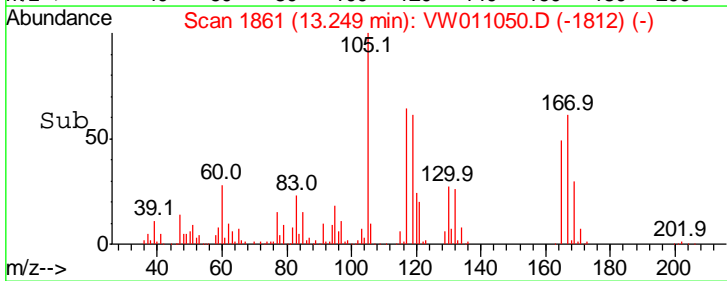
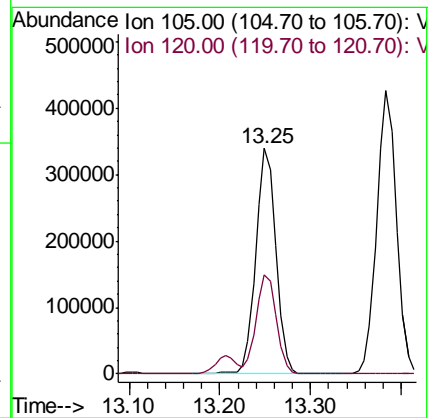
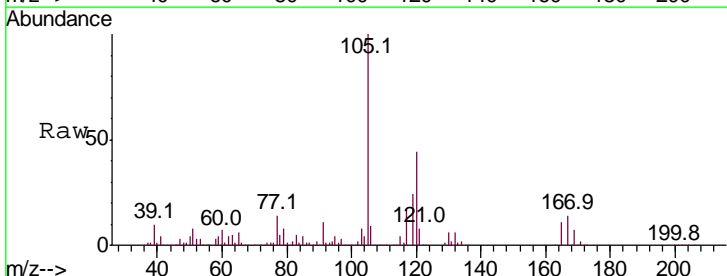
Tgt Ion	Resp	Lower	Upper
119	100		
91	69.4	35.5	106.5
134	24.8	12.4	37.2

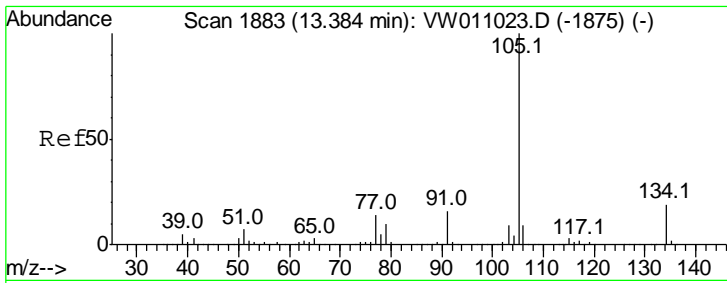
Manual Integrations  
**APPROVED**  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.488 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
105	100		
120	44.1	22.4	67.2





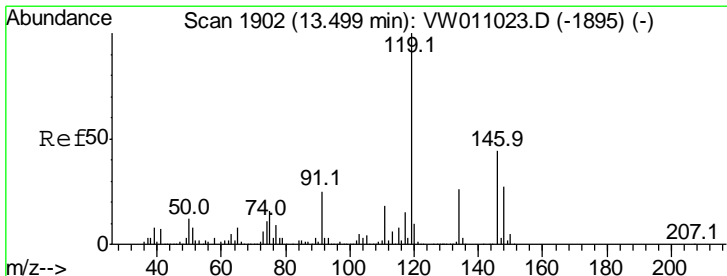
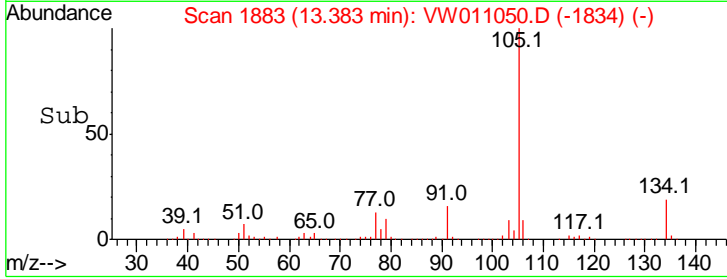
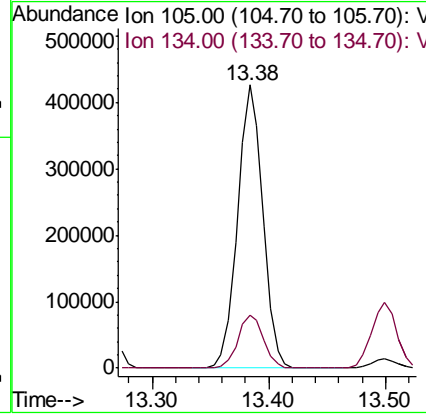
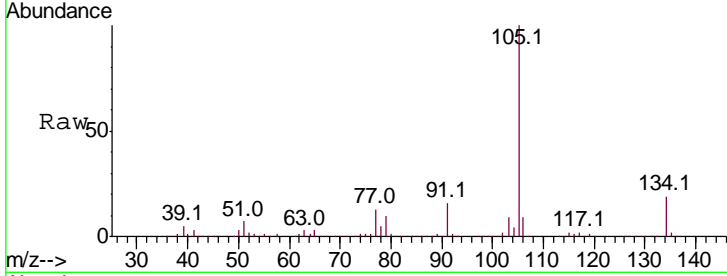
#85  
 sec-Butylbenzene  
 Concen: 53.824 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
105	100		
134	19.1	9.6	28.8

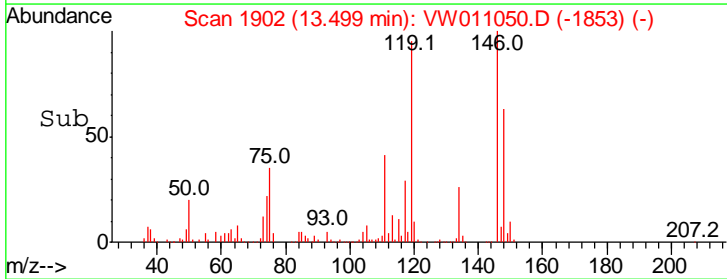
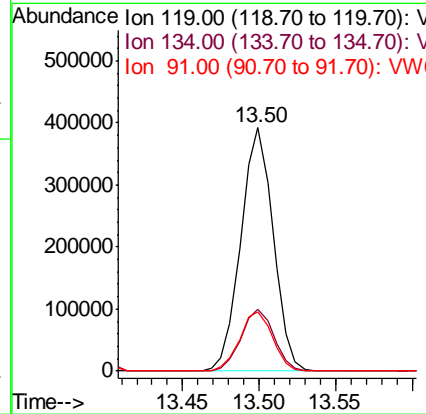
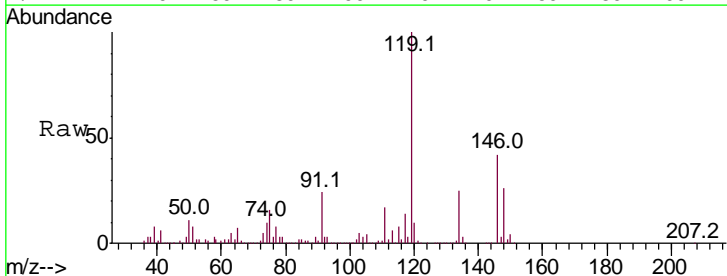
Manual Integrations  
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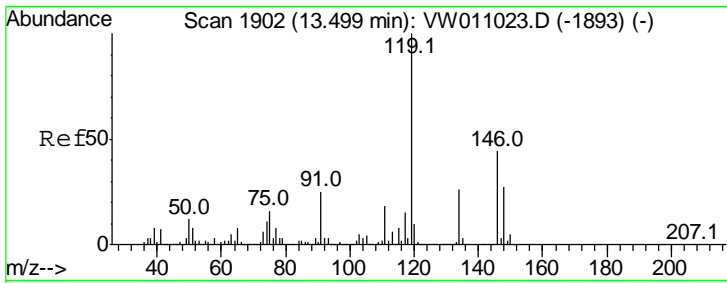
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 7/2/2019 12:52:55 AM



#86  
 p-Isopropyltoluene  
 Concen: 53.536 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	24.7	12.3	36.9





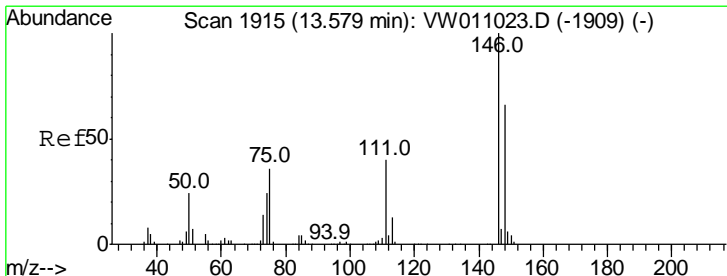
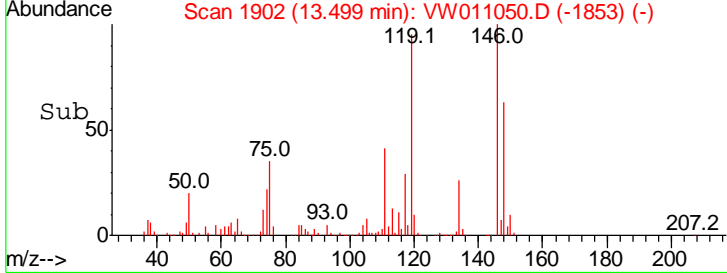
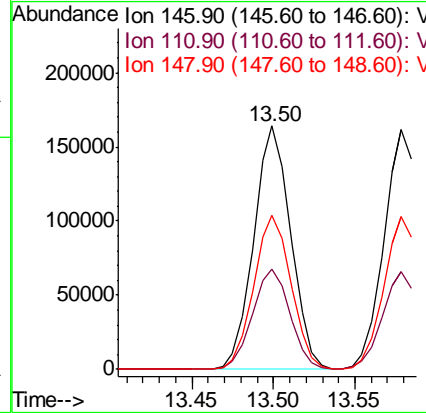
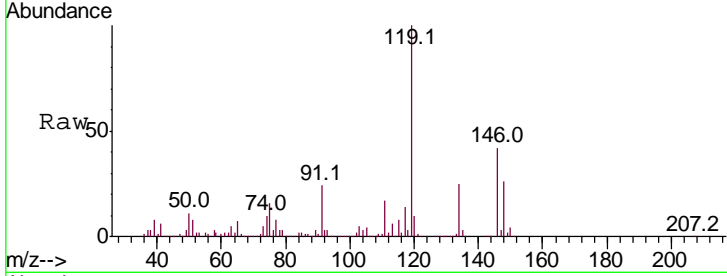
#87  
 1,3-Dichlorobenzene  
 Concen: 51.272 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.8
148	64.1	31.8	95.4

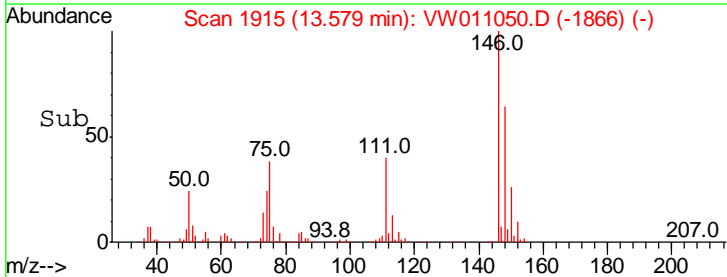
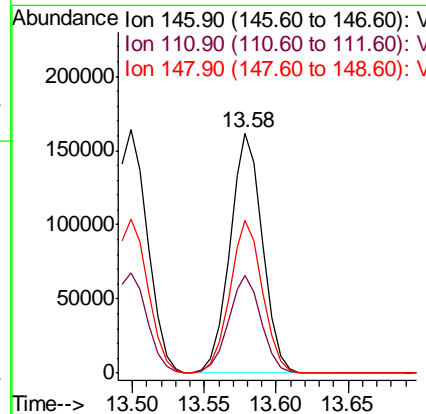
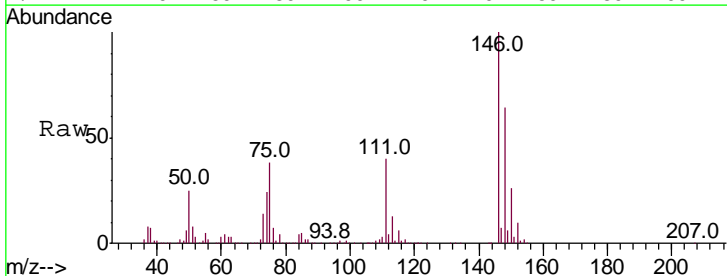
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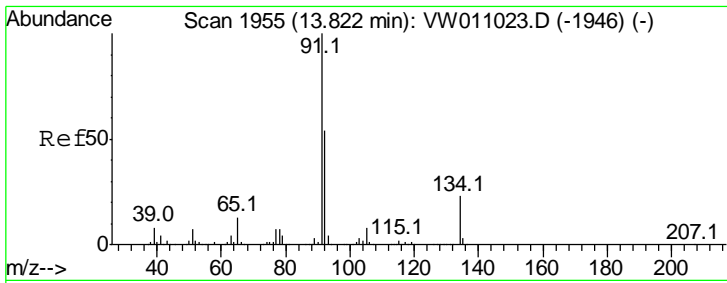


#88  
 1,4-Dichlorobenzene  
 Concen: 50.521 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	63.9	32.4	97.2







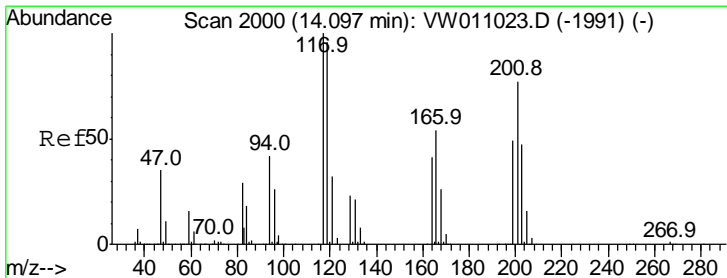
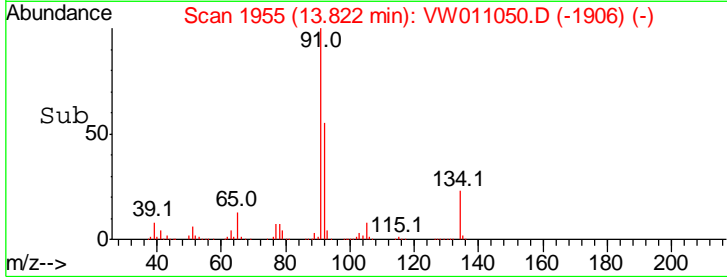
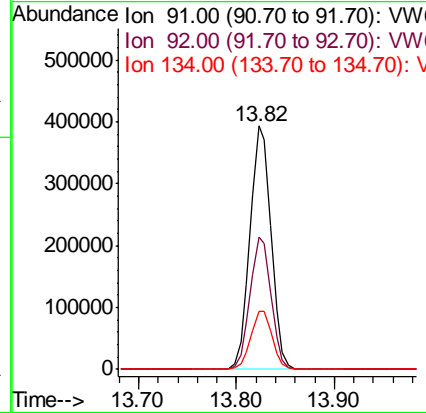
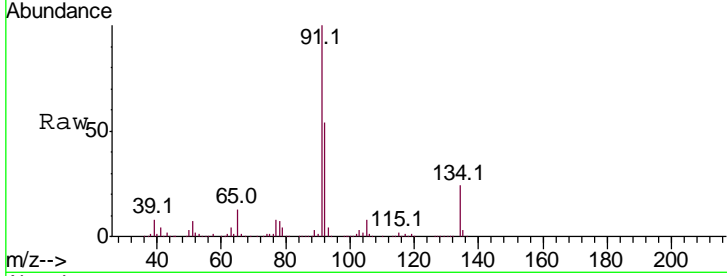
#89  
 n-Butylbenzene  
 Concen: 53.968 ug/l  
 RT: 13.82 min Scan# 1955  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDC050

Tgt Ion	Resp	Lower	Upper
91	100		
92	54.4	27.1	81.2
134	24.2	12.0	36.1

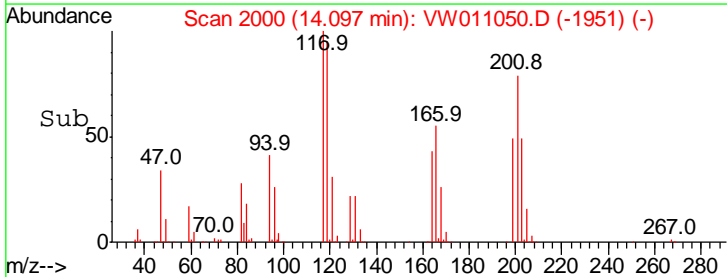
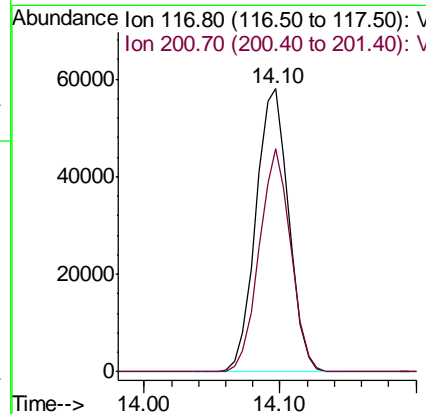
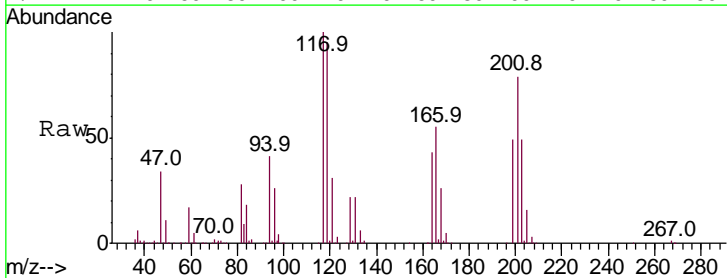
Manual Integrations  
 APPROVED

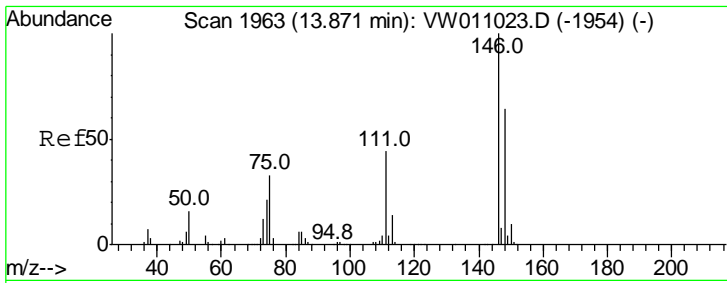
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#90  
 Hexachloroethane  
 Concen: 53.616 ug/l  
 RT: 14.10 min Scan# 2000  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
117	100		
201	75.9	38.0	114.0





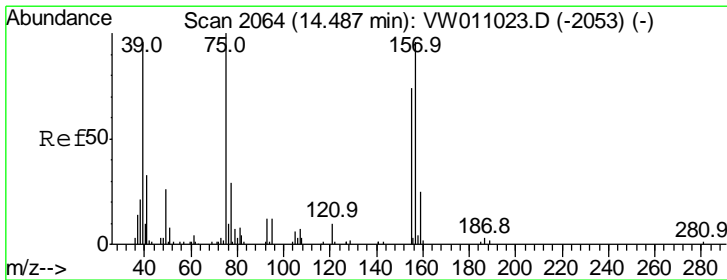
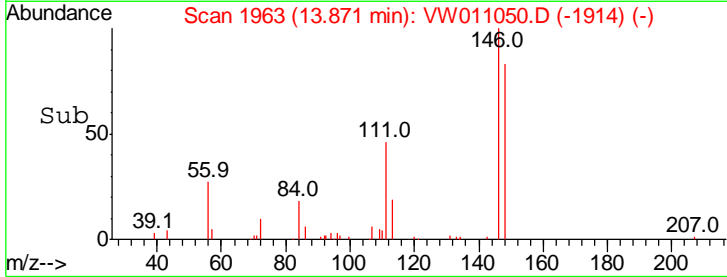
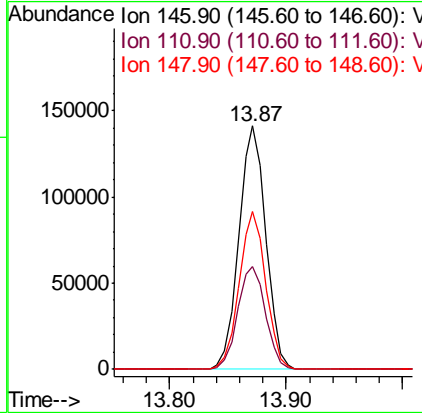
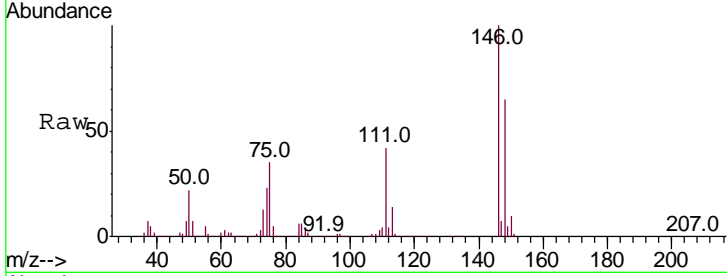
#91  
 1,2-Dichlorobenzene  
 Concen: 50.167 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.4	64.3
148	64.0	31.8	95.3

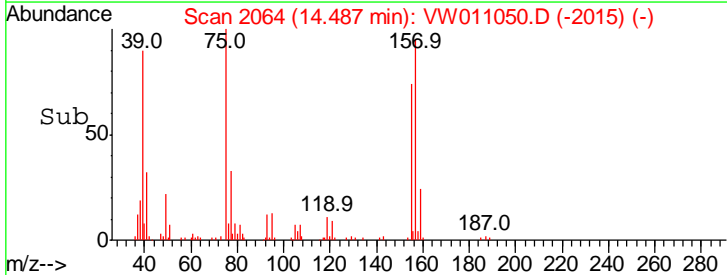
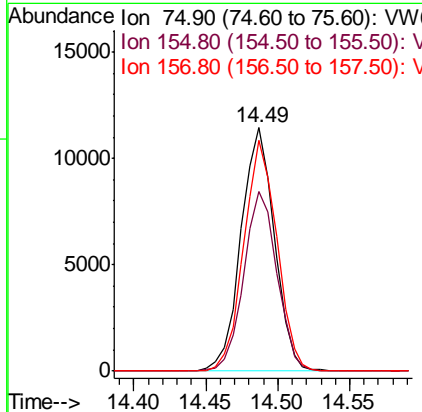
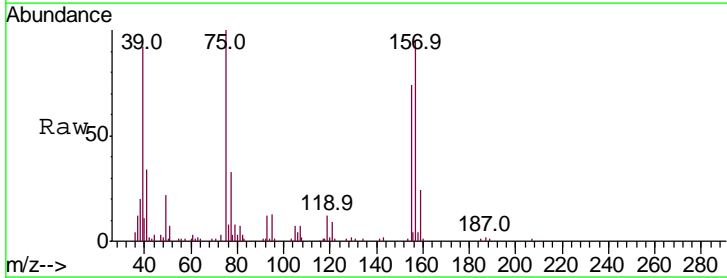
Manual Integrations  
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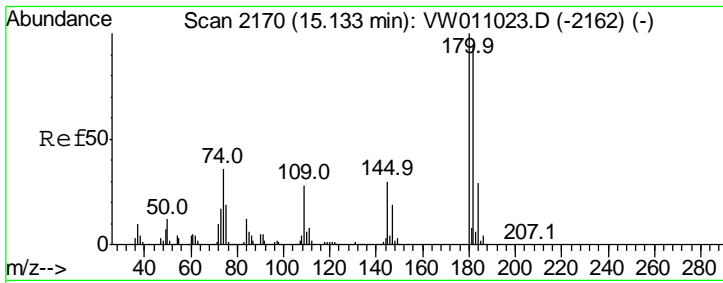
MMDadoda  
 7/2/2019 12:52:55 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.428 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

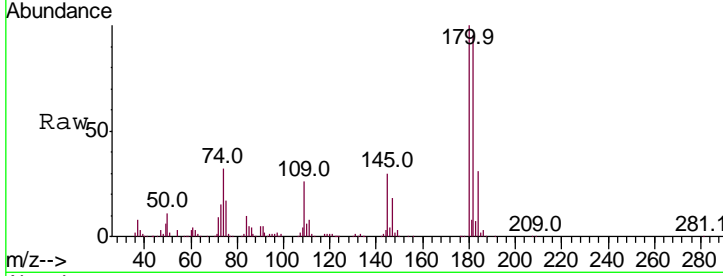
Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	37.0	110.9
157	93.7	45.9	137.7





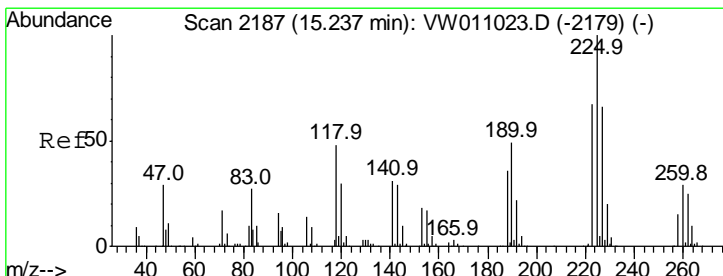
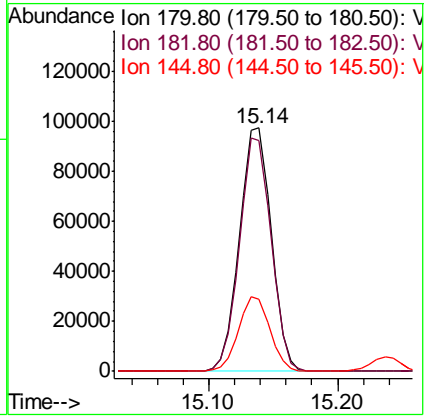
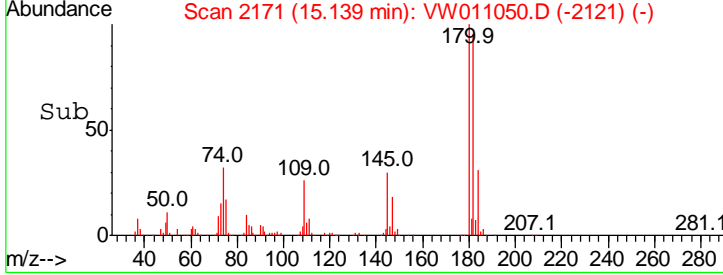
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.226 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.01 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

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

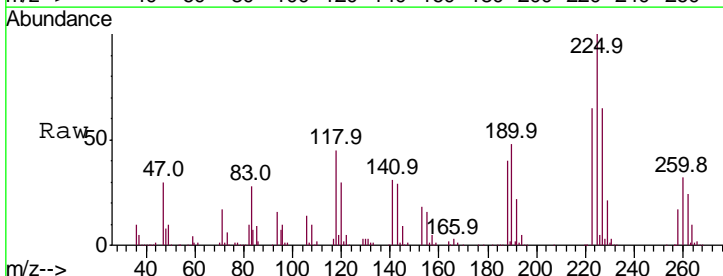


Tgt Ion	Resp	Lower	Upper
180	100		
182	95.0	47.4	142.2
145	30.3	15.3	45.8

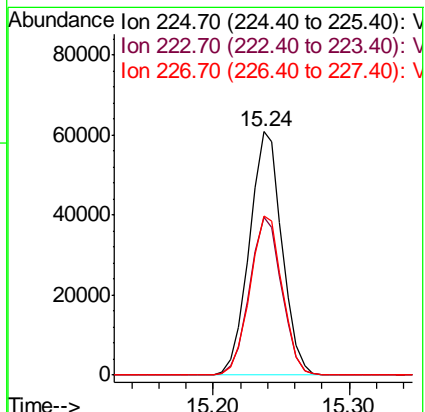
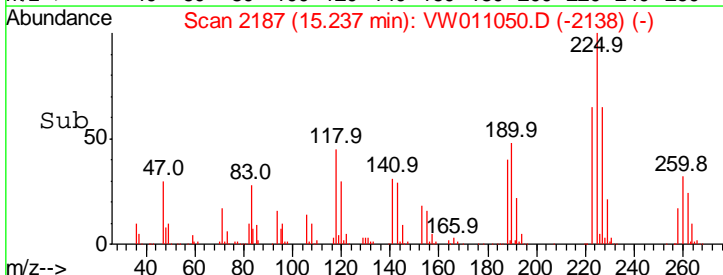
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/2/2019 12:52:55 AM

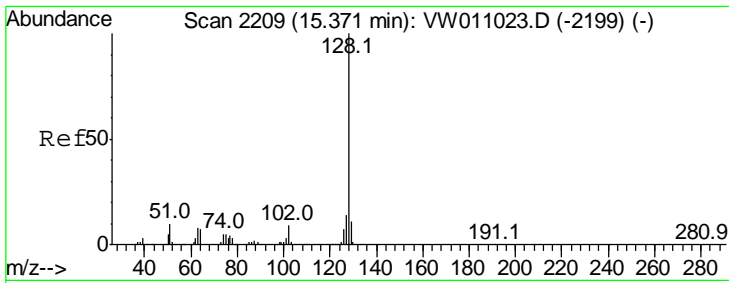


#94  
 Hexachlorobutadiene  
 Concen: 52.673 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. 0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56



Tgt Ion	Resp	Lower	Upper
225	100		
223	64.3	31.9	95.9
227	64.9	31.9	95.9





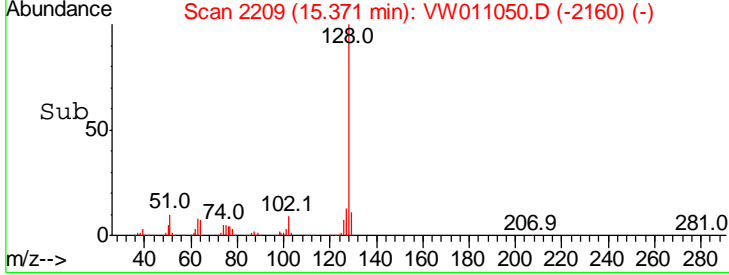
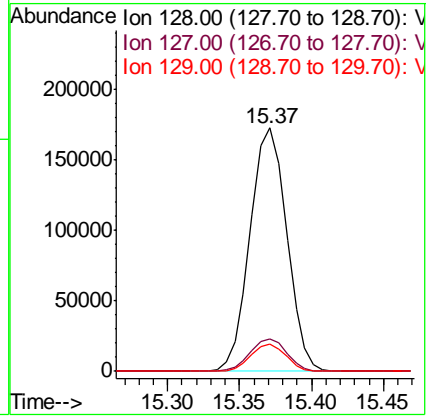
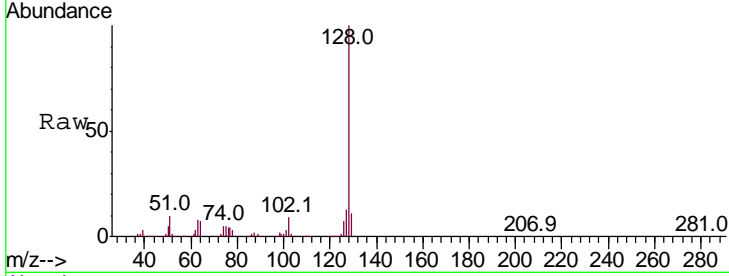
#95  
 Naphthalene  
 Concen: 51.031 ug/l  
 RT: 15.37 min Scan# 2209  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Instrument : MSVOA\_W  
 Client Sampled : VSTDC050

Tgt Ion	Resp	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.8	8.8	13.2

Manual Integrations  
 APPROVED

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 7/2/2019 12:52:55 AM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 50.869 ug/l  
 RT: 15.56 min Scan# 2240  
 Delta R.T. -0.00 min  
 Lab File: VW011050.D  
 Acq: 28 Jun 2019 09:56

Tgt Ion	Resp	Lower	Upper
180	100		
182	94.9	47.9	143.7
145	32.0	16.1	48.2

