

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\WX041219\  
 Data File : VX008900.D  
 Acq On : 12 Apr 2019 20:34  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

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 4/13/2019 2:11:53 PM

Quant Time: Apr 13 06:06:05 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	156016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105666	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112558	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.50	113	82908	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.71	98	325286	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.13	95	114866	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104238	58.043	ug/l	98
3) Chloromethane	1.32	50	119098	54.256	ug/l	100
4) Vinyl Chloride	1.41	62	118229	48.700	ug/l	97
5) Bromomethane	1.64	94	66741	55.589	ug/l	99
6) Chloroethane	1.71	64	74724	56.770	ug/l	98
7) Trichlorofluoromethane	1.92	101	135550	50.510	ug/l	99
8) Diethyl Ether	2.19	74	62034	48.745	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83838	48.523	ug/l	98
10) Methyl Iodide	2.51	142	79773	50.639	ug/l	100
11) Tert butyl alcohol	3.06	59	139365	261.599	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87780	48.667	ug/l	98
13) Acrolein	2.29	56	71962	272.416	ug/l	99
14) Allyl chloride	2.73	41	209152	50.653	ug/l	98
15) Acrylonitrile	3.15	53	359563	254.769	ug/l	100
16) Acetone	2.45	43	310967	237.258	ug/l	99
17) Carbon Disulfide	2.57	76	259567	49.833	ug/l	99
18) Methyl Acetate	2.78	43	164766	51.834	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	336218	52.197	ug/l	99
20) Methylene Chloride	2.85	84	104701	47.724	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	94218	48.293	ug/l	96
22) Diisopropyl ether	3.86	45	407062	51.149	ug/l	99
23) Vinyl Acetate	3.82	43	1846425	266.697	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200172	50.801	ug/l	99
25) 2-Butanone	4.68	43	539724	260.541	ug/l	99
26) 2,2-Dichloropropane	4.59	77	126294	45.508	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110711	49.357	ug/l	98
28) Bromochloromethane	5.02	49	84640	51.515	ug/l	100
29) Tetrahydrofuran	5.13	42	361041	262.587	ug/l	99
30) Chloroform	5.21	83	178572	50.740	ug/l	98
31) Cyclohexane	5.58	56	195473	49.717	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	147828	51.980	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139335	48.606	ug/l	100
37) Ethyl Acetate	4.84	43	204489	53.443	ug/l	100
38) Carbon Tetrachloride	5.79	117	121894	51.376	ug/l	98

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**ClientSampleID :**  
 VSTDCCC050EC

**Manual Integrations**  
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169004	47.725	ug/l	99
40) Benzene	6.15	78	428945	50.228	ug/l	99
41) Methacrylonitrile	5.04	41	112481	51.142	ug/l	100
42) 1,2-Dichloroethane	6.20	62	152613	49.848	ug/l	100
43) Isopropyl Acetate	6.45	43	316724	52.841	ug/l	99
44) Trichloroethene	7.21	130	100452	50.504	ug/l	95
45) 1,2-Dichloropropane	7.51	63	122818	50.387	ug/l	98
46) Dibromomethane	7.66	93	68505	48.457	ug/l	97
47) Bromodichloromethane	7.90	83	137684	51.653	ug/l	99
48) Methyl methacrylate	7.77	41	158861	52.394	ug/l	99
49) 1,4-Dioxane	7.74	88	55332	974.181	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1015717	263.241	ug/l	100
52) Toluene	8.79	92	252799	50.211	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157184	52.643	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	175129	51.331	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	102490	50.713	ug/l	99
56) Ethyl methacrylate	9.18	69	191688	52.422	ug/l	99
57) 1,3-Dichloropropane	9.37	76	184247	50.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	472993	253.326	ug/l	100
59) 2-Hexanone	9.49	43	765676	255.342	ug/l	100
60) Dibromochloromethane	9.59	129	101762	53.435	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106043	50.403	ug/l	98
64) Tetrachloroethene	9.34	164	87948	51.922	ug/l	99
65) Chlorobenzene	10.14	112	254160	50.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94169	52.967	ug/l	99
67) Ethyl Benzene	10.25	91	472186	49.967	ug/l	98
68) m/p-Xylenes	10.36	106	340458	100.202	ug/l	99
69) o-Xylene	10.70	106	164723	50.025	ug/l	99
70) Styrene	10.71	104	290132	51.116	ug/l	99
71) Bromoform	10.86	173	73943	54.456	ug/l	98
73) Isopropylbenzene	11.02	105	443532	50.650	ug/l	100
74) N-amyl acetate	10.90	43	264167	51.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161961	48.632	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138293m	47.642	ug/l	
77) Bromobenzene	11.26	156	105717	50.218	ug/l	98
78) n-propylbenzene	11.36	91	506352	49.661	ug/l	100
79) 2-Chlorotoluene	11.42	91	298989	48.456	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367933	50.055	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54890	52.125	ug/l	99
82) 4-Chlorotoluene	11.51	91	343623	48.111	ug/l	98
83) tert-Butylbenzene	11.77	119	358513	50.696	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	370576	49.789	ug/l	100
85) sec-Butylbenzene	11.94	105	419170	49.901	ug/l	99
86) p-Isopropyltoluene	12.06	119	378567	50.211	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183931	48.805	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183244	48.017	ug/l	99
89) n-Butylbenzene	12.39	91	350138	49.520	ug/l	100
90) Hexachloroethane	12.60	117	65045	52.015	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	182447	48.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36976	50.471	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128302	49.315	ug/l	99
94) Hexachlorobutadiene	13.78	225	63937	51.243	ug/l	99
95) Naphthalene	13.83	128	435224	50.052	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	128968	49.614	ug/l	99

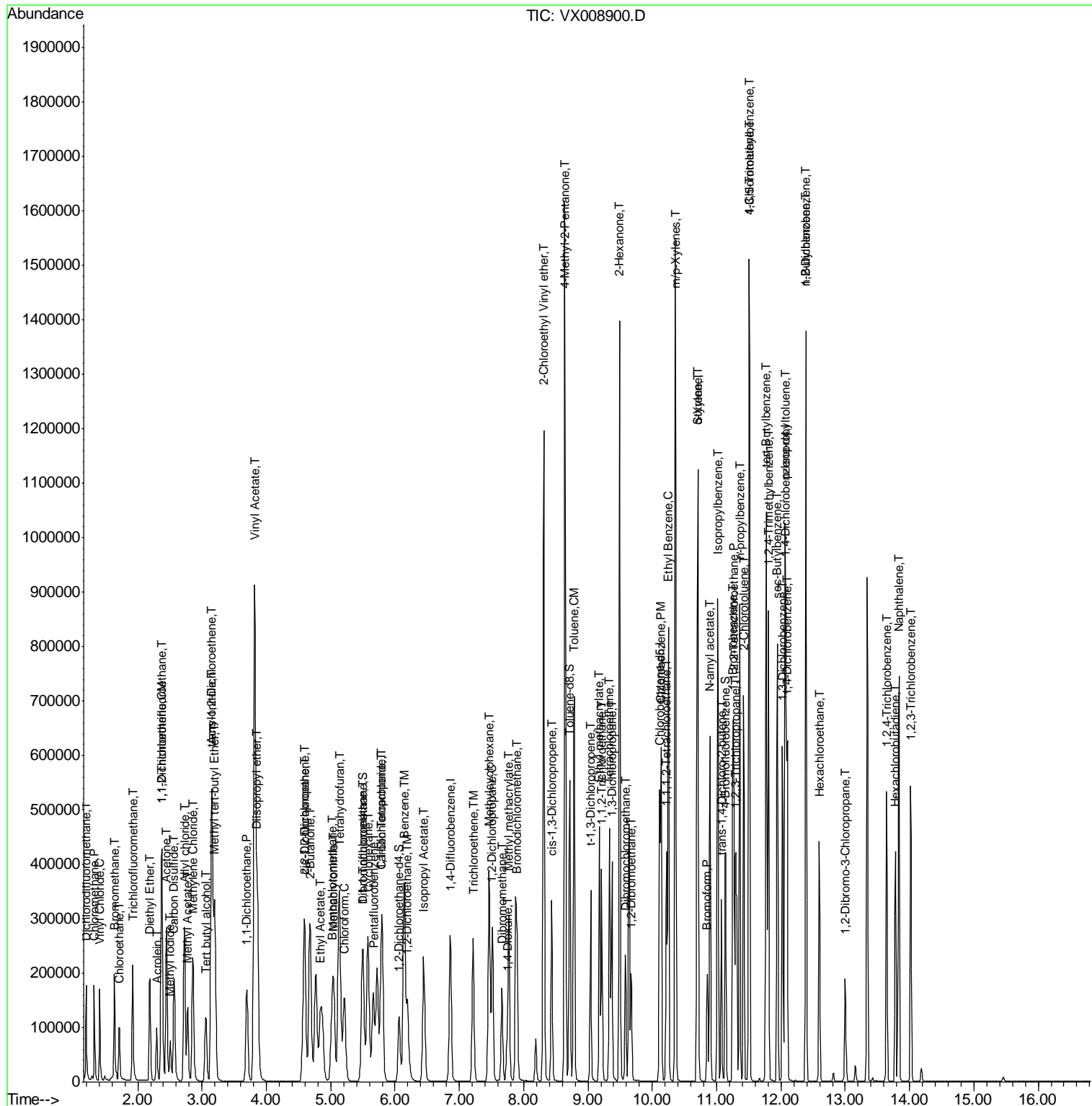
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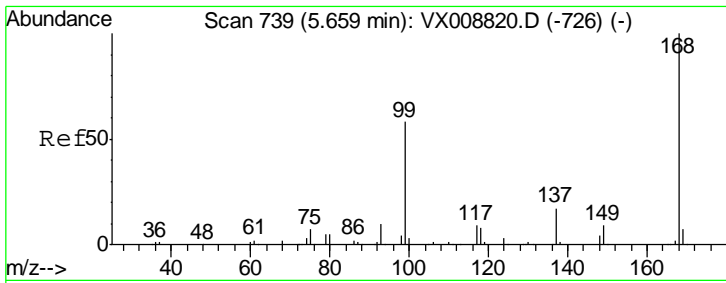
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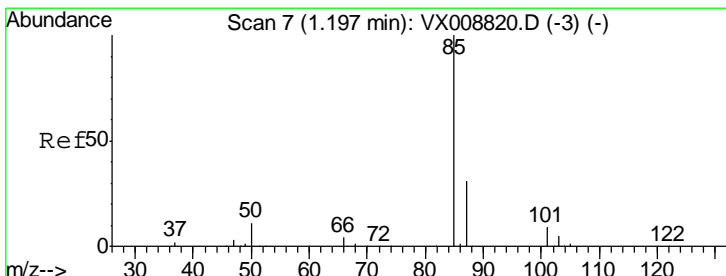
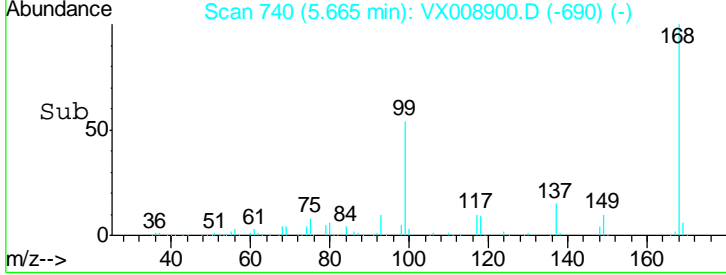
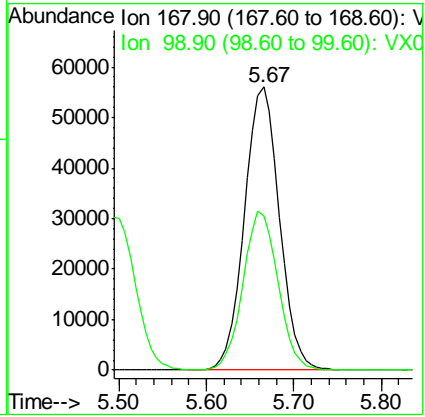
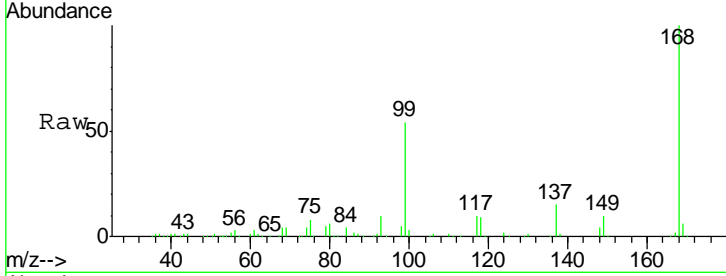
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. 0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion: 168 Resp: 156016

Ion	Ratio	Lower	Upper
168	100		
99	54.2	46.7	70.1

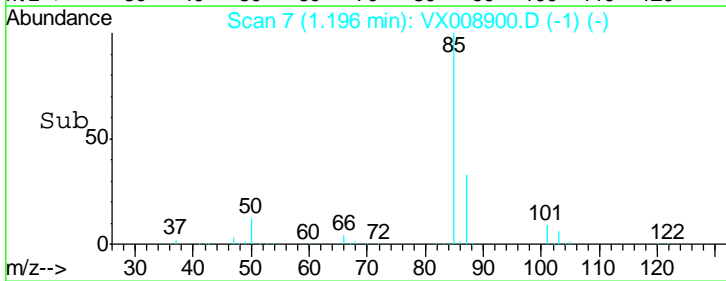
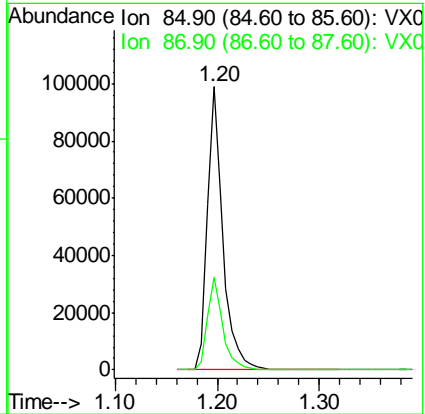
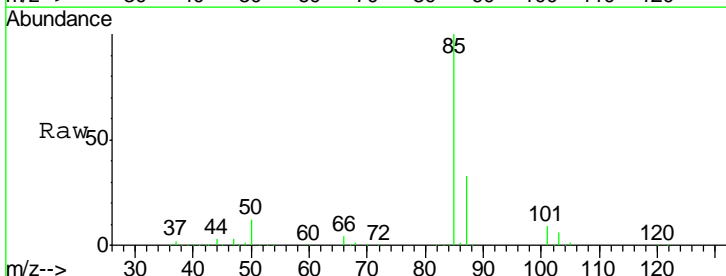
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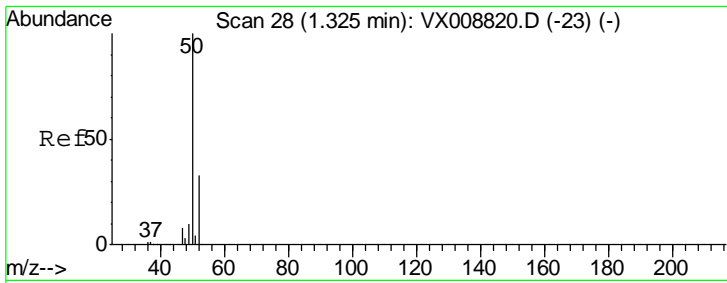


#2  
 Dichlorodifluoromethane  
 Concen: 58.043 ug/l  
 RT: 1.20 min Scan# 7  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 85 Resp: 104238

Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.8	47.3





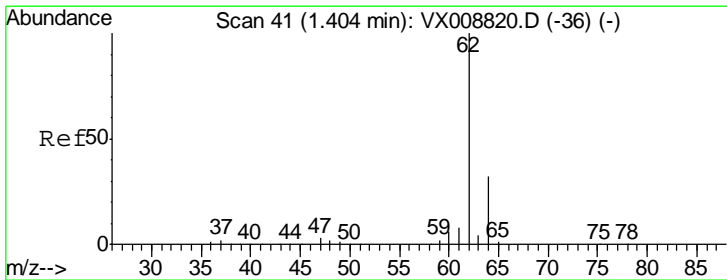
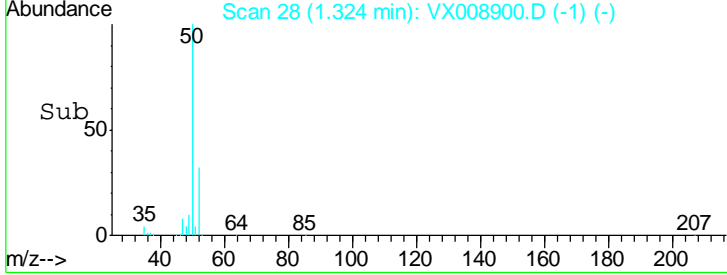
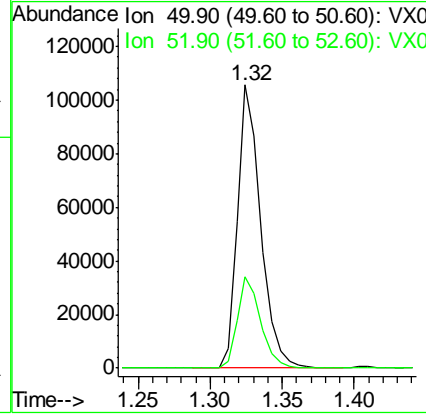
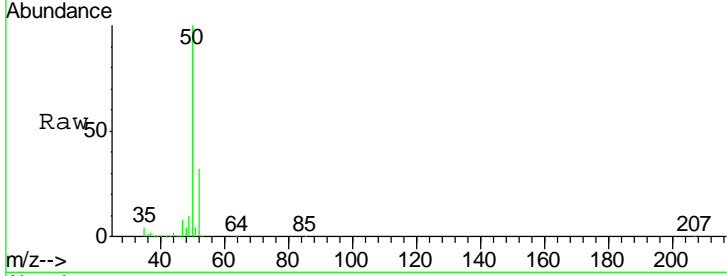
#3  
 Chloromethane  
 Concen: 54.256 ug/l  
 RT: 1.32 min Scan# 28  
 Delta R.T. 0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
50	119098		
52	32.3	25.8	38.8

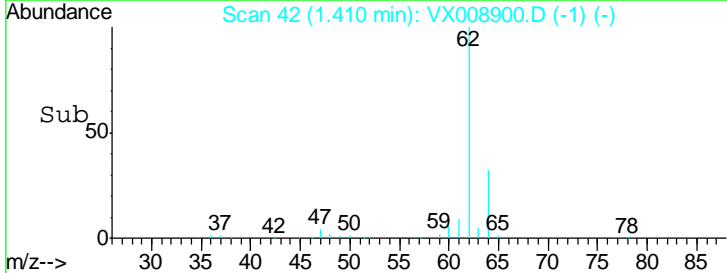
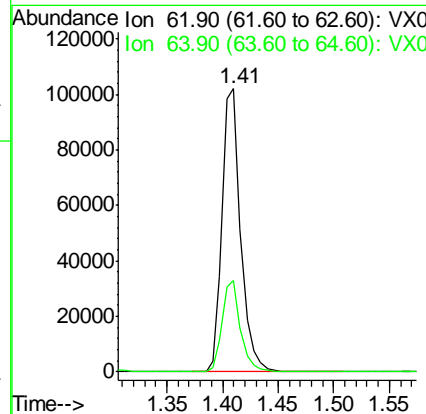
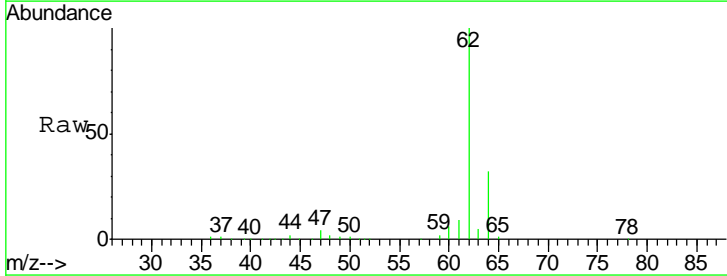
Manual Integrations  
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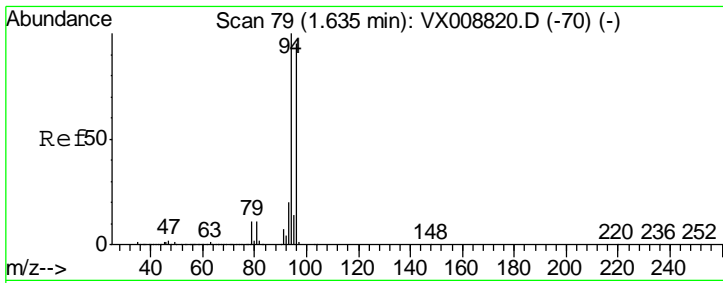
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#4  
 Vinyl Chloride  
 Concen: 48.700 ug/l  
 RT: 1.41 min Scan# 42  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
62	118229		
64	32.3	24.7	37.1



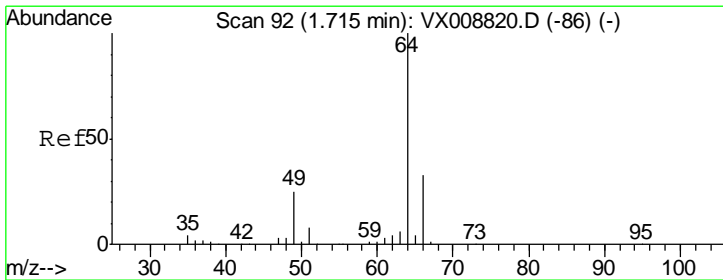
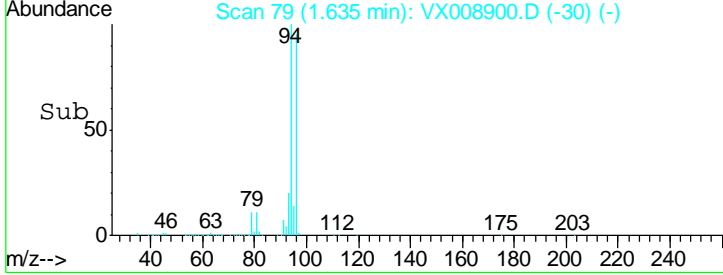
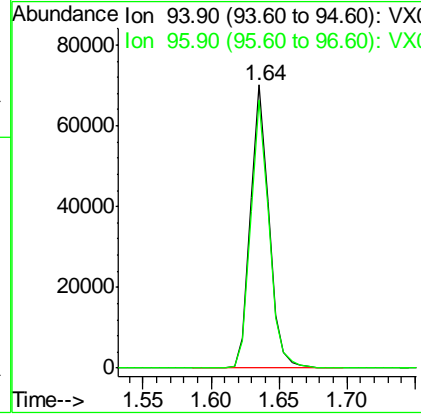
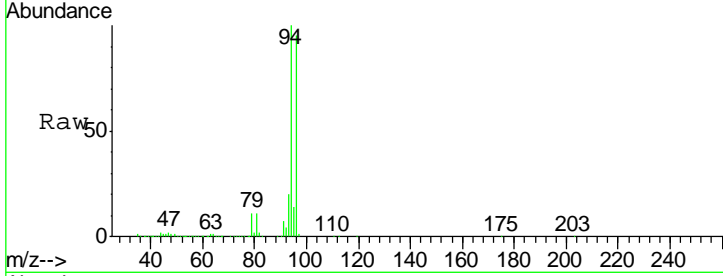


#5  
 Bromomethane  
 Concen: 55.589 ug/l  
 RT: 1.64 min Scan# 79  
 Delta R.T. 0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

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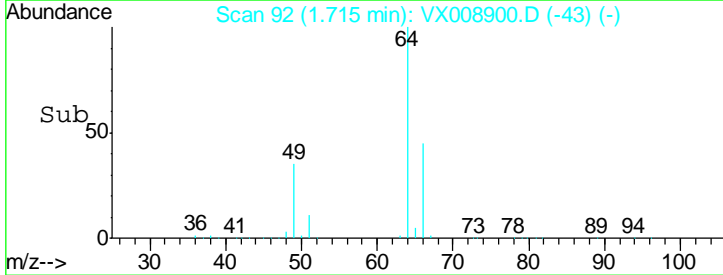
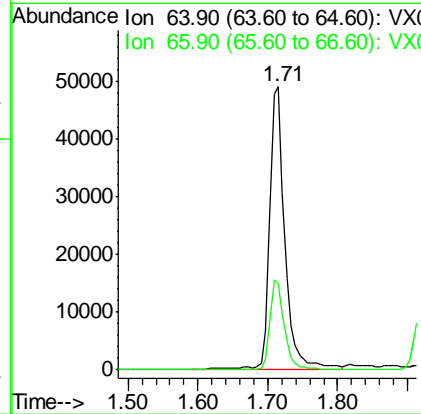
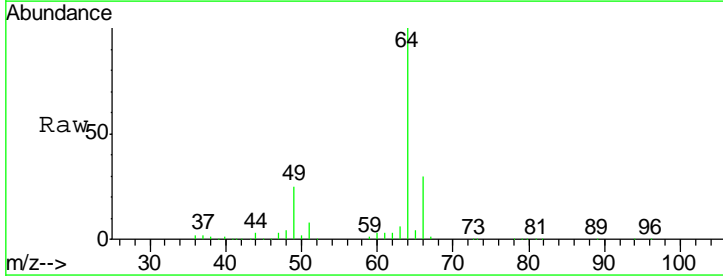
Tgt Ion	Resp	Lower	Upper
94	66741		
96	94.9	75.2	112.8

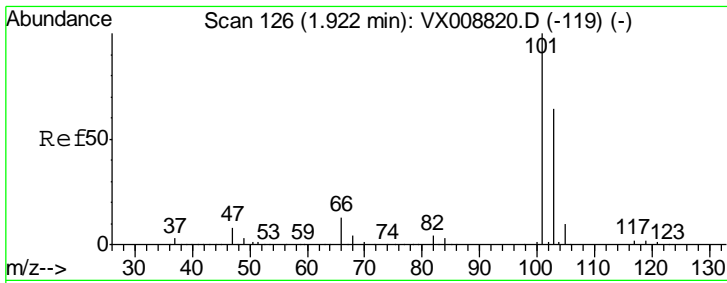
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#6  
 Chloroethane  
 Concen: 56.770 ug/l  
 RT: 1.71 min Scan# 92  
 Delta R.T. 0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
64	74724		
66	30.3	25.4	38.0



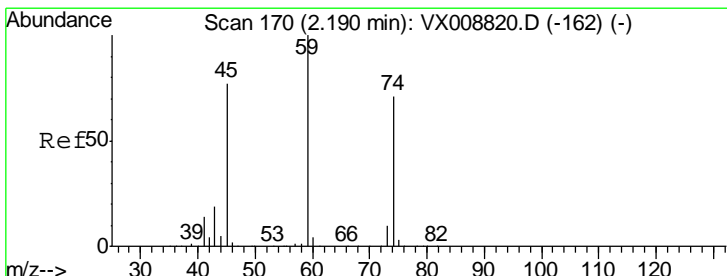
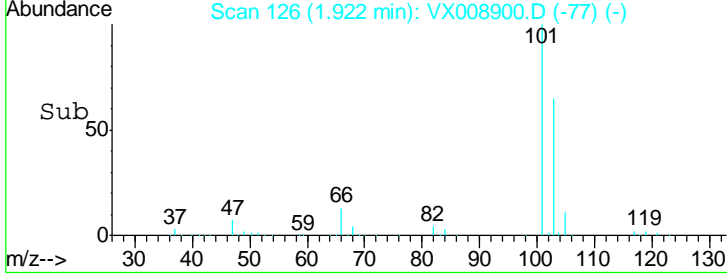
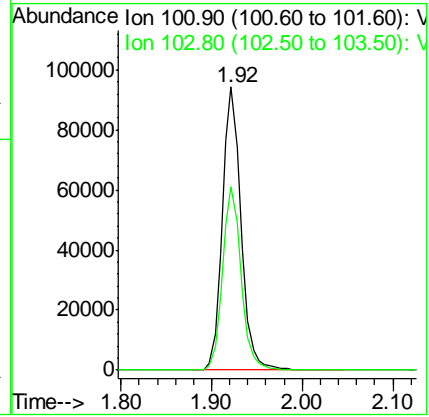
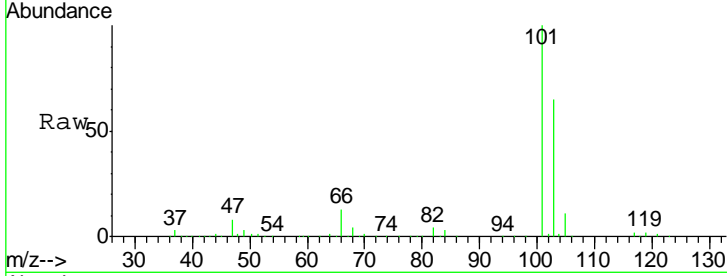


#7  
 Trichlorofluoromethane  
 Concen: 50.510 ug/l  
 RT: 1.92 min Scan# 126  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
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 ClientSampled :  
 VSTDCCC050EC

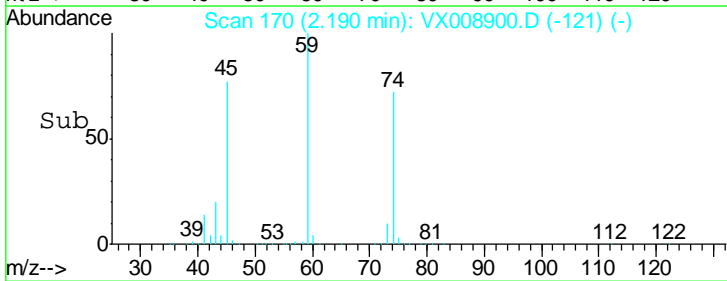
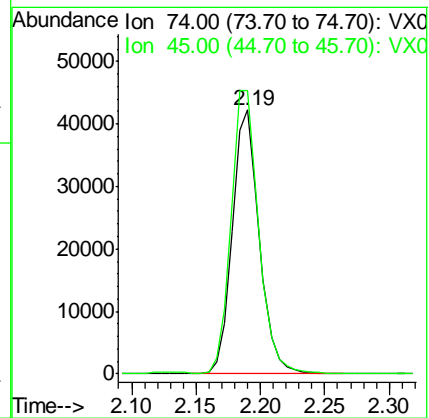
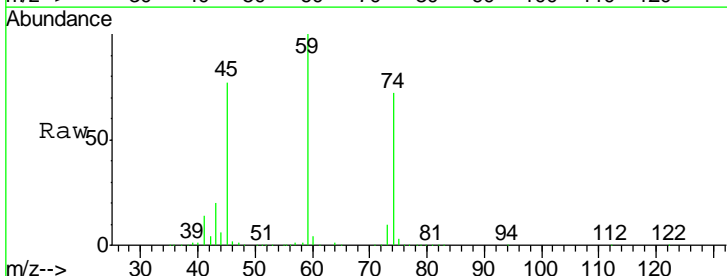
Tgt Ion:101 Resp: 135550  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 52.3 78.5

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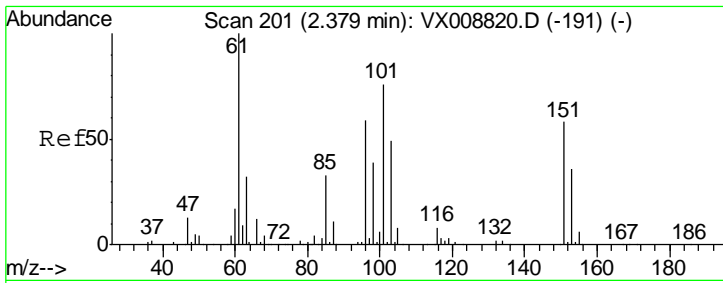


#8  
 Diethyl Ether  
 Concen: 48.745 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
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Tgt Ion: 74 Resp: 62034  
 Ion Ratio Lower Upper  
 74 100  
 45 109.5 56.5 169.5







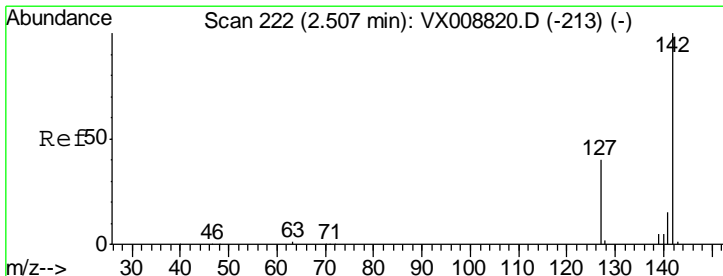
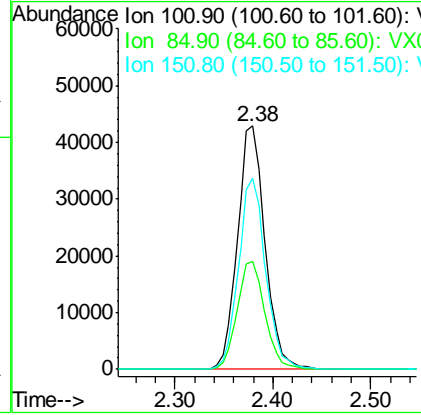
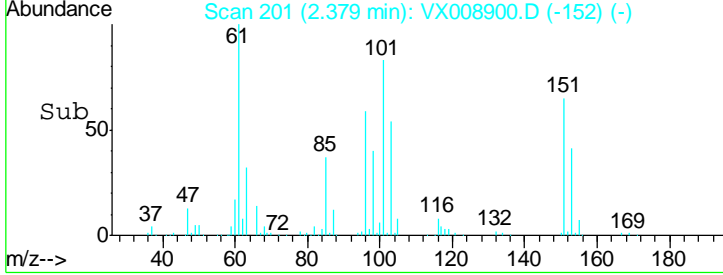
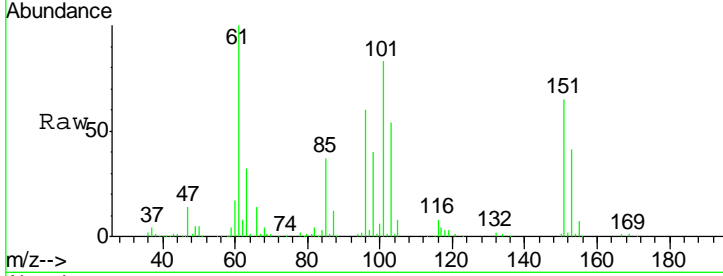
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 48.523 ug/l  
 RT: 2.38 min Scan# 201  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VX008900.D  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
101	83838		
101	100		
85	44.6	36.0	54.0
151	77.4	59.9	89.9

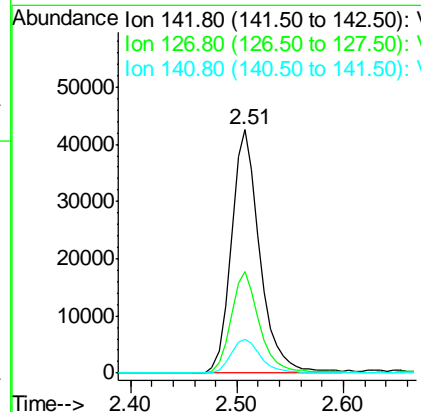
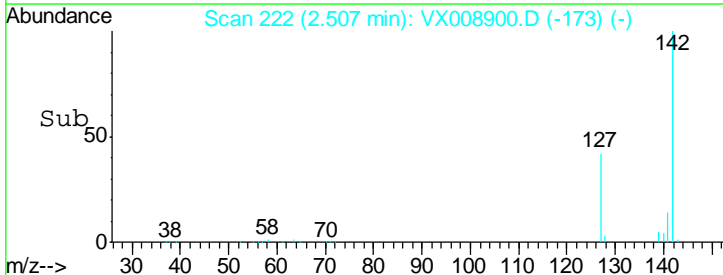
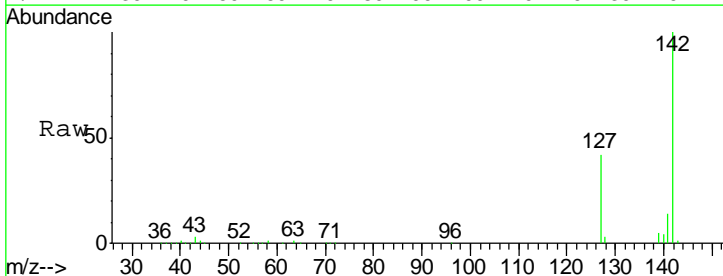
Manual Integrations  
 APPROVED

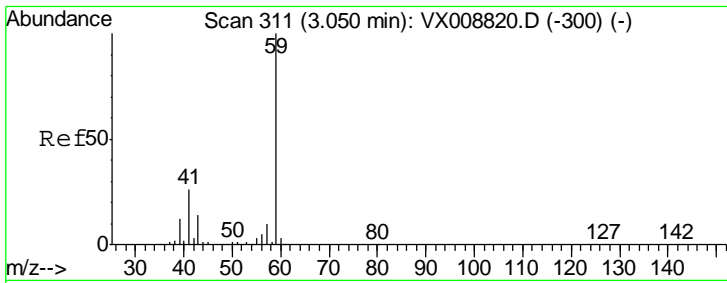
MMDadoda  
 4/13/2019 2:11:53 PM



#10  
 Methyl Iodide  
 Concen: 50.639 ug/l  
 RT: 2.51 min Scan# 222  
 Delta R.T. 0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
142	79773		
142	100		
127	41.3	33.0	49.6
141	14.6	11.4	17.2





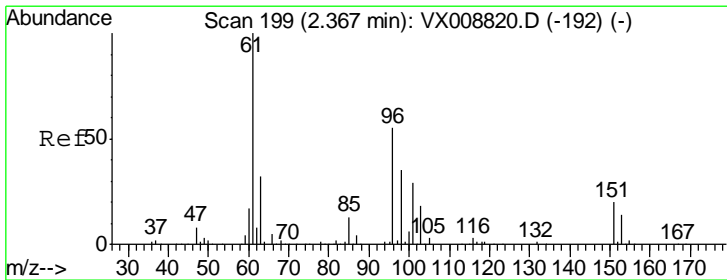
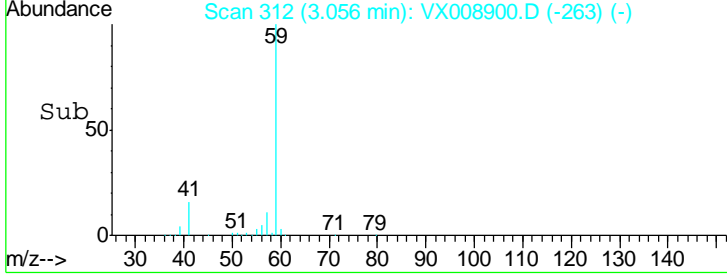
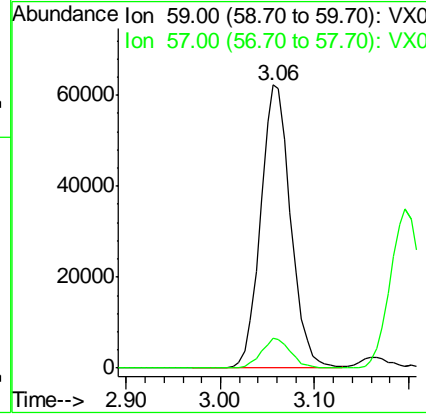
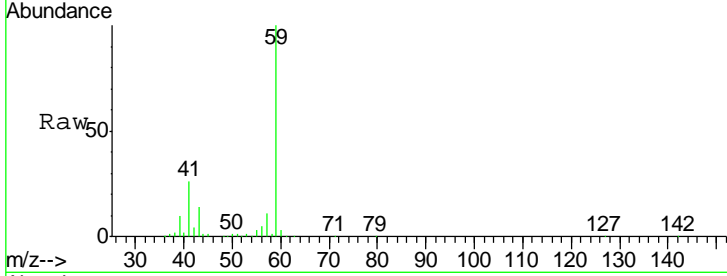
#11  
 Tert butyl alcohol  
 Concen: 261.599 ug/l  
 RT: 3.06 min Scan# 312  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
59	100		
57	10.4	8.3	12.5

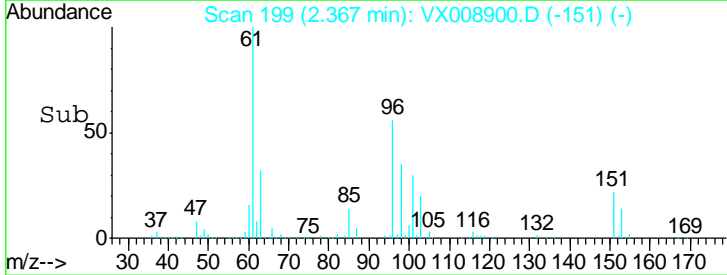
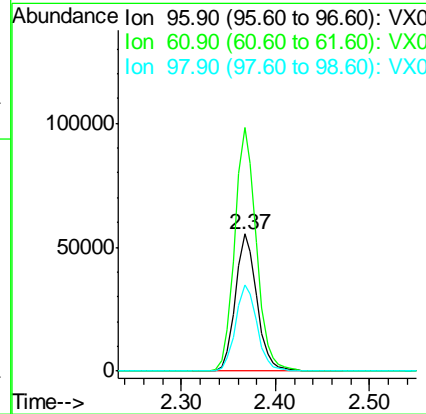
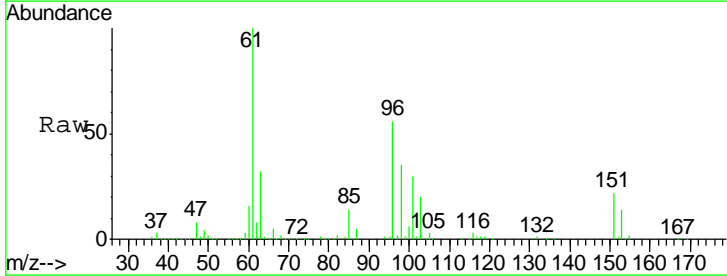
Manual Integrations  
 APPROVED

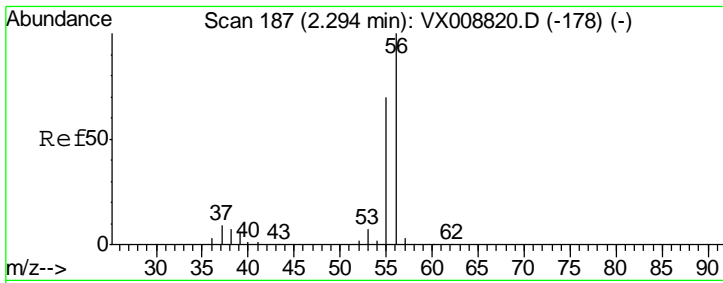
MMDadoda  
 4/13/2019 2:11:53 PM



#12  
 1,1-Dichloroethene  
 Concen: 48.667 ug/l  
 RT: 2.37 min Scan# 199  
 Delta R.T. -0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
96	100		
61	177.7	140.9	211.3
98	62.6	52.1	78.1



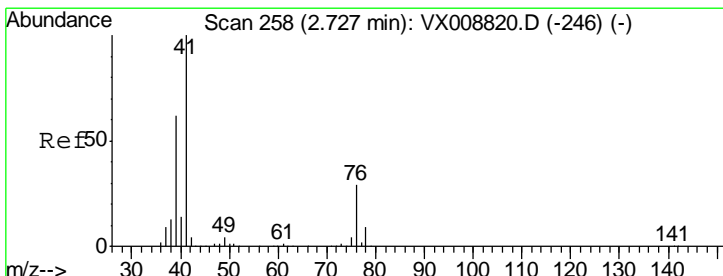
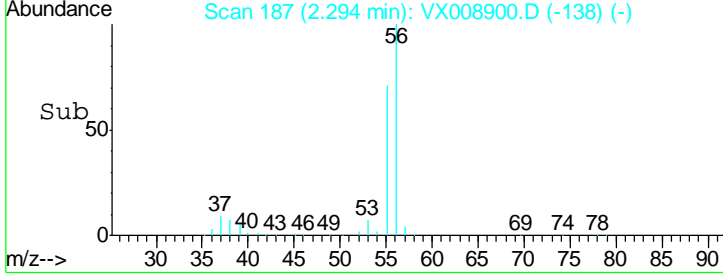
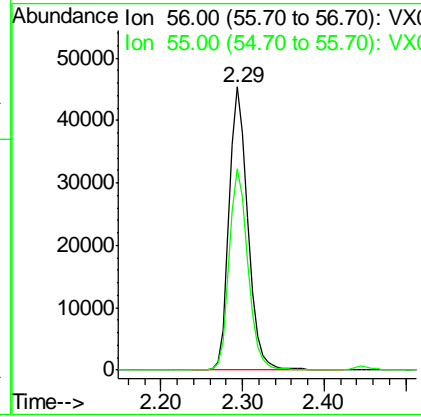
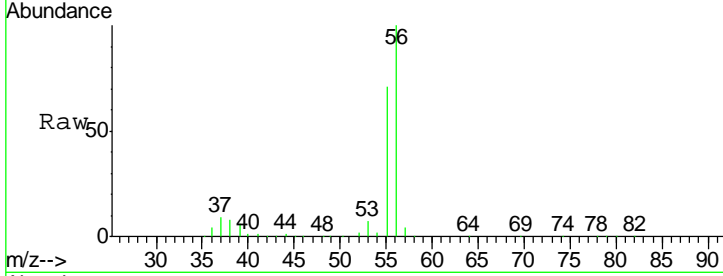


#13  
 Acrolein  
 Concen: 272.416 ug/l  
 RT: 2.29 min Scan# 187  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VX008900.D  
 VSTDCCC050EC

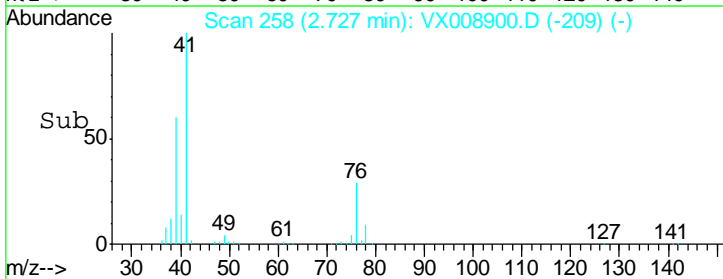
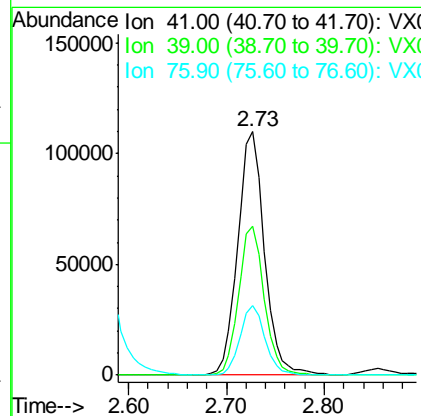
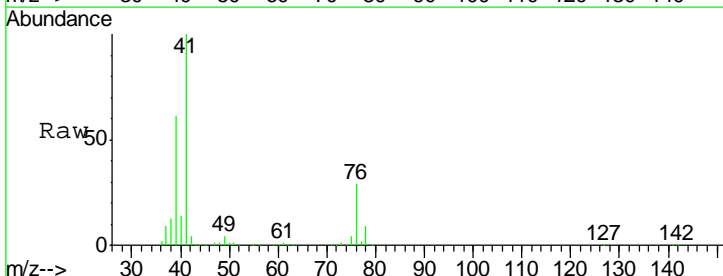
Tgt Ion	Resp	Lower	Upper
56	71962		
55	71.2	58.0	87.0

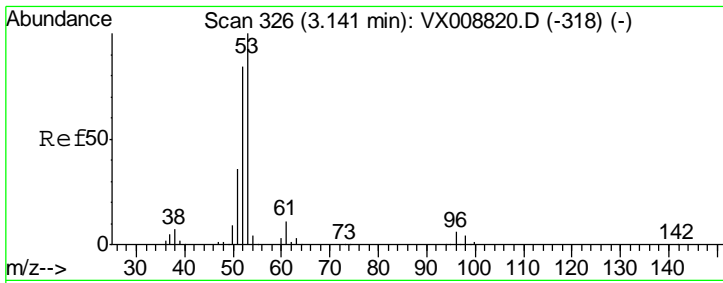
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#14  
 Allyl chloride  
 Concen: 50.653 ug/l  
 RT: 2.73 min Scan# 258  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
41	209152		
39	58.5	48.0	72.0
76	26.6	22.0	33.0





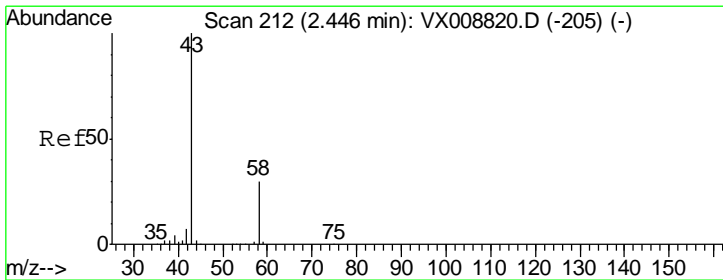
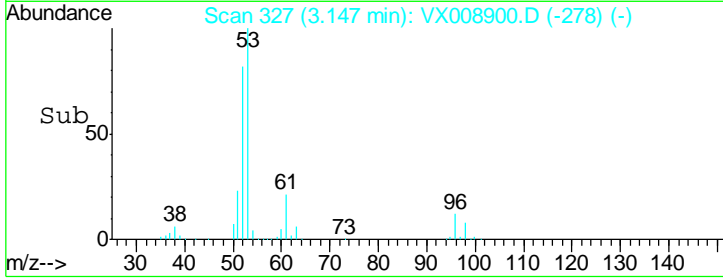
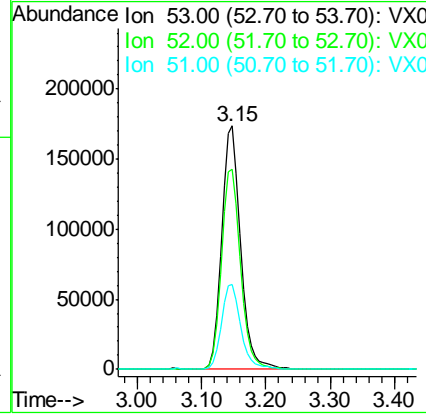
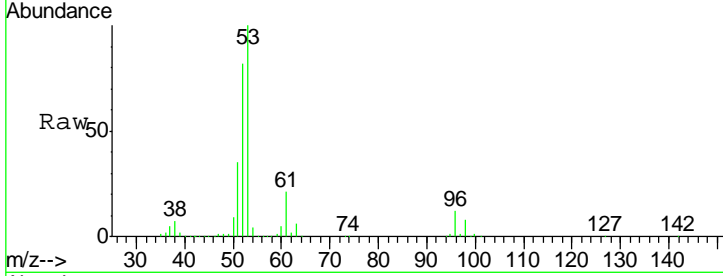
#15  
 Acrylonitrile  
 Concen: 254.769 ug/l  
 RT: 3.15 min Scan# 327  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
53	100		
52	83.2	66.5	99.7
51	35.7	28.6	42.8

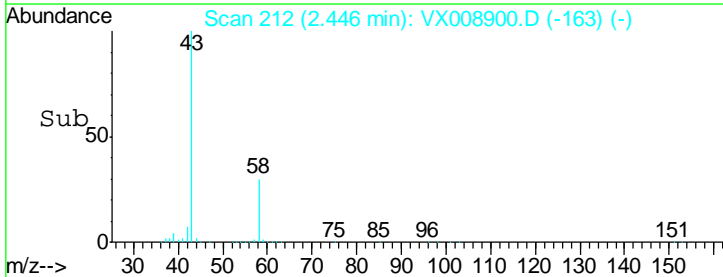
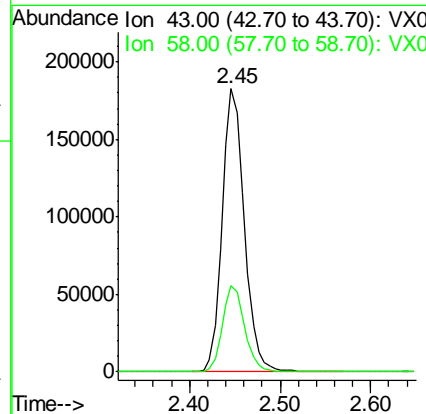
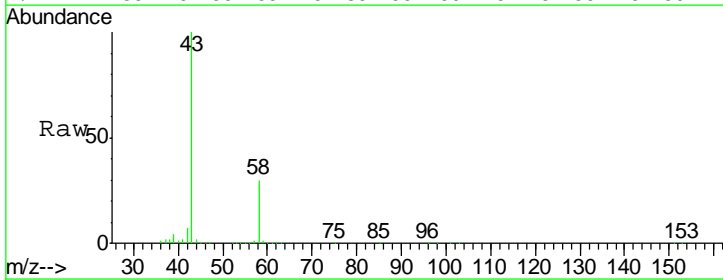
Manual Integrations  
 APPROVED

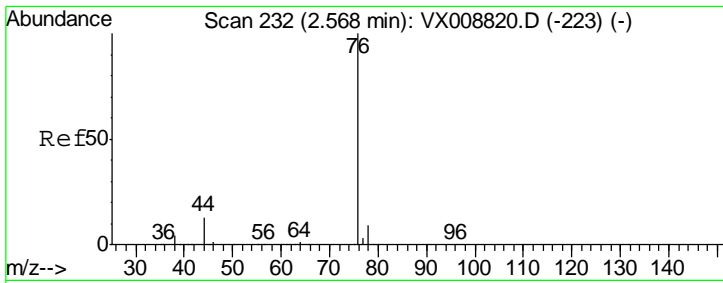
MMDadoda  
 4/13/2019 2:11:53 PM



#16  
 Acetone  
 Concen: 237.258 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
43	100		
58	30.4	24.8	37.2





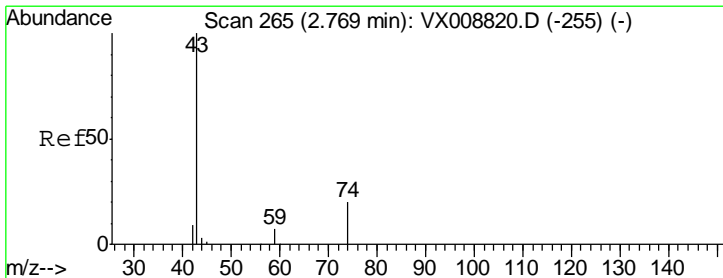
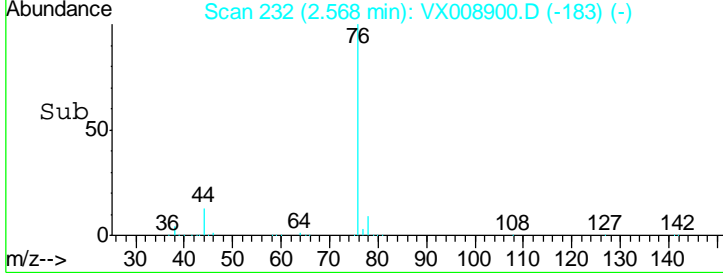
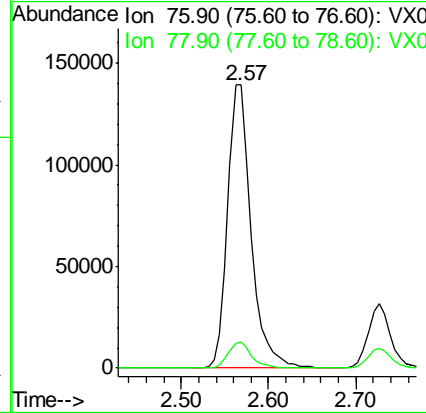
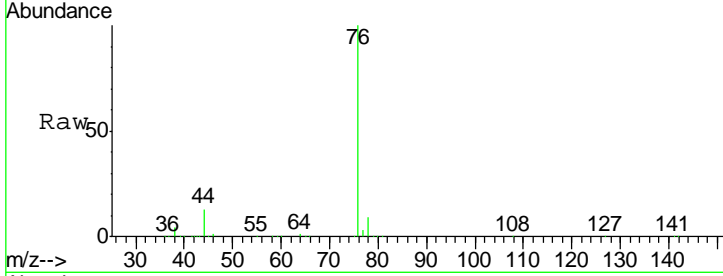
#17  
 Carbon Disulfide  
 Concen: 49.833 ug/l  
 RT: 2.57 min Scan# 232  
 Delta R.T. 0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
76	100		
78	9.1	7.1	10.7

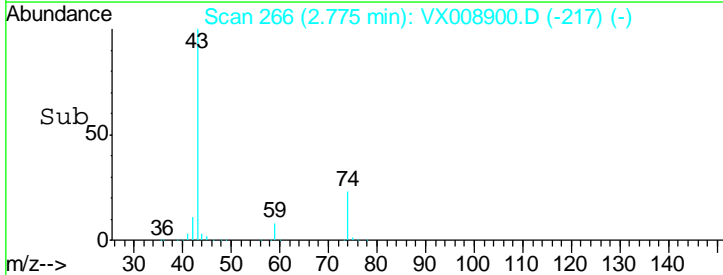
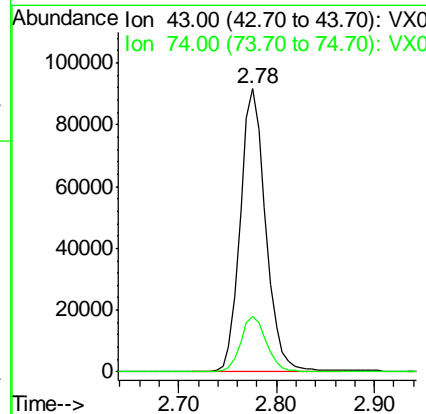
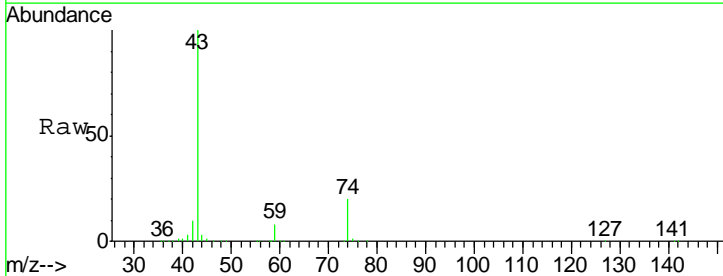
Manual Integrations  
 APPROVED

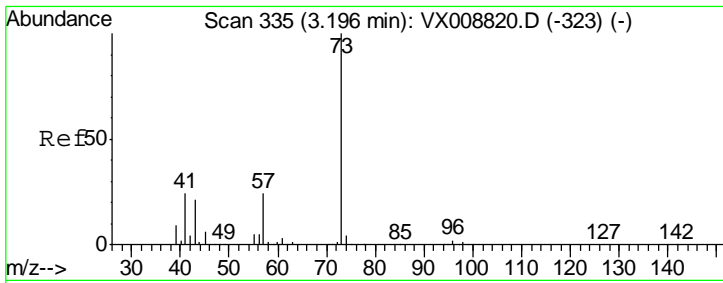
MMDadoda  
 4/13/2019 2:11:53 PM



#18  
 Methyl Acetate  
 Concen: 51.834 ug/l  
 RT: 2.78 min Scan# 266  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
43	100		
74	19.4	16.5	24.7





#19  
 Methyl tert-butyl Ether  
 Concen: 52.197 ug/l  
 RT: 3.20 min Scan# 335  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

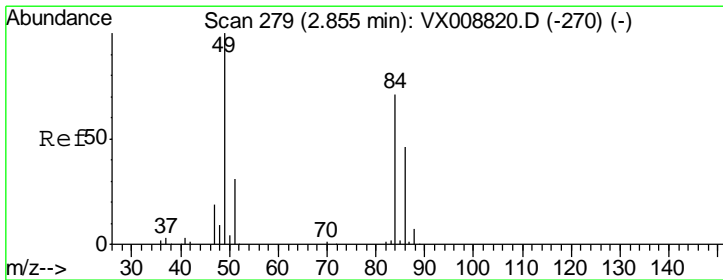
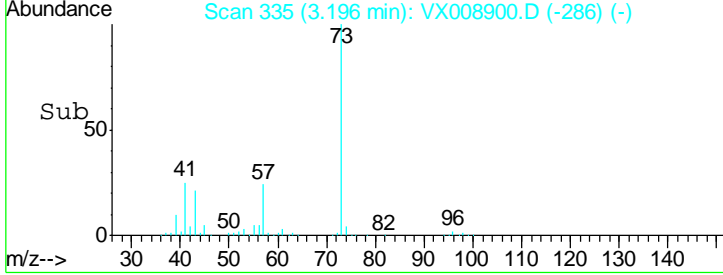
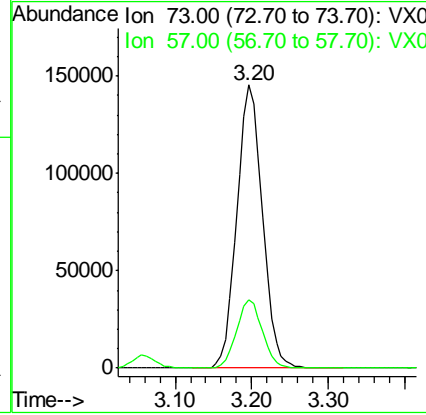
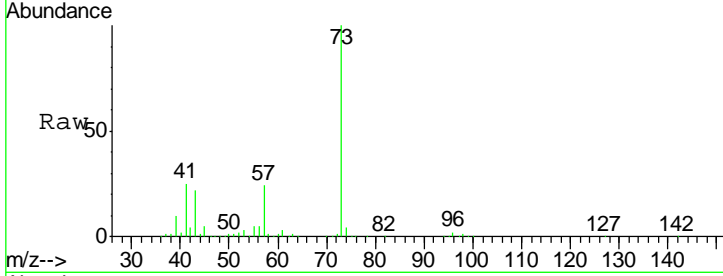
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion: 73 Resp: 336218

Ion	Ratio	Lower	Upper
73	100		
57	24.0	19.5	29.3

Manual Integrations  
 APPROVED

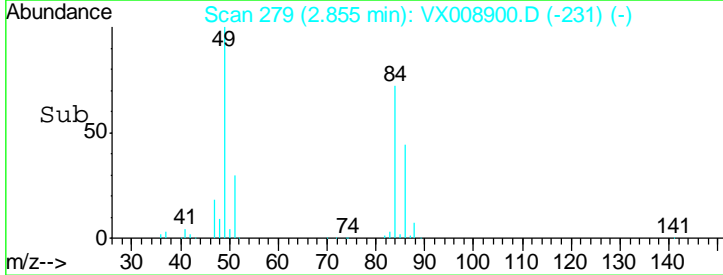
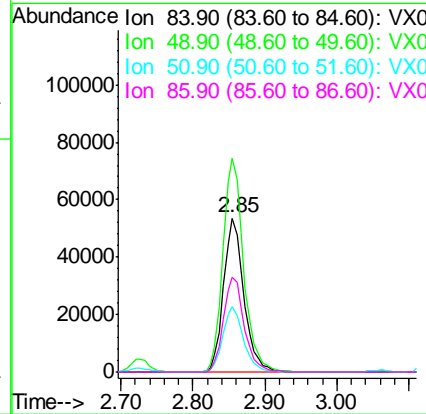
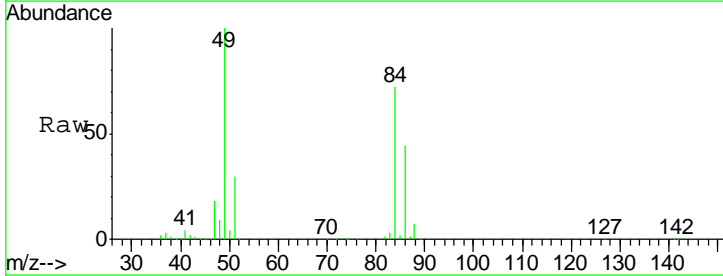
MMDadoda  
 4/13/2019 2:11:53 PM

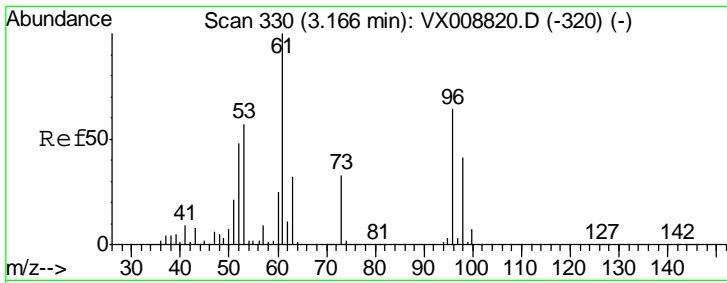


#20  
 Methylene Chloride  
 Concen: 47.724 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. -0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 84 Resp: 104701

Ion	Ratio	Lower	Upper
84	100		
49	138.8	109.7	164.5
51	42.0	33.6	50.4
86	61.3	51.4	77.2





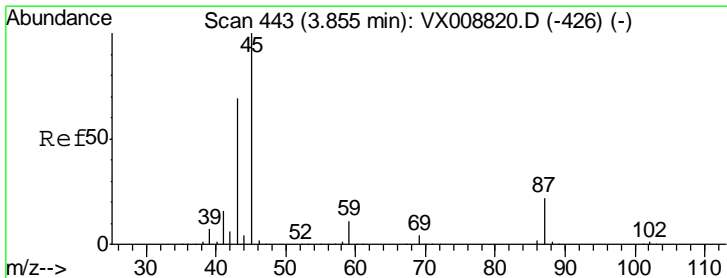
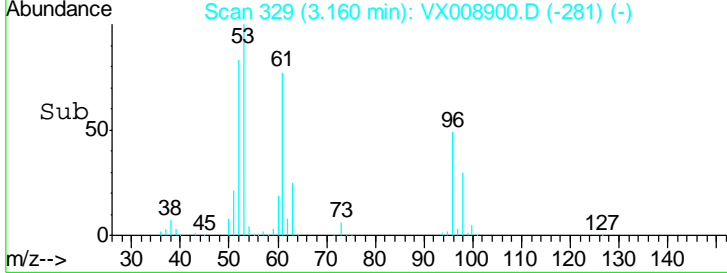
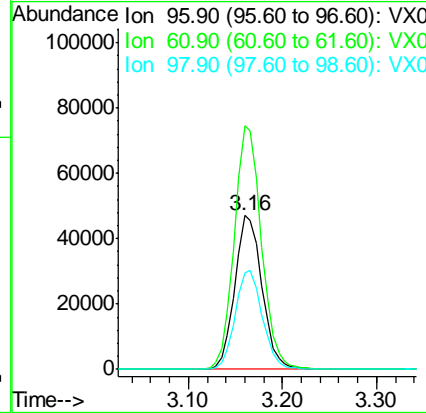
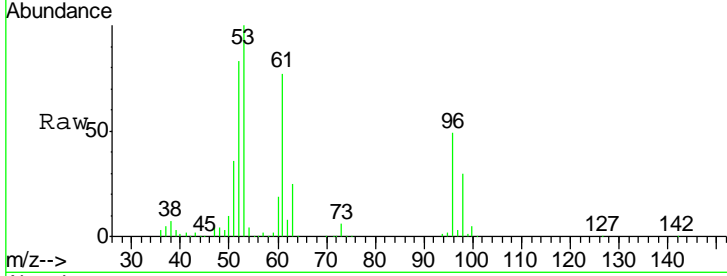
#21  
 trans-1,2-Dichloroethene  
 Concen: 48.293 ug/l  
 RT: 3.16 min Scan# 329  
 Delta R.T. -0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
96	94218		
61	158.7	132.1	198.1
98	62.4	52.2	78.2

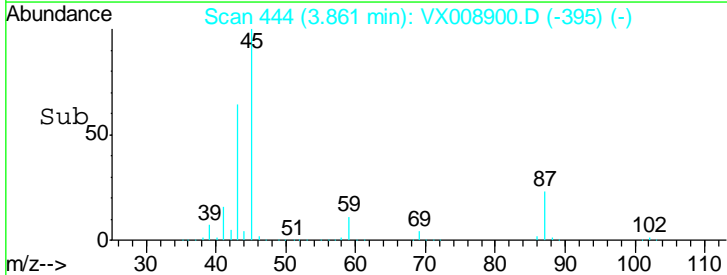
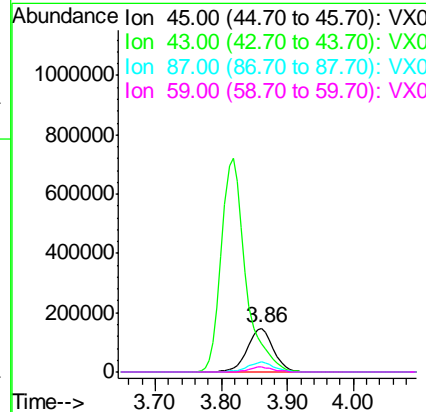
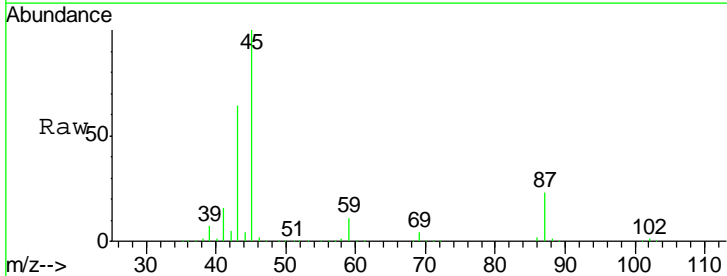
Manual Integrations  
 APPROVED

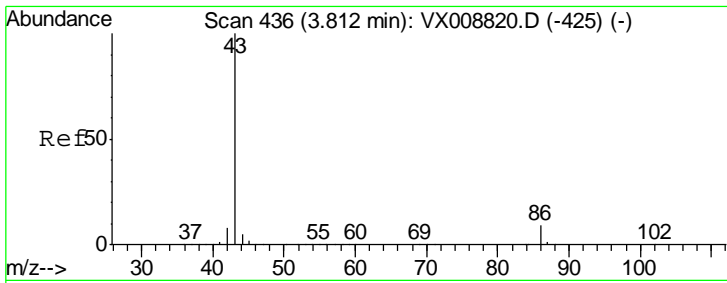
MMDadoda  
 4/13/2019 2:11:53 PM



#22  
 Diisopropyl ether  
 Concen: 51.149 ug/l  
 RT: 3.86 min Scan# 444  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
45	407062		
43	63.8	51.3	76.9
87	23.3	18.1	27.1
59	10.8	8.6	13.0





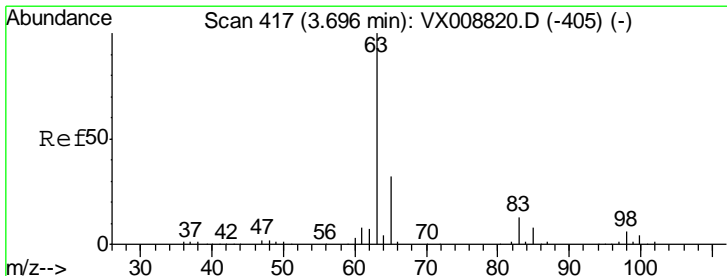
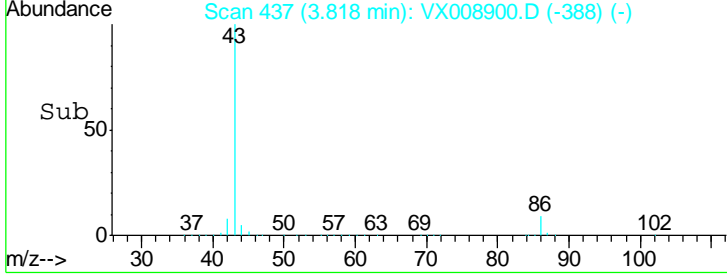
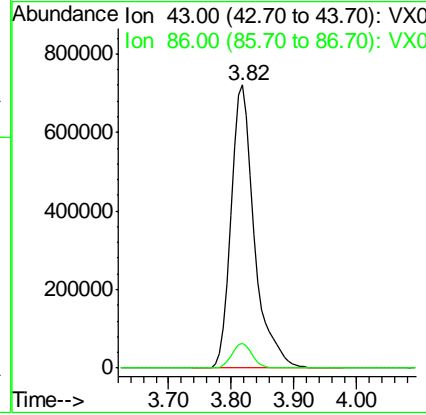
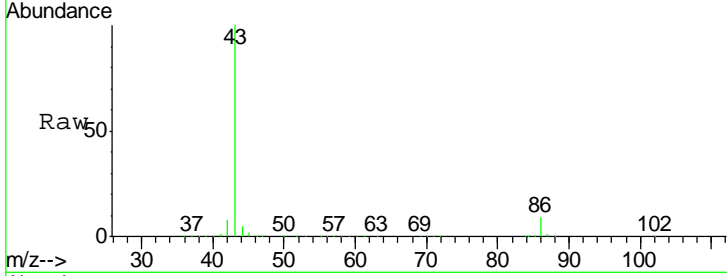
#23  
 Vinyl Acetate  
 Concen: 266.697 ug/l  
 RT: 3.82 min Scan# 437  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1846425

Ion	Ratio	Lower	Upper
43	100		
86	8.7	7.0	10.6

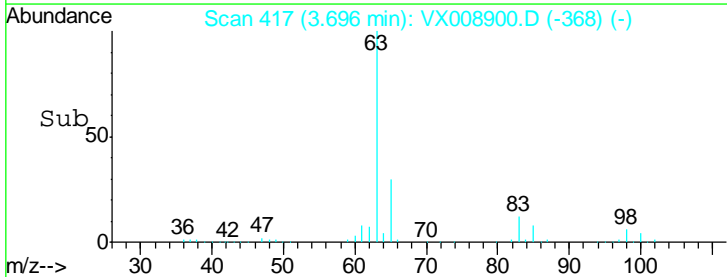
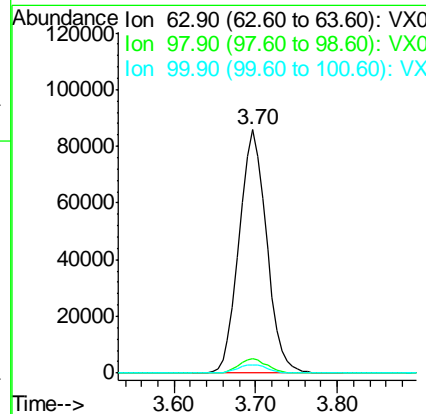
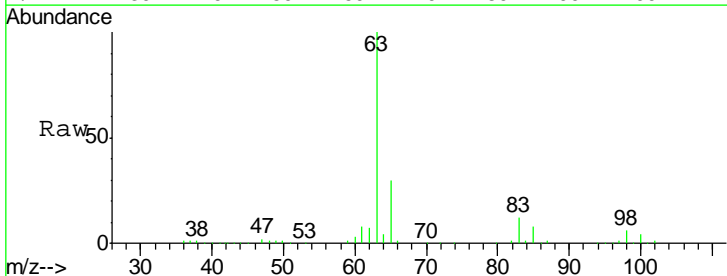
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



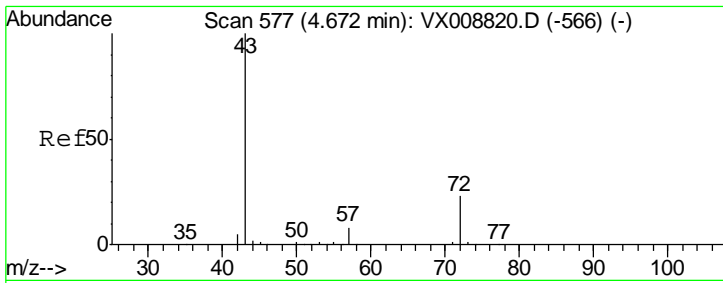
#24  
 1,1-Dichloroethane  
 Concen: 50.801 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 63 Resp: 200172

Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.8	8.4
100	3.5	1.8	5.5





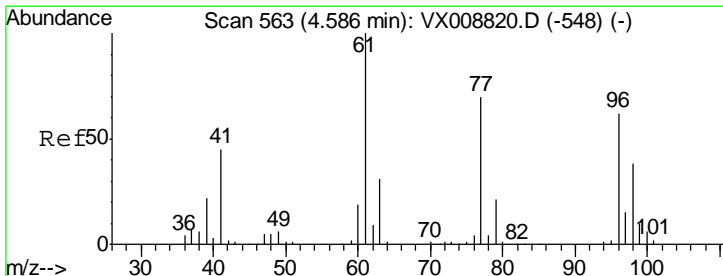
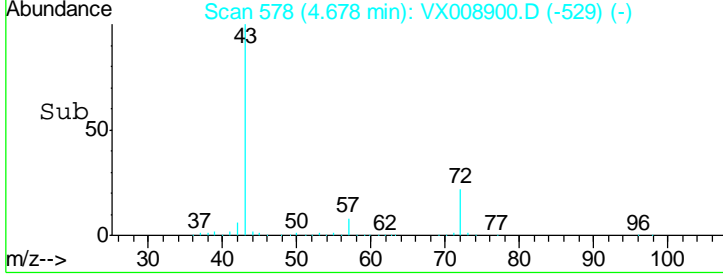
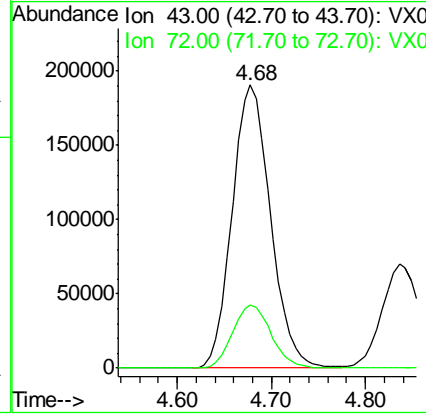
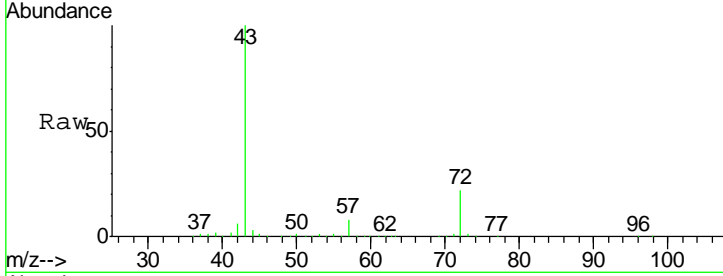


#25  
 2-Butanone  
 Concen: 260.541 ug/l  
 RT: 4.68 min Scan# 578  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

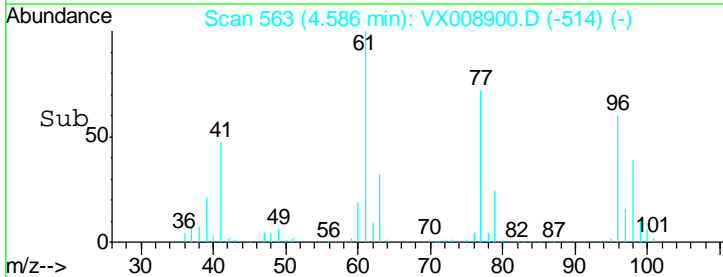
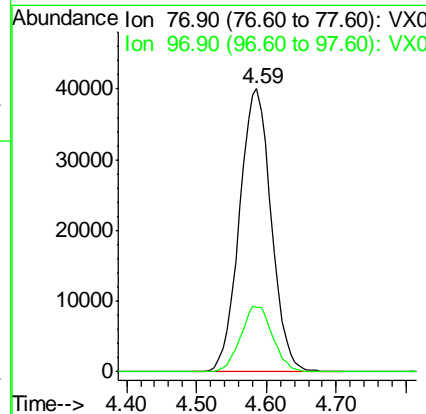
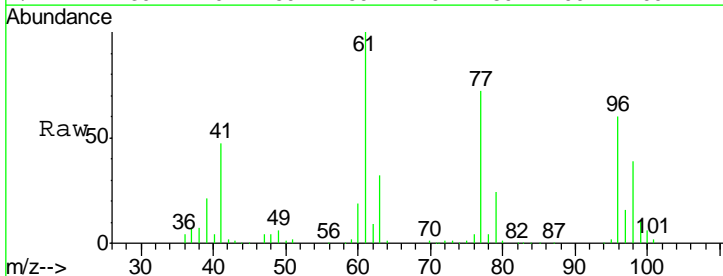
Tgt Ion: 43 Resp: 539724  
 Ion Ratio Lower Upper  
 43 100  
 72 22.1 18.2 27.4

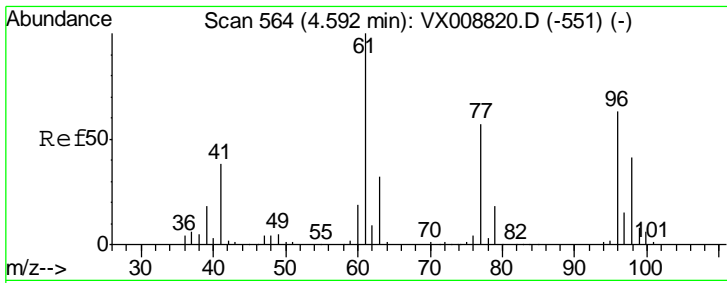
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#26  
 2,2-Dichloropropane  
 Concen: 45.508 ug/l  
 RT: 4.59 min Scan# 563  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 77 Resp: 126294  
 Ion Ratio Lower Upper  
 77 100  
 97 23.4 11.5 34.5





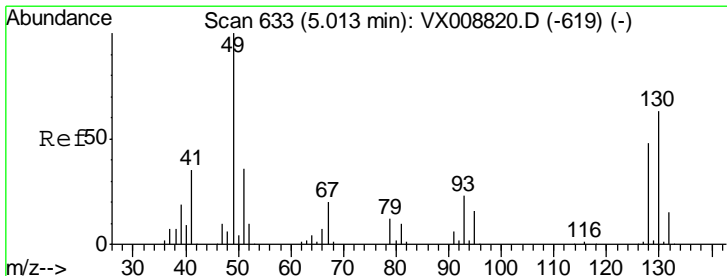
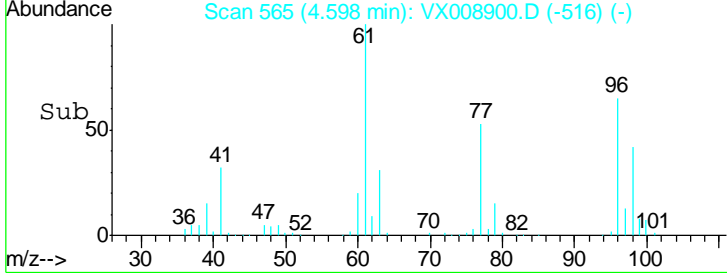
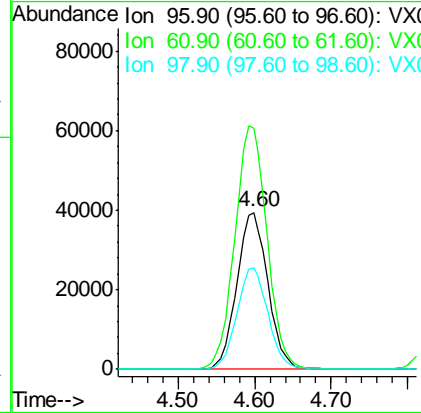
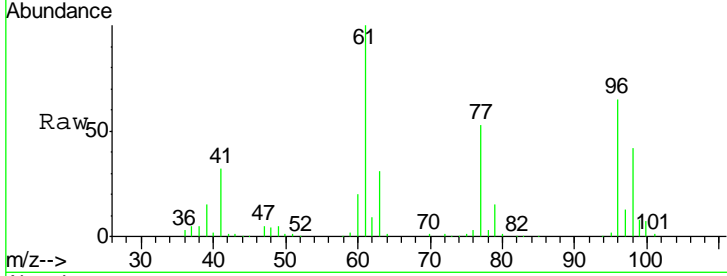
#27  
 cis-1,2-Dichloroethene  
 Concen: 49.357 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
96	110711		
61	161.2	0.0	327.6
98	64.8	0.0	128.6

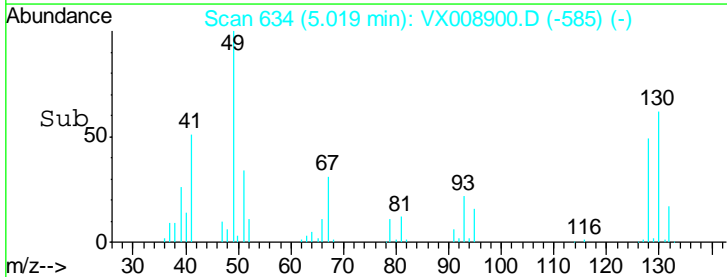
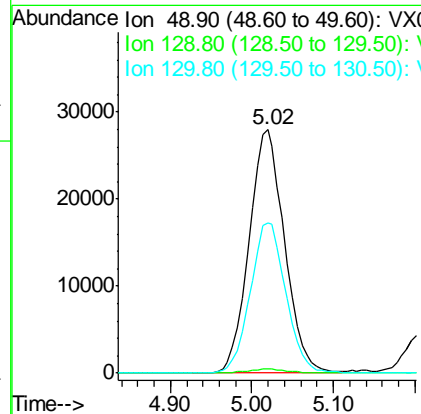
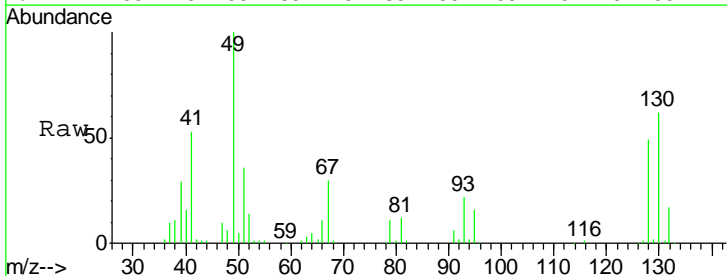
Manual Integrations  
 APPROVED

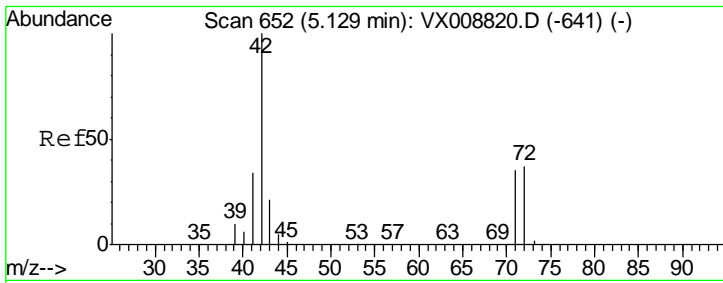
MMDadoda  
 4/13/2019 2:11:53 PM



#28  
 Bromochloromethane  
 Concen: 51.515 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
49	84640		
129	1.7	0.0	3.6
130	61.8	49.3	73.9





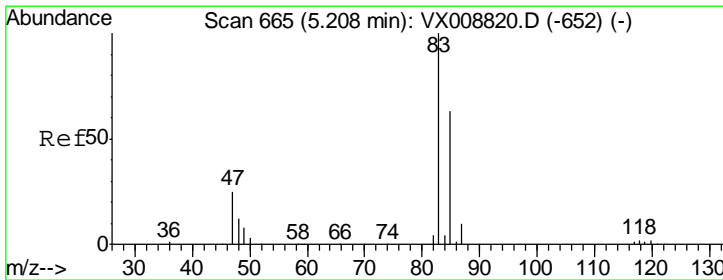
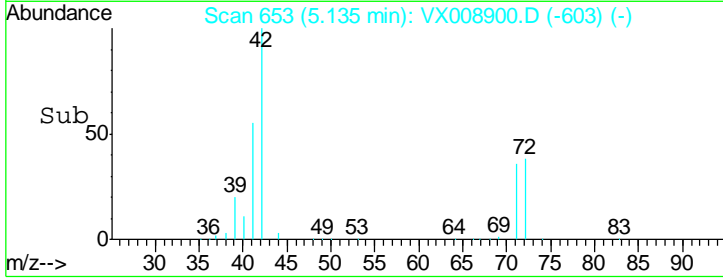
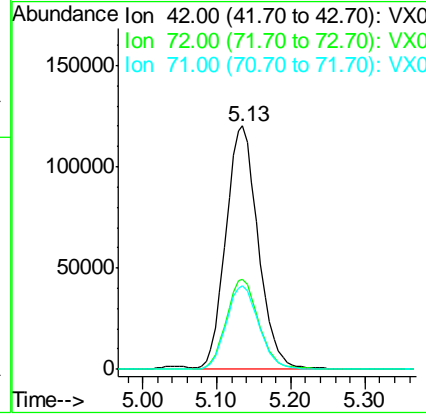
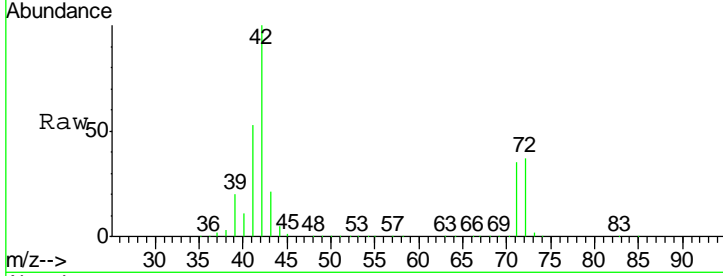
#29  
 Tetrahydrofuran  
 Concen: 262.587 ug/l  
 RT: 5.13 min Scan# 653  
 Delta R.T. 0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
42	100		
72	37.7	30.5	45.7
71	34.9	28.6	43.0

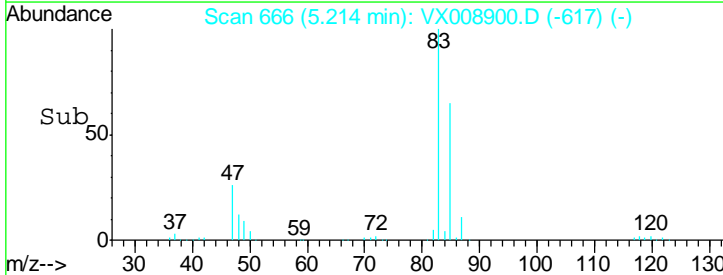
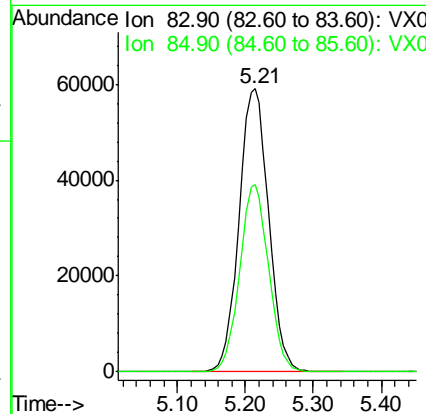
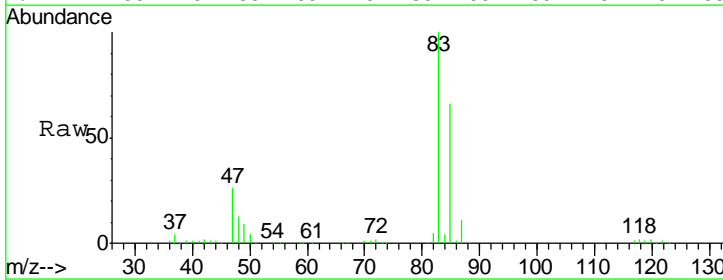
Manual Integrations  
 APPROVED

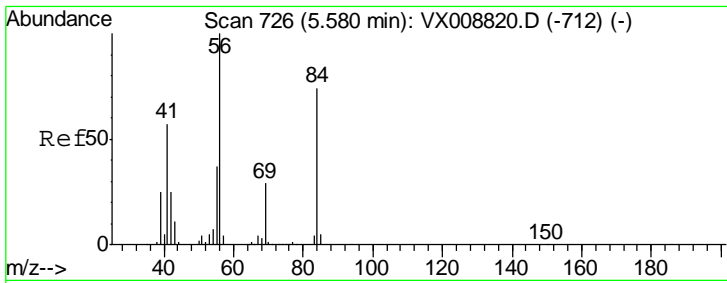
MMDadoda  
 4/13/2019 2:11:53 PM



#30  
 Chloroform  
 Concen: 50.740 ug/l  
 RT: 5.21 min Scan# 666  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
83	100		
85	66.4	52.1	78.1





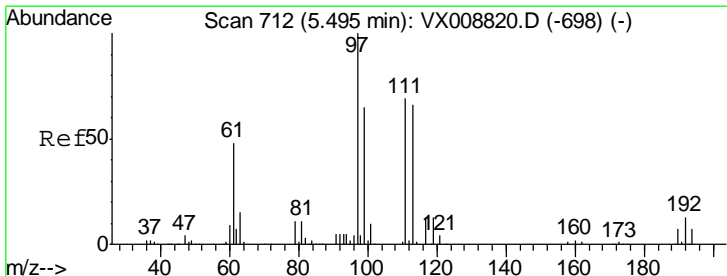
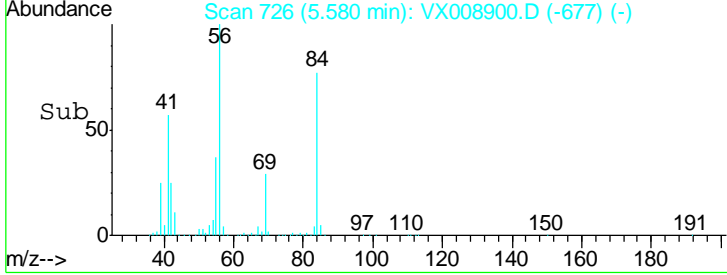
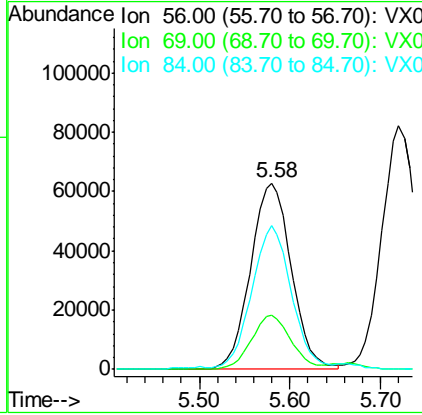
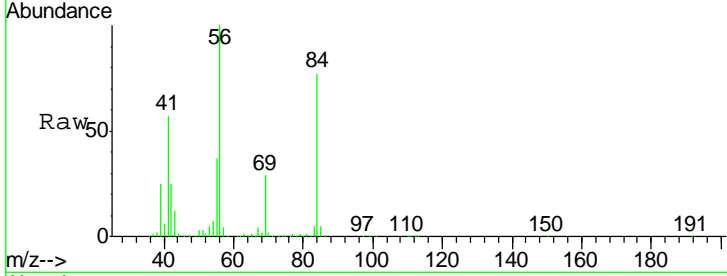
#31  
 Cyclohexane  
 Concen: 49.717 ug/l  
 RT: 5.58 min Scan# 726  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
56	195473		
69	28.8	22.6	33.8
84	76.1	59.3	88.9

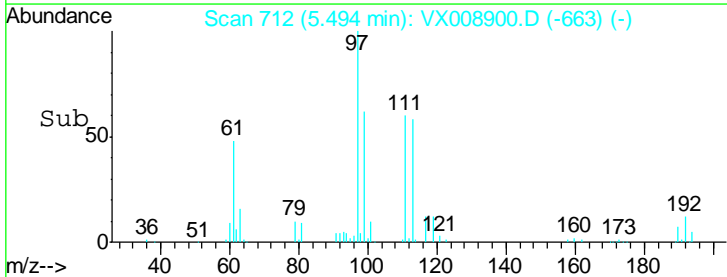
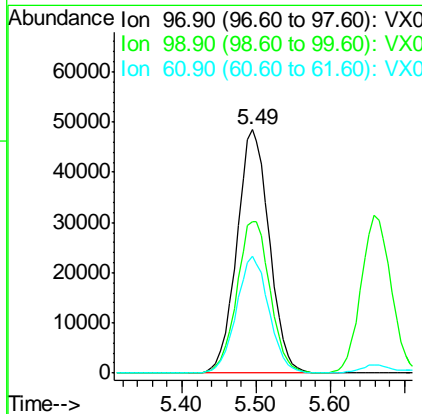
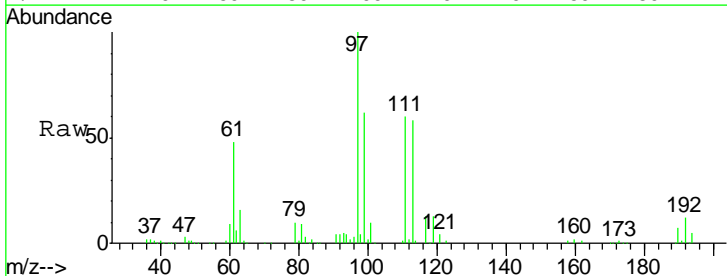
Manual Integrations  
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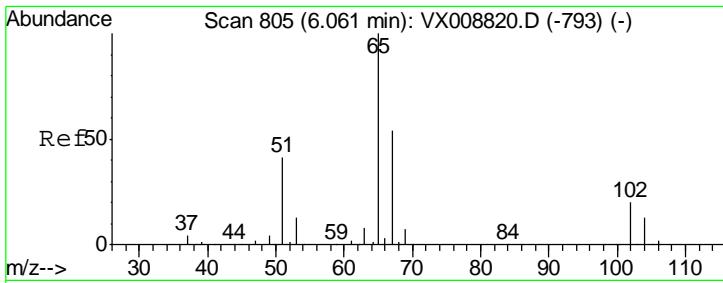
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 4/13/2019 2:11:53 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 51.980 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
97	147828		
99	64.0	51.3	76.9
61	48.3	38.9	58.3





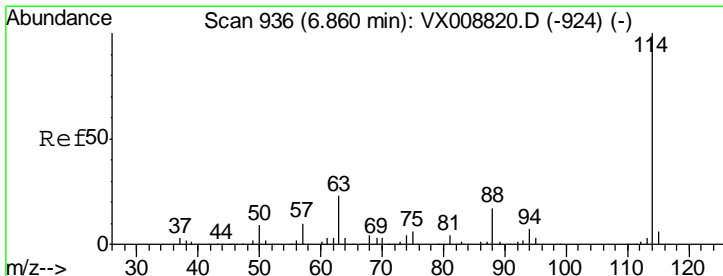
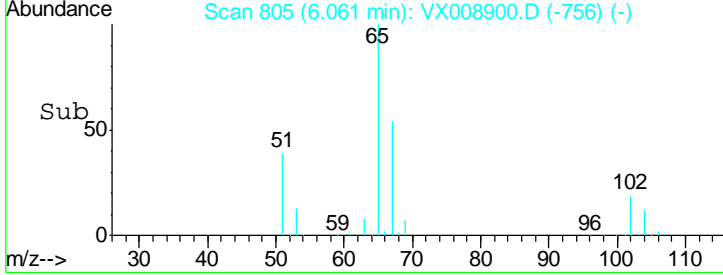
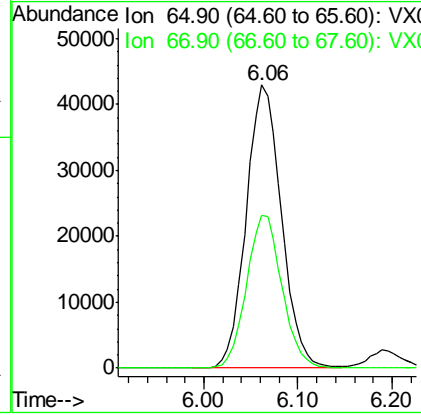
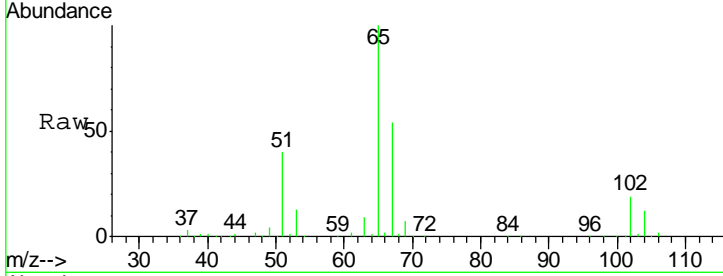
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.463 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion: 65 Resp: 112558

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.2

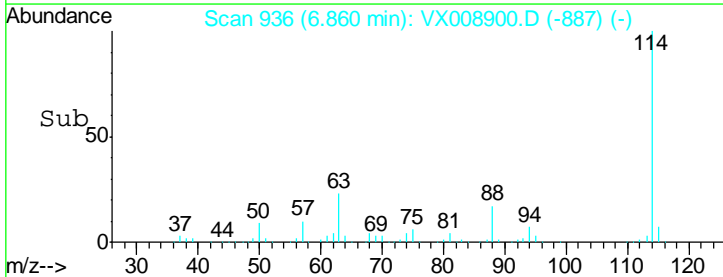
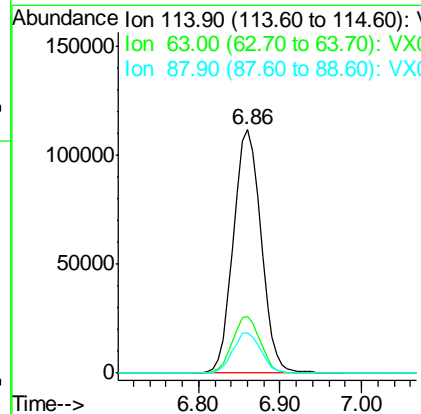
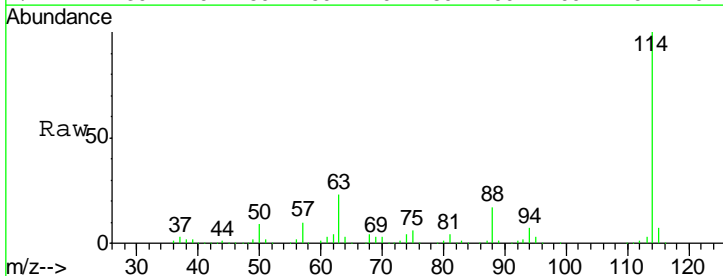
Manual Integrations  
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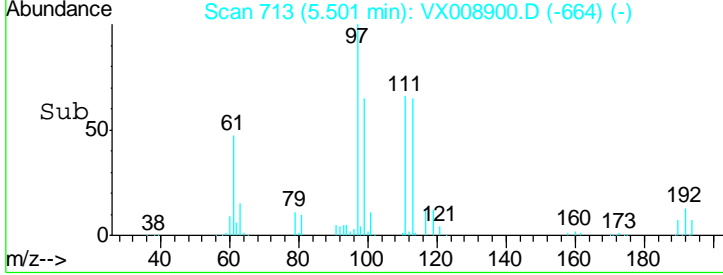
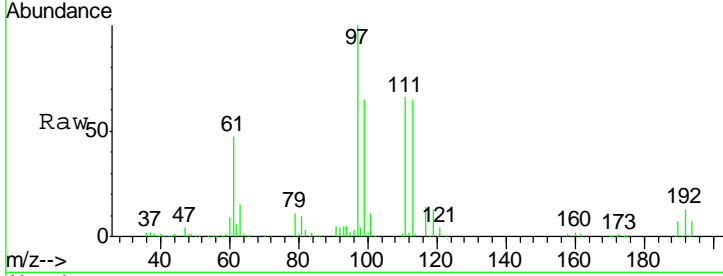
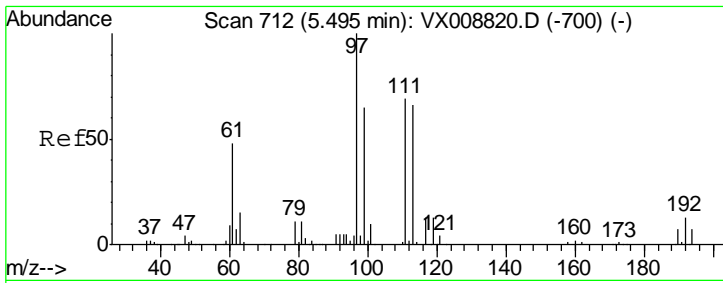


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 114 Resp: 262245

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	47.2
88	16.7	0.0	34.0



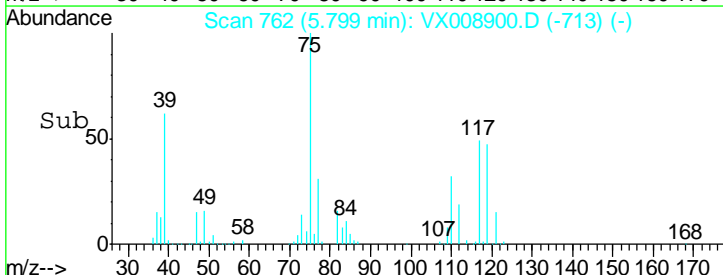
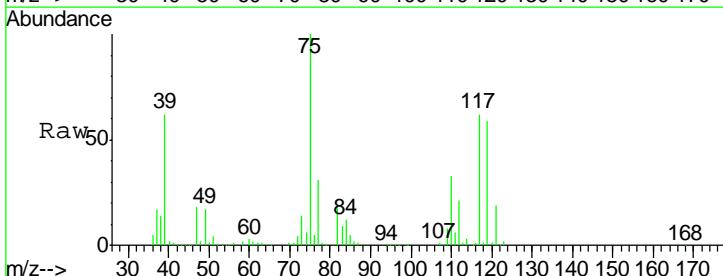
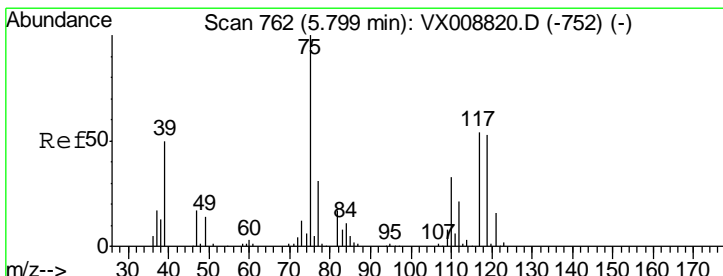
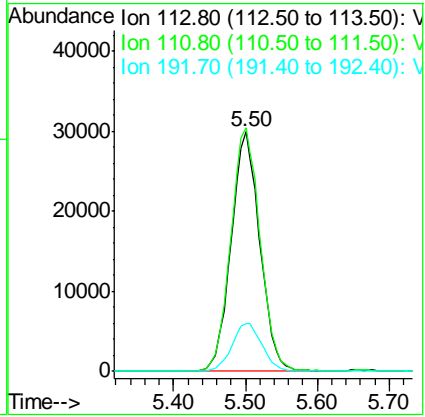


#35  
 Dibromofluoromethane  
 Concen: 49.447 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
113	82908		
113	100		
111	103.7	83.4	125.2
192	21.0	16.1	24.1

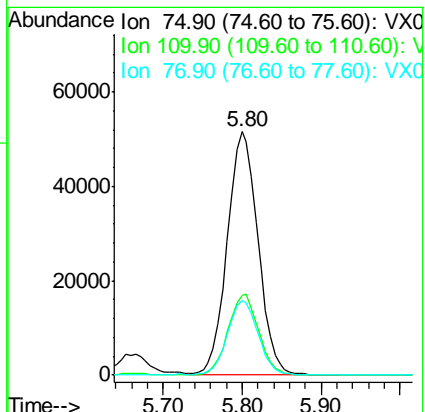
Instrument : MSVOA\_X  
 ClientSampled : VX008900.D  
 VSTDCCC050EC

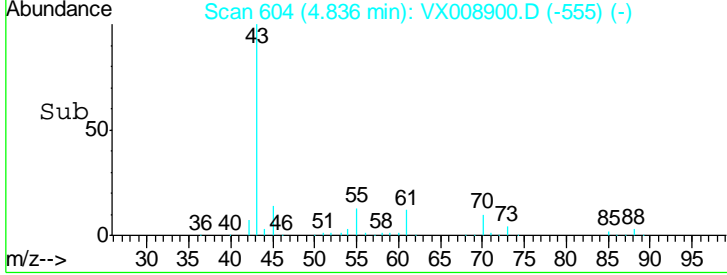
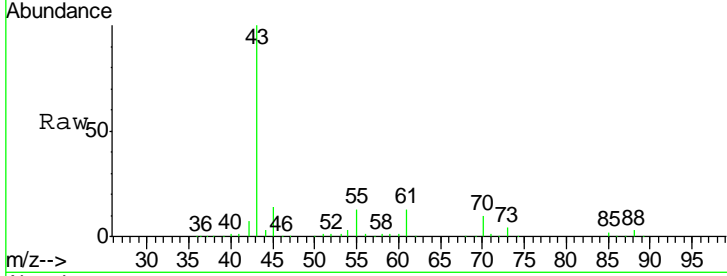
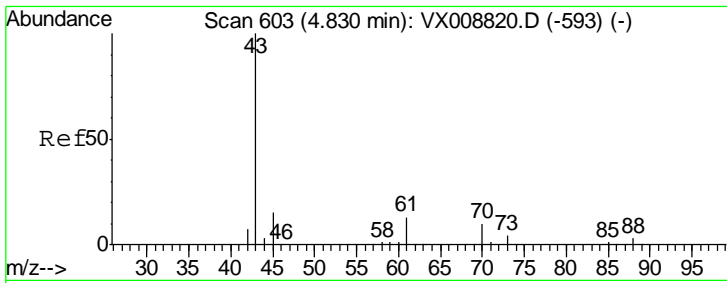
Manual Integrations  
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#36  
 1,1-Dichloropropene  
 Concen: 48.606 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
75	139335		
75	100		
110	33.2	16.4	49.2
77	30.9	24.7	37.1



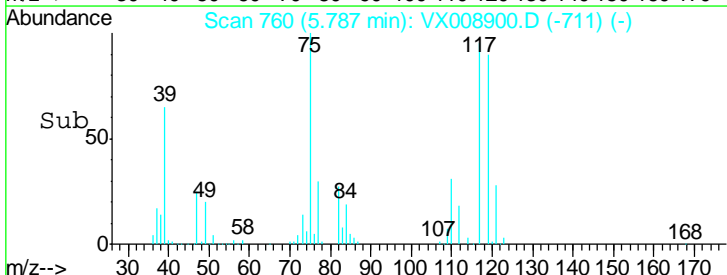
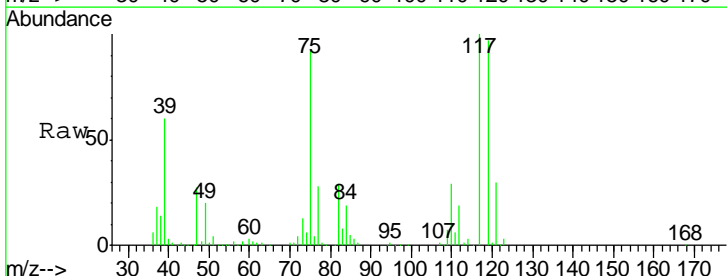
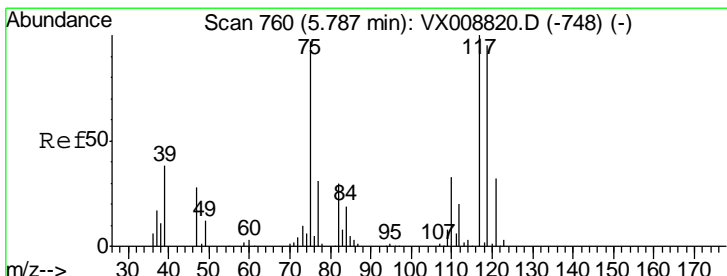
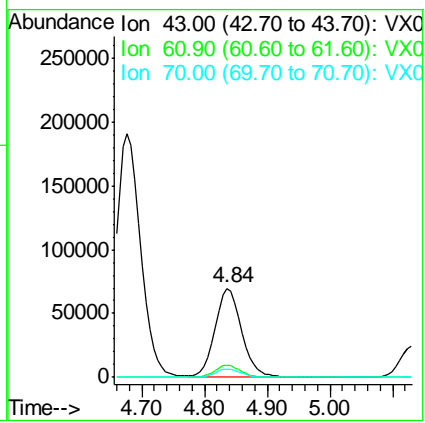


#37  
Ethyl Acetate  
Concen: 53.443 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VX008900.D  
Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
43	100		
61	12.9	10.3	15.5
70	9.5	7.6	11.4

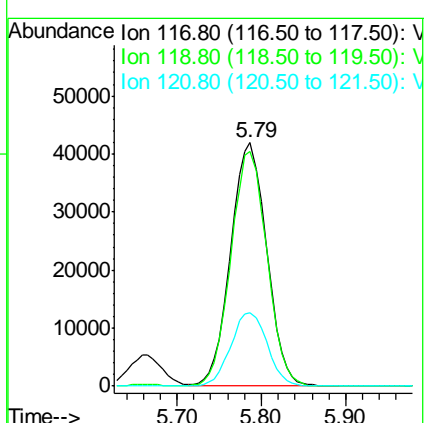
Instrument : MSVOA\_X  
ClientSampled : VX008900.D  
VSTDCCC050EC

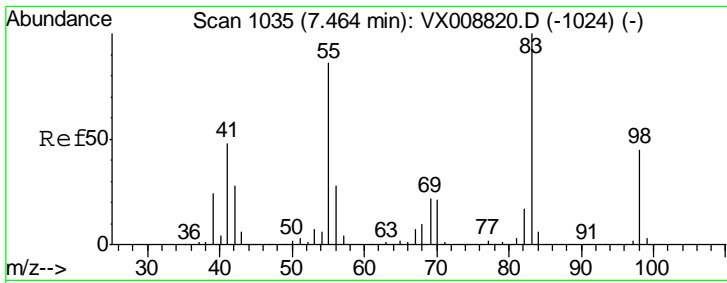
Manual Integrations  
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#38  
Carbon Tetrachloride  
Concen: 51.376 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX008900.D  
Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
117	100		
119	96.5	75.0	112.6
121	30.2	24.3	36.5





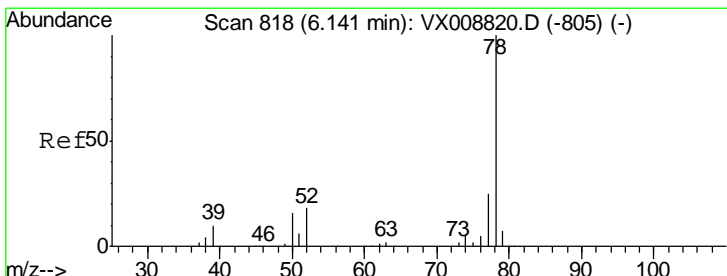
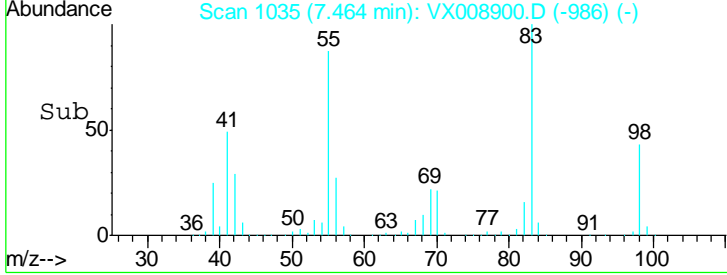
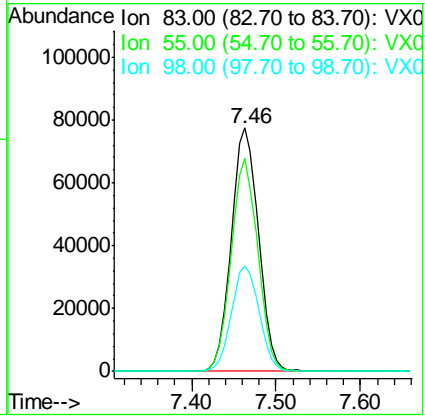
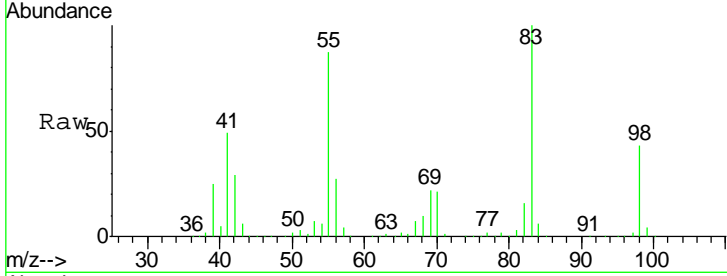
#39  
 Methylcyclohexane  
 Concen: 47.725 ug/l  
 RT: 7.46 min Scan# 1035  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion: 83 Resp: 169004

Ion	Ratio	Lower	Upper
83	100		
55	87.5	69.0	103.6
98	43.1	34.4	51.6

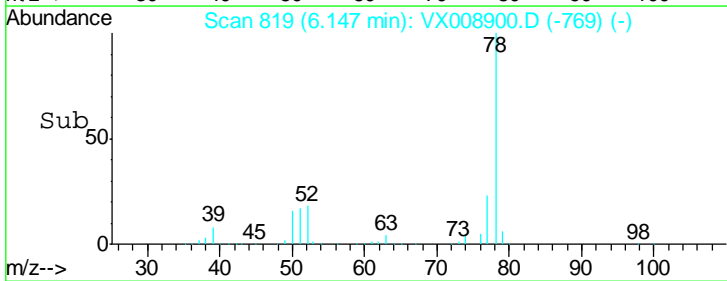
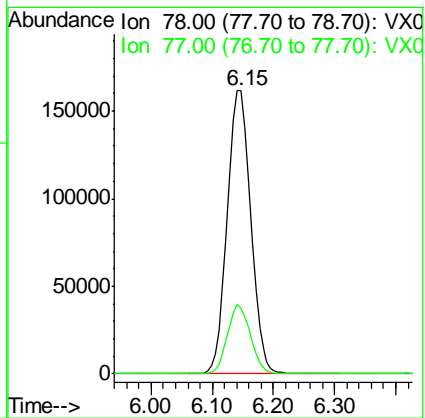
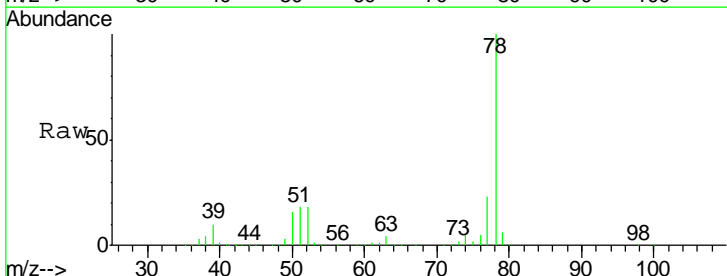
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



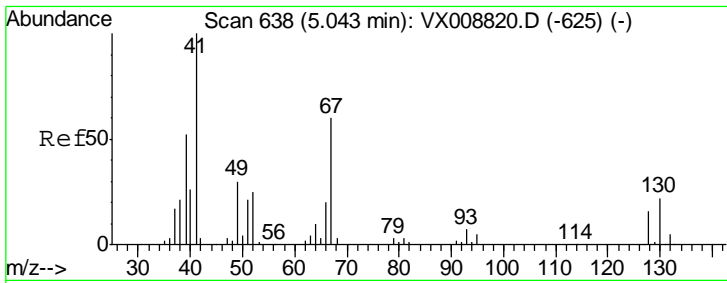
#40  
 Benzene  
 Concen: 50.228 ug/l  
 RT: 6.15 min Scan# 819  
 Delta R.T. 0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 78 Resp: 428945

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7

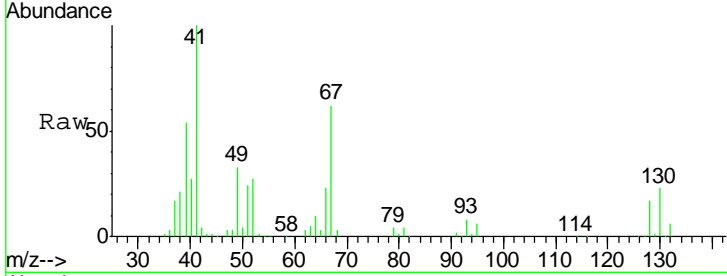






#41  
 Methacrylonitrile  
 Concen: 51.142 ug/l  
 RT: 5.04 min Scan# 638  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

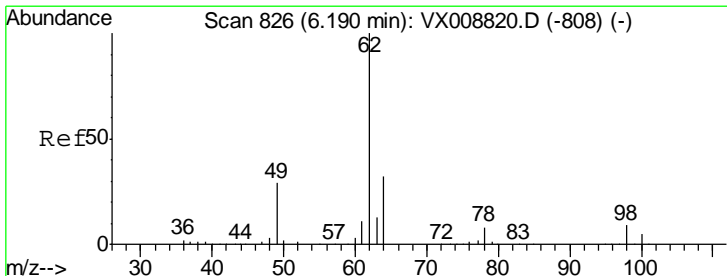
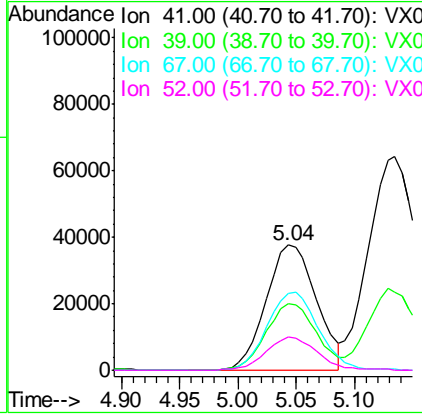
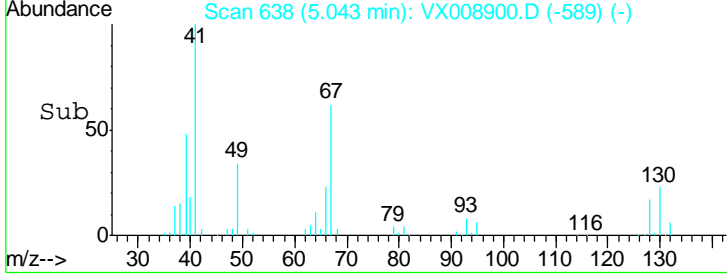
Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC



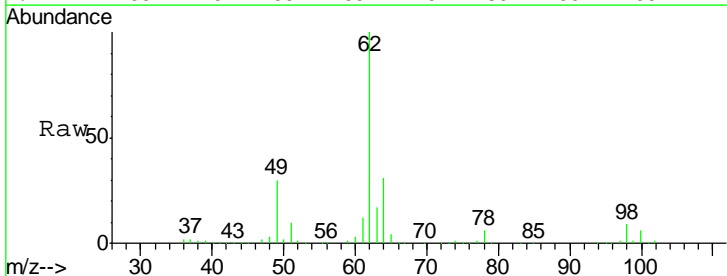
Tgt Ion: 41 Resp: 112481

Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.1	63.1
67	64.0	51.0	76.6
52	27.4	21.4	32.0

Manual Integrations  
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 MMDadoda  
 4/13/2019 2:11:53 PM

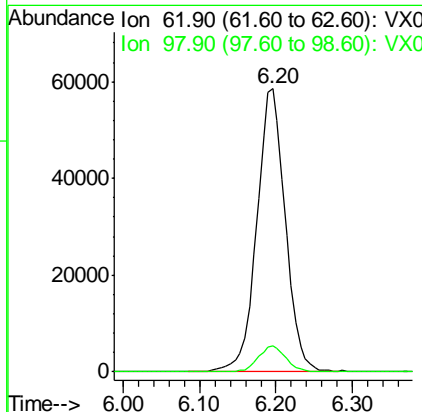
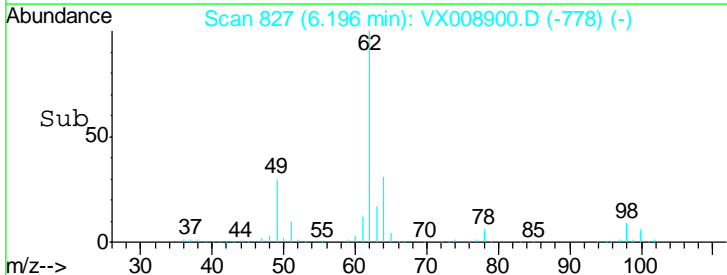


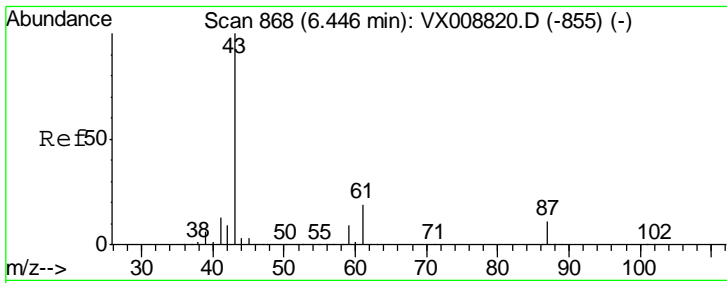
#42  
 1,2-Dichloroethane  
 Concen: 49.848 ug/l  
 RT: 6.20 min Scan# 827  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34



Tgt Ion: 62 Resp: 152613

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0





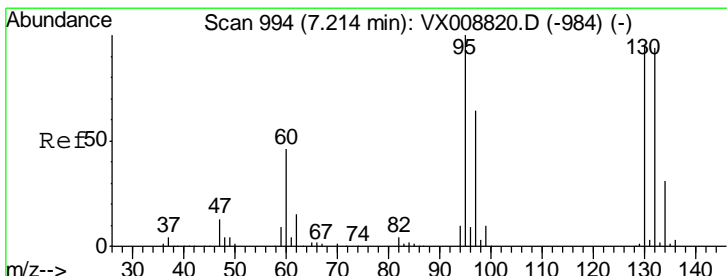
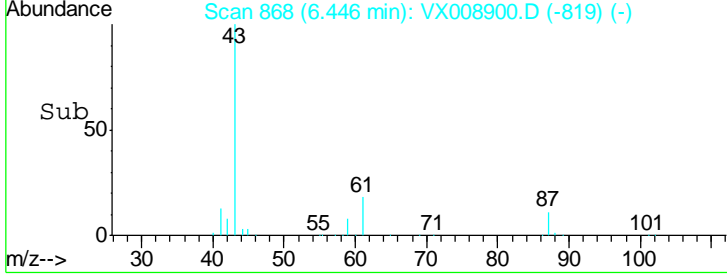
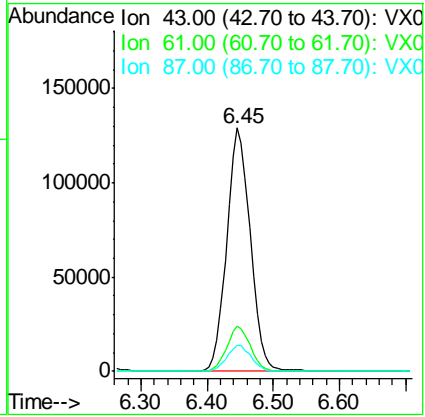
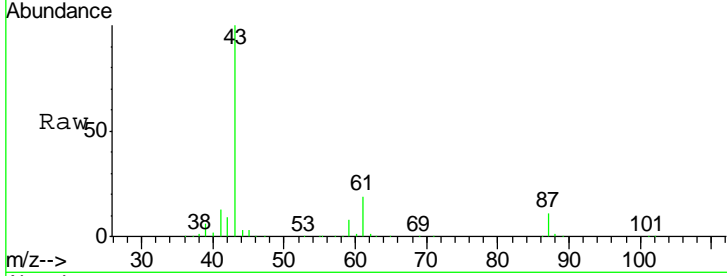
#43  
 Isopropyl Acetate  
 Concen: 52.841 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion: 43 Resp: 316724

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.3	22.9
87	11.1	9.0	13.6

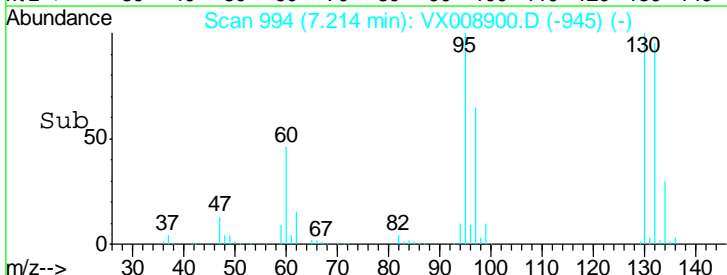
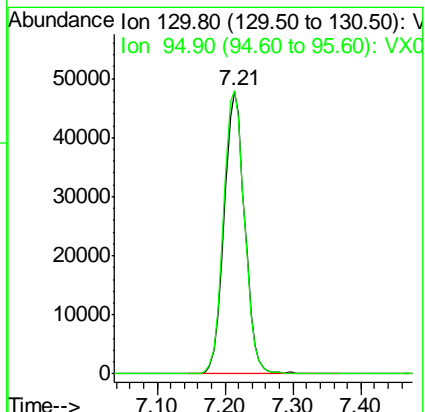
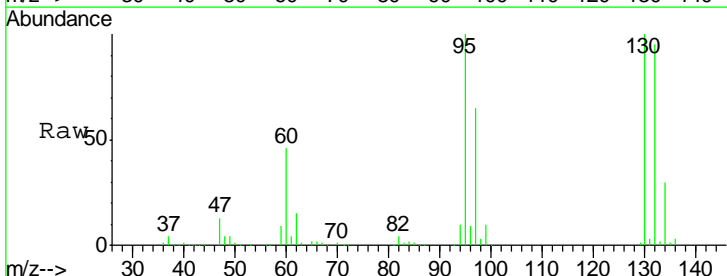
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM

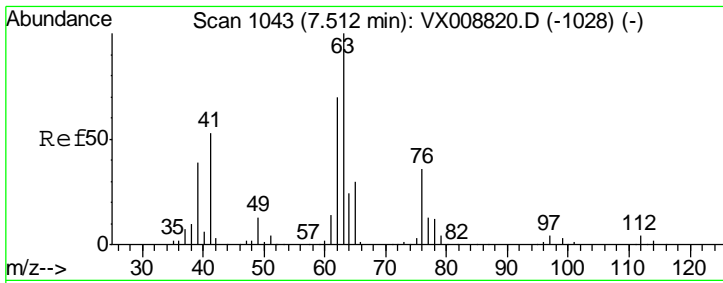


#44  
 Trichloroethene  
 Concen: 50.504 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 130 Resp: 100452

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	209.8



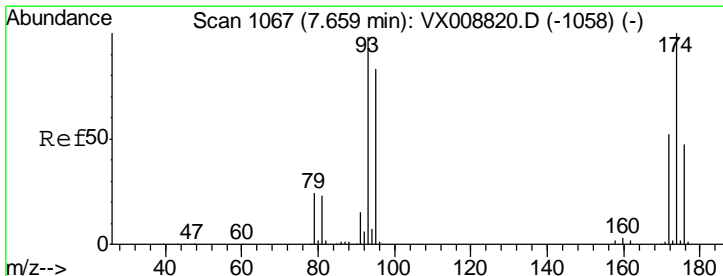
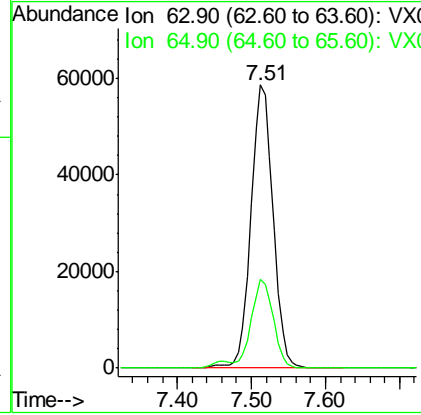
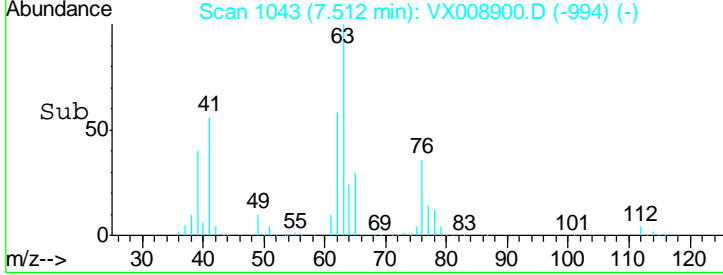
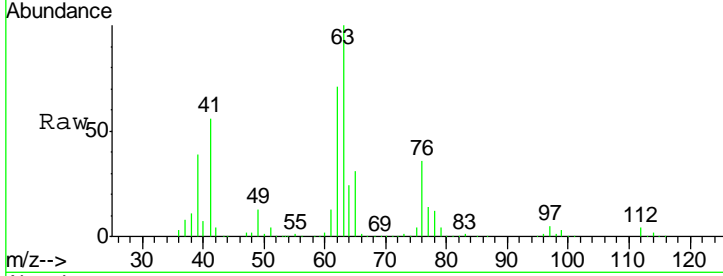


#45  
 1,2-Dichloropropane  
 Concen: 50.387 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

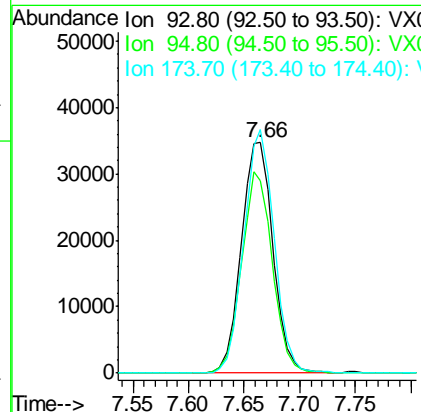
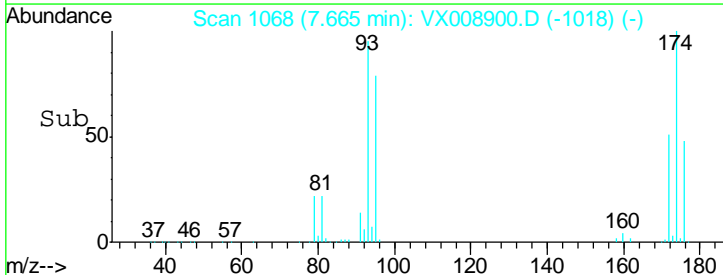
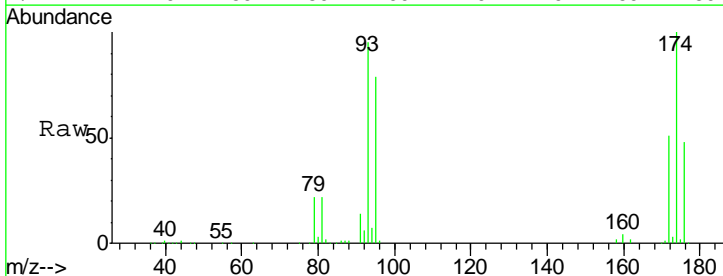
Tgt Ion: 63 Resp: 122818  
 Ion Ratio Lower Upper  
 63 100  
 65 31.4 24.2 36.4

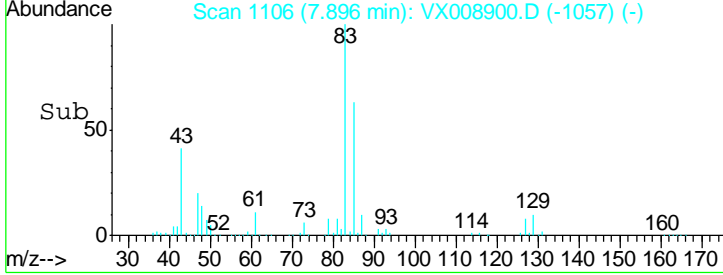
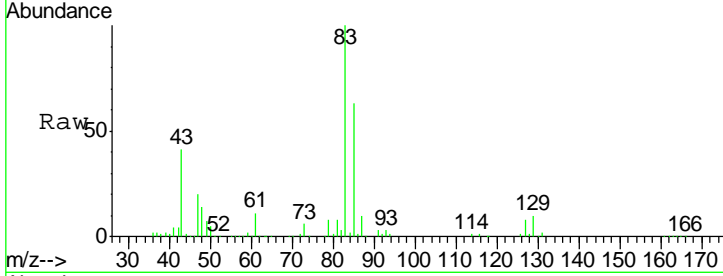
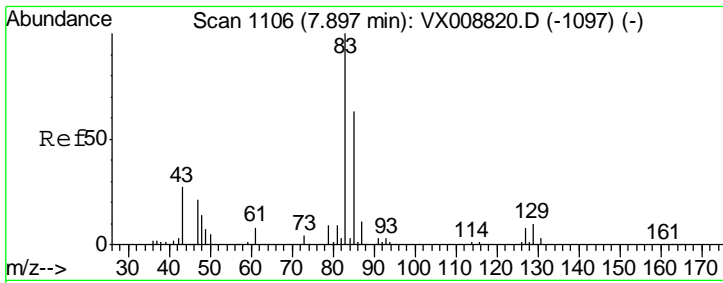
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#46  
 Dibromomethane  
 Concen: 48.457 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 93 Resp: 68505  
 Ion Ratio Lower Upper  
 93 100  
 95 84.6 66.6 99.8  
 174 101.4 77.7 116.5



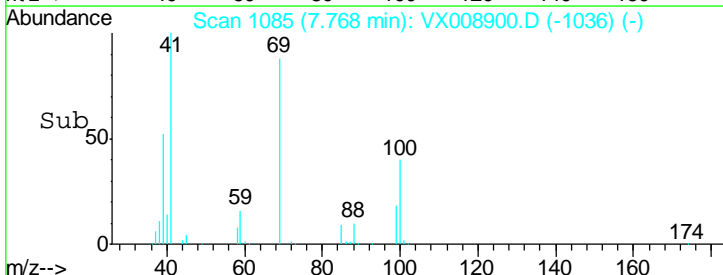
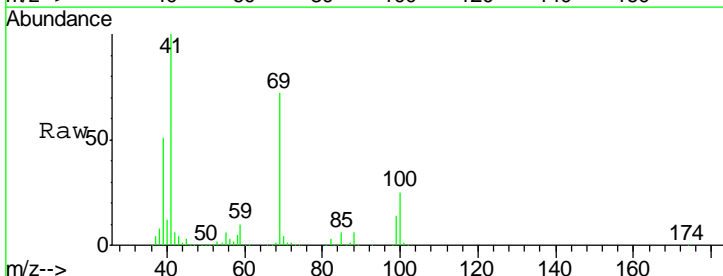
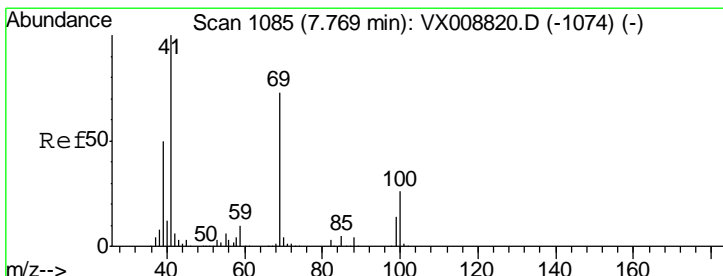
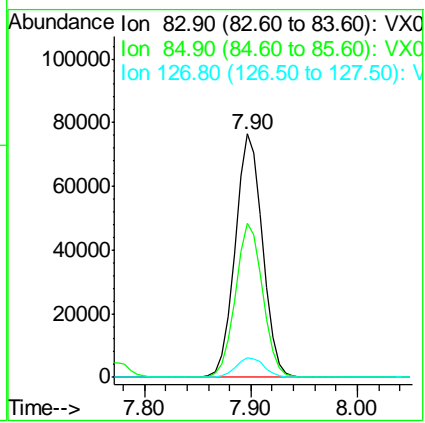


#47  
 Bromodichloromethane  
 Concen: 51.653 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
83	100		
85	63.0	51.2	76.8
127	8.0	6.6	10.0

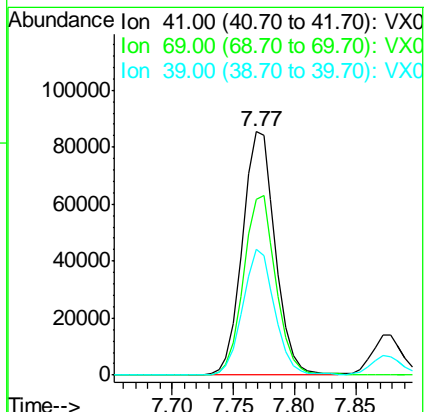
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

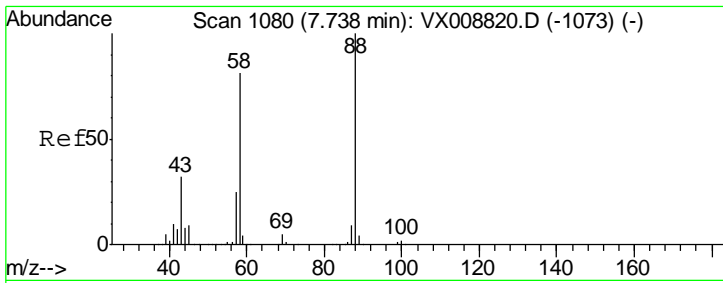
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#48  
 Methyl methacrylate  
 Concen: 52.394 ug/l  
 RT: 7.77 min Scan# 1085  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
41	100		
69	73.1	59.0	88.4
39	50.6	41.0	61.4





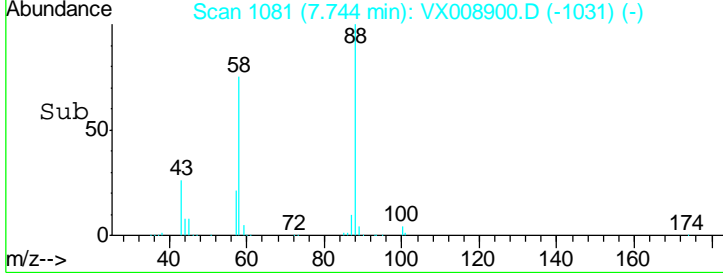
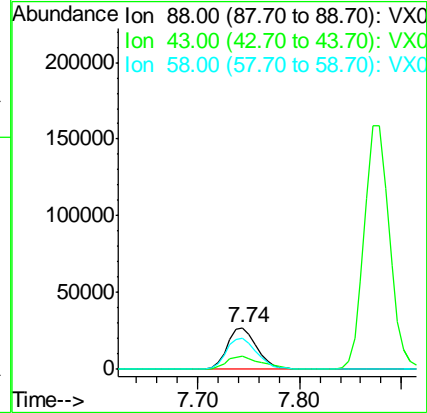
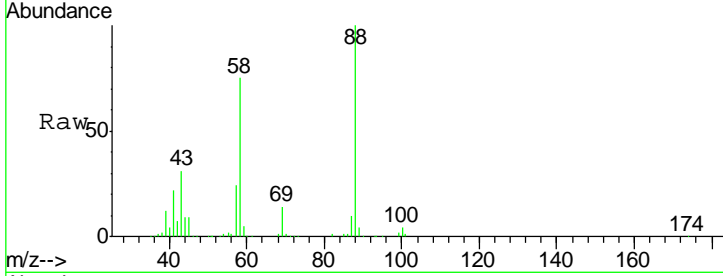
#49  
 1,4-Dioxane  
 Concen: 974.181 ug/l  
 RT: 7.74 min Scan# 1081  
 Delta R.T. 0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
88	55332		
88	100		
43	36.5	28.6	43.0
58	78.2	62.2	93.2

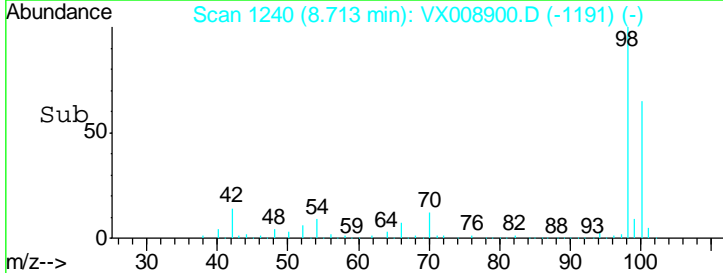
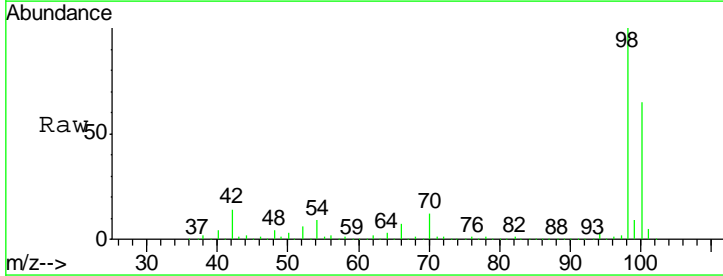
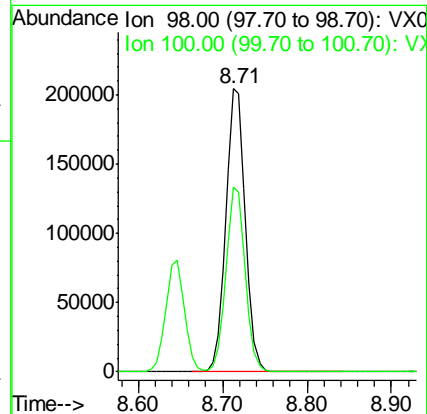
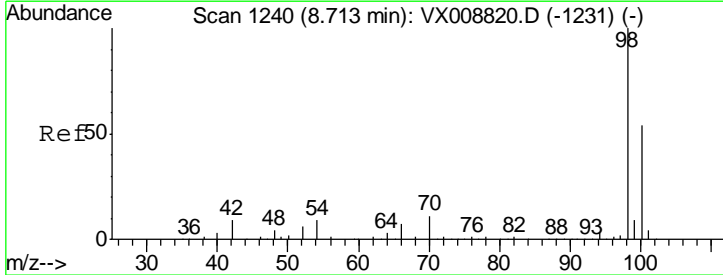
Manual Integrations  
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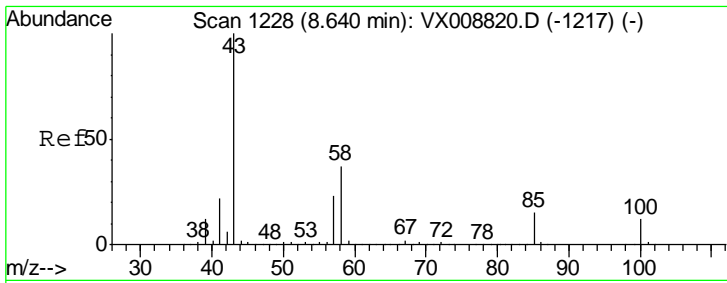
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 4/13/2019 2:11:53 PM



#50  
 Toluene-d8  
 Concen: 48.724 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
98	325286		
98	100		
100	64.7	51.4	77.0





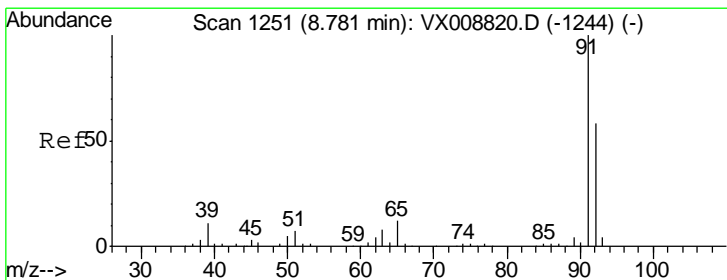
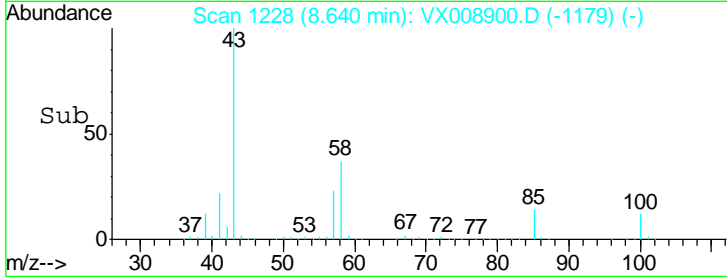
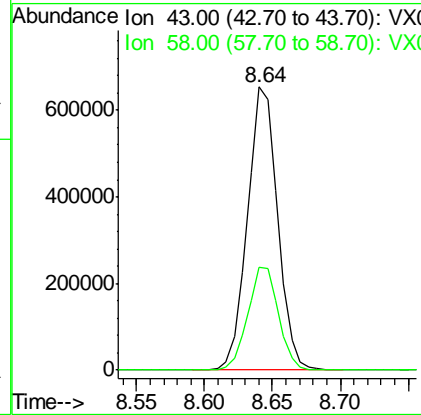
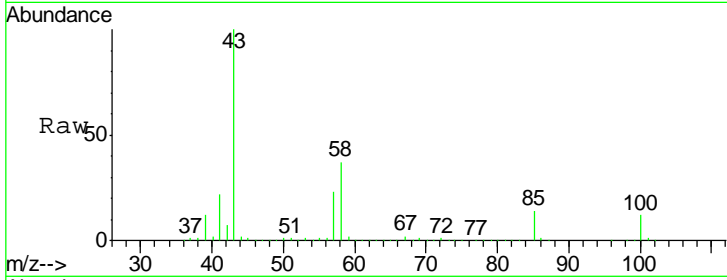
#51  
 4-Methyl-2-Pentanone  
 Concen: 263.241 ug/l  
 RT: 8.64 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion: 43 Resp: 1015717

Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.5	44.3

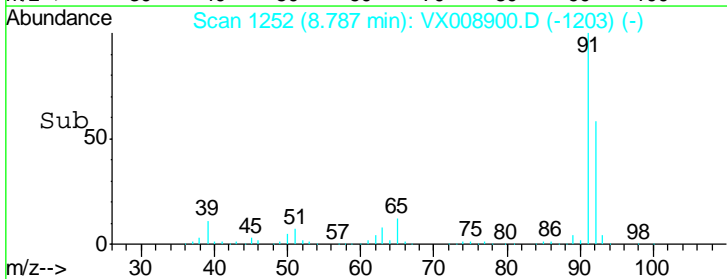
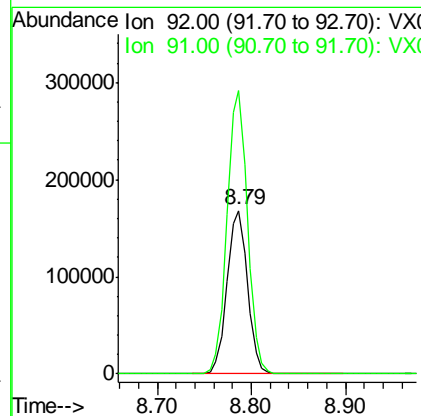
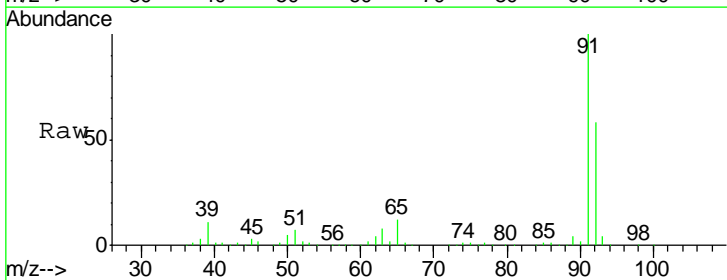
Manual Integrations  
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 MMDadoda  
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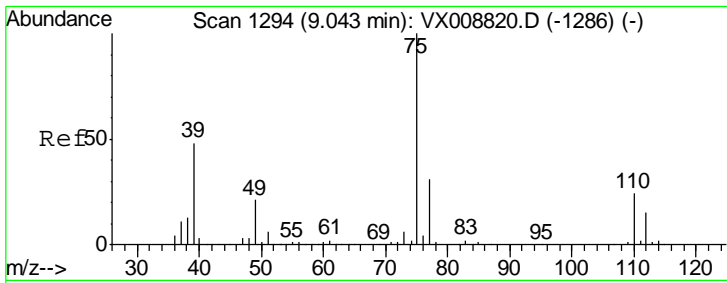


#52  
 Toluene  
 Concen: 50.211 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 92 Resp: 252799

Ion	Ratio	Lower	Upper
92	100		
91	173.0	138.5	207.7



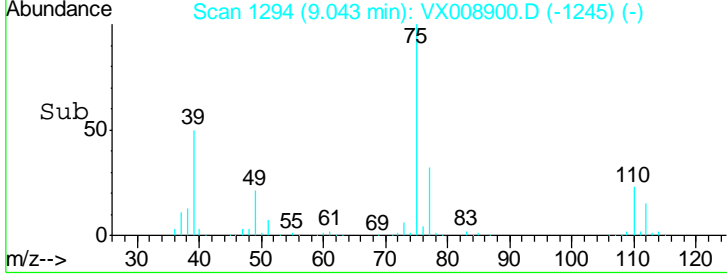
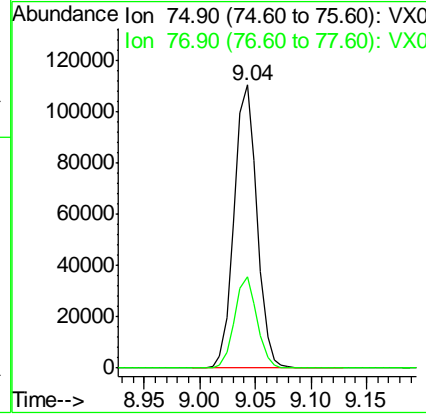
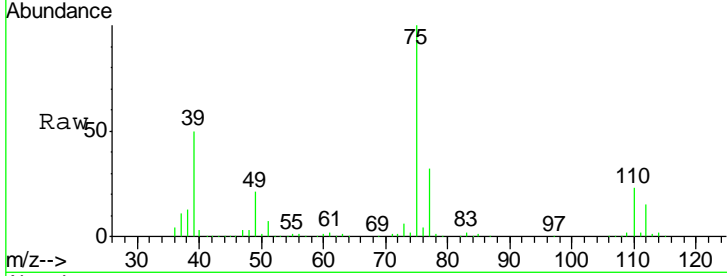


#53  
 t-1,3-Dichloropropene  
 Concen: 52.643 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

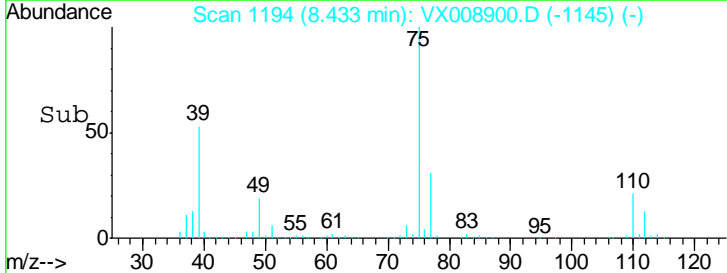
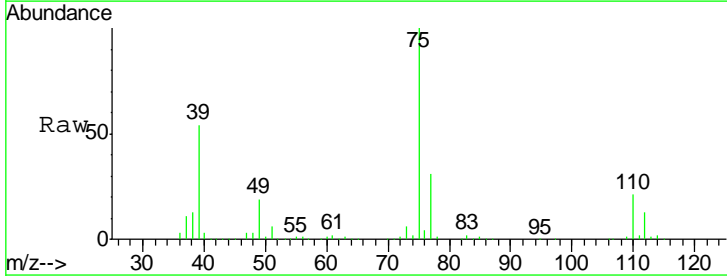
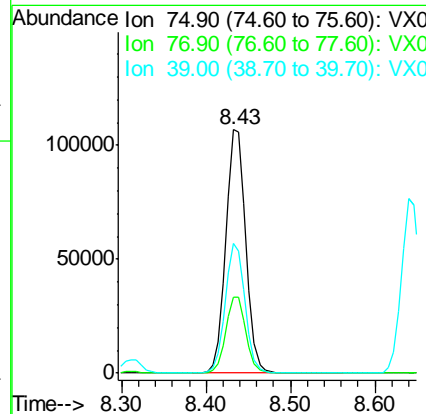
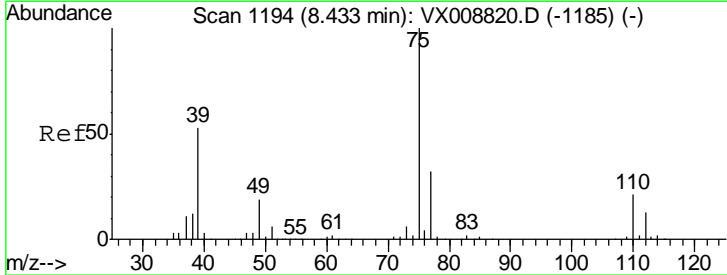
Tgt Ion: 75 Resp: 157184  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.2 37.8

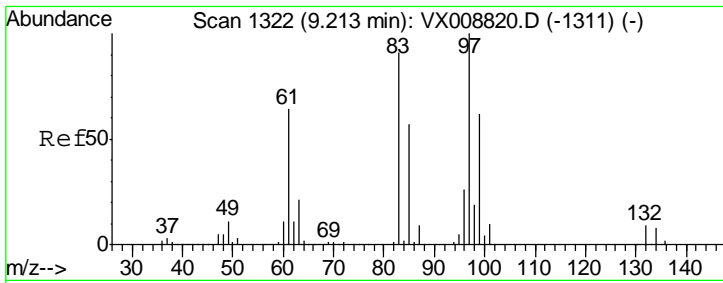
Manual Integrations APPROVED  
 MMDadoda  
 4/13/2019 2:11:53 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.331 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 75 Resp: 175129  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.3 37.9  
 39 53.4 42.6 63.8





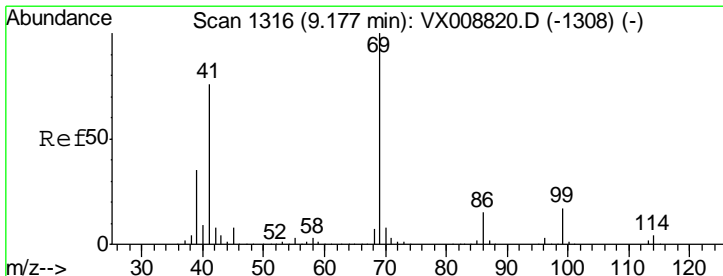
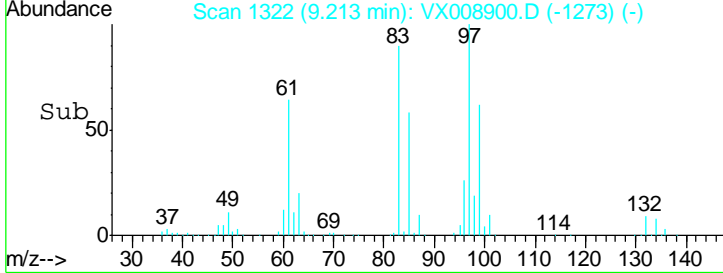
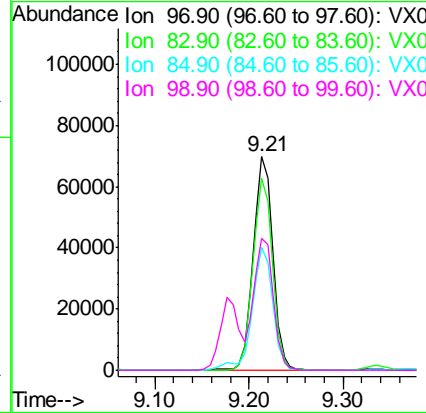
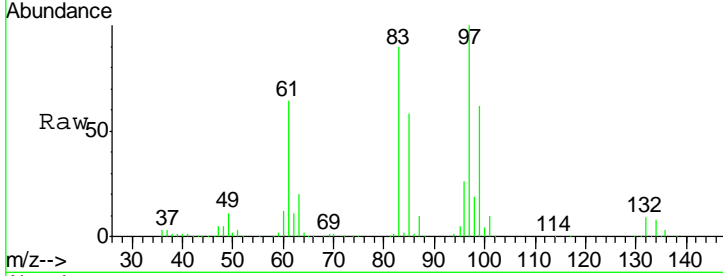
#55  
 1,1,2-Trichloroethane  
 Concen: 50.713 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
97	102490		
83	90.2	73.2	109.8
85	57.7	46.6	69.8
99	61.9	50.1	75.1

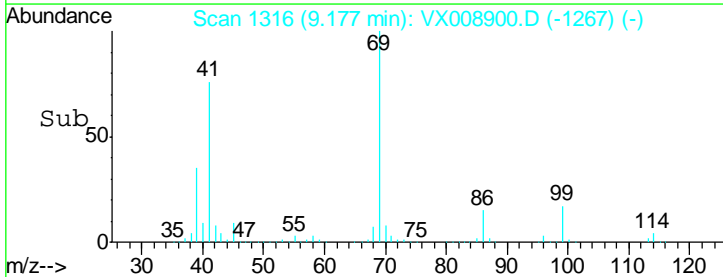
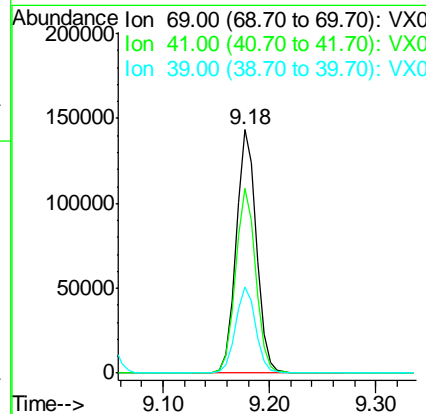
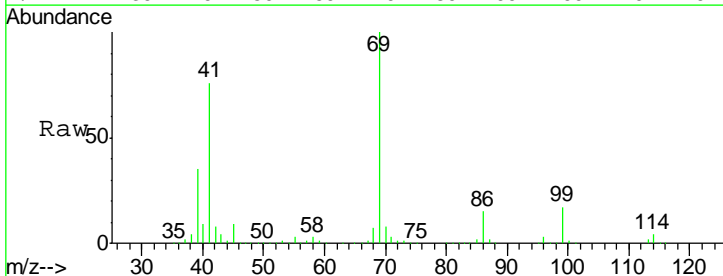
Manual Integrations  
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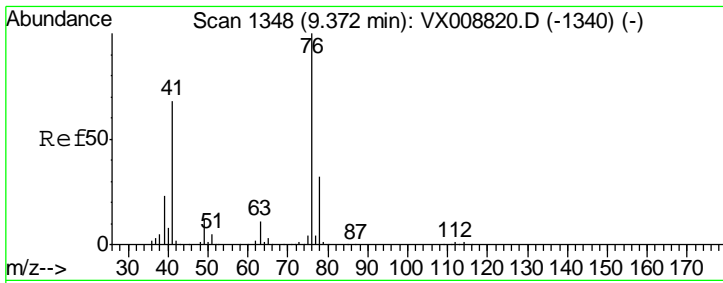


#56  
 Ethyl methacrylate  
 Concen: 52.422 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
69	191688		
41	75.5	60.1	90.1
39	35.2	28.9	43.3





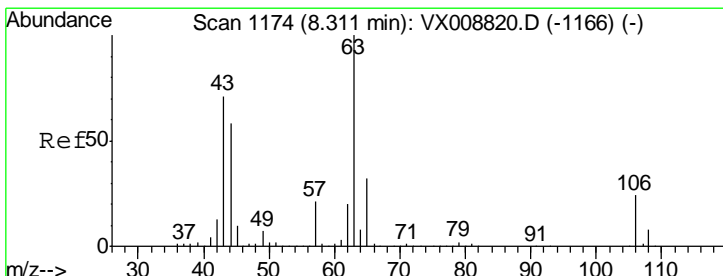
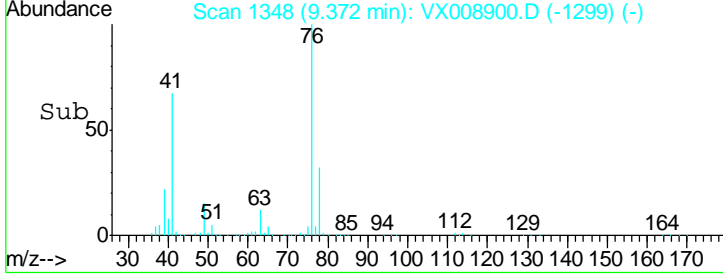
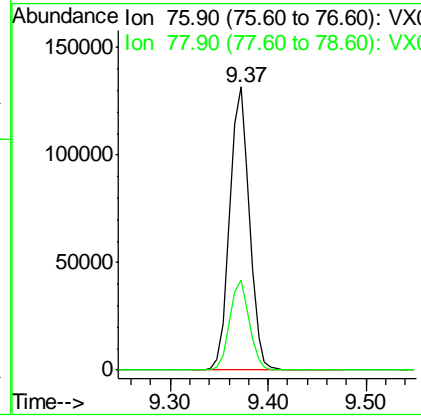
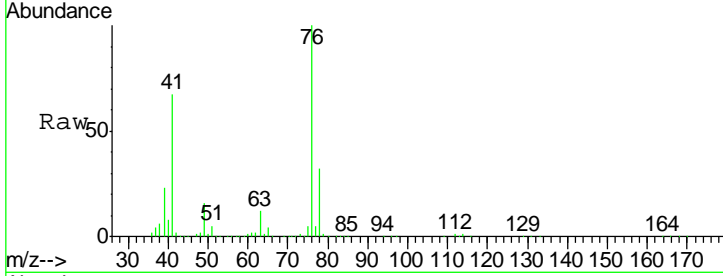


#57  
 1,3-Dichloropropane  
 Concen: 50.771 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

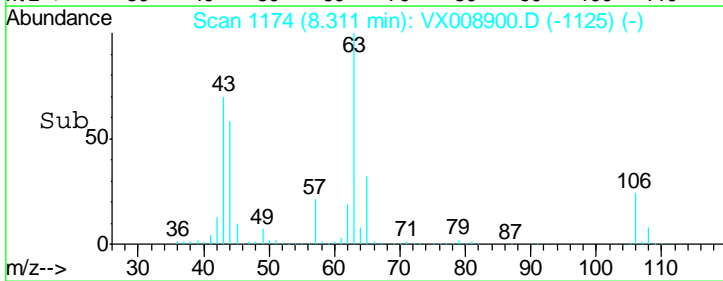
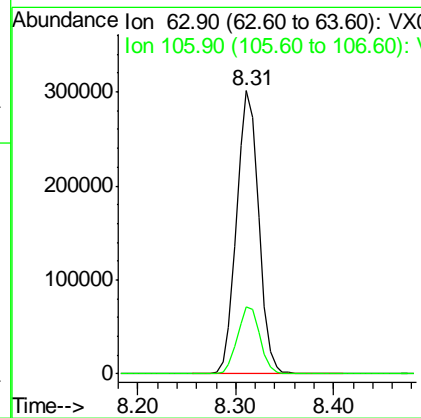
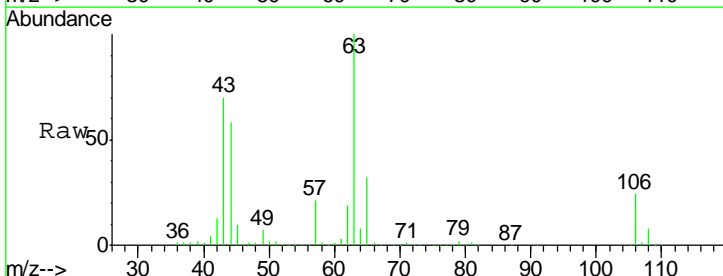
Tgt Ion	Resp	Lower	Upper
76	184247		
76	100		
78	31.8	25.6	38.4

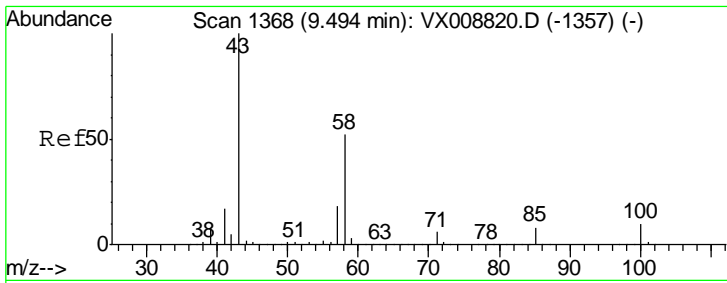
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 253.326 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
63	472993		
63	100		
106	24.0	19.0	28.6



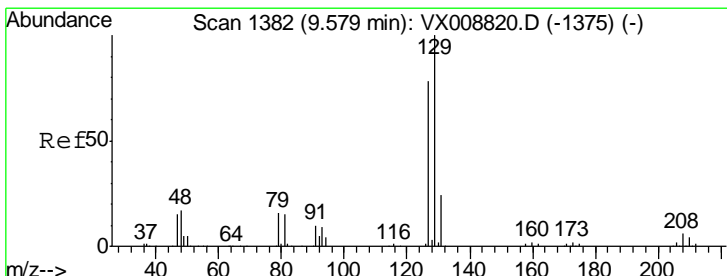
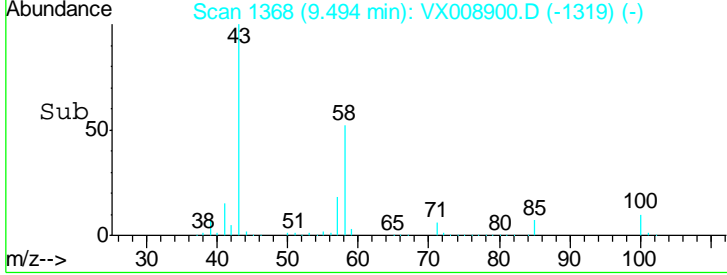
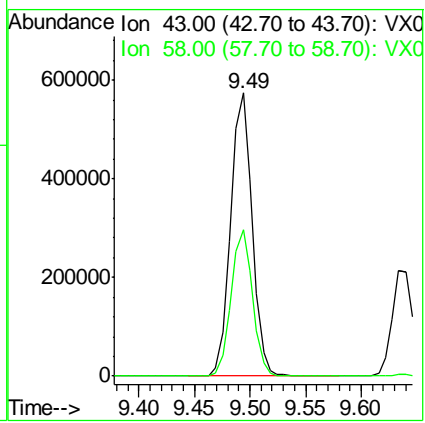
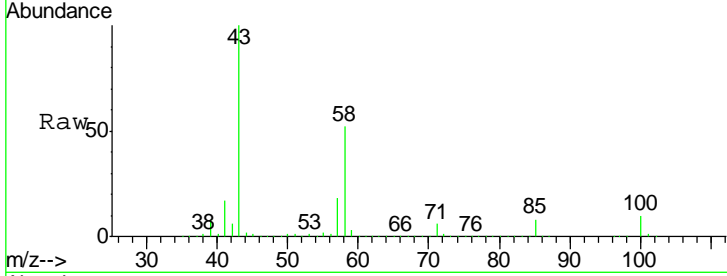


#59  
 2-Hexanone  
 Concen: 255.342 ug/l  
 RT: 9.49 min Scan# 1368  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

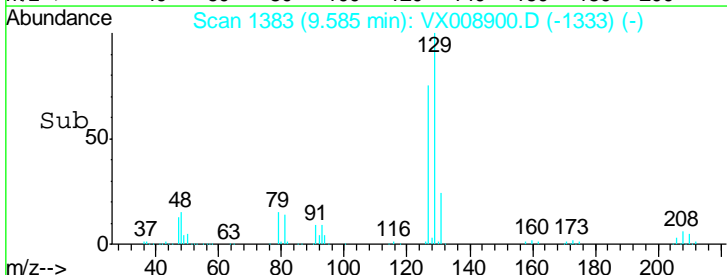
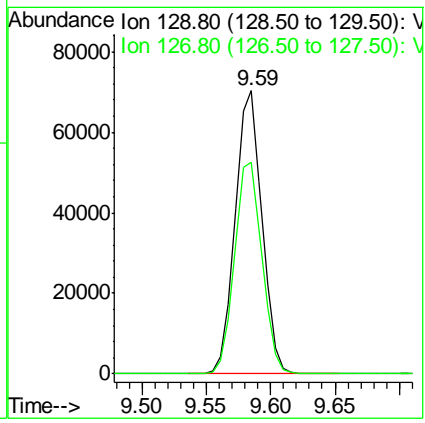
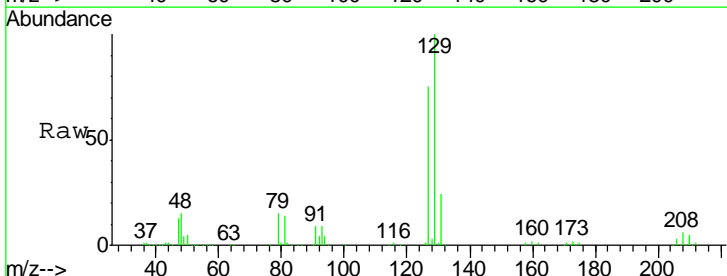
Tgt Ion: 43 Resp: 765676  
 Ion Ratio Lower Upper  
 43 100  
 58 51.7 25.9 77.7

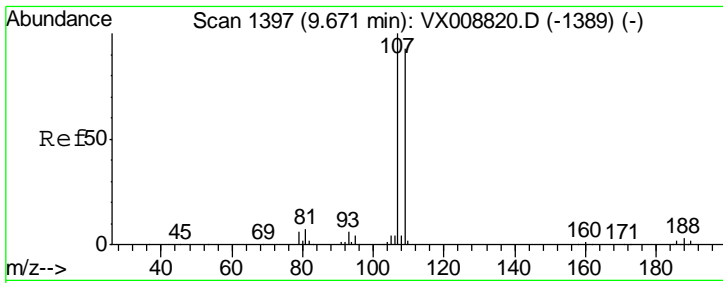
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#60  
 Dibromochloromethane  
 Concen: 53.435 ug/l  
 RT: 9.59 min Scan# 1383  
 Delta R.T. 0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 129 Resp: 101762  
 Ion Ratio Lower Upper  
 129 100  
 127 76.8 38.5 115.3



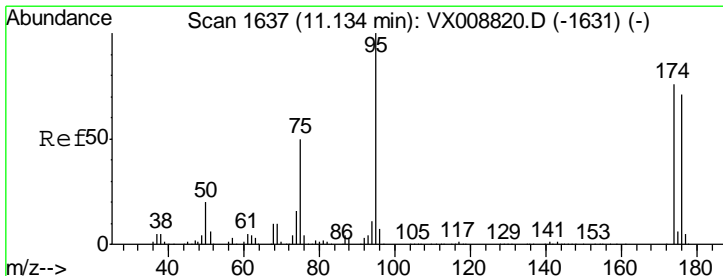
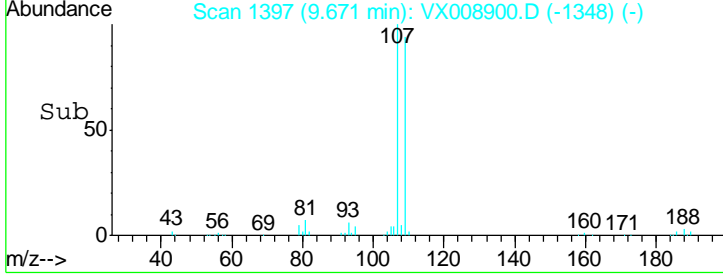
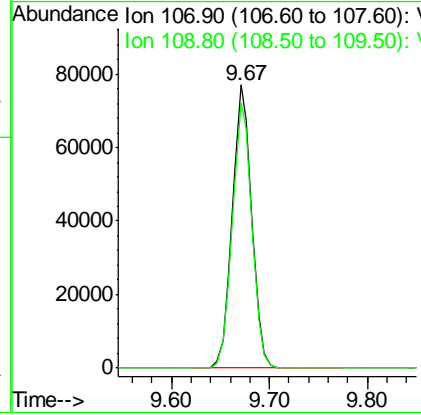
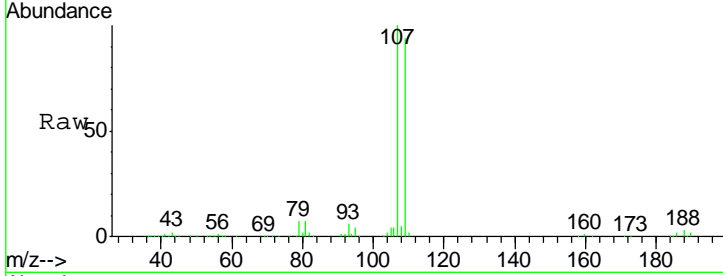


#61  
 1,2-Dibromoethane  
 Concen: 50.403 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

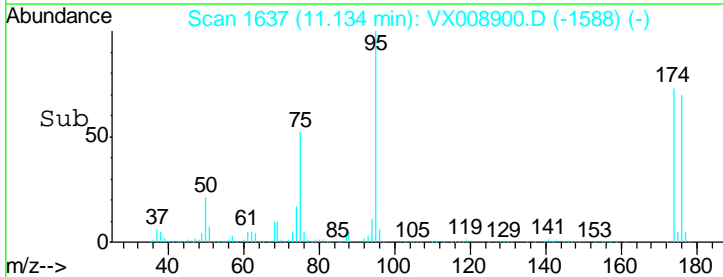
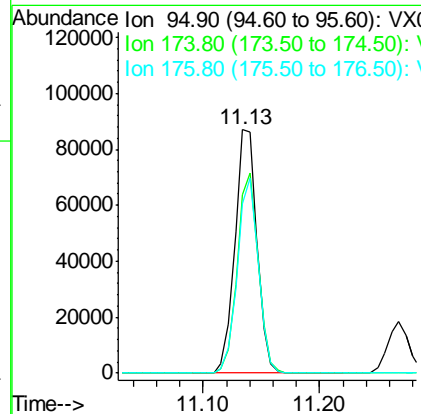
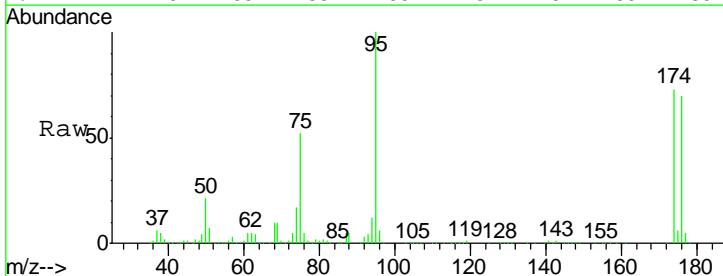
Tgt Ion	Resp	Lower	Upper
107	106043		
109	94.5	74.1	111.1

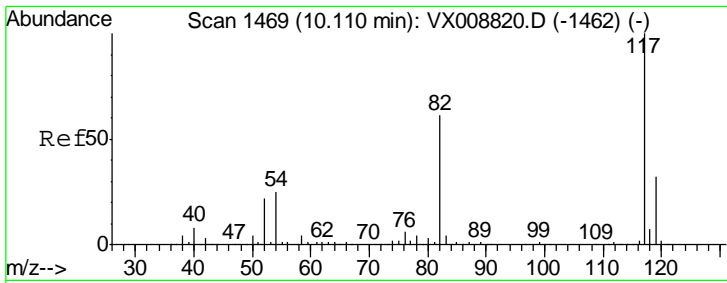
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#62  
 4-Bromofluorobenzene  
 Concen: 48.518 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

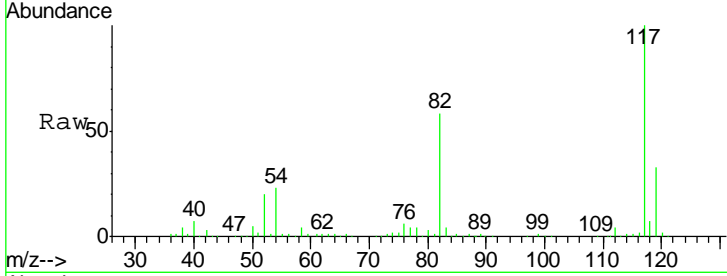
Tgt Ion	Resp	Lower	Upper
95	114866		
174	78.6	0.0	151.8
176	76.4	0.0	145.8





#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.12 min Scan# 1470  
 Delta R.T. 0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

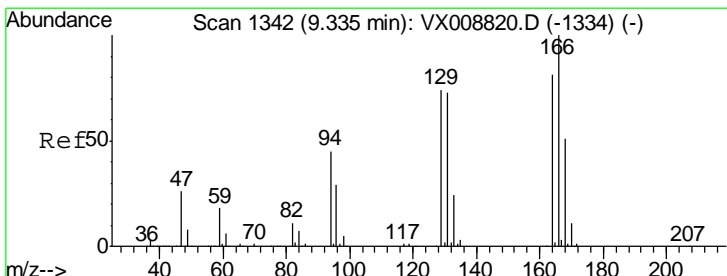
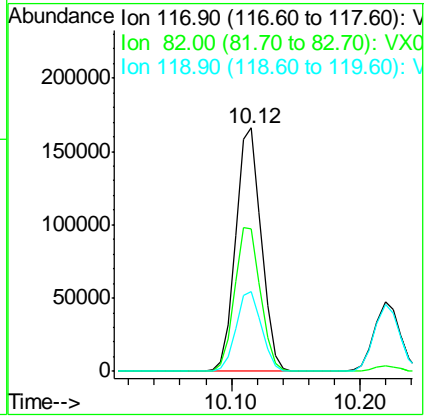
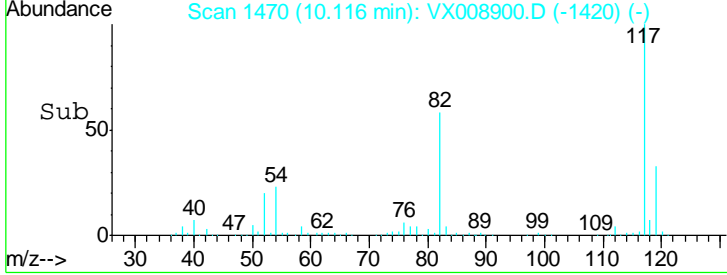
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC



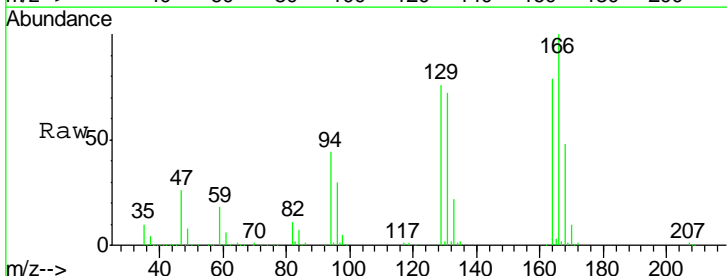
Tgt Ion: 117 Resp: 228622

Ion	Ratio	Lower	Upper
117	100		
82	58.5	49.6	74.4
119	32.8	25.0	37.4

Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM

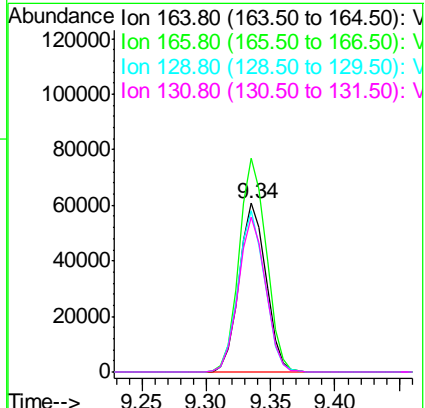
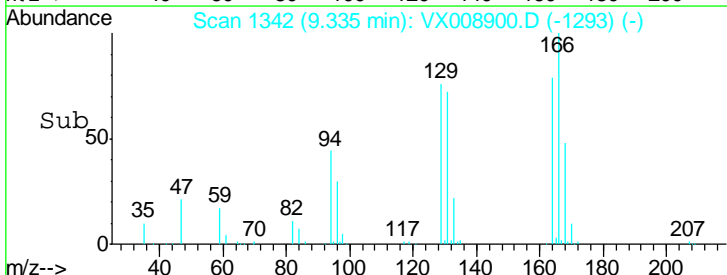


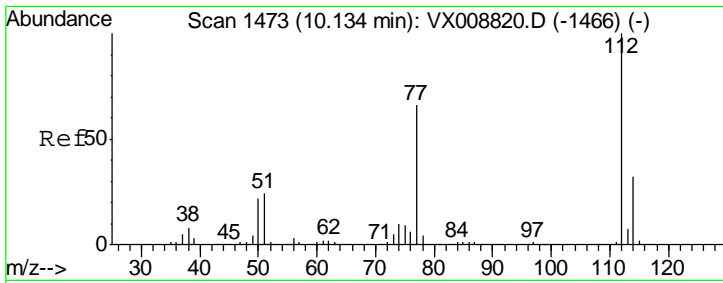
#64  
 Tetrachloroethene  
 Concen: 51.922 ug/l  
 RT: 9.34 min Scan# 1342  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34



Tgt Ion: 164 Resp: 87948

Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.0	151.6
129	95.5	75.8	113.8
131	91.4	71.8	107.8





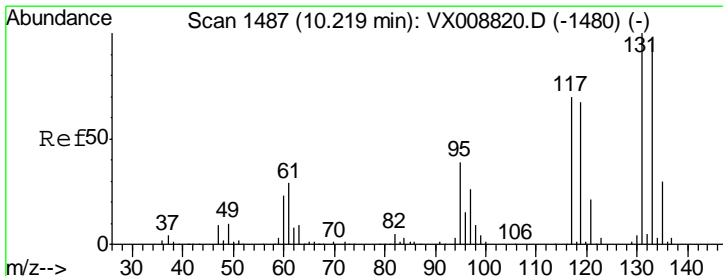
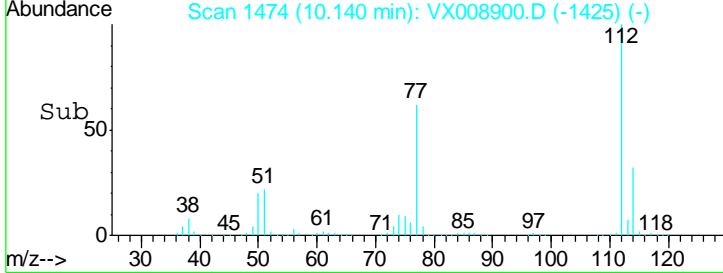
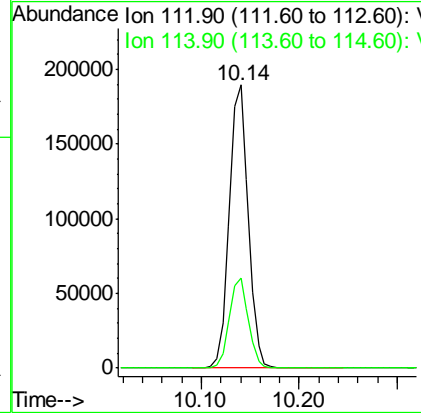
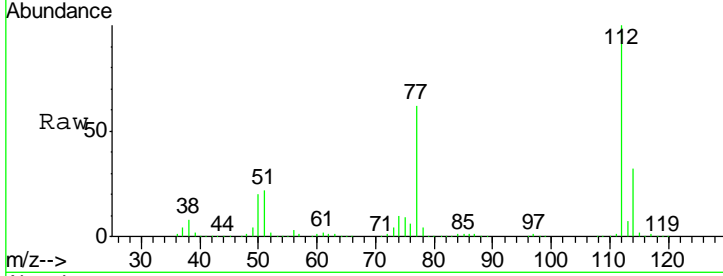
#65  
 Chlorobenzene  
 Concen: 50.152 ug/l  
 RT: 10.14 min Scan# 1474  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 Client Sampled : VSTDCCC050EC

Tgt Ion: 112 Resp: 254160

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.8	38.8

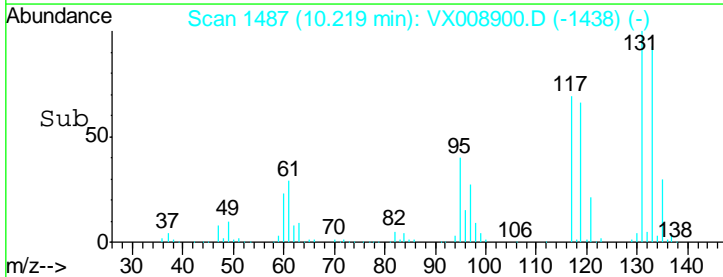
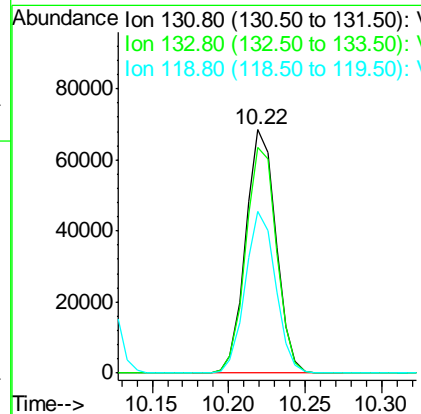
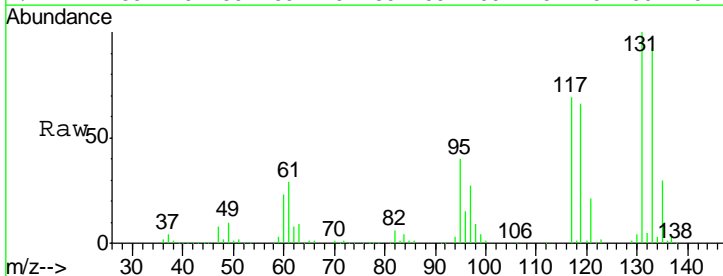
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM

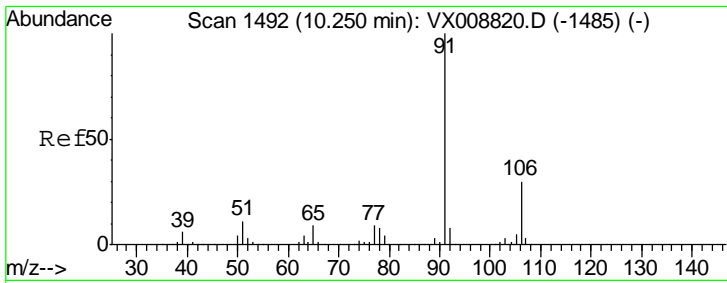


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 52.967 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 131 Resp: 94169

Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.0	141.2
119	66.2	33.7	101.0



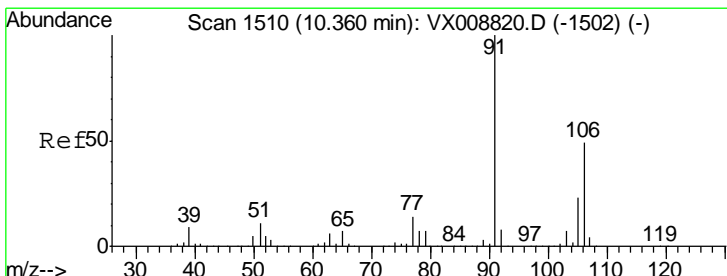
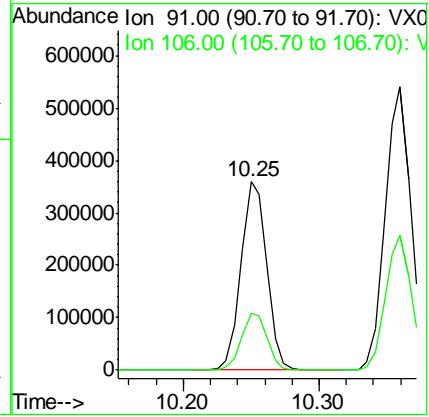
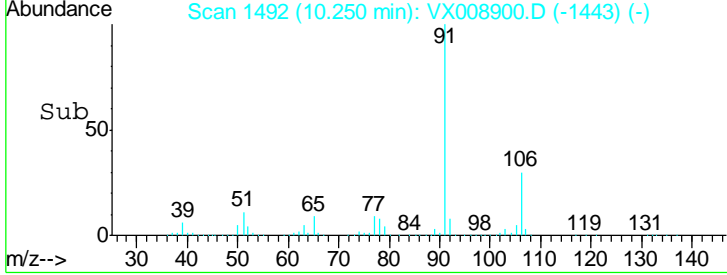
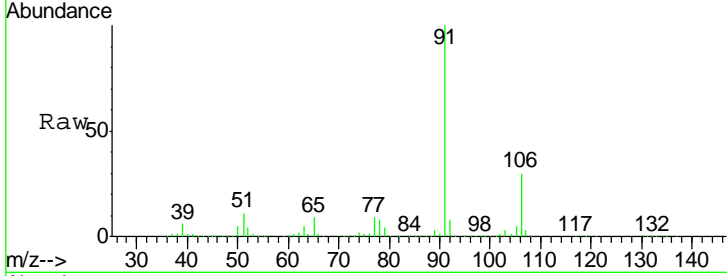


#67  
 Ethyl Benzene  
 Concen: 49.967 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

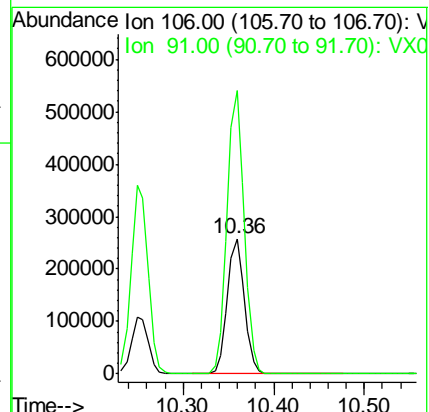
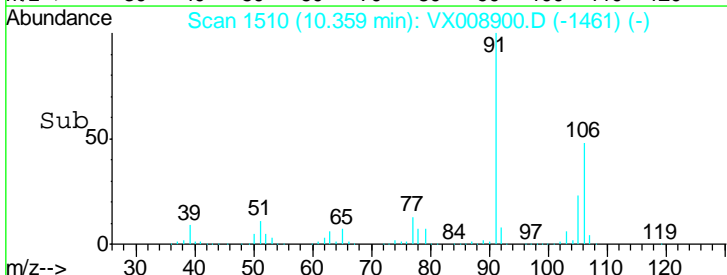
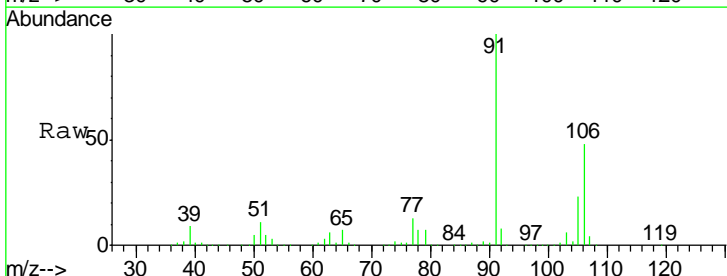
Tgt Ion: 91 Resp: 472186  
 Ion Ratio Lower Upper  
 91 100  
 106 30.5 23.7 35.5

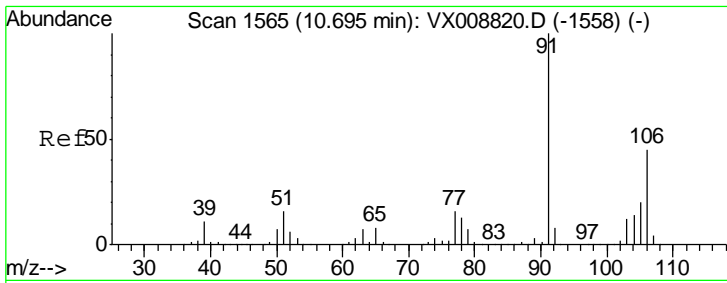
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#68  
 m/p-Xylenes  
 Concen: 100.202 ug/l  
 RT: 10.36 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 106 Resp: 340458  
 Ion Ratio Lower Upper  
 106 100  
 91 208.9 168.5 252.7





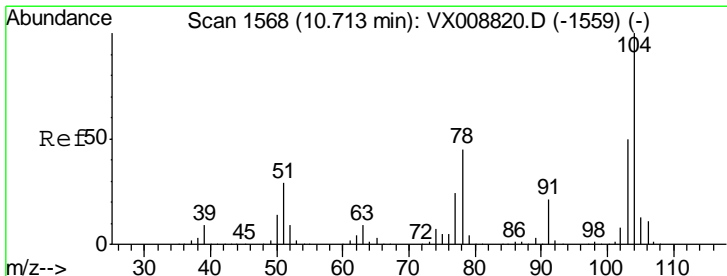
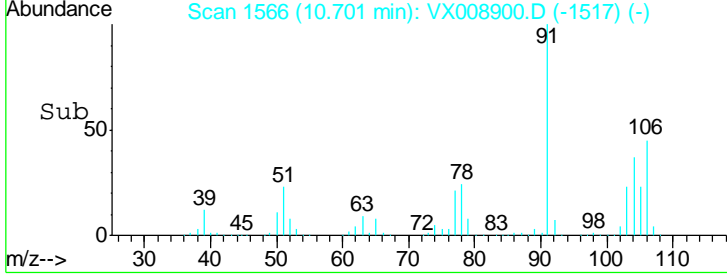
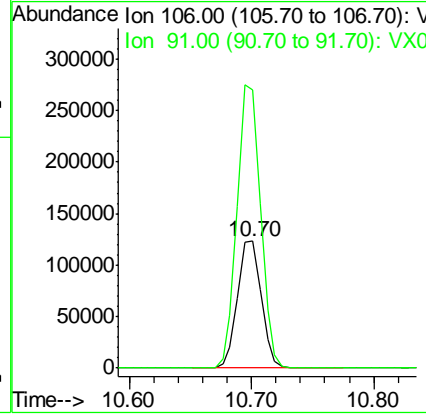
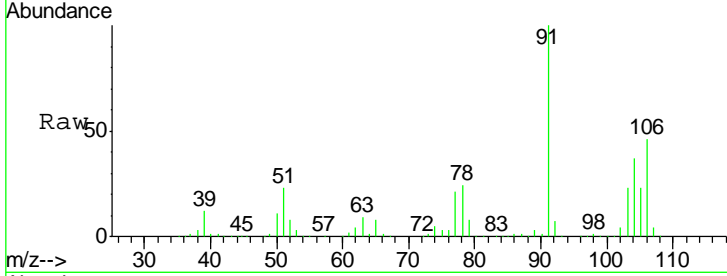
#69  
 o-Xylene  
 Concen: 50.025 ug/l  
 RT: 10.70 min Scan# 1566  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion: 106 Resp: 164723  
 Ion Ratio Lower Upper  
 106 100  
 91 221.5 111.5 334.4

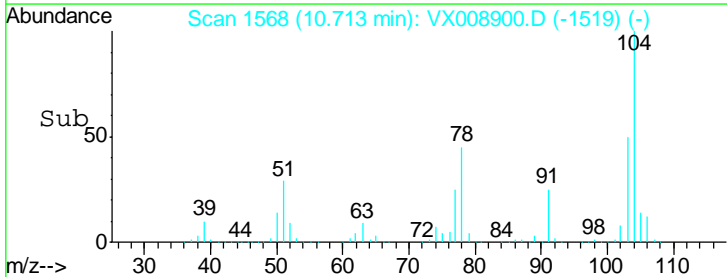
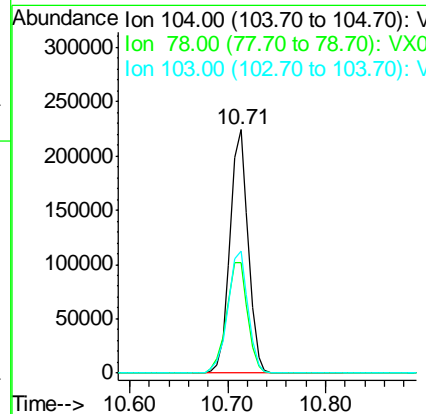
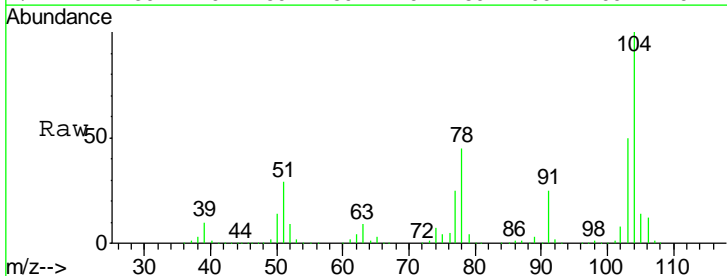
Manual Integrations  
 APPROVED

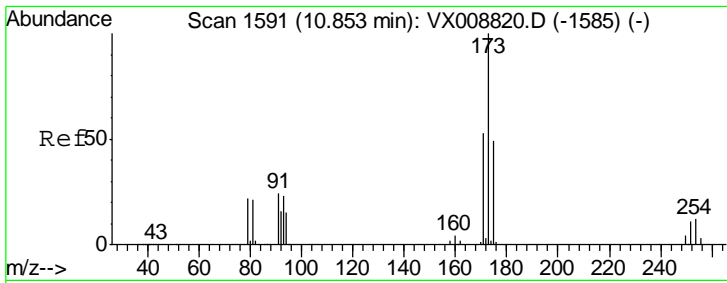
MMDadoda  
 4/13/2019 2:11:53 PM



#70  
 Styrene  
 Concen: 51.116 ug/l  
 RT: 10.71 min Scan# 1568  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

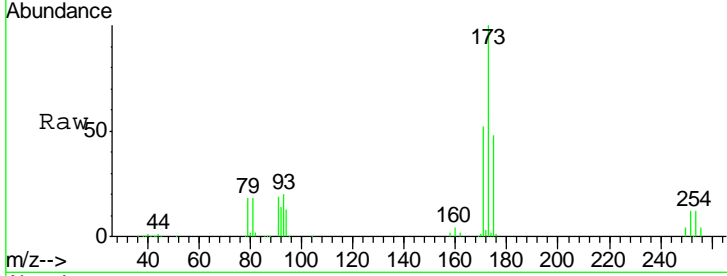
Tgt Ion: 104 Resp: 290132  
 Ion Ratio Lower Upper  
 104 100  
 78 52.4 42.3 63.5  
 103 55.2 44.4 66.6





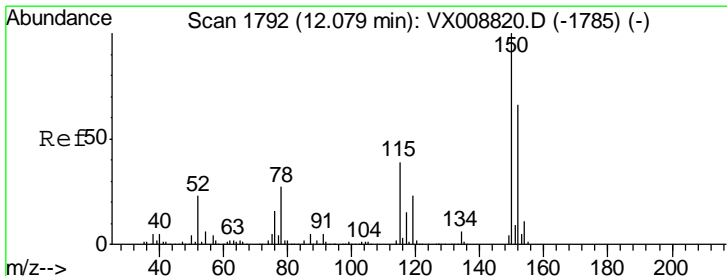
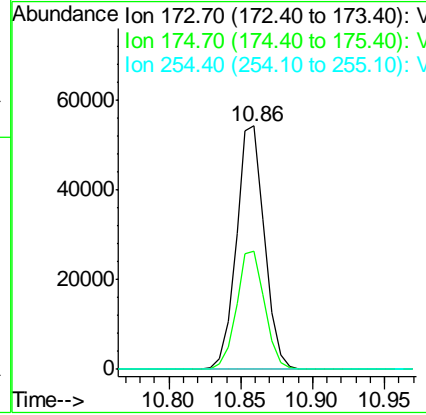
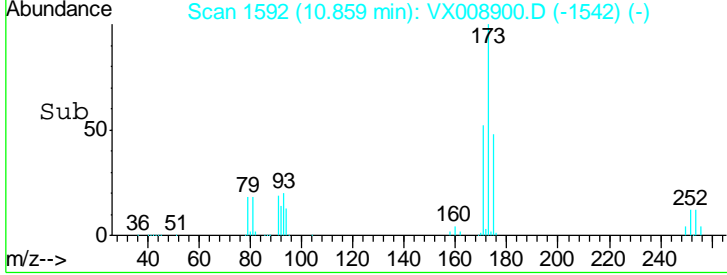
#71  
 Bromoform  
 Concen: 54.456 ug/l  
 RT: 10.86 min Scan# 1592  
 Delta R.T. 0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

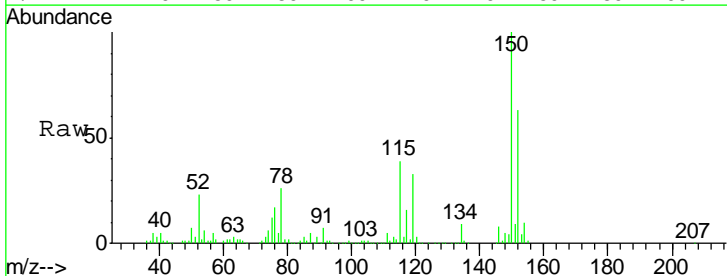


Tgt Ion	Resp	Lower	Upper
173	100		
175	48.6	24.9	74.6
254	0.1	0.1	0.1

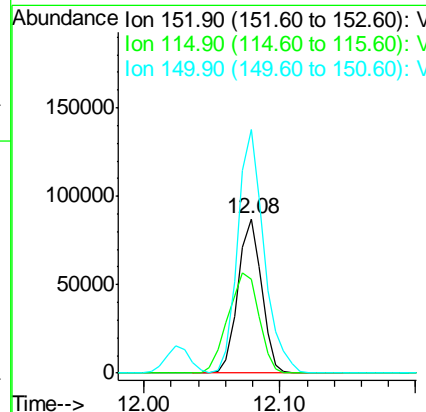
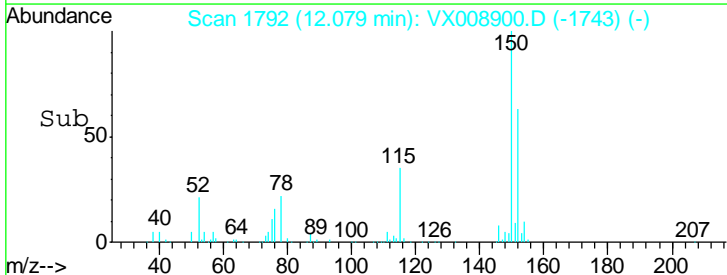
Manual Integrations APPROVED  
 MMDadoda  
 4/13/2019 2:11:53 PM



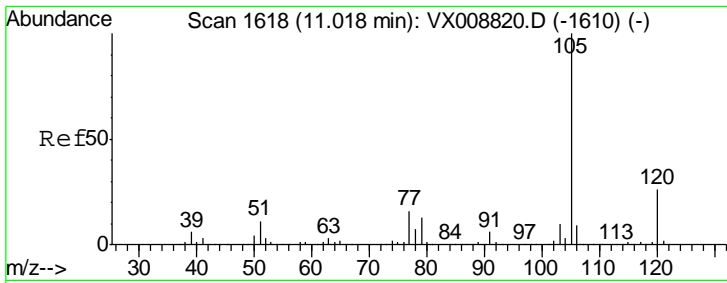
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34



Tgt Ion	Resp	Lower	Upper
152	100		
115	85.1	43.5	130.5
150	175.0	0.0	348.8





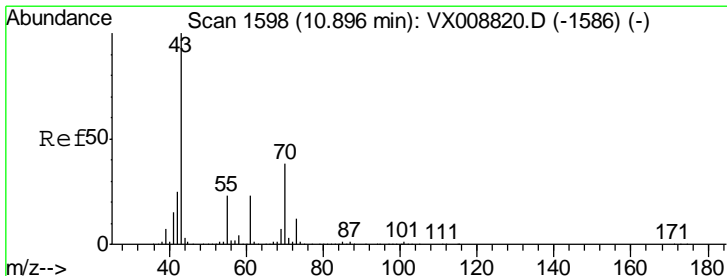
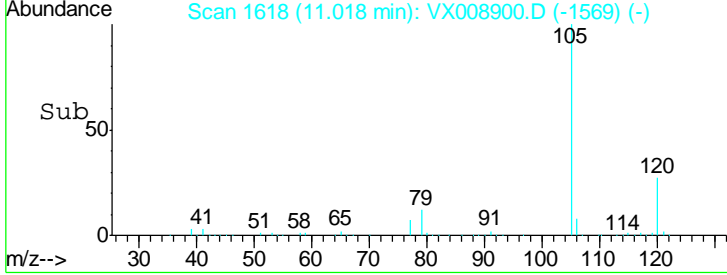
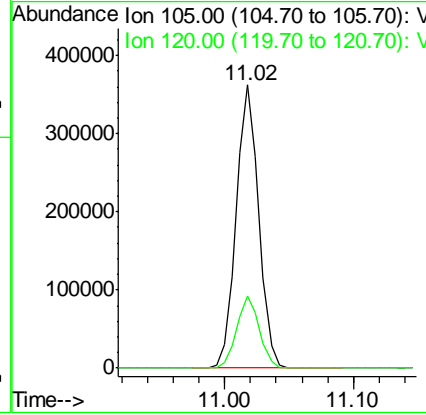
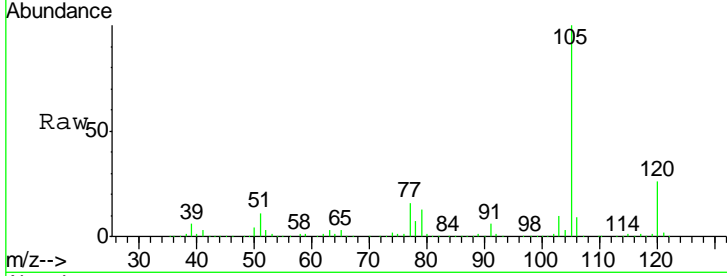


#73  
 Isopropylbenzene  
 Concen: 50.650 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

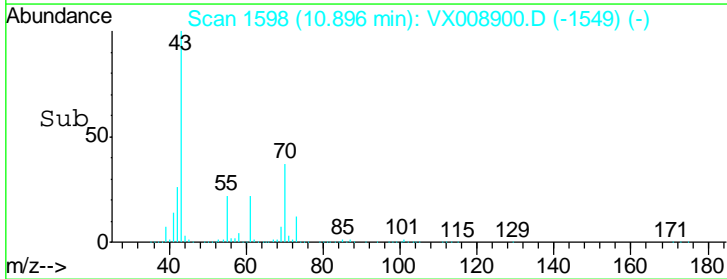
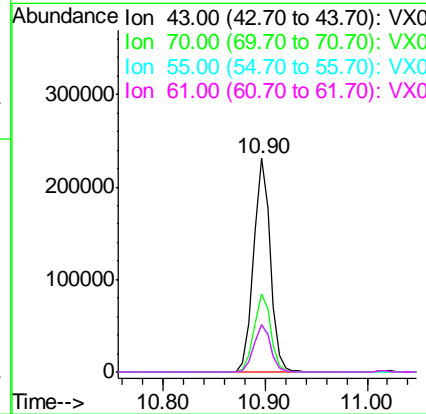
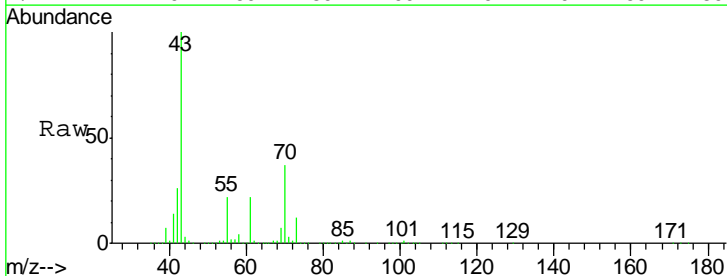
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.5	12.9	38.6

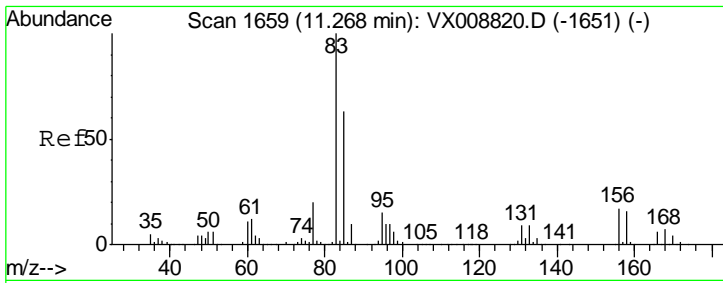
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#74  
 N-nyl acetate  
 Concen: 51.274 ug/l  
 RT: 10.90 min Scan# 1598  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
43	100		
70	37.0	30.2	45.4
55	22.6	18.2	27.4
61	22.4	18.6	28.0





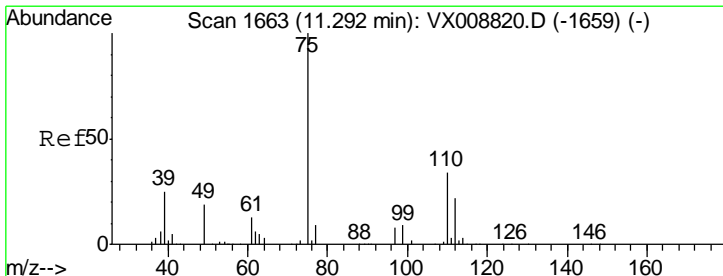
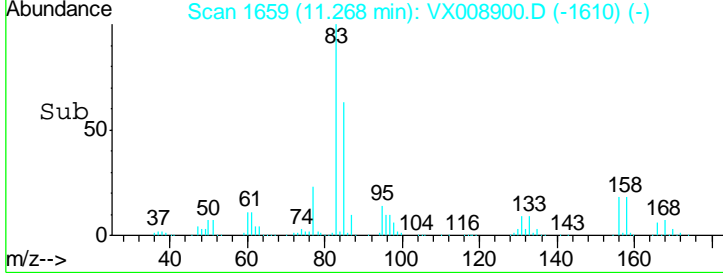
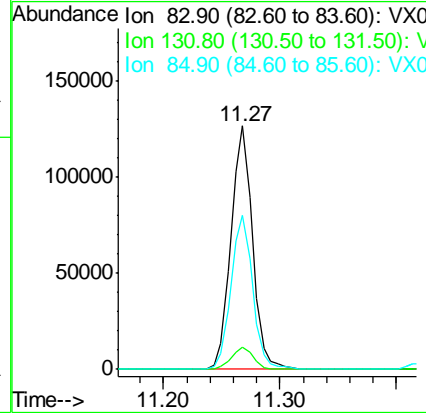
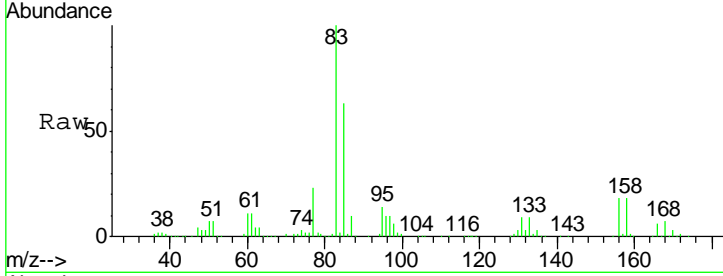
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 48.632 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
83	161961		
131	9.3	4.5	13.7
85	63.9	32.0	96.2

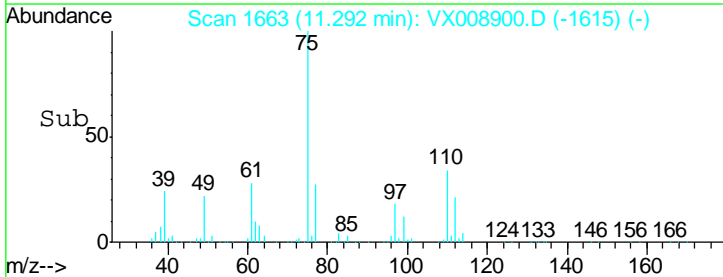
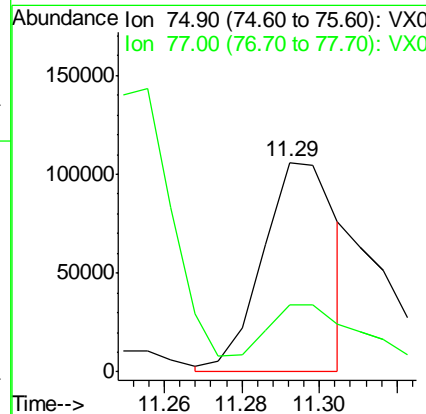
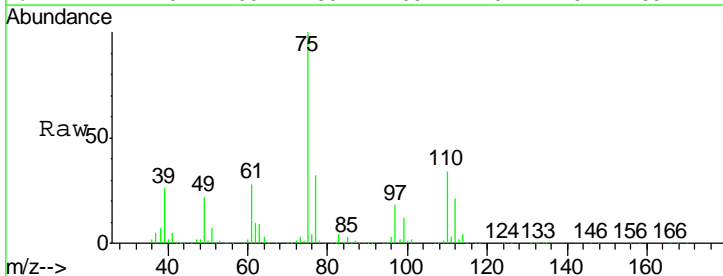
Manual Integrations  
 APPROVED

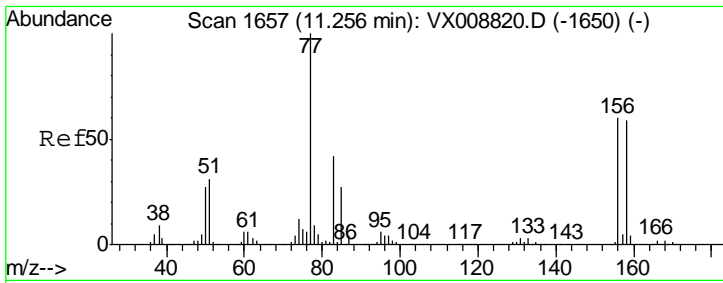
MMDadoda  
 4/13/2019 2:11:53 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 47.642 ug/l m  
 RT: 11.29 min Scan# 1663  
 Delta R.T. -0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
75	138293		
77	45.1	22.3	66.8



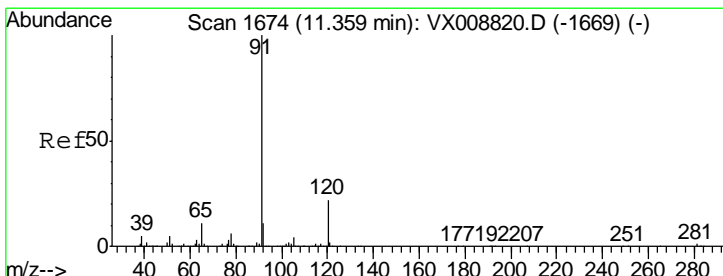
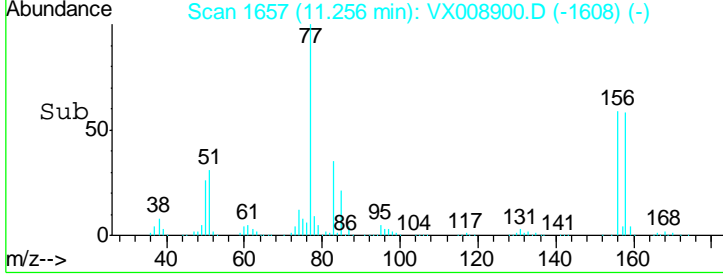
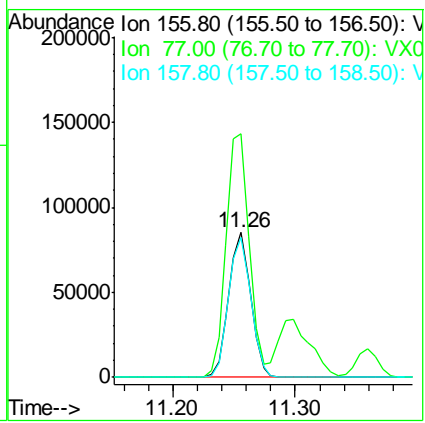
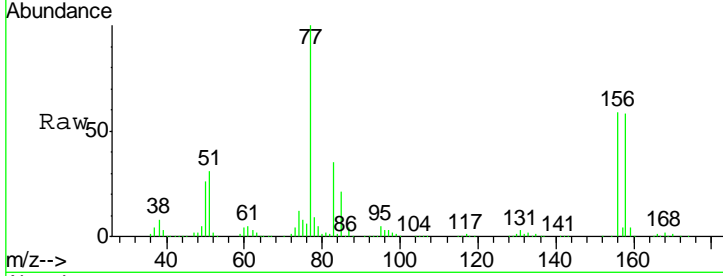


#77  
 Bromobenzene  
 Concen: 50.218 ug/l  
 RT: 11.26 min Scan# 1657  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

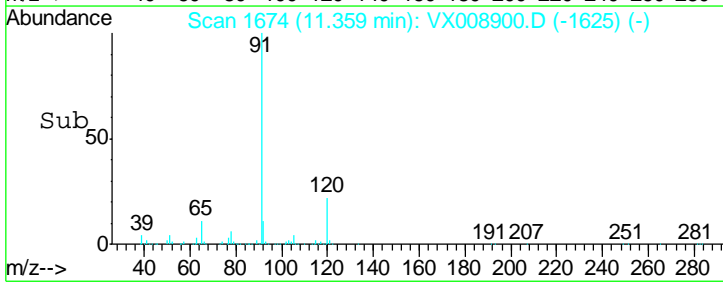
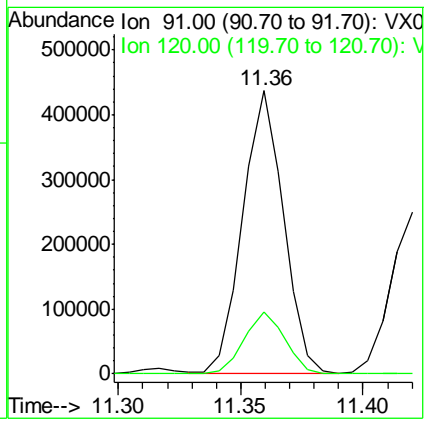
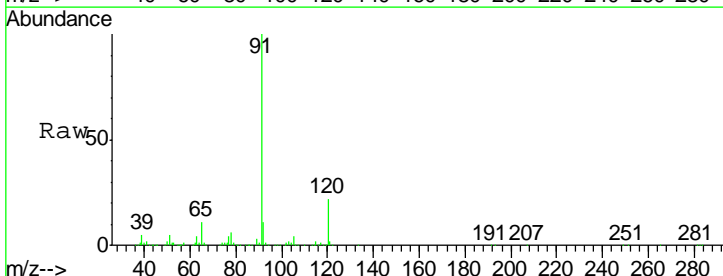
Tgt Ion	Resp	Lower	Upper
156	105717		
77	176.6	89.8	269.6
158	98.1	48.6	145.9

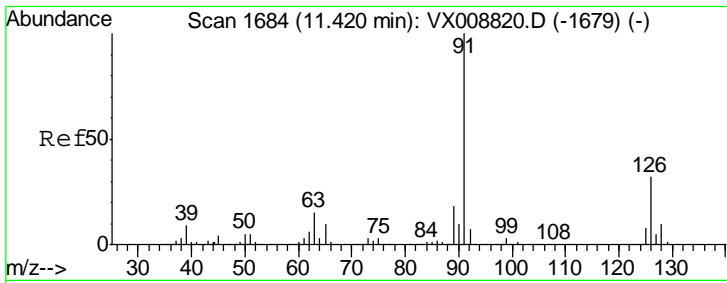
Manual Integrations  
**APPROVED**  
 MMDadoda  
 4/13/2019 2:11:53 PM



#78  
 n-propylbenzene  
 Concen: 49.661 ug/l  
 RT: 11.36 min Scan# 1674  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
91	506352		
120	21.9	10.9	32.7



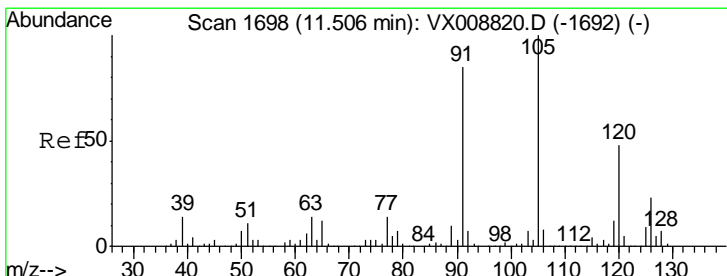
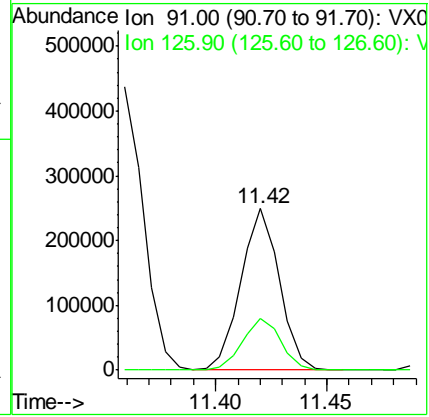
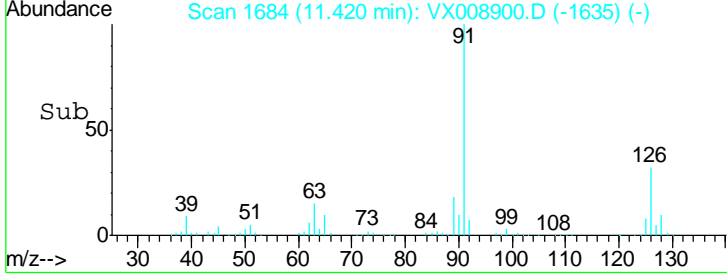
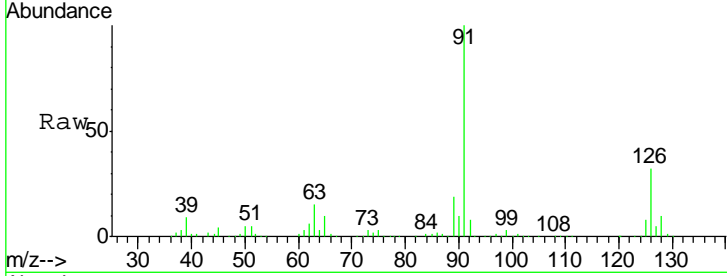


#79  
 2-Chlorotoluene  
 Concen: 48.456 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

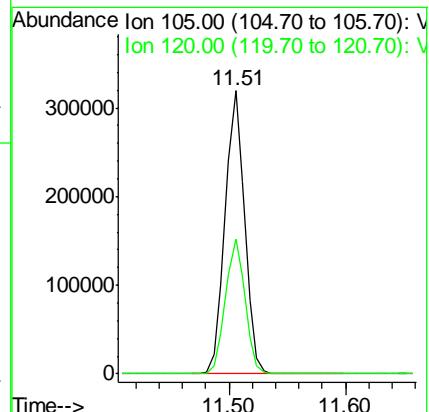
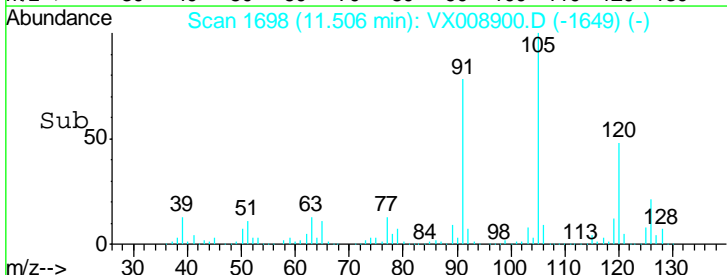
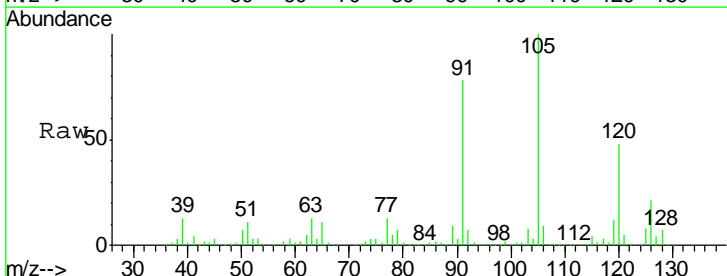
Tgt Ion: 91 Resp: 298989  
 Ion Ratio Lower Upper  
 91 100  
 126 32.2 16.1 48.3

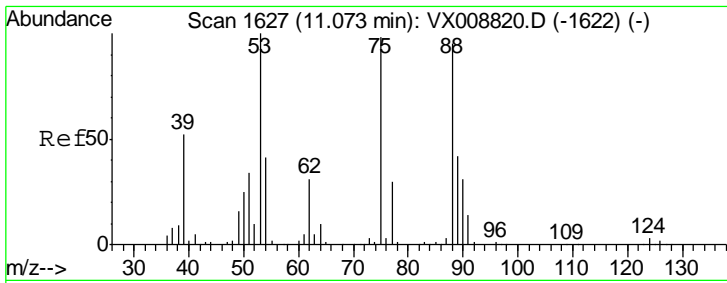
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.055 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion: 105 Resp: 367933  
 Ion Ratio Lower Upper  
 105 100  
 120 48.0 23.5 70.6





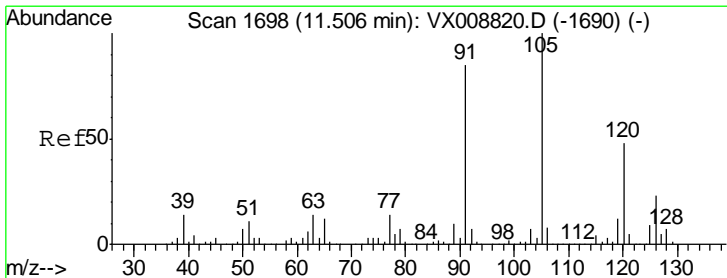
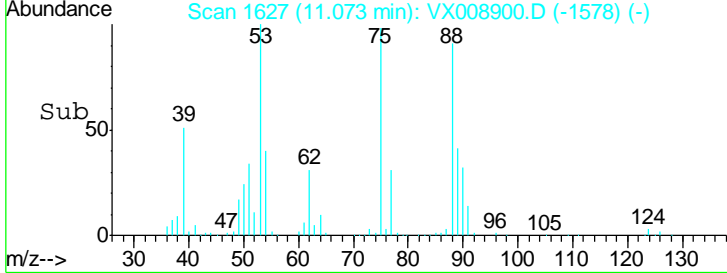
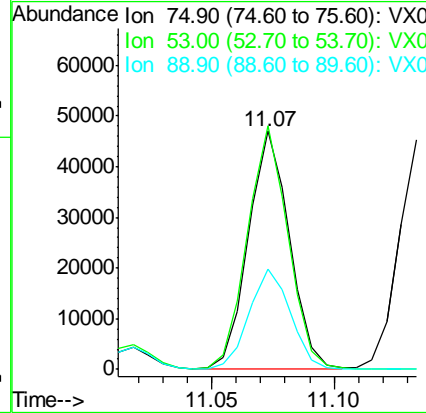
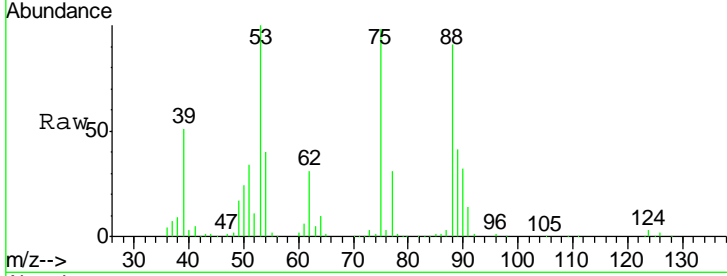
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 52.125 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VX008900.D  
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
75	54890		
75	100		
53	101.3	81.3	121.9
89	42.9	35.6	53.4

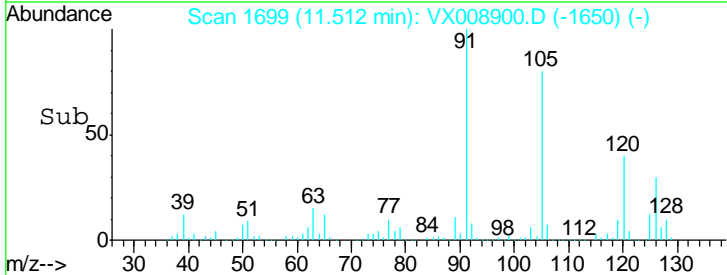
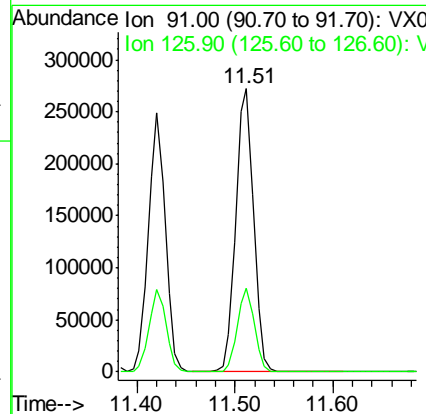
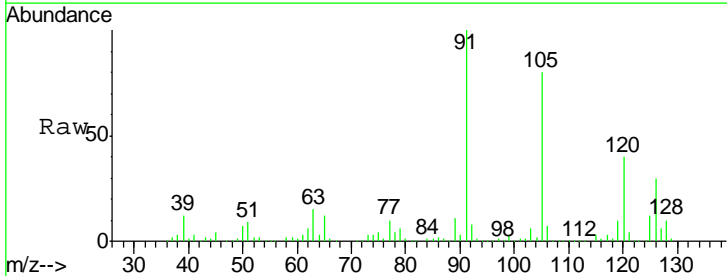
Manual Integrations  
 APPROVED

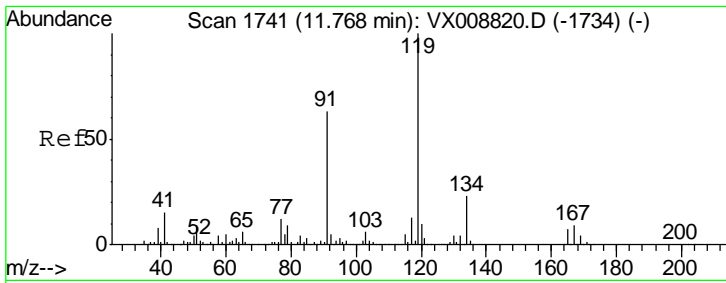
MMDadoda  
 4/13/2019 2:11:53 PM



#82  
 4-Chlorotoluene  
 Concen: 48.111 ug/l  
 RT: 11.51 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
91	343623		
91	100		
126	28.6	13.9	41.6





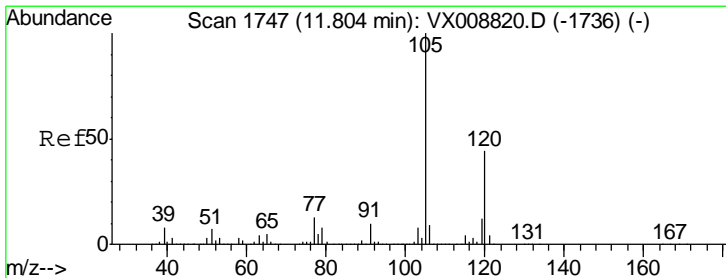
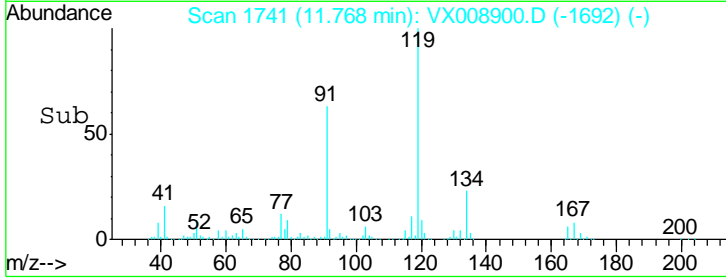
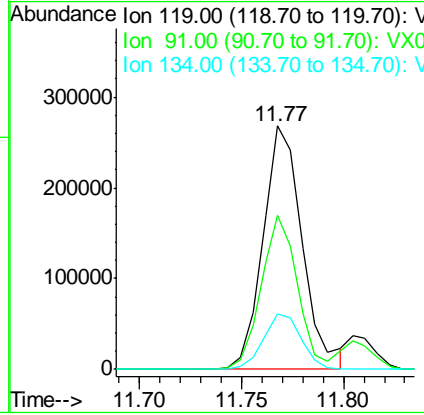
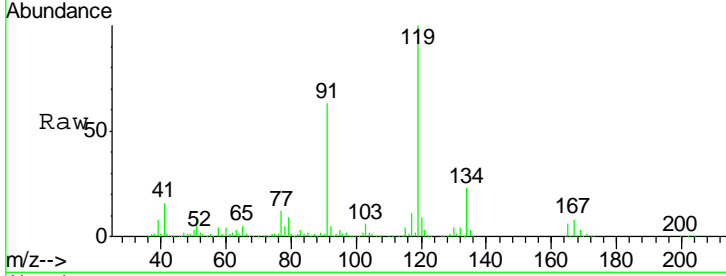
#83  
 tert-Butylbenzene  
 Concen: 50.696 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
119	358513		
91	58.2	30.0	90.1
134	21.9	11.1	33.3

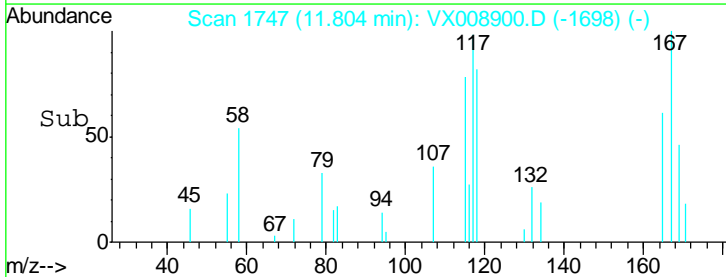
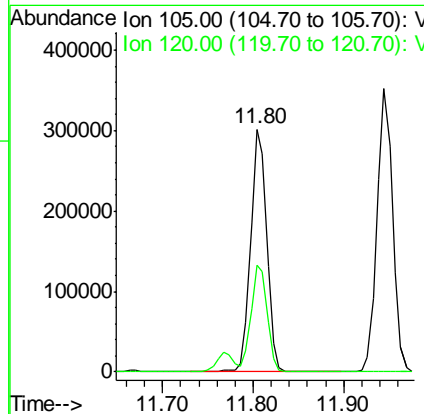
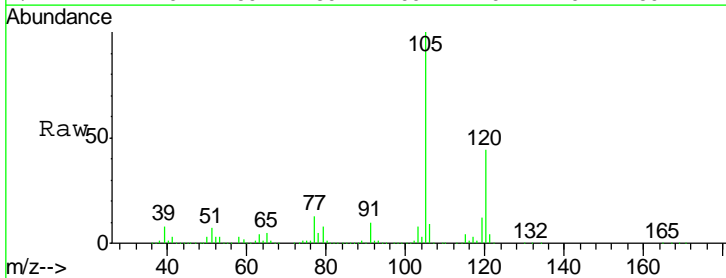
Manual Integrations  
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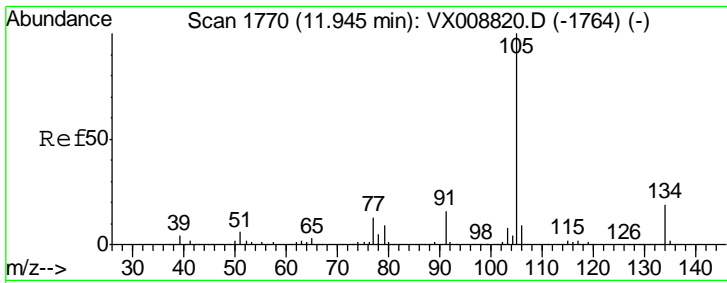
MMDadoda  
 4/13/2019 2:11:53 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.789 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Tgt Ion	Resp	Lower	Upper
105	370576		
120	43.8	21.8	65.3





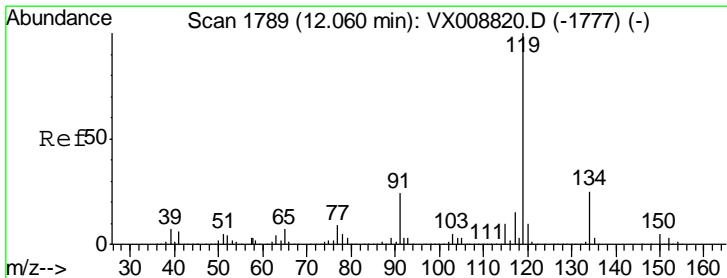
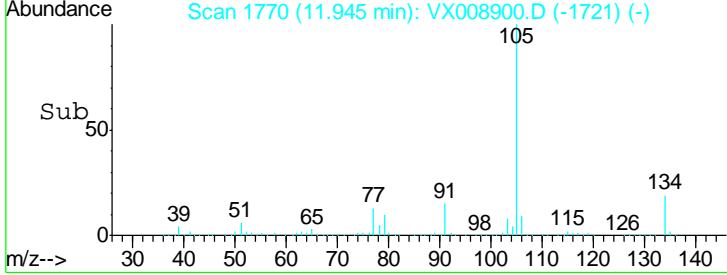
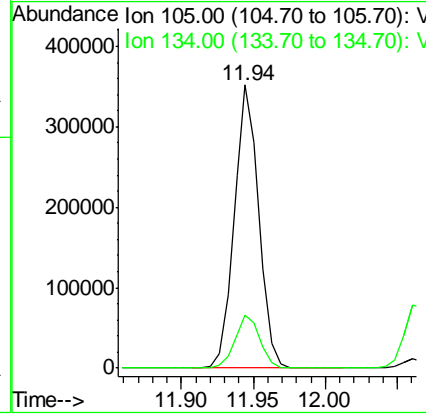
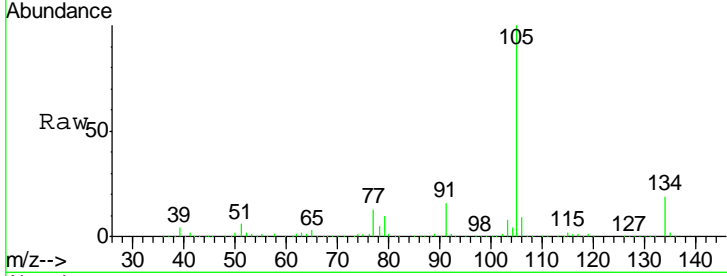
#85  
 sec-Butylbenzene  
 Concen: 49.901 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
105	419170		
134	19.1	9.4	28.2

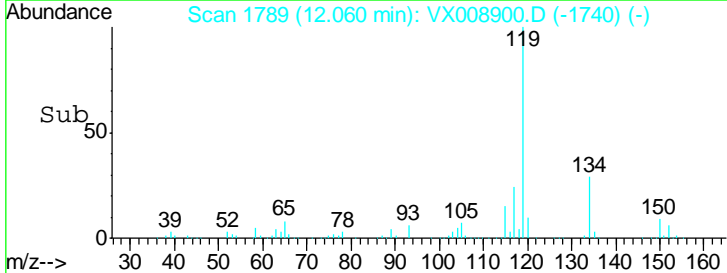
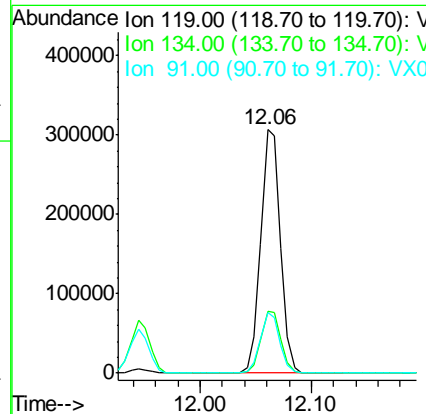
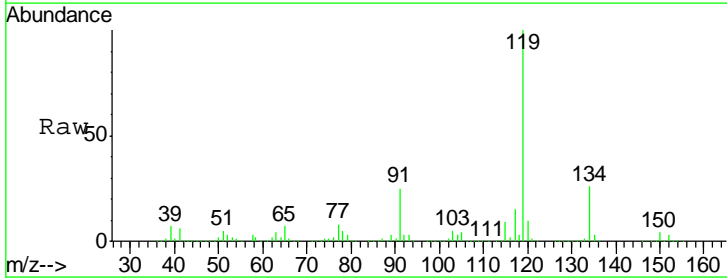
Manual Integrations  
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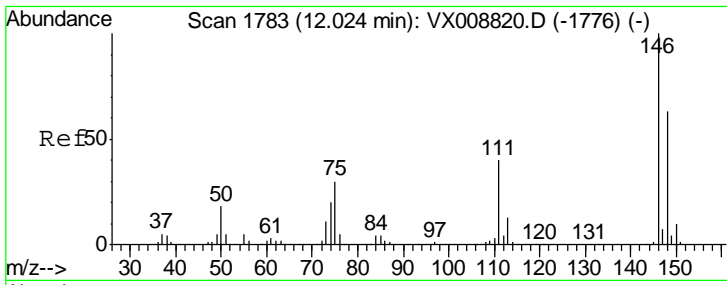
MMDadoda  
 4/13/2019 2:11:53 PM



#86  
 p-Isopropyltoluene  
 Concen: 50.211 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

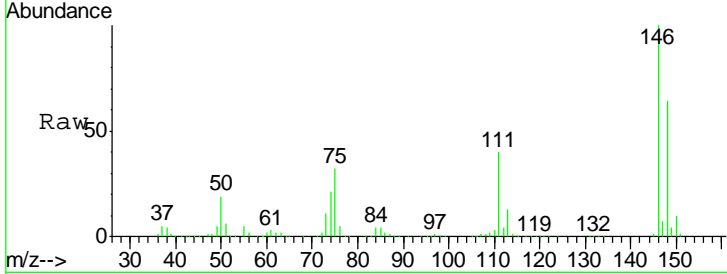
Tgt Ion	Resp	Lower	Upper
119	378567		
134	25.6	12.8	38.4
91	24.2	12.2	36.6





#87  
 1,3-Dichlorobenzene  
 Concen: 48.805 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

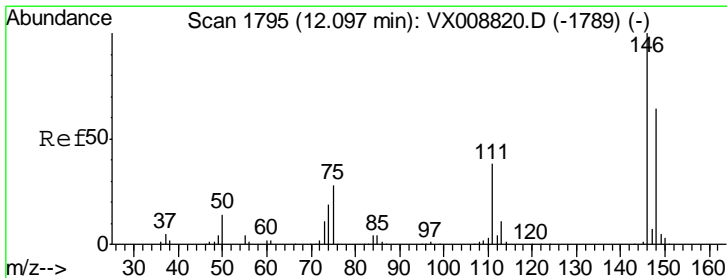
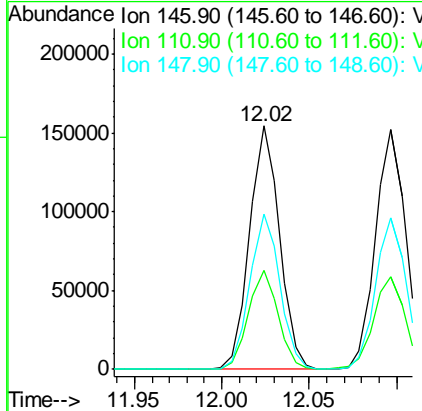
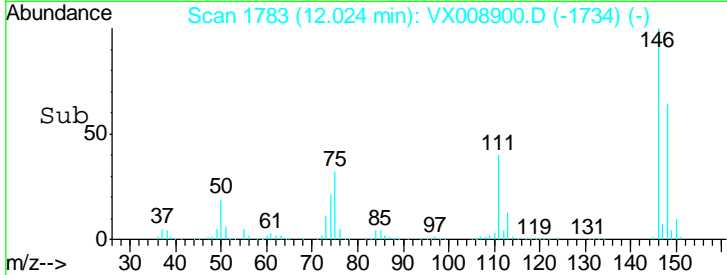


Tgt Ion:146 Resp: 183931

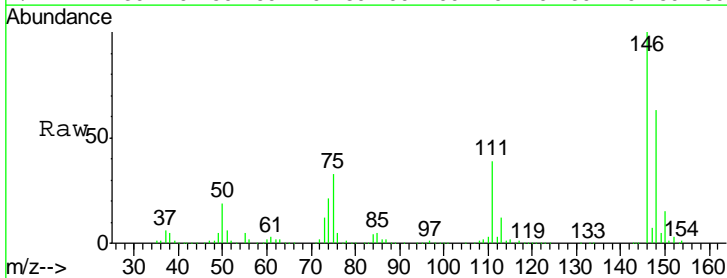
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	64.0	31.6	94.7

Manual Integrations  
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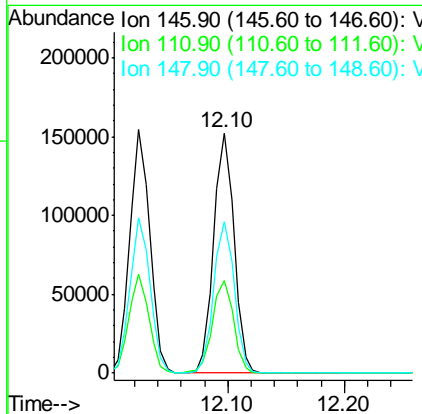
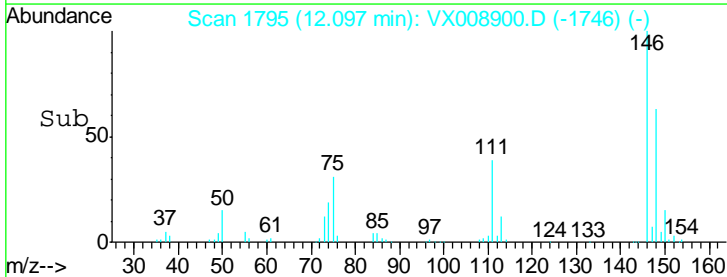


#88  
 1,4-Dichlorobenzene  
 Concen: 48.017 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

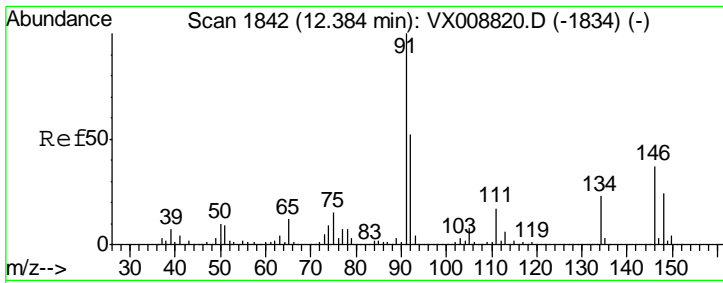


Tgt Ion:146 Resp: 183244

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	63.5	32.0	96.0







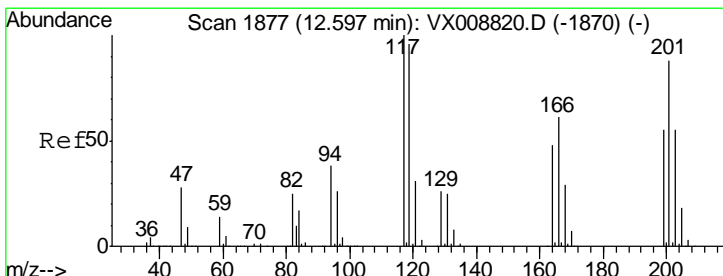
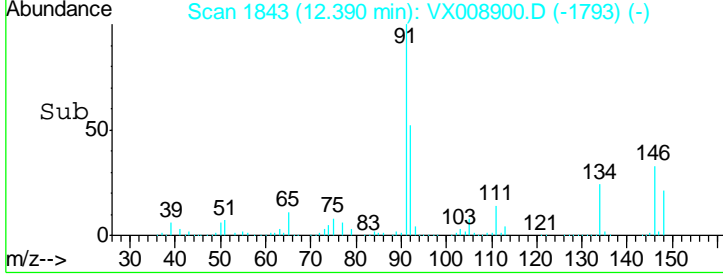
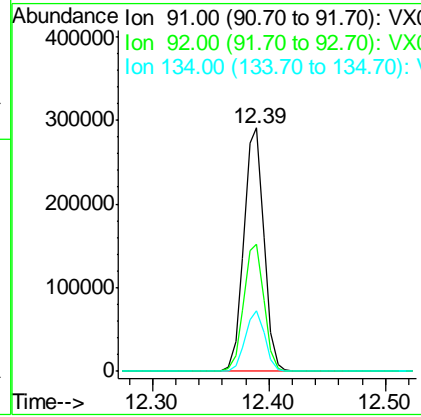
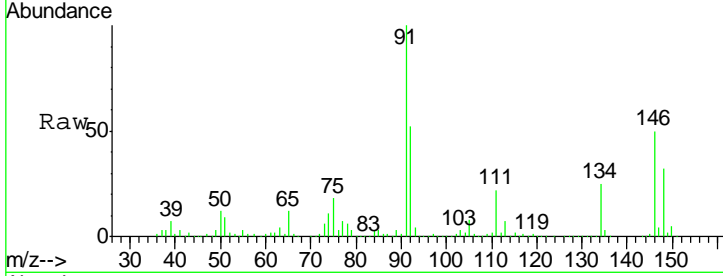
#89  
 n-Butylbenzene  
 Concen: 49.520 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.01 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	24.5	12.0	36.0

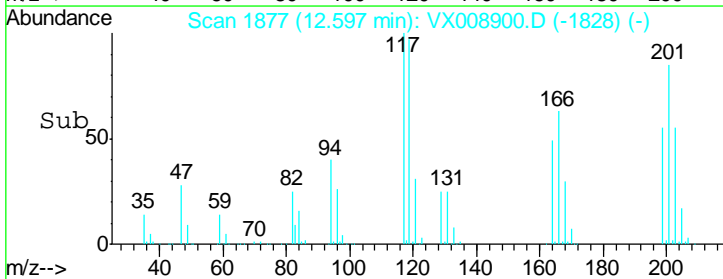
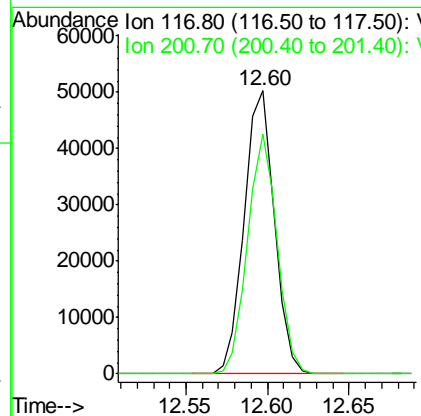
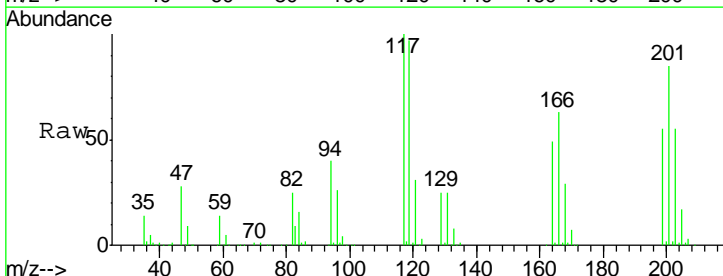
Manual Integrations  
 APPROVED

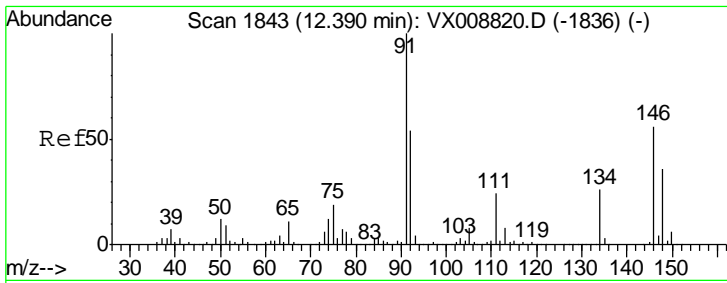
MMDadoda  
 4/13/2019 2:11:53 PM



#90  
 Hexachloroethane  
 Concen: 52.015 ug/l  
 RT: 12.60 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

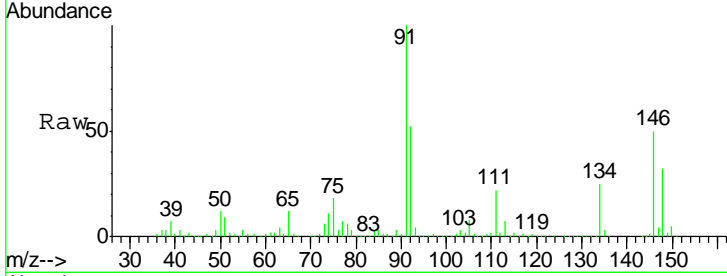
Tgt Ion	Resp	Lower	Upper
117	100		
201	82.8	40.6	122.0





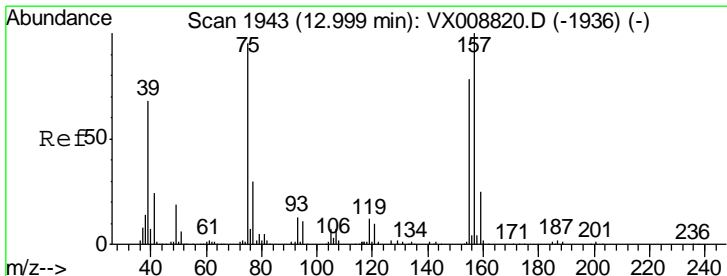
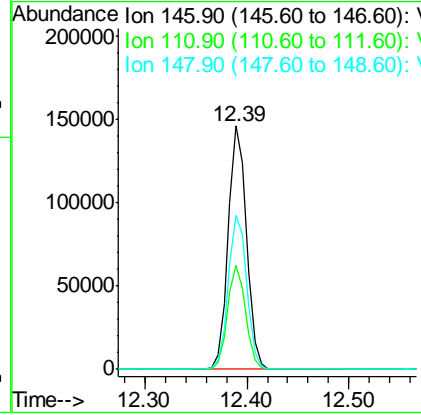
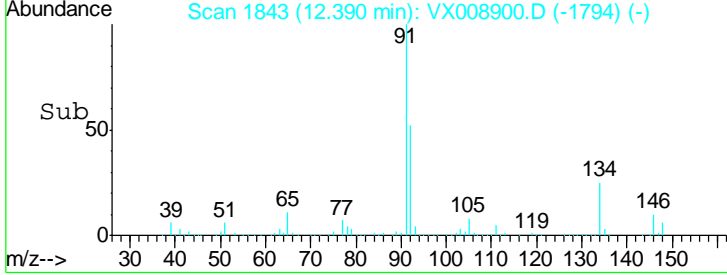
#91  
 1,2-Dichlorobenzene  
 Concen: 48.758 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

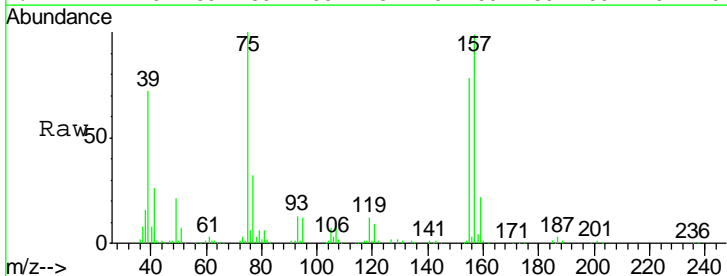


Tgt Ion	Resp	Lower	Upper
146	182447		
146	100		
111	42.3	21.3	63.9
148	63.8	31.7	95.1

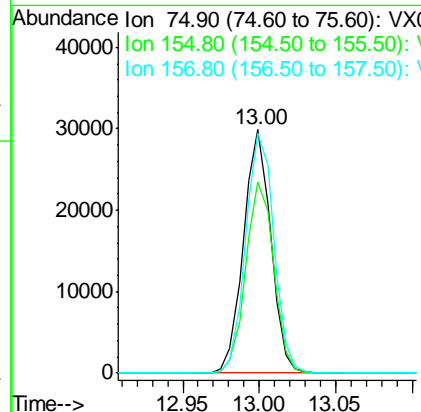
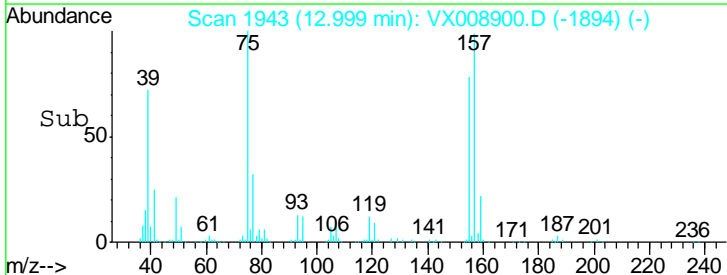
Manual Integrations  
**APPROVED**  
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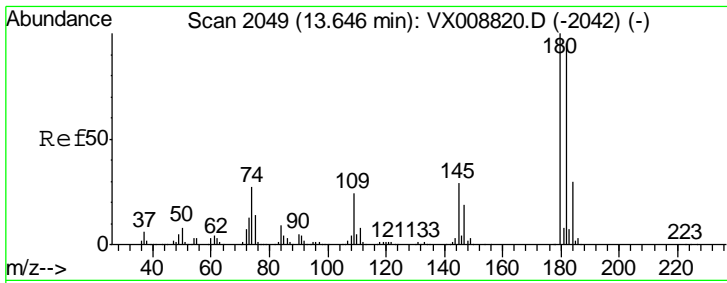


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.471 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34



Tgt Ion	Resp	Lower	Upper
75	36976		
75	100		
155	80.2	39.9	119.6
157	101.8	51.5	154.7





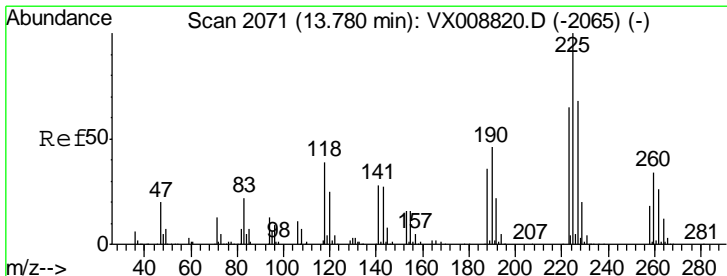
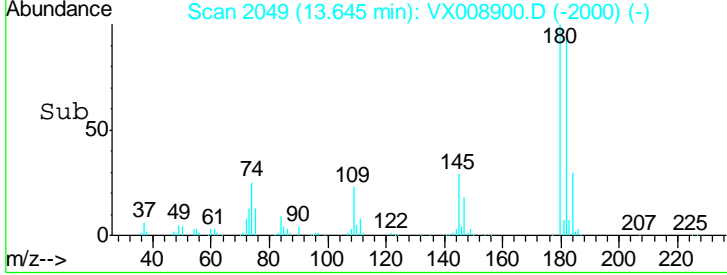
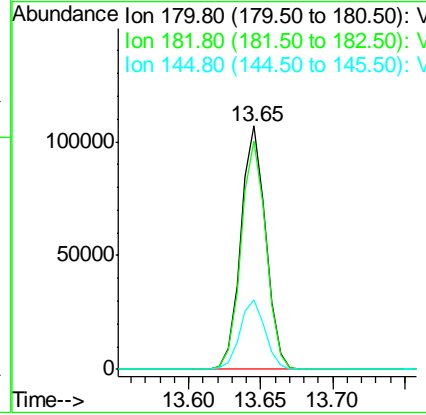
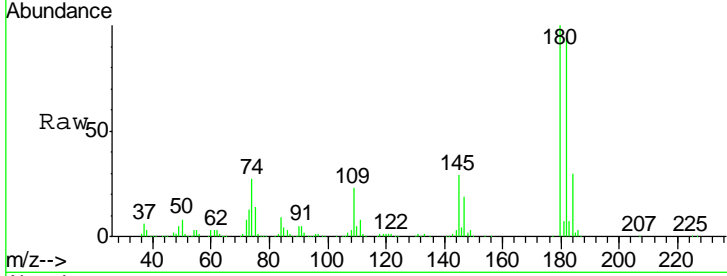
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.315 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument : MSVOA\_X  
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
180	128302		
182	94.6	47.2	141.6
145	29.2	15.3	45.9

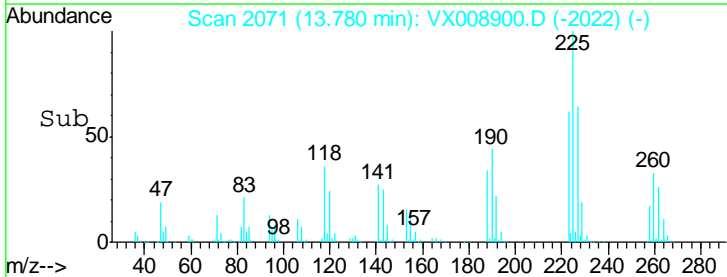
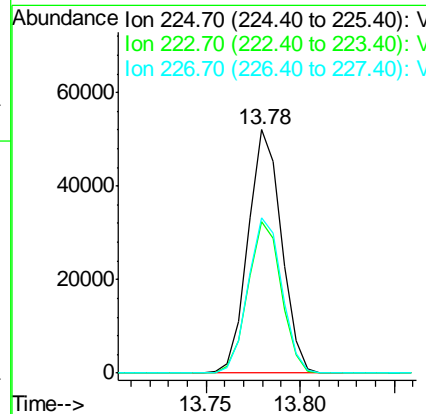
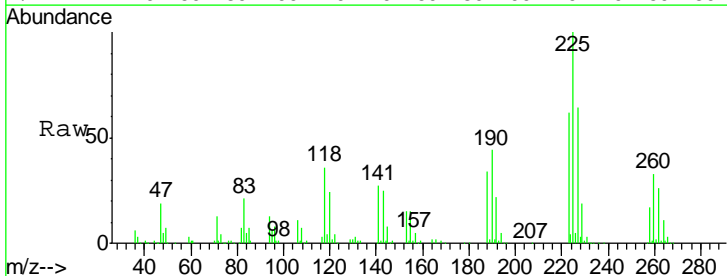
Manual Integrations  
 APPROVED

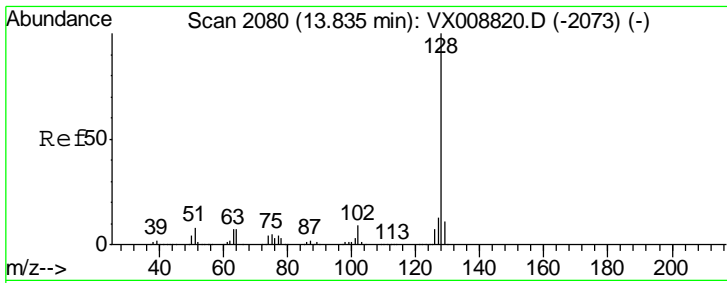
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#94  
 Hexachlorobutadiene  
 Concen: 51.243 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

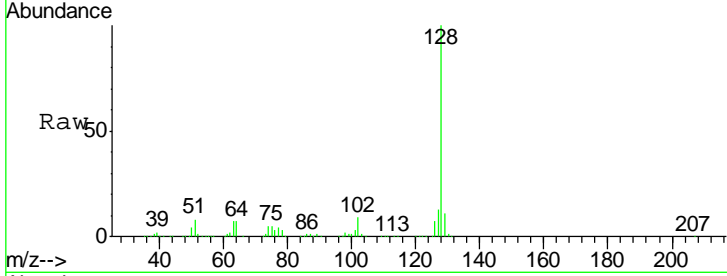
Tgt Ion	Resp	Lower	Upper
225	63937		
223	62.4	31.2	93.6
227	64.7	31.9	95.5





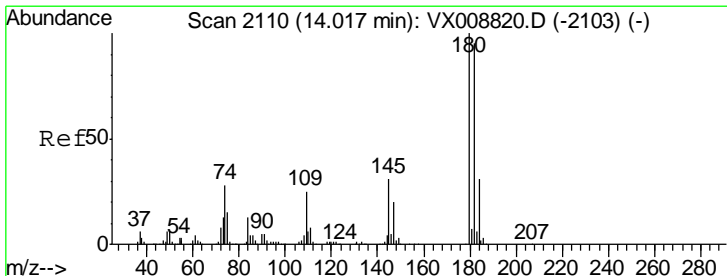
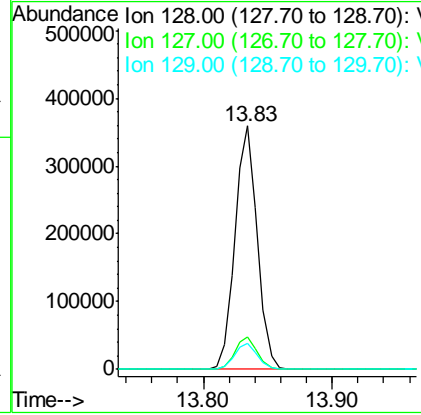
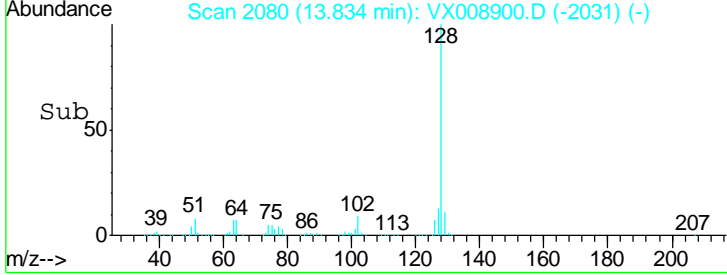
#95  
 Naphthalene  
 Concen: 50.052 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDCCC050EC

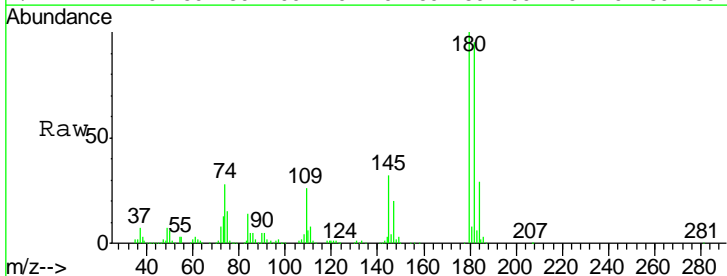


Tgt Ion	Resp	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations  
**APPROVED**  
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 4/13/2019 2:11:53 PM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 49.614 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: VX008900.D  
 Acq: 12 Apr 2019 20:34



Tgt Ion	Resp	Lower	Upper
180	100		
182	95.5	48.1	144.3
145	31.2	16.3	48.8

