

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX070819\  
 Data File : VX010708.D  
 Acq On : 08 Jul 2019 20:06  
 Operator : JC/SP  
 Sample : K3669-14MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS038RW151-190702MSD

Manual Integrations  
 APPROVED

MMDadoda  
 7/9/2019 11:12:36 AM

Quant Time: Jul 09 02:32:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 03:31:56 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165934	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110386	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	5.50	113	103559	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	378180	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.13	95	144232	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95454	61.219	ug/l	98
3) Chloromethane	1.32	50	99018	54.537	ug/l	98
4) Vinyl Chloride	1.41	62	109802	55.214	ug/l	99
5) Bromomethane	1.64	94	54533	56.287	ug/l	98
6) Chloroethane	1.71	64	65667	55.969	ug/l	98
7) Trichlorofluoromethane	1.93	101	182238	57.808	ug/l	100
8) Diethyl Ether	2.19	74	63347	56.033	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101675	53.221	ug/l	100
10) Methyl Iodide	2.51	142	142744	52.355	ug/l	98
11) Tert butyl alcohol	3.05	59	125458	228.008	ug/l	97
12) 1,1-Dichloroethene	2.37	96	105399	54.218	ug/l	97
13) Acrolein	2.29	56	86210	236.184	ug/l	98
14) Allyl chloride	2.73	41	149389	54.129	ug/l	98
15) Acrylonitrile	3.14	53	298351	273.867	ug/l	99
16) Acetone	2.45	43	240809	228.502	ug/l	97
17) Carbon Disulfide	2.57	76	268715	51.523	ug/l	99
18) Methyl Acetate	2.78	43	109005	51.897	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	334997	54.778	ug/l	98
20) Methylene Chloride	2.85	84	116559	53.744	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111514	53.337	ug/l	97
22) Diisopropyl ether	3.85	45	320238	55.498	ug/l	95
23) Vinyl Acetate	3.81	43	1337607	268.332	ug/l	98
24) 1,1-Dichloroethane	3.70	63	182266	54.646	ug/l	100
25) 2-Butanone	4.67	43	400679	259.192	ug/l	99
26) 2,2-Dichloropropane	4.58	77	124977	43.133	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	229657	95.055	ug/l	98
28) Bromochloromethane	5.01	49	76311	47.852	ug/l	94
29) Tetrahydrofuran	5.13	42	258523	269.990	ug/l	99
30) Chloroform	5.21	83	196097	54.642	ug/l	99
31) Cyclohexane	5.58	56	166071	54.676	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	174053	54.927	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143124	52.696	ug/l	98
37) Ethyl Acetate	4.83	43	144246	51.624	ug/l	99
38) Carbon Tetrachloride	5.79	117	153783	52.287	ug/l	99

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**Client Sampled :**  
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 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	183086	51.282	ug/l	98
40) Benzene	6.14	78	448983	53.060	ug/l	100
41) Methacrylonitrile	5.04	41	83808	54.665	ug/l	97
42) 1,2-Dichloroethane	6.19	62	149502	58.042	ug/l	98
43) Isopropyl Acetate	6.45	43	243707	52.717	ug/l	98
44) Trichloroethene	7.21	130	131747	52.033	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112357	52.581	ug/l	96
46) Dibromomethane	7.66	93	83151	54.236	ug/l	95
47) Bromodichloromethane	7.90	83	147917	52.646	ug/l	98
48) Methyl methacrylate	7.77	41	122286	56.909	ug/l	96
49) 1,4-Dioxane	7.74	88	56199	907.885	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	823205	278.427	ug/l	98
52) Toluene	8.78	92	294371	52.827	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	159683	50.693	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	174923	51.100	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	121977	53.076	ug/l	99
56) Ethyl methacrylate	9.18	69	190018	54.581	ug/l	96
57) 1,3-Dichloropropane	9.37	76	190773	53.476	ug/l	100
59) 2-Hexanone	9.49	43	636955	273.727	ug/l	98
60) Dibromochloromethane	9.58	129	132560	51.516	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132316	53.340	ug/l	99
64) Tetrachloroethene	9.34	164	121476	47.472	ug/l	98
65) Chlorobenzene	10.13	112	842876	131.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	122265	52.260	ug/l	100
67) Ethyl Benzene	10.25	91	569888	52.557	ug/l	99
68) m/p-Xylenes	10.36	106	442000	105.200	ug/l	98
69) o-Xylene	10.69	106	215963	52.268	ug/l	97
70) Styrene	10.71	104	371555	53.622	ug/l	98
71) Bromoform	10.85	173	102124	50.195	ug/l #	99
73) Isopropylbenzene	11.02	105	585944	52.092	ug/l	98
74) N-amyl acetate	10.90	43	220598	51.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	193206	51.866	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	157897m	52.219	ug/l	
77) Bromobenzene	11.26	156	156077	49.693	ug/l	98
78) n-propylbenzene	11.36	91	641366	51.881	ug/l	99
79) 2-Chlorotoluene	11.42	91	377783	51.319	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	482653	52.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56037	43.234	ug/l	92
82) 4-Chlorotoluene	11.51	91	442307	52.803	ug/l	99
83) tert-Butylbenzene	11.77	119	517656	55.620	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	494890	53.121	ug/l	98
85) sec-Butylbenzene	11.94	105	600991	54.997	ug/l	99
86) p-Isopropyltoluene	12.06	119	517432	51.191	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	282689	51.562	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	284089	50.898	ug/l	99
89) n-Butylbenzene	12.38	91	451323	52.546	ug/l	99
90) Hexachloroethane	12.60	117	85510	48.925	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	274220	50.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41545	51.727	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	188554	49.898	ug/l	98

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**ClientSampleId :**  
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 Quant Title : SW846 8260  
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	92705	50.197	ug/l	99
95) Naphthalene	13.83	128	597739	51.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	190184	50.620	ug/l	98

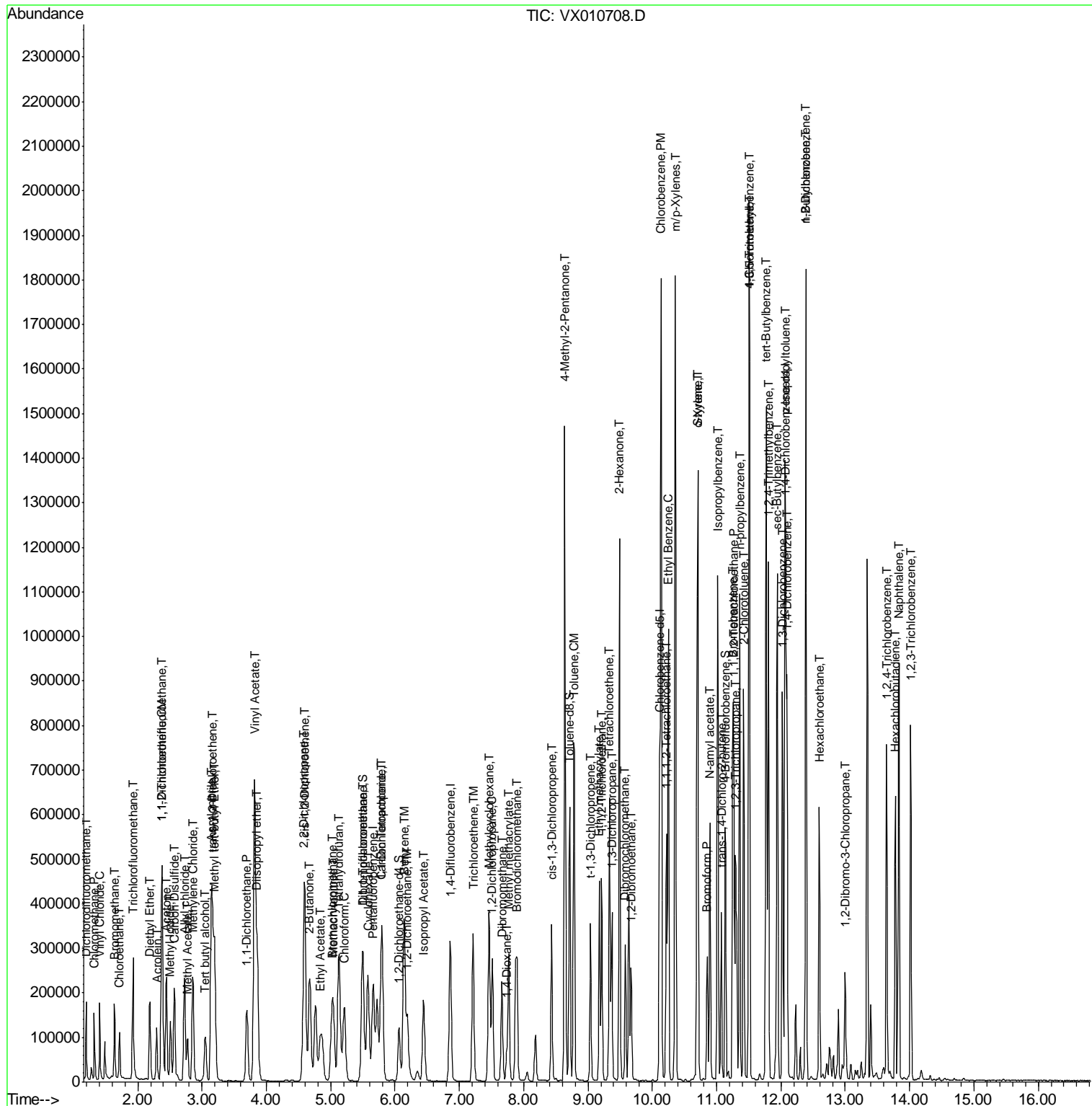
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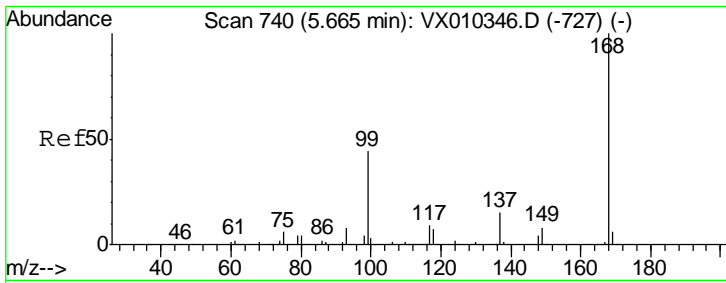
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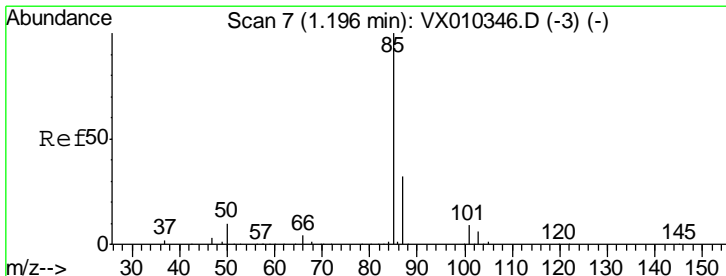
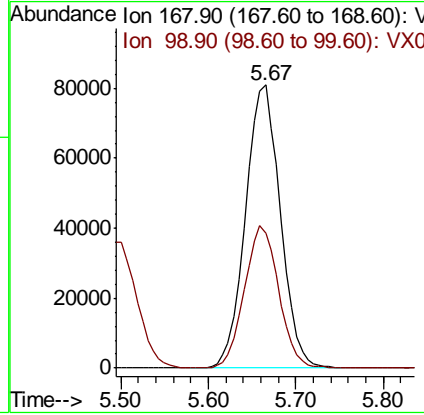
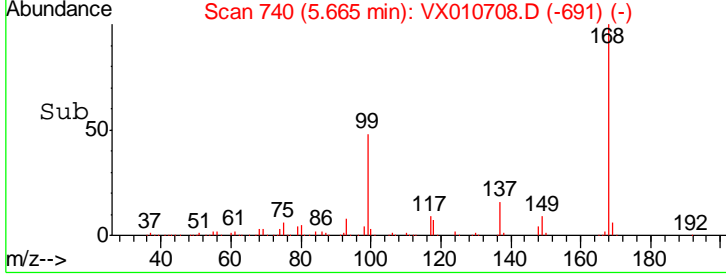
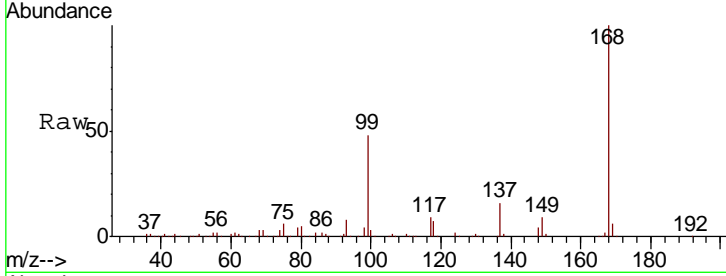
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
168	100		
99	47.6	35.5	53.3

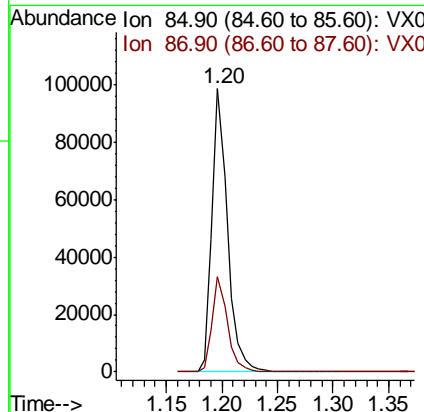
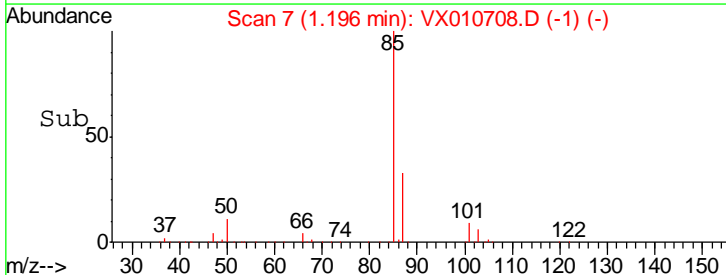
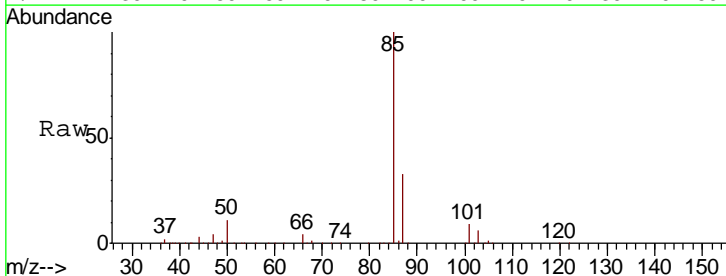
Manual Integrations  
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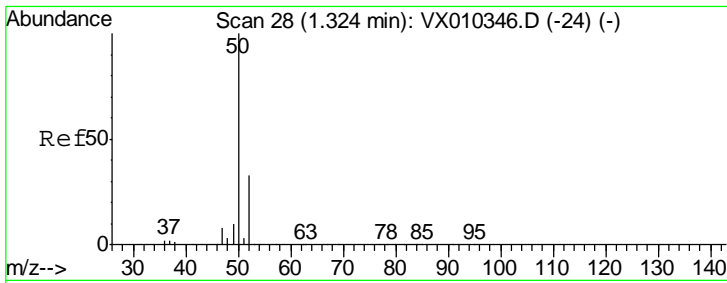
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#2  
 Dichlorodifluoromethane  
 Concen: 61.219 ug/l  
 RT: 1.20 min Scan# 7  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
85	100		
87	33.5	16.3	48.8





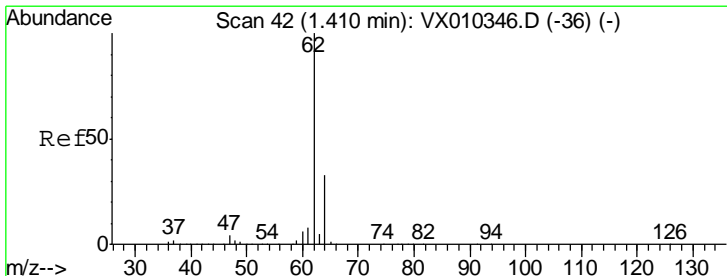
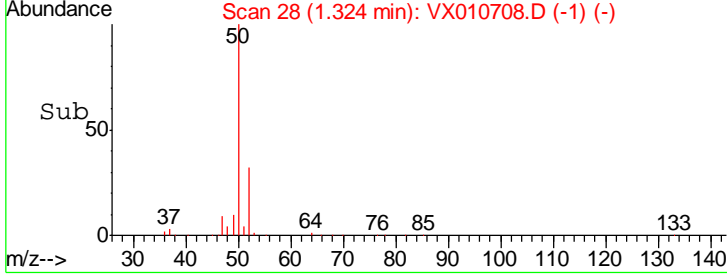
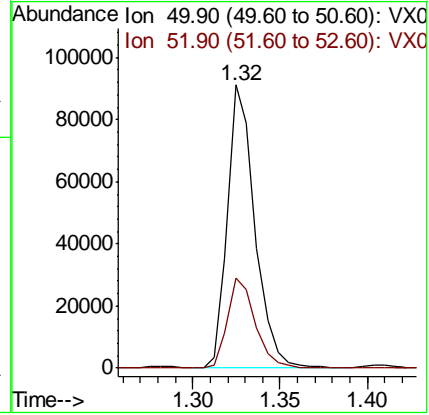
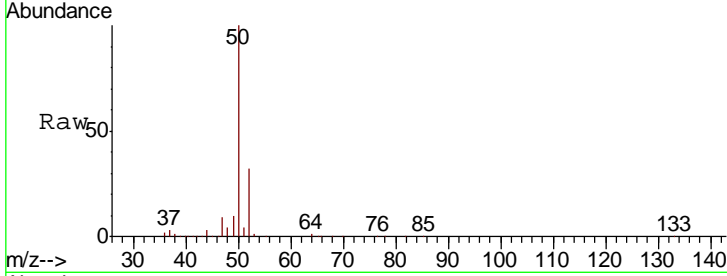
#3  
 Chloromethane  
 Concen: 54.537 ug/l  
 RT: 1.32 min Scan# 28  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

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Tgt Ion: 50 Resp: 99018

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.5	39.7

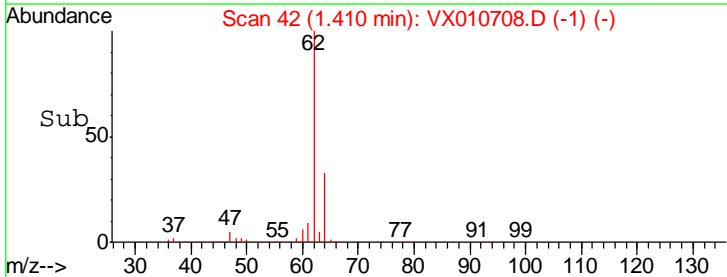
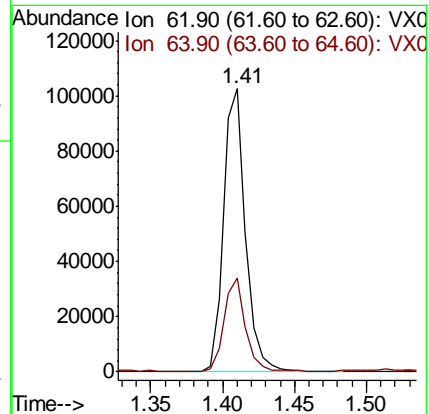
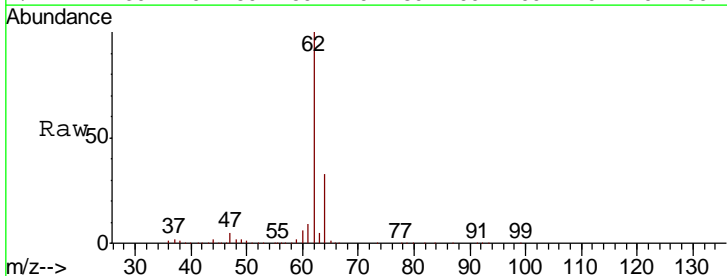
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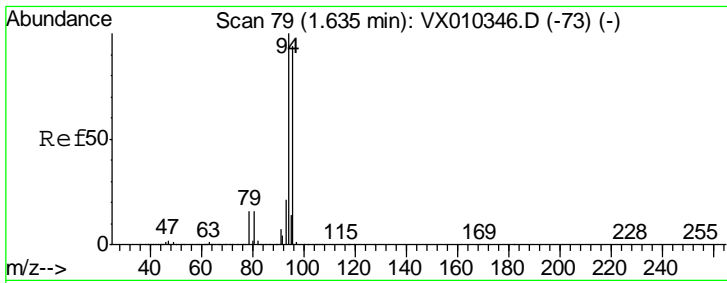


#4  
 Vinyl Chloride  
 Concen: 55.214 ug/l  
 RT: 1.41 min Scan# 42  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 62 Resp: 109802

Ion	Ratio	Lower	Upper
62	100		
64	33.1	26.2	39.4



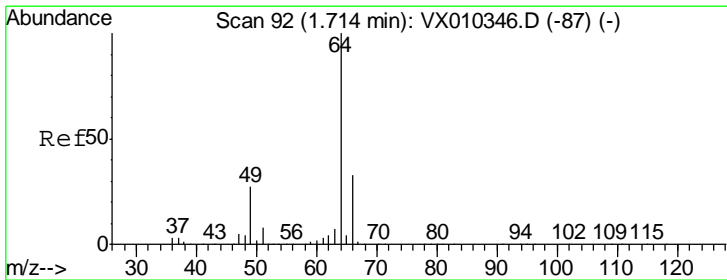
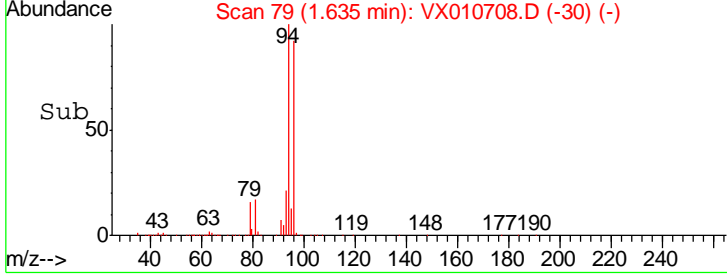
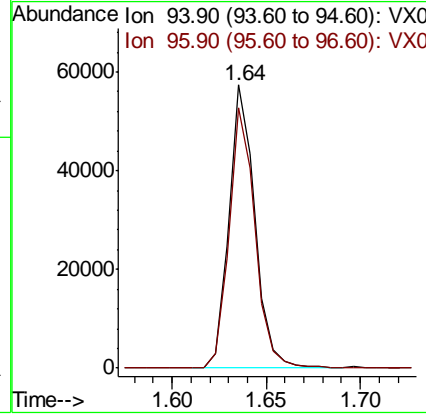
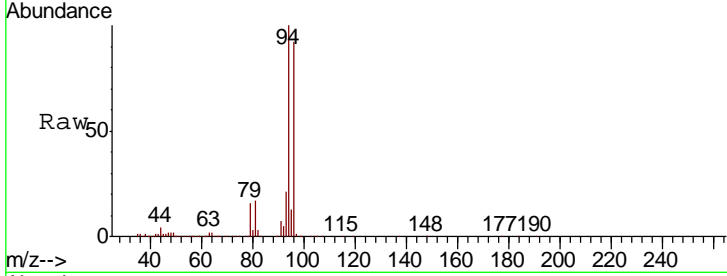


#5  
 Bromomethane  
 Concen: 56.287 ug/l  
 RT: 1.64 min Scan# 79  
 Delta R.T. 0.00 min  
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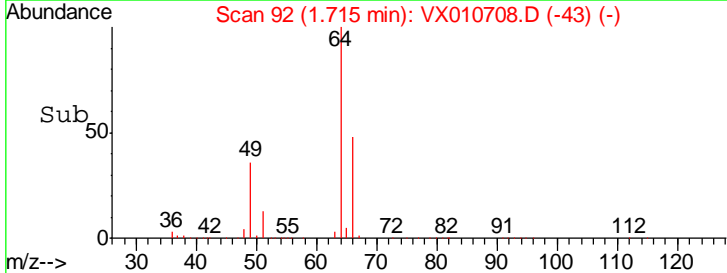
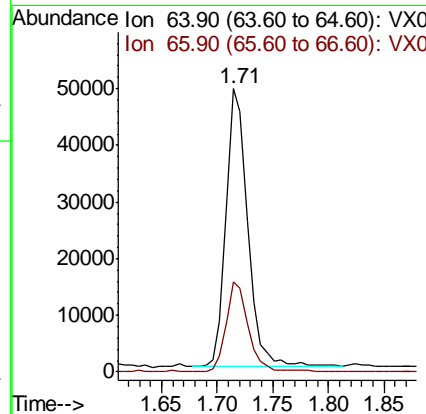
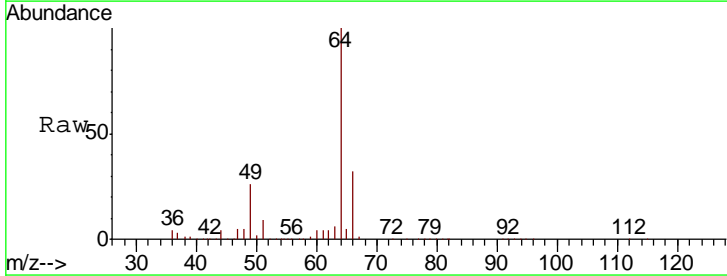
Tgt Ion	Resp	Lower	Upper
94	54533		
96	92.1	75.5	113.3

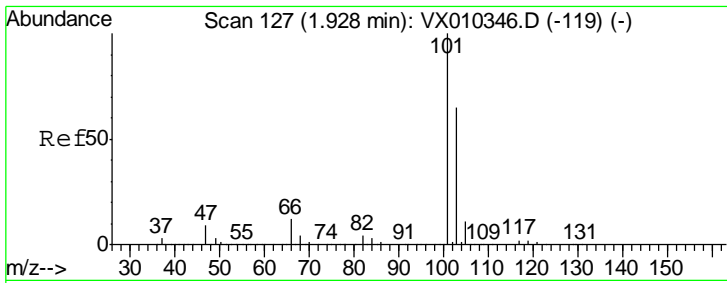
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#6  
 Chloroethane  
 Concen: 55.969 ug/l  
 RT: 1.71 min Scan# 92  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
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Tgt Ion	Resp	Lower	Upper
64	65667		
66	32.3	26.6	40.0





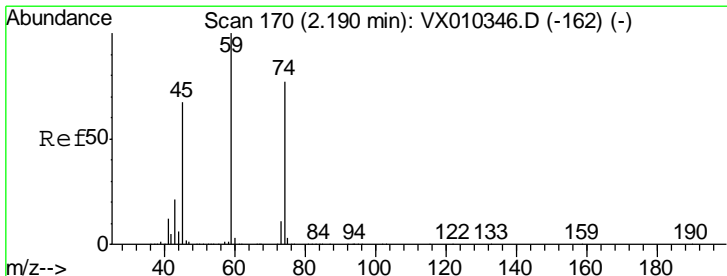
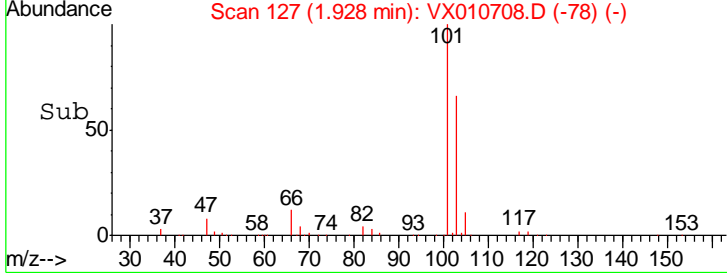
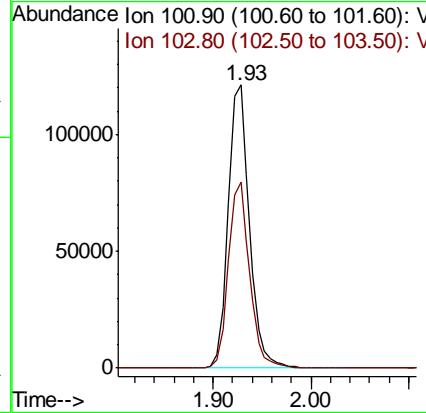
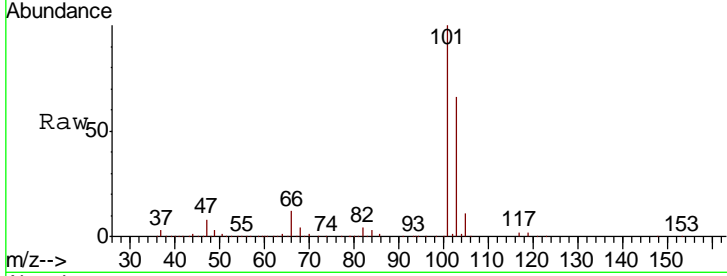
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 Trichlorofluoromethane  
 Concen: 57.808 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
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Tgt Ion: 101 Resp: 182238

Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.3	78.5

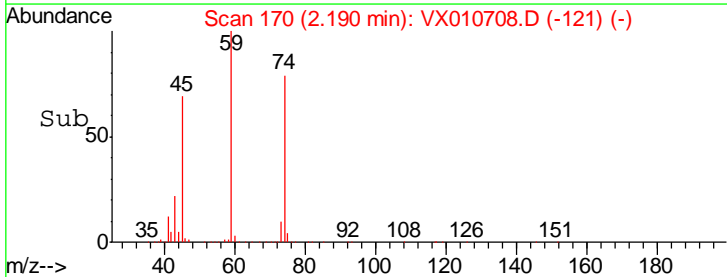
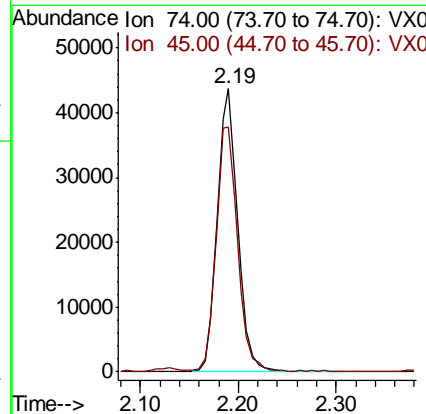
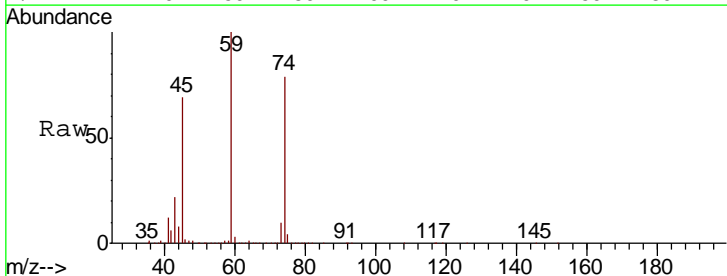
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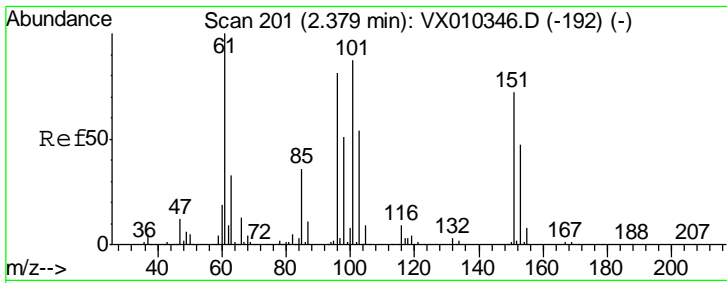
#8  
 Diethyl Ether  
 Concen: 56.033 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 74 Resp: 63347

Ion	Ratio	Lower	Upper
74	100		
45	89.5	44.8	134.4







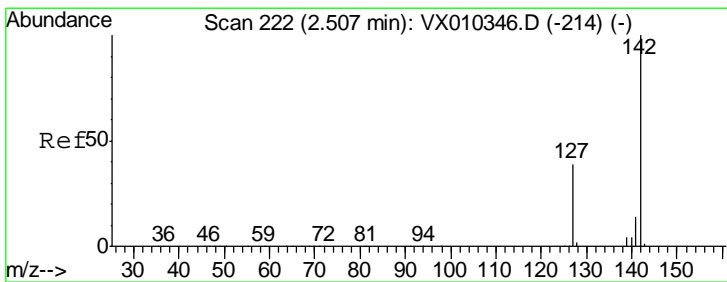
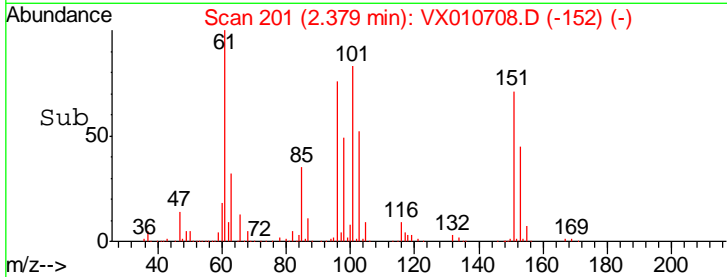
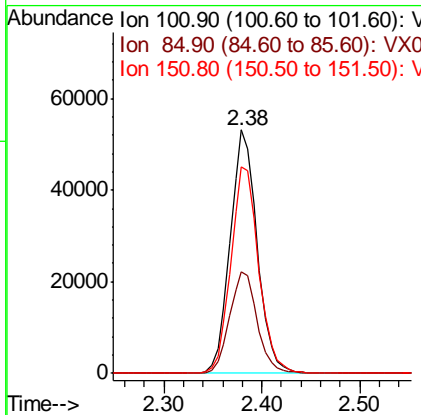
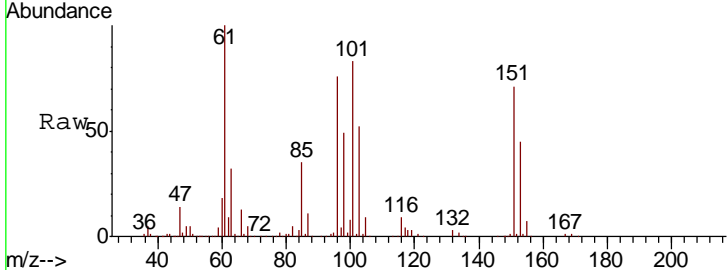
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 53.221 ug/l  
 RT: 2.38 min Scan# 201  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
101	101675		
85	42.4	33.7	50.5
151	87.5	70.1	105.1

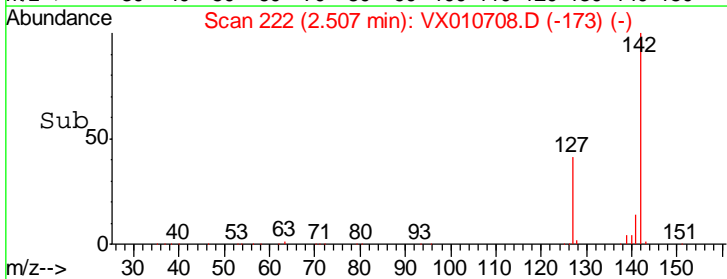
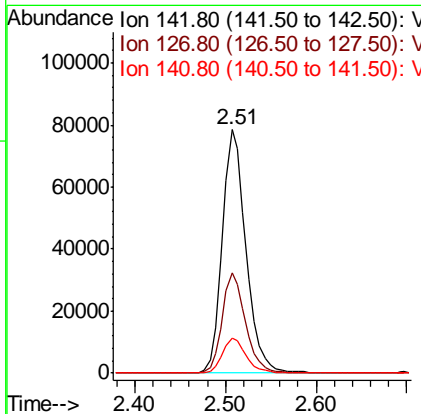
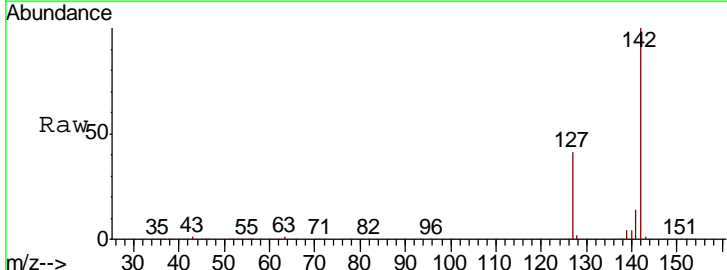
**Manual Integrations**  
**APPROVED**

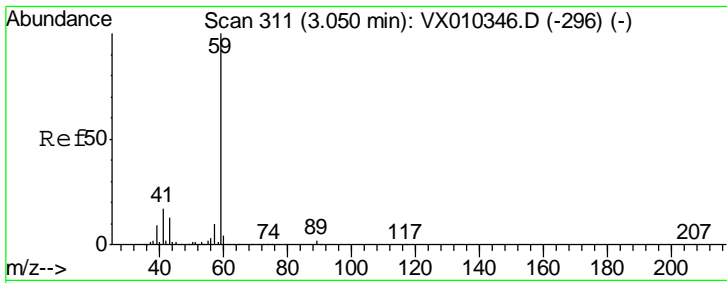
MMDadoda  
 7/9/2019 11:12:36 AM



#10  
 Methyl Iodide  
 Concen: 52.355 ug/l  
 RT: 2.51 min Scan# 222  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
142	142744		
127	40.4	31.1	46.7
141	14.3	11.2	16.8



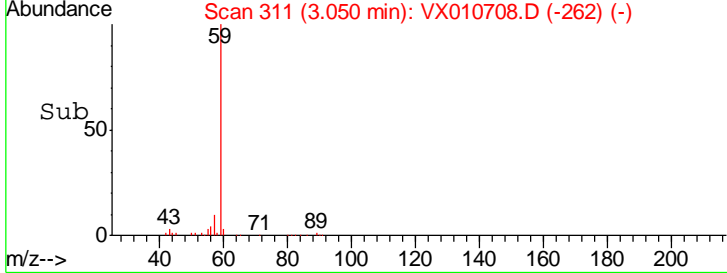
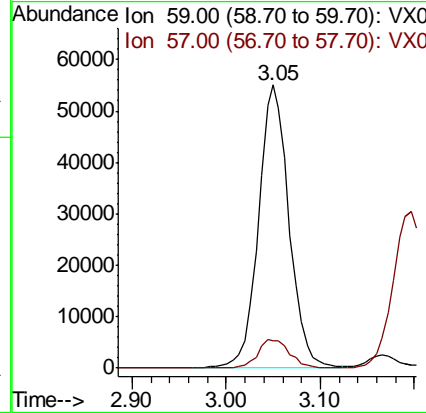
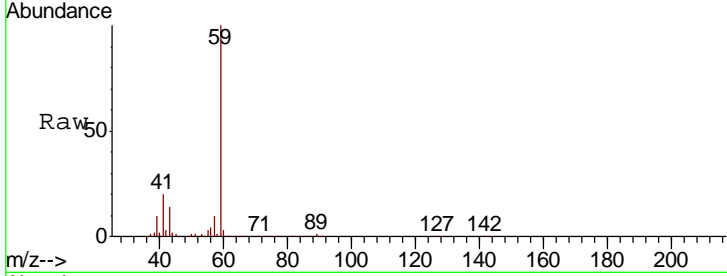


#11  
 Tert butyl alcohol  
 Concen: 228.008 ug/l  
 RT: 3.05 min Scan# 311  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

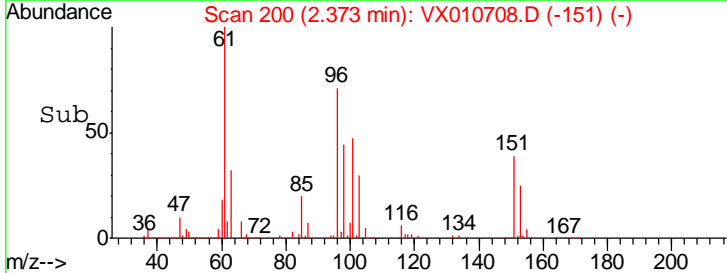
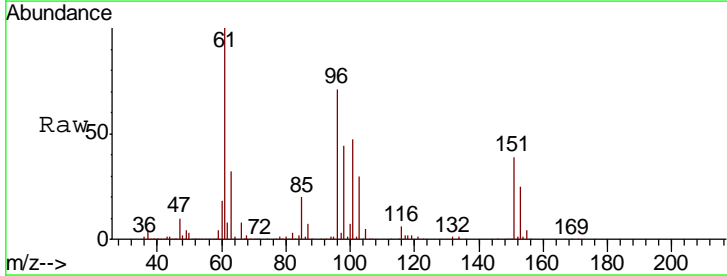
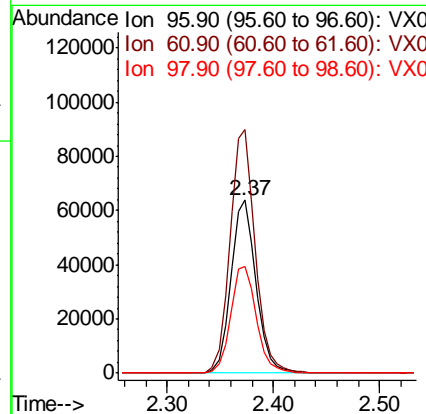
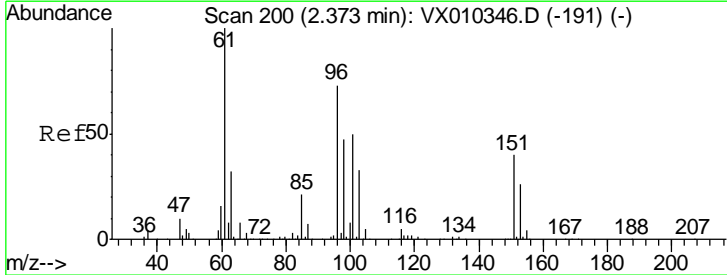
Tgt Ion	Resp	Lower	Upper
59	125458		
57	10.6	7.7	11.5

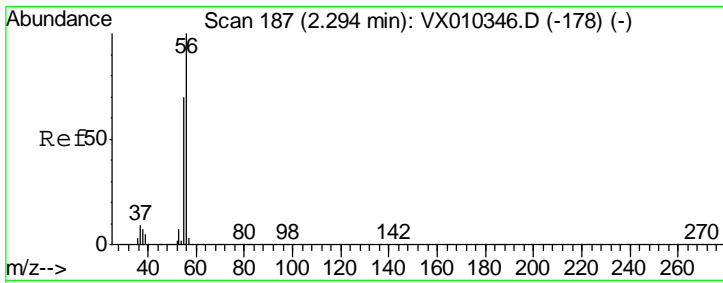
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/9/2019 11:12:36 AM



#12  
 1,1-Dichloroethene  
 Concen: 54.218 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

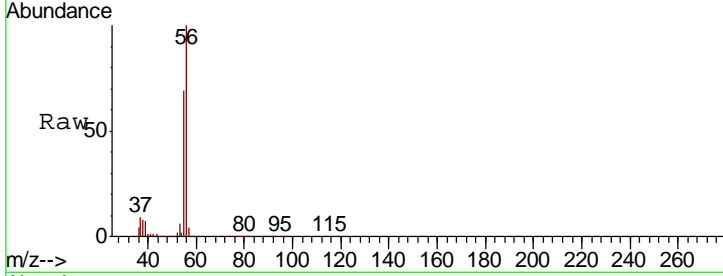
Tgt Ion	Resp	Lower	Upper
96	105399		
61	140.8	109.2	163.8
98	62.0	51.1	76.7





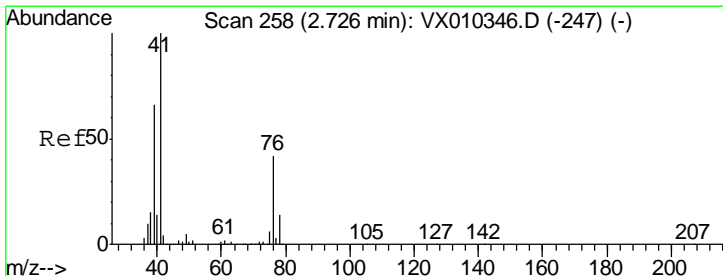
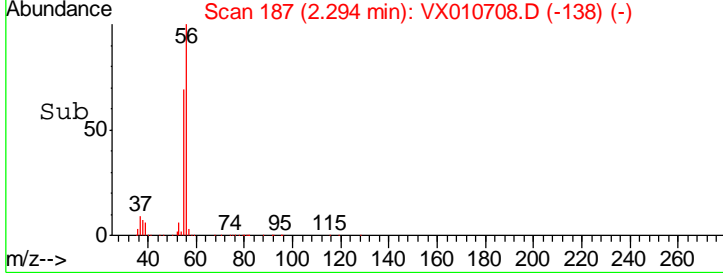
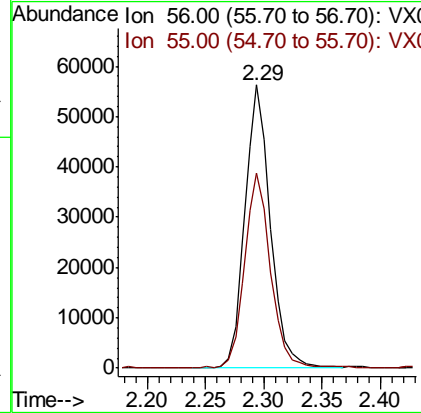
#13  
 Acrolein  
 Concen: 236.184 ug/l  
 RT: 2.29 min Scan# 187  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

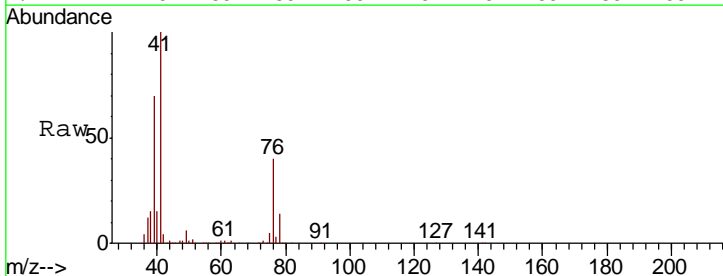


Tgt Ion: 56 Resp: 86210  
 Ion Ratio Lower Upper  
 56 100  
 55 69.2 56.9 85.3

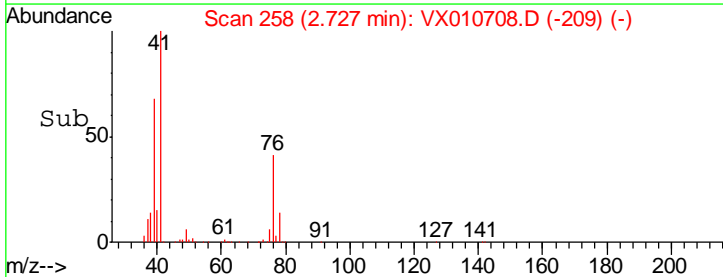
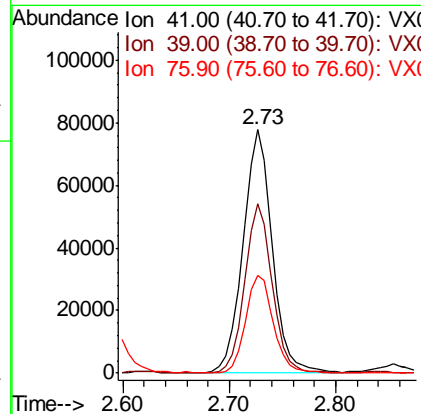
Manual Integrations APPROVED  
 MMDadoda  
 7/9/2019 11:12:36 AM

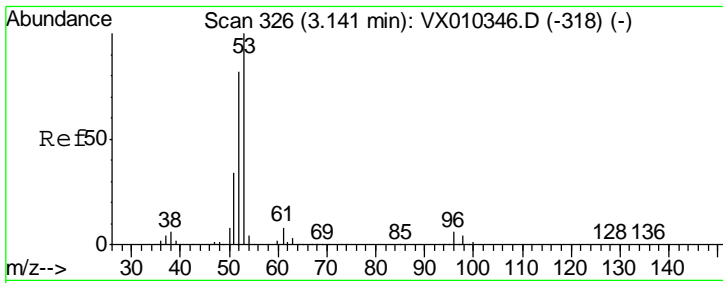


#14  
 Allyl chloride  
 Concen: 54.129 ug/l  
 RT: 2.73 min Scan# 258  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06



Tgt Ion: 41 Resp: 149389  
 Ion Ratio Lower Upper  
 41 100  
 39 65.3 50.3 75.5  
 76 38.7 31.3 46.9





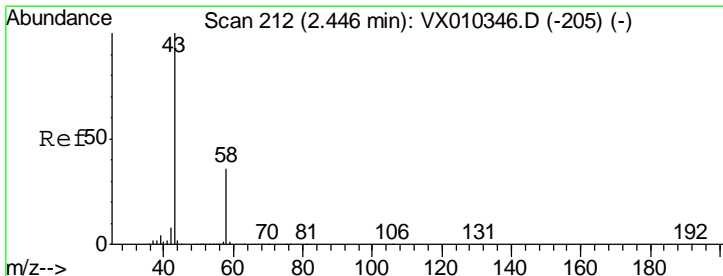
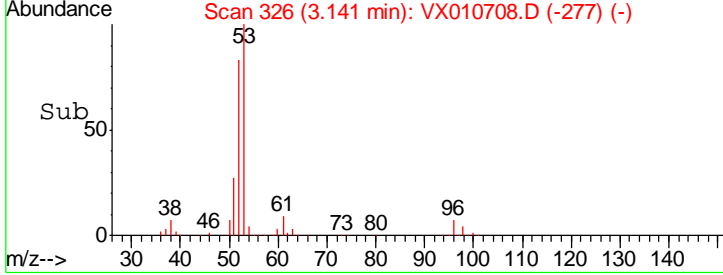
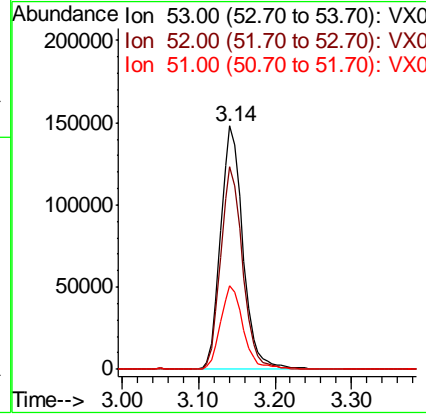
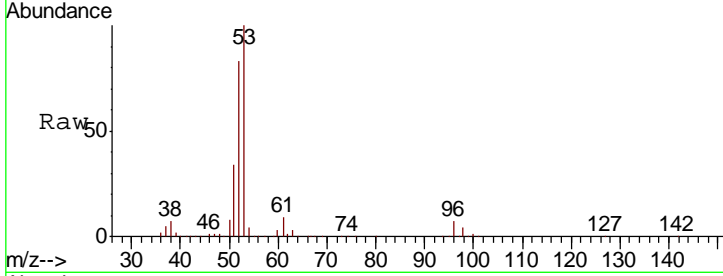
#15  
 Acrylonitrile  
 Concen: 273.867 ug/l  
 RT: 3.14 min Scan# 326  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
53	100		
52	82.5	65.5	98.3
51	35.0	28.2	42.4

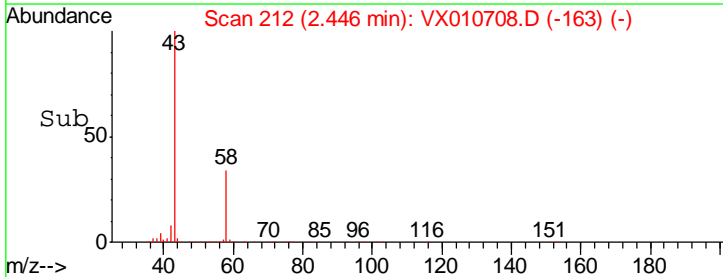
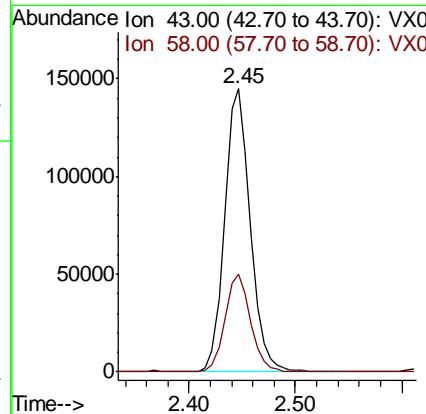
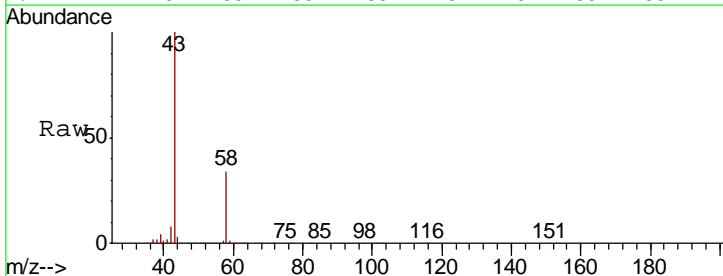
**Manual Integrations**  
**APPROVED**

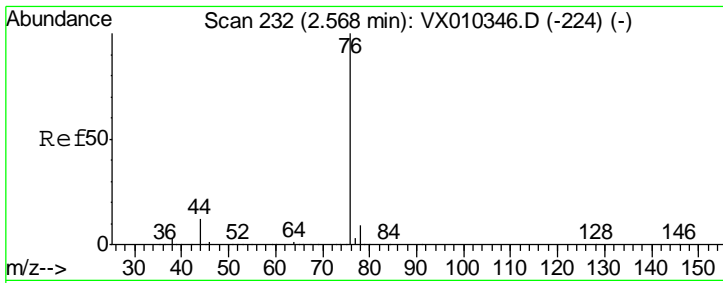
MMDadoda  
 7/9/2019 11:12:36 AM



#16  
 Acetone  
 Concen: 228.502 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
43	100		
58	34.3	28.9	43.3



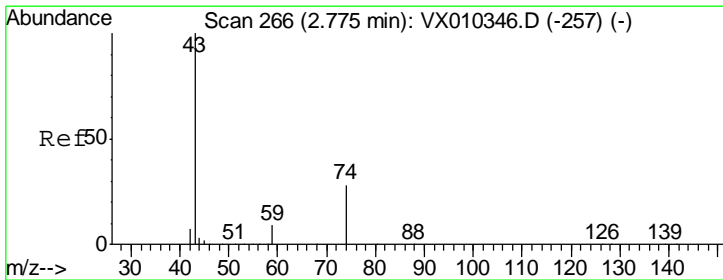
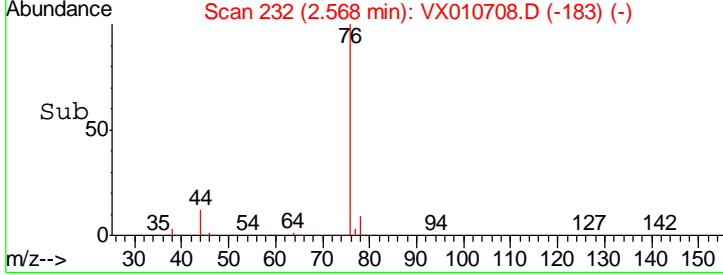
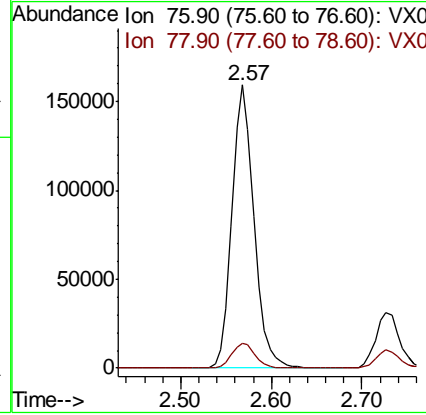
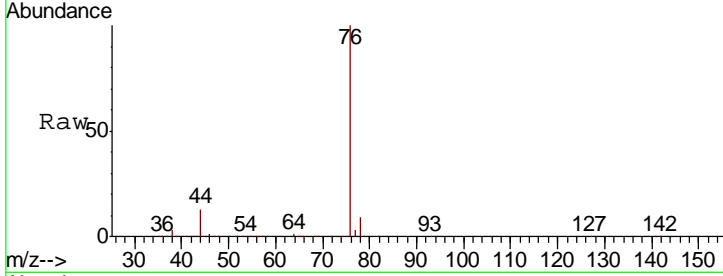


#17  
 Carbon Disulfide  
 Concen: 51.523 ug/l  
 RT: 2.57 min Scan# 232  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

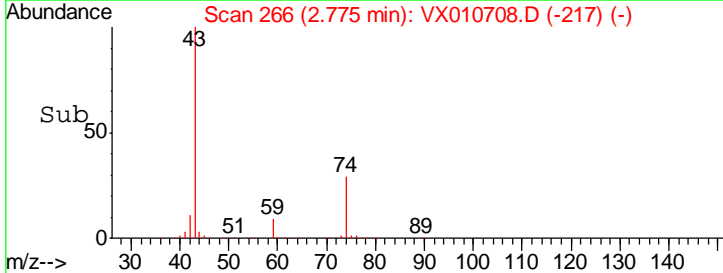
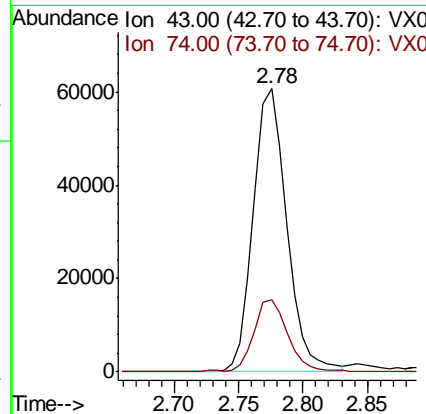
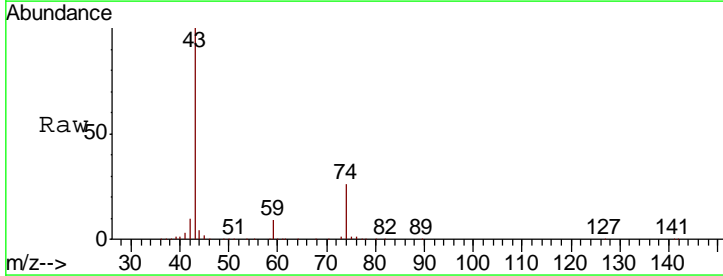
Tgt Ion	Resp	Lower	Upper
76	268715		
78	8.8	7.3	10.9

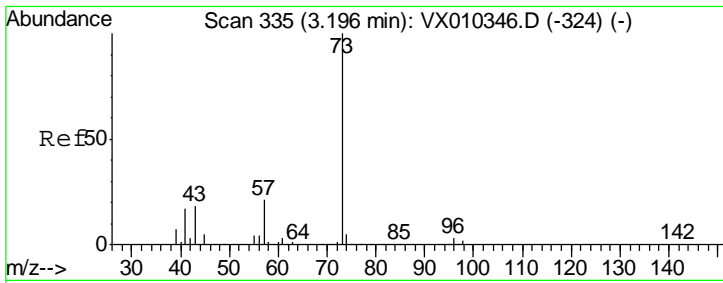
**Manual Integrations**  
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#18  
 Methyl Acetate  
 Concen: 51.897 ug/l  
 RT: 2.78 min Scan# 266  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
43	109005		
74	26.3	21.3	31.9





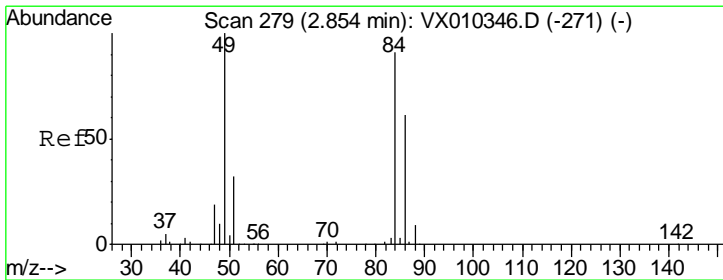
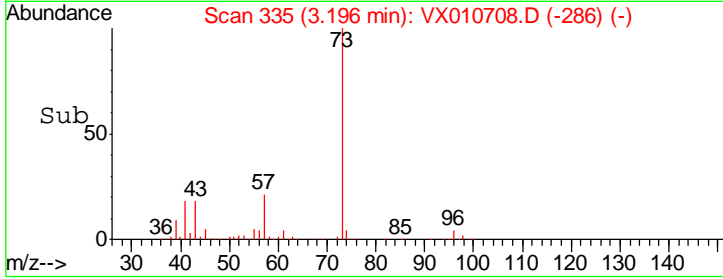
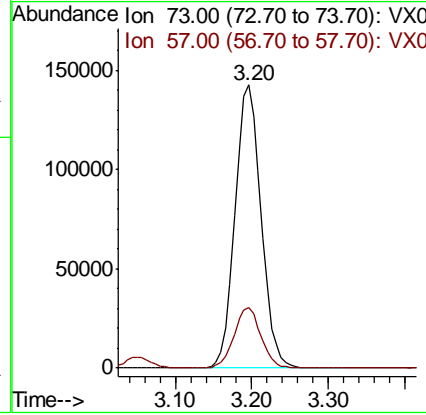
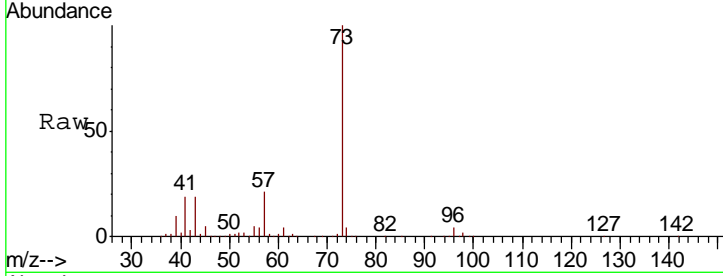
#19  
 Methyl tert-butyl Ether  
 Concen: 54.778 ug/l  
 RT: 3.20 min Scan# 335  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
73	100		
57	21.4	16.4	24.6

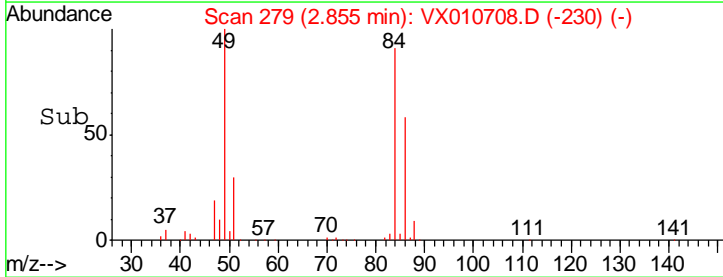
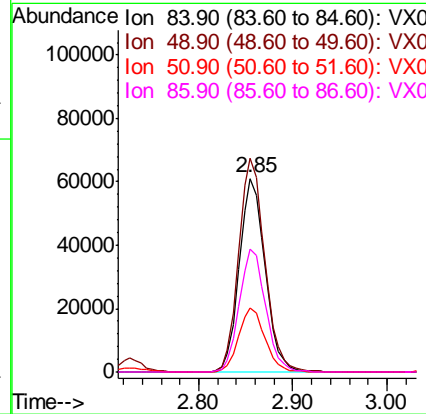
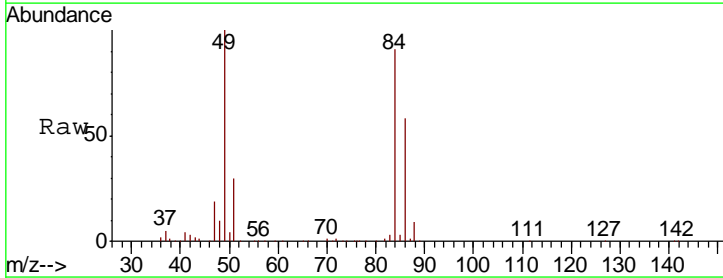
**Manual Integrations**  
**APPROVED**

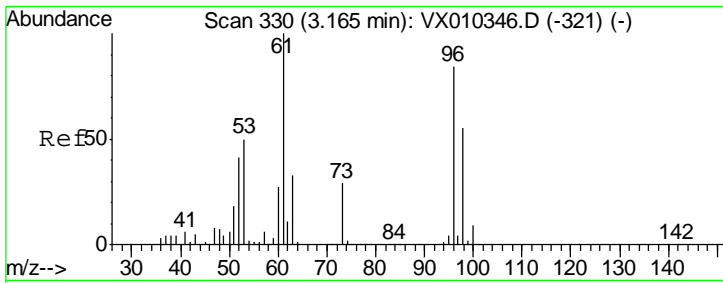
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 7/9/2019 11:12:36 AM



#20  
 Methylene Chloride  
 Concen: 53.744 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
84	100		
49	110.3	87.5	131.3
51	33.3	27.7	41.5
86	63.6	53.4	80.0





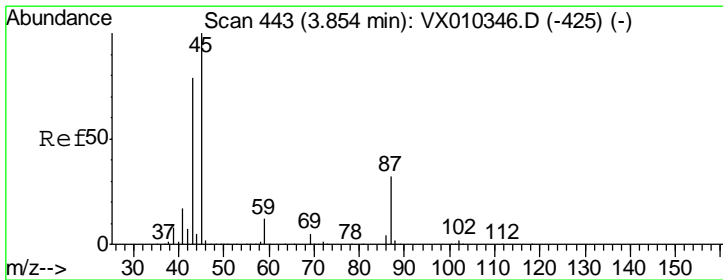
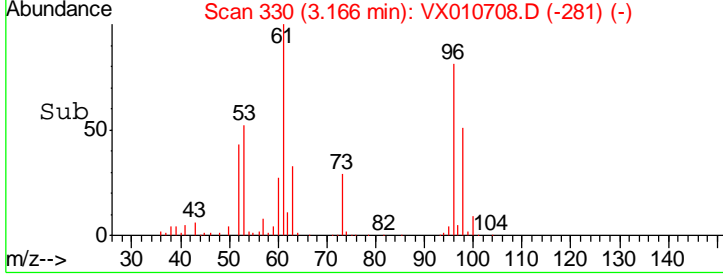
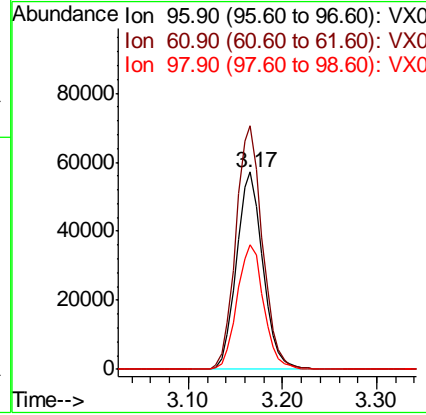
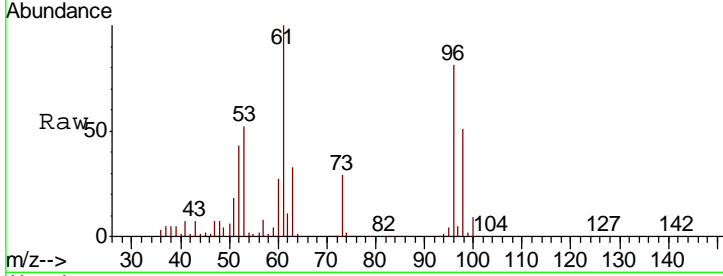
#21  
 trans-1,2-Dichloroethene  
 Concen: 53.337 ug/l  
 RT: 3.17 min Scan# 330  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
96	111514		
61	123.3	95.6	143.4
98	63.3	52.5	78.7

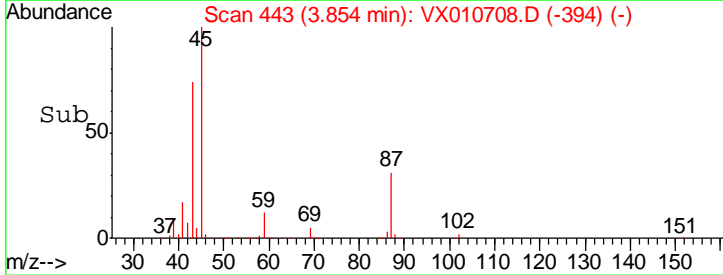
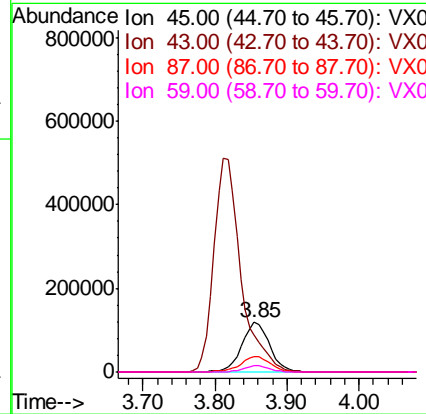
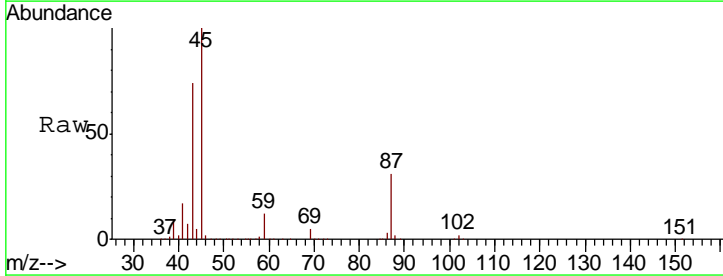
Manual Integrations  
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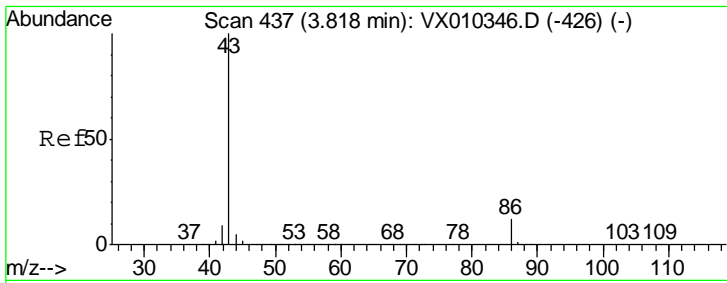
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#22  
 Diisopropyl ether  
 Concen: 55.498 ug/l  
 RT: 3.85 min Scan# 443  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
45	320238		
43	73.4	63.3	94.9
87	31.5	25.8	38.8
59	11.6	9.6	14.4





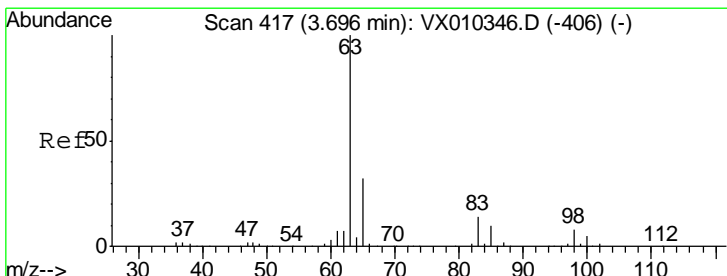
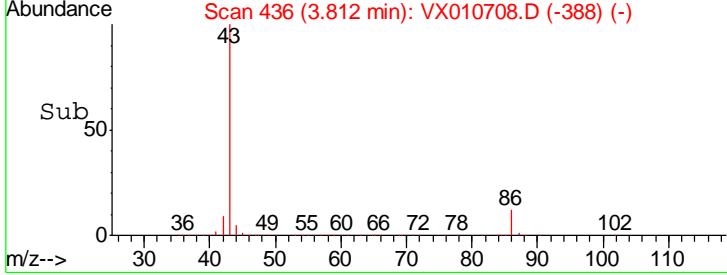
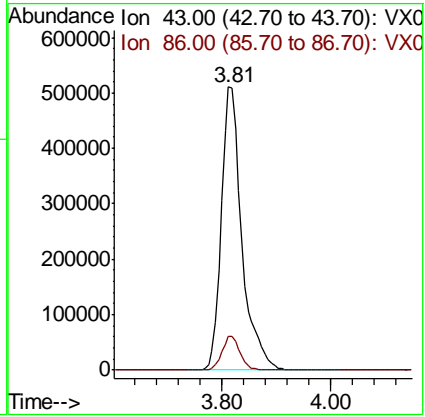
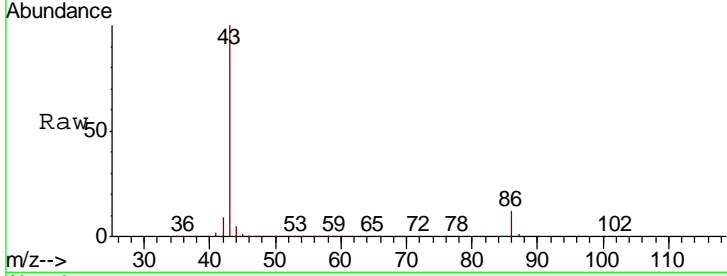
#23  
 Vinyl Acetate  
 Concen: 268.332 ug/l  
 RT: 3.81 min Scan# 436  
 Delta R.T. -0.01 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion: 43 Resp: 1337607

Ion	Ratio	Lower	Upper
43	100		
86	11.8	9.9	14.9

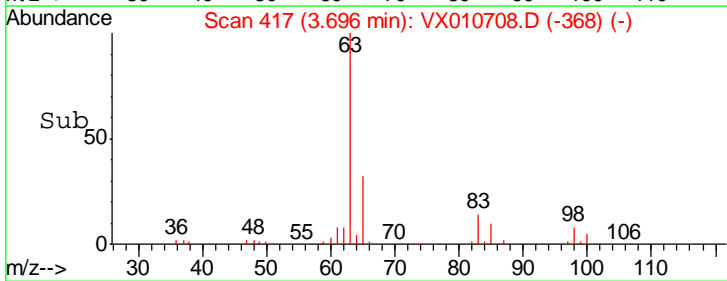
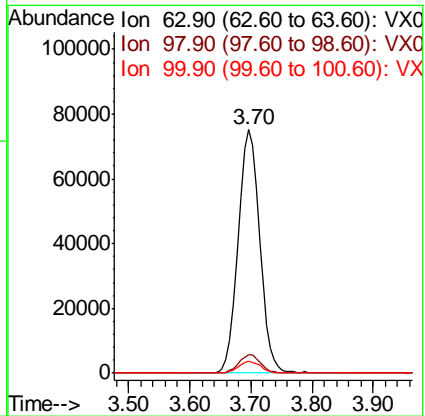
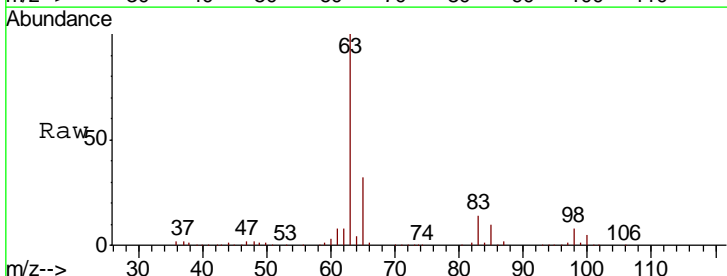
**Manual Integrations**  
**APPROVED**  
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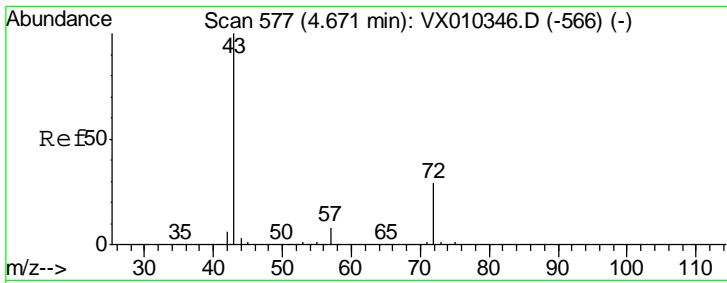
#24  
 1,1-Dichloroethane  
 Concen: 54.646 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 63 Resp: 182266

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.9	11.7
100	4.7	2.4	7.1





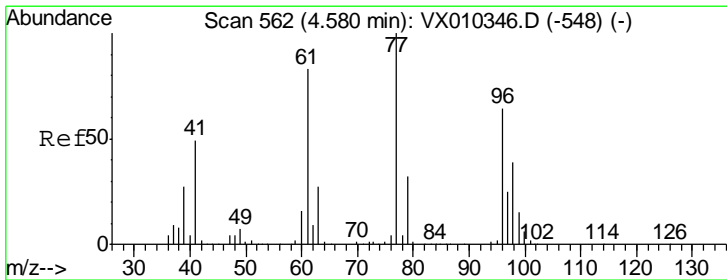
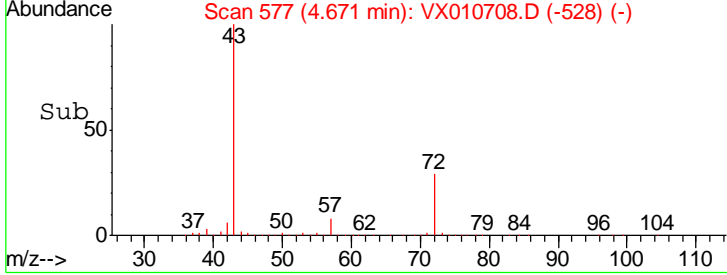
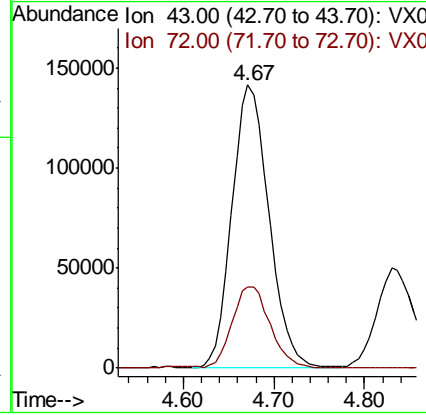
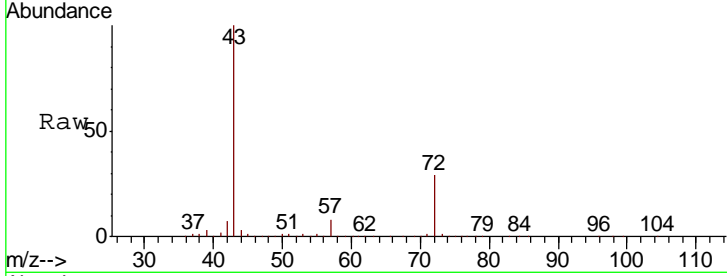


#25  
 2-Butanone  
 Concen: 259.192 ug/l  
 RT: 4.67 min Scan# 577  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

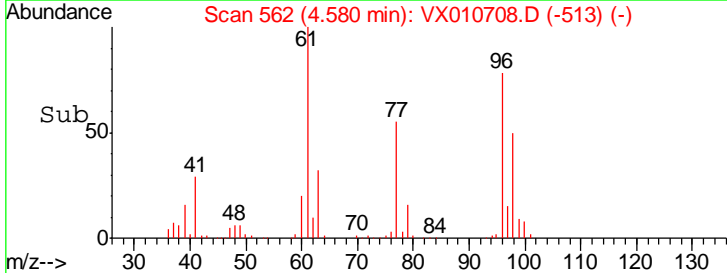
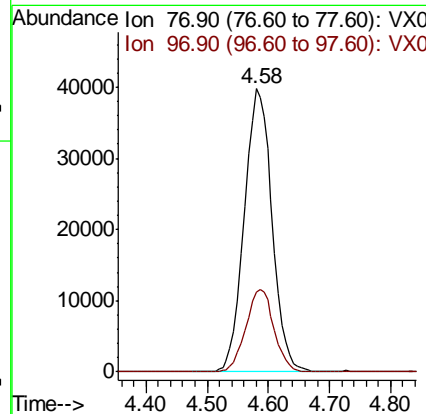
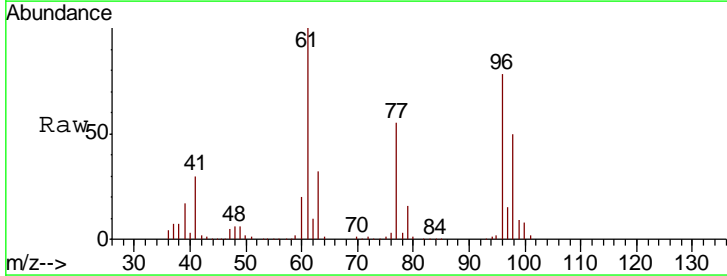
Tgt Ion: 43 Resp: 400679  
 Ion Ratio Lower Upper  
 43 100  
 72 28.7 23.3 34.9

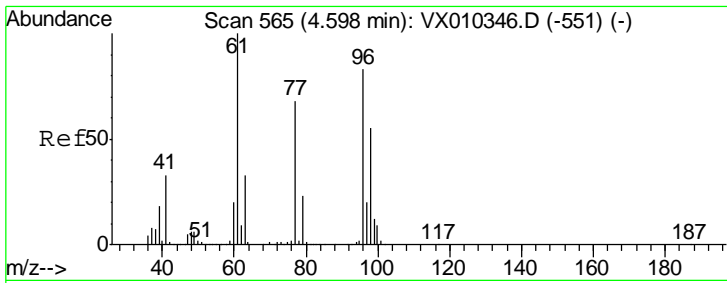
Manual Integrations APPROVED  
 MMDadoda  
 7/9/2019 11:12:36 AM



#26  
 2,2-Dichloropropane  
 Concen: 43.133 ug/l  
 RT: 4.58 min Scan# 562  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 77 Resp: 124977  
 Ion Ratio Lower Upper  
 77 100  
 97 29.6 13.1 39.3





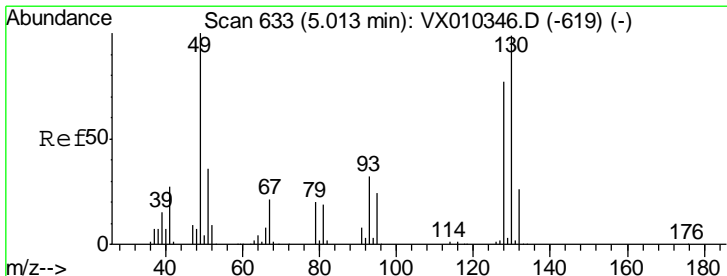
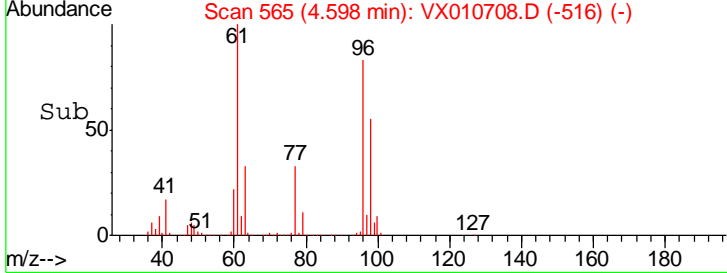
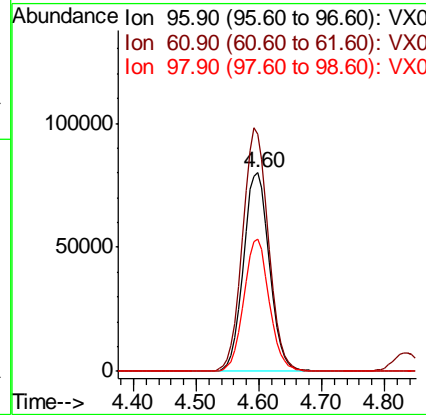
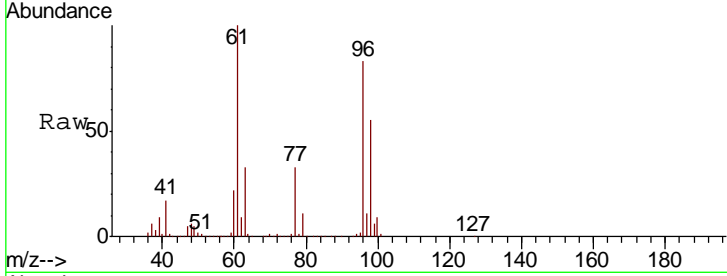
#27  
 cis-1,2-Dichloroethene  
 Concen: 95.055 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
96	229657		
61	100	0.0	251.8
98	65.2	0.0	129.4

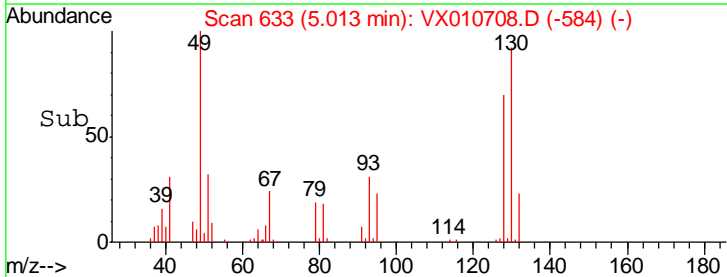
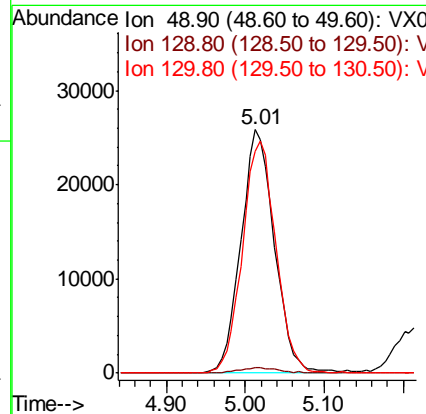
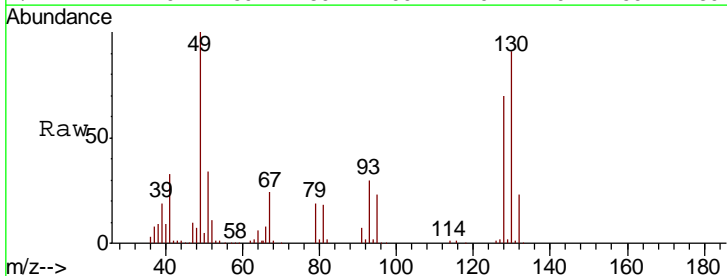
**Manual Integrations**  
**APPROVED**

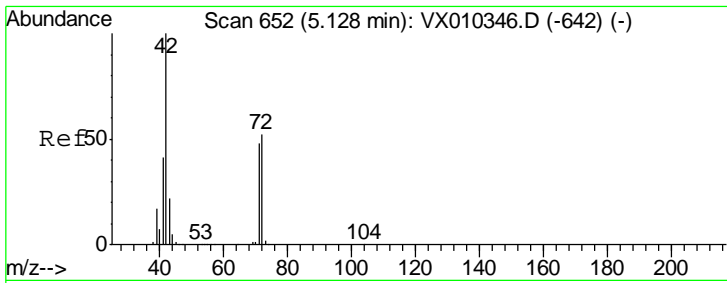
MMDadoda  
 7/9/2019 11:12:36 AM



#28  
 Bromochloromethane  
 Concen: 47.852 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
49	76311		
129	2.6	0.0	5.6
130	95.4	81.4	122.0





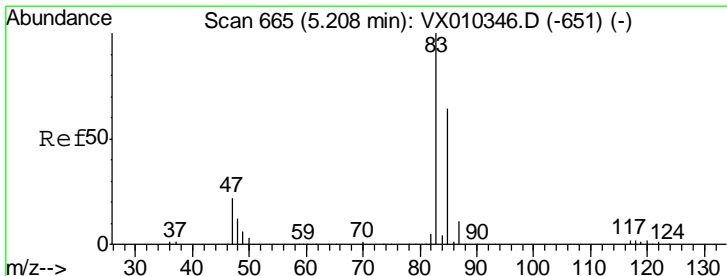
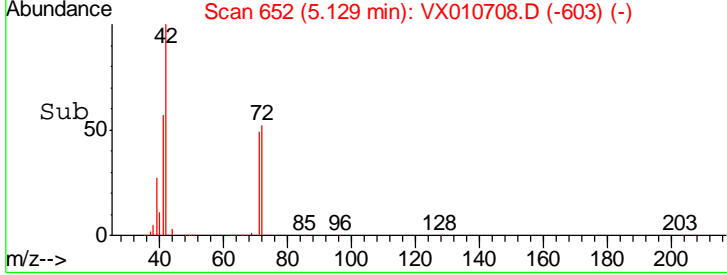
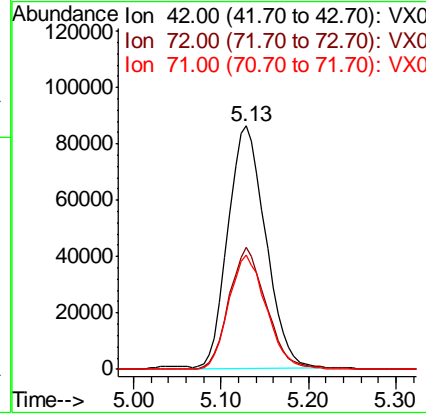
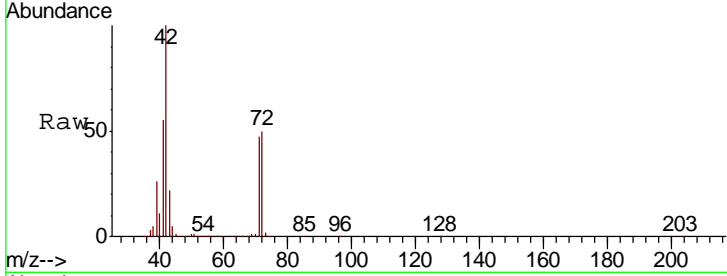
#29  
 Tetrahydrofuran  
 Concen: 269.990 ug/l  
 RT: 5.13 min Scan# 652  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
42	100		
72	50.0	40.6	60.8
71	46.9	37.8	56.8

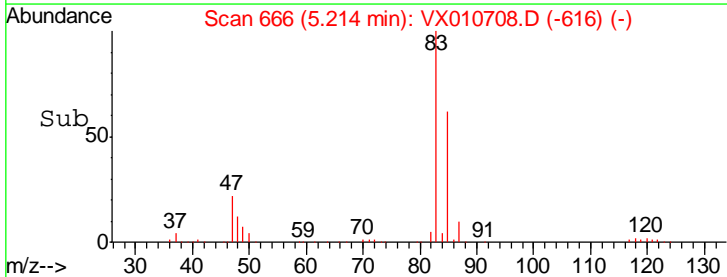
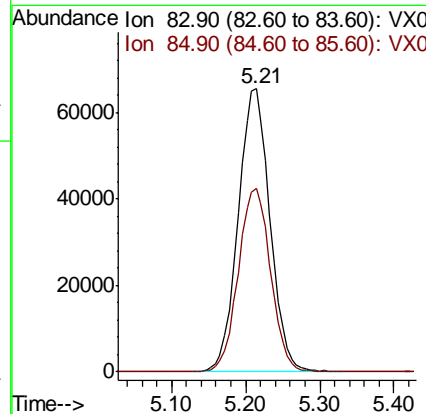
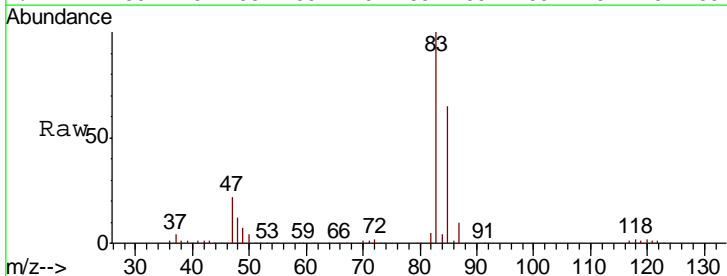
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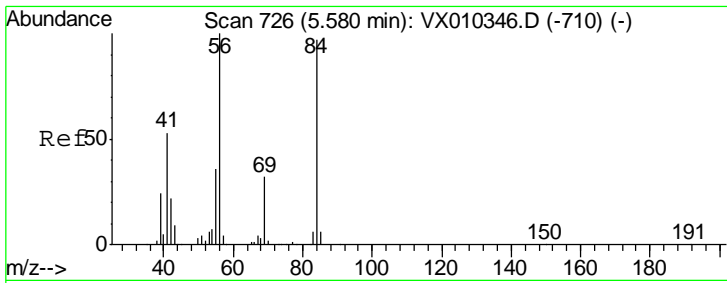
MMDadoda  
 7/9/2019 11:12:36 AM



#30  
 Chloroform  
 Concen: 54.642 ug/l  
 RT: 5.21 min Scan# 666  
 Delta R.T. 0.01 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.7	50.9	76.3





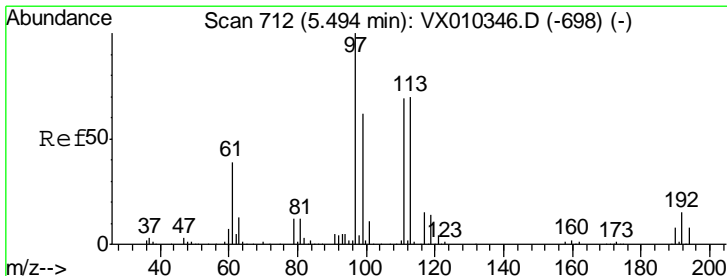
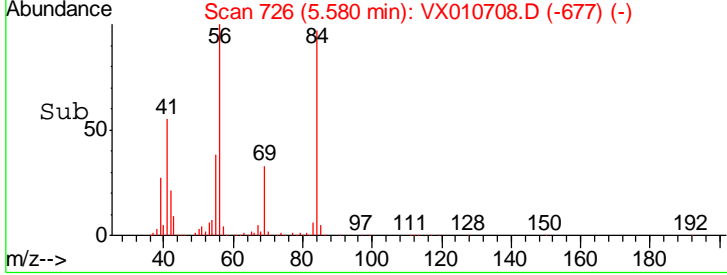
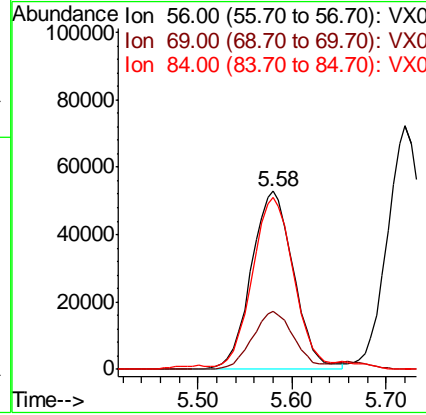
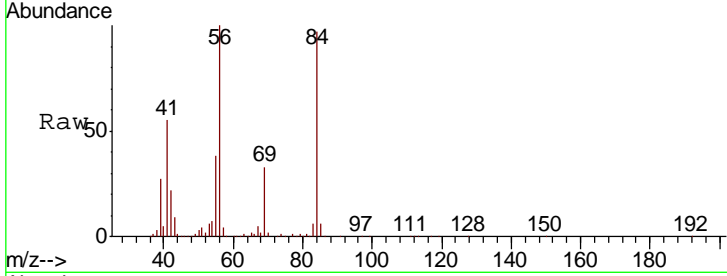
#31  
 Cyclohexane  
 Concen: 54.676 ug/l  
 RT: 5.58 min Scan# 726  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
56	166071		
69	32.8	25.9	38.9
84	94.5	78.0	117.0

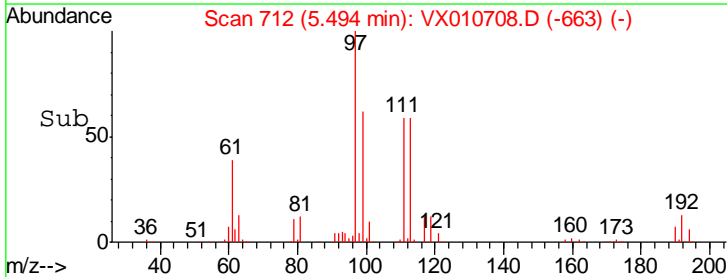
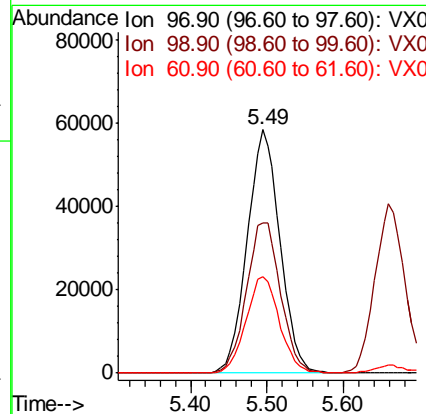
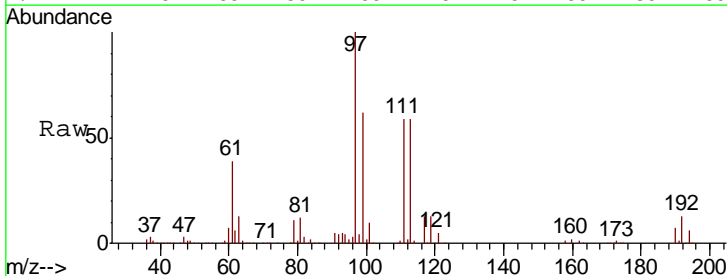
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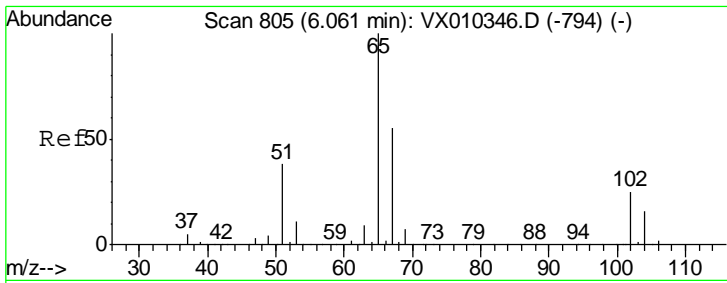
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#32  
 1,1,1-Trichloroethane  
 Concen: 54.927 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
97	174053		
99	64.5	51.8	77.8
61	40.8	32.1	48.1





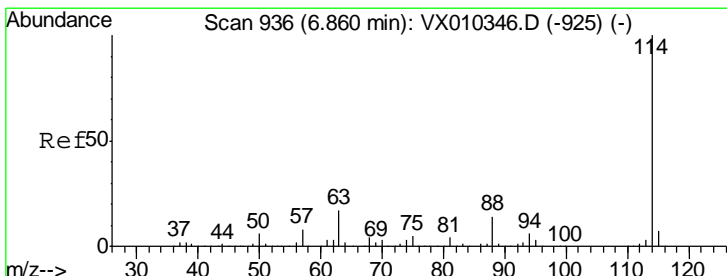
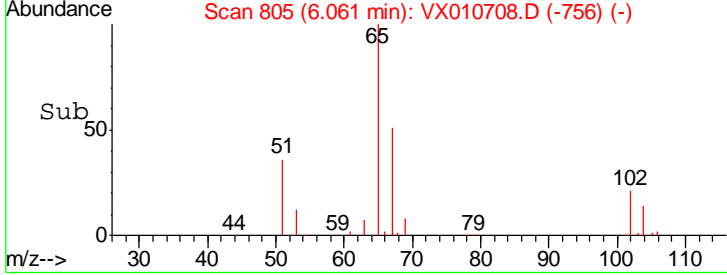
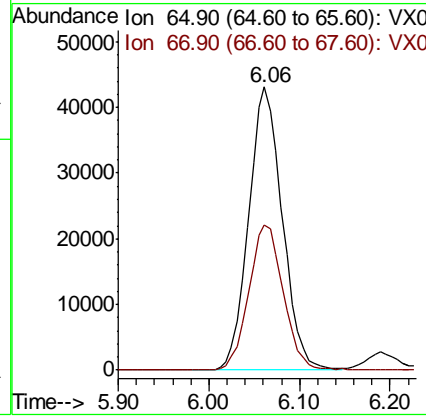
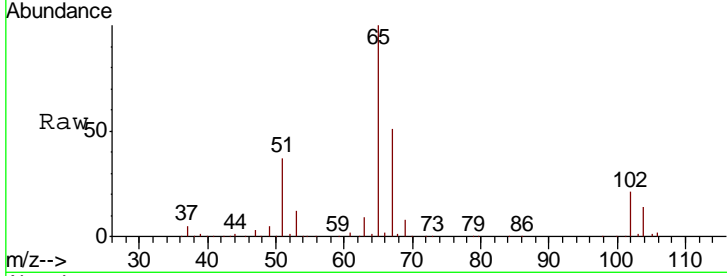
#33  
 1,2-Dichloroethane-d4  
 Concen: 52.495 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

Tgt Ion: 65 Resp: 110386

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	110.2

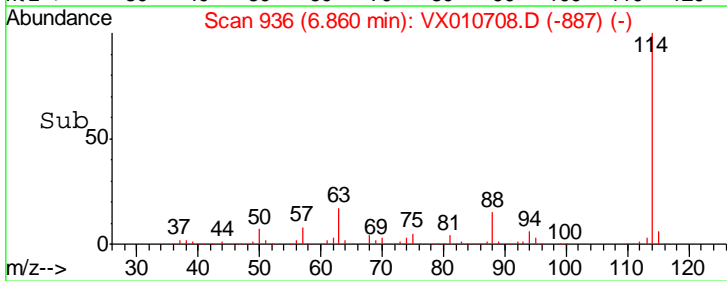
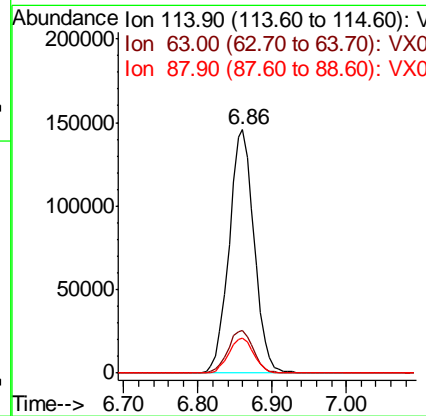
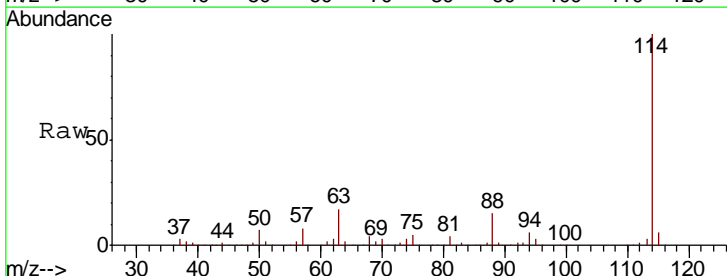
Manual Integrations APPROVED  
 MMDadoda  
 7/9/2019 11:12:36 AM

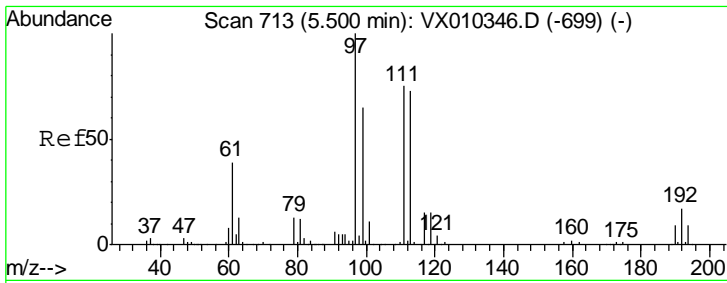


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 114 Resp: 341790

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	33.8
88	14.6	0.0	27.6





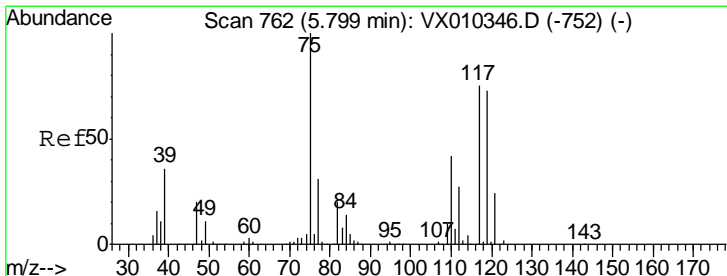
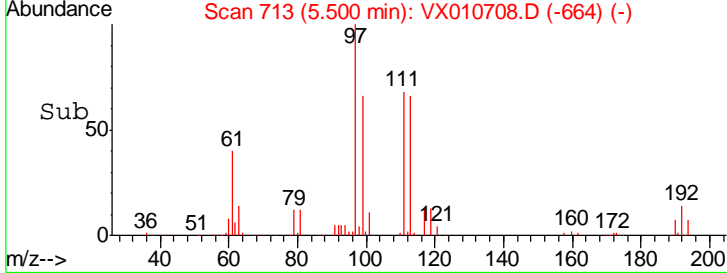
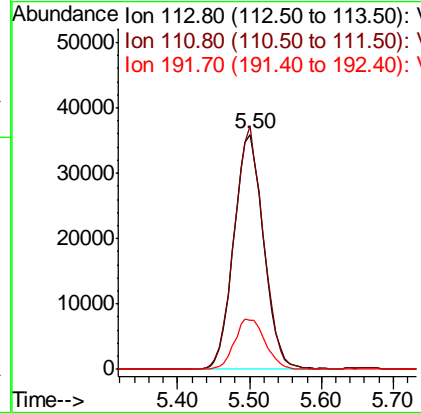
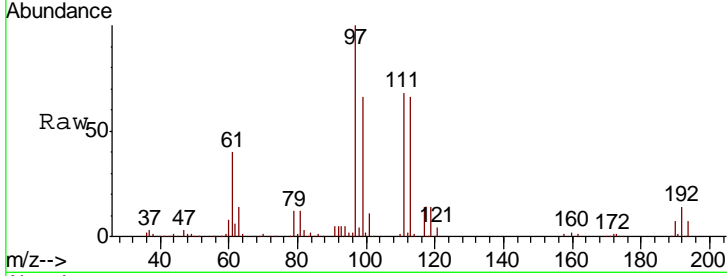
#35  
 Dibromofluoromethane  
 Concen: 49.521 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
113	103559		
113	100		
111	100.9	81.2	121.8
192	22.0	18.6	27.8

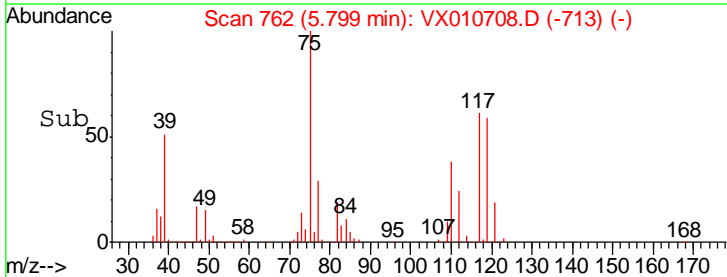
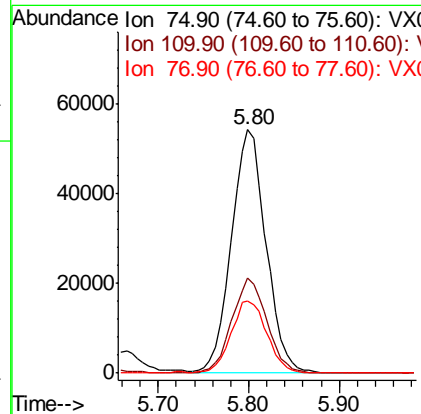
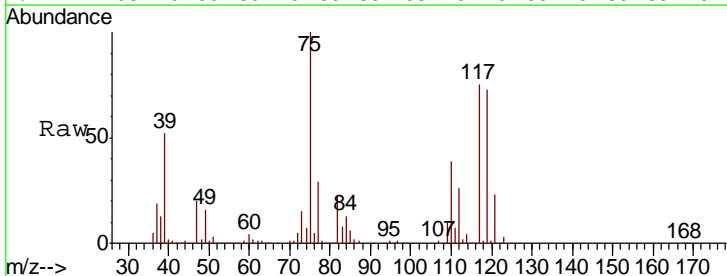
Manual Integrations  
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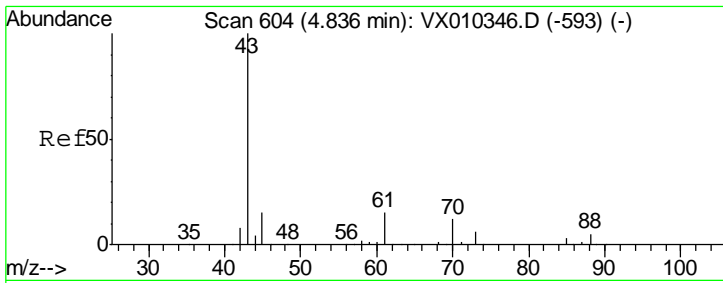
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#36  
 1,1-Dichloropropene  
 Concen: 52.696 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
75	143124		
75	100		
110	39.5	20.8	62.2
77	31.1	25.4	38.0





#37  
 Ethyl Acetate  
 Concen: 51.624 ug/l  
 RT: 4.83 min Scan# 603  
 Delta R.T. -0.01 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

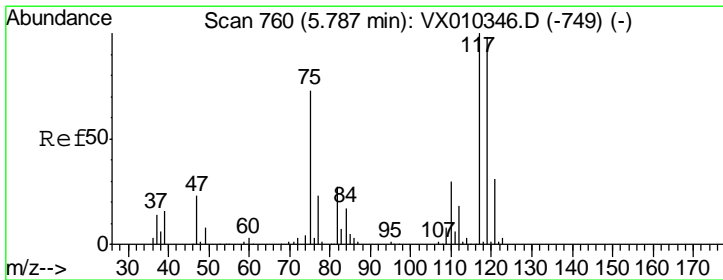
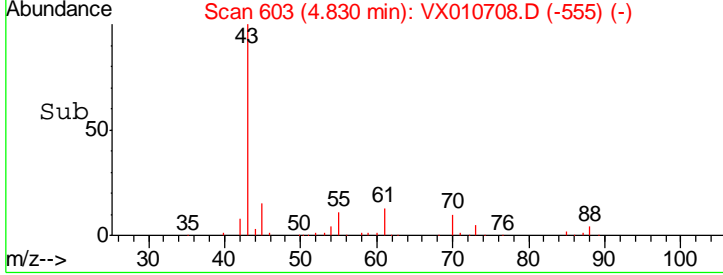
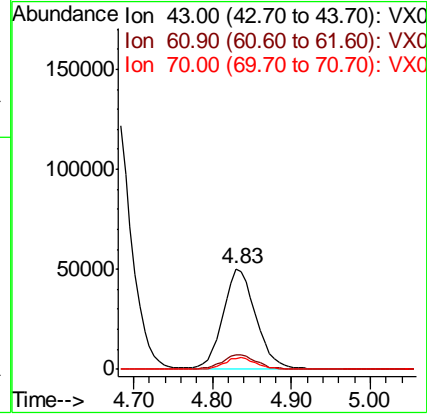
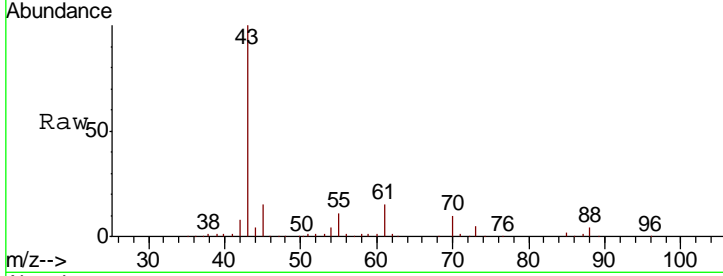
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 SS038RW151-190702MSD

Tgt Ion: 43 Resp: 144246

Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.4	18.6
70	11.9	9.8	14.8

Manual Integrations  
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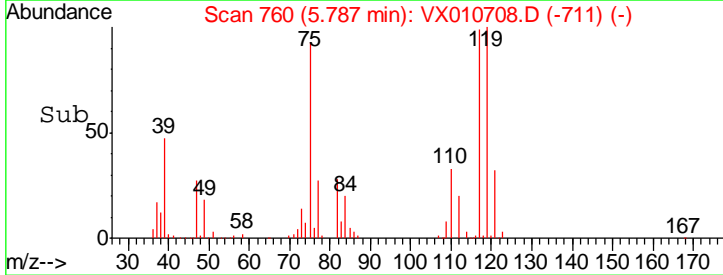
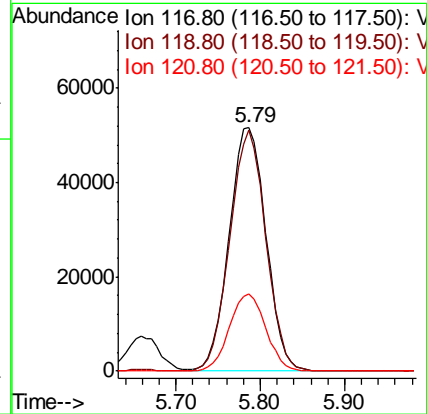
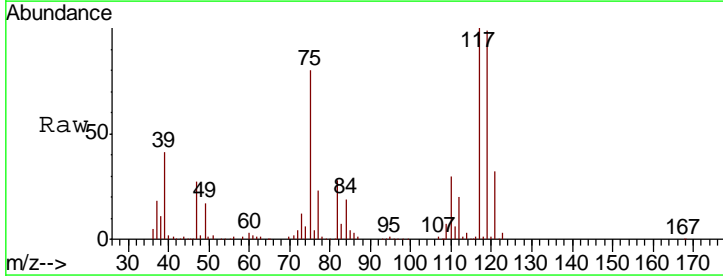
MMDadoda  
 7/9/2019 11:12:36 AM

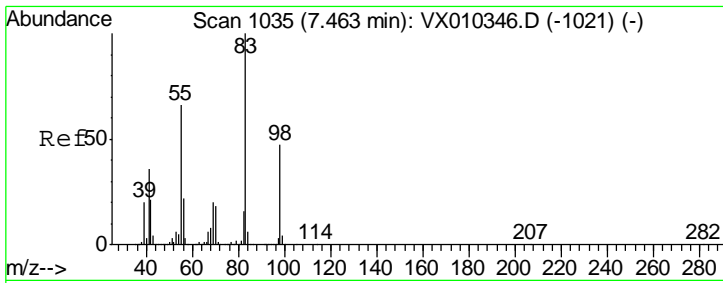


#38  
 Carbon Tetrachloride  
 Concen: 52.287 ug/l  
 RT: 5.79 min Scan# 760  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 117 Resp: 153783

Ion	Ratio	Lower	Upper
117	100		
119	99.0	78.2	117.4
121	31.8	24.7	37.1



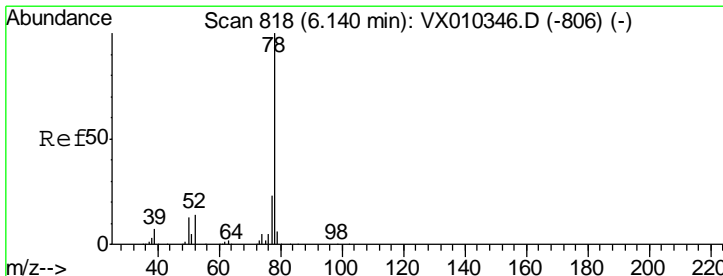
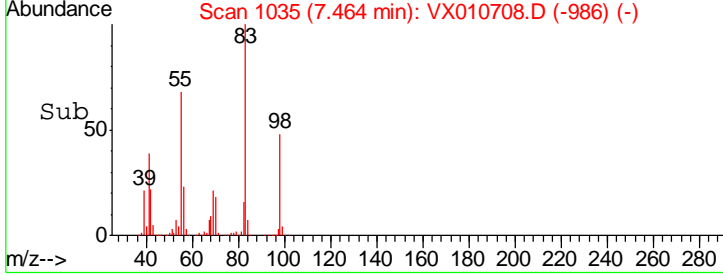
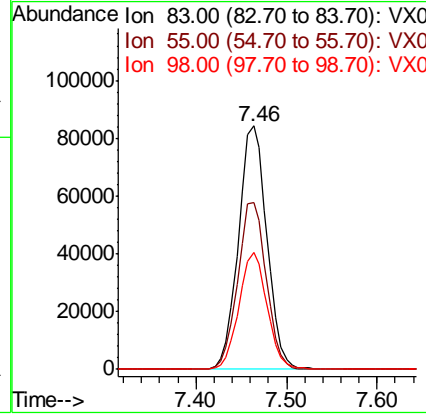
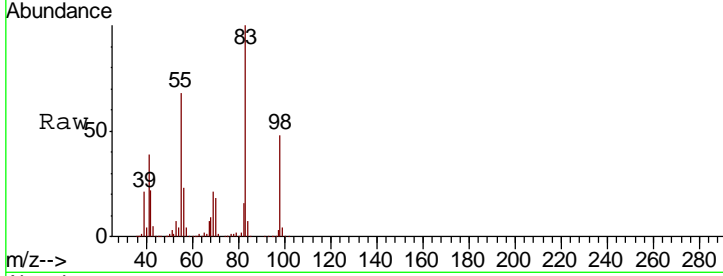


#39  
 Methylcyclohexane  
 Concen: 51.282 ug/l  
 RT: 7.46 min Scan# 1035  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

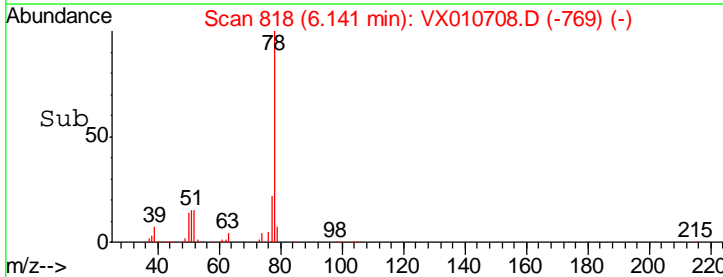
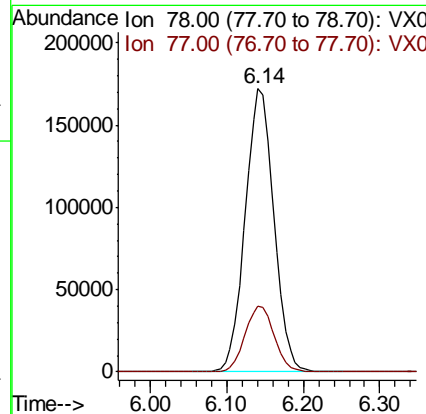
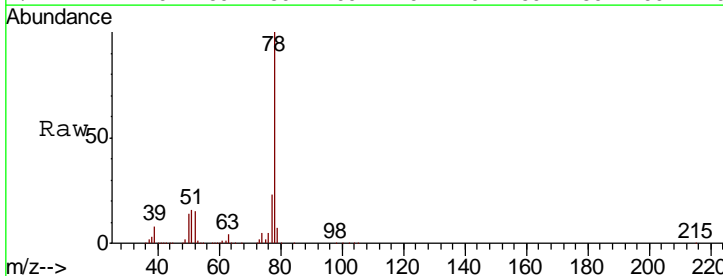
Tgt Ion	Resp	Lower	Upper
83	183086		
55	68.2	53.0	79.6
98	48.1	37.8	56.8

Manual Integrations  
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 7/9/2019 11:12:36 AM

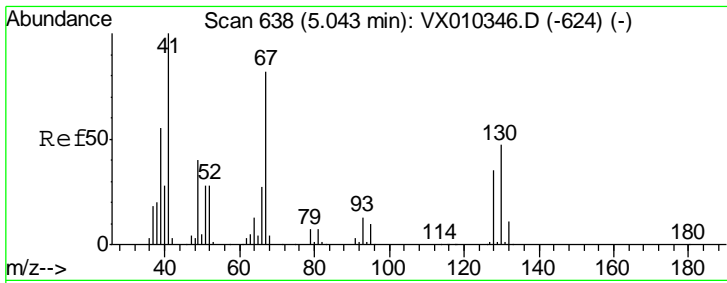


#40  
 Benzene  
 Concen: 53.060 ug/l  
 RT: 6.14 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
78	448983		
77	23.3	18.6	28.0







#41  
 Methacrylonitrile  
 Concen: 54.665 ug/l  
 RT: 5.04 min Scan# 638  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

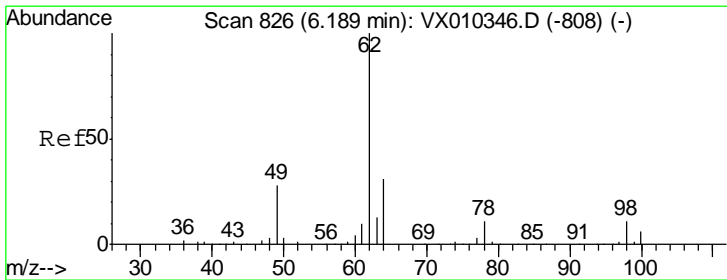
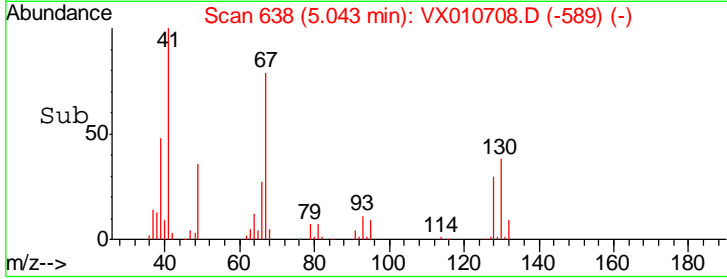
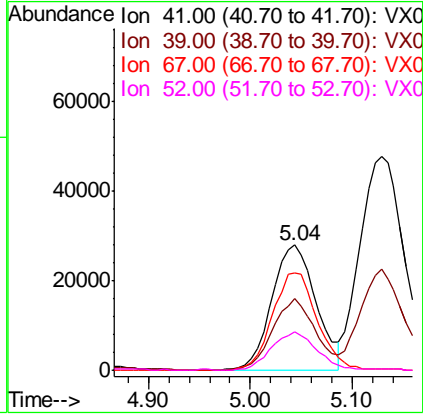
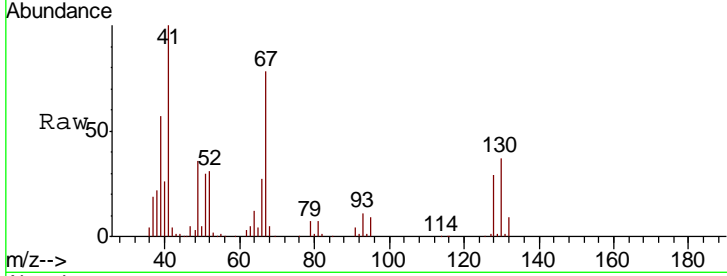
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 SS038RW151-190702MSD

Tgt Ion: 41 Resp: 83808

Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.8	65.8
67	79.4	66.6	100.0
52	31.4	24.5	36.7

Manual Integrations  
 APPROVED

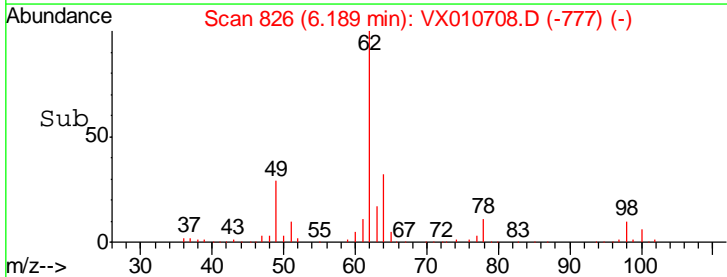
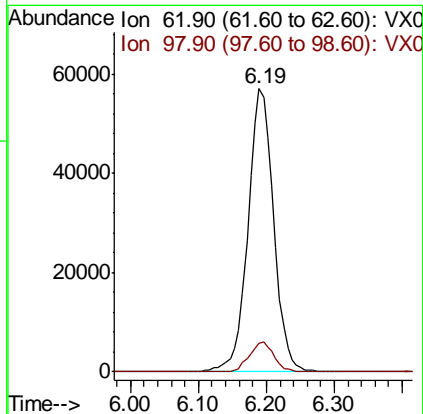
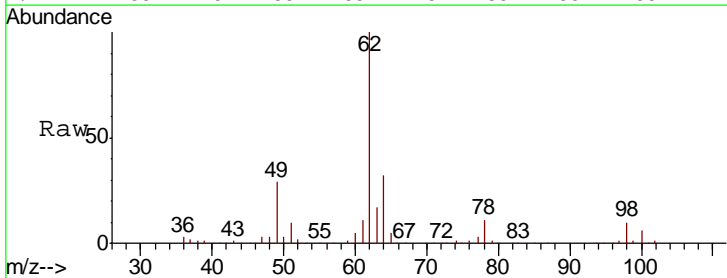
MMDadoda  
 7/9/2019 11:12:36 AM

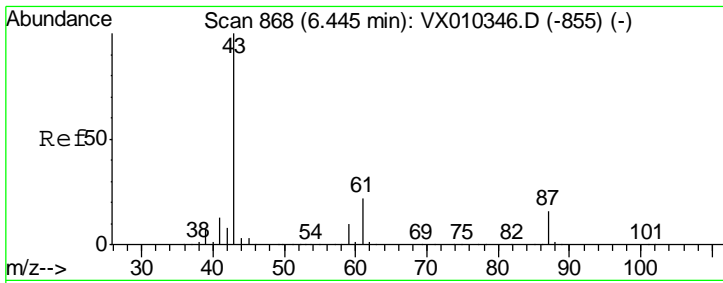


#42  
 1,2-Dichloroethane  
 Concen: 58.042 ug/l  
 RT: 6.19 min Scan# 826  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 62 Resp: 149502

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.2





#43  
 Isopropyl Acetate  
 Concen: 52.717 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

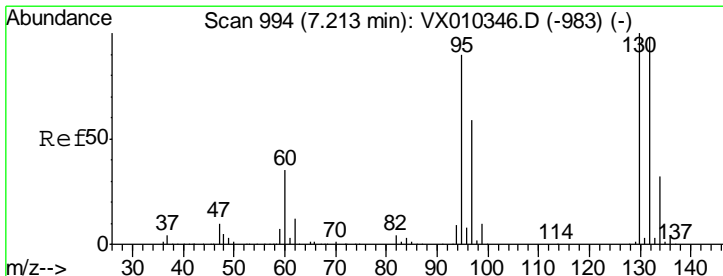
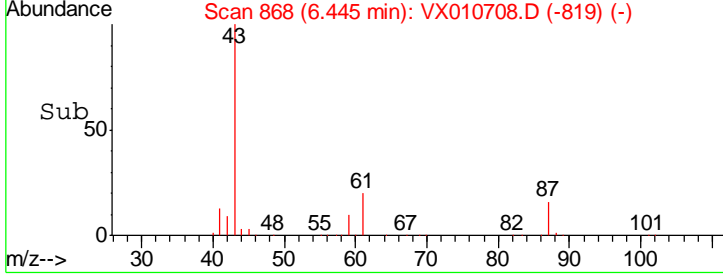
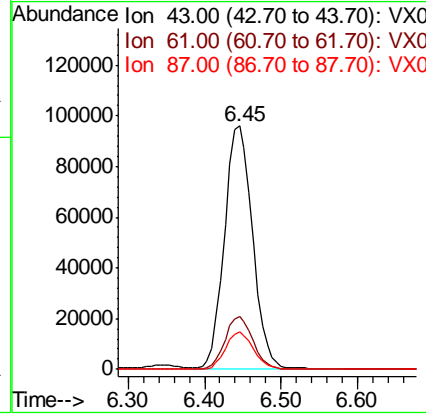
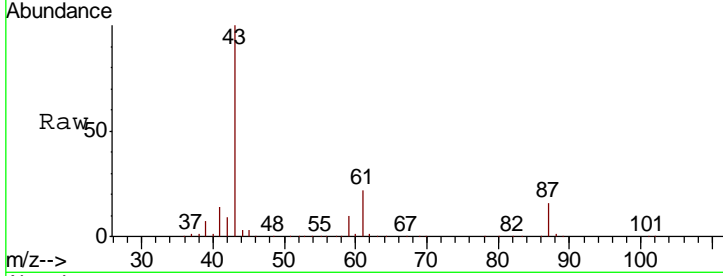
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion: 43 Resp: 243707

Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.8	26.6
87	15.4	13.0	19.4

**Manual Integrations**  
**APPROVED**

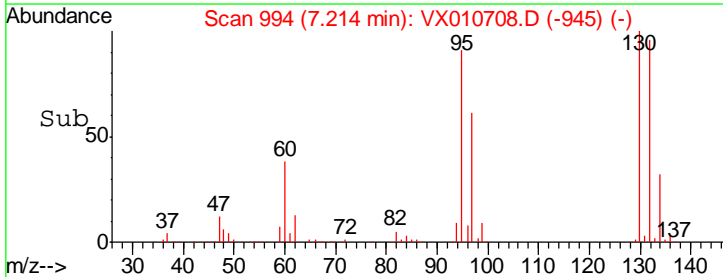
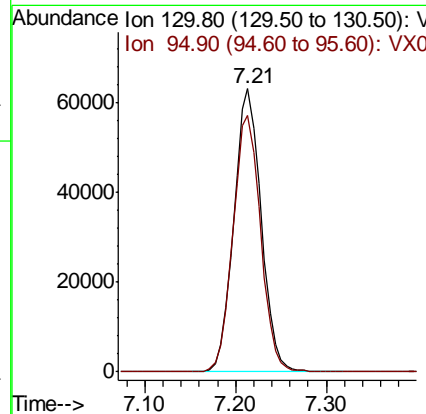
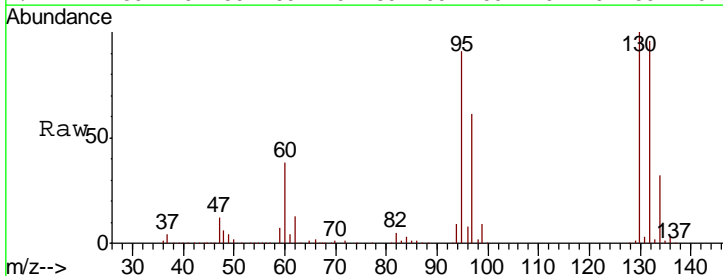
MMDadoda  
 7/9/2019 11:12:36 AM

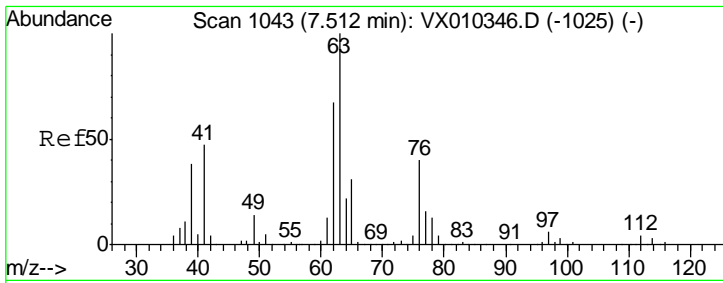


#44  
 Trichloroethene  
 Concen: 52.033 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 130 Resp: 131747

Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	180.8



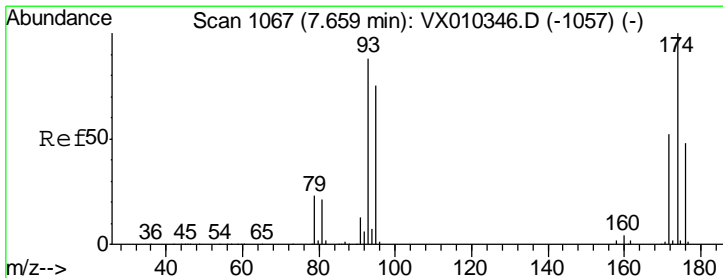
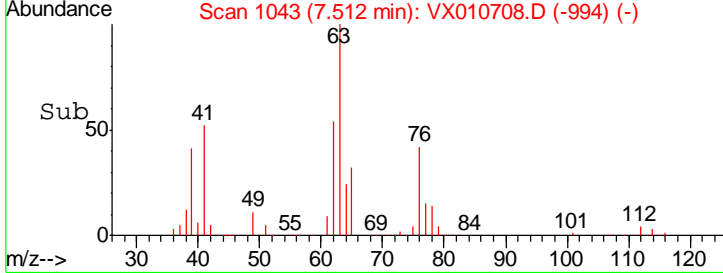
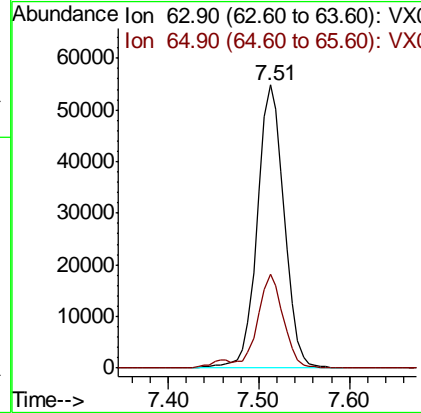
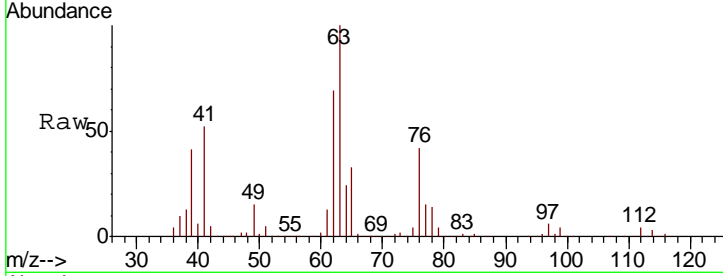


#45  
 1,2-Dichloropropane  
 Concen: 52.581 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

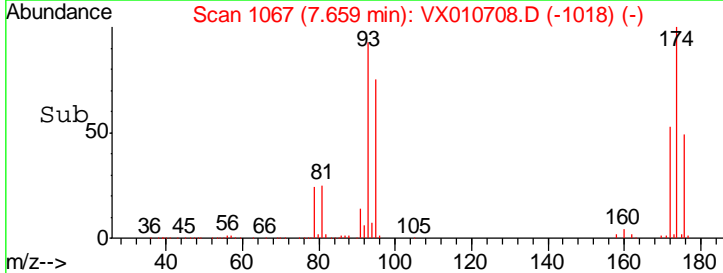
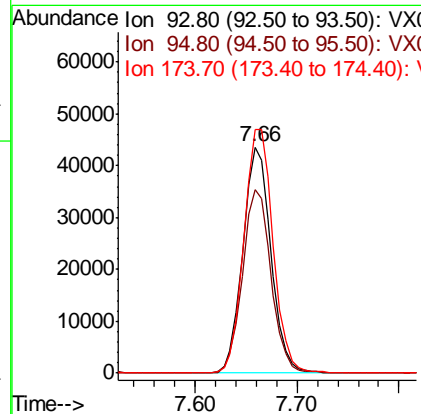
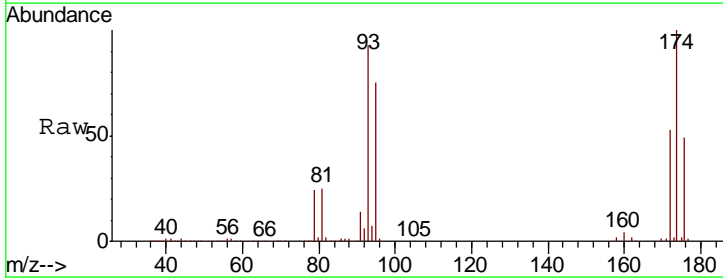
Tgt Ion	Resp	Lower	Upper
63	112357		
65	33.2	24.8	37.2

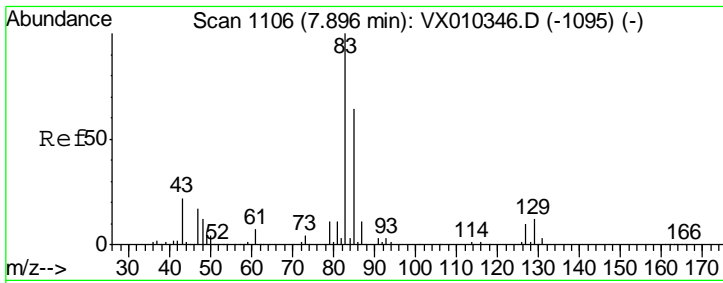
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/9/2019 11:12:36 AM



#46  
 Dibromomethane  
 Concen: 54.236 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

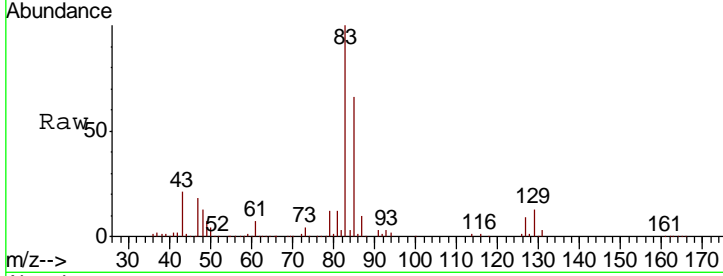
Tgt Ion	Resp	Lower	Upper
93	83151		
95	82.5	67.5	101.3
174	112.0	95.8	143.6





#47  
 Bromodichloromethane  
 Concen: 52.646 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

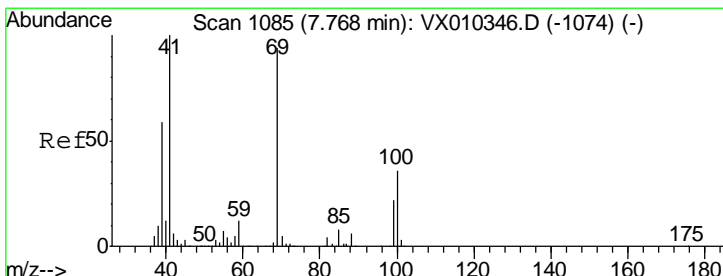
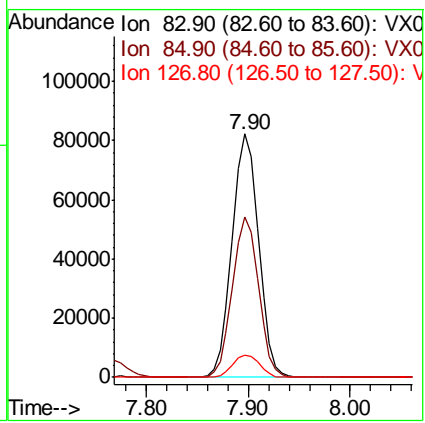
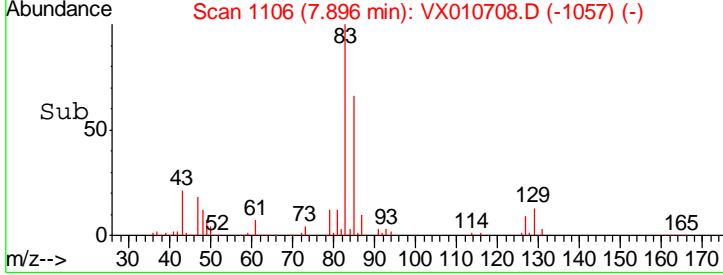
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 SS038RW151-190702MSD



Tgt Ion: 83 Resp: 147917

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.5	77.3
127	9.0	7.8	11.8

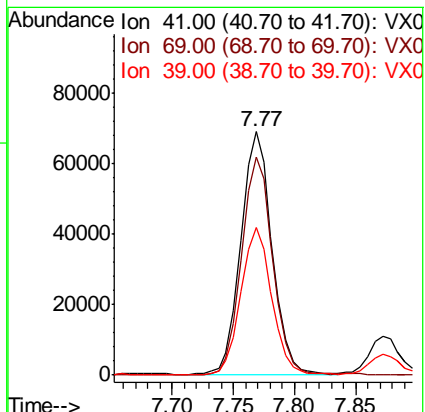
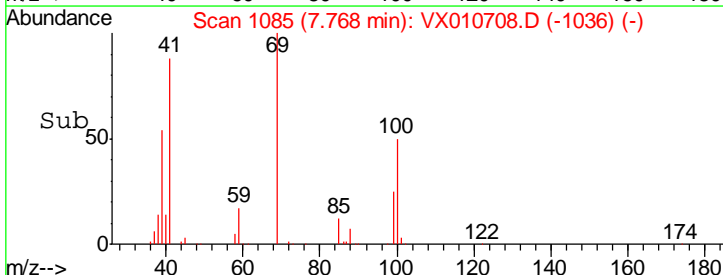
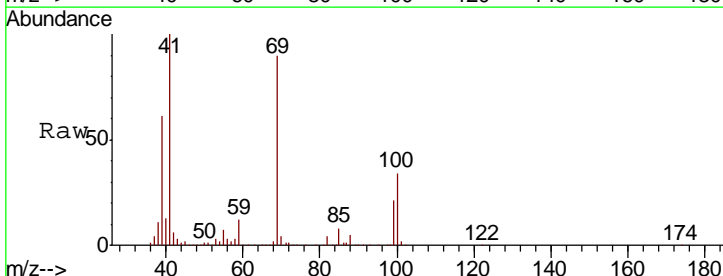
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/9/2019 11:12:36 AM

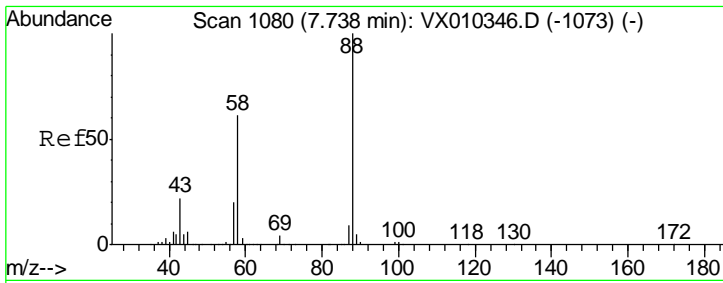


#48  
 Methyl methacrylate  
 Concen: 56.909 ug/l  
 RT: 7.77 min Scan# 1085  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 41 Resp: 122286

Ion	Ratio	Lower	Upper
41	100		
69	89.5	76.1	114.1
39	59.8	47.6	71.4





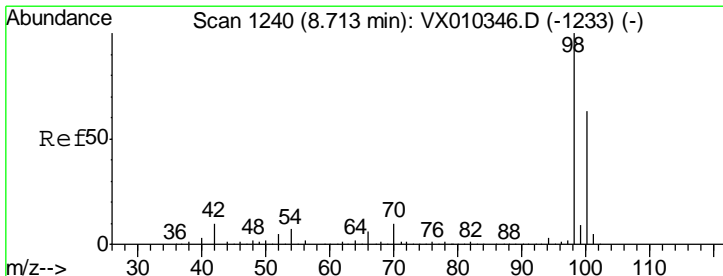
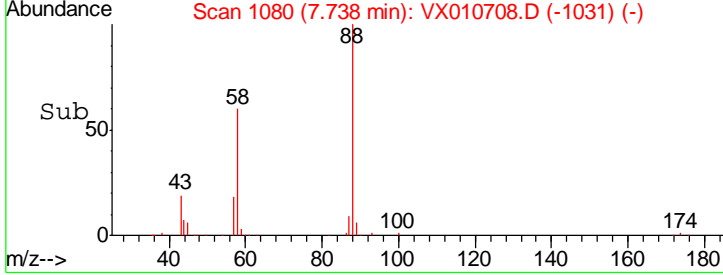
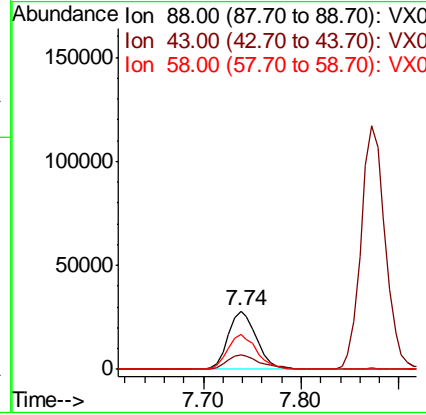
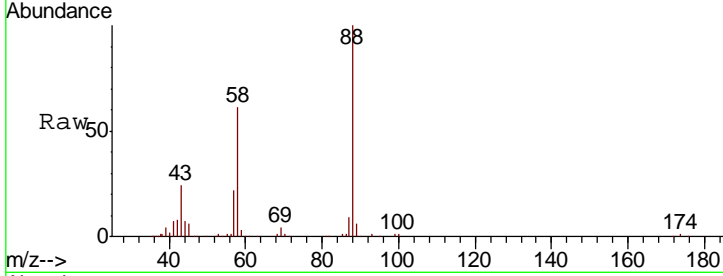
#49  
 1,4-Dioxane  
 Concen: 907.885 ug/l  
 RT: 7.74 min Scan# 1080  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
88	56199		
43	28.6	20.2	30.2
58	61.8	49.5	74.3

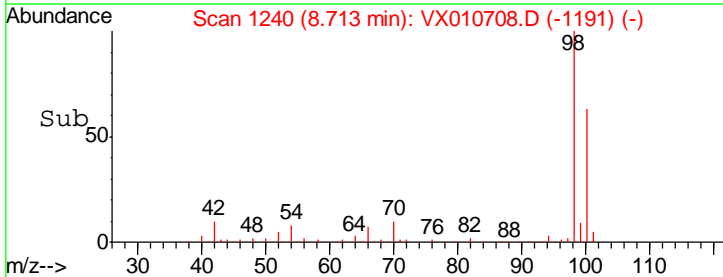
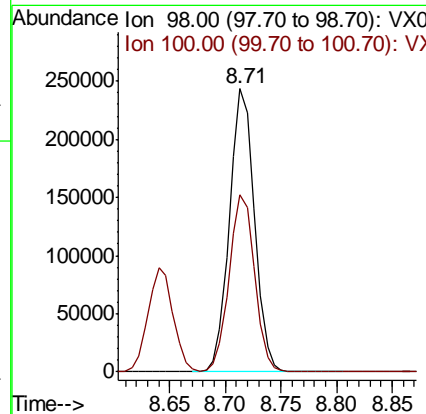
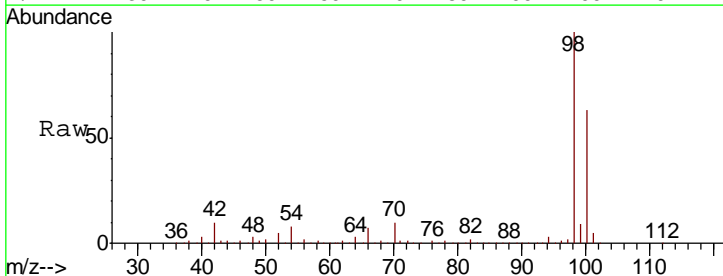
**Manual Integrations**  
**APPROVED**

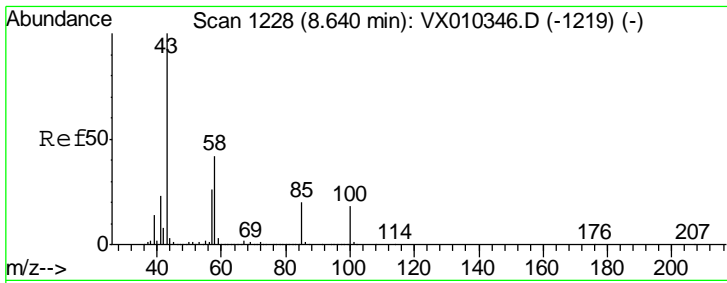
MMDadoda  
 7/9/2019 11:12:36 AM



#50  
 Toluene-d8  
 Concen: 47.270 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

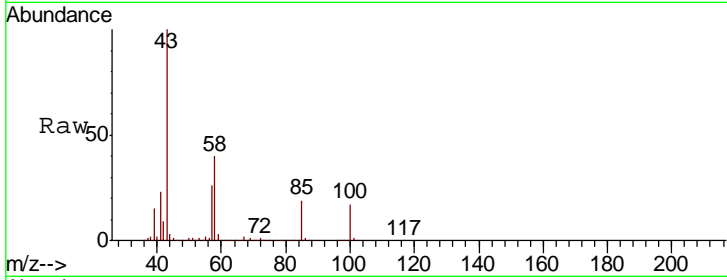
Tgt Ion	Resp	Lower	Upper
98	378180		
100	63.8	51.6	77.4





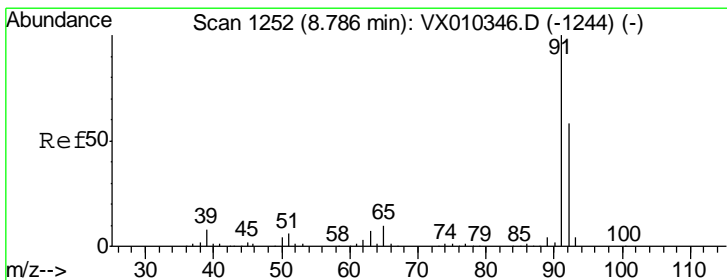
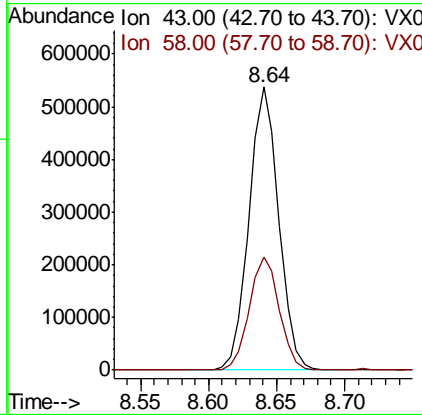
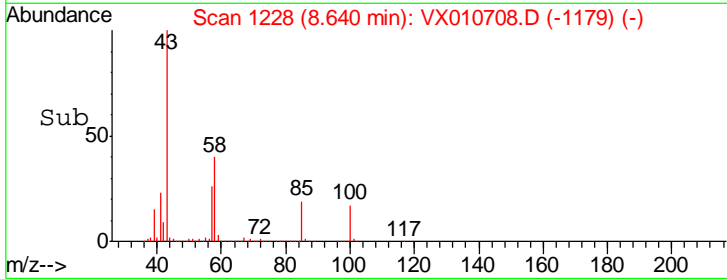
#51  
 4-Methyl-2-Pentanone  
 Concen: 278.427 ug/l  
 RT: 8.64 min Scan# 1228  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

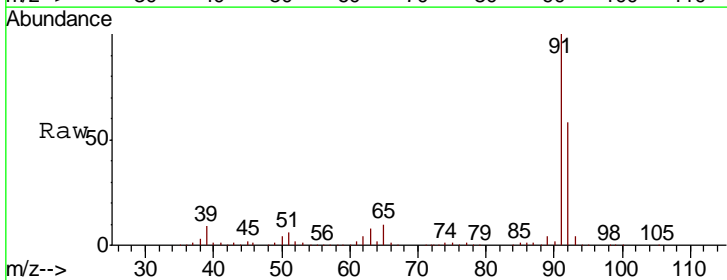


Tgt Ion: 43 Resp: 823205  
 Ion Ratio Lower Upper  
 43 100  
 58 40.4 33.5 50.3

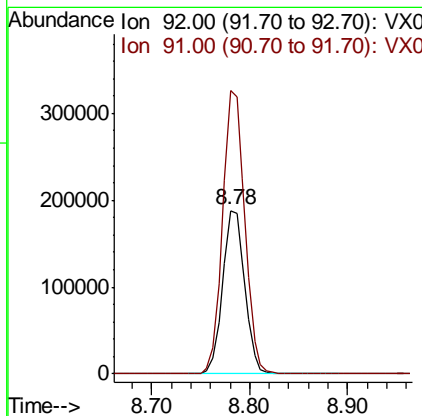
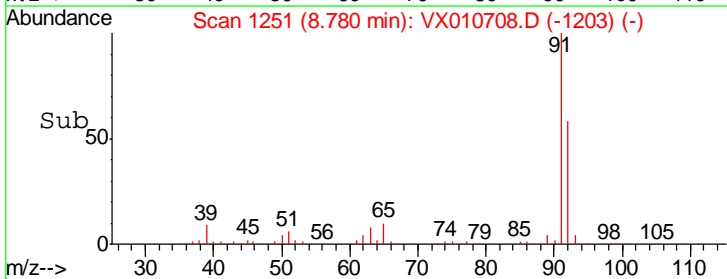
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/9/2019 11:12:36 AM

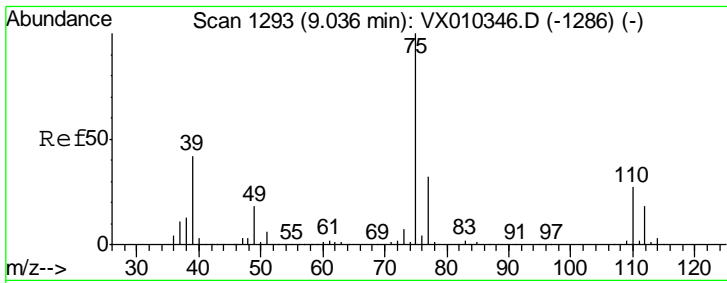


#52  
 Toluene  
 Concen: 52.827 ug/l  
 RT: 8.78 min Scan# 1251  
 Delta R.T. -0.01 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06



Tgt Ion: 92 Resp: 294371  
 Ion Ratio Lower Upper  
 92 100  
 91 174.3 139.8 209.6





#53  
 t-1,3-Dichloropropene  
 Concen: 50.693 ug/l  
 RT: 9.04 min Scan# 1293  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

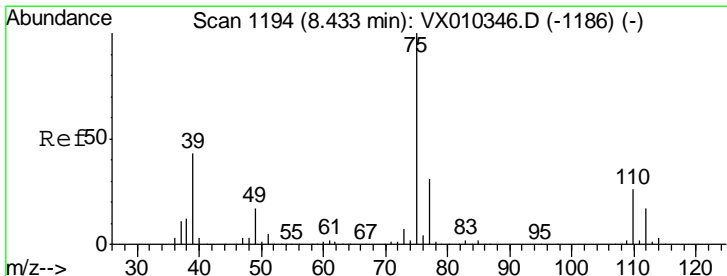
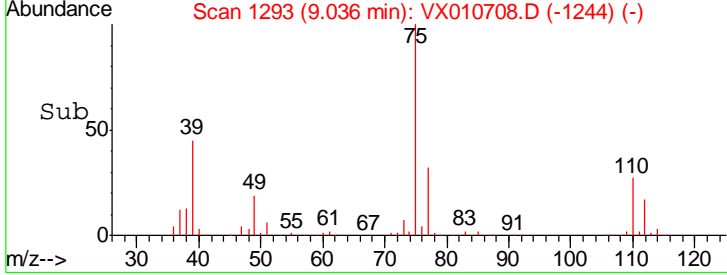
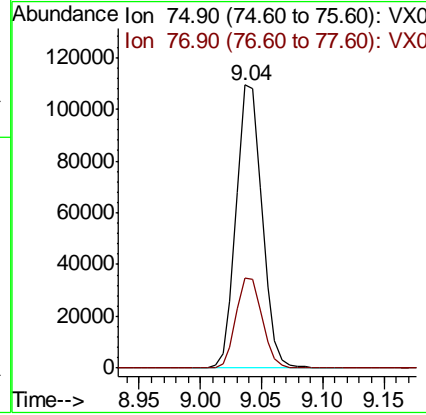
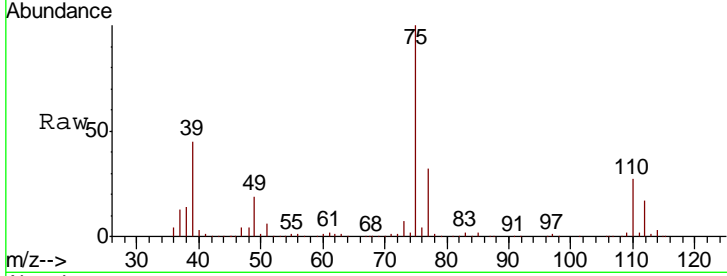
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion: 75 Resp: 159683

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

**Manual Integrations**  
**APPROVED**

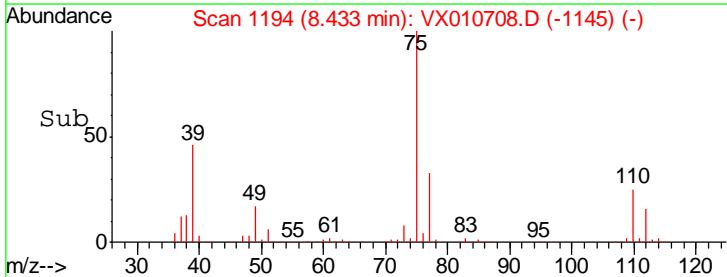
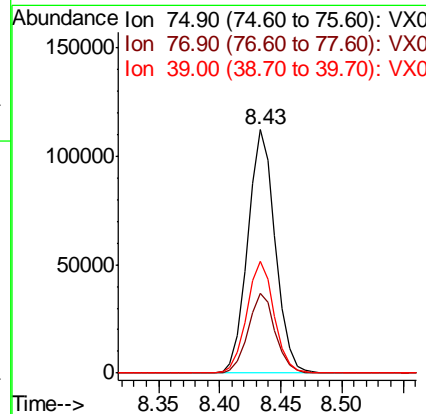
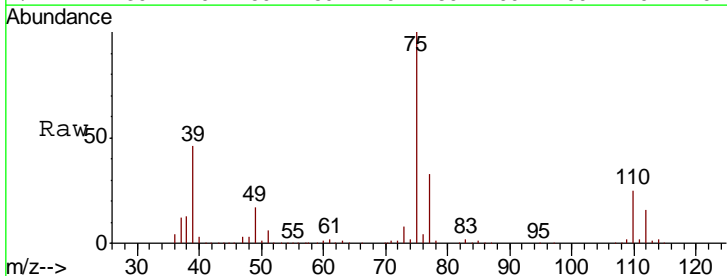
MMDadoda  
 7/9/2019 11:12:36 AM

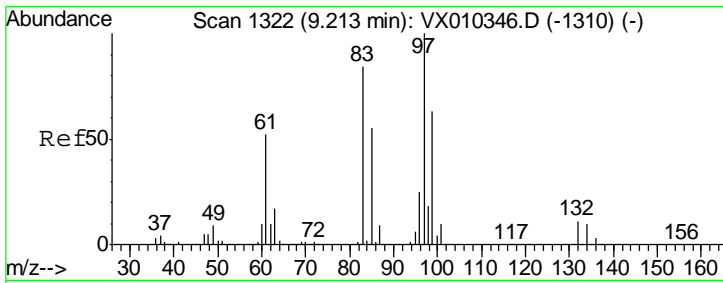


#54  
 cis-1,3-Dichloropropene  
 Concen: 51.100 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 75 Resp: 174923

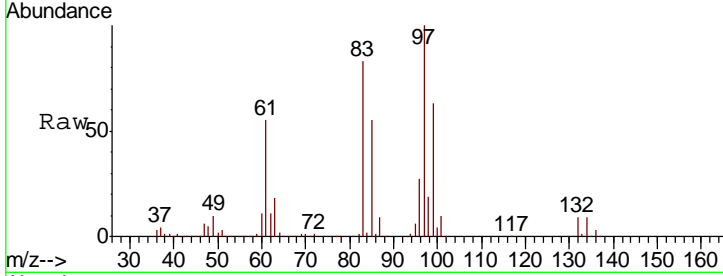
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.2	37.8
39	45.7	34.5	51.7





#55  
 1,1,2-Trichloroethane  
 Concen: 53.076 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

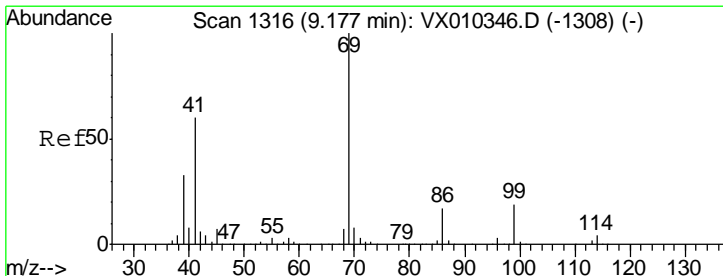
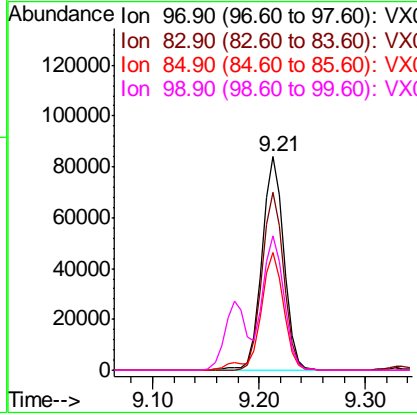
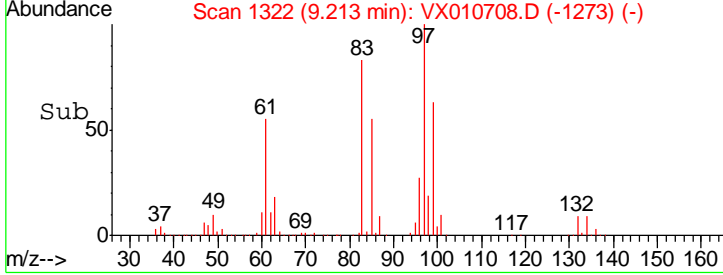
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD



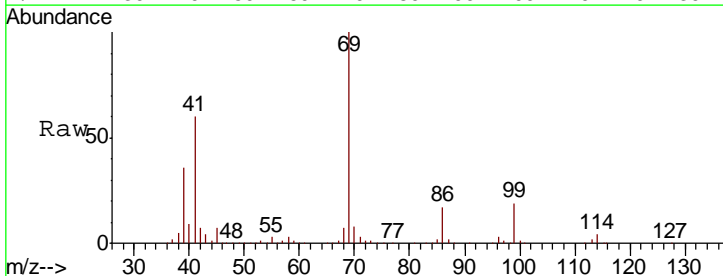
Tgt Ion: 97 Resp: 121977

Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.4	101.0
85	55.0	43.8	65.8
99	63.2	50.3	75.5

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/9/2019 11:12:36 AM

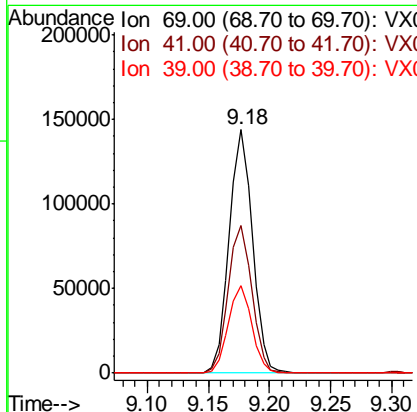
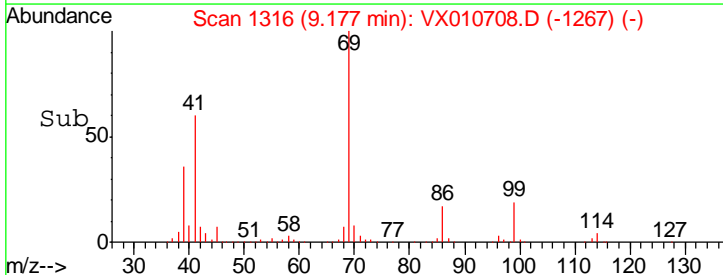


#56  
 Ethyl methacrylate  
 Concen: 54.581 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

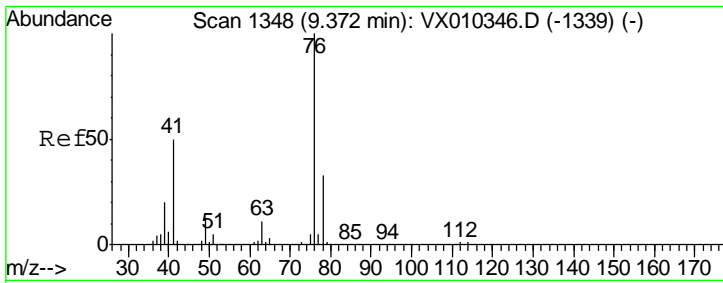


Tgt Ion: 69 Resp: 190018

Ion	Ratio	Lower	Upper
69	100		
41	61.3	47.1	70.7
39	35.8	26.6	40.0







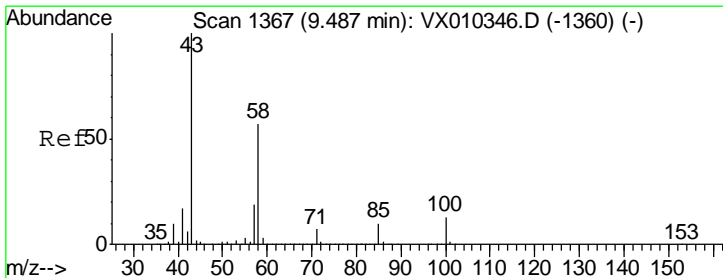
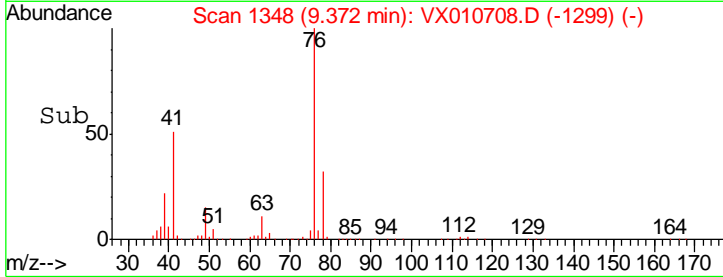
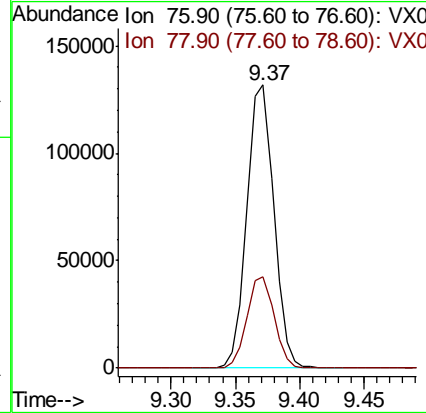
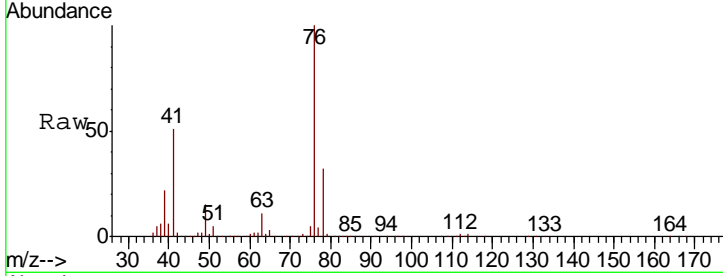
#57  
 1,3-Dichloropropane  
 Concen: 53.476 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
76	190773		
76	100		
78	32.5	26.1	39.1

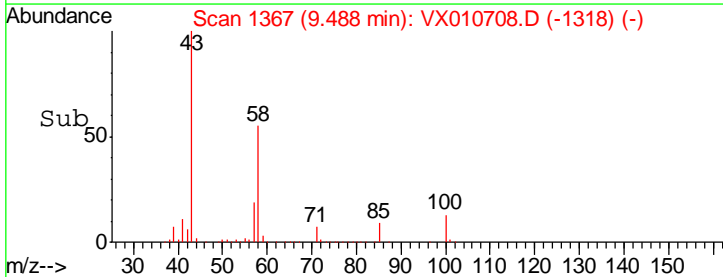
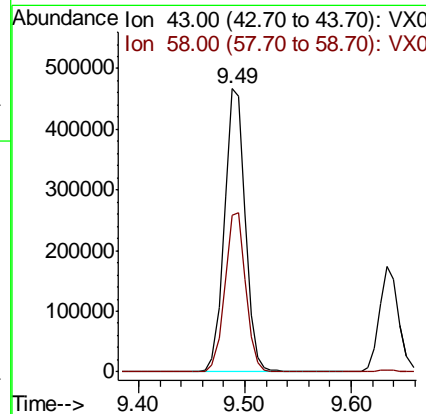
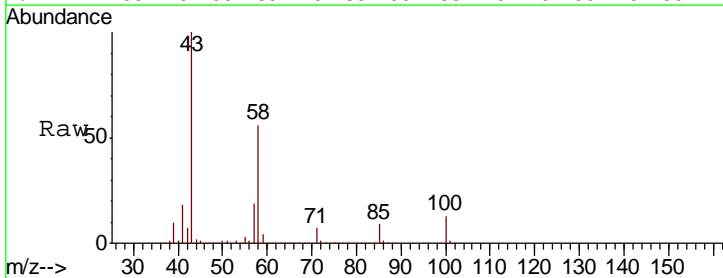
**Manual Integrations**  
**APPROVED**

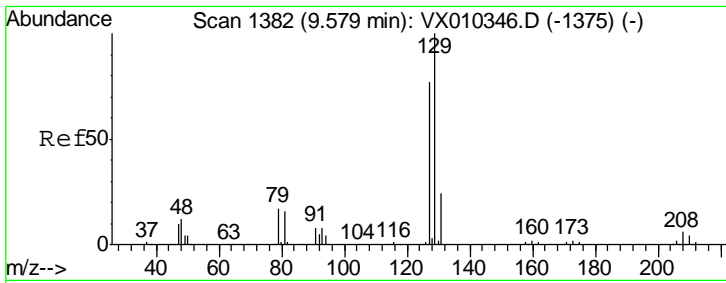
MMDadoda  
 7/9/2019 11:12:36 AM



#59  
 2-Hexanone  
 Concen: 273.727 ug/l  
 RT: 9.49 min Scan# 1367  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
43	636955		
43	100		
58	56.6	29.0	87.1





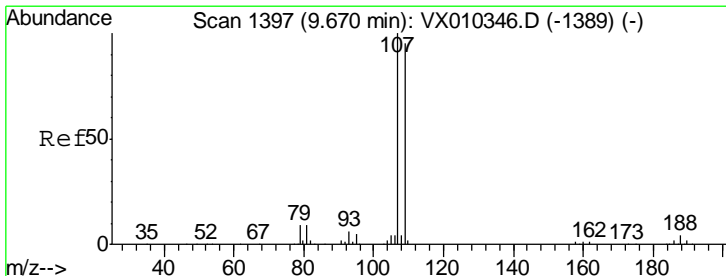
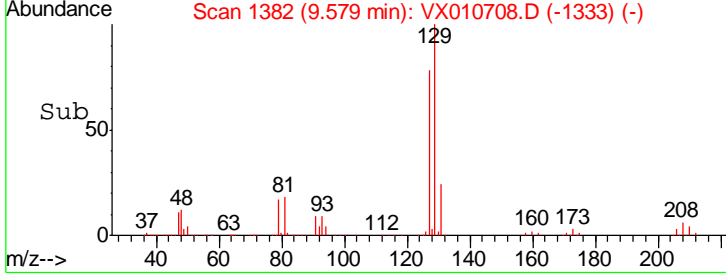
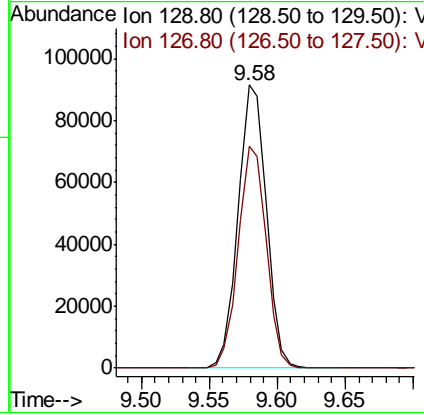
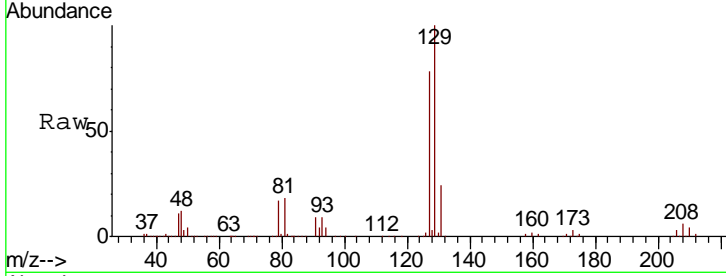
#60  
 Dibromochloromethane  
 Concen: 51.516 ug/l  
 RT: 9.58 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
129	132560		
127	77.8	38.4	115.1

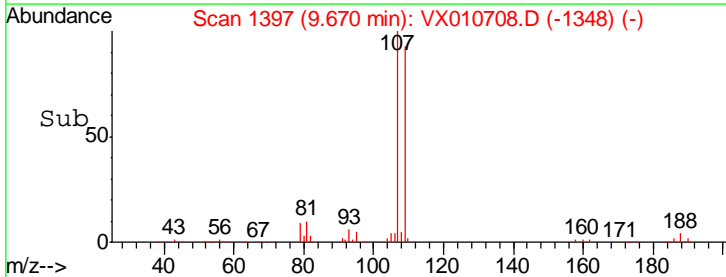
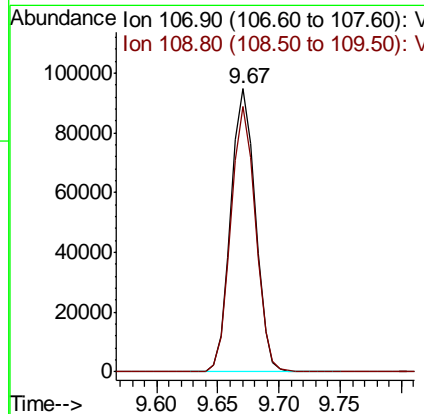
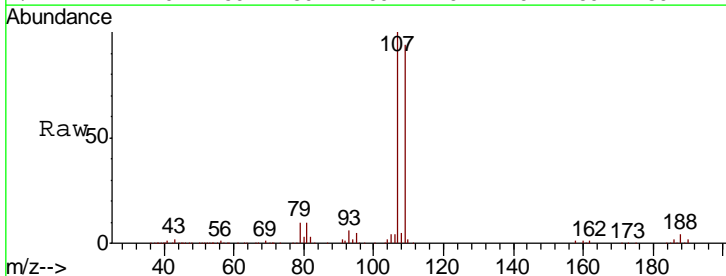
**Manual Integrations**  
**APPROVED**

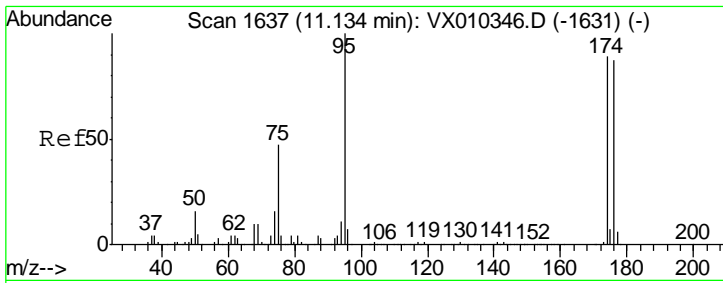
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 7/9/2019 11:12:36 AM



#61  
 1,2-Dibromoethane  
 Concen: 53.340 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
107	132316		
109	93.6	75.8	113.6



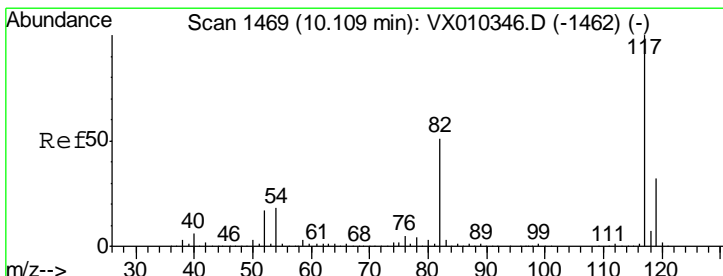
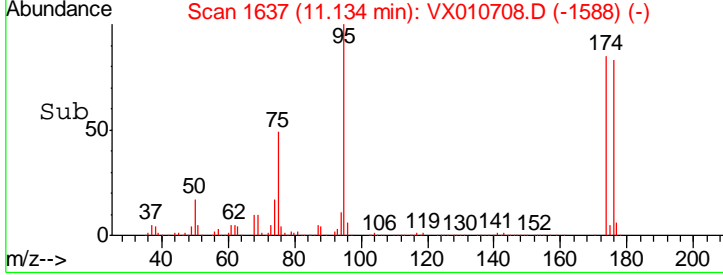
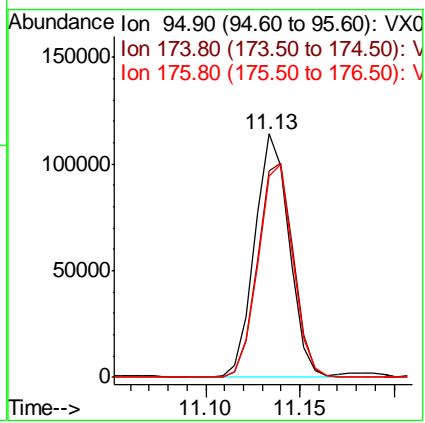
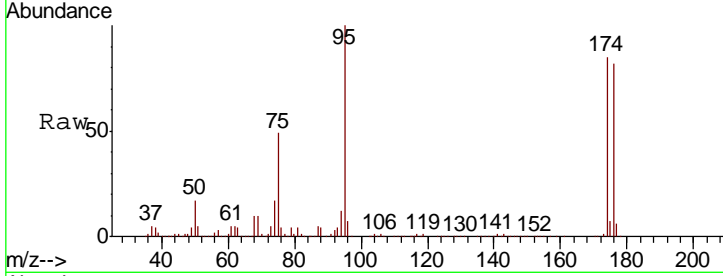


#62  
 4-Bromofluorobenzene  
 Concen: 49.935 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 SS038RW151-190702MSD

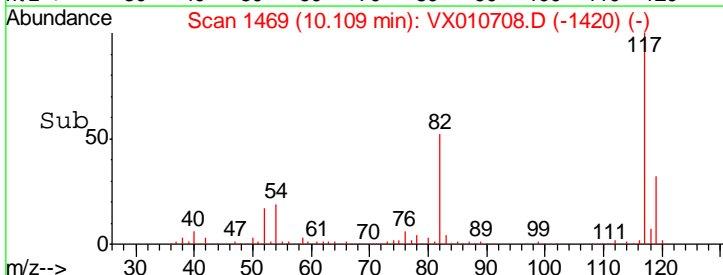
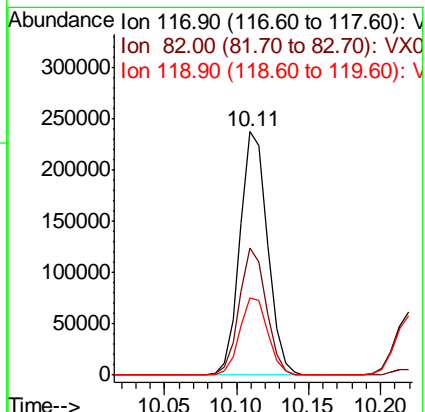
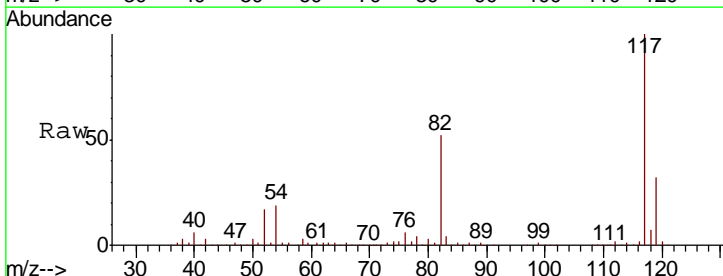
Tgt Ion	Resp	Lower	Upper
95	144232		
174	91.6	0.0	187.6
176	88.6	0.0	184.0

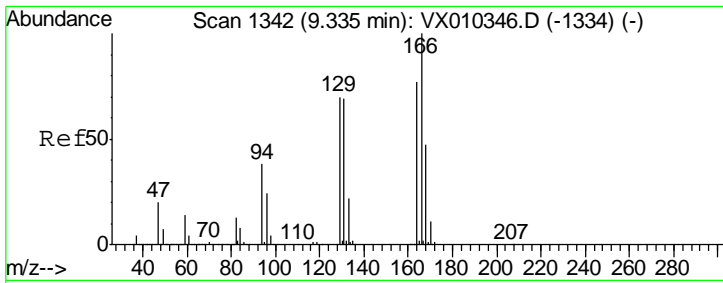
Manual Integrations  
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#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.11 min Scan# 1469  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

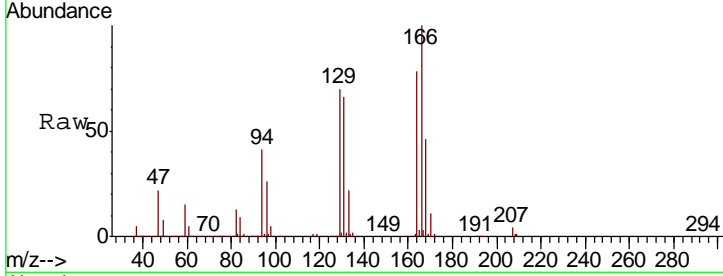
Tgt Ion	Resp	Lower	Upper
117	316371		
82	52.3	41.2	61.8
119	32.0	25.5	38.3





#64  
 Tetrachloroethene  
 Concen: 47.472 ug/l  
 RT: 9.34 min Scan# 1342  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

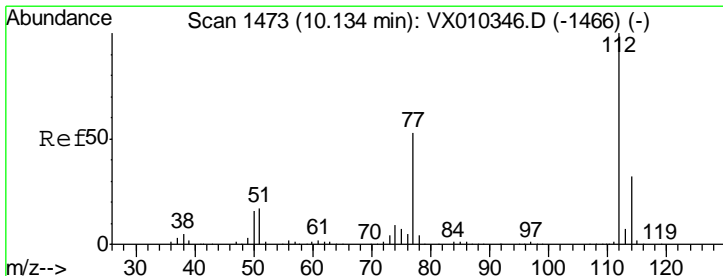
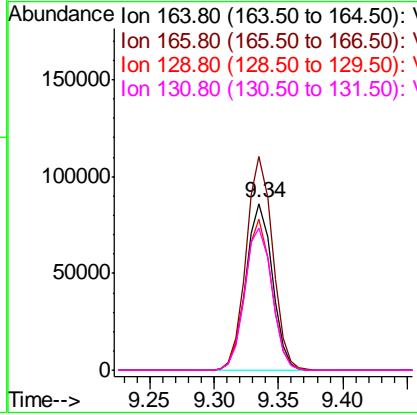
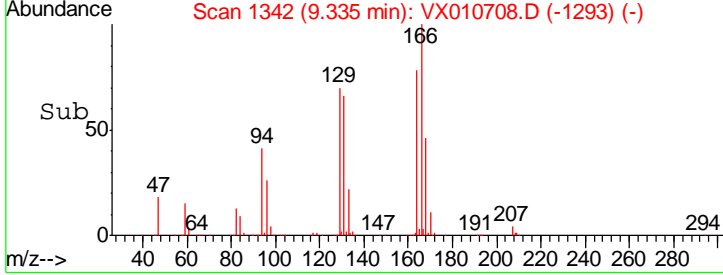
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 SS038RW151-190702MSD



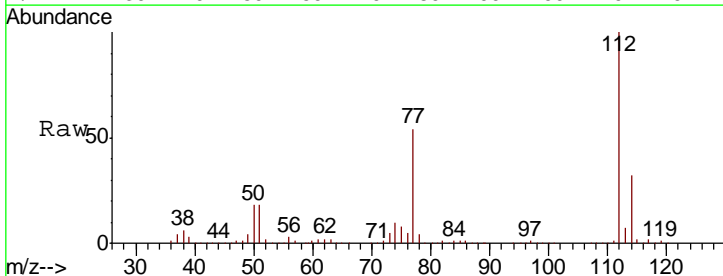
Tgt Ion:164 Resp: 121476

Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.6	155.4
129	90.4	73.0	109.4
131	85.2	71.0	106.4

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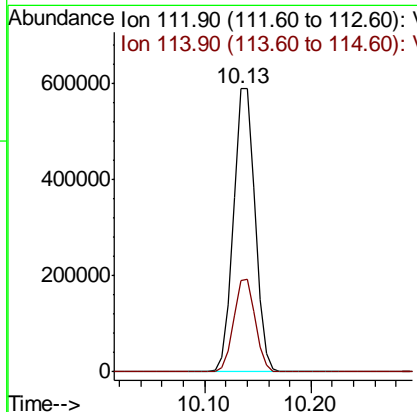
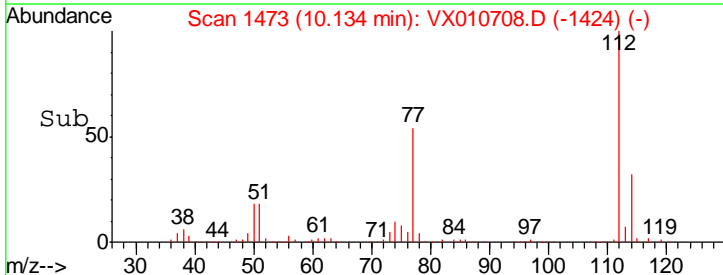


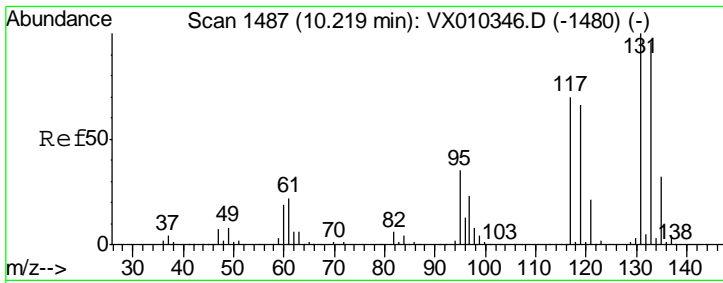
#65  
 Chlorobenzene  
 Concen: 131.229 ug/l  
 RT: 10.13 min Scan# 1473  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06



Tgt Ion:112 Resp: 842876

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.4	38.2





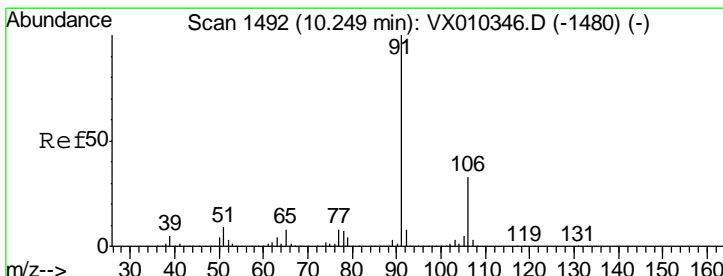
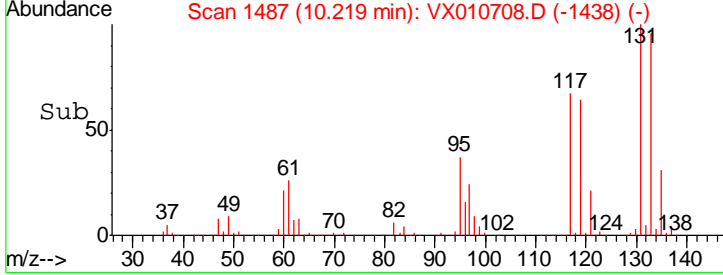
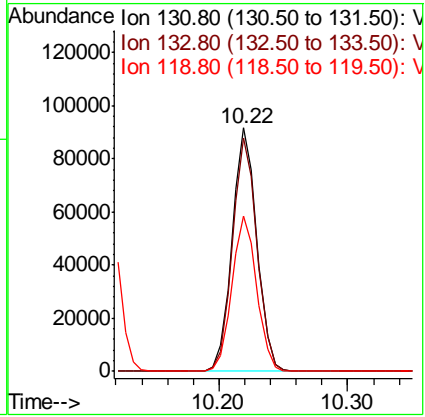
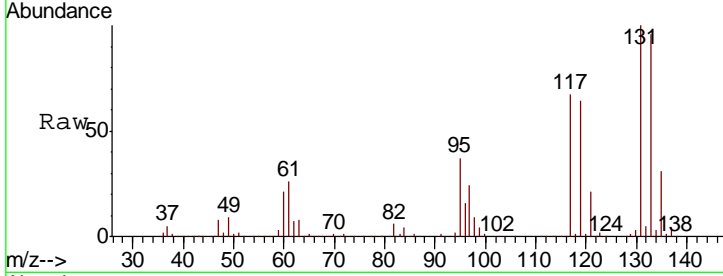
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 52.260 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 Client Sampled : SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
131	100		
133	95.5	47.7	143.1
119	64.4	32.6	97.7

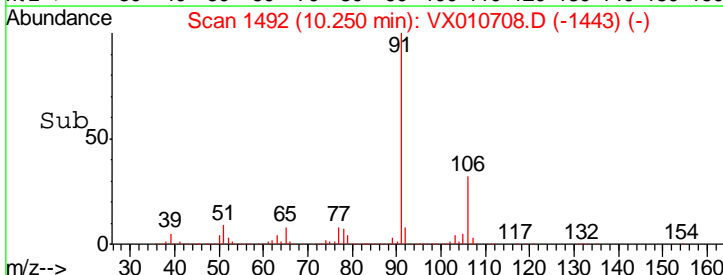
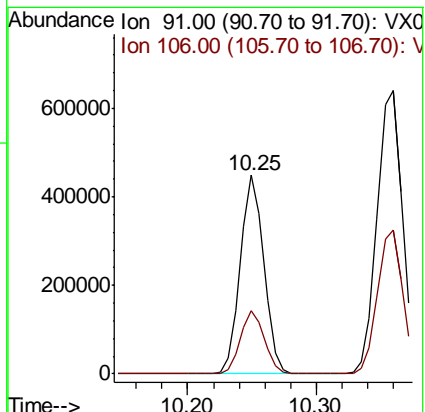
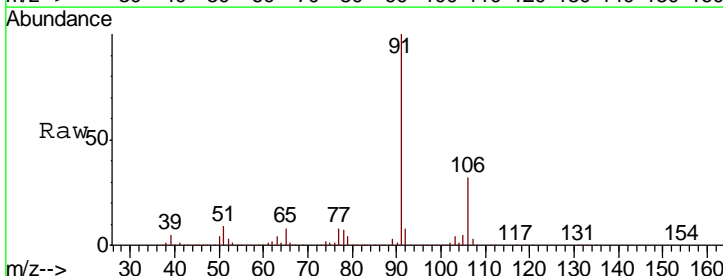
Manual Integrations  
 APPROVED

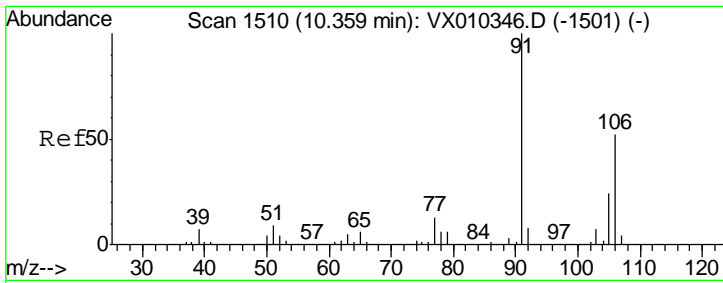
MMDadoda  
 7/9/2019 11:12:36 AM



#67  
 Ethyl Benzene  
 Concen: 52.557 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
91	100		
106	32.1	26.2	39.2





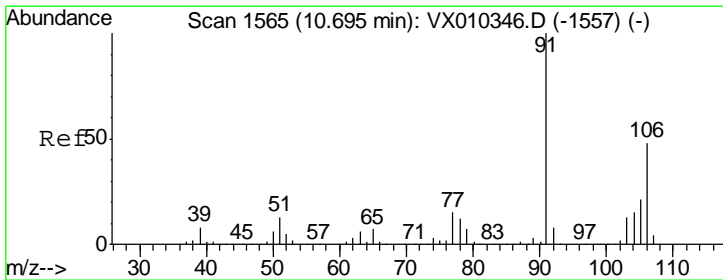
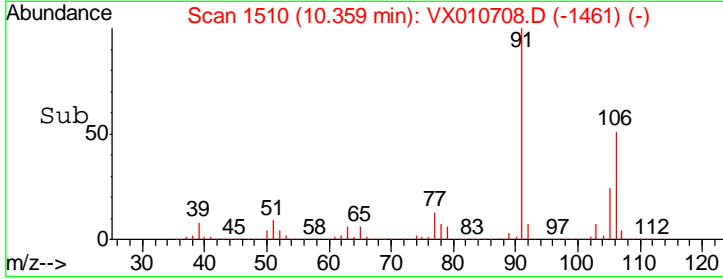
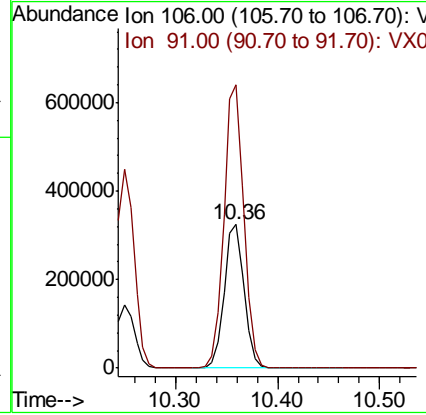
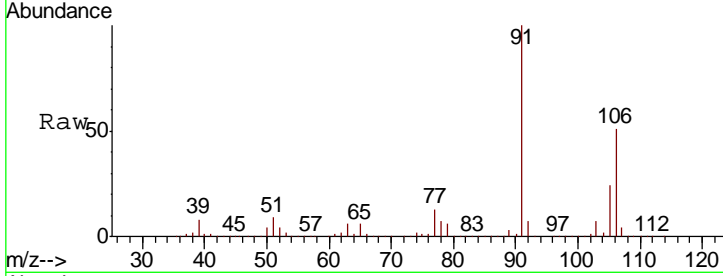
#68  
 m/p-Xylenes  
 Concen: 105.200 ug/l  
 RT: 10.36 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD

Tgt Ion:106 Resp: 442000  
 Ion Ratio Lower Upper  
 106 100  
 91 196.8 155.3 232.9

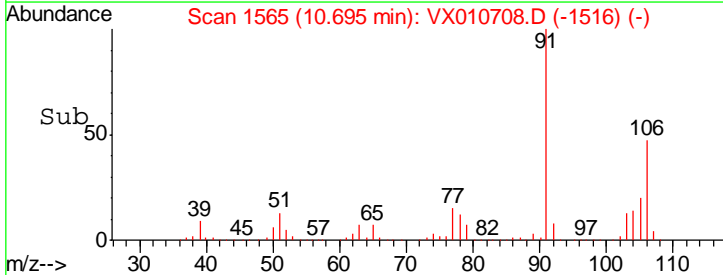
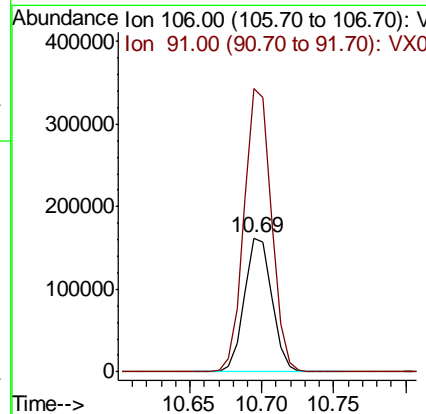
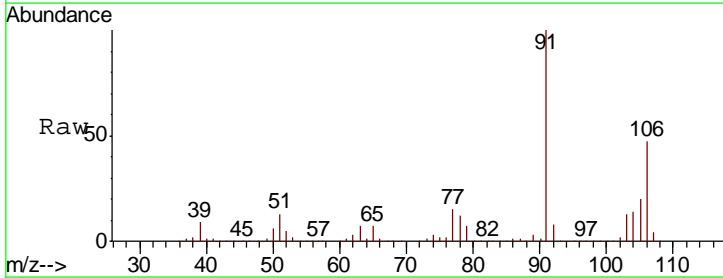
**Manual Integrations**  
**APPROVED**

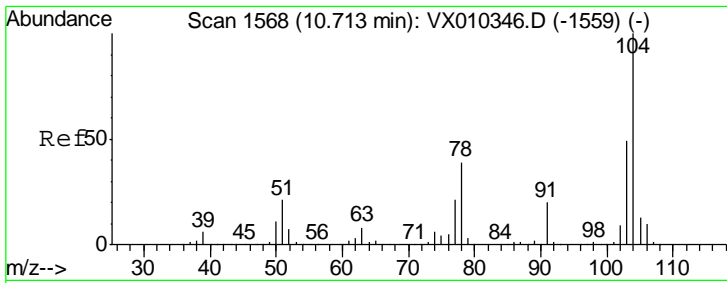
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#69  
 o-Xylene  
 Concen: 52.268 ug/l  
 RT: 10.69 min Scan# 1565  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion:106 Resp: 215963  
 Ion Ratio Lower Upper  
 106 100  
 91 209.4 102.7 308.1





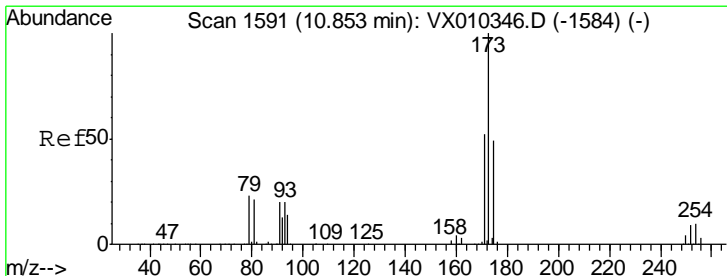
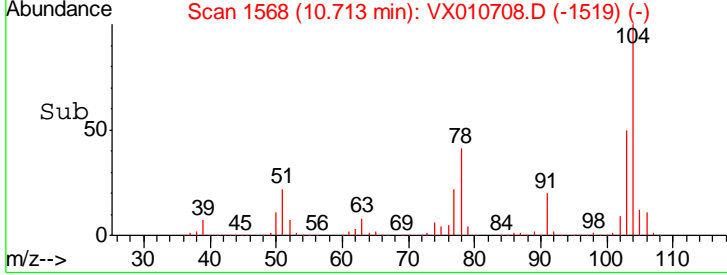
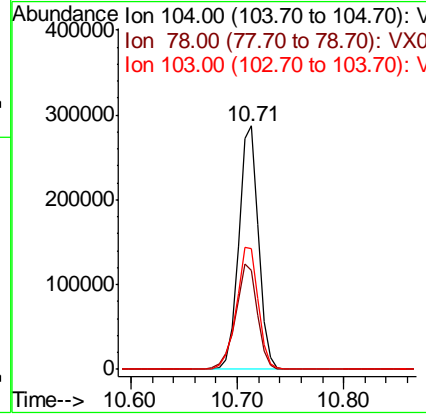
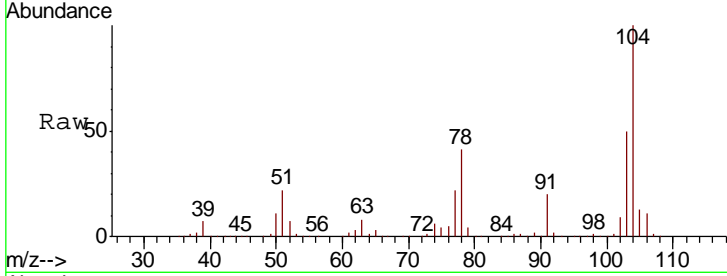
#70  
 Styrene  
 Concen: 53.622 ug/l  
 RT: 10.71 min Scan# 1568  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
104	371555		
78	47.6	36.2	54.2
103	55.5	44.2	66.4

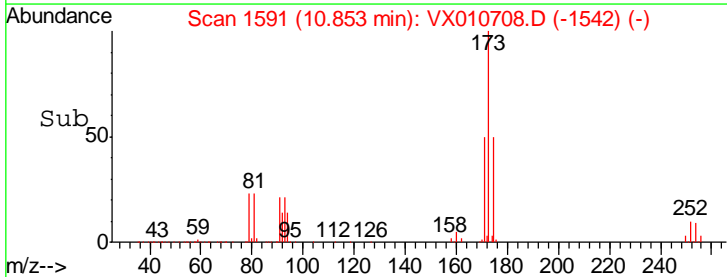
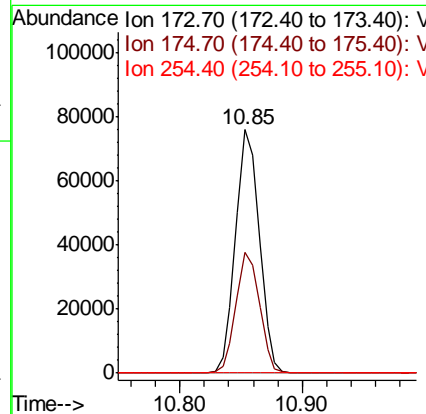
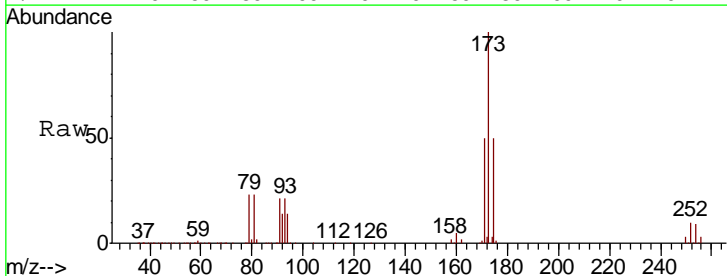
Manual Integrations  
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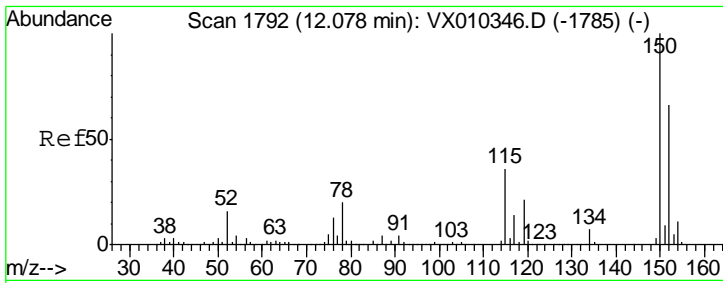
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#71  
 Bromoform  
 Concen: 50.195 ug/l  
 RT: 10.85 min Scan# 1591  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

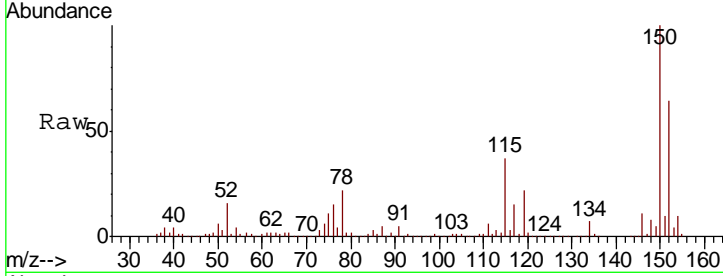
Tgt Ion	Resp	Lower	Upper
173	102124		
175	49.0	24.1	72.3
254	0.2	0.2	0.2#





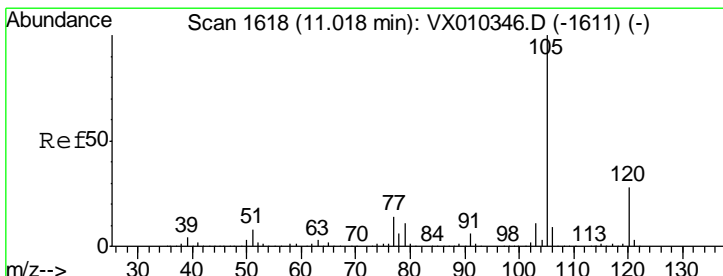
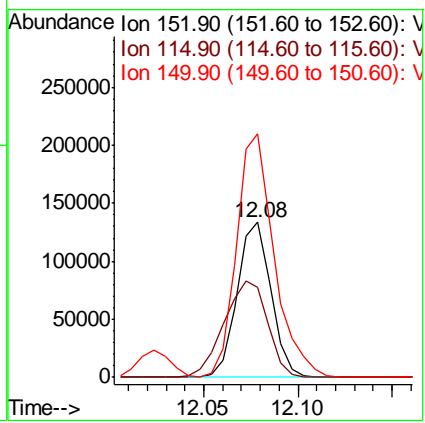
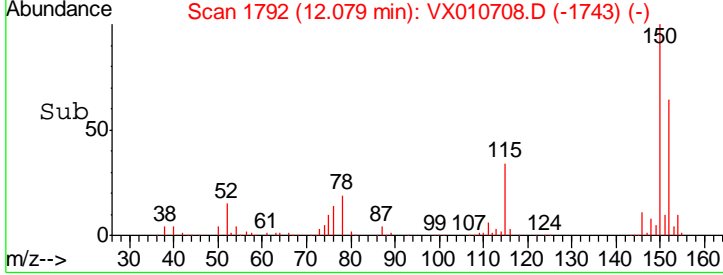
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

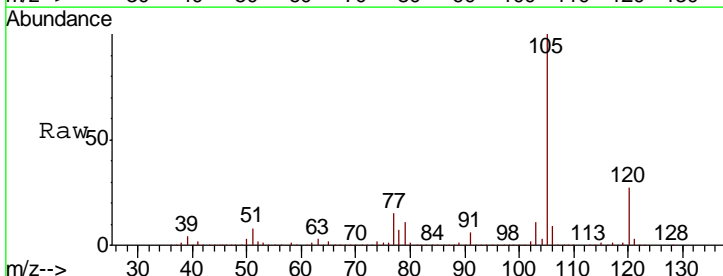


Tgt Ion	Resp	Lower	Upper
152	165934		
152	100		
115	79.8	38.6	115.7
150	174.8	0.0	347.4

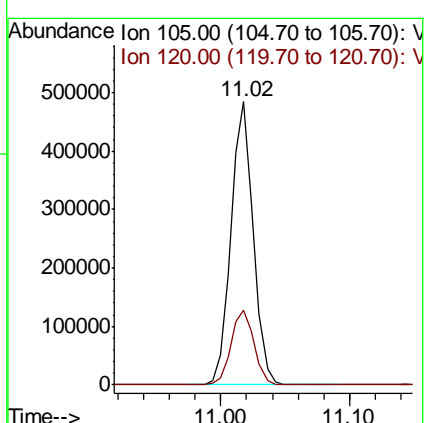
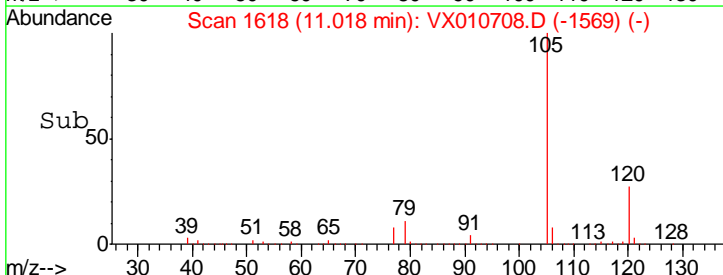
Manual Integrations  
**APPROVED**  
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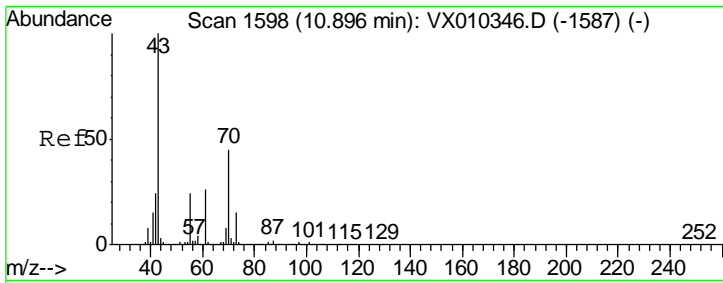
#73  
 Isopropylbenzene  
 Concen: 52.092 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06



Tgt Ion	Resp	Lower	Upper
105	585944		
105	100		
120	27.2	14.1	42.4

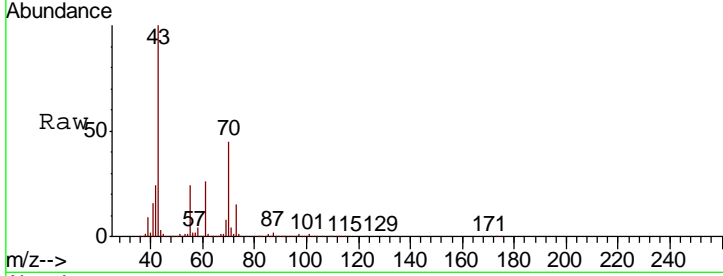






#74  
 N-amyI acetate  
 Concen: 51.894 ug/l  
 RT: 10.90 min Scan# 1598  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

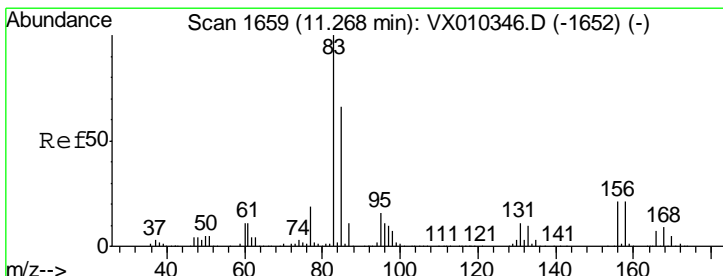
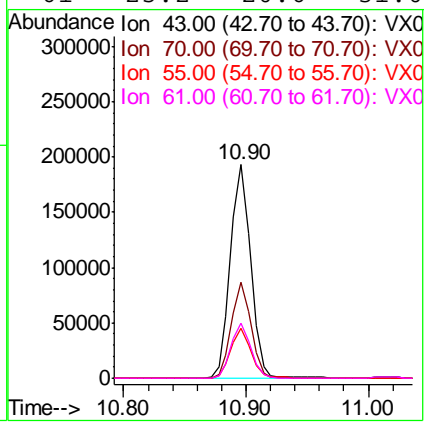
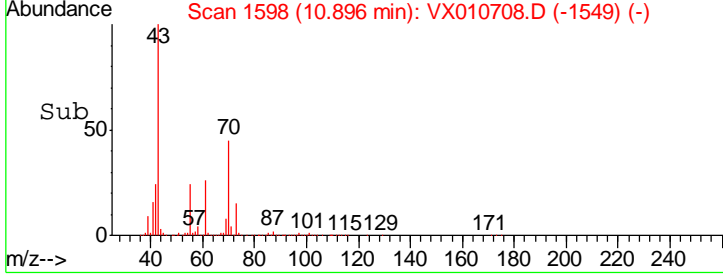
Instrument : MSVOA\_X  
 Client Sampled : SS038RW151-190702MSD



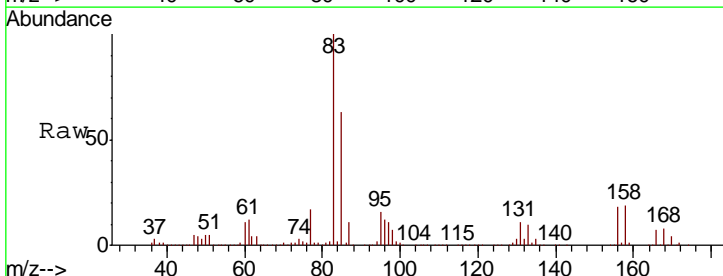
Tgt Ion: 43 Resp: 220598

Ion	Ratio	Lower	Upper
43	100		
70	43.7	36.6	54.8
55	23.5	18.7	28.1
61	25.2	20.6	31.0

Manual Integrations  
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 MMDadoda  
 7/9/2019 11:12:36 AM

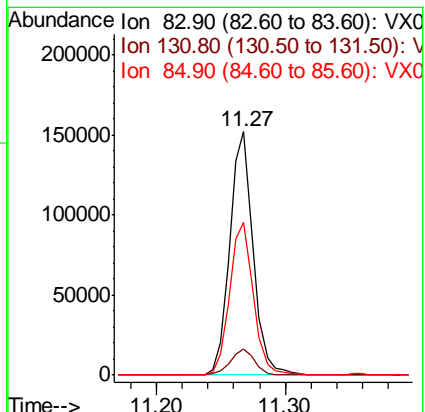
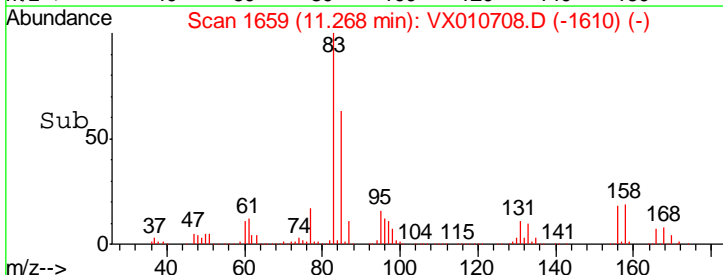


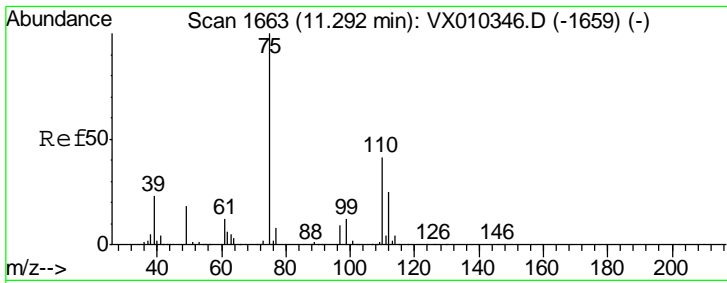
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 51.866 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06



Tgt Ion: 83 Resp: 193206

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	64.1	32.3	96.8



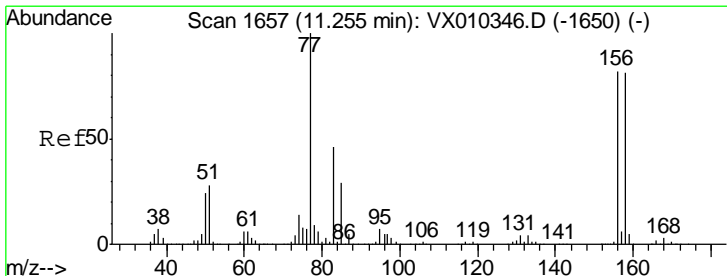
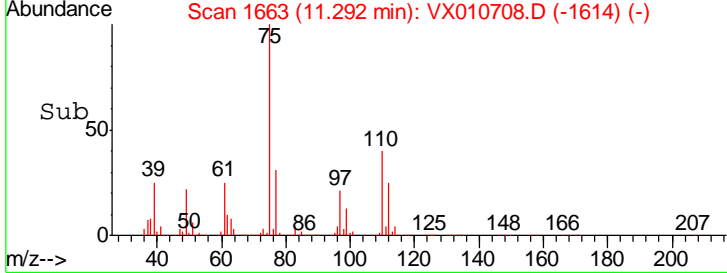
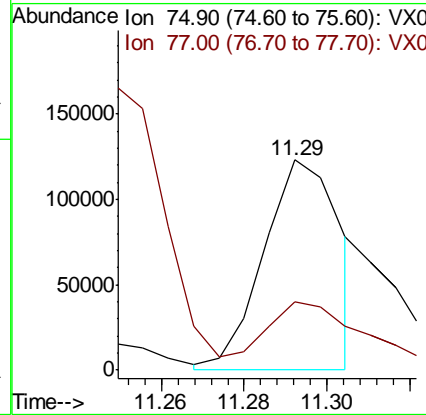
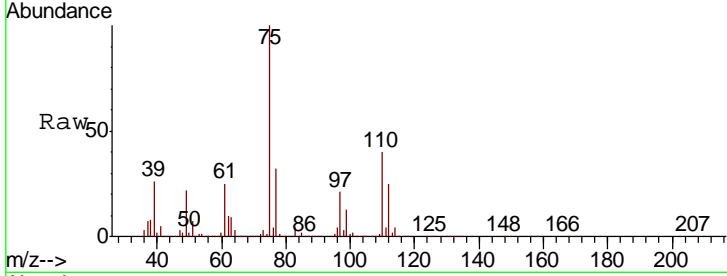


#76  
 1,2,3-Trichloropropane  
 Concen: 52.219 ug/l m  
 RT: 11.29 min Scan# 1663  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

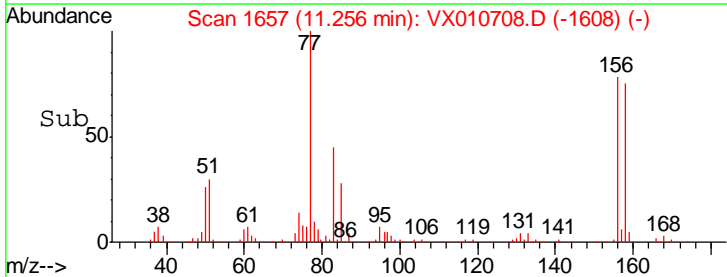
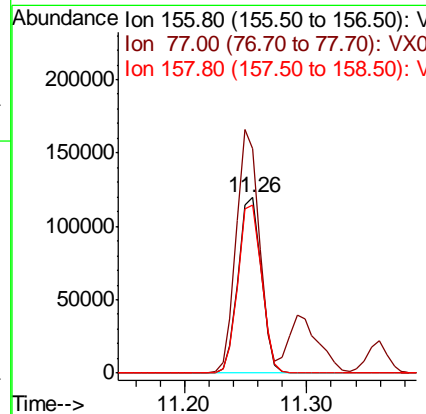
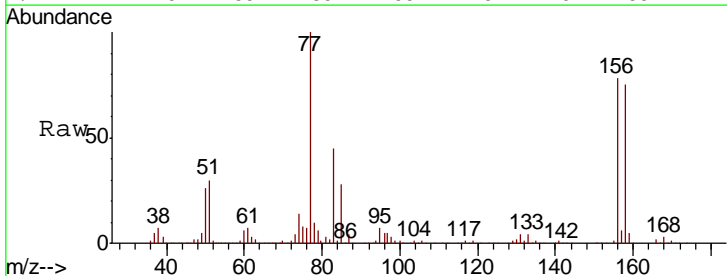
Tgt Ion	Resp	Lower	Upper
75	157897		
75	100		
77	42.5	22.6	67.8

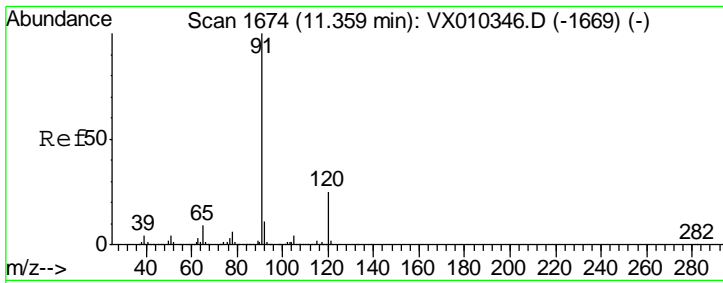
Manual Integrations  
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#77  
 Bromobenzene  
 Concen: 49.693 ug/l  
 RT: 11.26 min Scan# 1657  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
156	156077		
156	100		
77	137.3	66.3	198.7
158	97.8	48.9	146.7



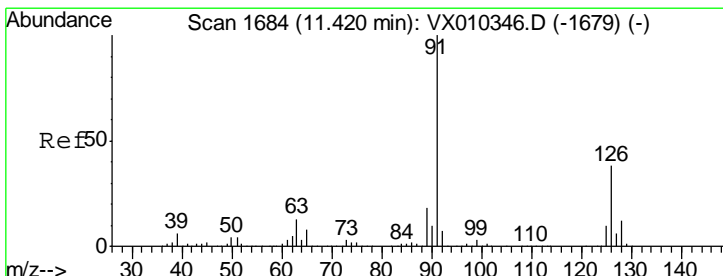
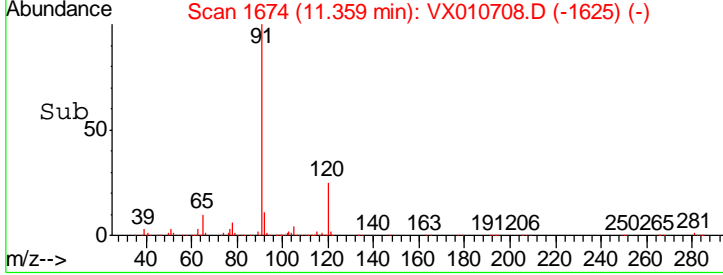
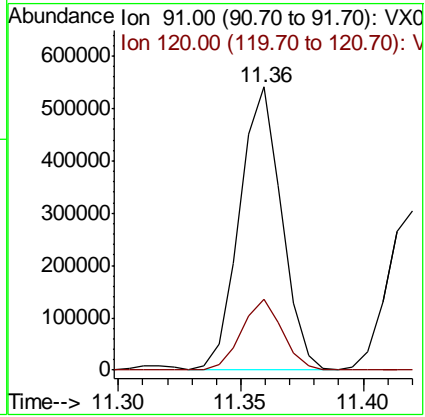
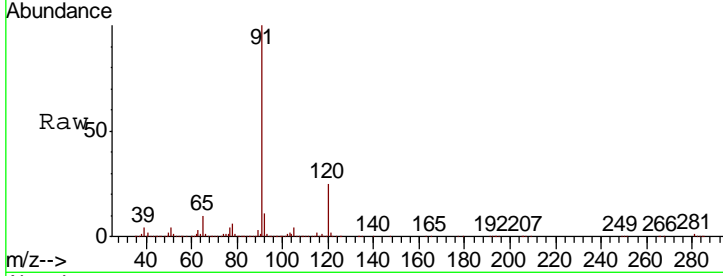


#78  
 n-propylbenzene  
 Concen: 51.881 ug/l  
 RT: 11.36 min Scan# 1674  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

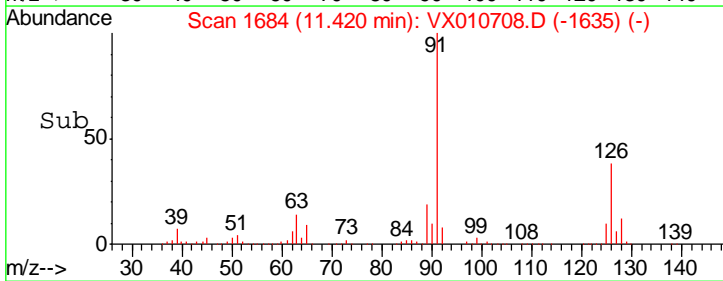
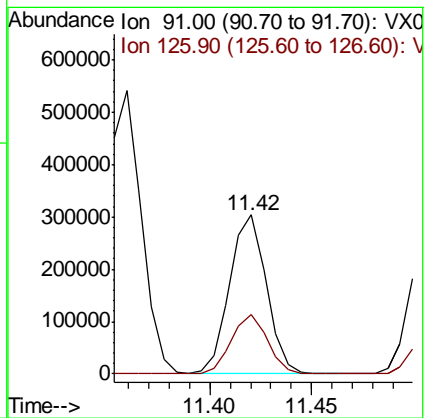
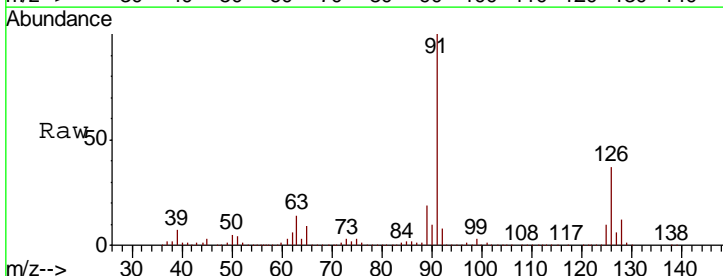
Tgt Ion	Resp	Lower	Upper
91	100		
120	24.5	12.4	37.4

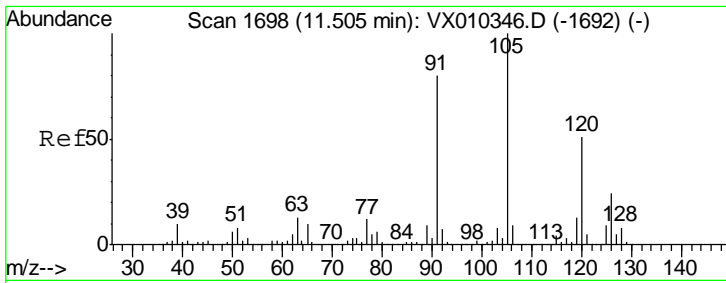
Manual Integrations  
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#79  
 2-Chlorotoluene  
 Concen: 51.319 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

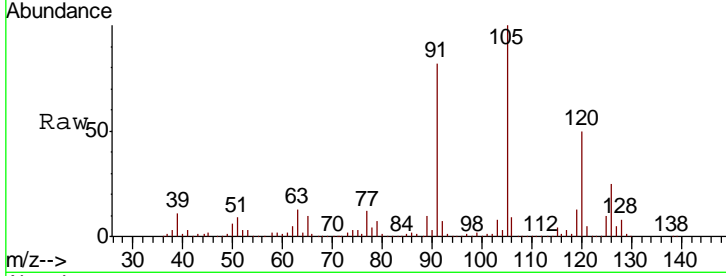
Tgt Ion	Resp	Lower	Upper
91	100		
126	36.9	18.7	56.1





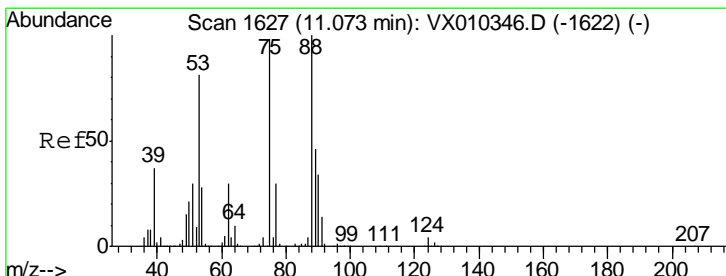
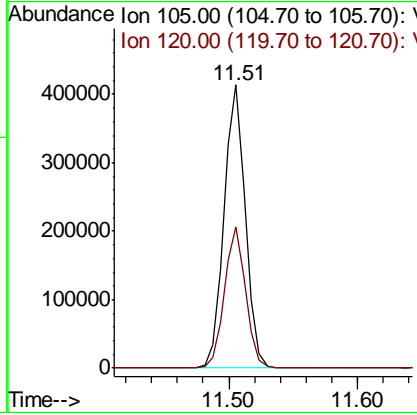
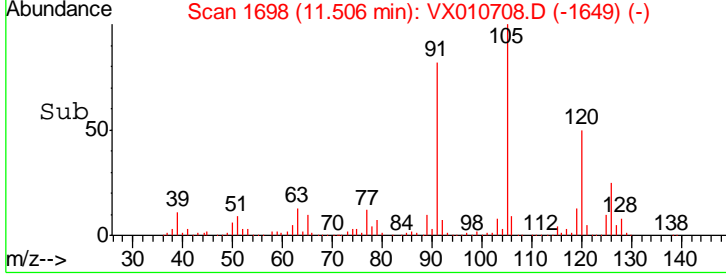
#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.050 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

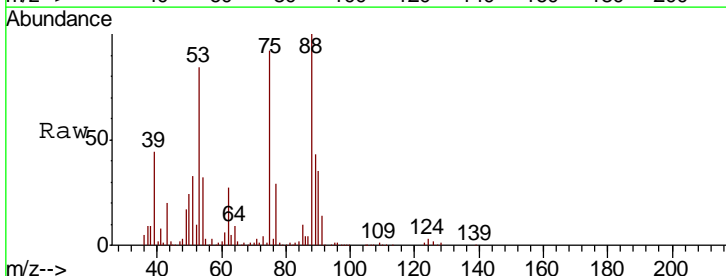


Tgt Ion: 105 Resp: 482653  
 Ion Ratio Lower Upper  
 105 100  
 120 49.6 25.2 75.6

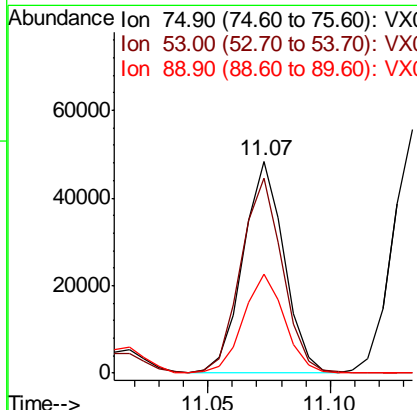
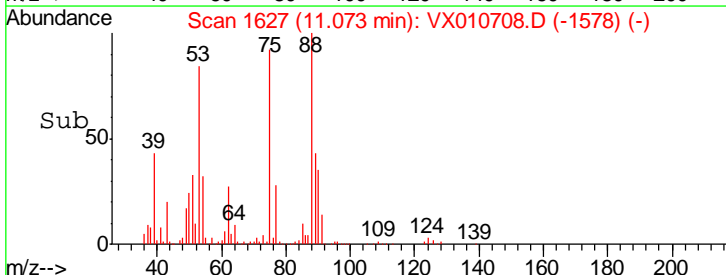
Manual Integrations  
**APPROVED**  
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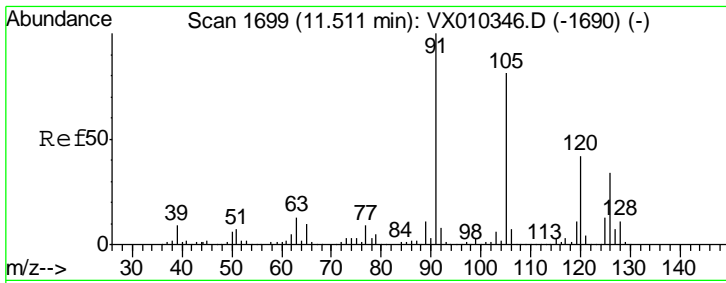


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 43.234 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06



Tgt Ion: 75 Resp: 56037  
 Ion Ratio Lower Upper  
 75 100  
 53 93.6 66.1 99.1  
 89 47.3 37.8 56.6



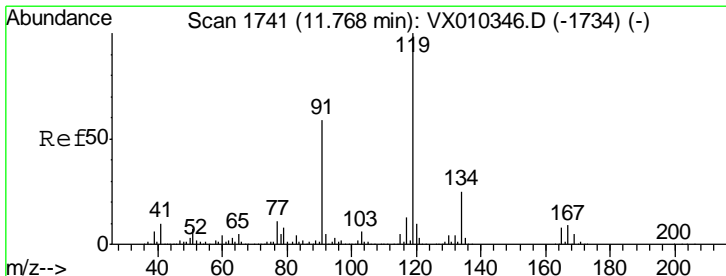
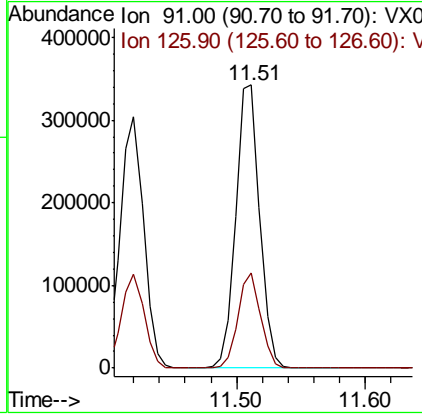
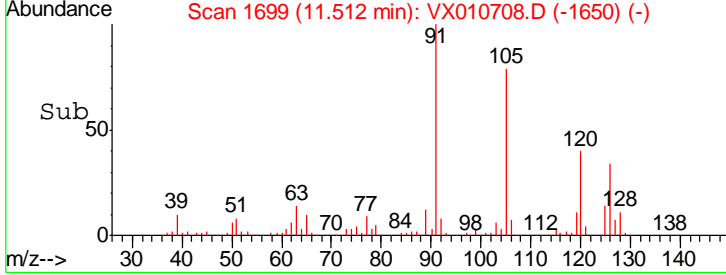
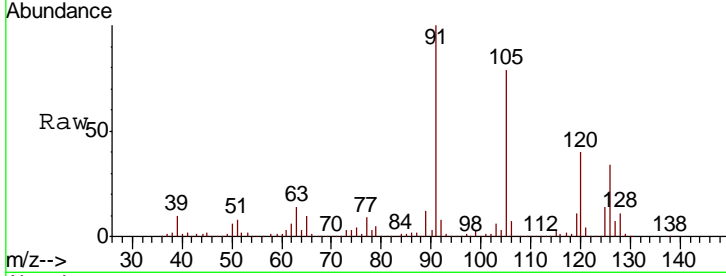


#82  
 4-Chlorotoluene  
 Concen: 52.803 ug/l  
 RT: 11.51 min Scan# 1699  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

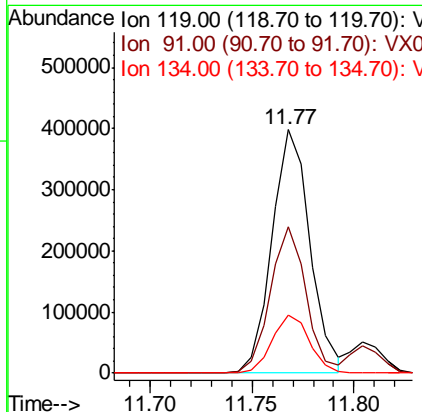
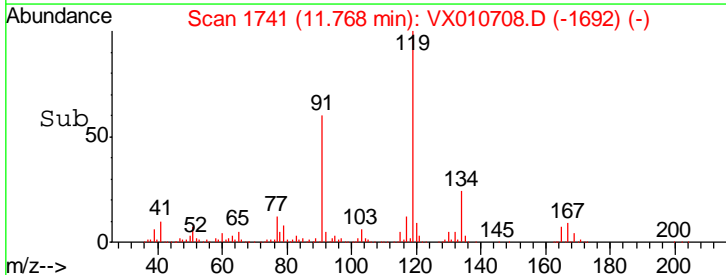
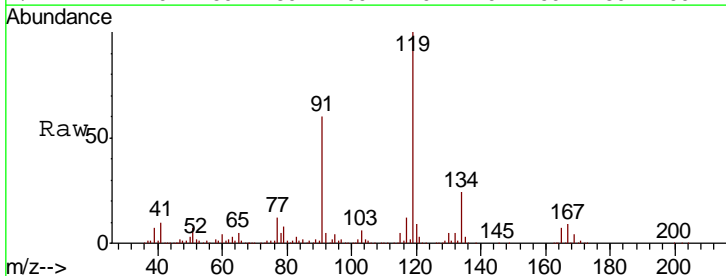
Tgt Ion: 91 Resp: 442307  
 Ion Ratio Lower Upper  
 91 100  
 126 32.0 16.2 48.6

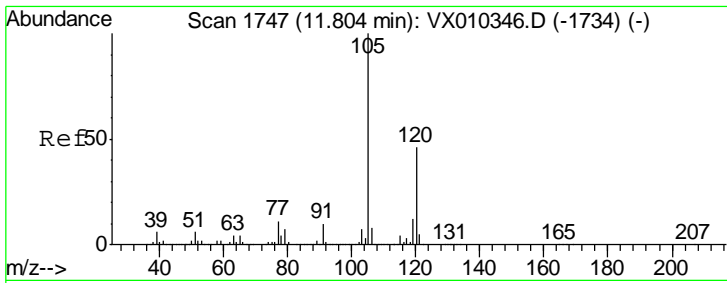
Manual Integrations  
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#83  
 tert-Butylbenzene  
 Concen: 55.620 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion: 119 Resp: 517656  
 Ion Ratio Lower Upper  
 119 100  
 91 56.7 27.6 82.7  
 134 23.6 11.8 35.4



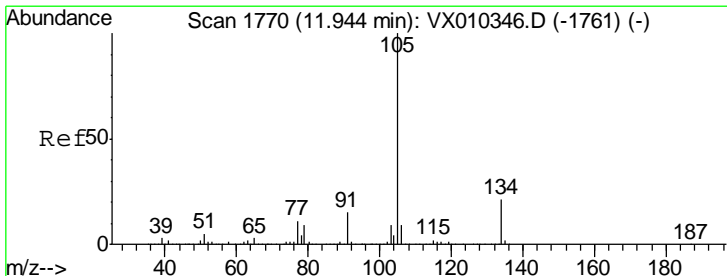
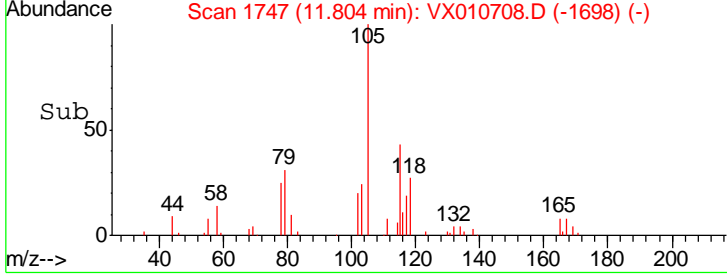
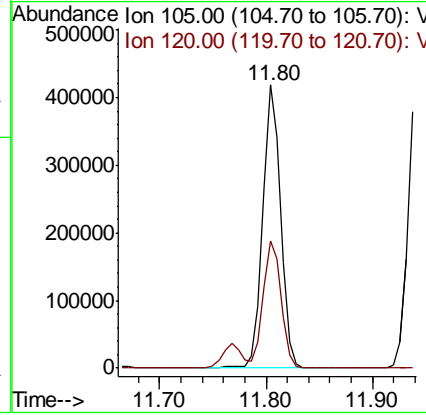
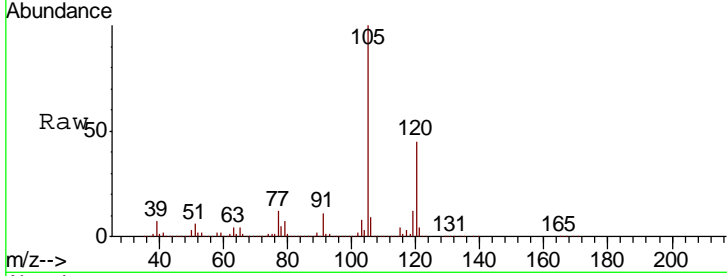


#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.121 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

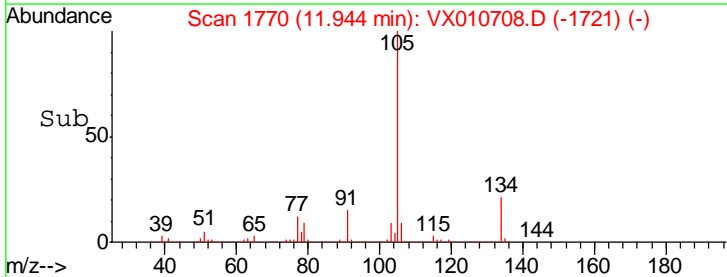
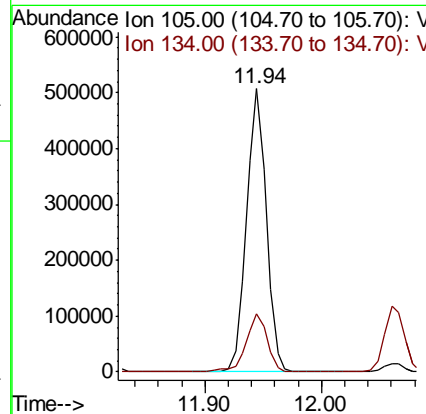
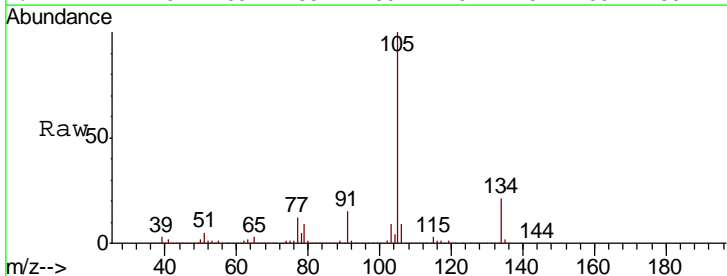
Tgt Ion	Resp	Lower	Upper
105	494890		
120	45.1	23.1	69.2

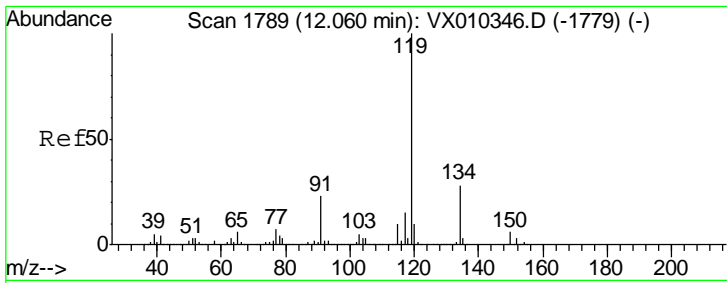
Manual Integrations  
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#85  
 sec-Butylbenzene  
 Concen: 54.997 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
105	600991		
134	21.9	10.7	31.9



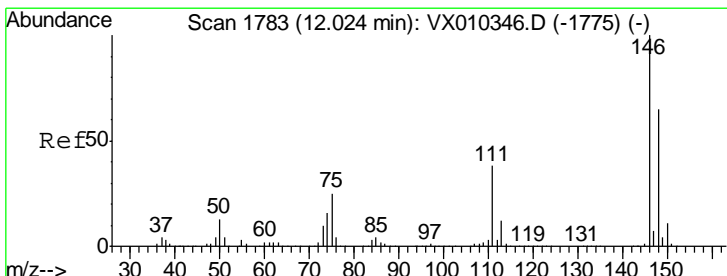
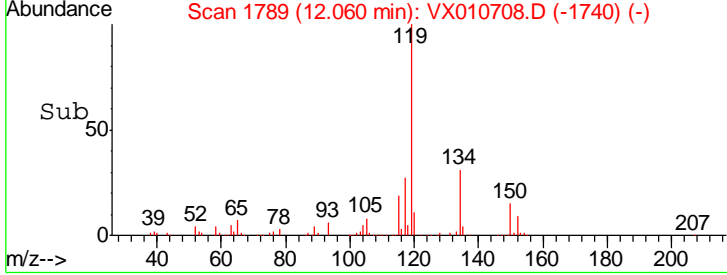
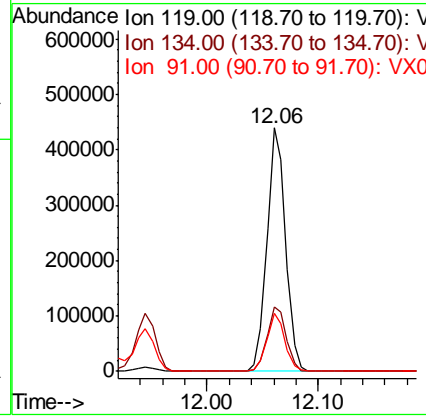
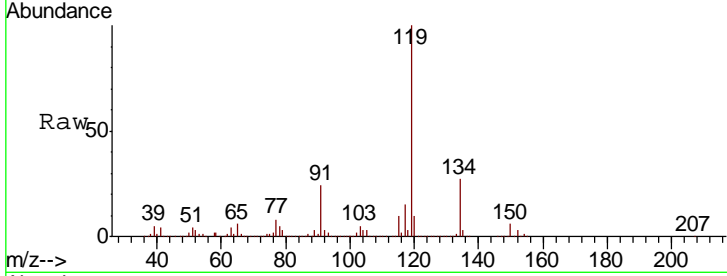


#86  
 p-Isopropyltoluene  
 Concen: 51.191 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

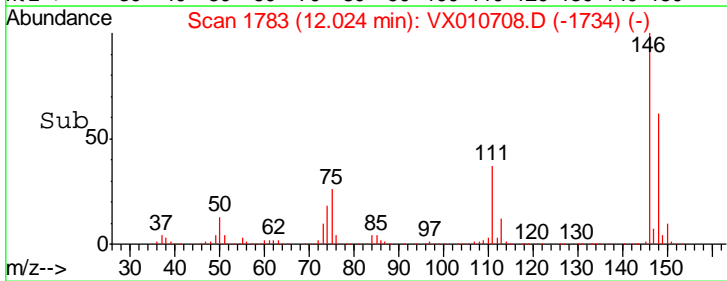
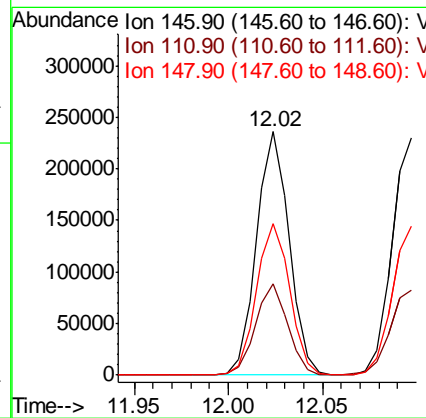
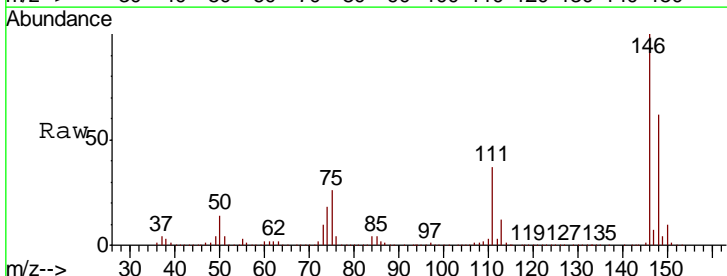
Tgt Ion	Resp	Lower	Upper
119	517432		
134	27.2	13.7	41.1
91	23.1	11.3	33.8

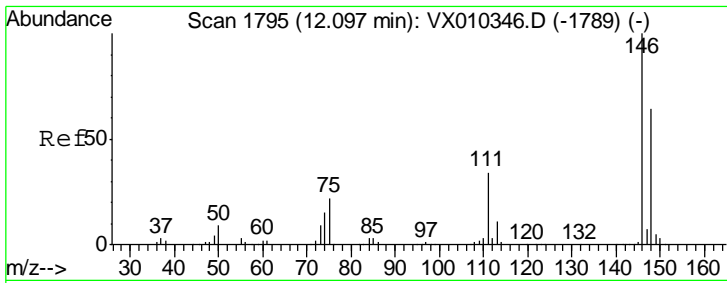
Manual Integrations  
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#87  
 1,3-Dichlorobenzene  
 Concen: 51.562 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
146	282689		
111	37.1	19.1	57.1
148	63.5	32.5	97.4





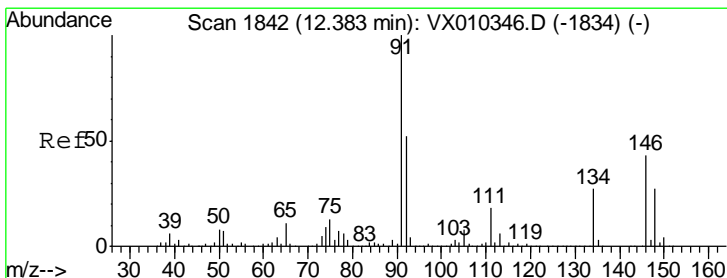
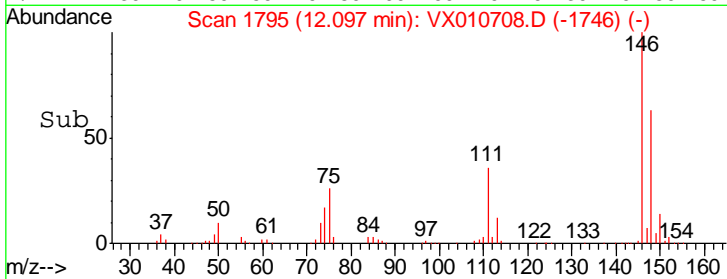
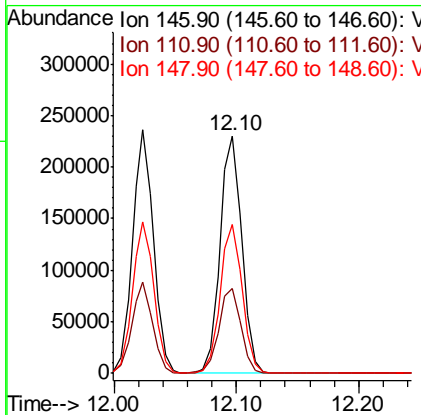
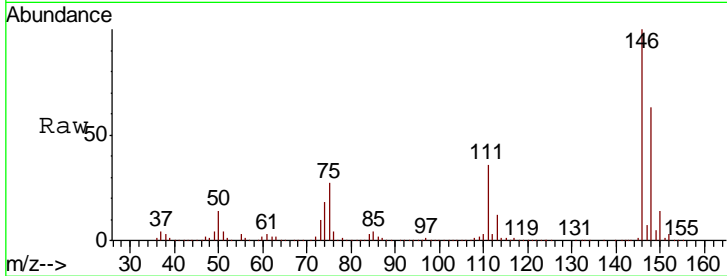
#88  
 1,4-Dichlorobenzene  
 Concen: 50.898 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
146	100		
111	36.8	18.1	54.3
148	63.1	32.1	96.3

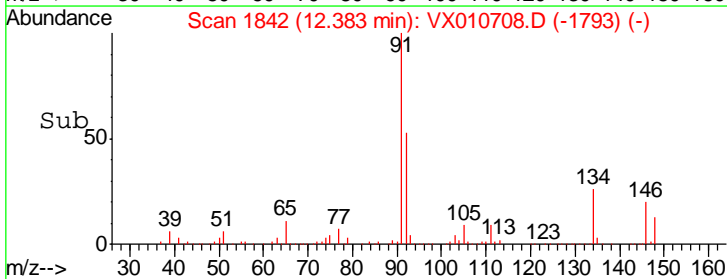
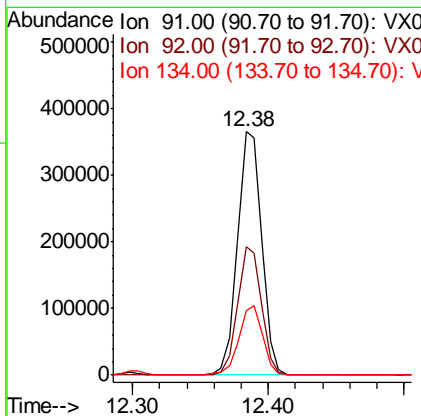
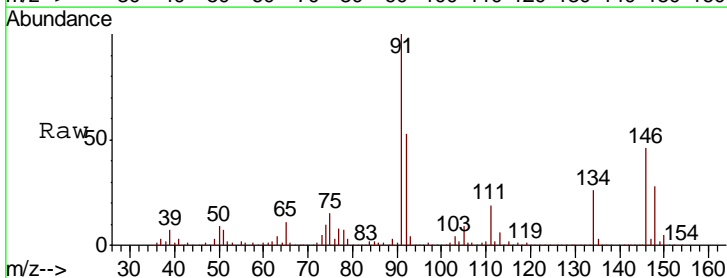
Manual Integrations  
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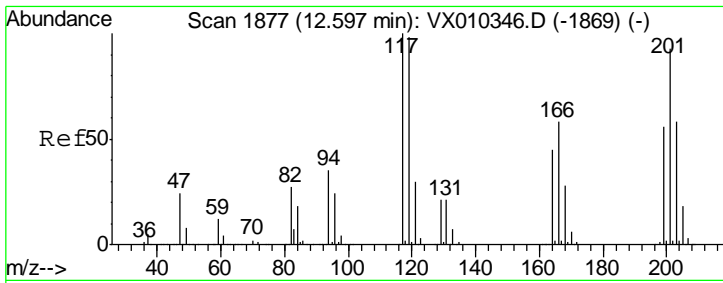


#89  
 n-Butylbenzene  
 Concen: 52.546 ug/l  
 RT: 12.38 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
91	100		
92	51.8	26.2	78.5
134	28.3	14.1	42.4





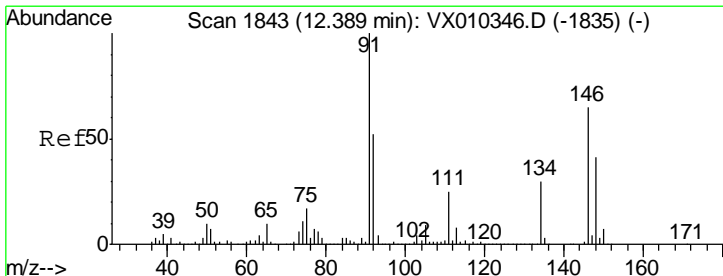
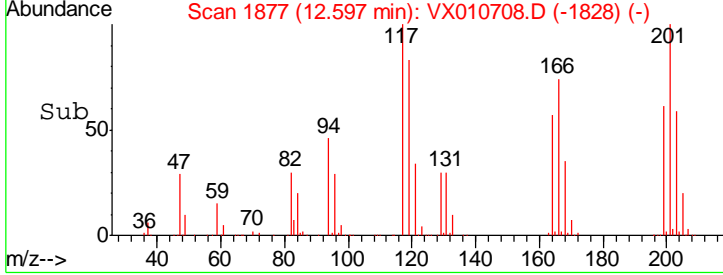
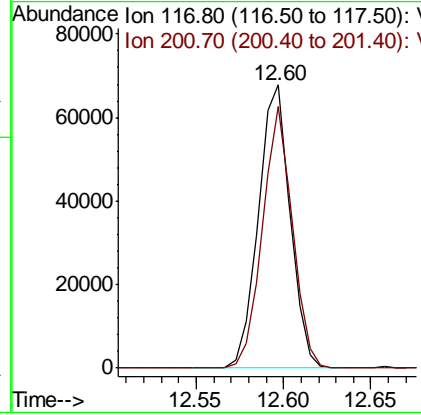
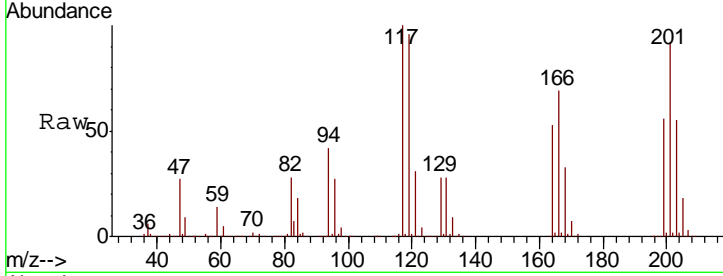


#90  
 Hexachloroethane  
 Concen: 48.925 ug/l  
 RT: 12.60 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument : MSVOA\_X  
 ClientSampled : SS038RW151-190702MSD

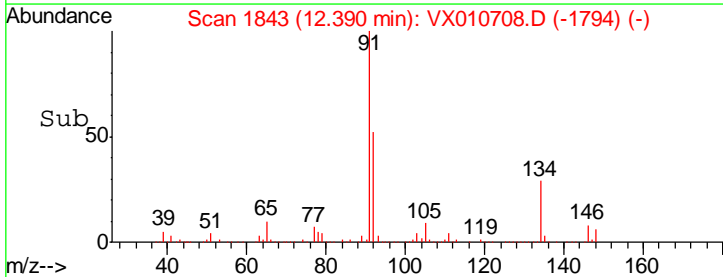
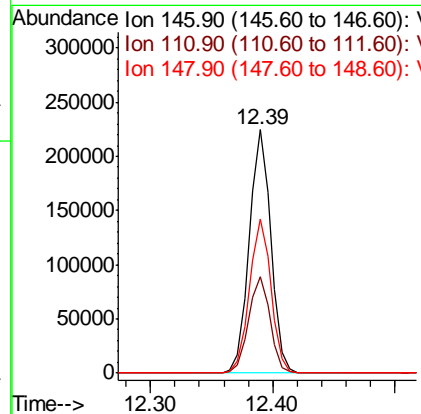
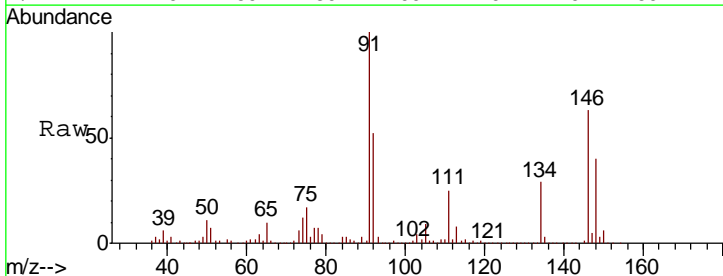
Tgt Ion	Resp	Lower	Upper
117	100		
201	87.2	44.0	131.8

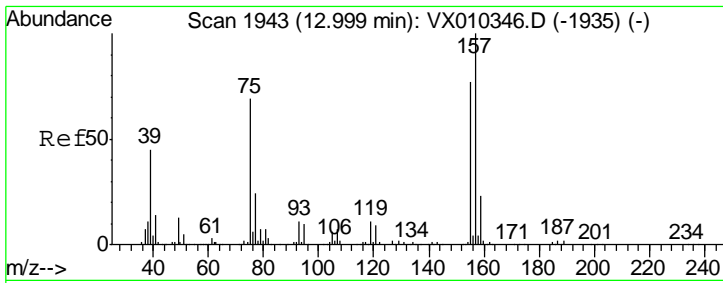
Manual Integrations  
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 7/9/2019 11:12:36 AM



#91  
 1,2-Dichlorobenzene  
 Concen: 50.325 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
146	100		
111	39.4	19.2	57.6
148	63.2	32.0	96.0





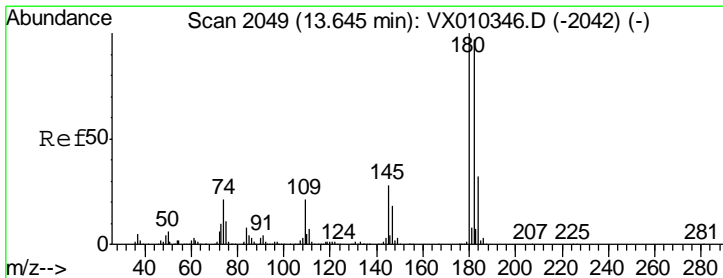
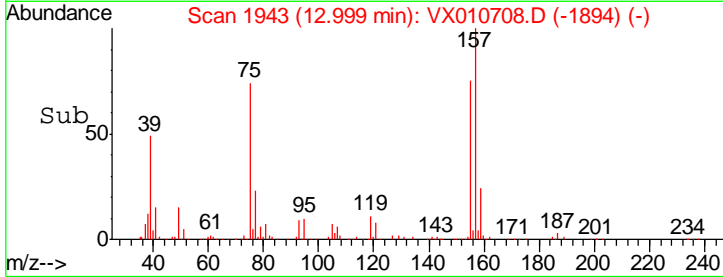
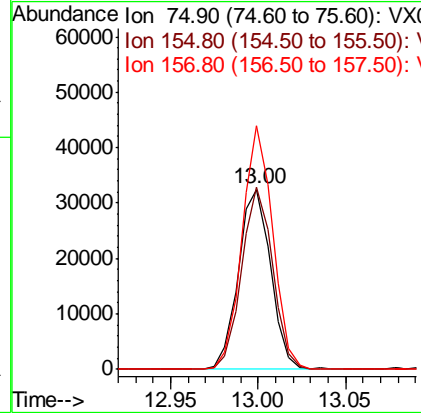
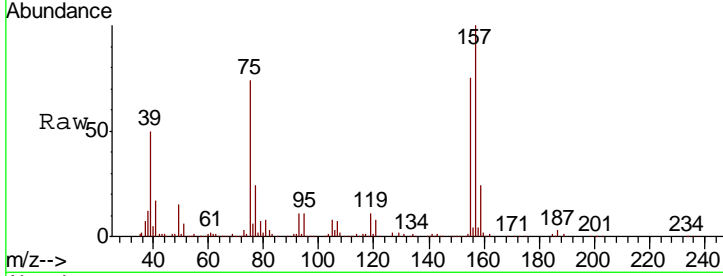
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.727 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
75	41545		
75	100		
155	97.6	54.4	163.1
157	128.4	69.5	208.3

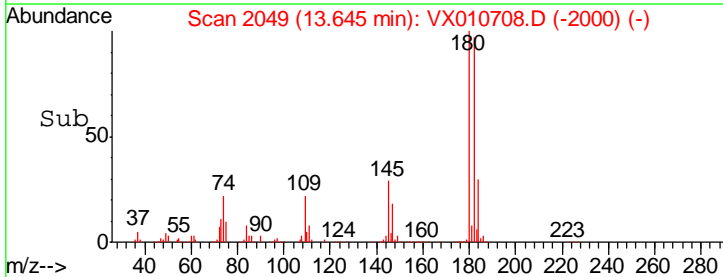
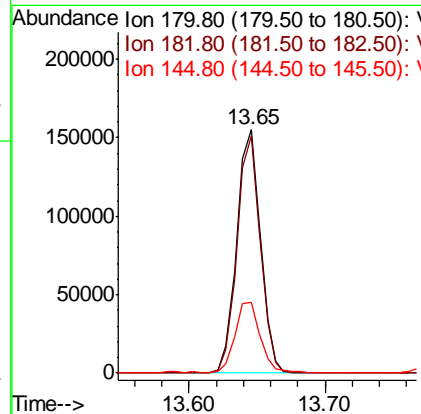
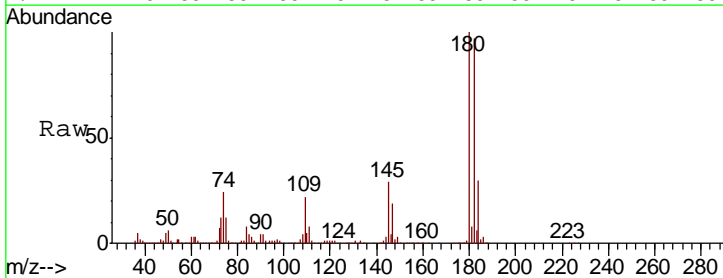
Manual Integrations  
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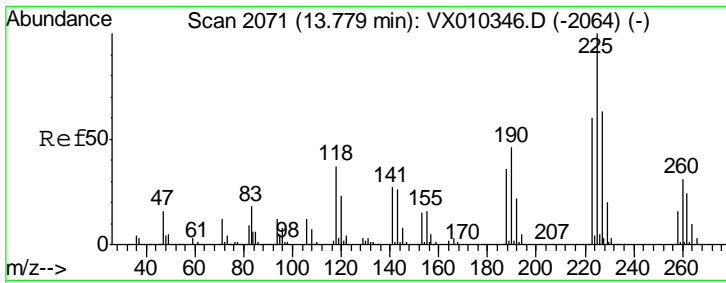
MMDadoda  
 7/9/2019 11:12:36 AM



#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.898 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Tgt Ion	Resp	Lower	Upper
180	188554		
180	100		
182	95.5	48.0	144.0
145	31.6	14.4	43.4





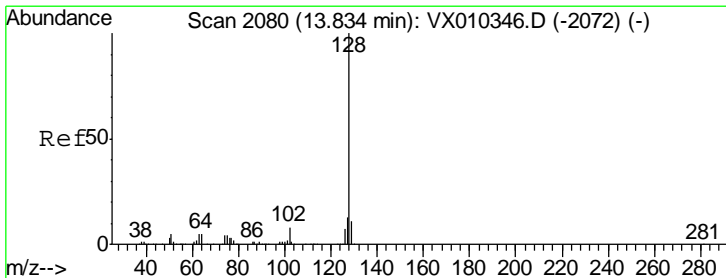
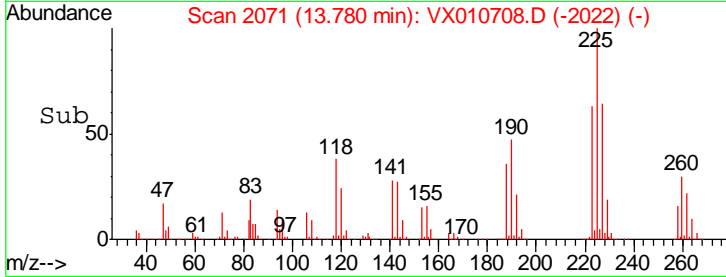
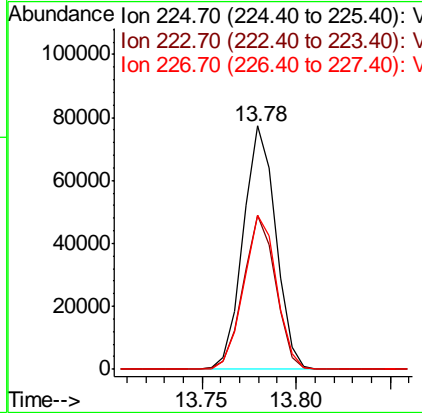
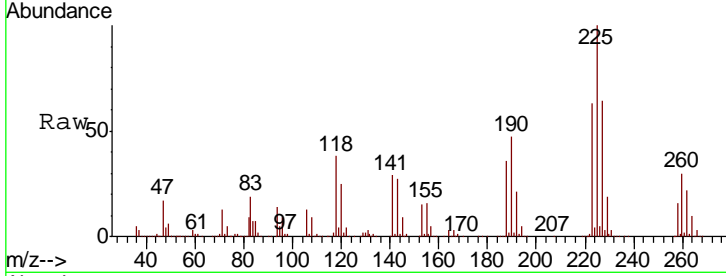
#94  
 Hexachlorobutadiene  
 Concen: 50.197 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 SS038RW151-190702MSD

Tgt Ion	Resp	Lower	Upper
225	100		
223	62.6	30.9	92.7
227	63.9	31.9	95.5

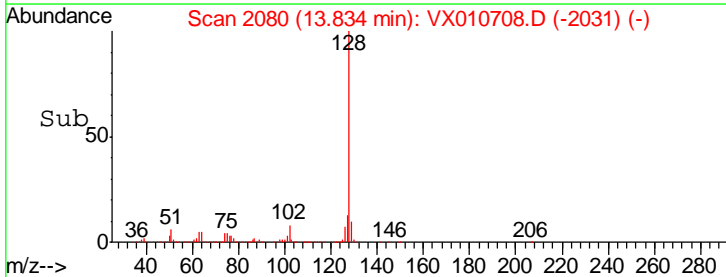
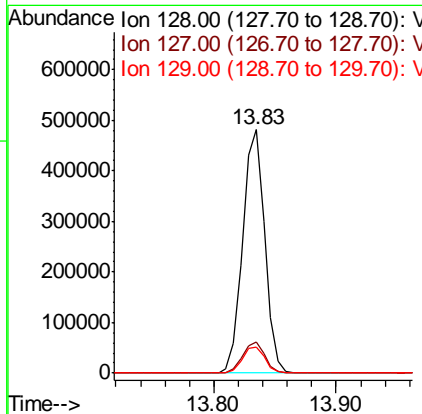
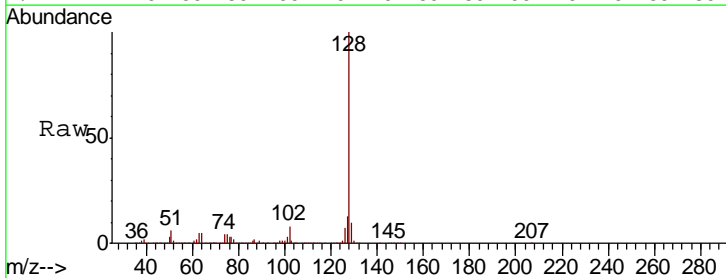
Manual Integrations  
 APPROVED

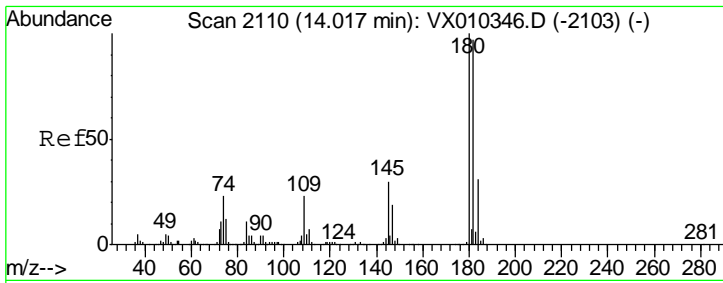
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 7/9/2019 11:12:36 AM



#95  
 Naphthalene  
 Concen: 51.474 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

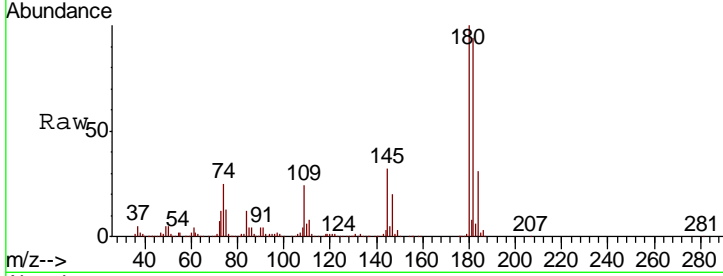
Tgt Ion	Resp	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3





#96  
 1,2,3-Trichlorobenzene  
 Concen: 50.620 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. 0.00 min  
 Lab File: VX010708.D  
 Acq: 08 Jul 2019 20:06

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 SS038RW151-190702MSD



Tgt Ion	Resp	Lower	Upper
180	100		
182	94.0	47.8	143.3
145	32.0	15.2	45.6

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/9/2019 11:12:36 AM

