

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\  
 Data File : VW012710.D  
 Acq On : 07 Sep 2019 10:12  
 Operator : SY/VA  
 Sample : VSTDIC010  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VSTDIC010

**Manual Integrations**  
**APPROVED**  
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 9/10/2019 1:01:01 PM

Quant Time: Sep 08 04:57:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090719S.M  
 Quant Title : SW846 8260  
 QLast Update : Sun Sep 08 04:47:02 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156568	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	28015	9.61	ug/l	0.00
Spiked Amount				50.000		
Recovery						19.22%
35) Dibromofluoromethane	7.88	113	22684	9.70	ug/l	0.00
Spiked Amount				50.000		
Recovery						19.40%
50) Toluene-d8	10.32	98	82164	8.97	ug/l	0.00
Spiked Amount				50.000		
Recovery						17.94%
62) 4-Bromofluorobenzene	12.62	95	32412	9.74	ug/l	0.00
Spiked Amount				50.000		
Recovery						19.48%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	14339	10.141	ug/l	99
3) Chloromethane	2.21	50	20682	12.036	ug/l	98
4) Vinyl Chloride	2.36	62	24043	11.411	ug/l	95
5) Bromomethane	2.78	94	12945	11.314	ug/l	95
6) Chloroethane	2.92	64	13887	11.045	ug/l	95
7) Trichlorofluoromethane	3.26	101	15545	10.691	ug/l	100
8) Diethyl Ether	3.68	74	12290	10.057	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	23685	10.380	ug/l	97
10) Methyl Iodide	4.28	142	30949	10.775	ug/l	99
11) Tert butyl alcohol	5.16	59	9151	41.042	ug/l #	78
12) 1,1-Dichloroethene	4.04	96	22497	10.445	ug/l	98
13) Acrolein	3.89	56	12318	52.060	ug/l	96
14) Allyl chloride	4.67	41	44711	10.035	ug/l	97
15) Acrylonitrile	5.36	53	32771	45.914	ug/l	99
16) Acetone	4.12	43	36547	46.001	ug/l	100
17) Carbon Disulfide	4.38	76	50752	11.101	ug/l	96
18) Methyl Acetate	4.67	43	17532	9.406	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	41372	9.685	ug/l	97
20) Methylene Chloride	4.92	84	27596	11.103	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	23056	10.491	ug/l	96
22) Diisopropyl ether	6.31	45	89611	10.140	ug/l #	88
23) Vinyl Acetate	6.26	43	269533	48.126	ug/l	98
24) 1,1-Dichloroethane	6.22	63	47936	10.074	ug/l	99
25) 2-Butanone	7.17	43	45258	43.157	ug/l	98
26) 2,2-Dichloropropane	7.16	77	30071	10.006	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	25230	9.901	ug/l	99
28) Bromochloromethane	7.51	49	20870	9.552	ug/l	99
29) Tetrahydrofuran	7.53	42	29400	45.825	ug/l	97
30) Chloroform	7.68	83	47913	10.160	ug/l	88
31) Cyclohexane	7.95	56	47080	10.990	ug/l #	87
32) 1,1,1-Trichloroethane	7.87	97	38982	10.198	ug/l	98
36) 1,1-Dichloropropene	8.09	75	35666	10.202	ug/l	98
37) Ethyl Acetate	7.25	43	20467	9.184	ug/l	98
38) Carbon Tetrachloride	8.07	117	34821	10.105	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	40791	10.389	ug/l	99
40) Benzene	8.32	78	100319	10.343	ug/l	100
41) Methacrylonitrile	7.48	41	10204	7.594	ug/l #	78
42) 1,2-Dichloroethane	8.40	62	33800	9.902	ug/l	99
43) Isopropyl Acetate	8.42	43	36436	8.630	ug/l	97
44) Trichloroethene	9.09	130	25300	10.119	ug/l	96
45) 1,2-Dichloropropane	9.37	63	27051	10.056	ug/l	96
46) Dibromomethane	9.46	93	12137	9.528	ug/l	97
47) Bromodichloromethane	9.65	83	32605	9.303	ug/l	97
48) Methyl methacrylate	9.44	41	17616	8.731	ug/l	95
49) 1,4-Dioxane	9.44	88	4134	164.290	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	93247	42.090	ug/l	100
52) Toluene	10.38	92	56914	9.401	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	32683	9.069	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	38993	9.538	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17815	9.341	ug/l	98
56) Ethyl methacrylate	10.65	69	23945	8.577	ug/l	97
57) 1,3-Dichloropropane	10.93	76	33613	9.527	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	64736	43.680	ug/l	100
59) 2-Hexanone	10.97	43	70165	43.350	ug/l	100
60) Dibromochloromethane	11.13	129	20345	9.071	ug/l	97
61) 1,2-Dibromoethane	11.24	107	16882	9.655	ug/l	99
64) Tetrachloroethene	10.86	164	20655	10.057	ug/l	95
65) Chlorobenzene	11.66	112	63951	9.997	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	21605	9.069	ug/l	99
67) Ethyl Benzene	11.73	91	110433	9.201	ug/l	100
68) m/p-Xylenes	11.84	106	88322	20.387	ug/l	99
69) o-Xylene	12.16	106	38504	9.421	ug/l	99
70) Styrene	12.18	104	68366	9.466	ug/l	99
71) Bromoform	12.35	173	12092	9.136	ug/l #	98
73) Isopropylbenzene	12.46	105	116231	10.351	ug/l	99
74) N-amyl acetate	12.27	43	33591	9.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	22360	9.915	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	14640m	9.528	ug/l	
77) Bromobenzene	12.74	156	25211	9.909	ug/l	99
78) n-propylbenzene	12.80	91	132861	9.893	ug/l	99
79) 2-Chlorotoluene	12.89	91	81814	10.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	99581	10.524	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	7057	9.323	ug/l	96
82) 4-Chlorotoluene	12.99	91	86194	10.569	ug/l	99
83) tert-Butylbenzene	13.21	119	88479	10.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	99259	10.410	ug/l	100
85) sec-Butylbenzene	13.38	105	122803	10.577	ug/l	100
86) p-Isopropyltoluene	13.50	119	111300	10.495	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	52504	10.499	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	49283	9.904	ug/l	98
89) n-Butylbenzene	13.82	91	107373	10.429	ug/l	99
90) Hexachloroethane	14.09	117	19101	10.318	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	46139	10.251	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3825	9.268	ug/l	95

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**ClientSampleId :**  
 VSTDICC010

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	30651	9.781	ug/l	97
94) Hexachlorobutadiene	15.24	225	23156	10.676	ug/l	99
95) Naphthalene	15.36	128	49902	8.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	27183	9.827	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

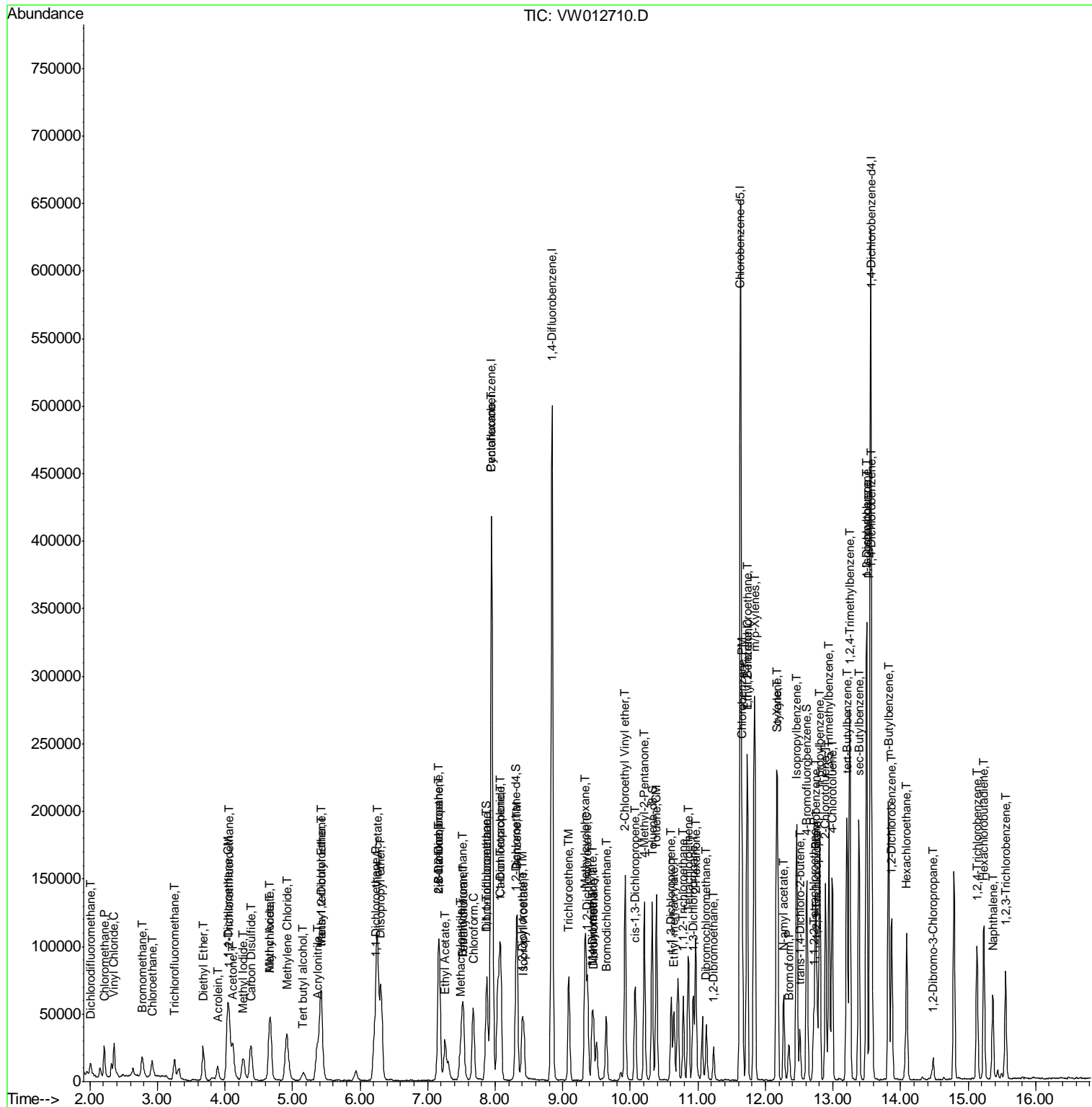
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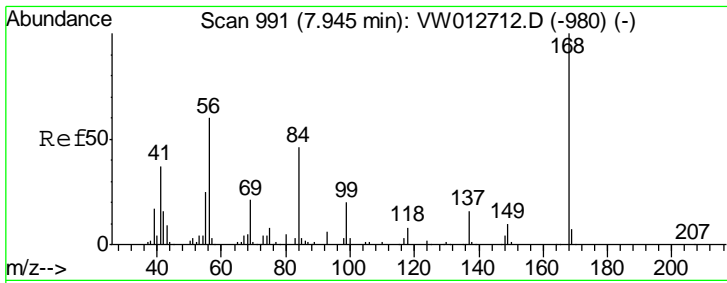
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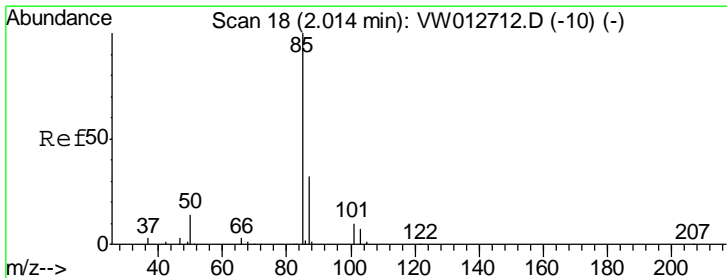
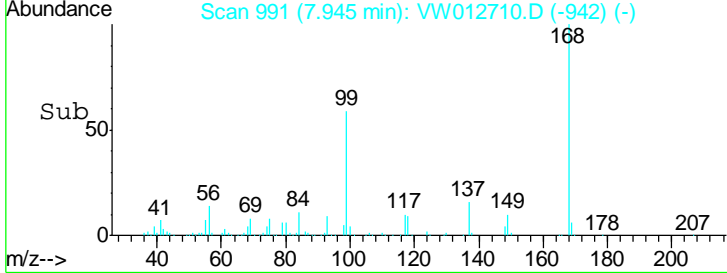
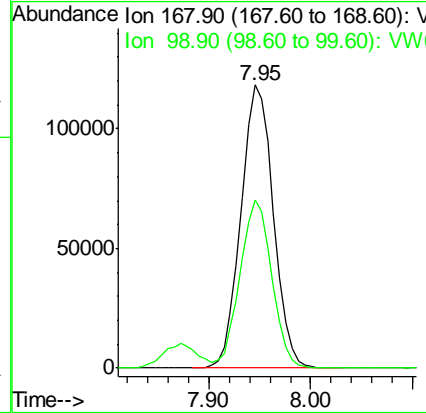
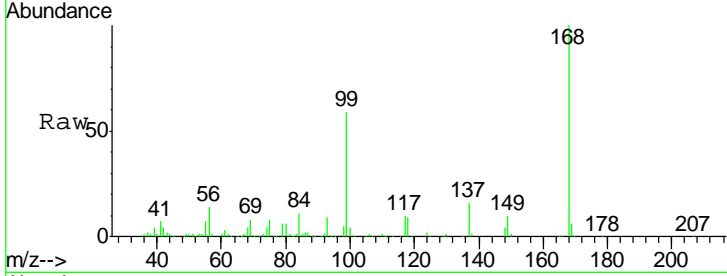
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
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Tgt Ion	Resp	Lower	Upper
168	100		
99	59.3	47.8	71.6

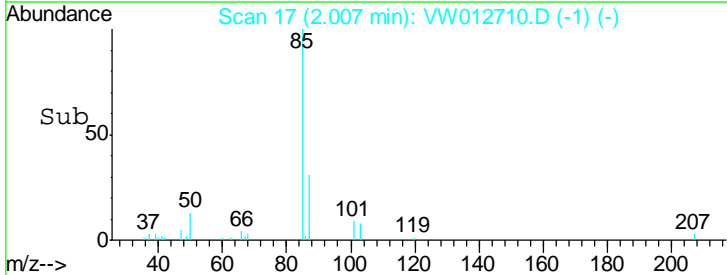
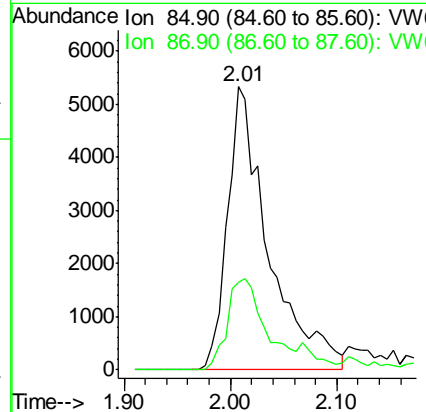
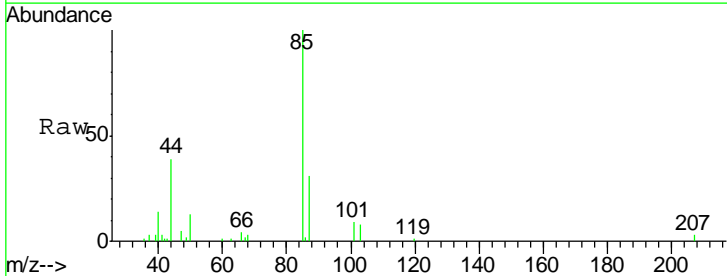
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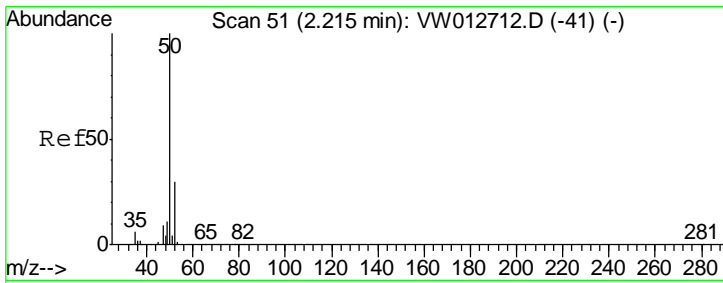
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#2  
 Dichlorodifluoromethane  
 Concen: 10.141 ug/l  
 RT: 2.01 min Scan# 17  
 Delta R.T. -0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
85	100		
87	30.9	15.8	47.4



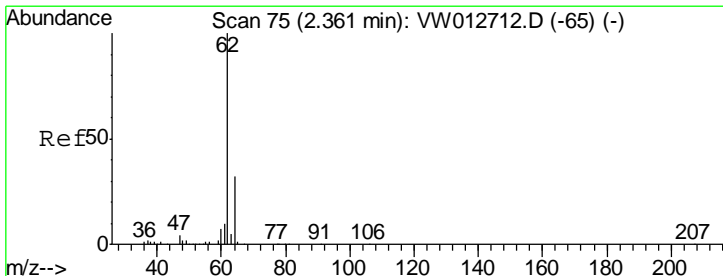
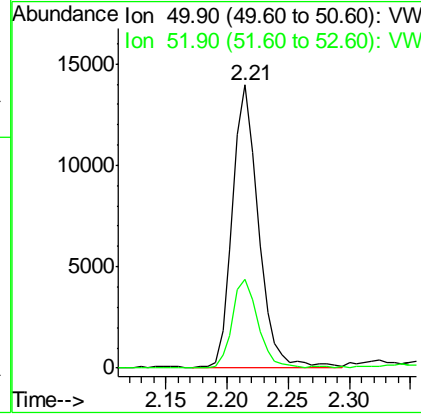
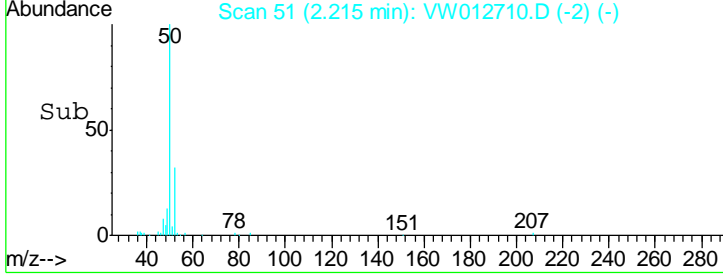
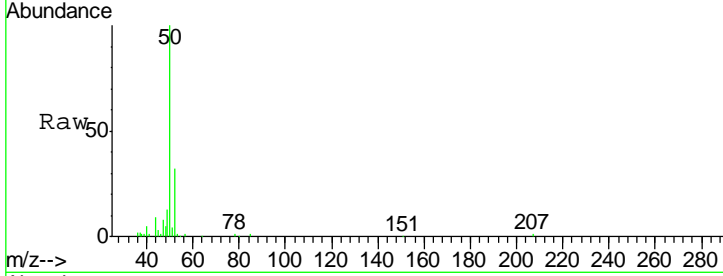


#3  
 Chloromethane  
 Concen: 12.036 ug/l  
 RT: 2.21 min Scan# 51  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
50	100		
52	31.5	24.2	36.2

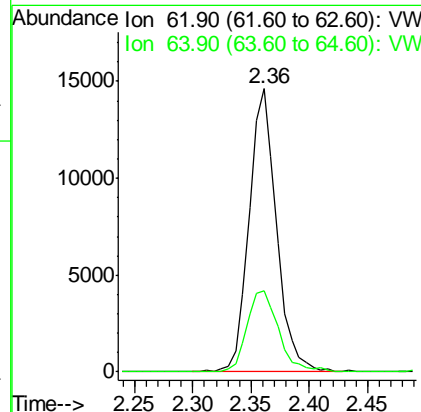
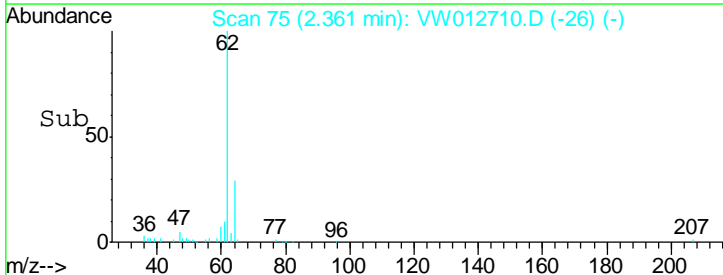
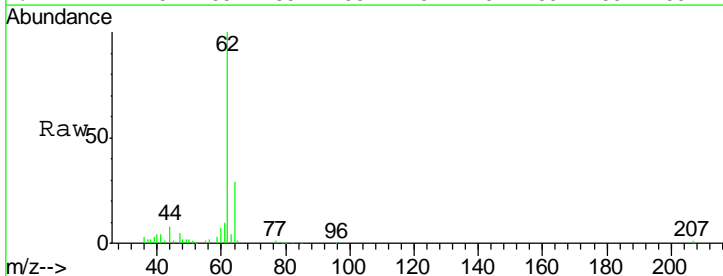
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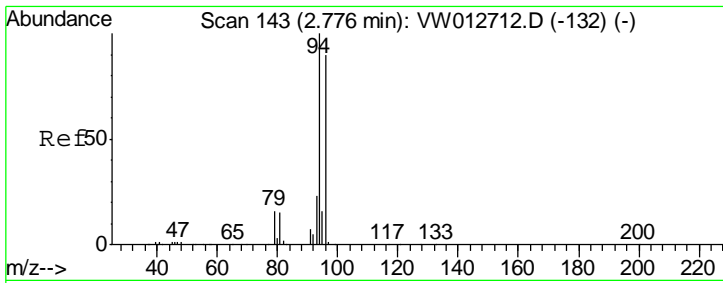
**Manual Integrations**  
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#4  
 Vinyl Chloride  
 Concen: 11.411 ug/l  
 RT: 2.36 min Scan# 75  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
62	100		
64	28.6	25.3	37.9



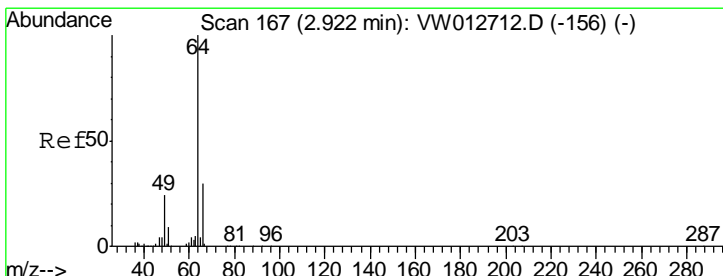
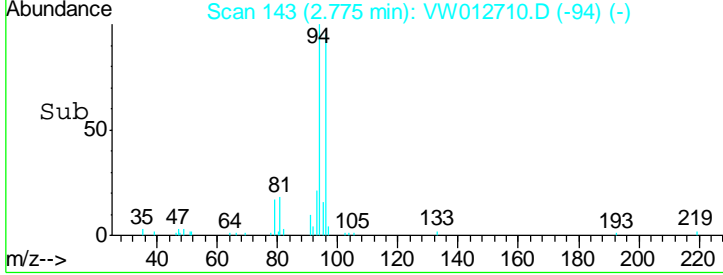
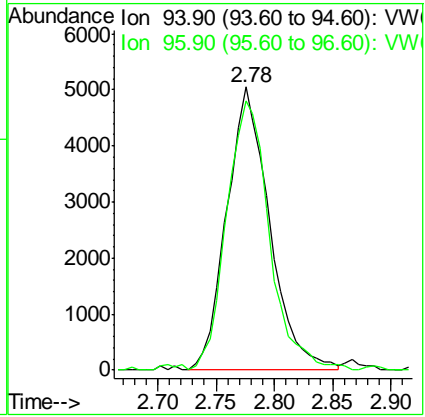
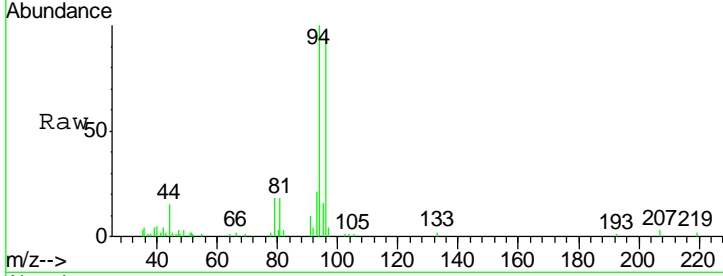


#5  
 Bromomethane  
 Concen: 11.314 ug/l  
 RT: 2.78 min Scan# 143  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
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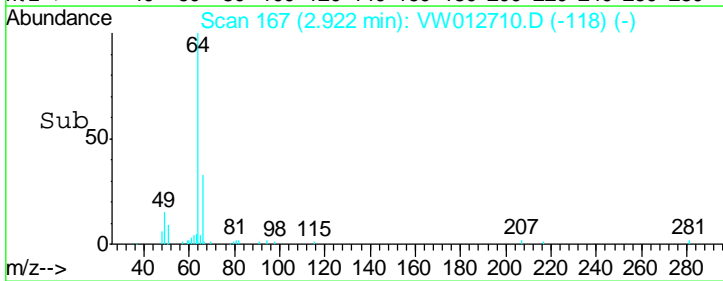
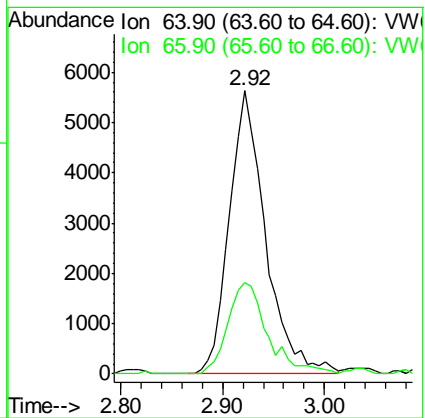
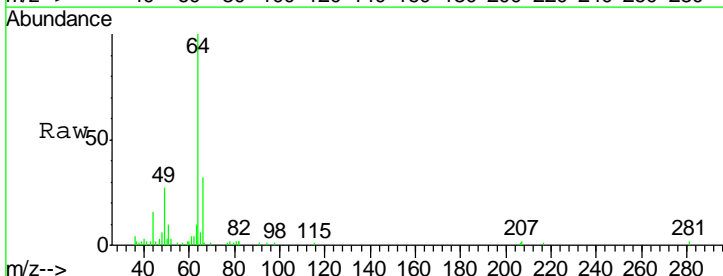
Tgt Ion	Resp	Lower	Upper
94	12945		
96	95.1	72.1	108.1

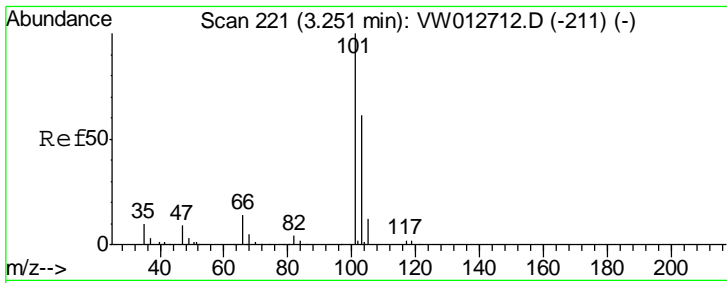
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#6  
 Chloroethane  
 Concen: 11.045 ug/l  
 RT: 2.92 min Scan# 167  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
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Tgt Ion	Resp	Lower	Upper
64	13887		
66	32.4	23.8	35.6



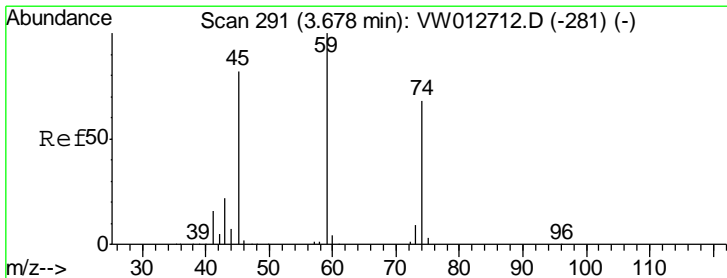
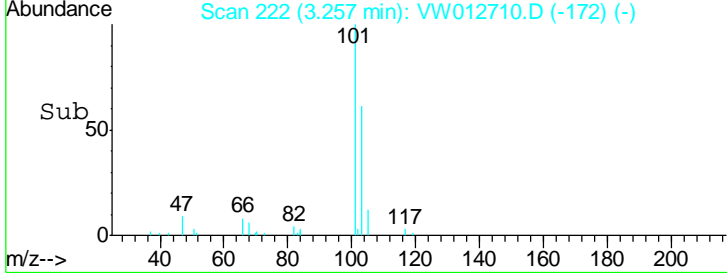
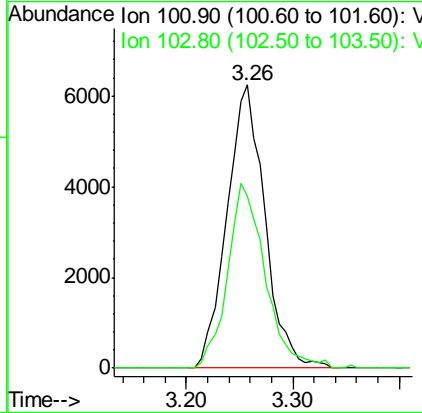
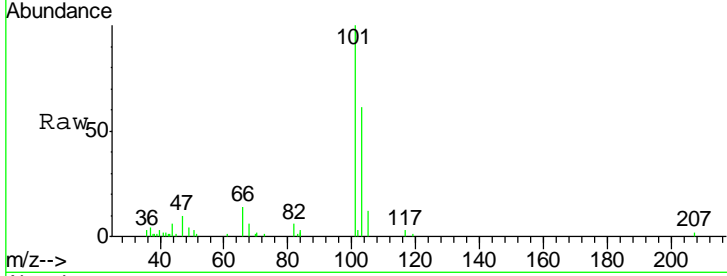


#7  
 Trichlorofluoromethane  
 Concen: 10.691 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
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Instrument : MSVOA\_W  
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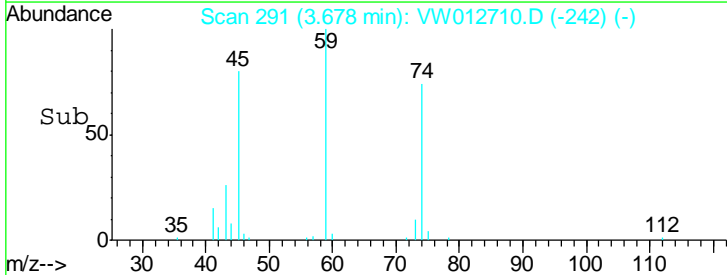
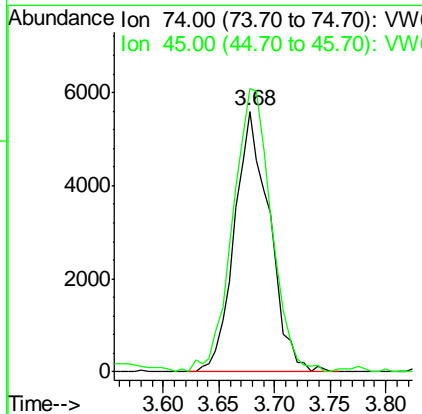
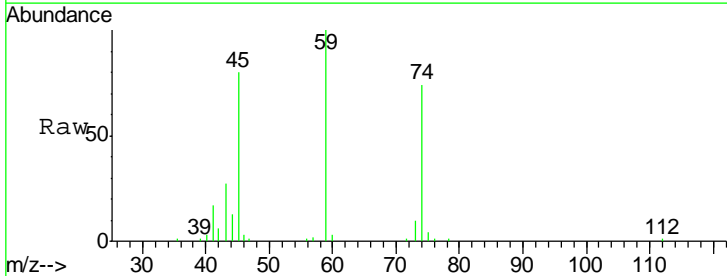
Tgt Ion	Resp	Lower	Upper
101	15545		
103	61.0	49.0	73.4

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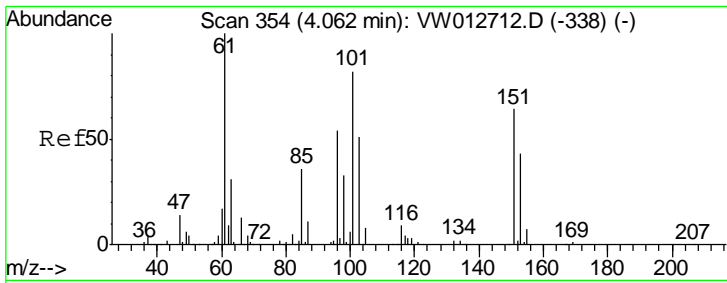


#8  
 Diethyl Ether  
 Concen: 10.057 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
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Tgt Ion	Resp	Lower	Upper
74	12290		
45	119.4	58.8	176.4







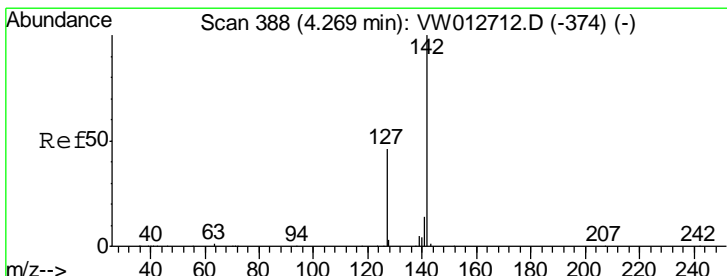
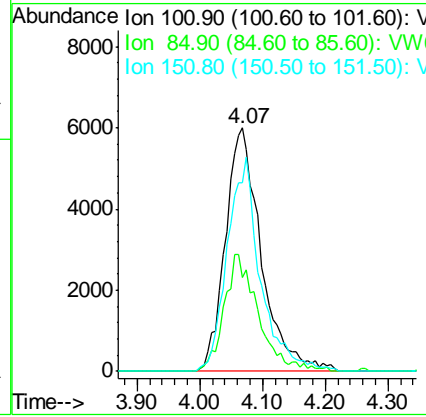
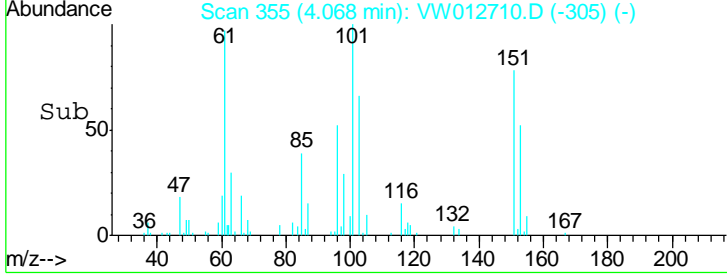
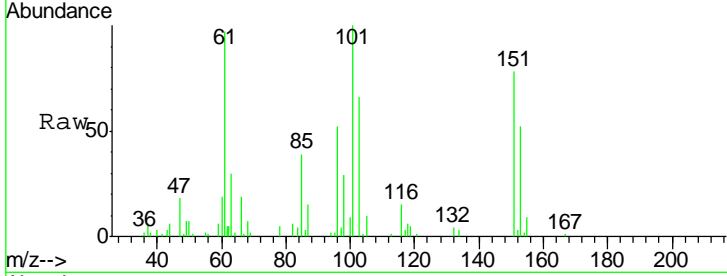
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 10.380 ug/l  
 RT: 4.07 min Scan# 355  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

Tgt Ion	Resp	Lower	Upper
101	23685		
101	100		
85	45.9	36.2	54.2
151	81.1	61.9	92.9

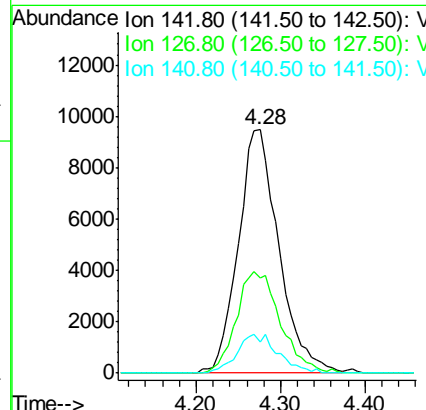
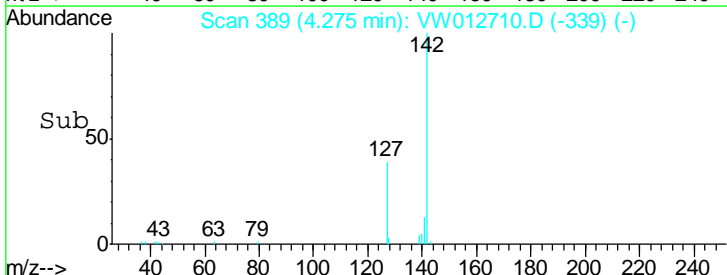
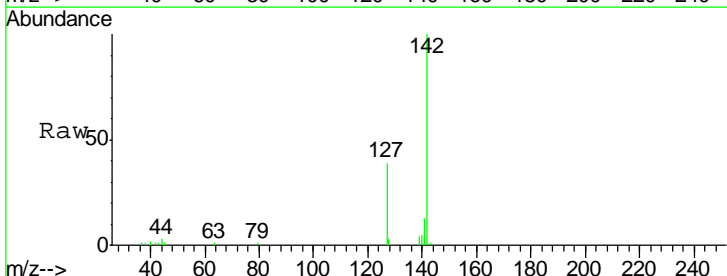
**Manual Integrations**  
**APPROVED**

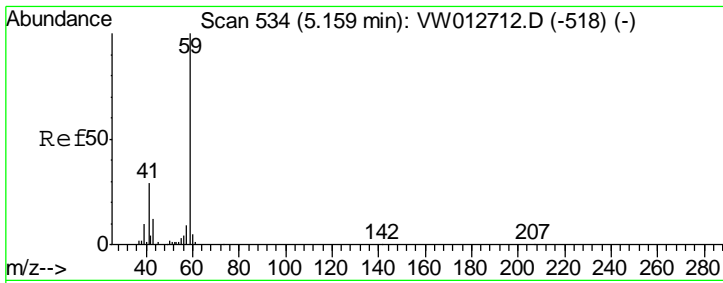
MMDadoda  
 9/10/2019 1:01:01 PM



#10  
 Methyl Iodide  
 Concen: 10.775 ug/l  
 RT: 4.28 min Scan# 389  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
142	30949		
142	100		
127	45.3	36.0	54.0
141	16.0	12.2	18.4





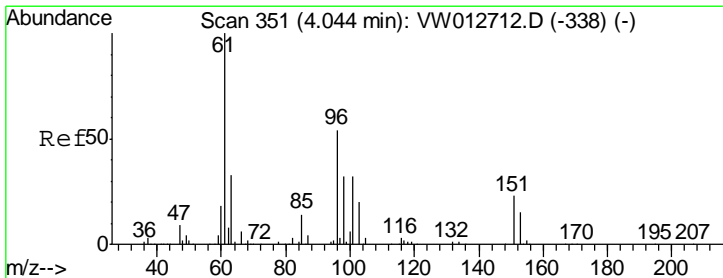
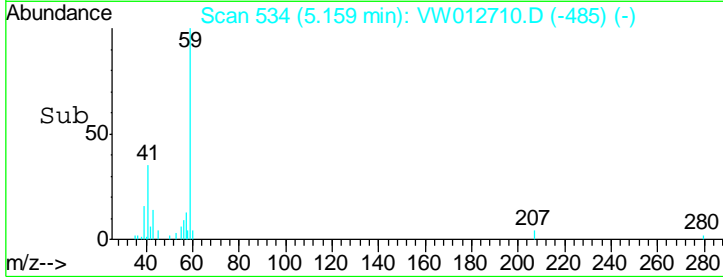
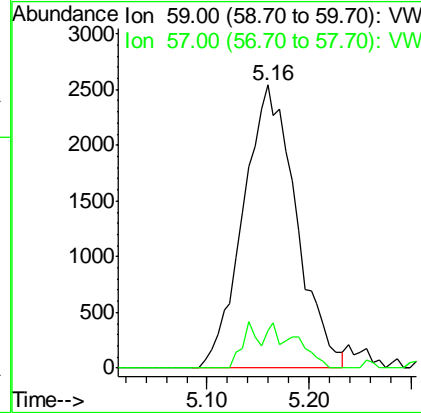
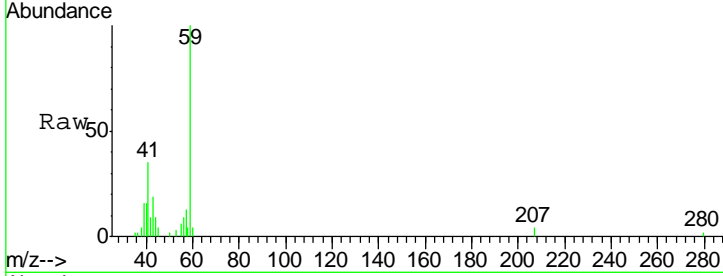
#11  
 Tert butyl alcohol  
 Concen: 41.042 ug/l  
 RT: 5.16 min Scan# 534  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
59	100		
57	2.0	8.2	12.4#

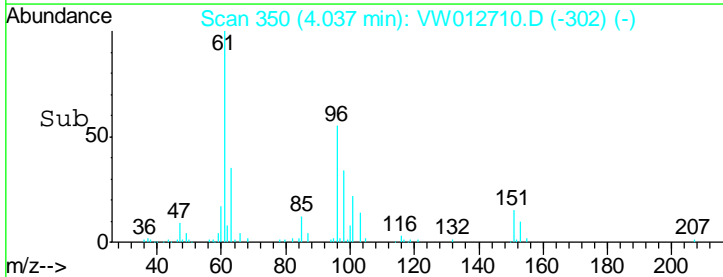
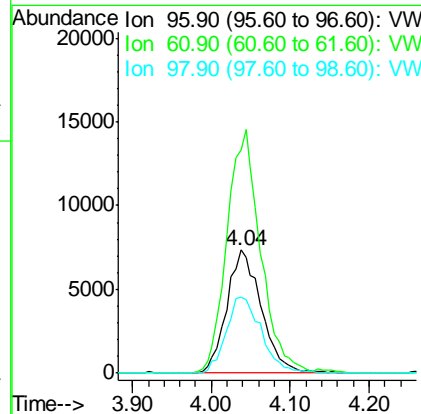
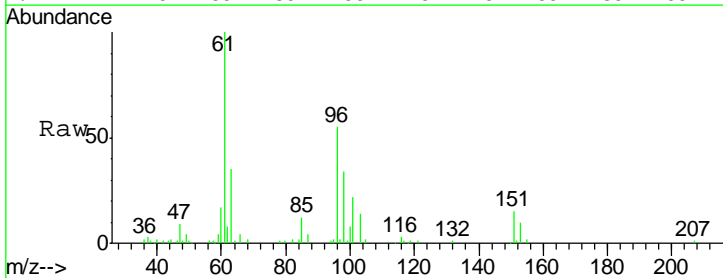
Manual Integrations  
 APPROVED

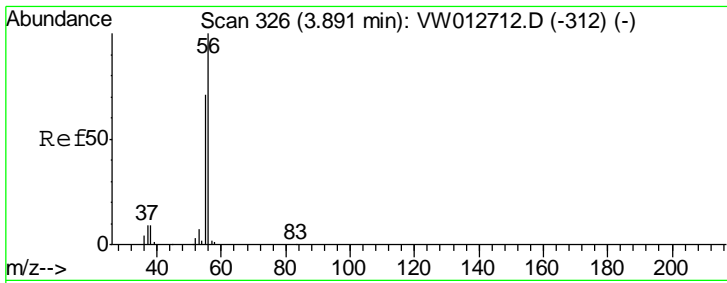
MMDadoda  
 9/10/2019 1:01:01 PM



#12  
 1,1-Dichloroethene  
 Concen: 10.445 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. -0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

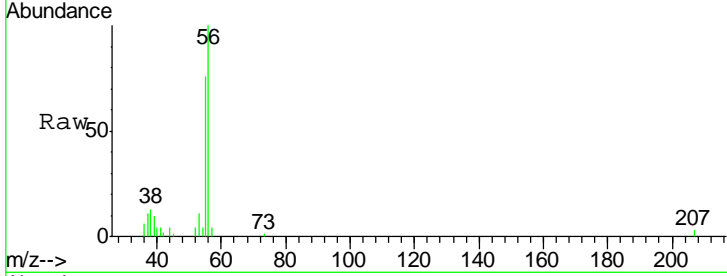
Tgt Ion	Resp	Lower	Upper
96	100		
61	182.0	147.8	221.6
98	61.3	47.9	71.9





#13  
 Acrolein  
 Concen: 52.060 ug/l  
 RT: 3.89 min Scan# 326  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

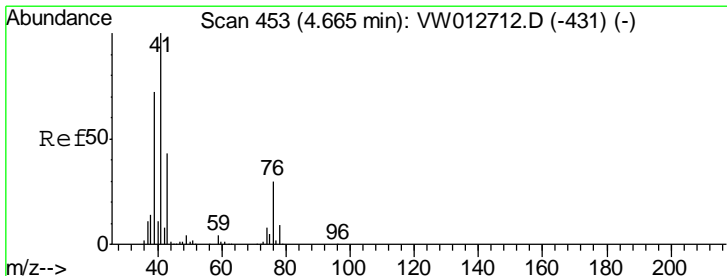
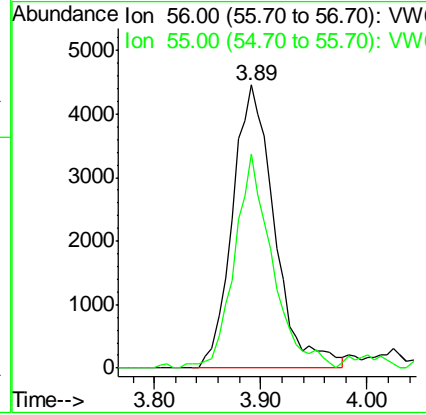
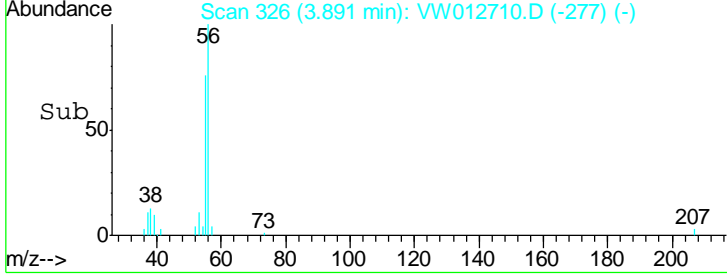
Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010



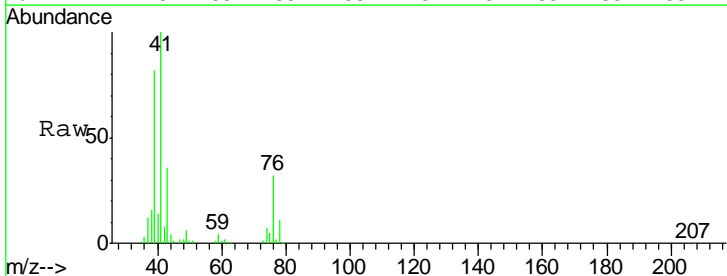
Tgt Ion: 56 Resp: 12318

Ion	Ratio	Lower	Upper
56	100		
55	67.9	56.9	85.3

Manual Integrations APPROVED  
 MMDadoda  
 9/10/2019 1:01:01 PM

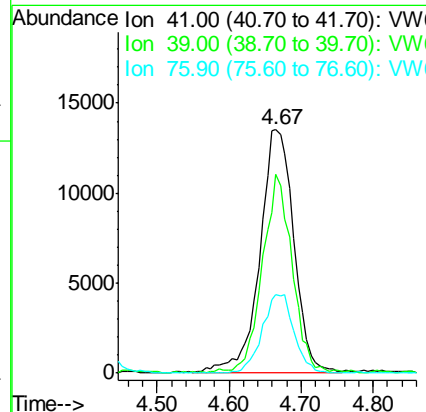
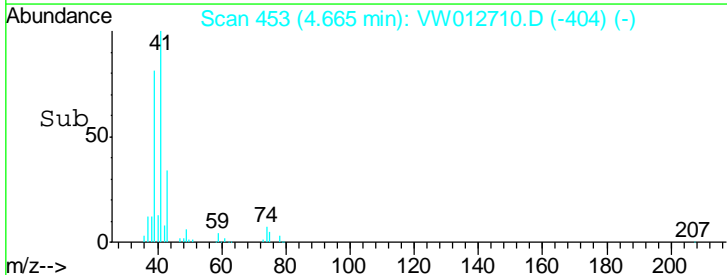


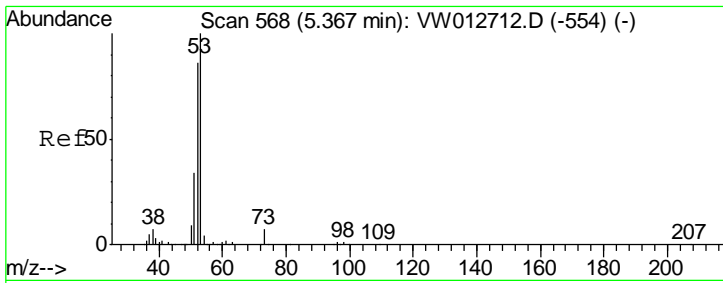
#14  
 Allyl chloride  
 Concen: 10.035 ug/l  
 RT: 4.67 min Scan# 453  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12



Tgt Ion: 41 Resp: 44711

Ion	Ratio	Lower	Upper
41	100		
39	71.5	55.0	82.6
76	30.0	23.0	34.4





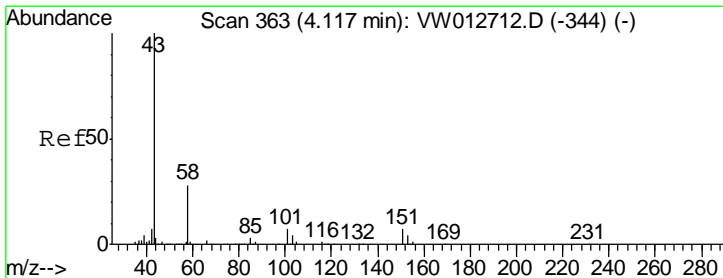
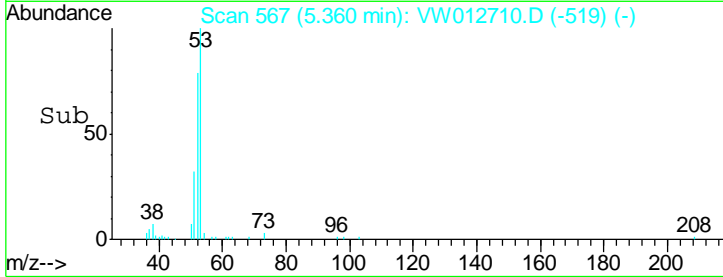
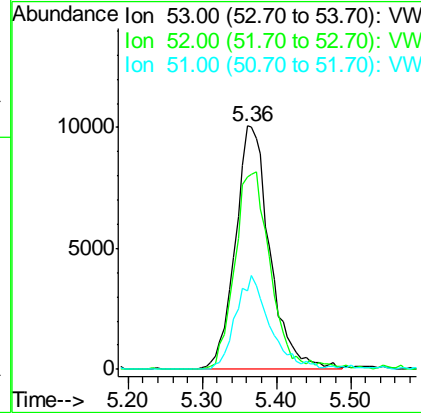
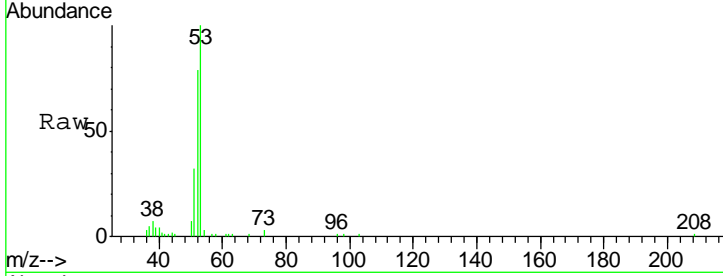
#15  
 Acrylonitrile  
 Concen: 45.914 ug/l  
 RT: 5.36 min Scan# 567  
 Delta R.T. -0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC010

Tgt Ion	Resp	Lower	Upper
53	32771		
52	82.1	67.0	100.4
51	37.0	29.8	44.8

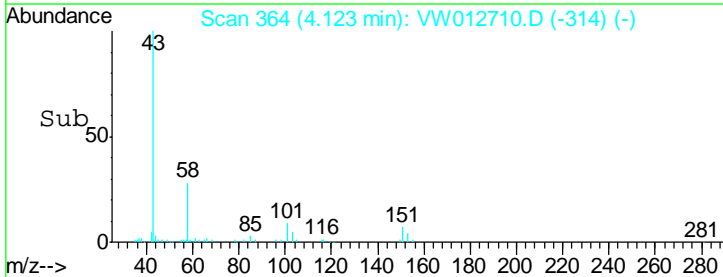
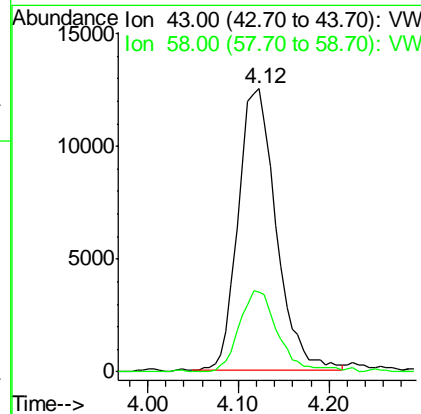
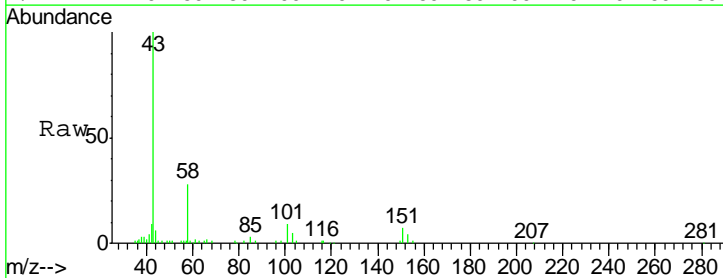
Manual Integrations  
 APPROVED

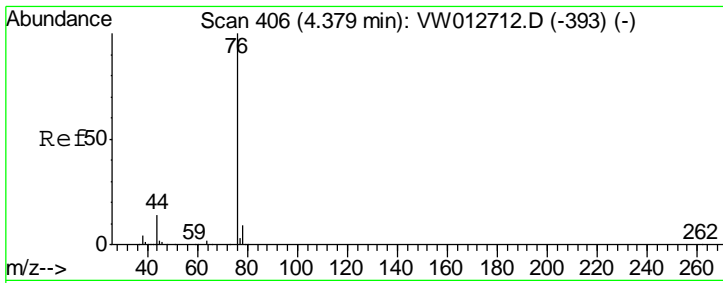
MMDadoda  
 9/10/2019 1:01:01 PM



#16  
 Acetone  
 Concen: 46.001 ug/l  
 RT: 4.12 min Scan# 364  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
43	36547		
58	28.1	22.6	33.8





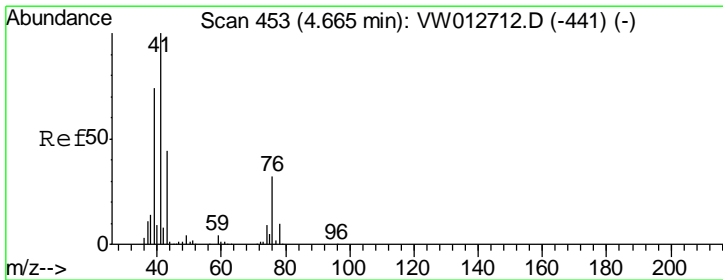
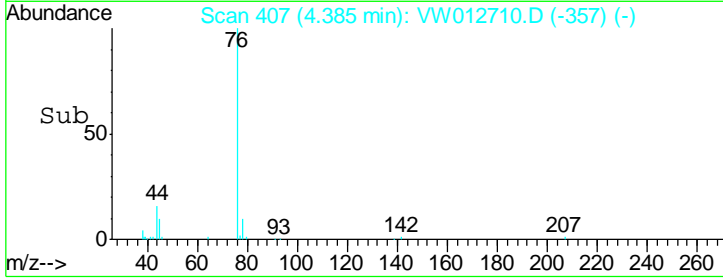
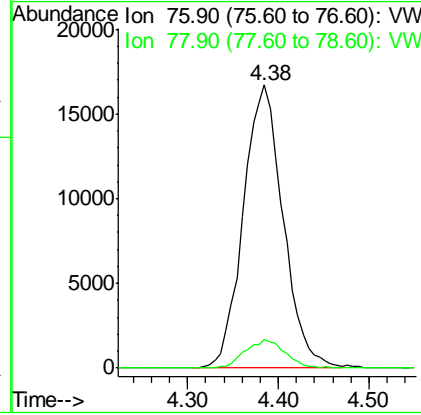
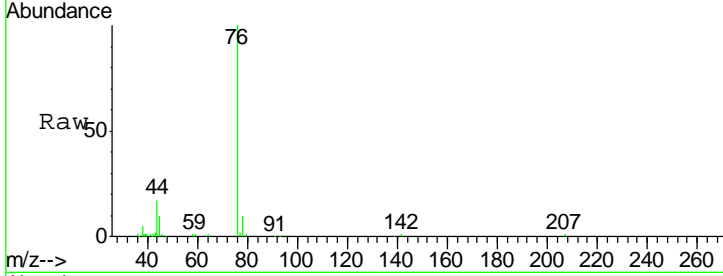
#17  
 Carbon Disulfide  
 Concen: 11.101 ug/l  
 RT: 4.38 min Scan# 407  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

Tgt Ion	Resp	Lower	Upper
76	50752		
76	100		
78	10.3	7.2	10.8

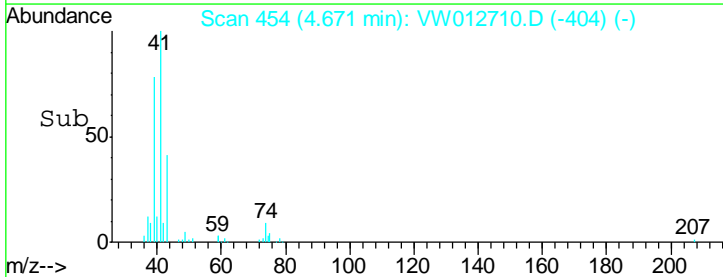
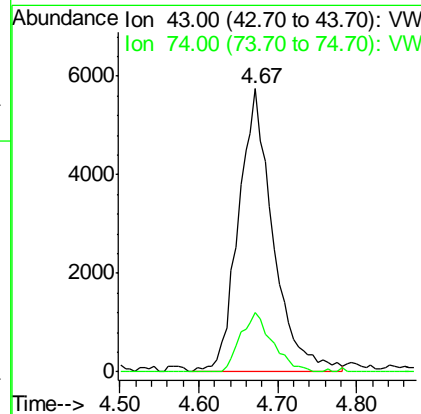
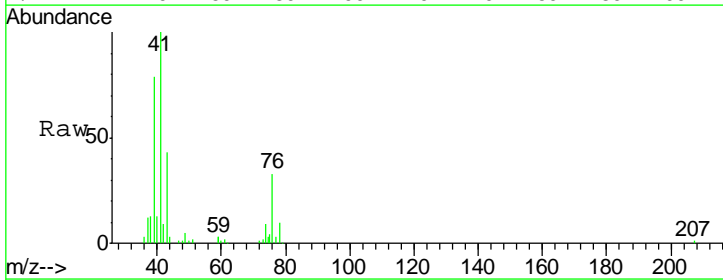
**Manual Integrations**  
**APPROVED**

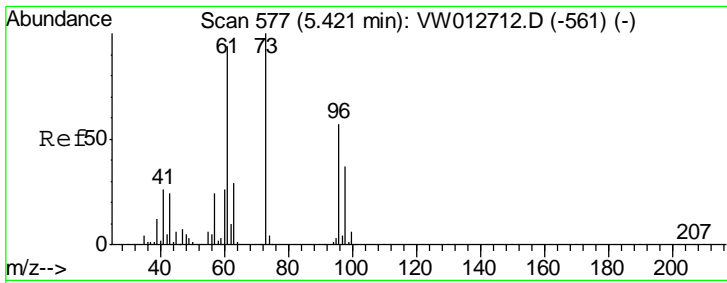
MMDadoda  
 9/10/2019 1:01:01 PM



#18  
 Methyl Acetate  
 Concen: 9.406 ug/l  
 RT: 4.67 min Scan# 454  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
43	17532		
43	100		
74	19.3	15.8	23.6



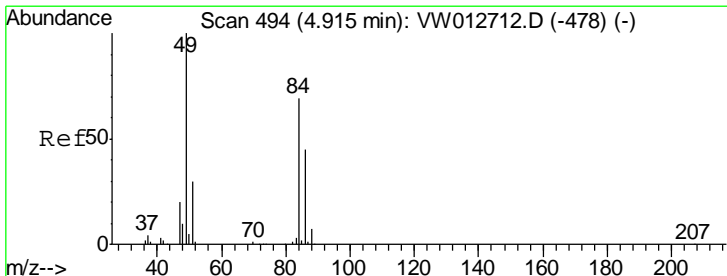
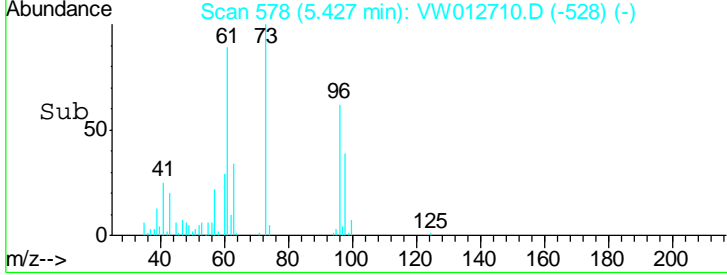
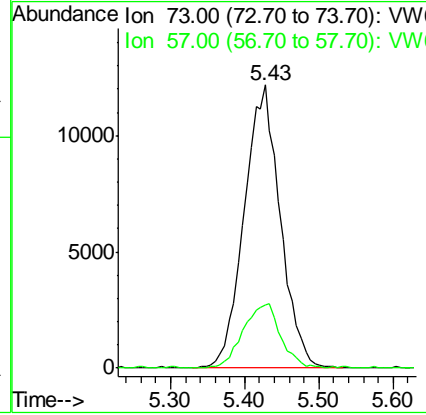
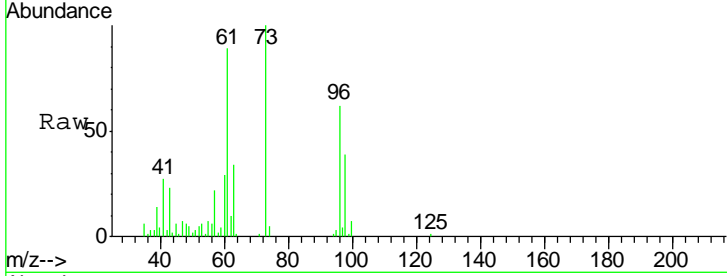


#19  
 Methyl tert-butyl Ether  
 Concen: 9.685 ug/l  
 RT: 5.43 min Scan# 578  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

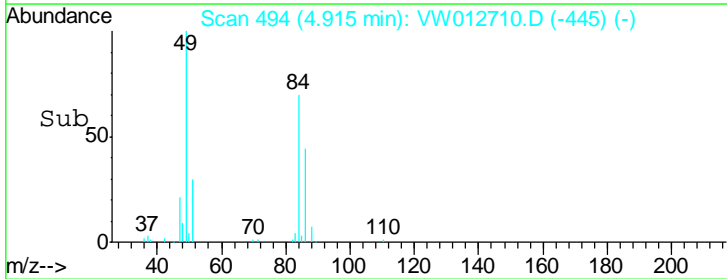
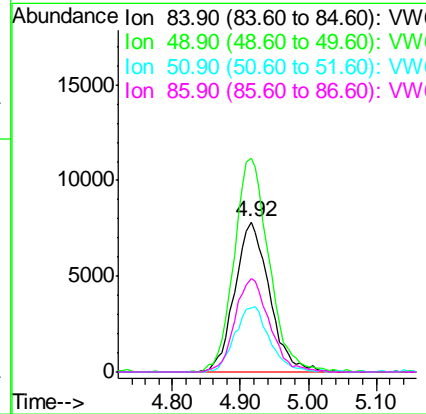
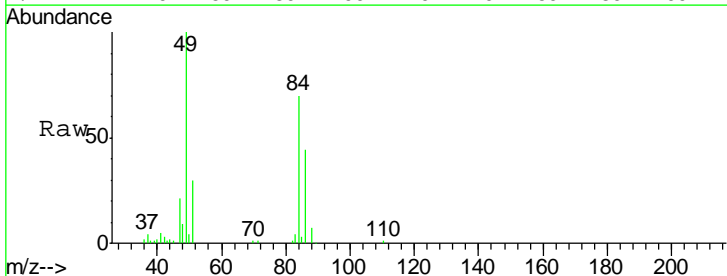
Tgt Ion	Resp	Lower	Upper
73	41372		
73	100		
57	22.5	19.2	28.8

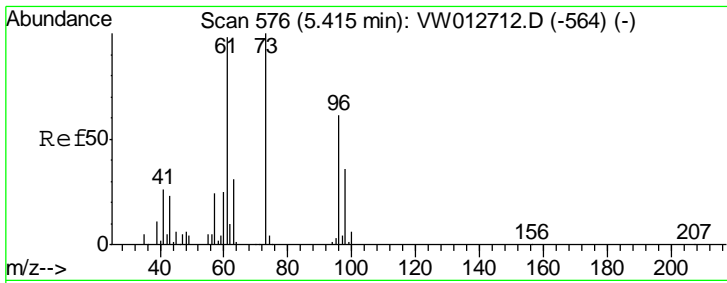
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/10/2019 1:01:01 PM



#20  
 Methylene Chloride  
 Concen: 11.103 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

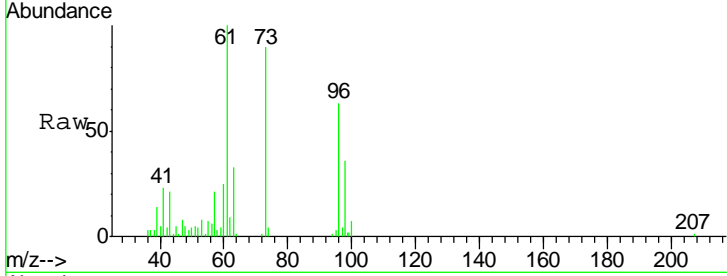
Tgt Ion	Resp	Lower	Upper
84	27596		
84	100		
49	142.5	115.4	173.0
51	42.4	34.9	52.3
86	62.2	52.2	78.4





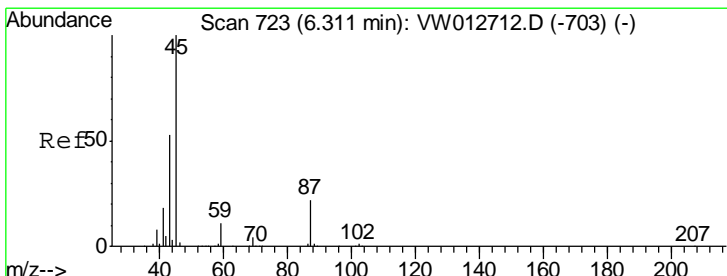
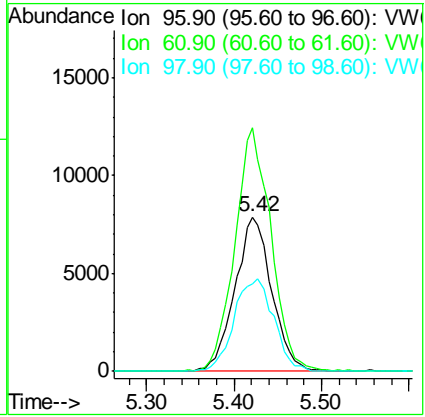
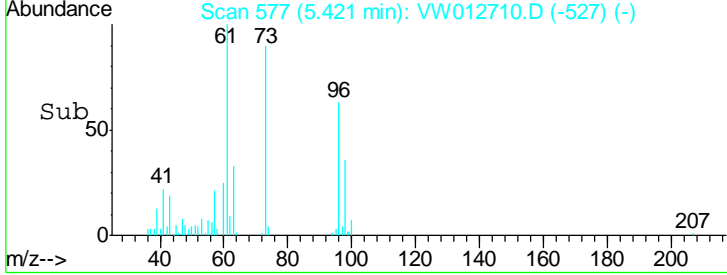
#21  
 trans-1,2-Dichloroethene  
 Concen: 10.491 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

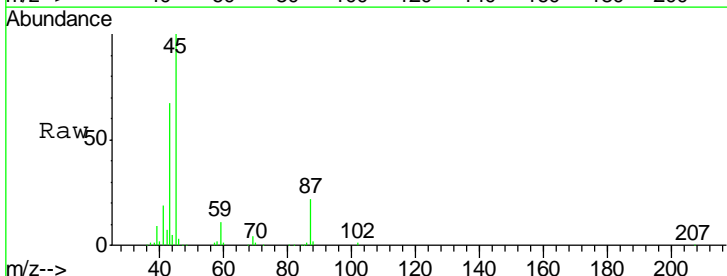


Tgt Ion	Resp	Lower	Upper
96	23056		
96	100		
61	156.7	129.2	193.8
98	56.9	48.0	72.0

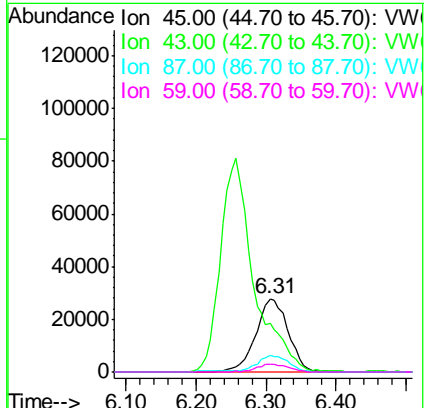
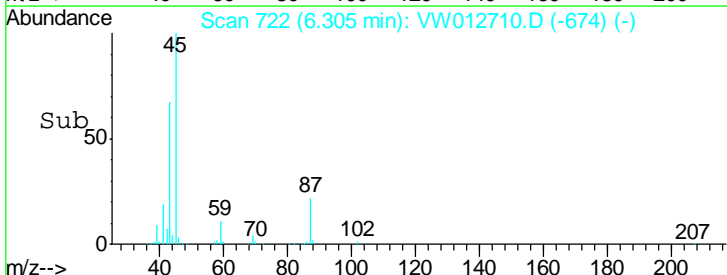
Manual Integrations  
**APPROVED**  
 MMDadoda  
 9/10/2019 1:01:01 PM

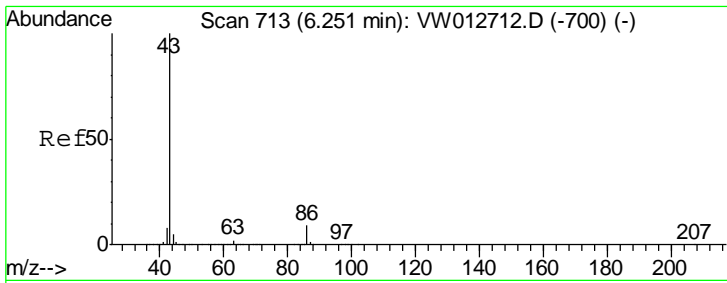


#22  
 Diisopropyl ether  
 Concen: 10.140 ug/l  
 RT: 6.31 min Scan# 722  
 Delta R.T. -0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12



Tgt Ion	Resp	Lower	Upper
45	89611		
45	100		
43	66.9	42.3	63.5#
87	22.3	18.2	27.2
59	10.6	8.5	12.7





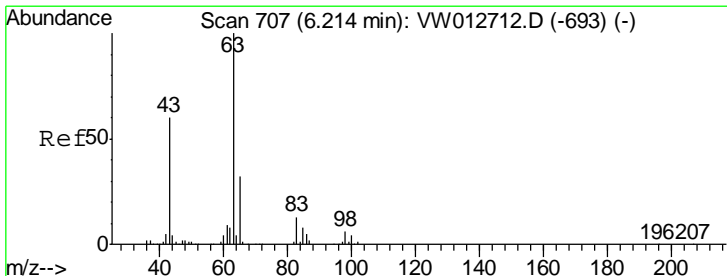
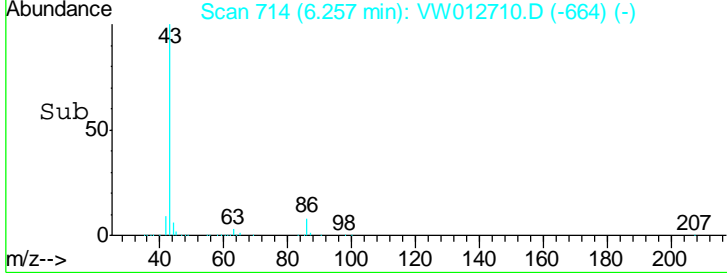
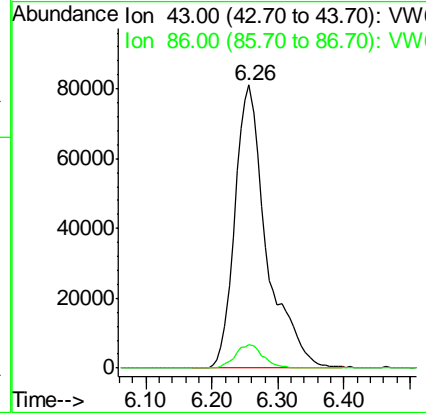
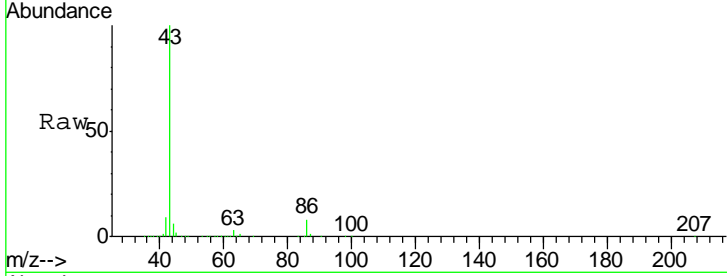
#23  
 Vinyl Acetate  
 Concen: 48.126 ug/l  
 RT: 6.26 min Scan# 714  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion: 43 Resp: 269533

Ion	Ratio	Lower	Upper
43	100		
86	8.2	7.0	10.6

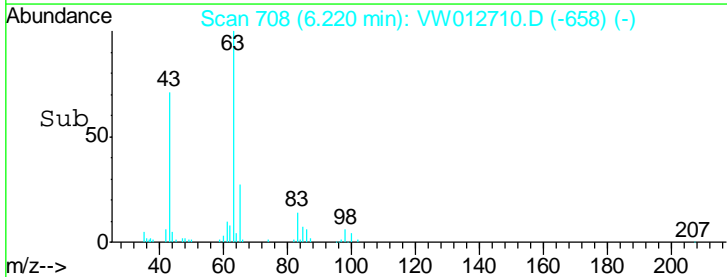
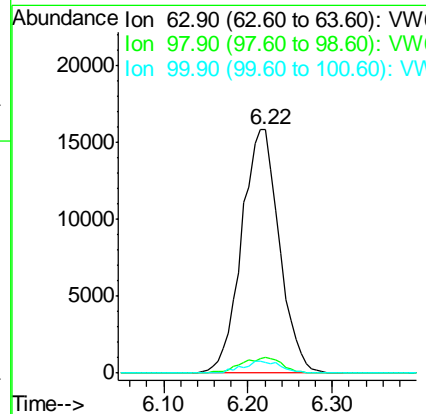
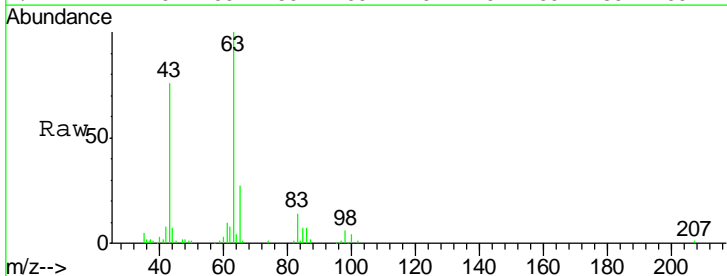
Manual Integrations APPROVED  
 MMDadoda  
 9/10/2019 1:01:01 PM



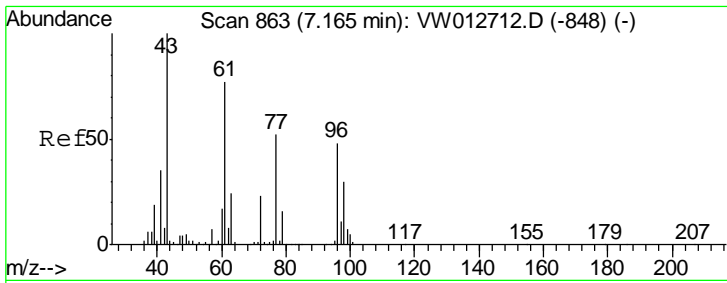
#24  
 1,1-Dichloroethane  
 Concen: 10.074 ug/l  
 RT: 6.22 min Scan# 708  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion: 63 Resp: 47936

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.1	9.3
100	4.1	1.8	5.5





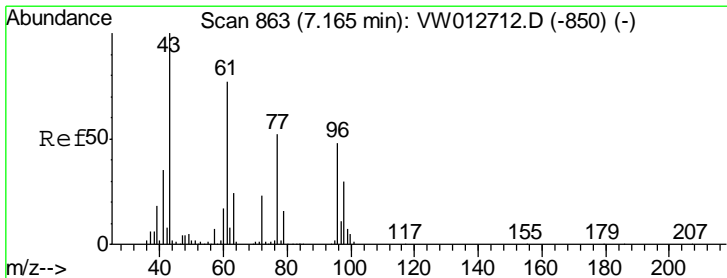
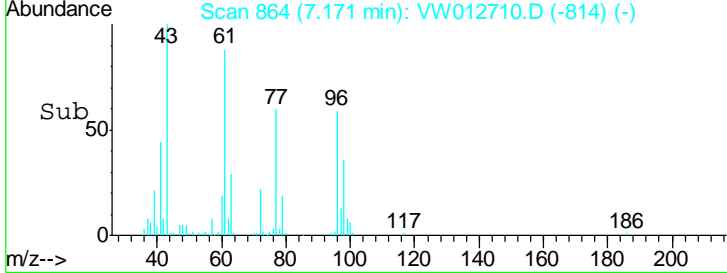
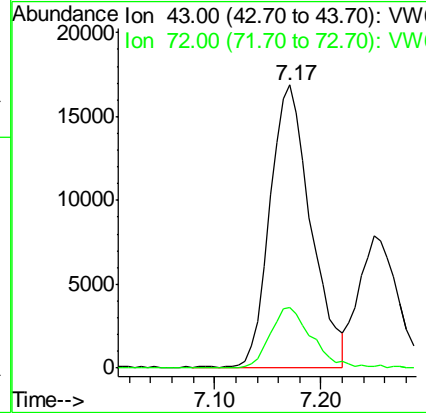
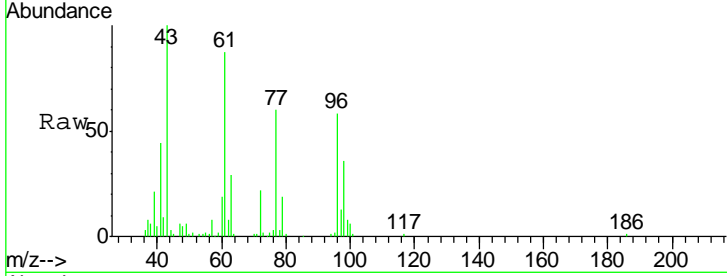


#25  
 2-Butanone  
 Concen: 43.157 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

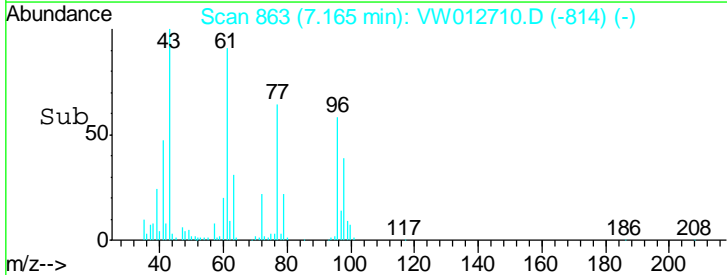
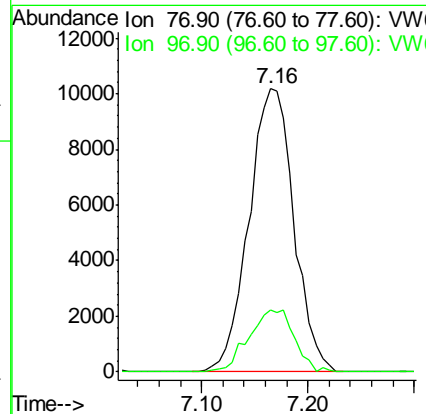
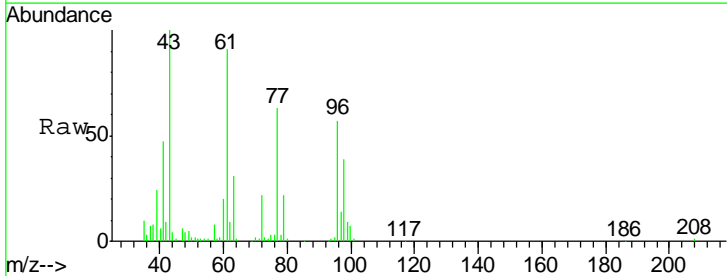
Tgt Ion: 43 Resp: 45258  
 Ion Ratio Lower Upper  
 43 100  
 72 21.6 18.0 27.0

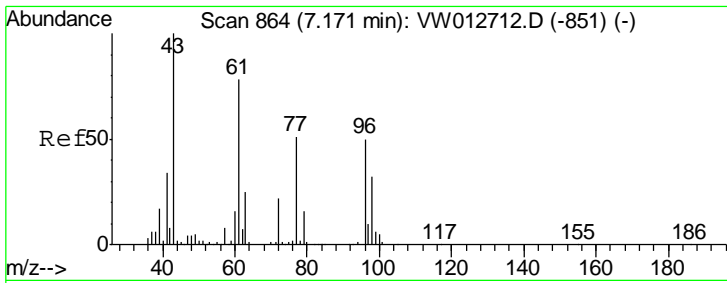
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/10/2019 1:01:01 PM



#26  
 2,2-Dichloropropane  
 Concen: 10.006 ug/l  
 RT: 7.16 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

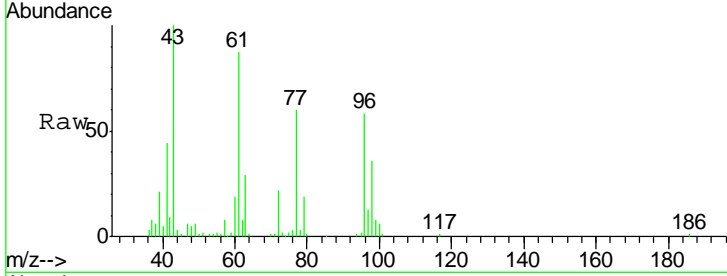
Tgt Ion: 77 Resp: 30071  
 Ion Ratio Lower Upper  
 77 100  
 97 22.4 10.7 32.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 9.901 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

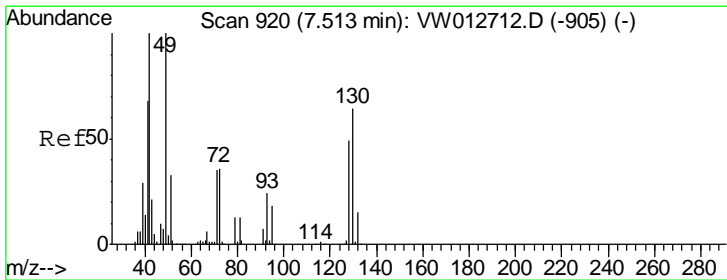
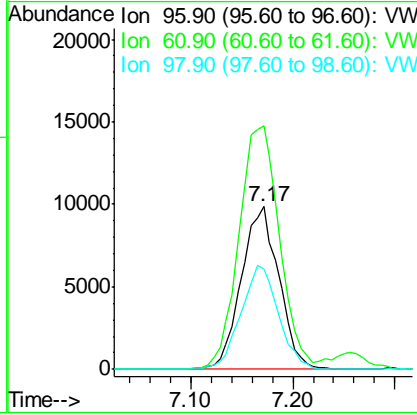
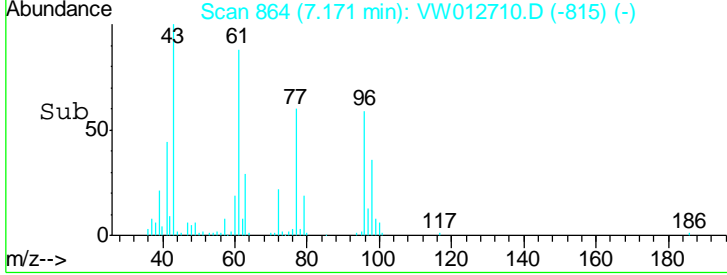
Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010



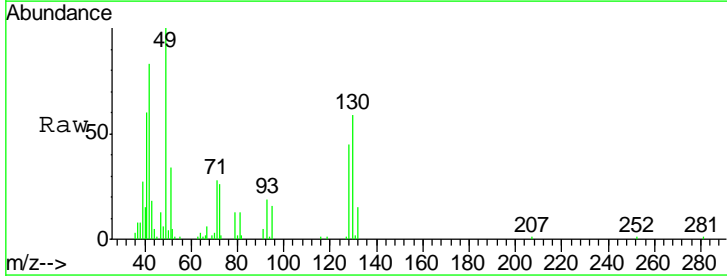
Tgt Ion: 96 Resp: 25230

Ion	Ratio	Lower	Upper
96	100		
61	161.3	0.0	325.8
98	63.8	0.0	127.0

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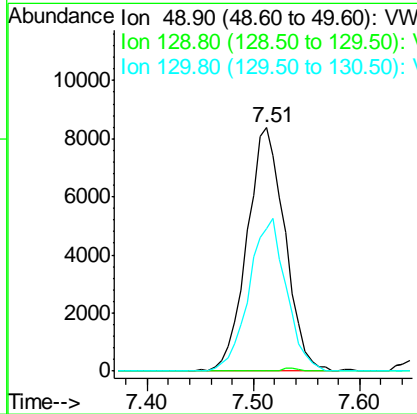
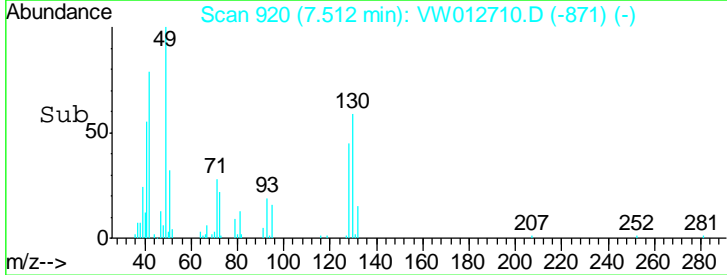


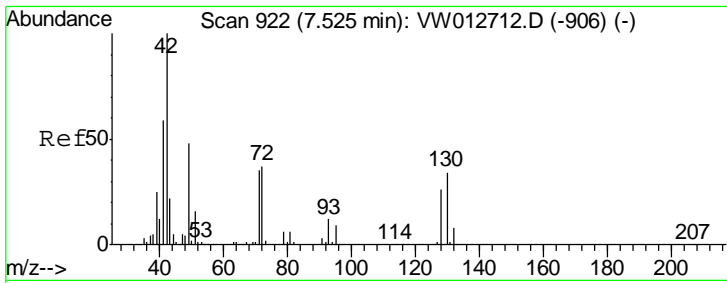
#28  
 Bromochloromethane  
 Concen: 9.552 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12



Tgt Ion: 49 Resp: 20870

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	0.8
130	61.6	49.8	74.8





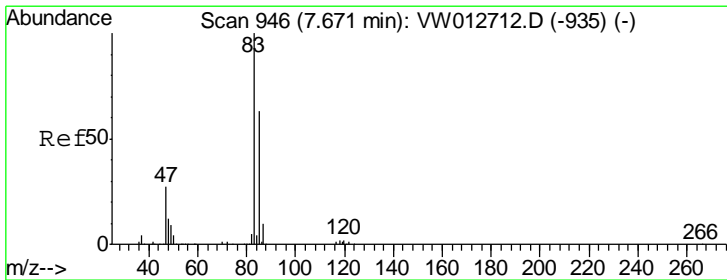
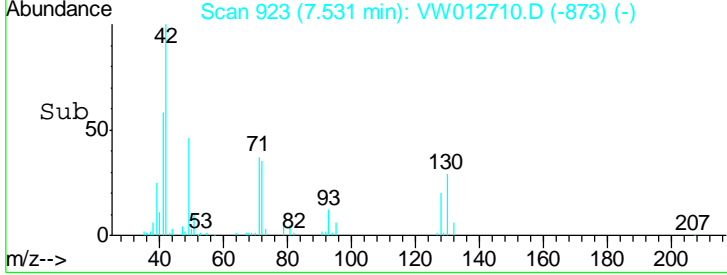
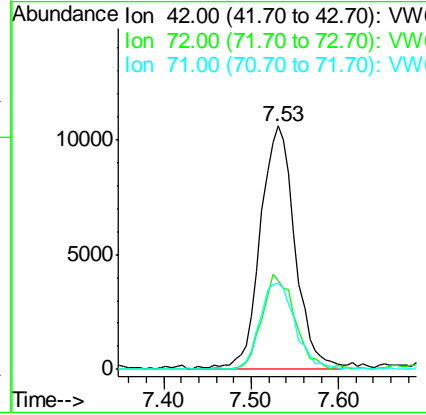
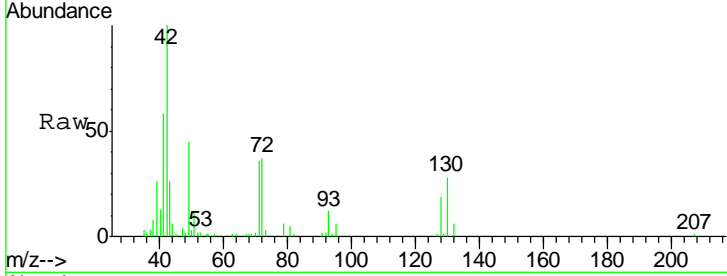
#29  
 Tetrahydrofuran  
 Concen: 45.825 ug/l  
 RT: 7.53 min Scan# 923  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
42	100		
72	36.7	28.4	42.6
71	35.8	27.1	40.7

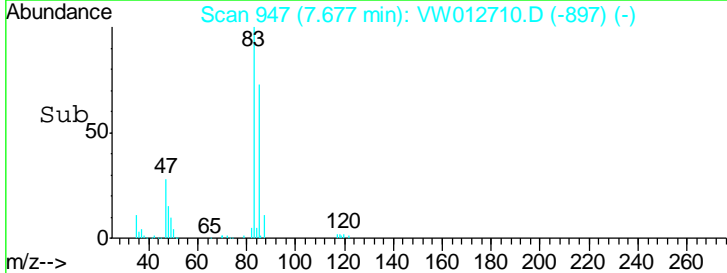
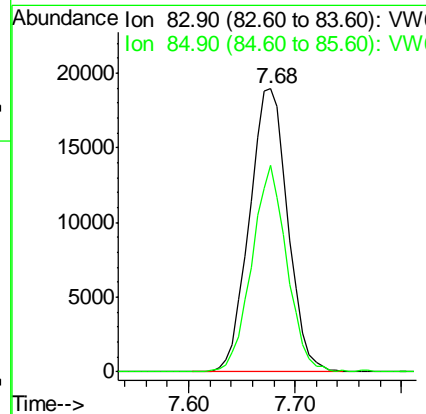
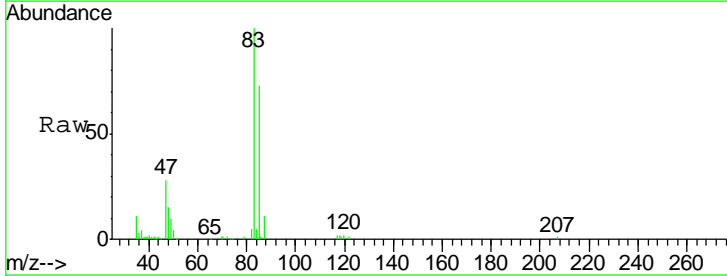
Manual Integrations  
 APPROVED

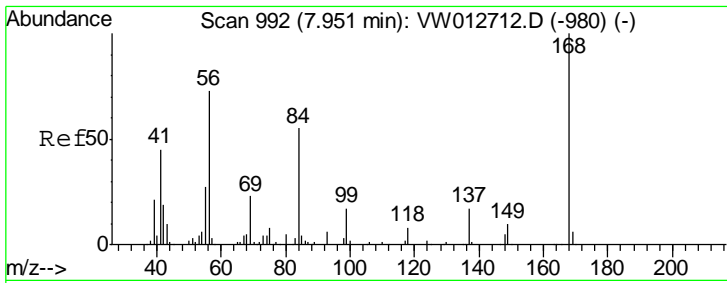
MMDadoda  
 9/10/2019 1:01:01 PM



#30  
 Chloroform  
 Concen: 10.160 ug/l  
 RT: 7.68 min Scan# 947  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
83	100		
85	72.9	50.6	76.0





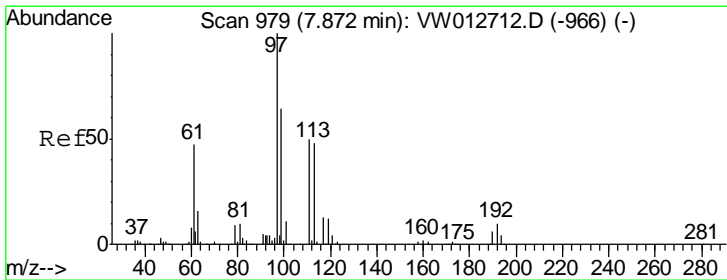
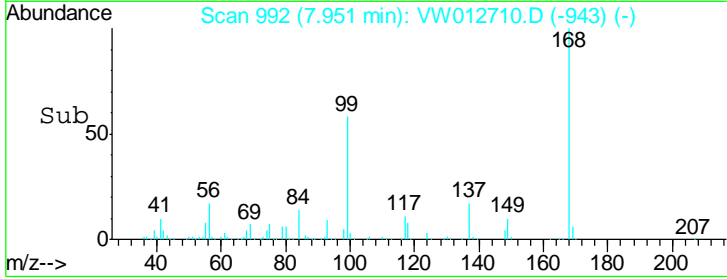
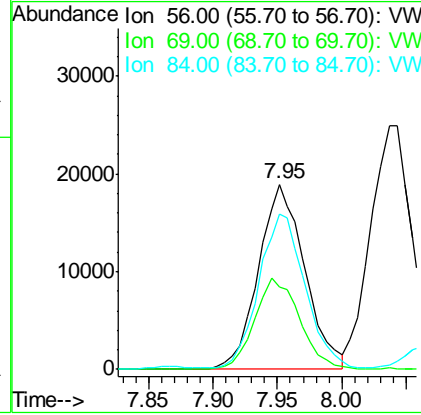
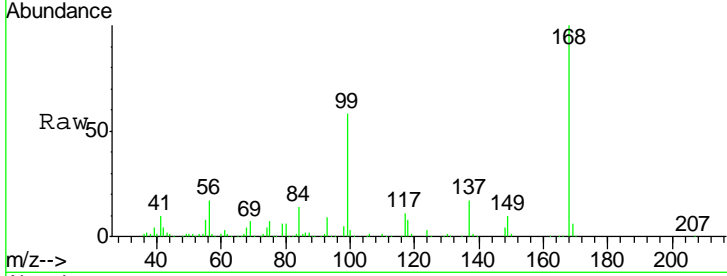
#31  
 Cyclohexane  
 Concen: 10.990 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC010

Tgt Ion	Resp	Lower	Upper
56	100		
69	44.3	25.7	38.5#
84	82.9	60.4	90.6

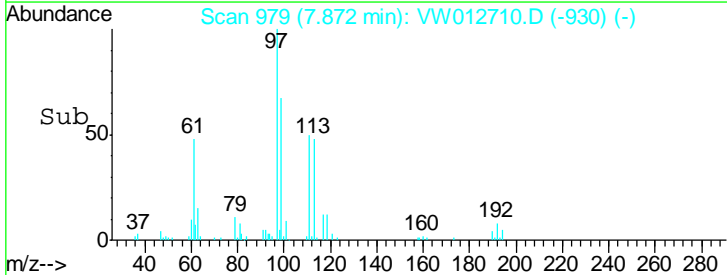
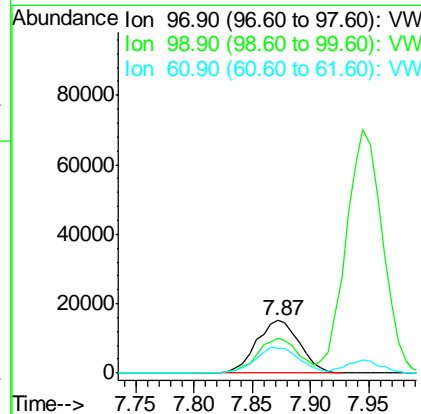
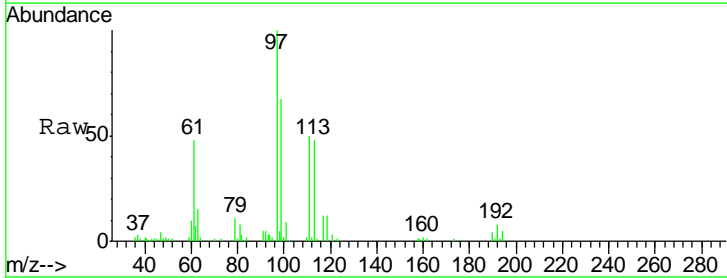
Manual Integrations  
 APPROVED

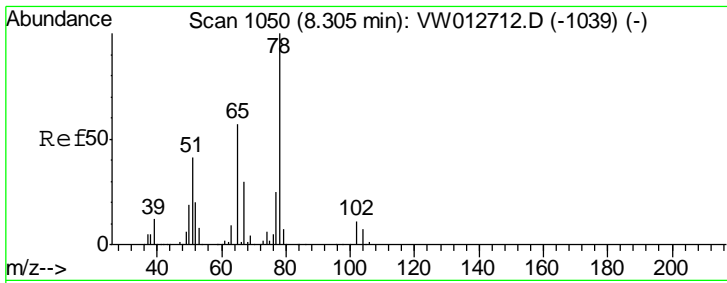
MMDadoda  
 9/10/2019 1:01:01 PM



#32  
 1,1,1-Trichloroethane  
 Concen: 10.198 ug/l  
 RT: 7.87 min Scan# 979  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
97	100		
99	63.4	51.5	77.3
61	49.7	37.9	56.9





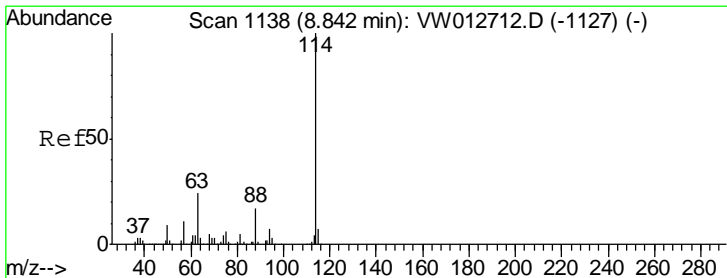
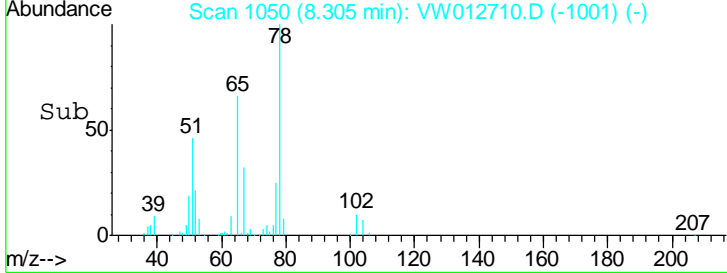
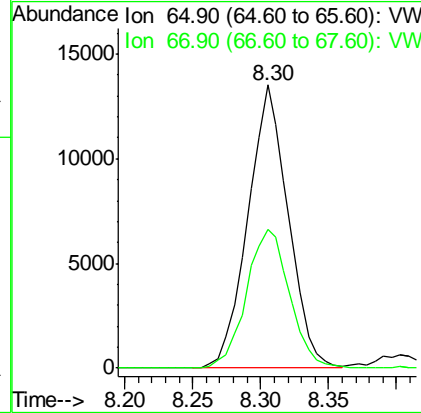
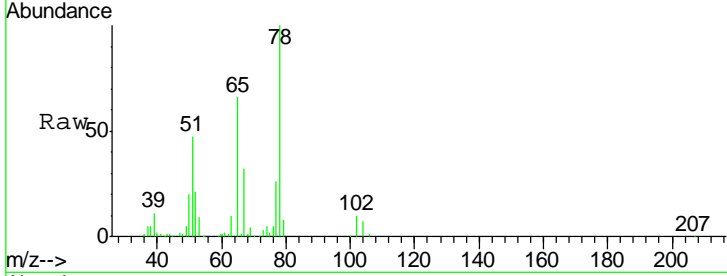
#33  
 1,2-Dichloroethane-d4  
 Concen: 9.613 ug/l  
 RT: 8.30 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

Tgt Ion	Resp	Lower	Upper
65	28015		
65	100		
67	52.5	0.0	101.8

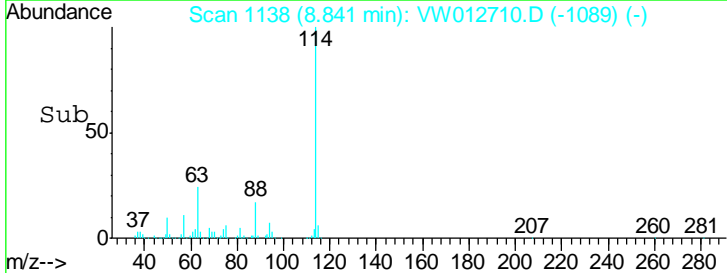
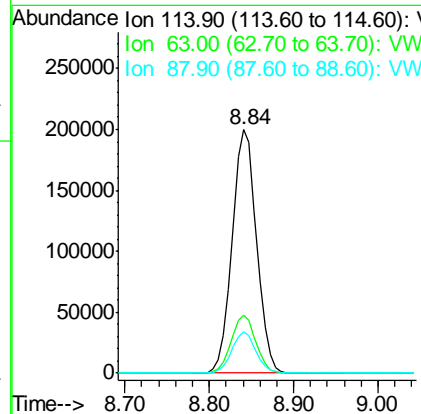
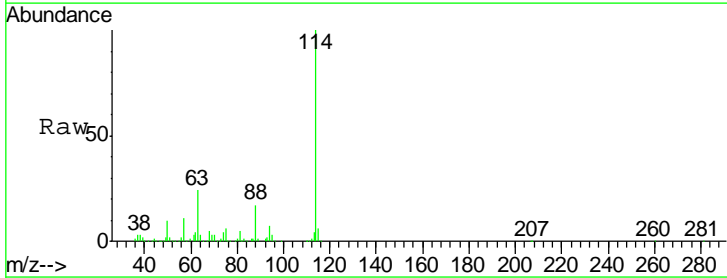
**Manual Integrations**  
**APPROVED**

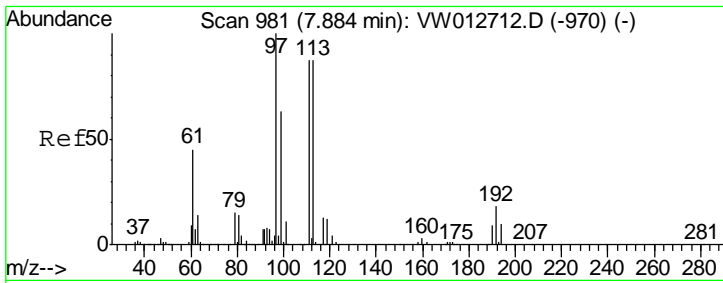
MMDadoda  
 9/10/2019 1:01:01 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

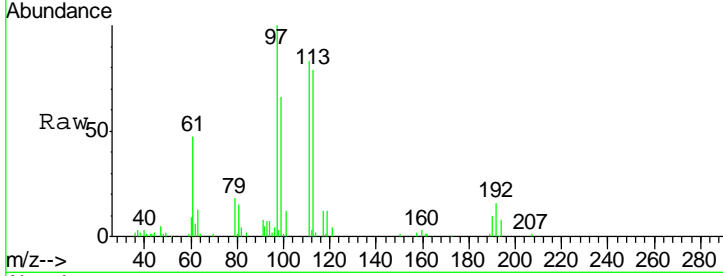
Tgt Ion	Resp	Lower	Upper
114	393445		
114	100		
63	24.0	0.0	47.2
88	17.2	0.0	34.0





#35  
 Dibromofluoromethane  
 Concen: 9.698 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

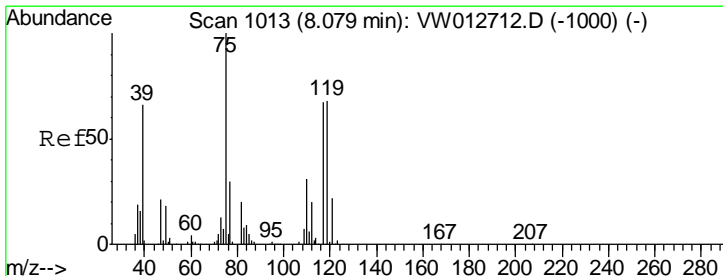
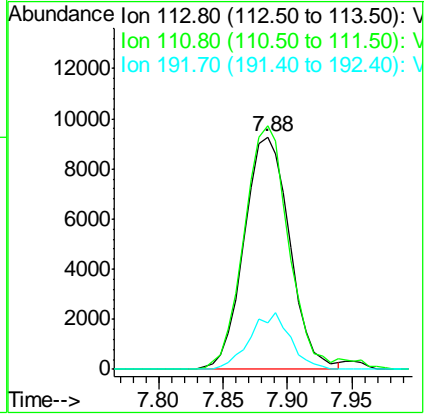
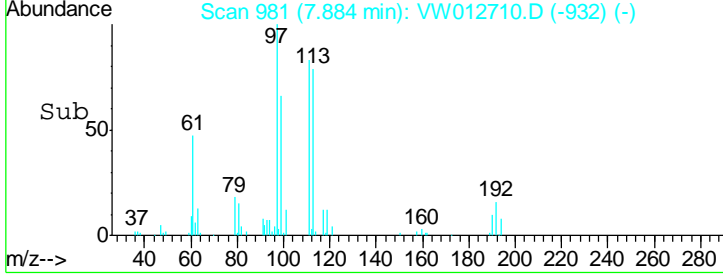
**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VSTDIC010



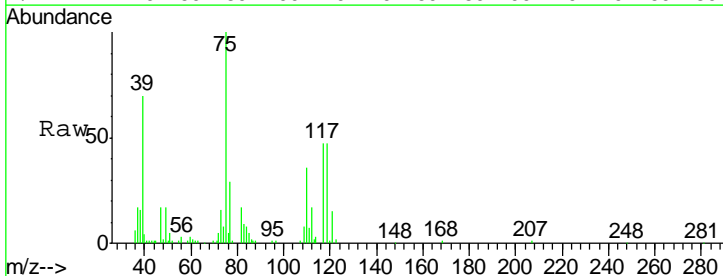
Tgt Ion: 113 Resp: 22684

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.2	120.4
192	21.5	17.3	25.9

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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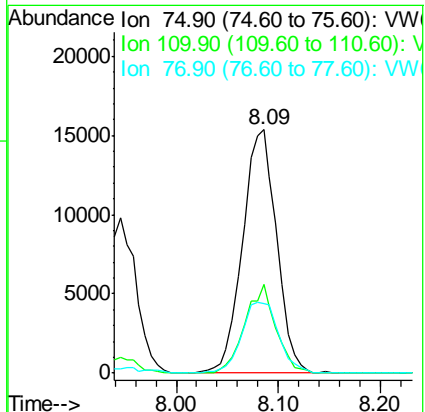
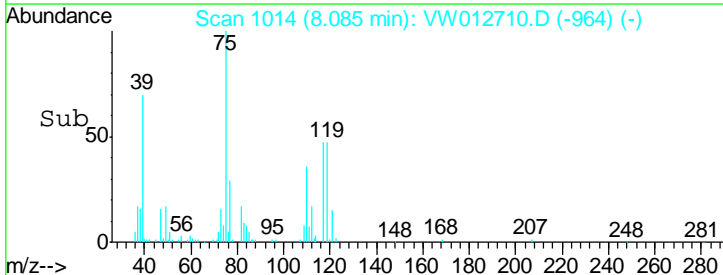


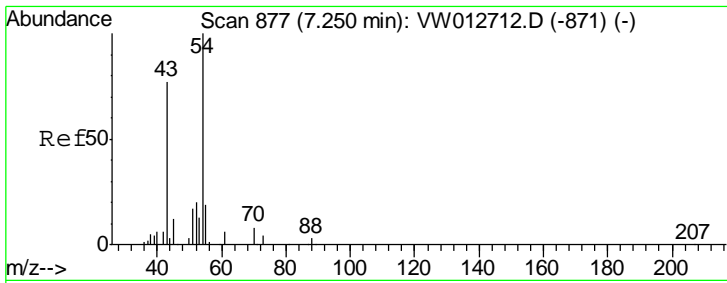
#36  
 1,1-Dichloropropene  
 Concen: 10.202 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12



Tgt Ion: 75 Resp: 35666

Ion	Ratio	Lower	Upper
75	100		
110	33.1	15.9	47.7
77	31.8	25.0	37.4



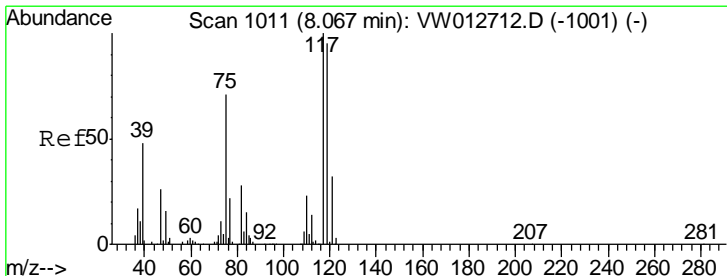
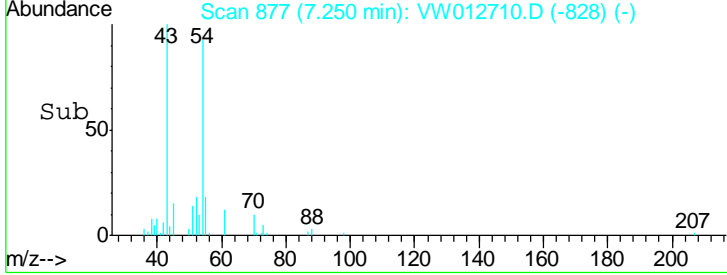
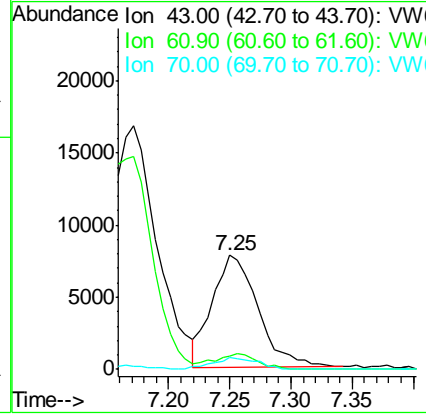
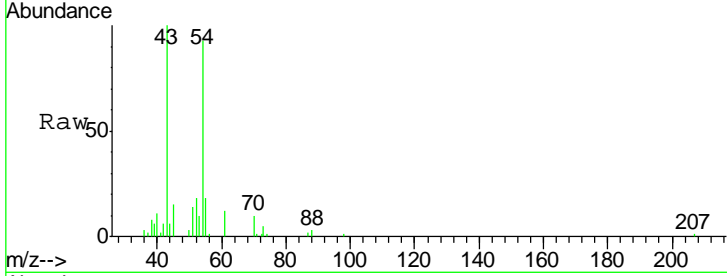


#37  
 Ethyl Acetate  
 Concen: 9.184 ug/l  
 RT: 7.25 min Scan# 877  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
43	100		
61	12.2	9.5	14.3
70	10.1	7.0	10.6

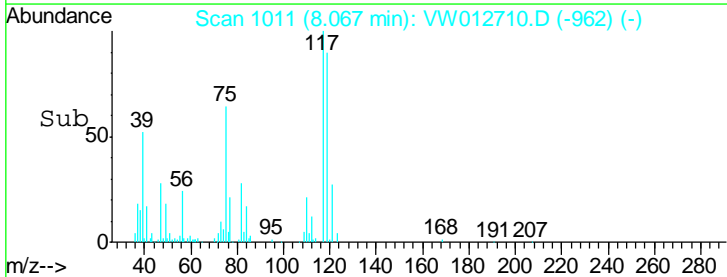
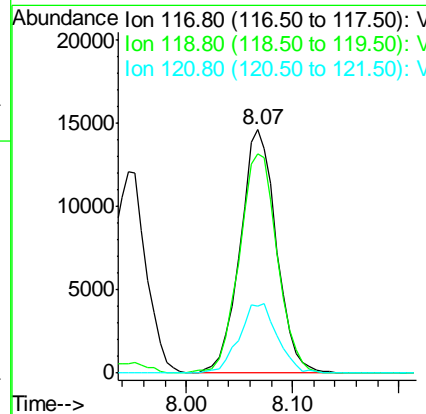
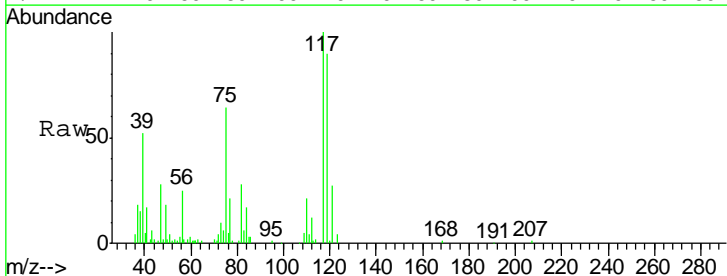
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

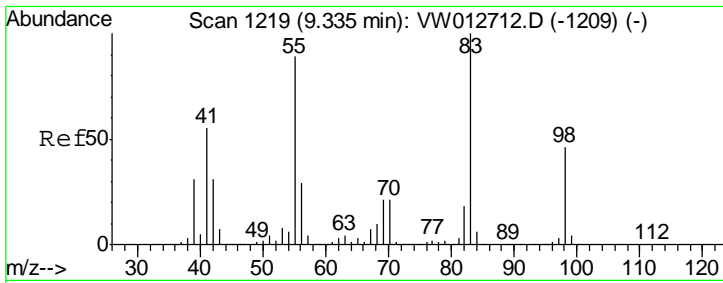
**Manual Integrations**  
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#38  
 Carbon Tetrachloride  
 Concen: 10.105 ug/l  
 RT: 8.07 min Scan# 1011  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
117	100		
119	90.1	76.2	114.2
121	27.3	25.4	38.2





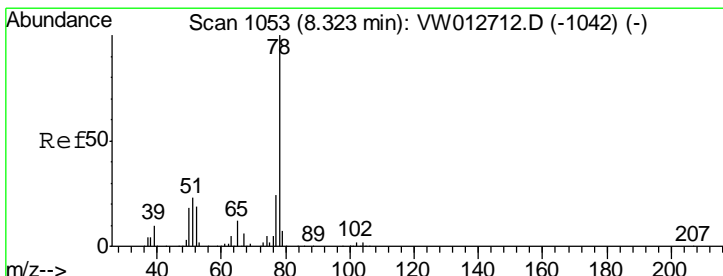
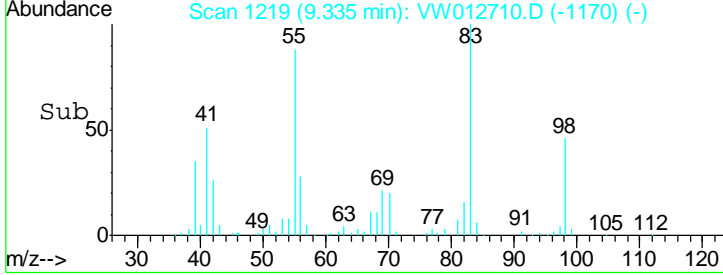
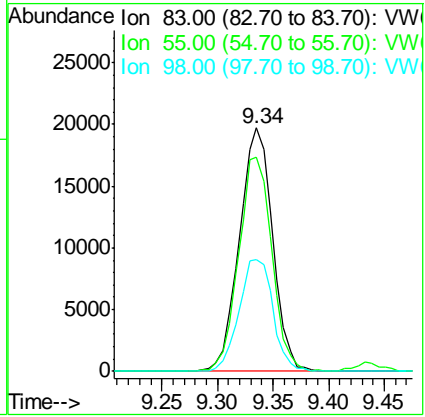
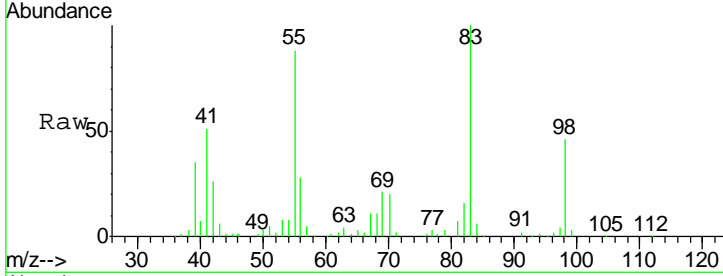
#39  
 Methylcyclohexane  
 Concen: 10.389 ug/l  
 RT: 9.34 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

Tgt Ion: 83 Resp: 40791

Ion	Ratio	Lower	Upper
83	100		
55	87.8	71.0	106.4
98	46.2	36.9	55.3

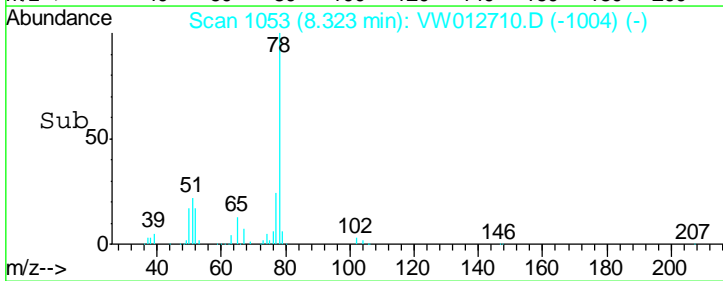
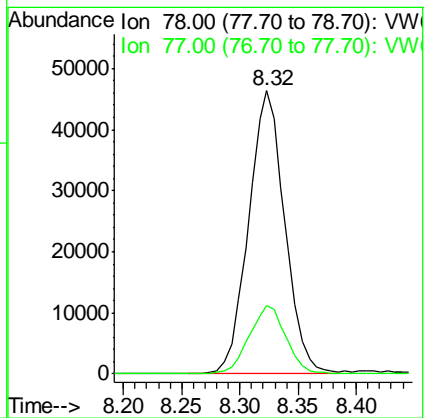
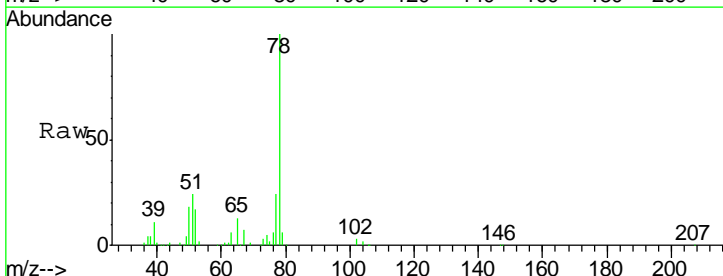
**Manual Integrations**  
**APPROVED**  
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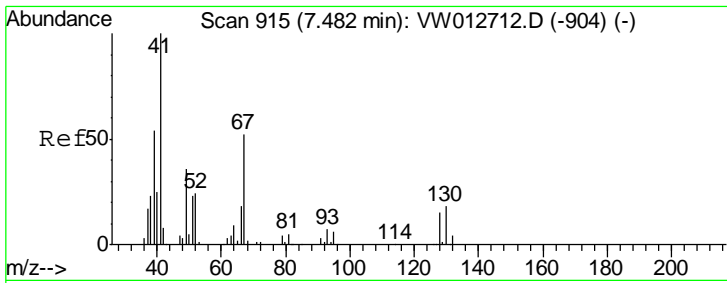
#40  
 Benzene  
 Concen: 10.343 ug/l  
 RT: 8.32 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion: 78 Resp: 100319

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9

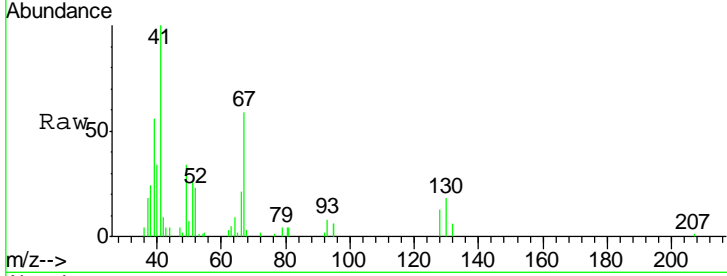






#41  
 Methacrylonitrile  
 Concen: 7.594 ug/l  
 RT: 7.48 min Scan# 915  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

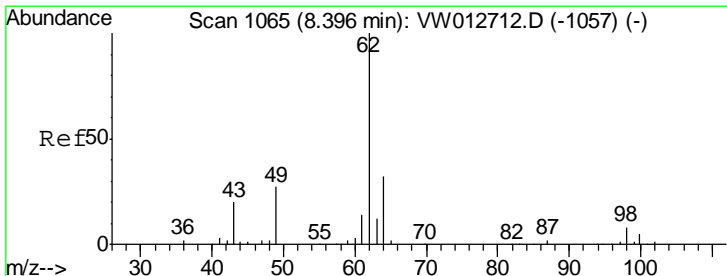
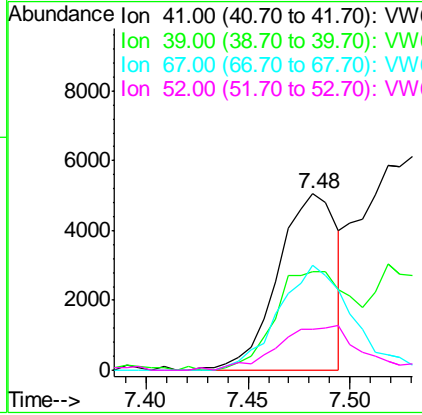
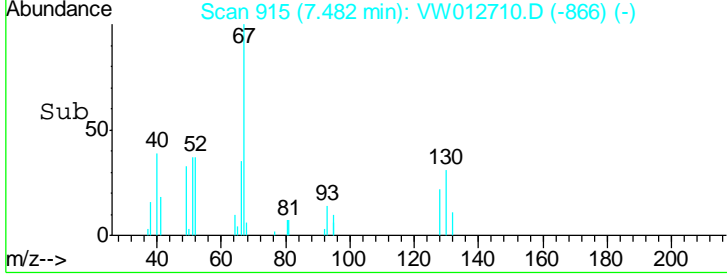
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010



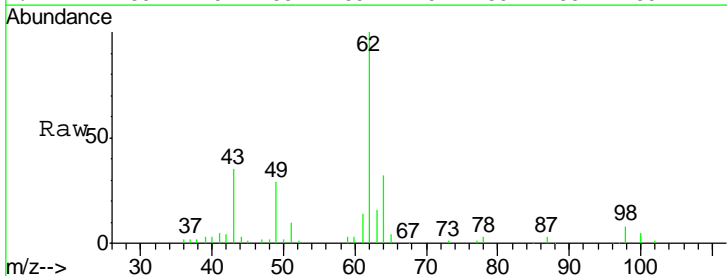
Tgt Ion: 41 Resp: 10204

Ion	Ratio	Lower	Upper
41	100		
39	73.2	47.5	71.3#
67	75.5	45.1	67.7#
52	35.0	20.2	30.2#

**Manual Integrations**  
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 MMDadoda  
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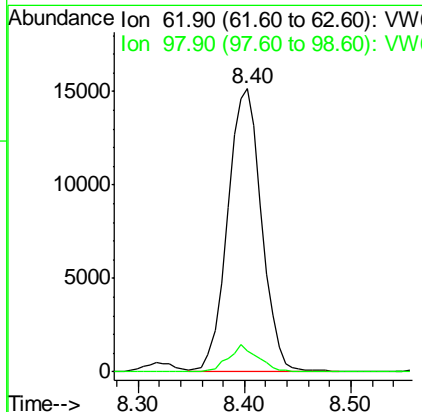
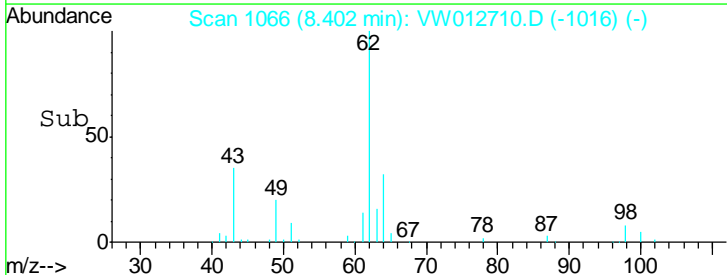


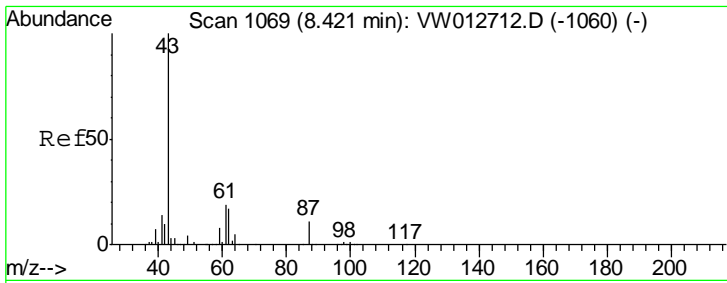
#42  
 1,2-Dichloroethane  
 Concen: 9.902 ug/l  
 RT: 8.40 min Scan# 1066  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12



Tgt Ion: 62 Resp: 33800

Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.2





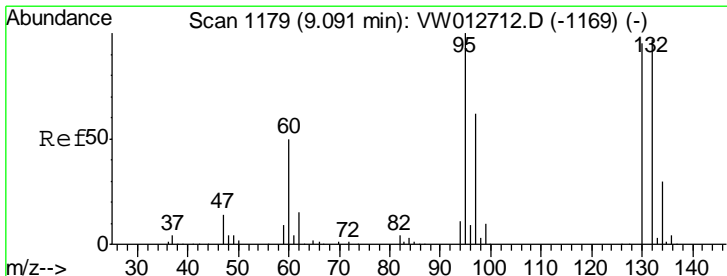
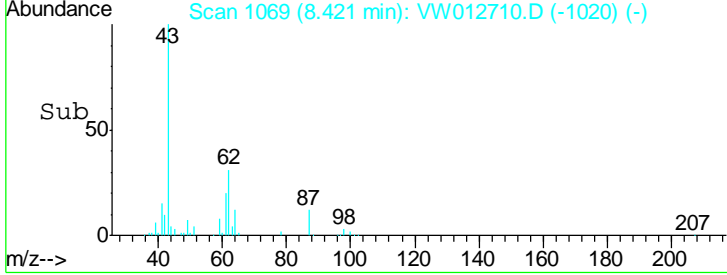
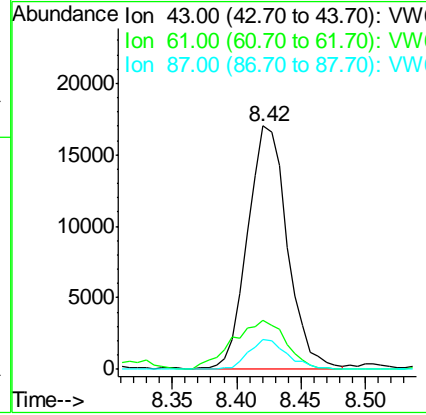
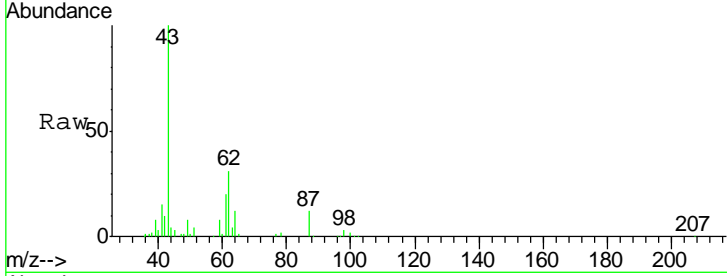
#43  
 Isopropyl Acetate  
 Concen: 8.630 ug/l  
 RT: 8.42 min Scan# 1069  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
43	100		
61	27.6	20.6	30.8
87	11.9	8.6	13.0

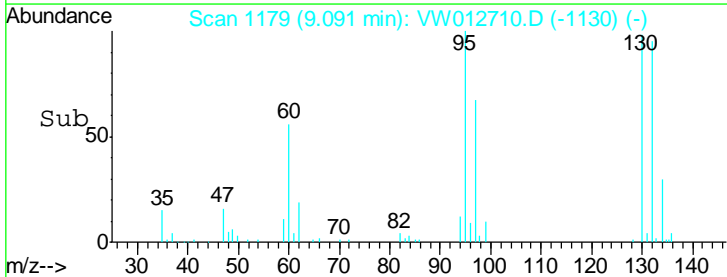
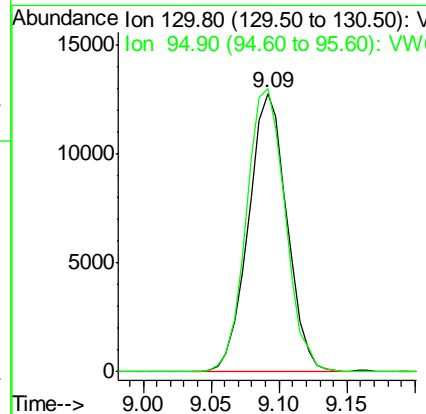
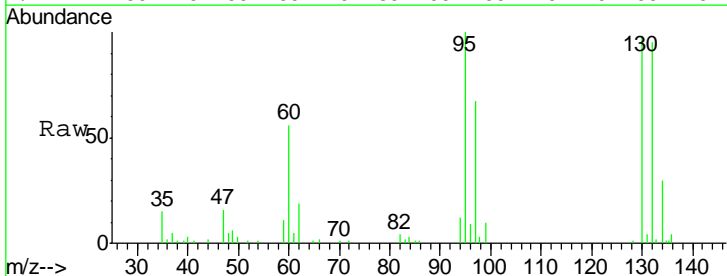
Manual Integrations  
 APPROVED

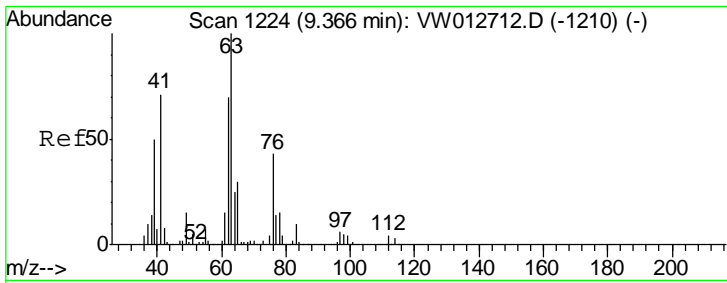
MMDadoda  
 9/10/2019 1:01:01 PM



#44  
 Trichloroethene  
 Concen: 10.119 ug/l  
 RT: 9.09 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
130	100		
95	101.6	0.0	210.6



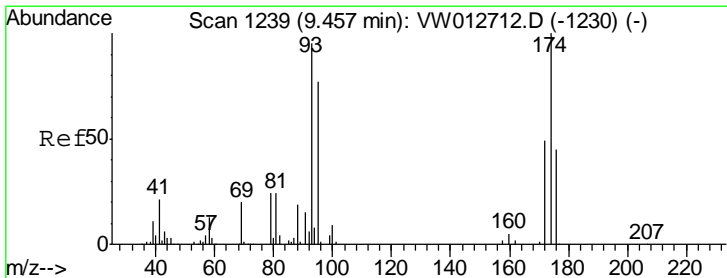
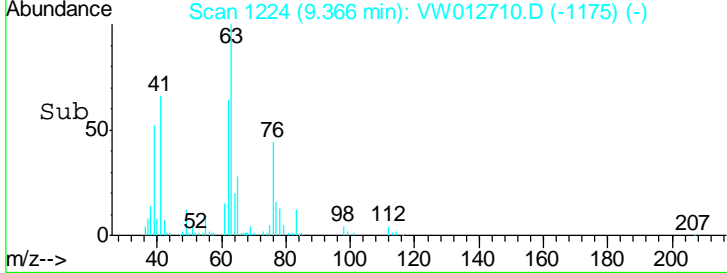
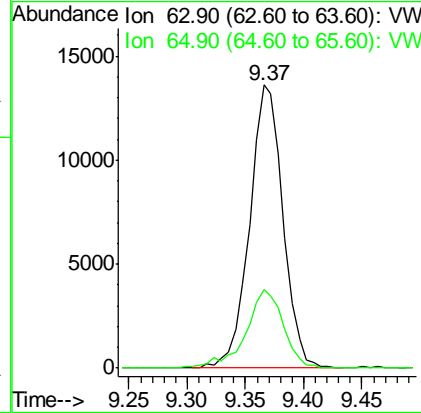
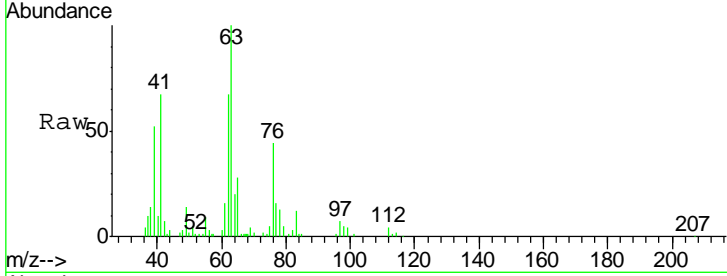


#45  
 1,2-Dichloropropane  
 Concen: 10.056 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

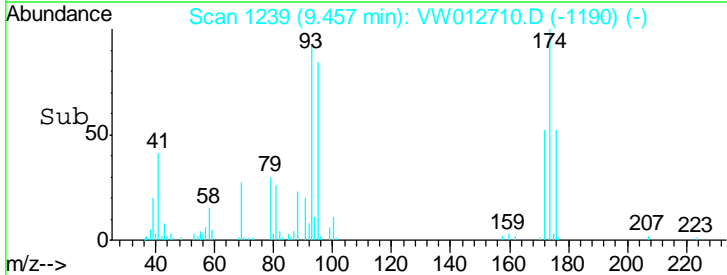
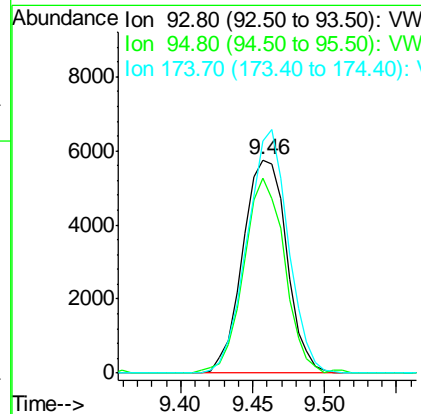
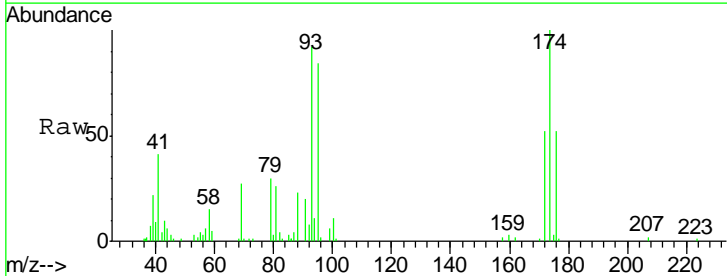
Tgt Ion	Resp	Lower	Upper
63	27051		
63	100		
65	27.6	23.8	35.8

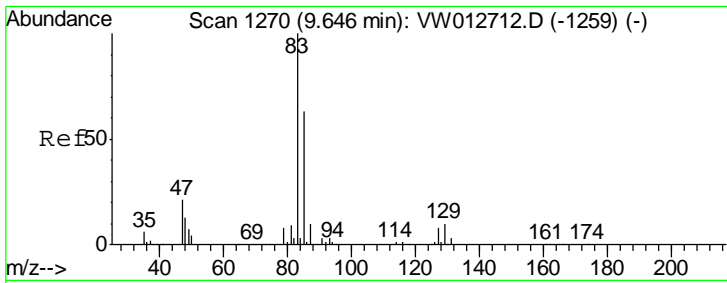
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/10/2019 1:01:01 PM



#46  
 Dibromomethane  
 Concen: 9.528 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

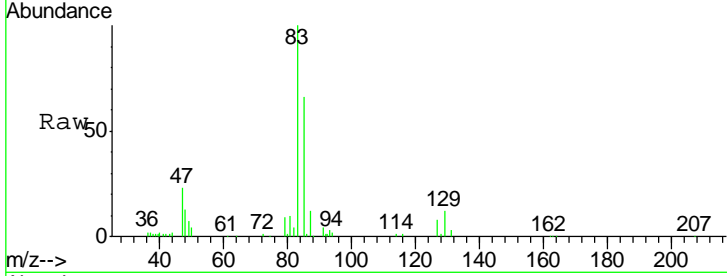
Tgt Ion	Resp	Lower	Upper
93	12137		
93	100		
95	85.2	65.2	97.8
174	107.1	84.2	126.4





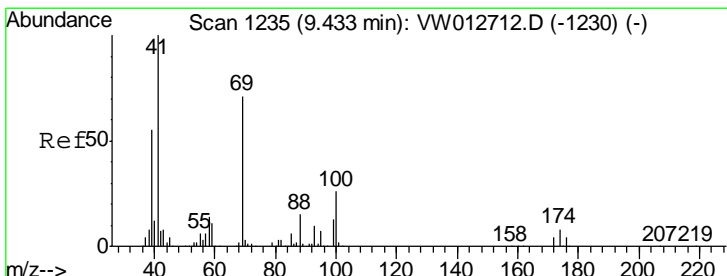
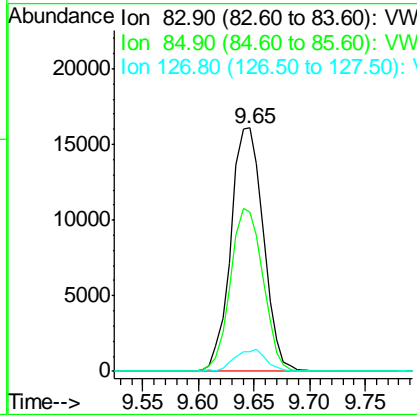
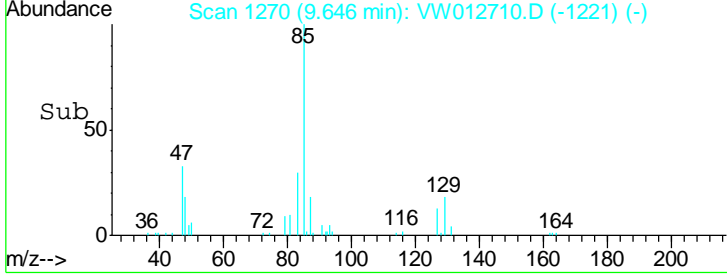
#47  
 Bromodichloromethane  
 Concen: 9.303 ug/l  
 RT: 9.65 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

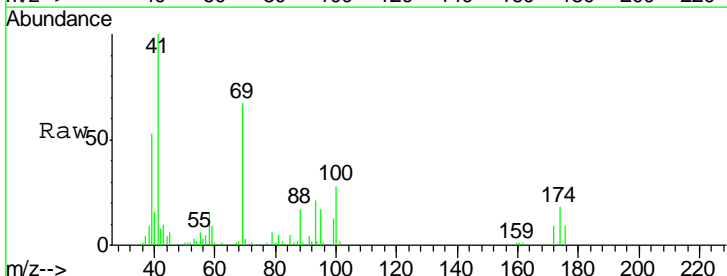


Tgt Ion	Resp	Lower	Upper
83	100		
85	65.6	50.2	75.2
127	8.3	6.6	9.8

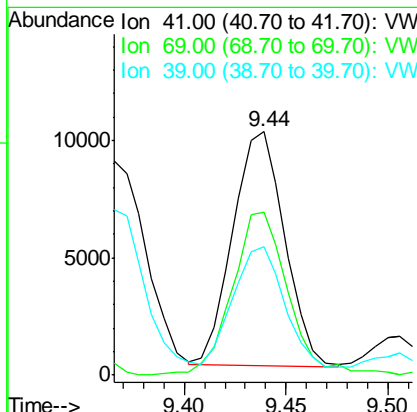
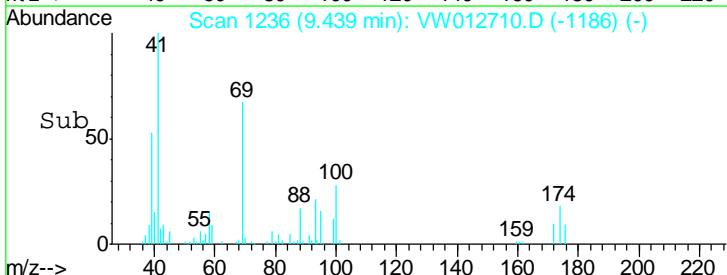
Manual Integrations  
**APPROVED**  
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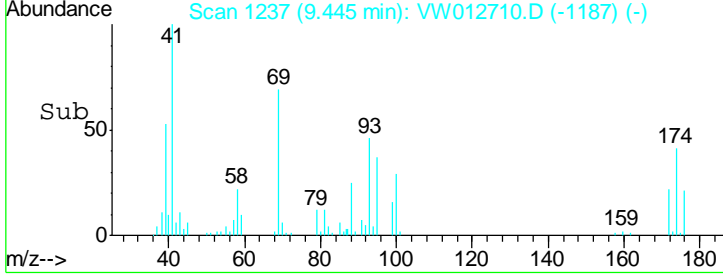
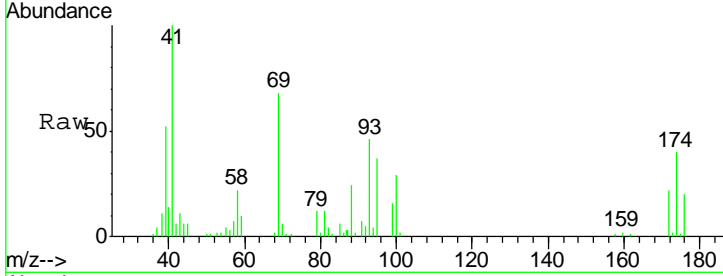
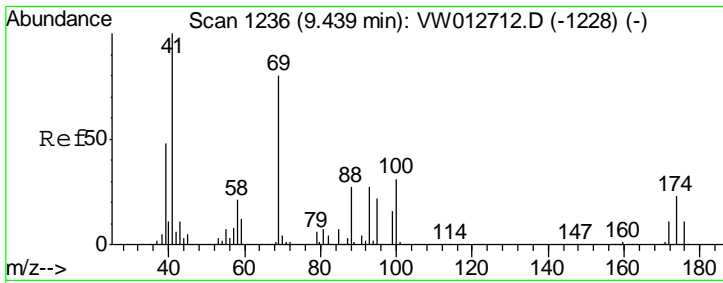


#48  
 Methyl methacrylate  
 Concen: 8.731 ug/l  
 RT: 9.44 min Scan# 1236  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12



Tgt Ion	Resp	Lower	Upper
41	100		
69	74.8	59.8	89.8
39	50.9	47.0	70.6



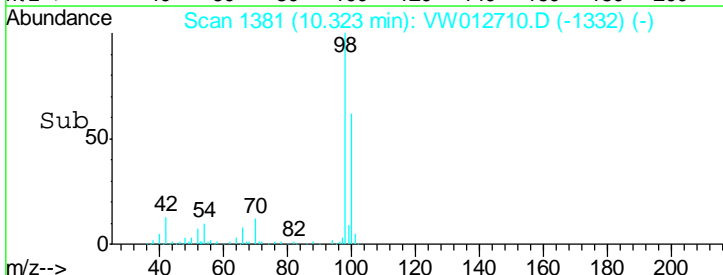
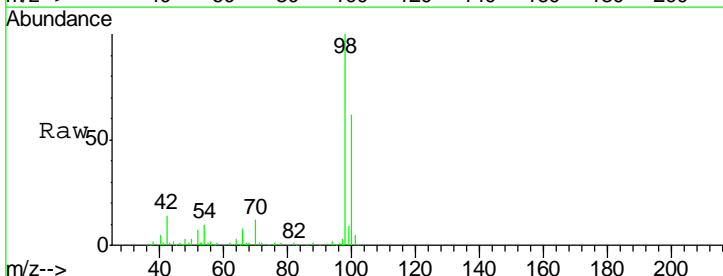
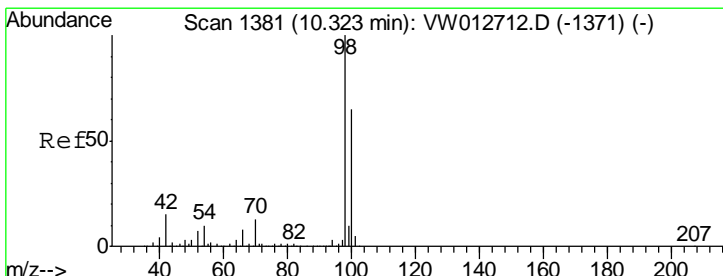
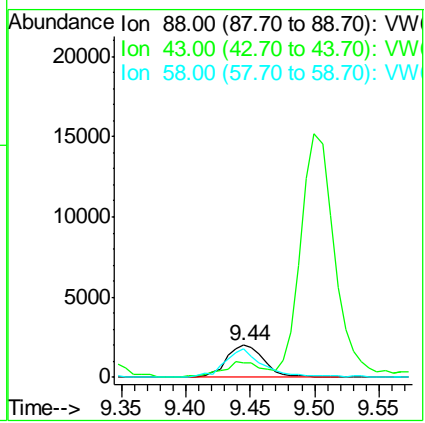


#49  
 1,4-Dioxane  
 Concen: 164.290 ug/l  
 RT: 9.44 min Scan# 1237  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
88	4134		
88	100		
43	52.8	34.8	52.2#
58	91.2	64.1	96.1

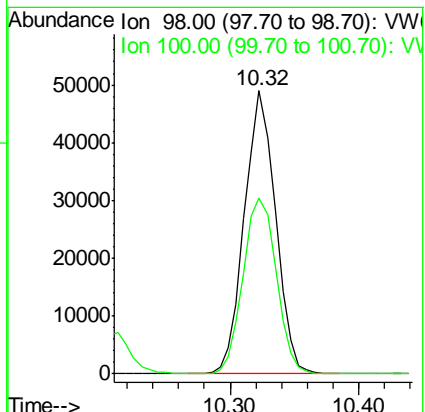
Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

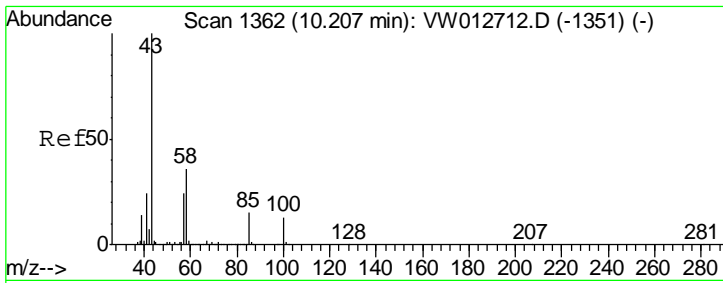
Manual Integrations  
**APPROVED**  
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 9/10/2019 1:01:01 PM



#50  
 Toluene-d8  
 Concen: 8.966 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
98	82164		
98	100		
100	66.4	52.2	78.4



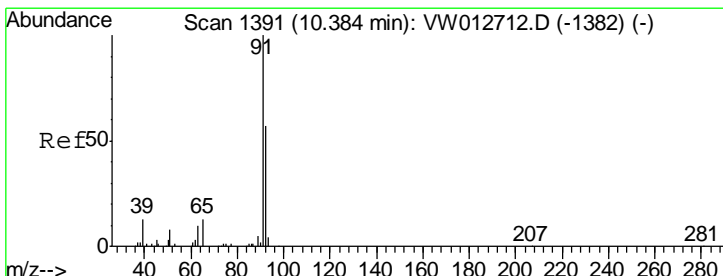
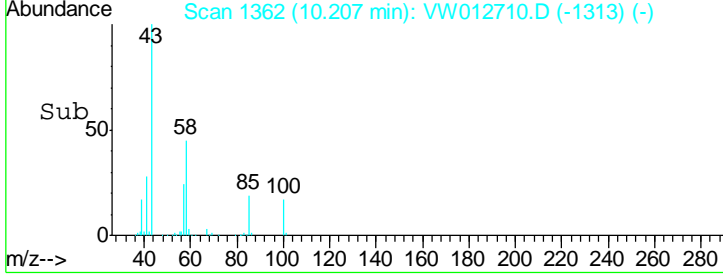
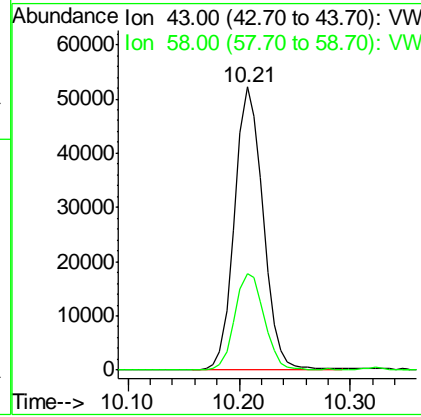
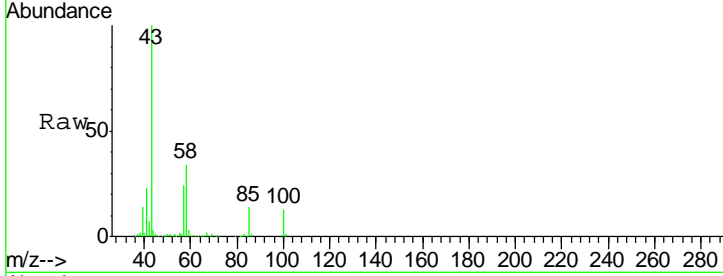


#51  
 4-Methyl-2-Pentanone  
 Concen: 42.090 ug/l  
 RT: 10.21 min Scan# 1362  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

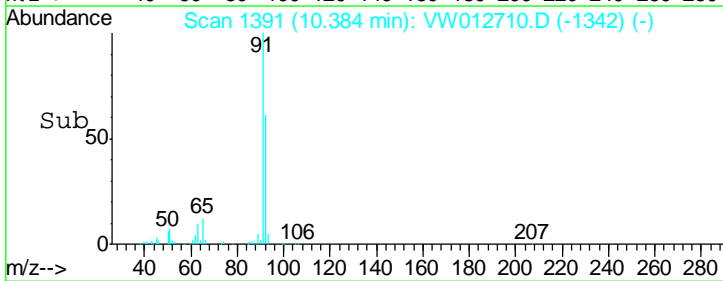
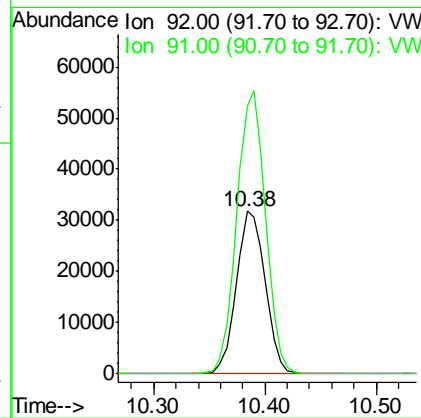
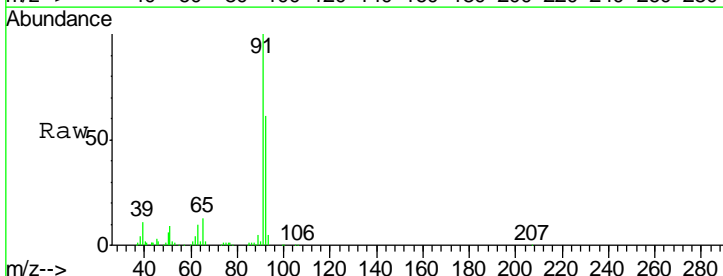
Tgt Ion	Resp	Lower	Upper
43	100		
58	35.4	28.4	42.6

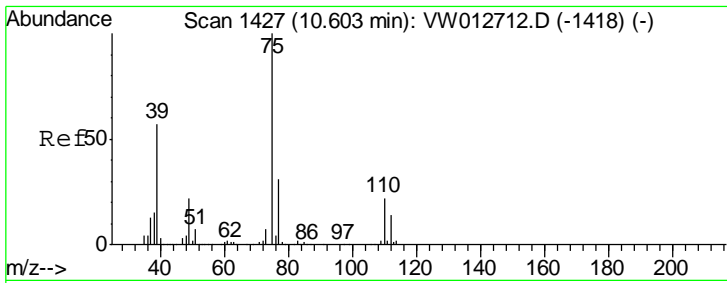
Manual Integrations  
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#52  
 Toluene  
 Concen: 9.401 ug/l  
 RT: 10.38 min Scan# 1391  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
92	100		
91	173.6	137.0	205.4



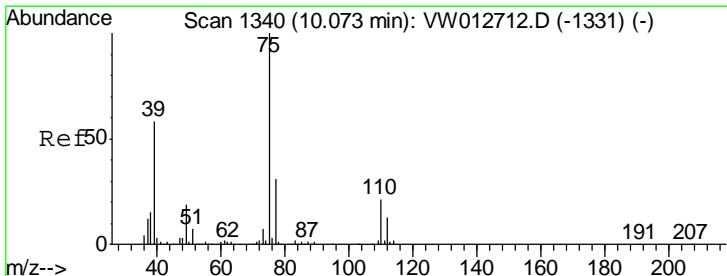
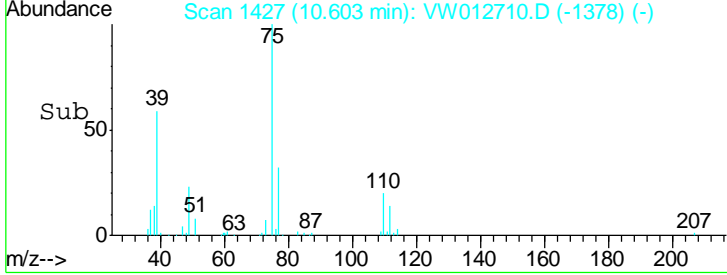
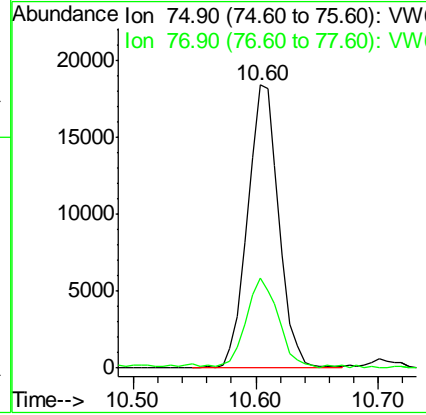
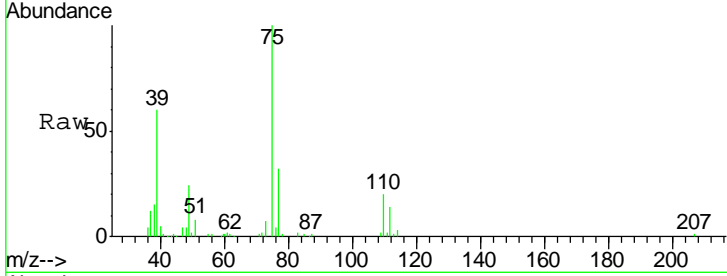


#53  
 t-1,3-Dichloropropene  
 Concen: 9.069 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

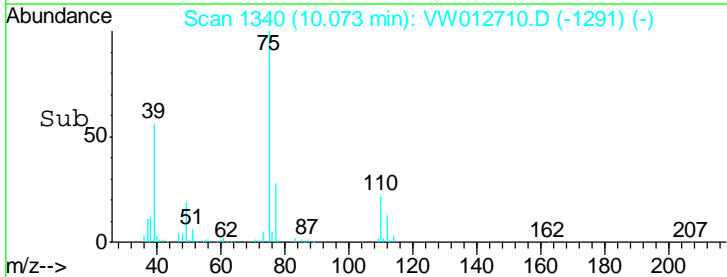
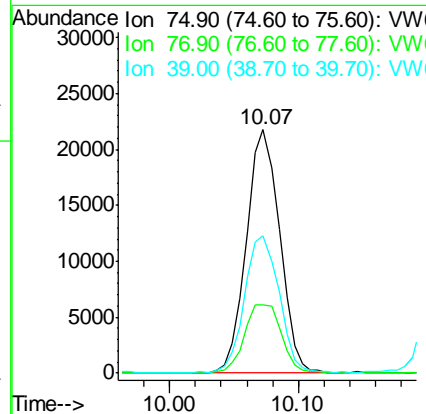
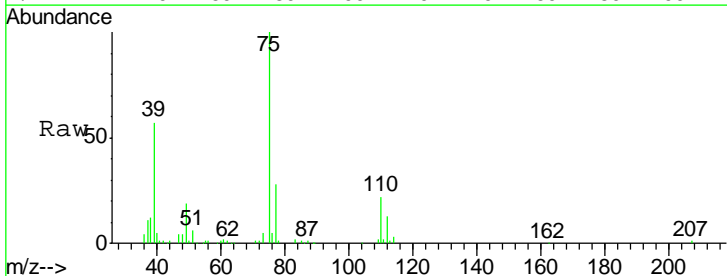
Tgt Ion	Resp	Lower	Upper
75	32683		
75	100		
77	30.9	24.7	37.1

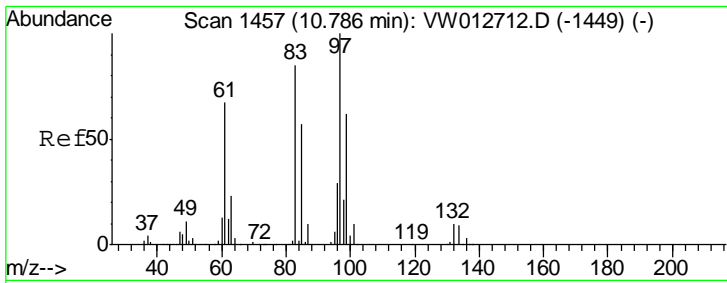
Manual Integrations  
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#54  
 cis-1,3-Dichloropropene  
 Concen: 9.538 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

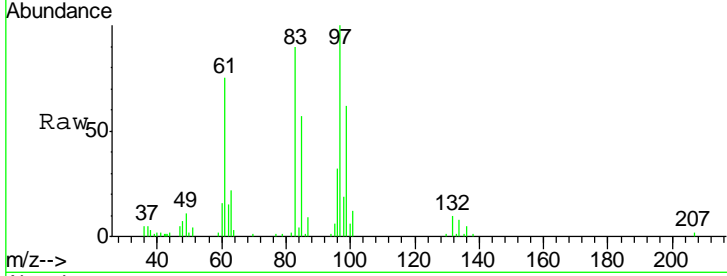
Tgt Ion	Resp	Lower	Upper
75	38993		
75	100		
77	28.3	24.6	36.8
39	56.2	46.3	69.5





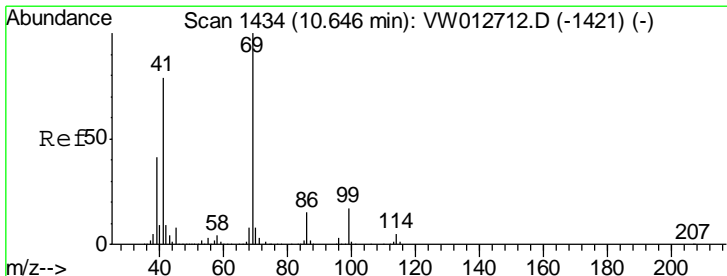
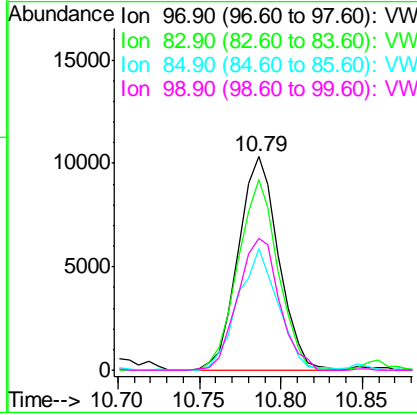
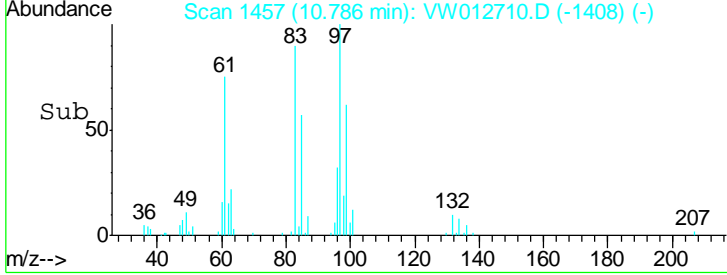
#55  
 1,1,2-Trichloroethane  
 Concen: 9.341 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

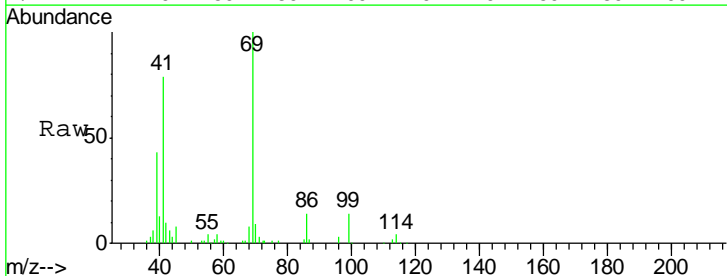


Tgt Ion	Resp	Lower	Upper
97	17815		
97	100		
83	89.6	68.1	102.1
85	56.9	45.3	67.9
99	61.8	50.0	75.0

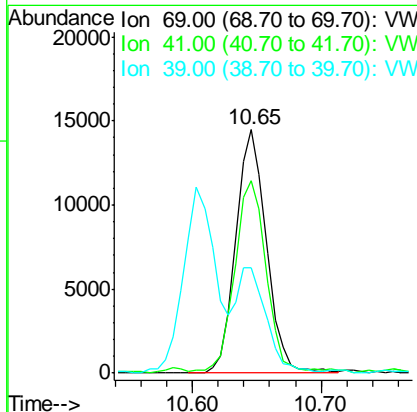
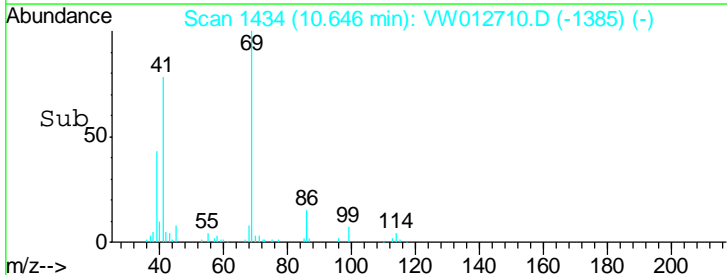
Manual Integrations  
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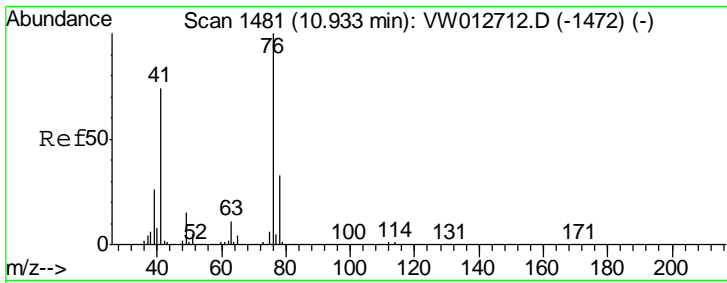
#56  
 Ethyl methacrylate  
 Concen: 8.577 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12



Tgt Ion	Resp	Lower	Upper
69	23945		
69	100		
41	78.6	64.4	96.6
39	41.8	31.1	46.7





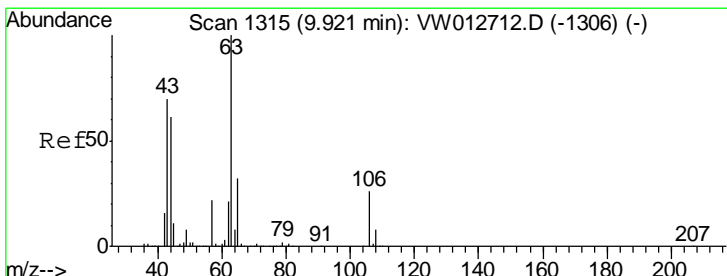
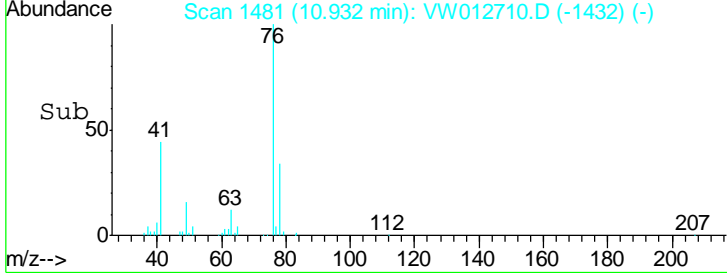
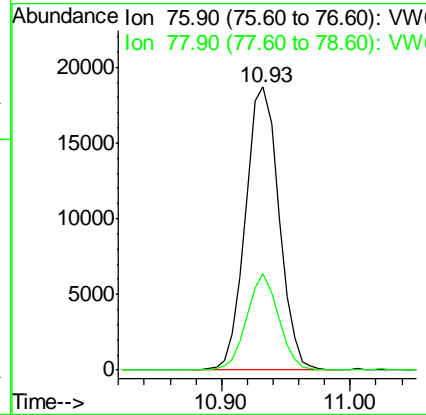
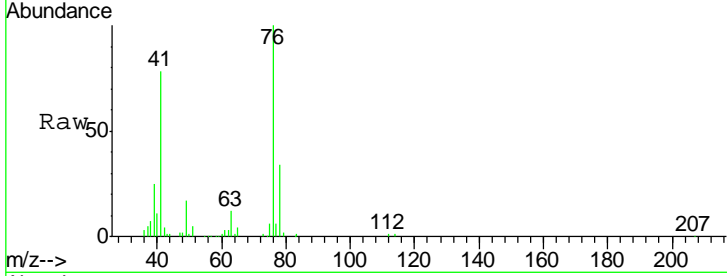


#57  
 1,3-Dichloropropane  
 Concen: 9.527 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

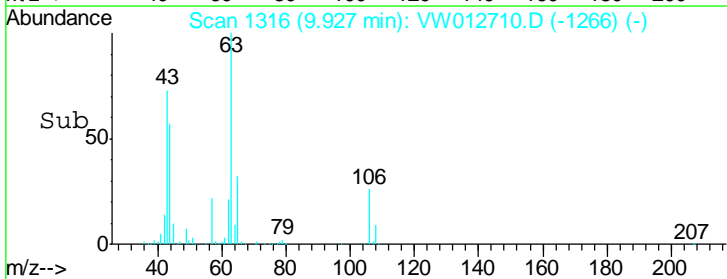
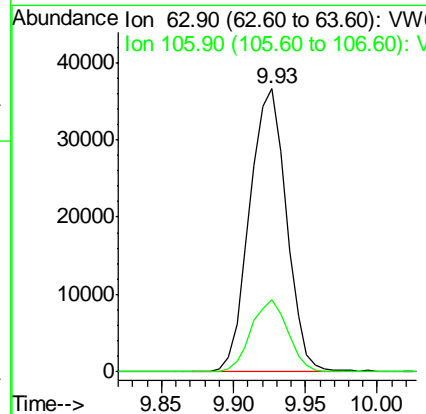
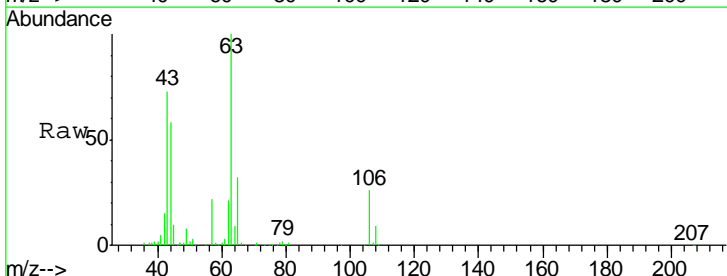
Tgt Ion	Resp	Lower	Upper
76	33613		
76	100		
78	32.3	25.9	38.9

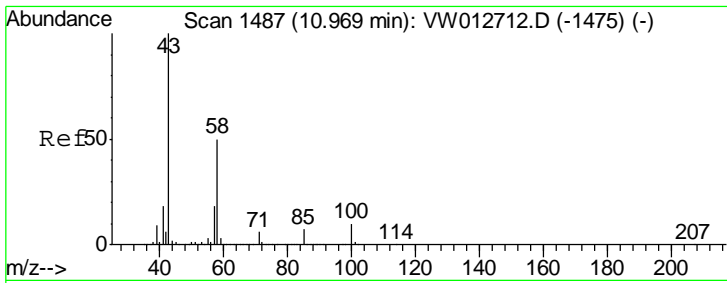
Manual Integrations  
**APPROVED**  
 MMDadoda  
 9/10/2019 1:01:01 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 43.680 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
63	64736		
63	100		
106	25.4	20.5	30.7



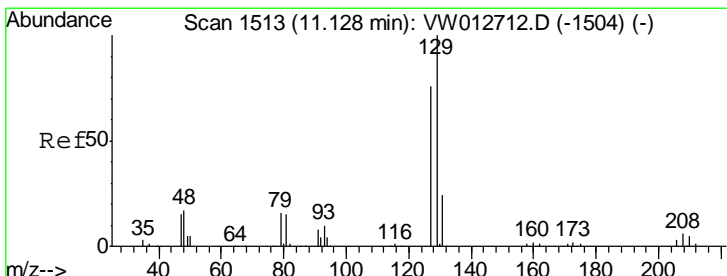
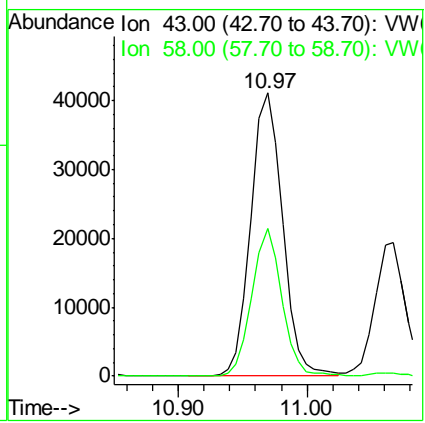
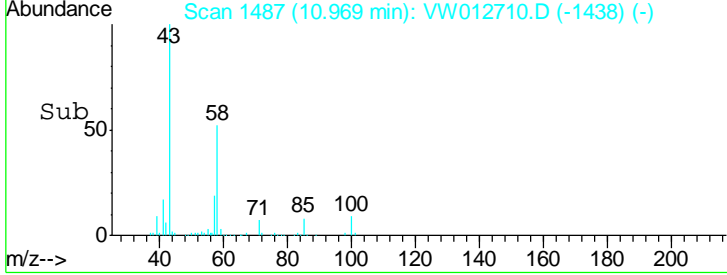
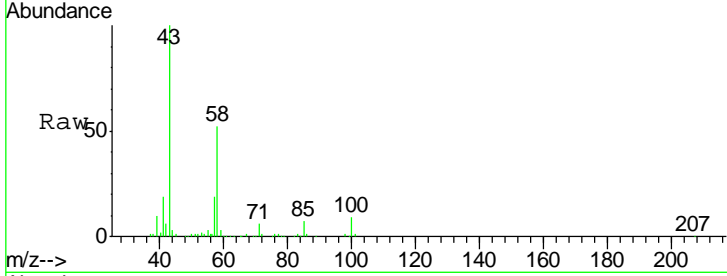


#59  
 2-Hexanone  
 Concen: 43.350 ug/l  
 RT: 10.97 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VSTDIC010

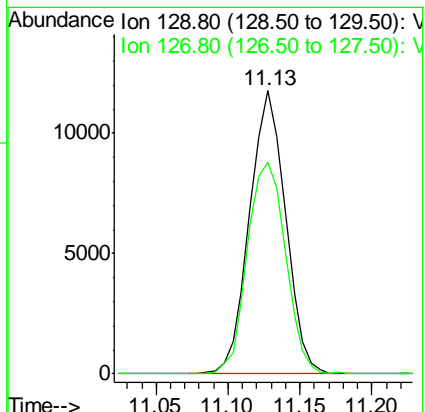
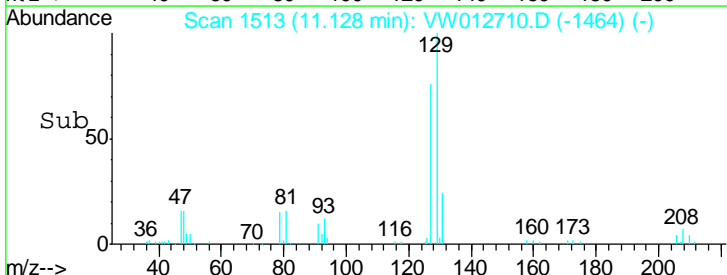
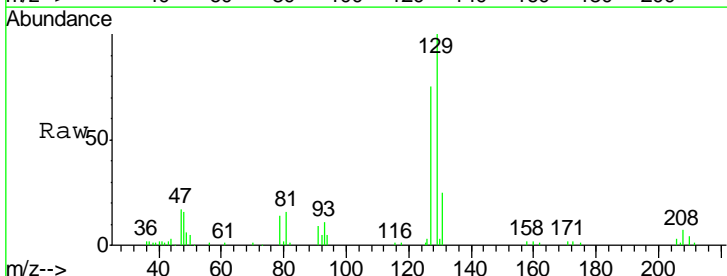
Tgt Ion: 43 Resp: 70165  
 Ion Ratio Lower Upper  
 43 100  
 58 49.4 24.7 74.1

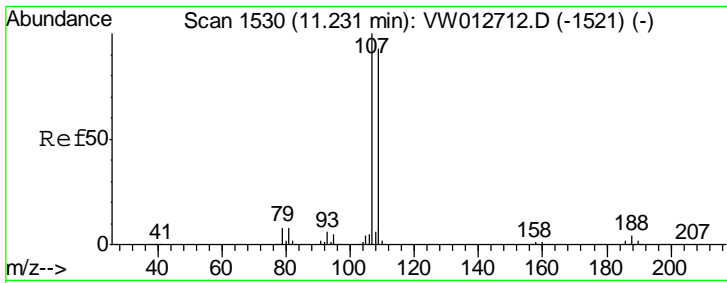
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/10/2019 1:01:01 PM



#60  
 Dibromochloromethane  
 Concen: 9.071 ug/l  
 RT: 11.13 min Scan# 1513  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion: 129 Resp: 20345  
 Ion Ratio Lower Upper  
 129 100  
 127 79.4 38.6 115.8





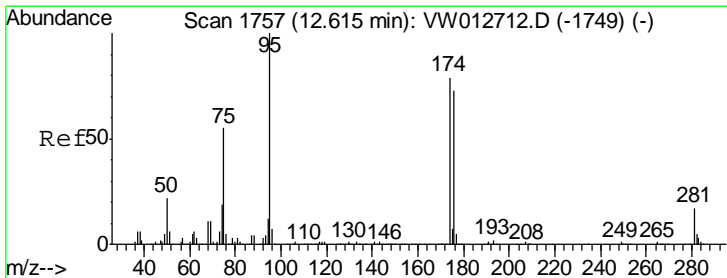
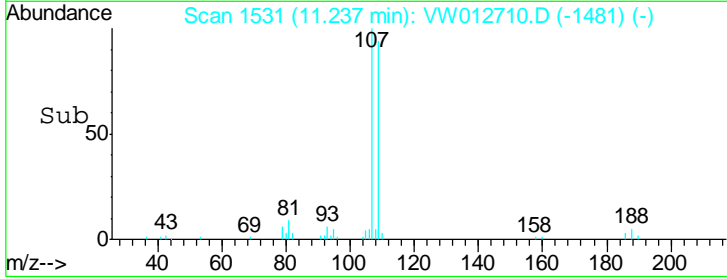
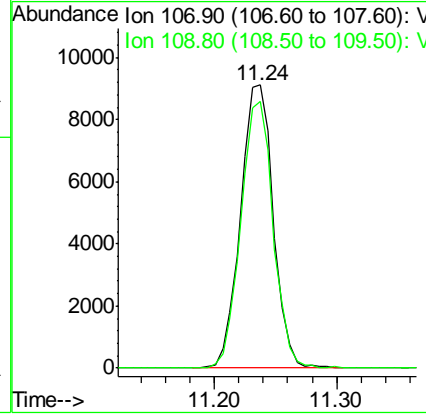
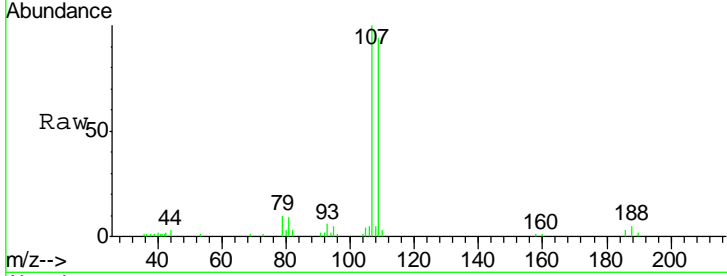
#61  
 1,2-Dibromoethane  
 Concen: 9.655 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
107	16882		
109	92.9	75.0	112.6

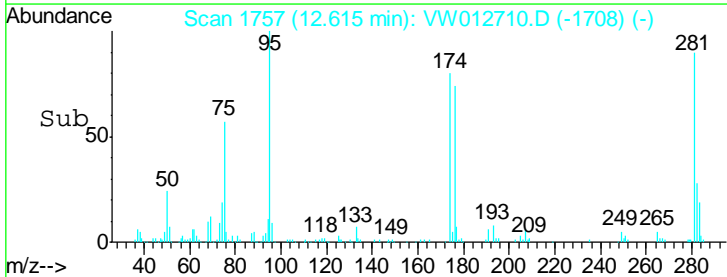
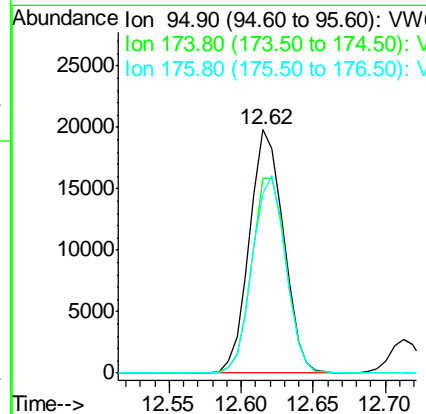
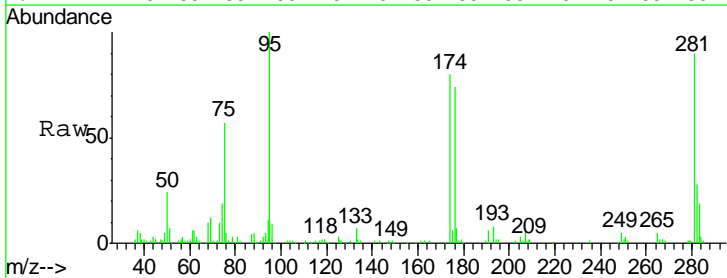
Manual Integrations  
 APPROVED

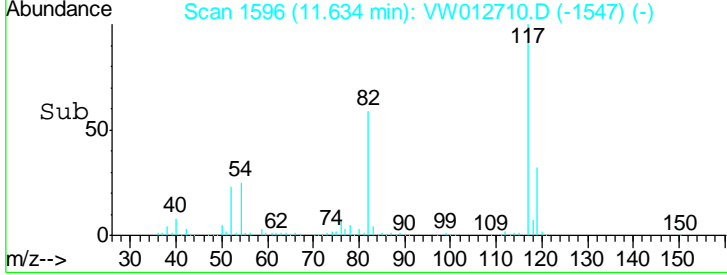
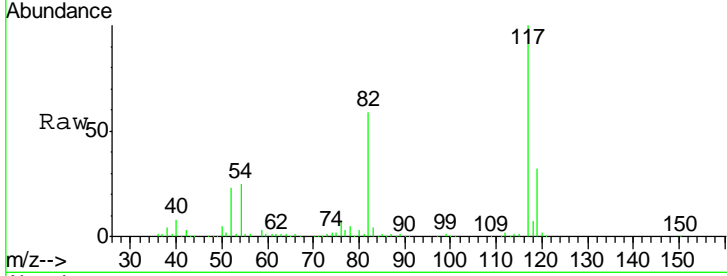
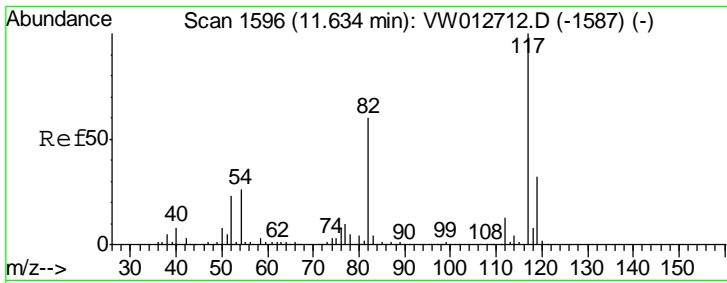
MMDadoda  
 9/10/2019 1:01:01 PM



#62  
 4-Bromofluorobenzene  
 Concen: 9.742 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
95	32412		
174	81.0	0.0	161.0
176	79.1	0.0	156.4



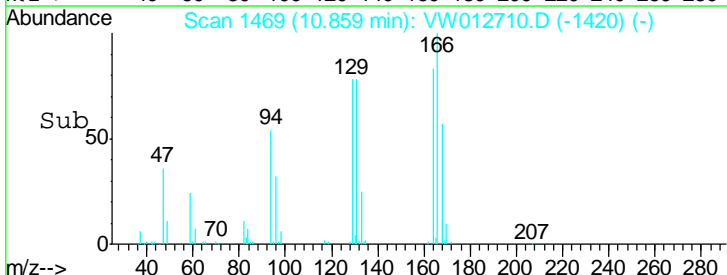
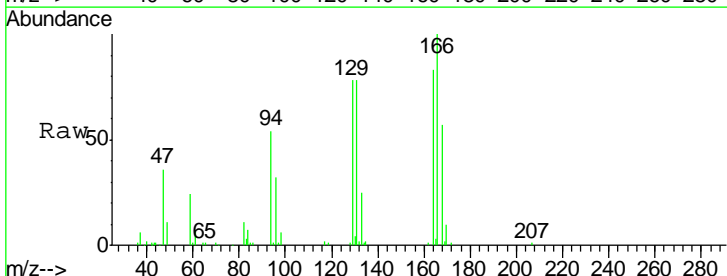
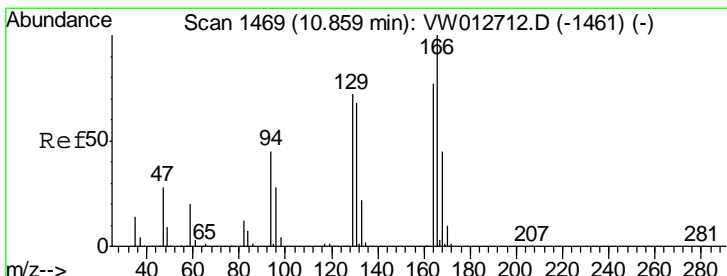
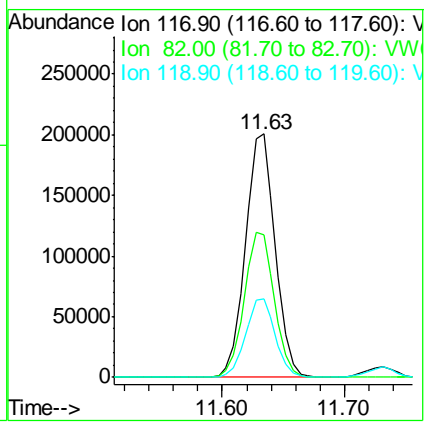


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
117	100		
82	58.5	48.2	72.4
119	32.5	25.8	38.6

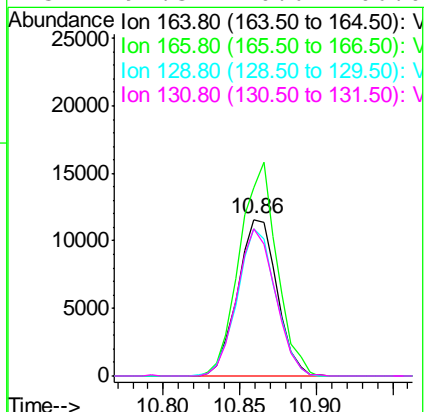
Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

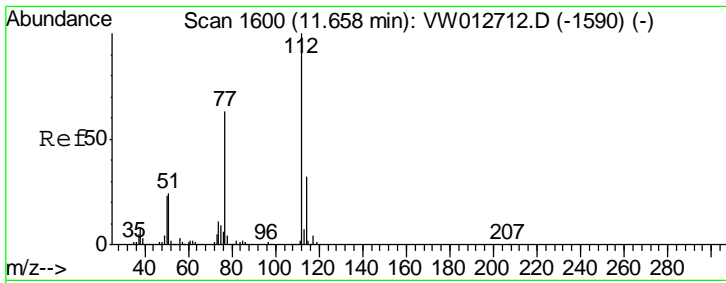
Manual Integrations  
**APPROVED**  
 MMDadoda  
 9/10/2019 1:01:01 PM



#64  
 Tetrachloroethene  
 Concen: 10.057 ug/l  
 RT: 10.86 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
164	100		
166	120.7	103.6	155.4
129	94.2	74.6	112.0
131	94.3	70.6	106.0





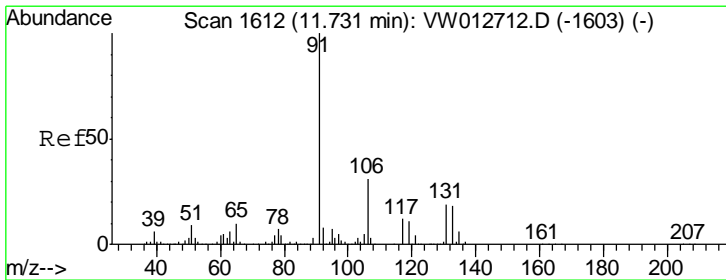
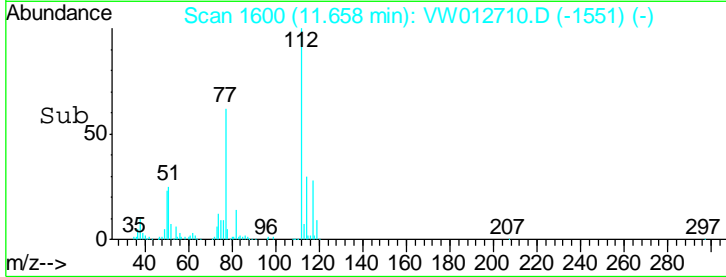
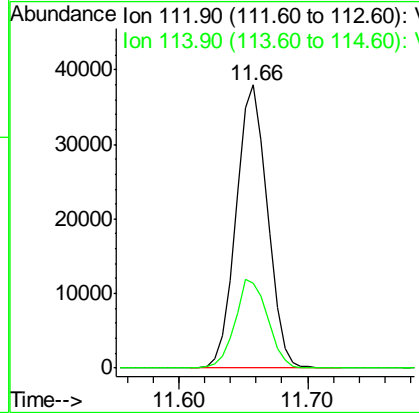
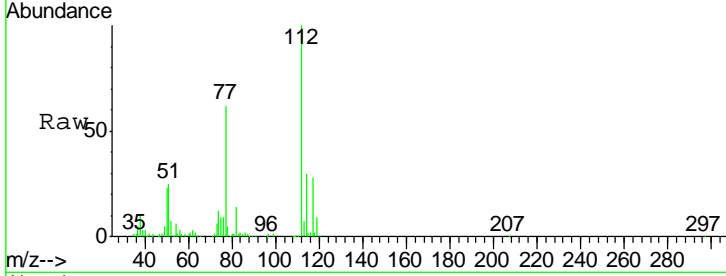
#65  
 Chlorobenzene  
 Concen: 9.997 ug/l  
 RT: 11.66 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
112	63951		
114	30.0	25.3	37.9

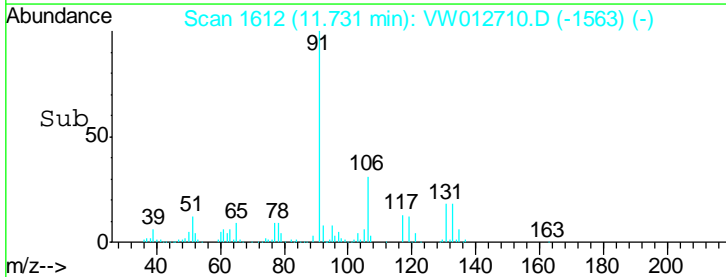
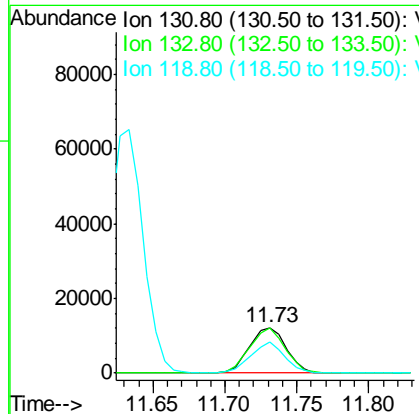
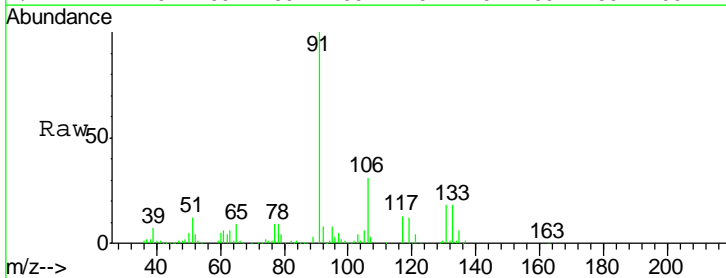
Manual Integrations  
 APPROVED

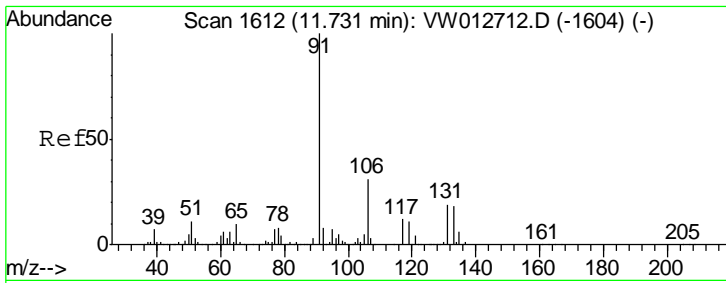
MMDadoda  
 9/10/2019 1:01:01 PM



#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 9.069 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
131	21605		
133	96.0	47.6	142.8
119	63.2	30.6	92.0





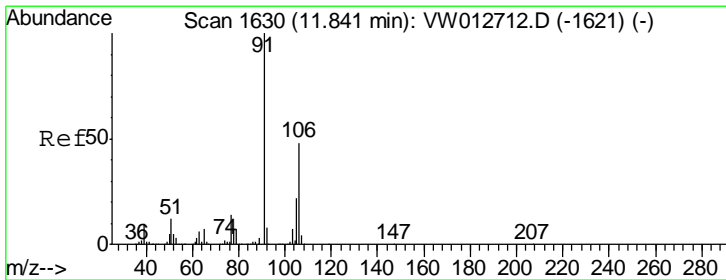
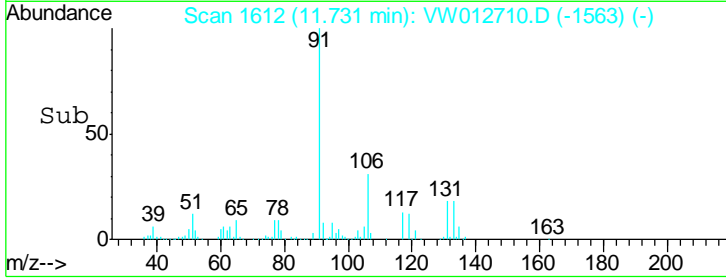
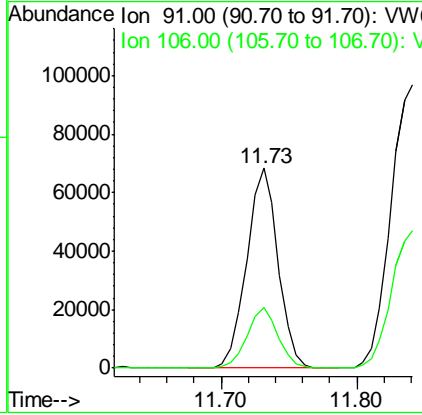
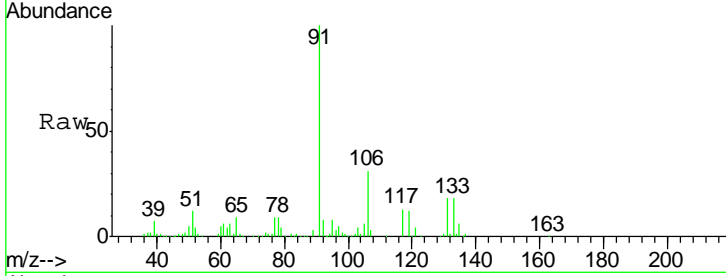
#67  
 Ethyl Benzene  
 Concen: 9.201 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 Client Sampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
91	110433		
106	30.6	24.4	36.6

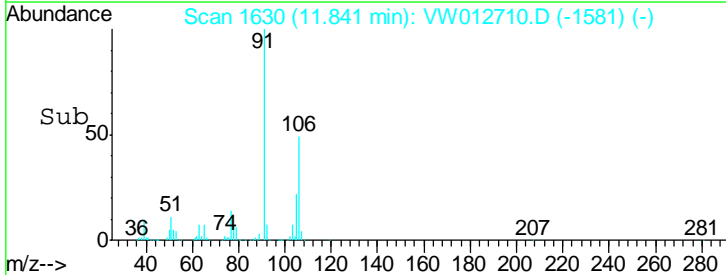
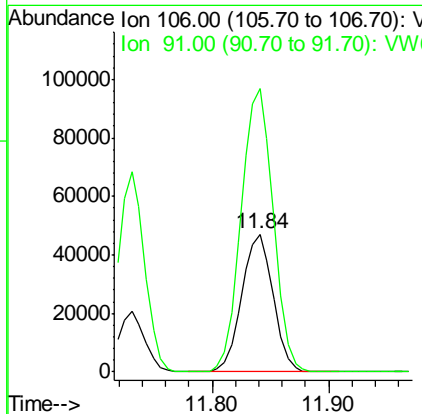
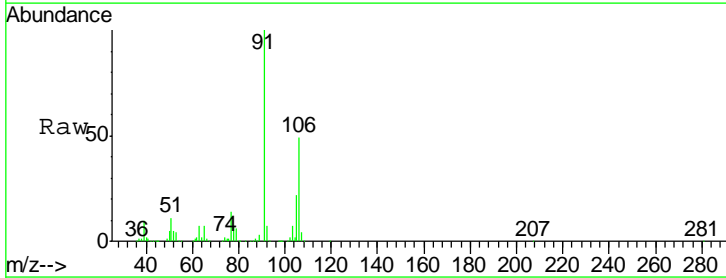
Manual Integrations  
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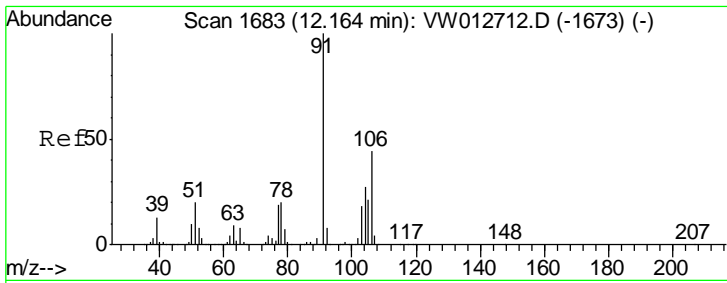
MMDadoda  
 9/10/2019 1:01:01 PM



#68  
 m/p-Xylenes  
 Concen: 20.387 ug/l  
 RT: 11.84 min Scan# 1630  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
106	88322		
91	209.1	168.2	252.4



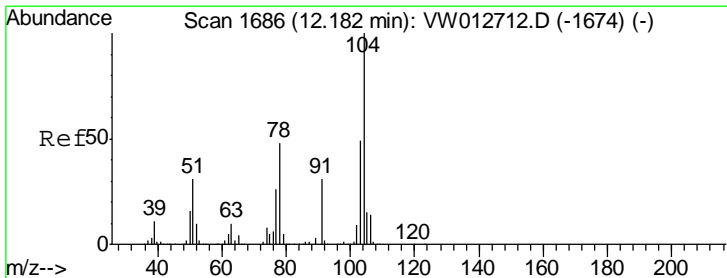
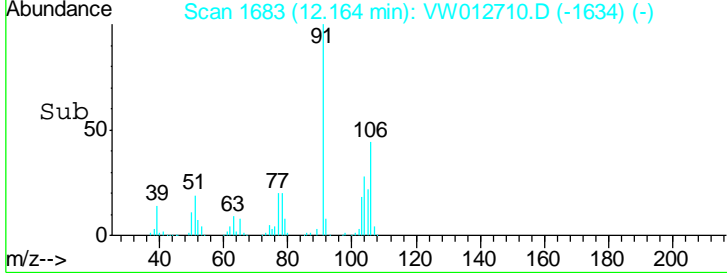
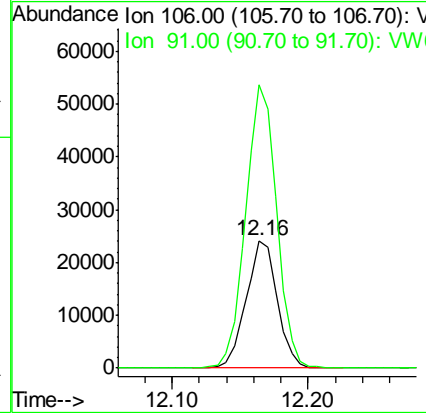
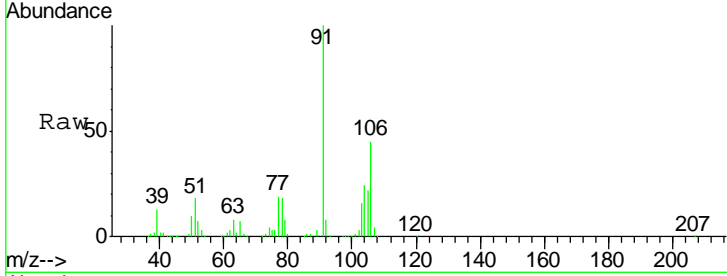


#69  
 o-Xylene  
 Concen: 9.421 ug/l  
 RT: 12.16 min Scan# 1683  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 Client Sampled : VSTDIC010

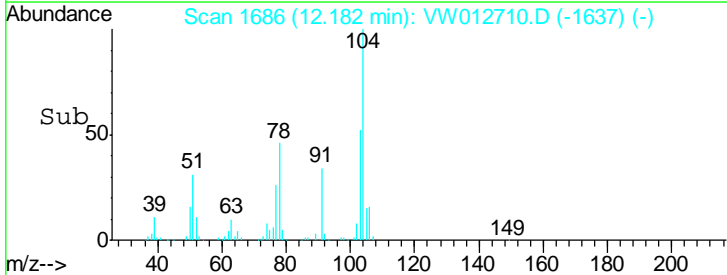
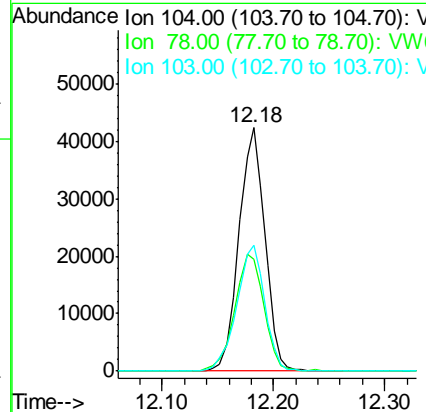
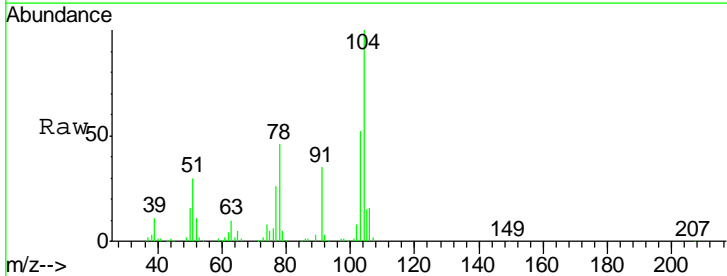
Tgt Ion	Resp	Lower	Upper
106	38504		
106	100		
91	222.2	112.3	336.8

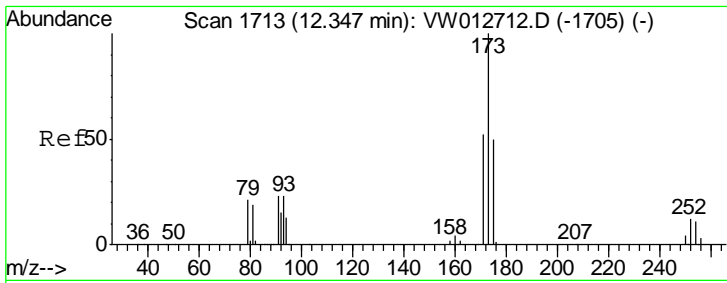
Manual Integrations  
**APPROVED**  
 MMDadoda  
 9/10/2019 1:01:01 PM



#70  
 Styrene  
 Concen: 9.466 ug/l  
 RT: 12.18 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
104	68366		
104	100		
78	54.1	43.3	64.9
103	55.9	44.0	66.0





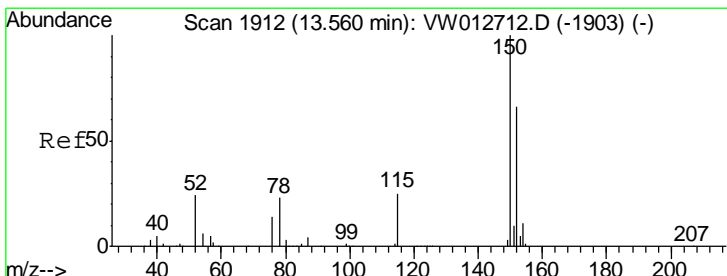
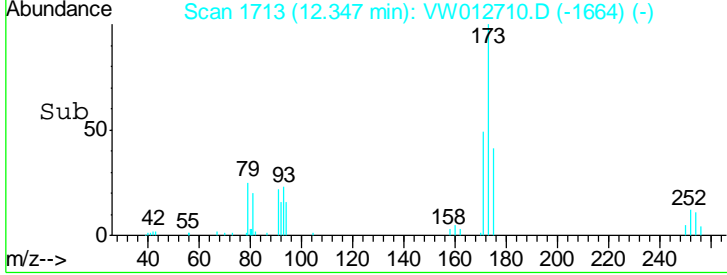
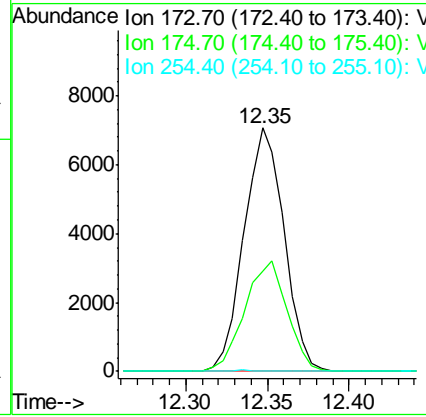
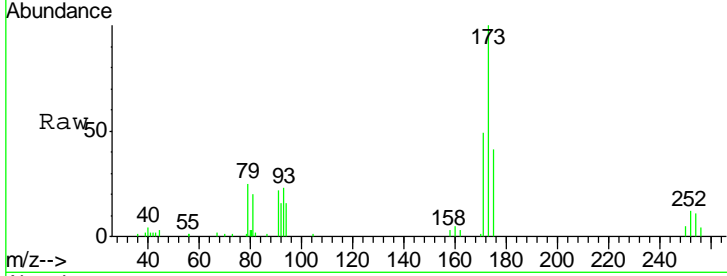
#71  
 Bromoform  
 Concen: 9.136 ug/l  
 RT: 12.35 min Scan# 1713  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

Tgt Ion	Resp	Lower	Upper
173	12092		
175	48.1	24.8	74.3
254	0.2	0.1	0.1#

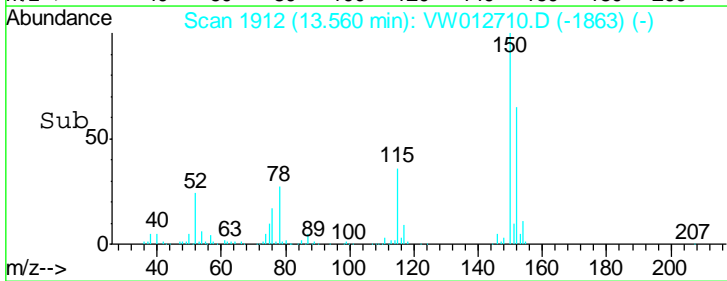
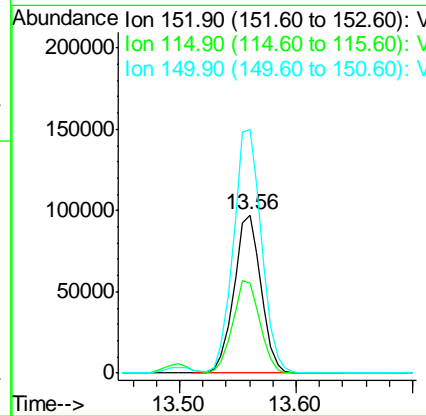
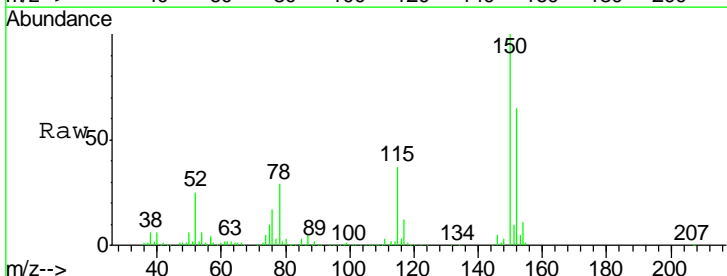
**Manual Integrations**  
**APPROVED**

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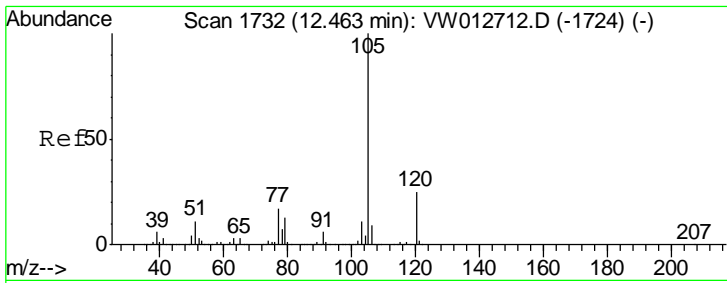


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.56 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
152	156568		
115	59.0	30.0	90.1
150	161.1	0.0	349.0

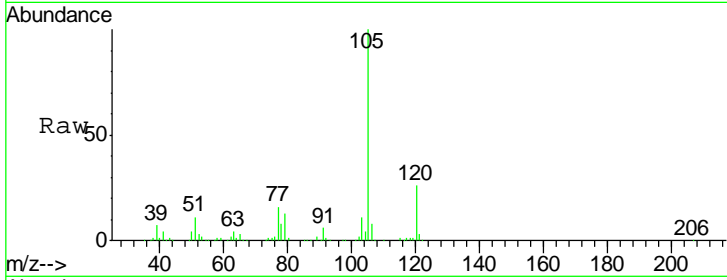






#73  
 Isopropylbenzene  
 Concen: 10.351 ug/l  
 RT: 12.46 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

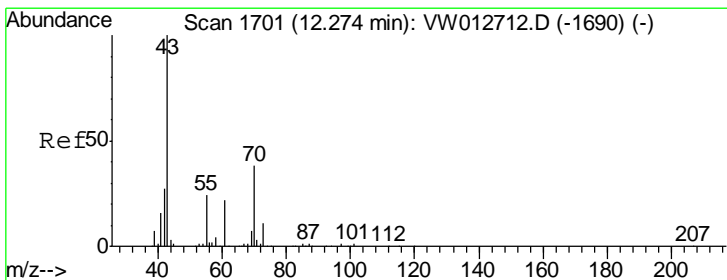
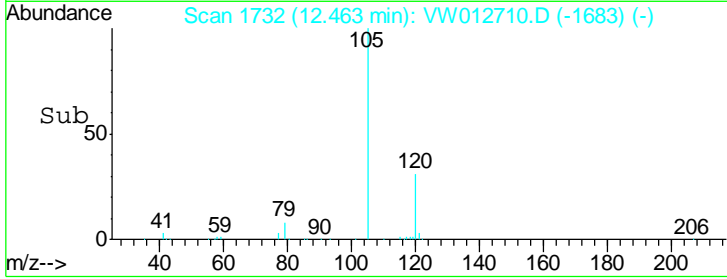
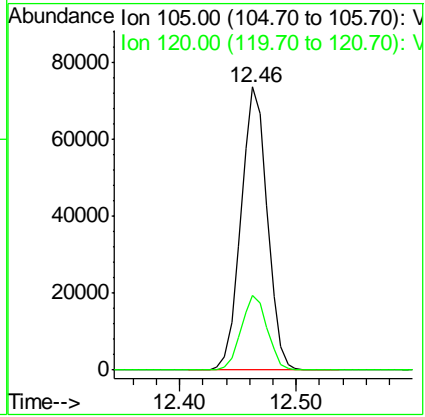
Instrument : MSVOA\_W  
 Client Sampled : VSTDIC010



Tgt Ion: 105 Resp: 116231

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9

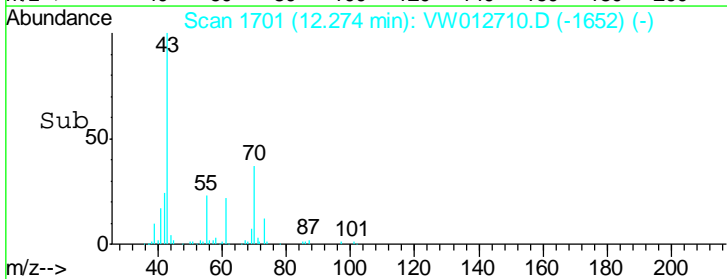
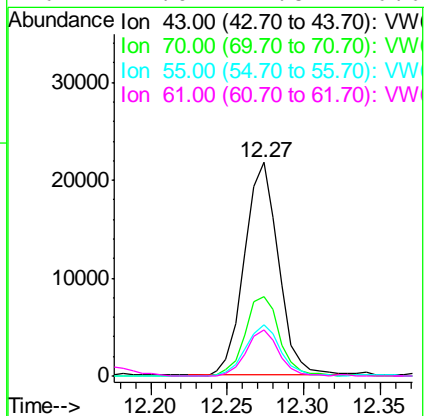
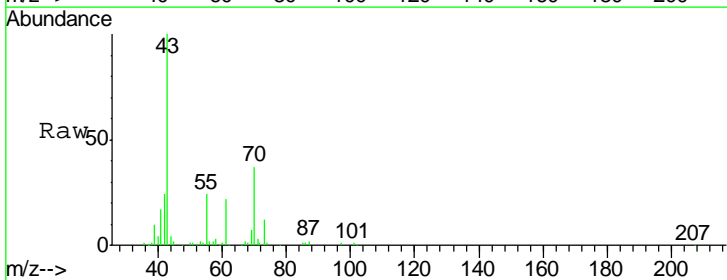
Manual Integrations APPROVED  
 MMDadoda  
 9/10/2019 1:01:01 PM

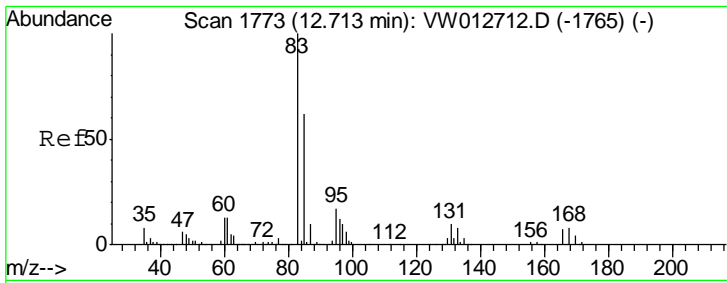


#74  
 N-amyl acetate  
 Concen: 9.424 ug/l  
 RT: 12.27 min Scan# 1701  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion: 43 Resp: 33591

Ion	Ratio	Lower	Upper
43	100		
70	37.7	29.4	44.0
55	24.6	18.6	27.8
61	21.0	17.8	26.6





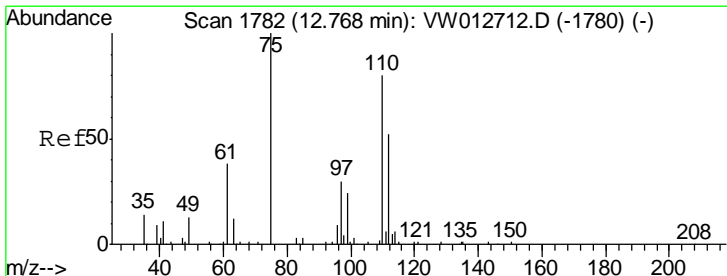
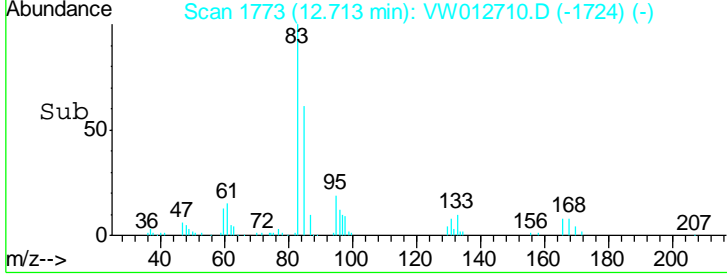
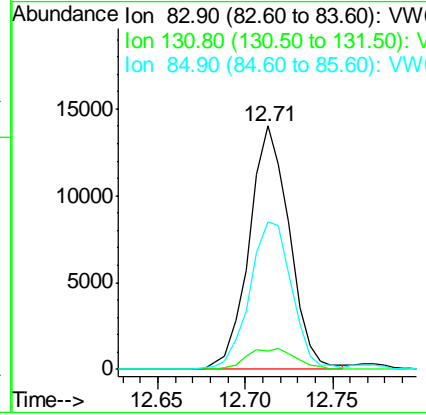
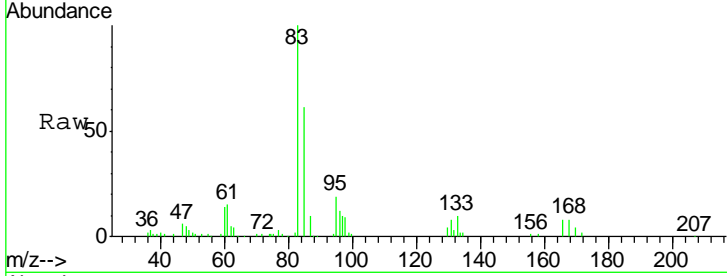
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 9.915 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	63.4	31.4	94.2

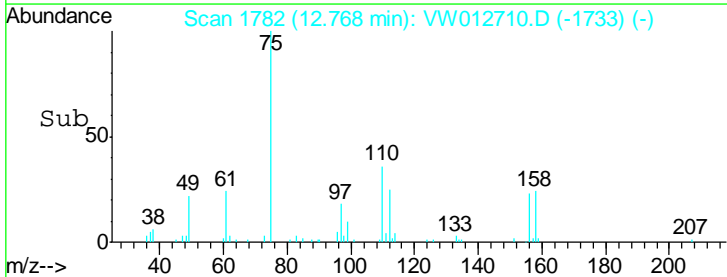
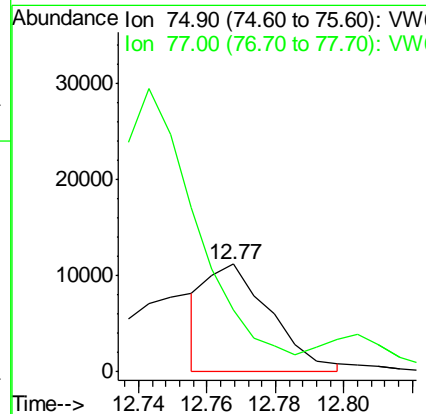
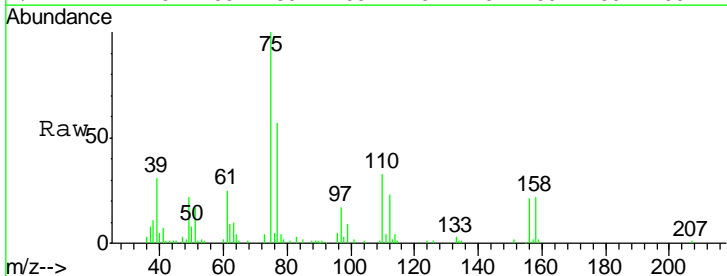
Manual Integrations  
 APPROVED

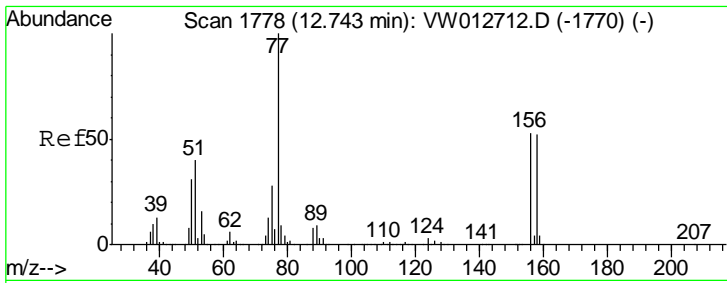
MMDadoda  
 9/10/2019 1:01:01 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 9.528 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.0	0.0	0.0





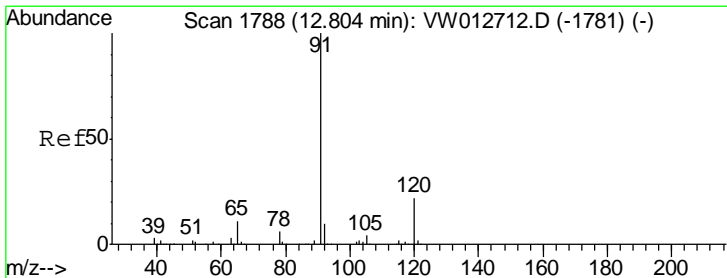
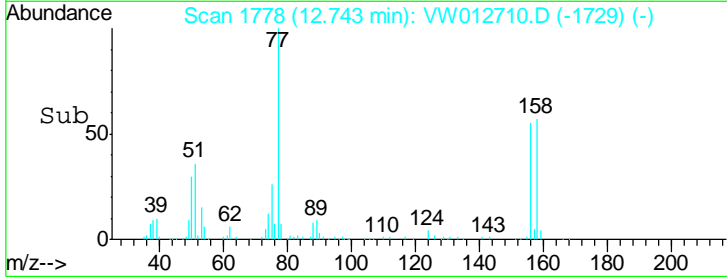
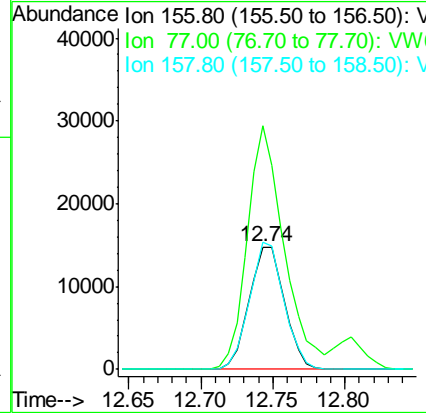
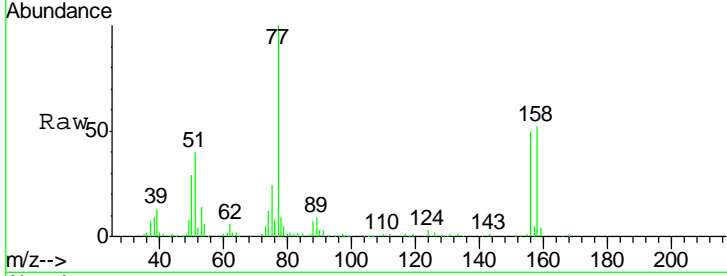
#77  
 Bromobenzene  
 Concen: 9.909 ug/l  
 RT: 12.74 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDIC010

Tgt Ion	Resp	Lower	Upper
156	25211		
77	205.2	102.3	306.9
158	100.2	48.9	146.8

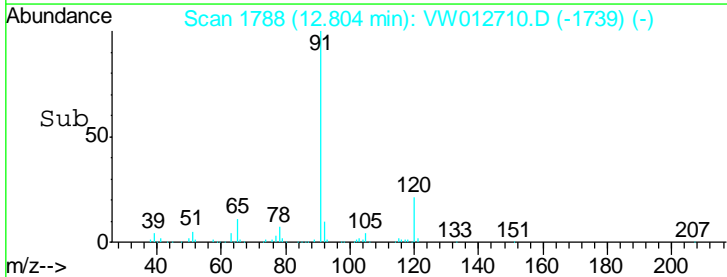
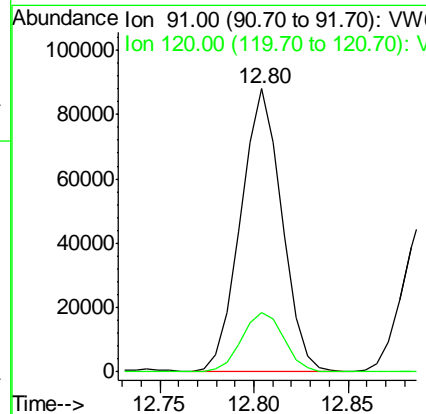
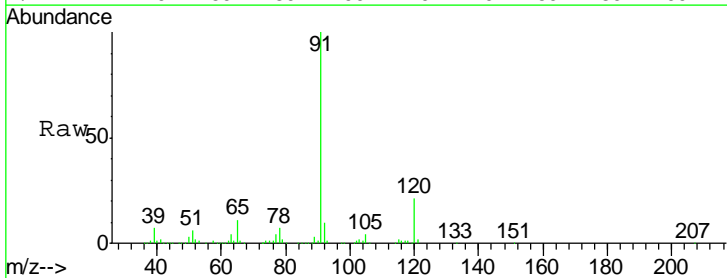
**Manual Integrations**  
**APPROVED**

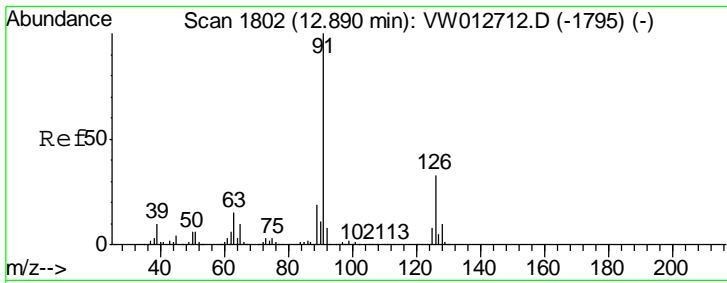
MMDadoda  
 9/10/2019 1:01:01 PM



#78  
 n-propylbenzene  
 Concen: 9.893 ug/l  
 RT: 12.80 min Scan# 1788  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
91	132861		
120	21.6	11.0	33.0





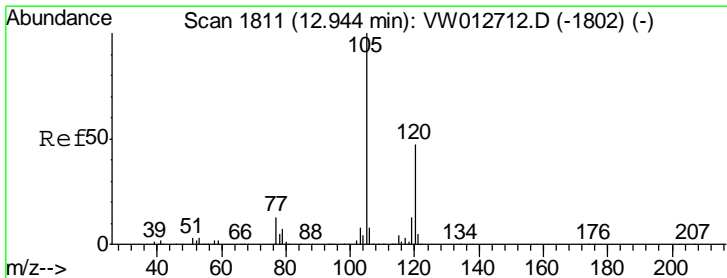
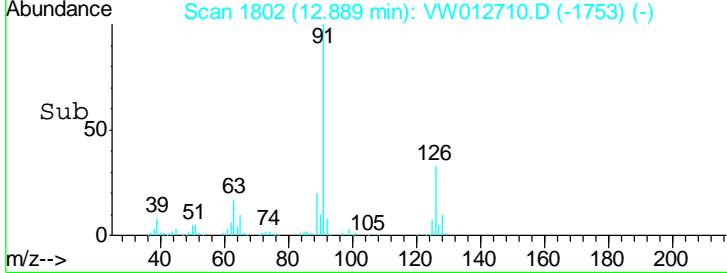
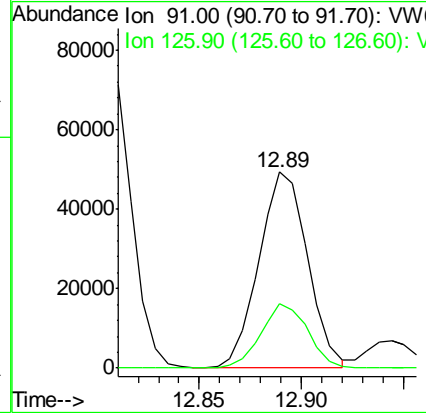
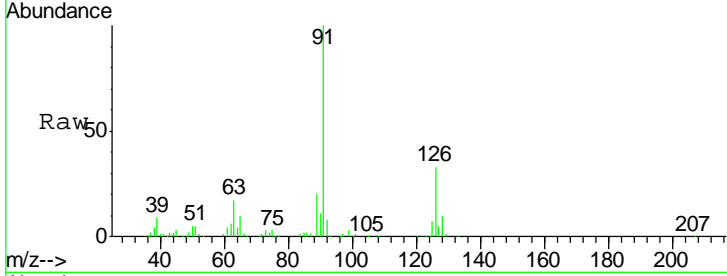
#79  
 2-Chlorotoluene  
 Concen: 10.611 ug/l  
 RT: 12.89 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
91	100		
126	31.8	16.1	48.3

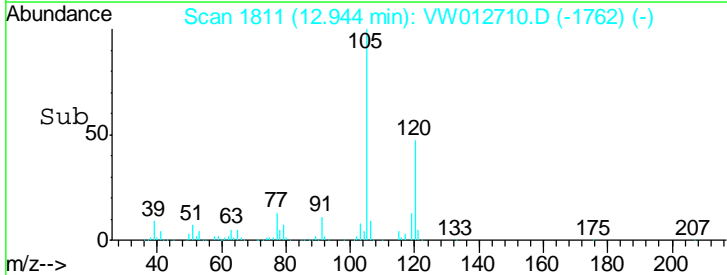
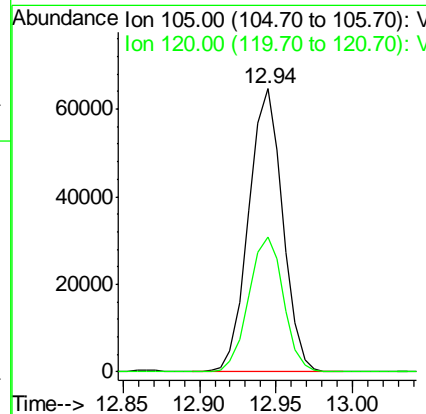
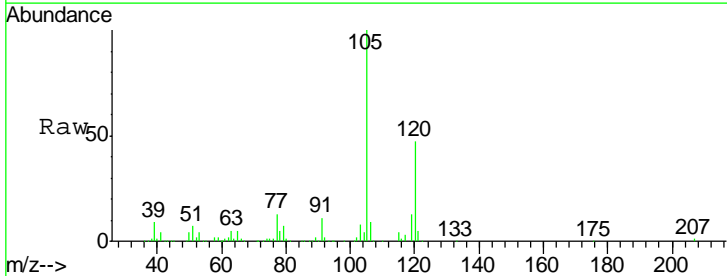
Manual Integrations  
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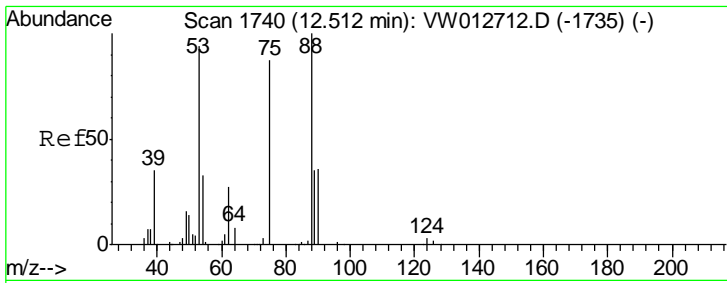
MMDadoda  
 9/10/2019 1:01:01 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 10.524 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
105	100		
120	48.8	23.9	71.8





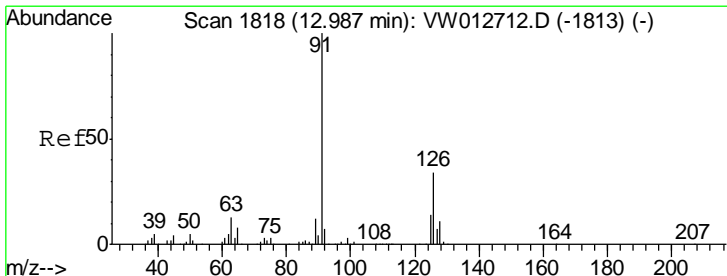
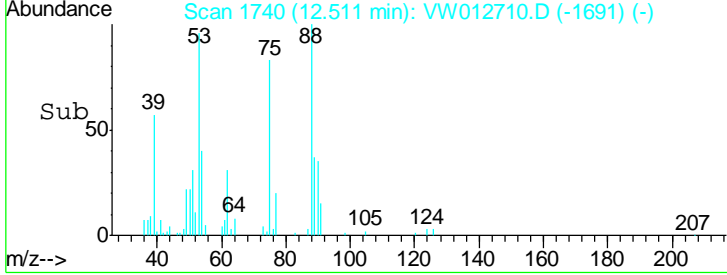
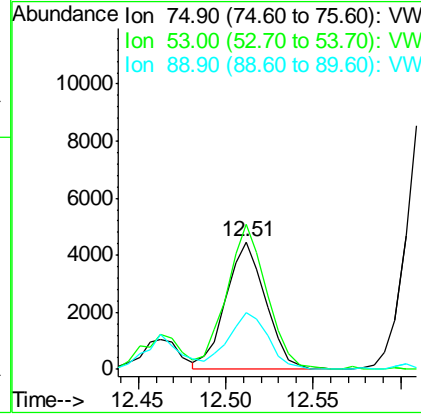
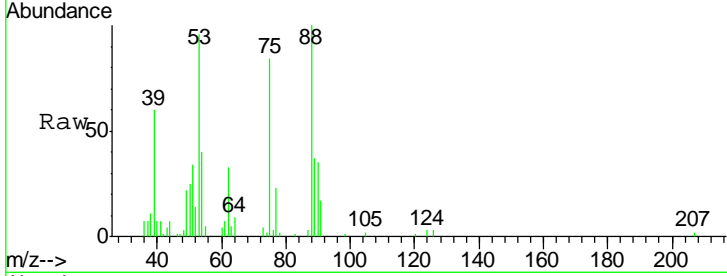
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 9.323 ug/l  
 RT: 12.51 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
75	7057		
75	100		
53	115.6	87.6	131.4
89	44.5	35.5	53.3

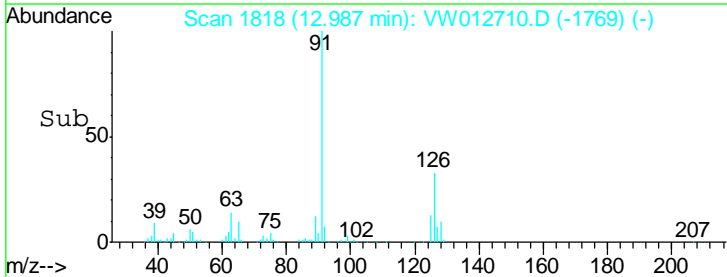
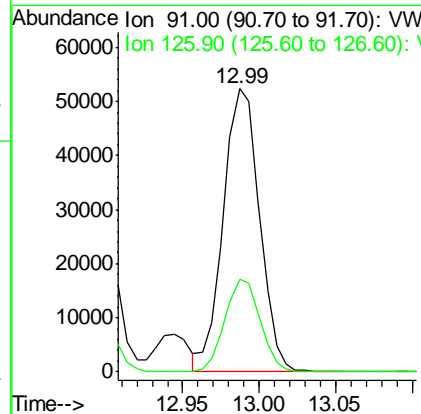
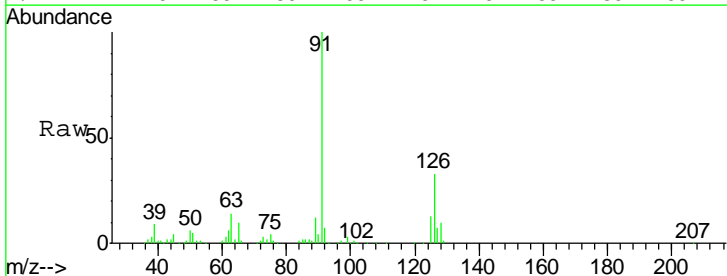
Manual Integrations  
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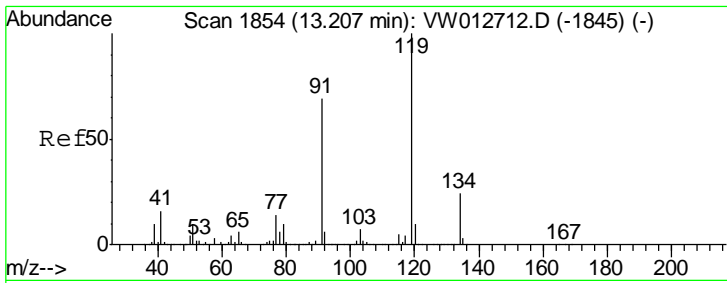
MMDadoda  
 9/10/2019 1:01:01 PM



#82  
 4-Chlorotoluene  
 Concen: 10.569 ug/l  
 RT: 12.99 min Scan# 1818  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
91	86194		
91	100		
126	32.0	15.9	47.6





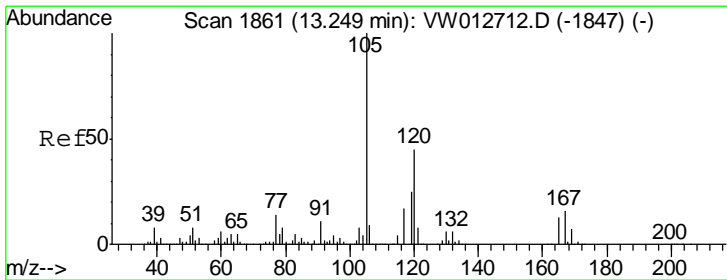
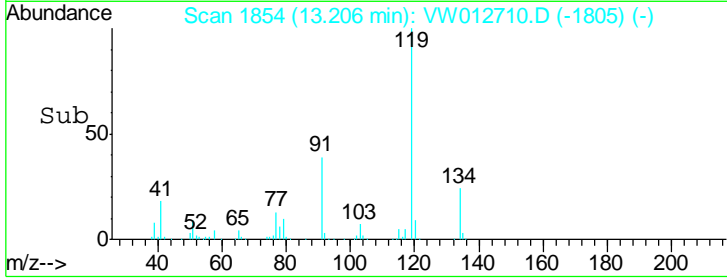
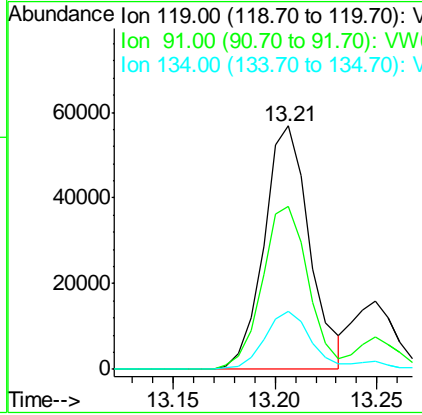
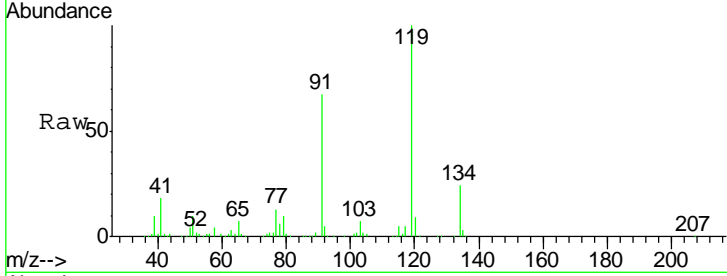
#83  
 tert-Butylbenzene  
 Concen: 10.575 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
119	100		
91	67.7	34.2	102.5
134	24.1	12.3	36.9

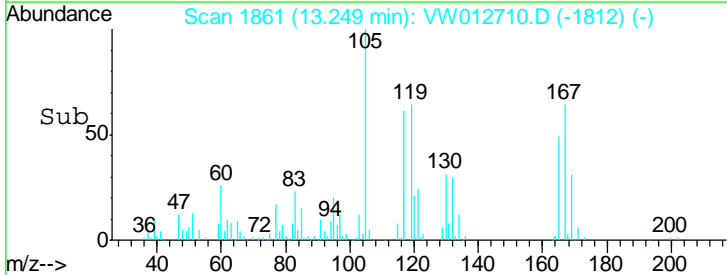
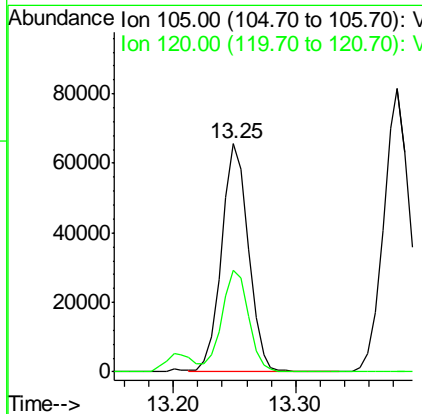
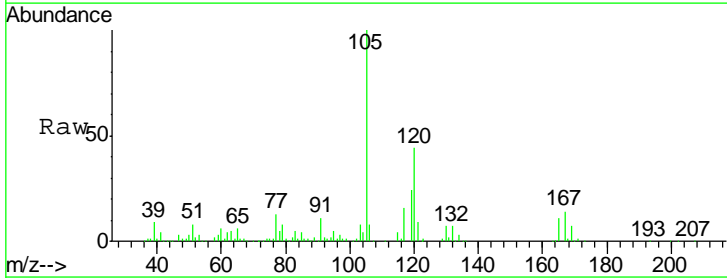
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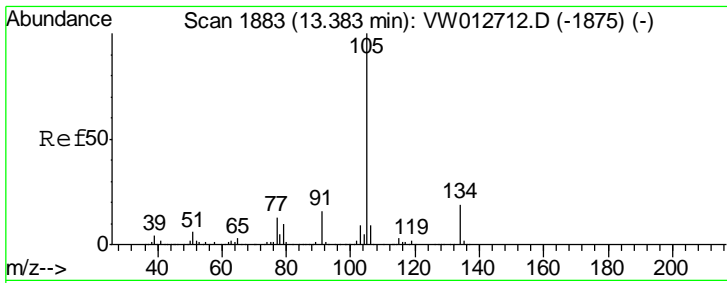
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 9/10/2019 1:01:01 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 10.410 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
105	100		
120	44.2	22.1	66.3





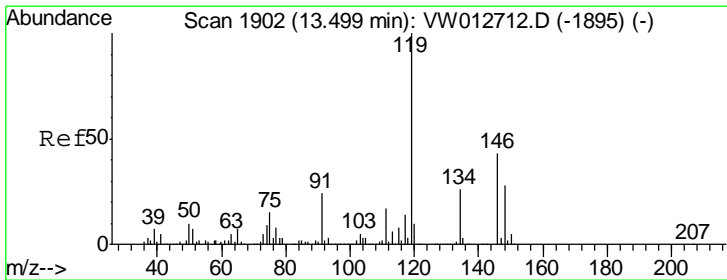
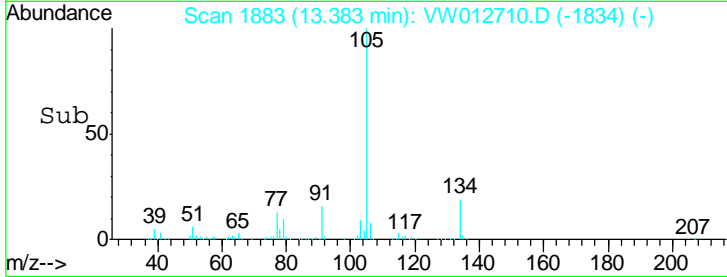
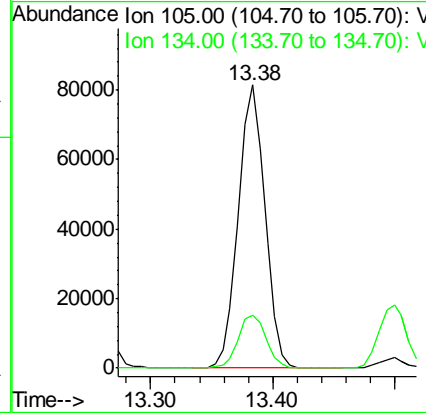
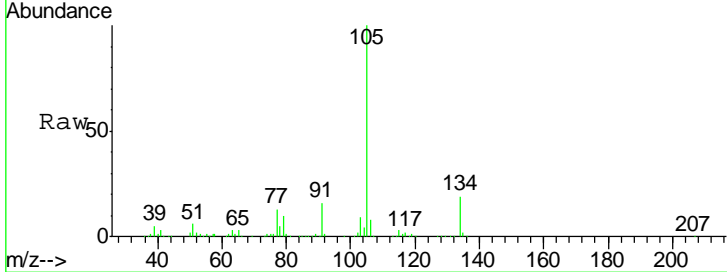
#85  
 sec-Butylbenzene  
 Concen: 10.577 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
105	122803		
134	19.6	9.8	29.3

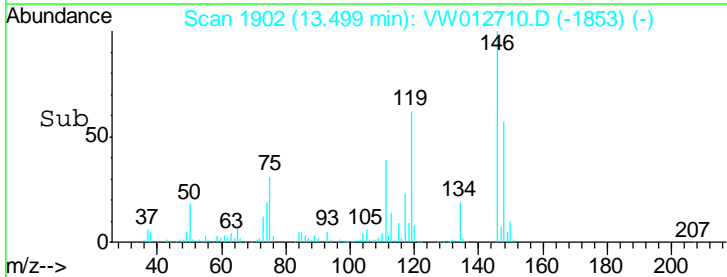
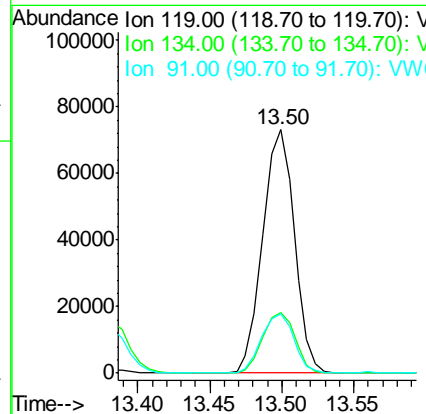
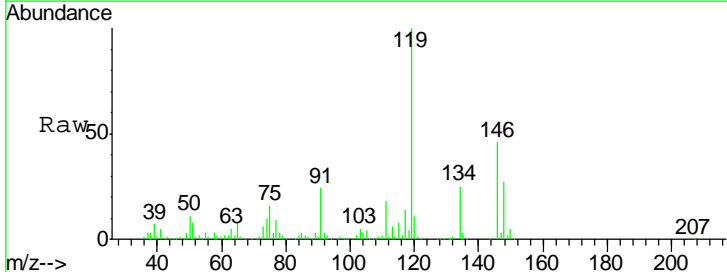
Manual Integrations  
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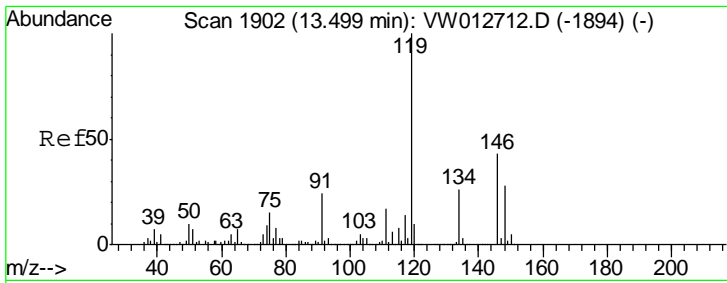
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 9/10/2019 1:01:01 PM



#86  
 p-Isopropyltoluene  
 Concen: 10.495 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
119	111300		
134	25.6	12.7	38.1
91	25.0	12.2	36.6





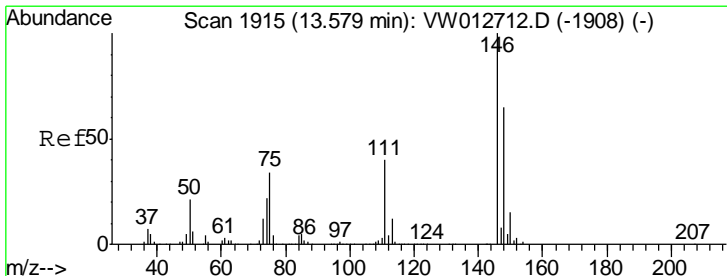
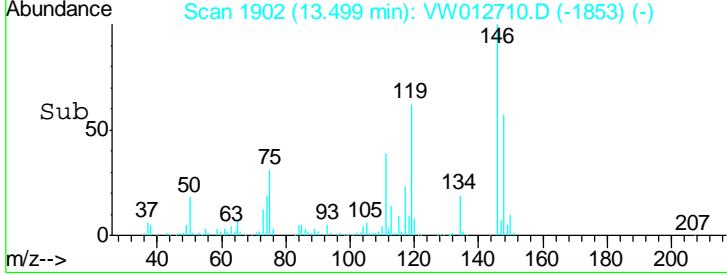
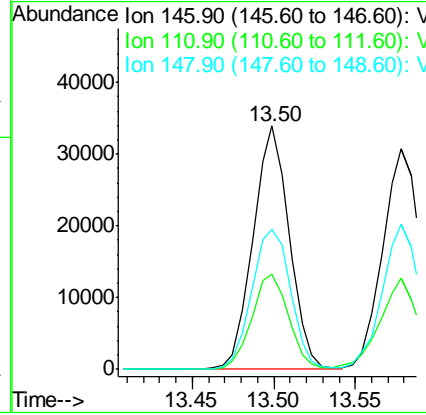
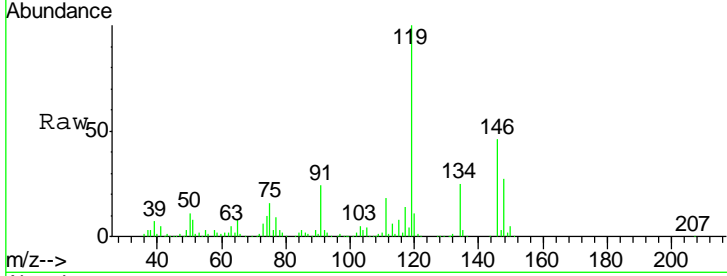
#87  
 1,3-Dichlorobenzene  
 Concen: 10.499 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
146	52504		
146	100		
111	39.7	20.4	61.2
148	61.8	31.8	95.4

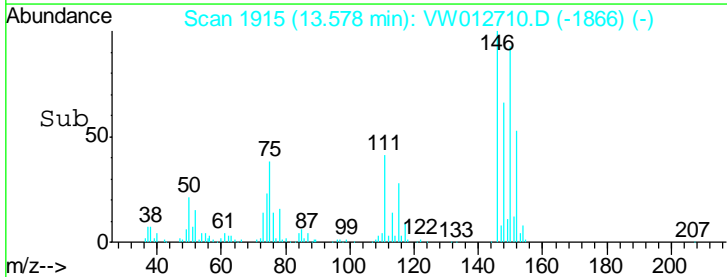
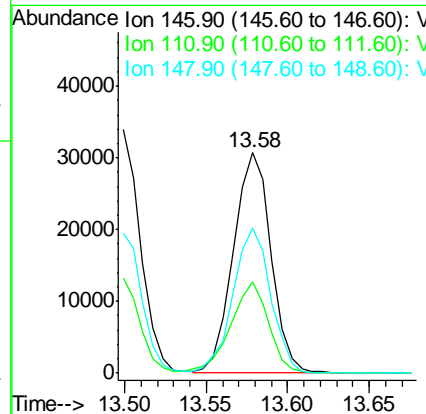
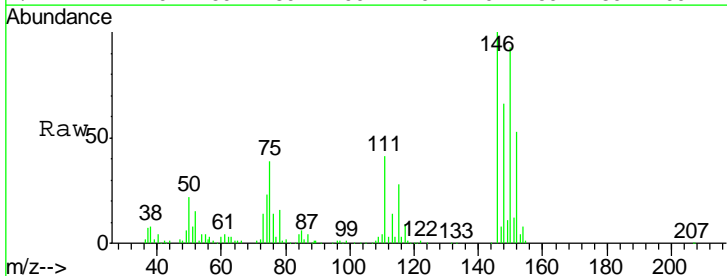
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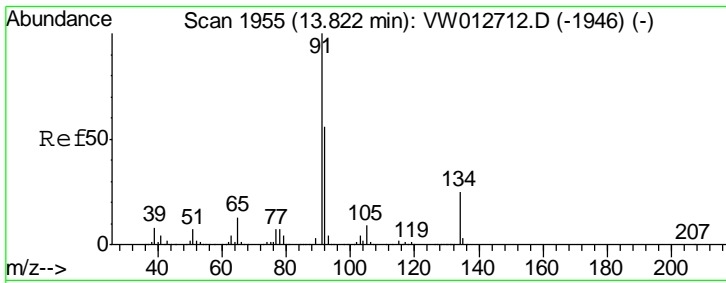


#88  
 1,4-Dichlorobenzene  
 Concen: 9.904 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
146	49283		
146	100		
111	41.8	20.0	60.0
148	66.0	32.2	96.6







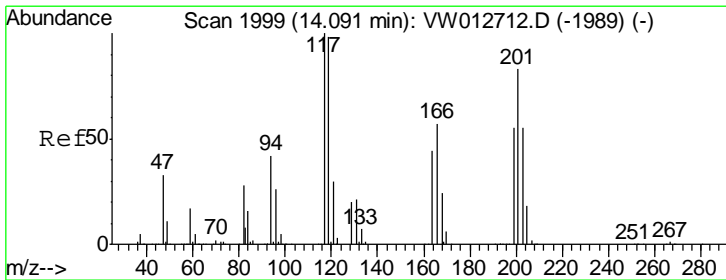
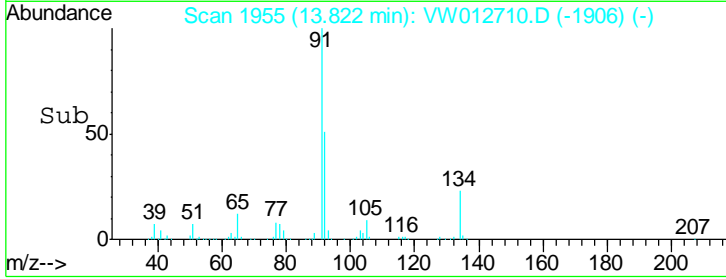
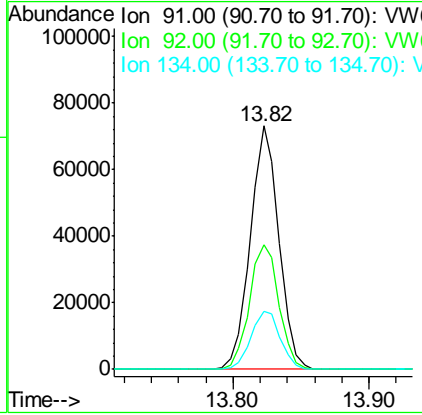
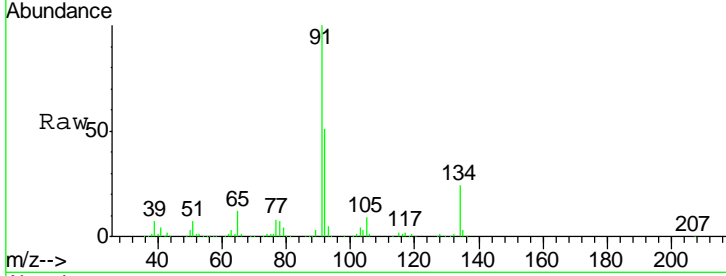
#89  
 n-Butylbenzene  
 Concen: 10.429 ug/l  
 RT: 13.82 min Scan# 1955  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
91	100		
92	53.2	27.2	81.5
134	24.8	12.7	38.1

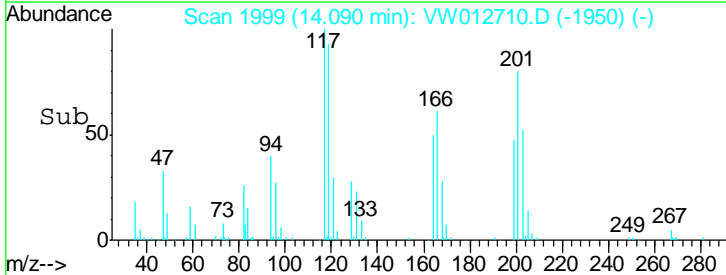
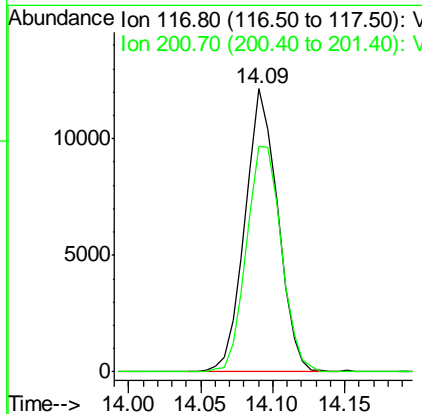
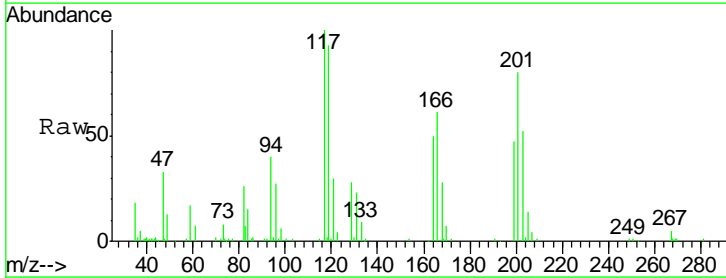
Manual Integrations  
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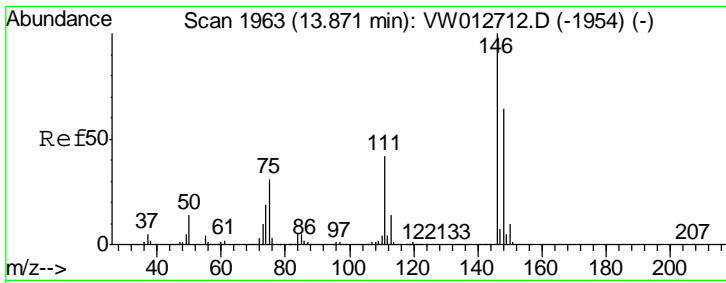
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#90  
 Hexachloroethane  
 Concen: 10.318 ug/l  
 RT: 14.09 min Scan# 1999  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
117	100		
201	84.8	42.8	128.4





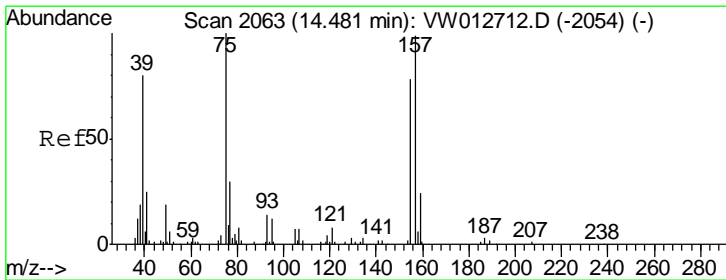
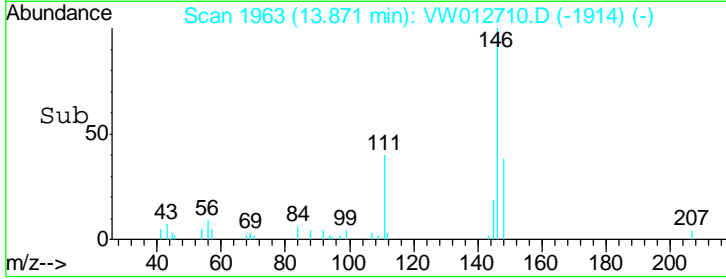
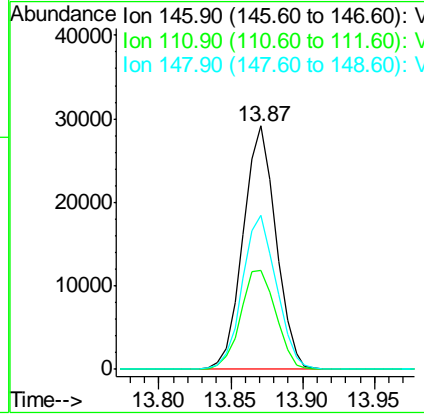
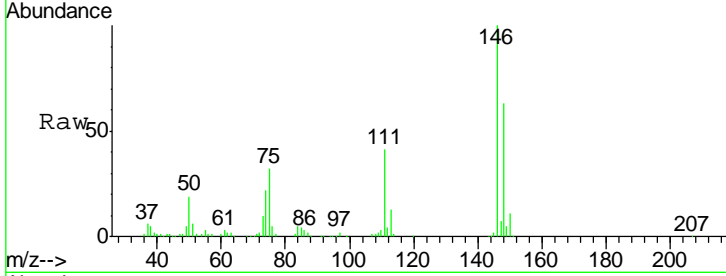
#91  
 1,2-Dichlorobenzene  
 Concen: 10.251 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
146	46139		
111	43.8	21.3	63.9
148	65.3	32.1	96.5

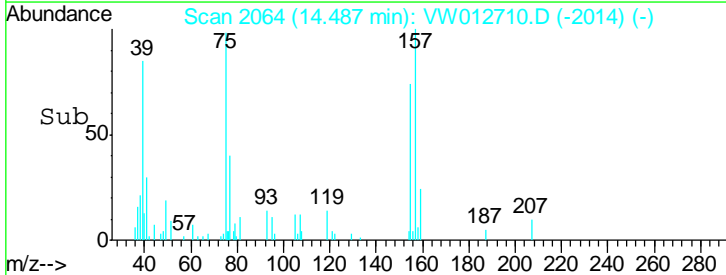
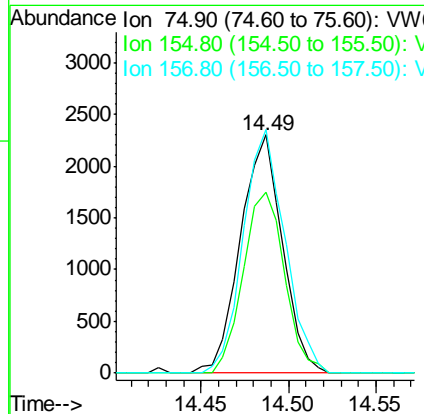
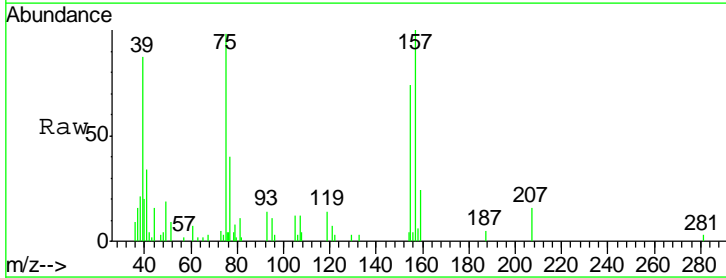
Manual Integrations  
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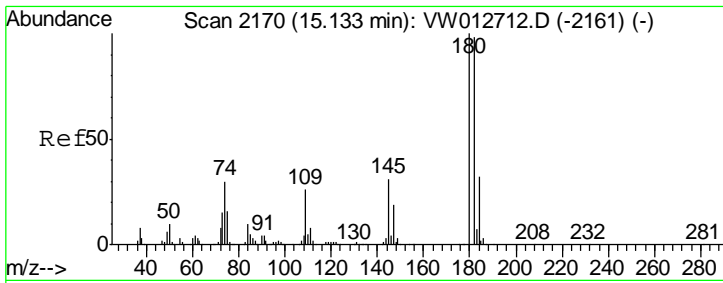
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 9/10/2019 1:01:01 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 9.268 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. 0.01 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
75	3825		
155	75.2	40.6	122.0
157	101.8	52.5	157.5



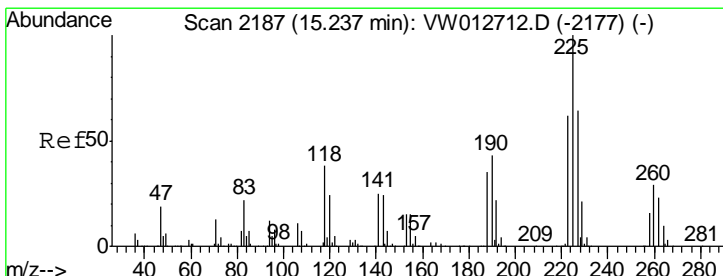
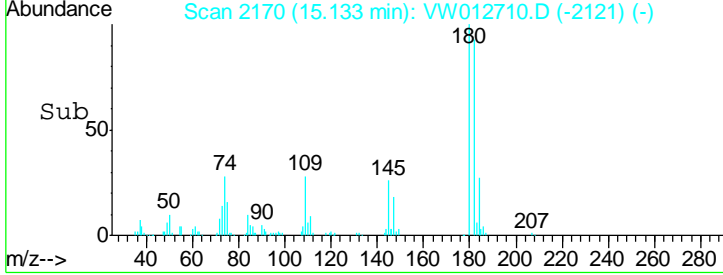
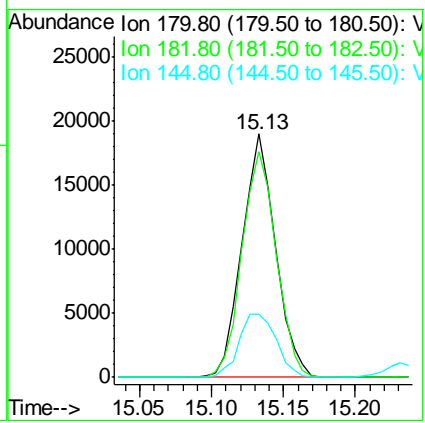
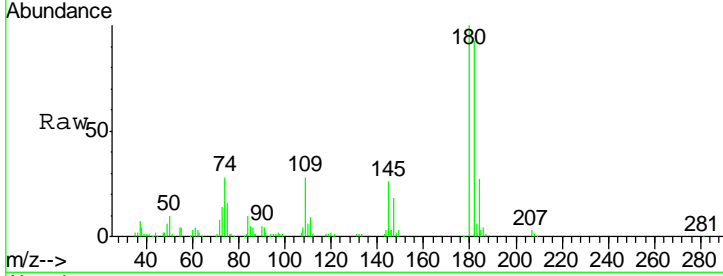


#93  
 1,2,4-Trichlorobenzene  
 Concen: 9.781 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 ClientSampled : VSTDIC010

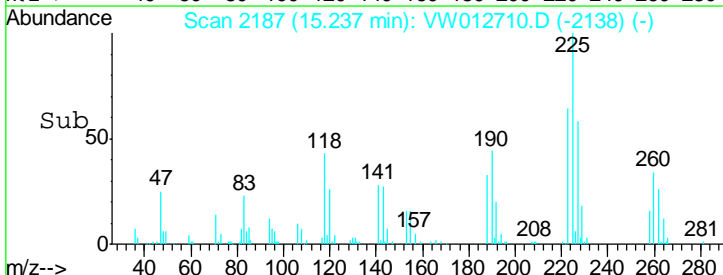
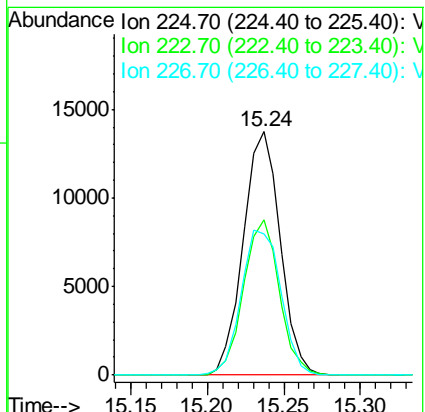
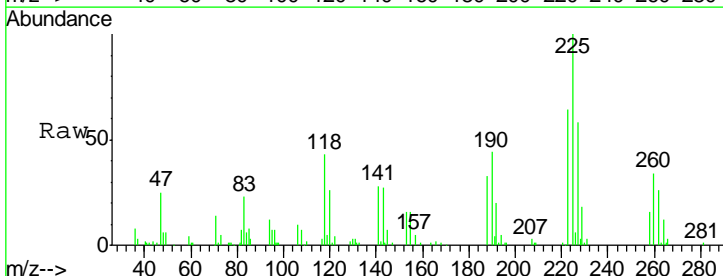
Tgt Ion	Resp	Lower	Upper
180	30651		
182	94.6	48.7	146.1
145	29.0	15.0	45.1

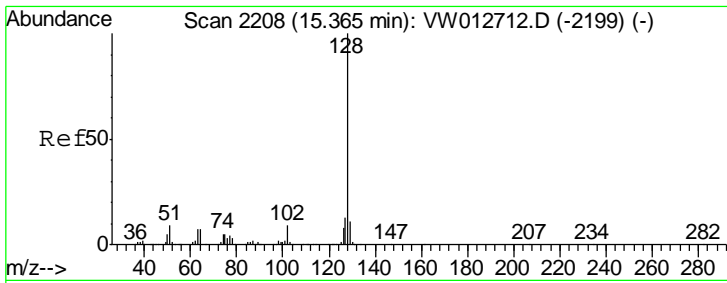
Manual Integrations  
**APPROVED**  
 MMDadoda  
 9/10/2019 1:01:01 PM



#94  
 Hexachlorobutadiene  
 Concen: 10.676 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
225	23156		
223	61.8	31.1	93.3
227	63.7	31.4	94.2





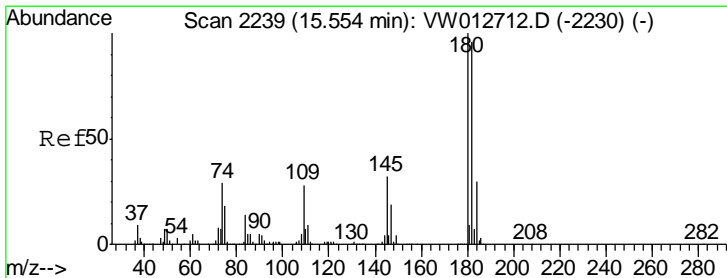
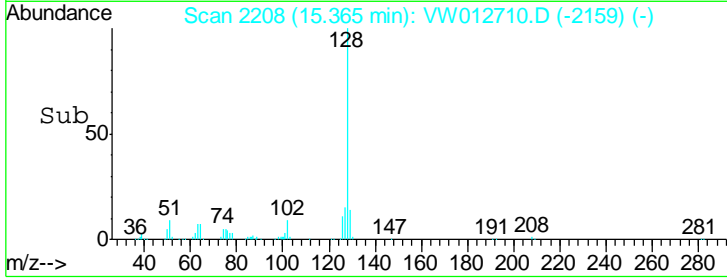
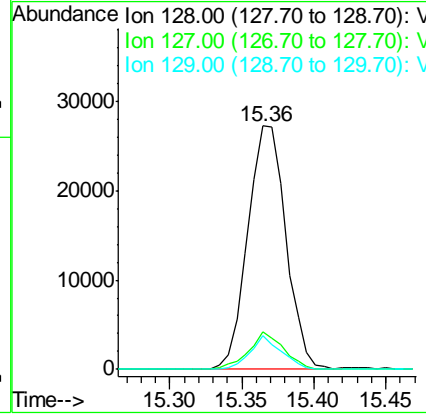
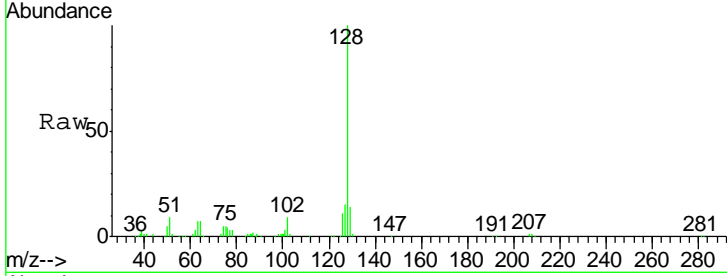
#95  
 Naphthalene  
 Concen: 8.553 ug/l  
 RT: 15.36 min Scan# 2208  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Instrument : MSVOA\_W  
 Client Sampled : VSTDIC010

Tgt Ion	Resp	Lower	Upper
128	100		
127	14.2	10.7	16.1
129	11.2	8.7	13.1

Manual Integrations  
 APPROVED

MMDadoda  
 9/10/2019 1:01:01 PM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 9.827 ug/l  
 RT: 15.55 min Scan# 2239  
 Delta R.T. -0.00 min  
 Lab File: VW012710.D  
 Acq: 07 Sep 2019 10:12

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	30.9	15.4	46.2

