

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\  
 Data File : VW011172.D  
 Acq On : 09 Jul 2019 12:05  
 Operator : SY/VA  
 Sample : VW0709SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0709SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/10/2019 10:47:32 AM

Quant Time: Jul 10 04:49:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W070819S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 09 07:16:01 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158209	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	140170	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.88	113	110900	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.32	98	456031	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.62	95	165326	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	37166	21.975	ug/l	100
3) Chloromethane	2.21	50	47770	21.919	ug/l	99
4) Vinyl Chloride	2.35	62	62797	22.015	ug/l	98
5) Bromomethane	2.76	94	31426	21.925	ug/l	96
6) Chloroethane	2.91	64	32102	20.894	ug/l	99
7) Trichlorofluoromethane	3.25	101	20221	19.955	ug/l	96
8) Diethyl Ether	3.67	74	27854	19.866	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52931	21.807	ug/l	99
10) Methyl Iodide	4.27	142	68522	20.526	ug/l	100
11) Tert butyl alcohol	5.17	59	20126	95.397	ug/l	# 86
12) 1,1-Dichloroethene	4.04	96	53666	21.302	ug/l	92
13) Acrolein	3.89	56	14629	87.080	ug/l	95
14) Allyl chloride	4.65	41	96383	20.980	ug/l	100
15) Acrylonitrile	5.36	53	71305	99.856	ug/l	100
16) Acetone	4.11	43	72523	105.776	ug/l	99
17) Carbon Disulfide	4.38	76	154498	20.229	ug/l	98
18) Methyl Acetate	4.67	43	45197	22.401	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	77734	20.336	ug/l	99
20) Methylene Chloride	4.91	84	60672	22.432	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	55249	21.106	ug/l	95
22) Diisopropyl ether	6.31	45	205094	20.757	ug/l	99
23) Vinyl Acetate	6.25	43	601251	98.325	ug/l	99
24) 1,1-Dichloroethane	6.21	63	108565	20.924	ug/l	99
25) 2-Butanone	7.17	43	106151	98.629	ug/l	99
26) 2,2-Dichloropropane	7.16	77	57640	21.371	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	59019	20.900	ug/l	100
28) Bromochloromethane	7.50	49	47271	20.037	ug/l	# 23
29) Tetrahydrofuran	7.52	42	69408	98.352	ug/l	99
30) Chloroform	7.67	83	99821	20.774	ug/l	99
31) Cyclohexane	7.95	56	115592	20.941	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	76785	21.007	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84791	21.793	ug/l	100
37) Ethyl Acetate	7.24	43	46067	19.706	ug/l	99
38) Carbon Tetrachloride	8.06	117	69581	21.096	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	102328	21.699	ug/l	96
40) Benzene	8.32	78	232378	21.611	ug/l	100
41) Methacrylonitrile	7.48	41	29974	22.419	ug/l	90
42) 1,2-Dichloroethane	8.40	62	74521	21.365	ug/l	100
43) Isopropyl Acetate	8.42	43	88999	20.165	ug/l	99
44) Trichloroethene	9.09	130	55711	21.531	ug/l	97
45) 1,2-Dichloropropane	9.37	63	62131	21.338	ug/l	98
46) Dibromomethane	9.46	93	28438	20.791	ug/l	99
47) Bromodichloromethane	9.64	83	73102	20.888	ug/l	98
48) Methyl methacrylate	9.43	41	42083	19.819	ug/l	98
49) 1,4-Dioxane	9.45	88	9253	405.284	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	231268	100.312	ug/l	100
52) Toluene	10.38	92	141190	21.646	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	74847	20.092	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	90347	20.605	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	40918	21.087	ug/l	97
56) Ethyl methacrylate	10.65	69	59848	20.258	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76689	20.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	127392	93.014	ug/l	99
59) 2-Hexanone	10.97	43	163016	101.958	ug/l	100
60) Dibromochloromethane	11.13	129	43071	20.242	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38194	20.780	ug/l	98
64) Tetrachloroethene	10.86	164	46917	21.428	ug/l	98
65) Chlorobenzene	11.66	112	142055	21.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48143	20.726	ug/l	99
67) Ethyl Benzene	11.73	91	270876	21.449	ug/l	99
68) m/p-Xylenes	11.83	106	196159	42.926	ug/l	97
69) o-Xylene	12.16	106	92380	21.449	ug/l	99
70) Styrene	12.18	104	158315	21.298	ug/l	100
71) Bromoform	12.35	173	23887	19.342	ug/l #	100
73) Isopropylbenzene	12.46	105	256196	21.662	ug/l	100
74) N-amyl acetate	12.27	43	84022	20.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49528	20.430	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34790m	19.029	ug/l	
77) Bromobenzene	12.75	156	57427	21.637	ug/l	96
78) n-propylbenzene	12.80	91	319769	21.949	ug/l	100
79) 2-Chlorotoluene	12.89	91	180385	21.516	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219513	21.848	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15467	19.134	ug/l	98
82) 4-Chlorotoluene	12.99	91	189346	21.684	ug/l	99
83) tert-Butylbenzene	13.21	119	184602	22.030	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	220261	21.832	ug/l	100
85) sec-Butylbenzene	13.38	105	268917	22.241	ug/l	100
86) p-Isopropyltoluene	13.50	119	240684	22.194	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	112438	22.018	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112605	21.898	ug/l	98
89) n-Butylbenzene	13.82	91	244998	22.646	ug/l	100
90) Hexachloroethane	14.10	117	42378	21.384	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	100718	21.741	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8413	19.564	ug/l	96

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 ClientSampleId :  
 VW0709SBS01

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72787	22.811	ug/l	98
94) Hexachlorobutadiene	15.24	225	44195	22.560	ug/l	98
95) Naphthalene	15.37	128	128759	21.057	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	62725	22.273	ug/l	99

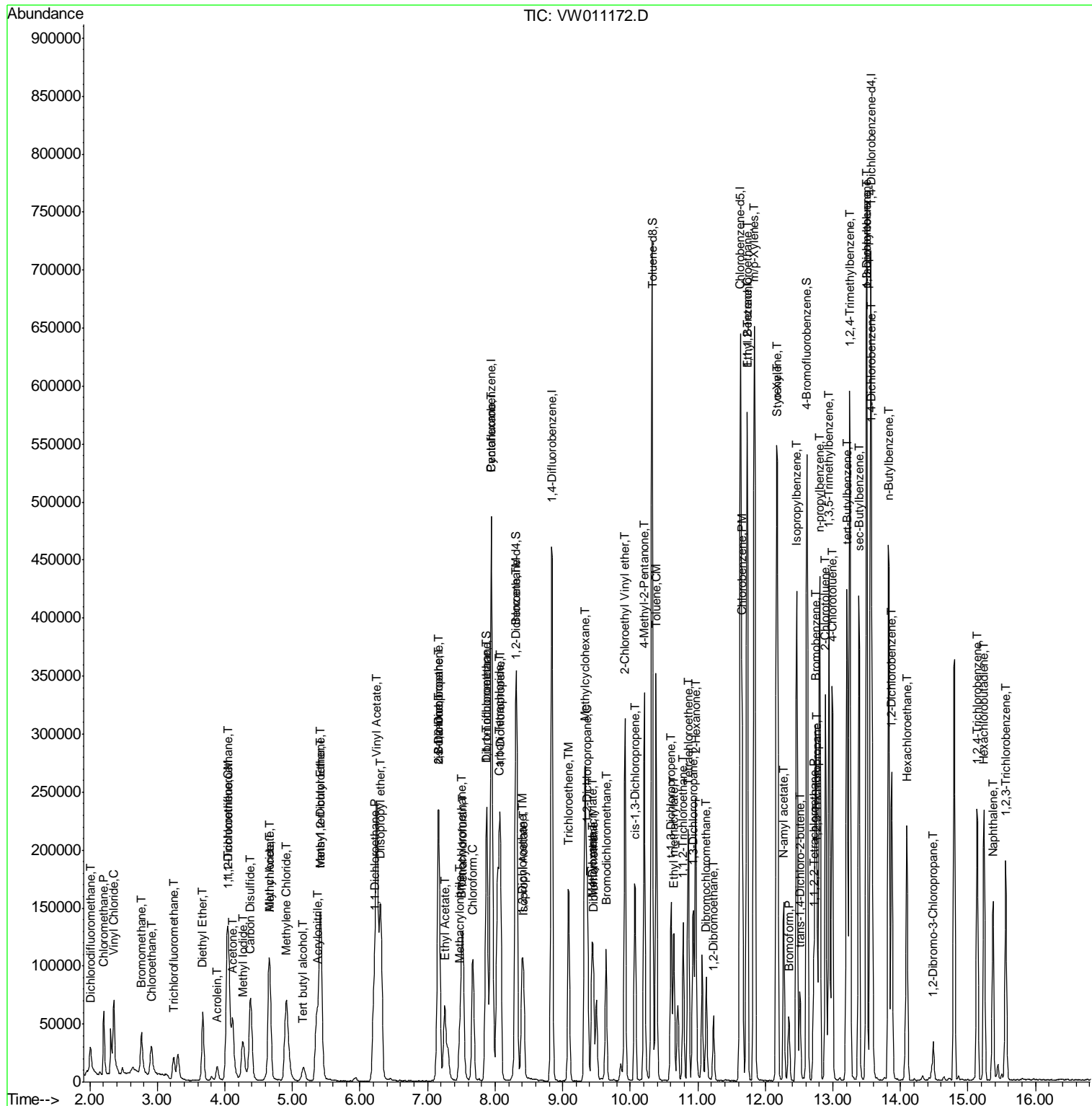
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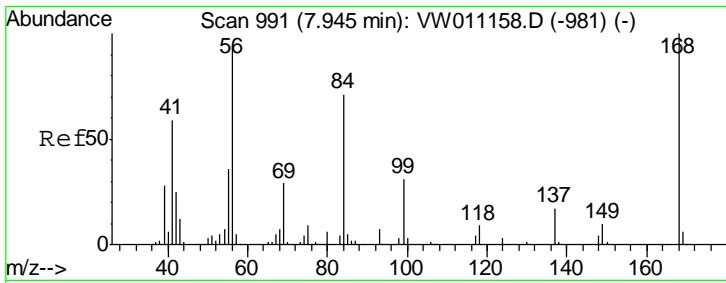
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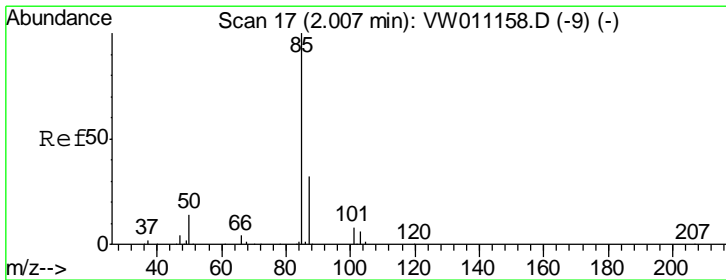
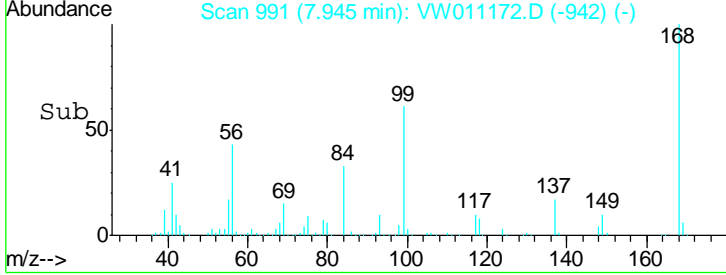
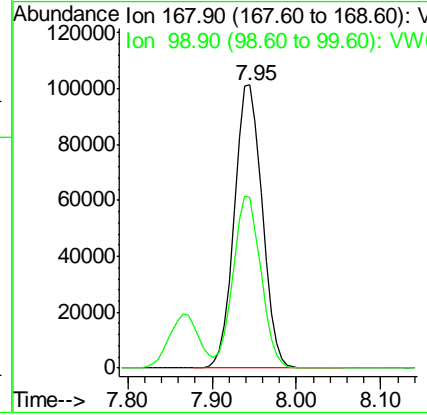
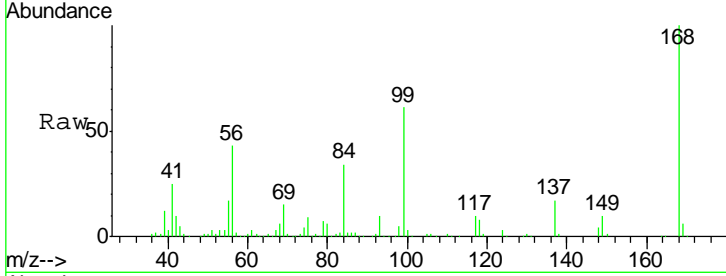
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
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Tgt Ion	Resp	Lower	Upper
168	100		
99	60.5	50.1	75.1

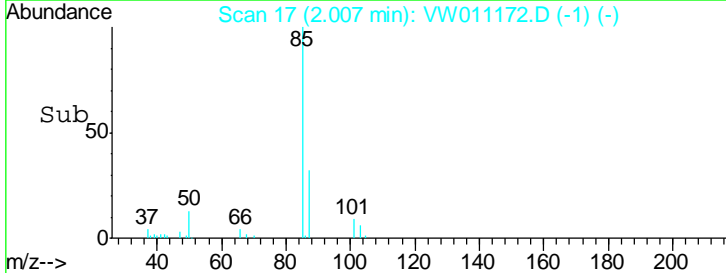
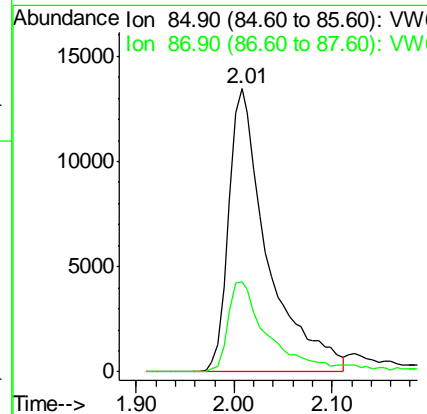
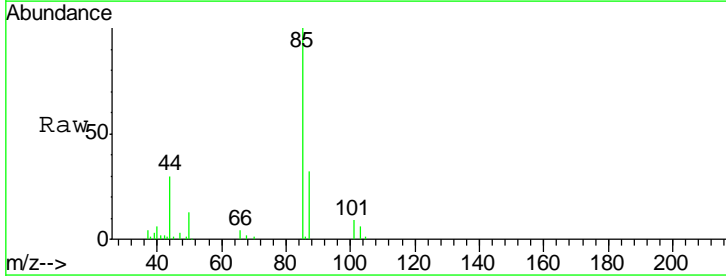
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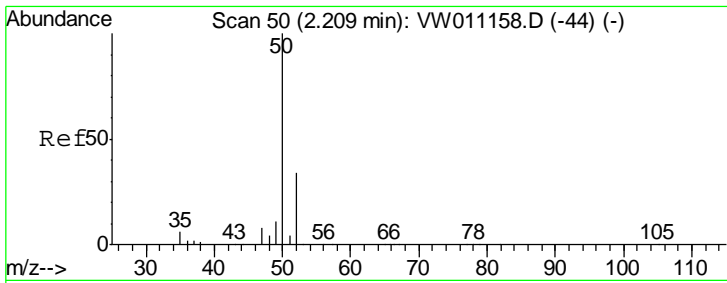
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#2  
 Dichlorodifluoromethane  
 Concen: 21.975 ug/l  
 RT: 2.01 min Scan# 17  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
85	100		
87	31.7	15.9	47.6





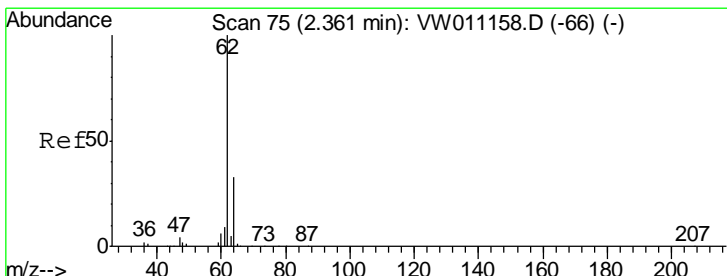
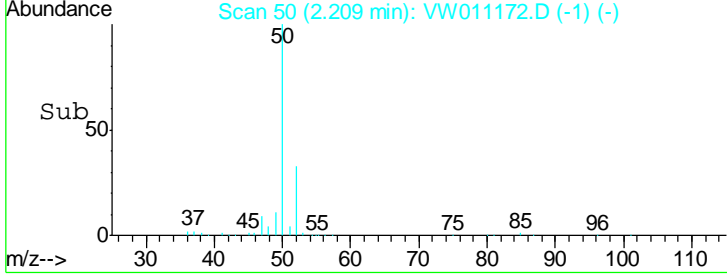
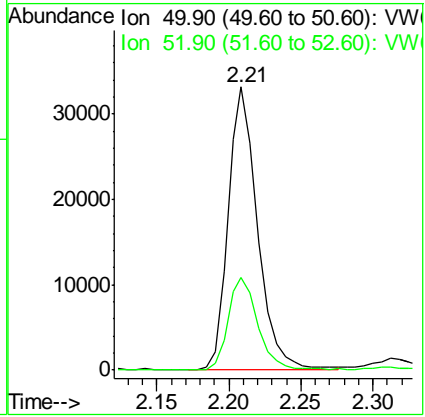
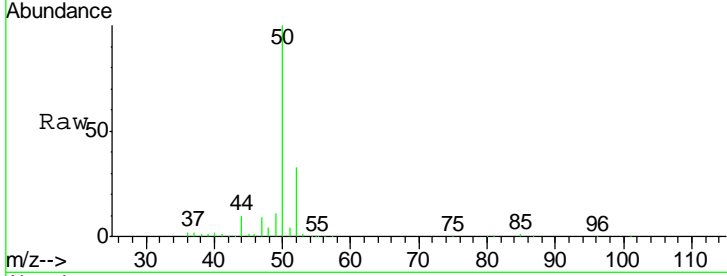
#3  
 Chloromethane  
 Concen: 21.919 ug/l  
 RT: 2.21 min Scan# 50  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
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 VW0709SBS01

Tgt Ion: 50 Resp: 47770

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.9	40.3

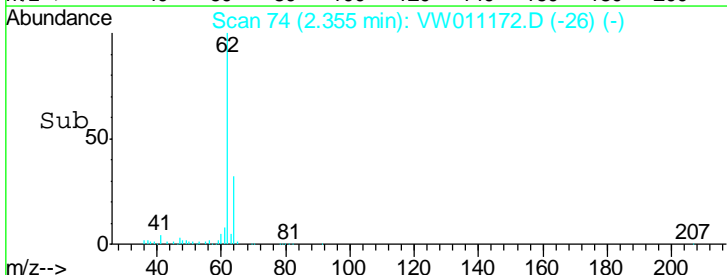
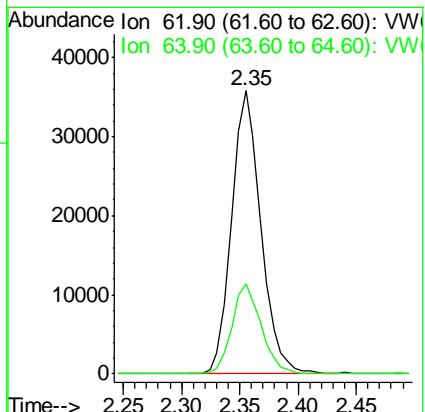
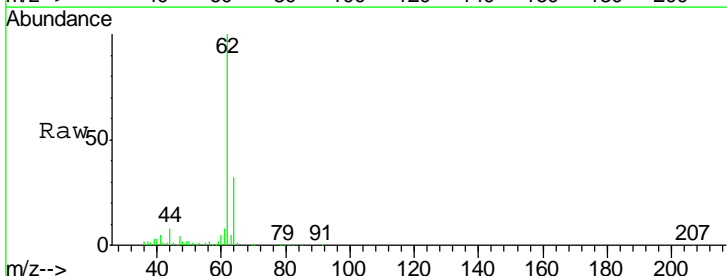
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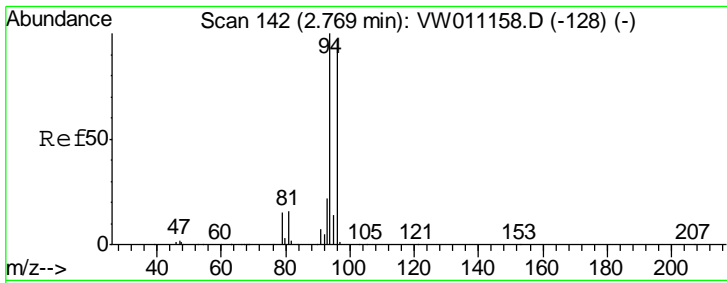


#4  
 Vinyl Chloride  
 Concen: 22.015 ug/l  
 RT: 2.35 min Scan# 74  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion: 62 Resp: 62797

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.6	40.0



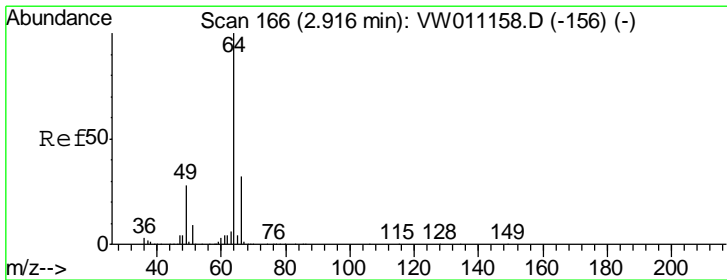
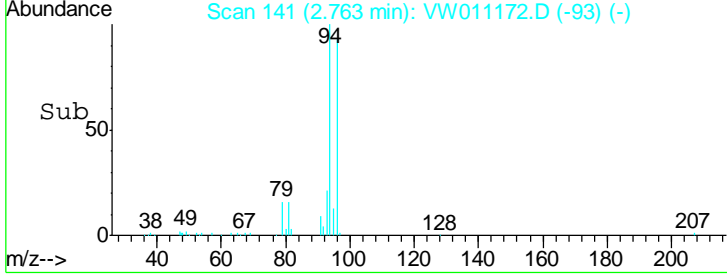
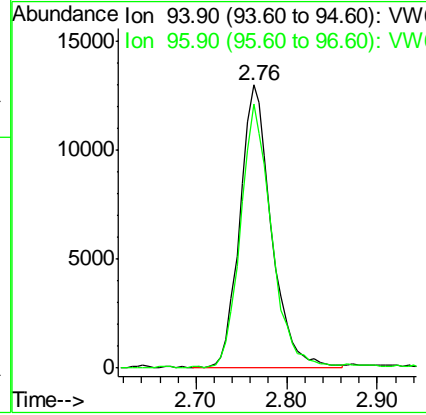
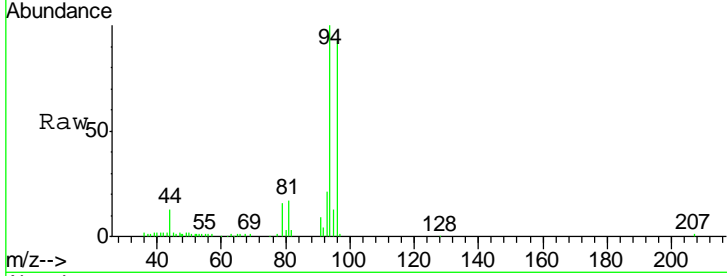


#5  
 Bromomethane  
 Concen: 21.925 ug/l  
 RT: 2.76 min Scan# 141  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

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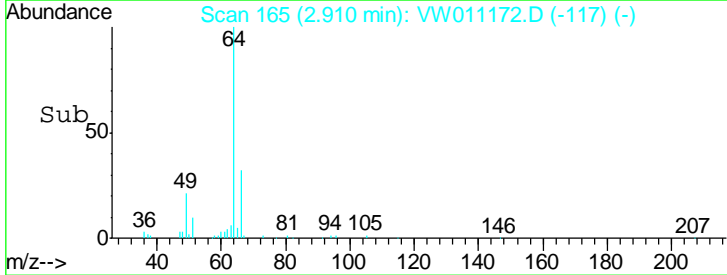
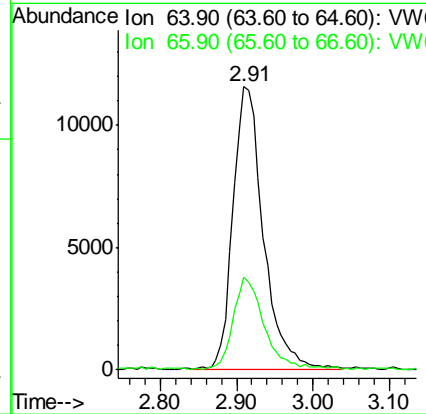
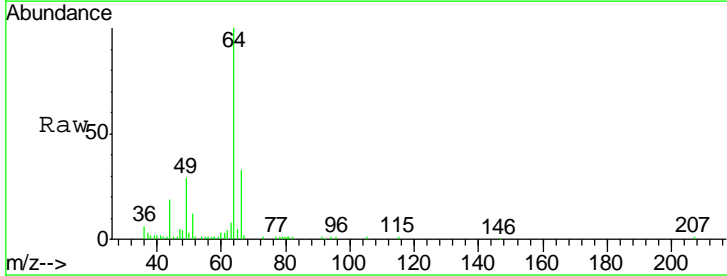
Tgt Ion	Resp	Lower	Upper
94	100		
96	92.7	77.4	116.0

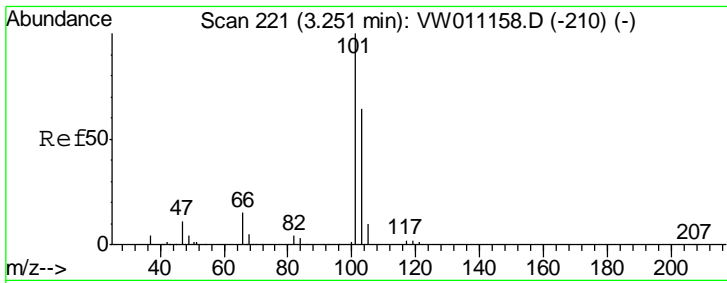
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#6  
 Chloroethane  
 Concen: 20.894 ug/l  
 RT: 2.91 min Scan# 165  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
64	100		
66	32.7	25.8	38.8





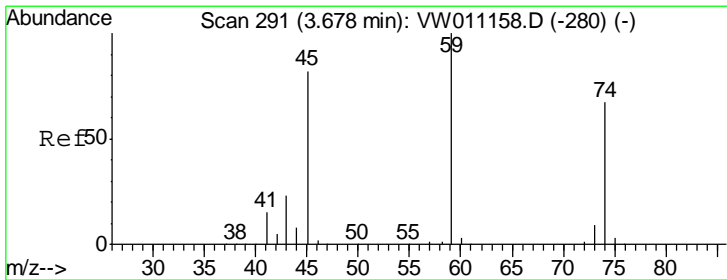
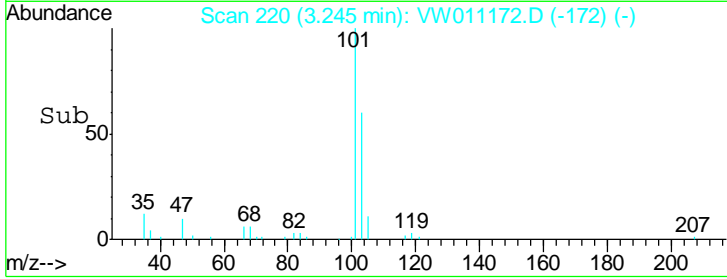
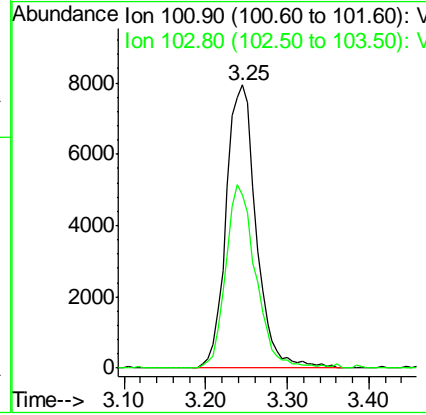
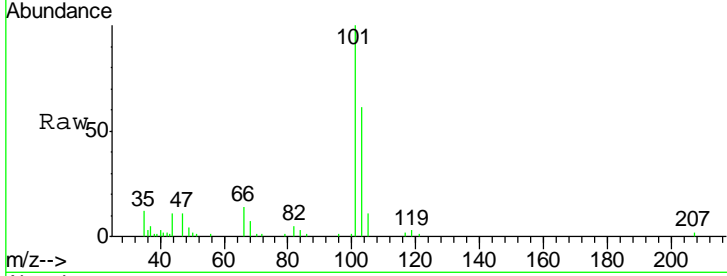
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 Trichlorofluoromethane  
 Concen: 19.955 ug/l  
 RT: 3.25 min Scan# 220  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.2	51.3	76.9

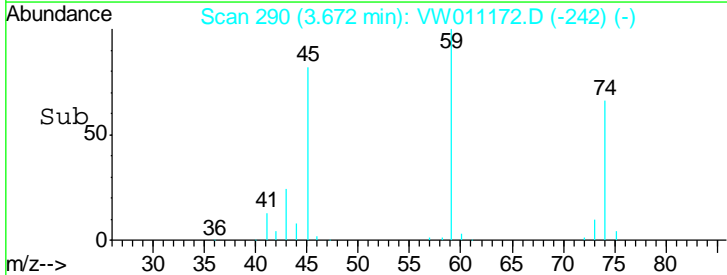
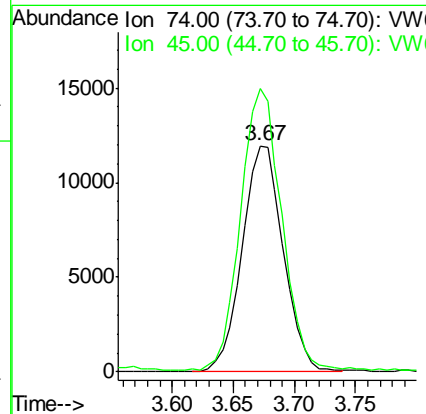
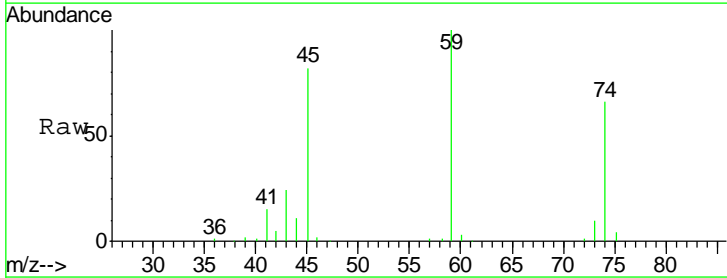
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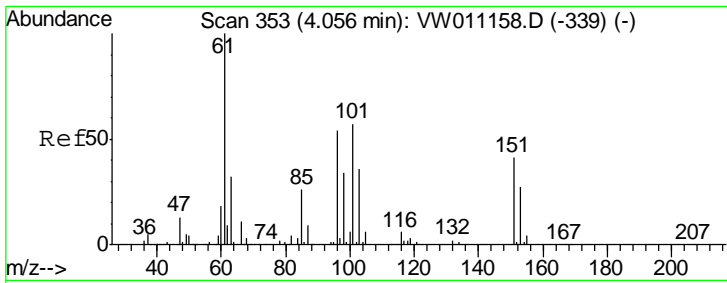


#8  
 Diethyl Ether  
 Concen: 19.866 ug/l  
 RT: 3.67 min Scan# 290  
 Delta R.T. -0.01 min  
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	125.7	59.9	179.7

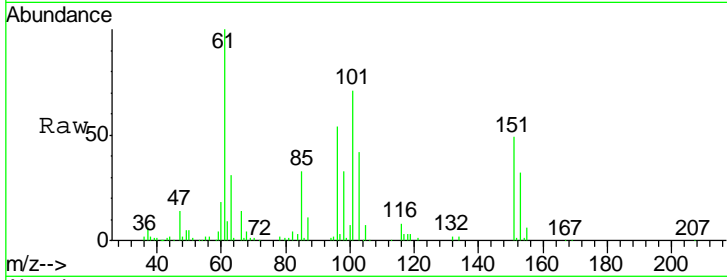






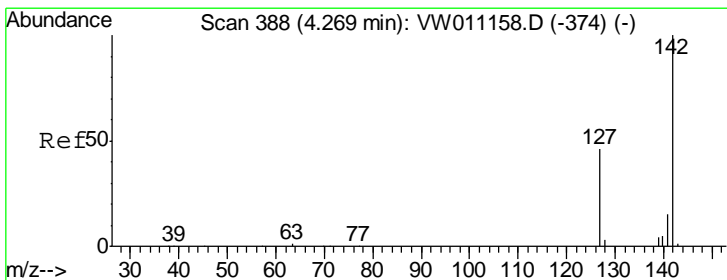
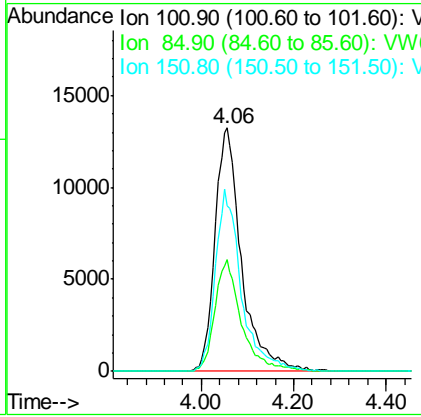
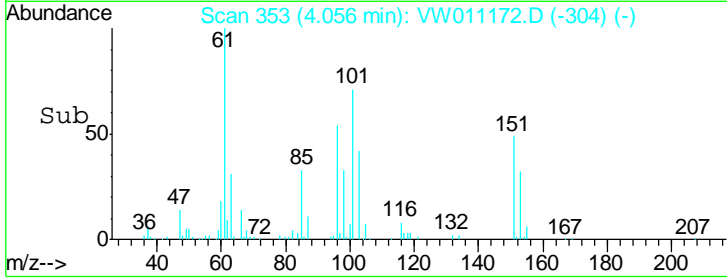
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.807 ug/l  
 RT: 4.06 min Scan# 353  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

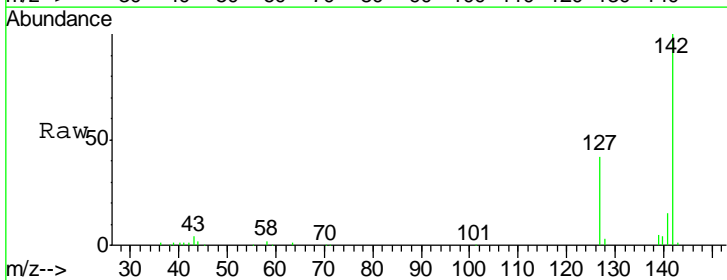


Tgt Ion	Resp	Lower	Upper
101	52931		
101	100		
85	45.4	36.5	54.7
151	72.5	59.1	88.7

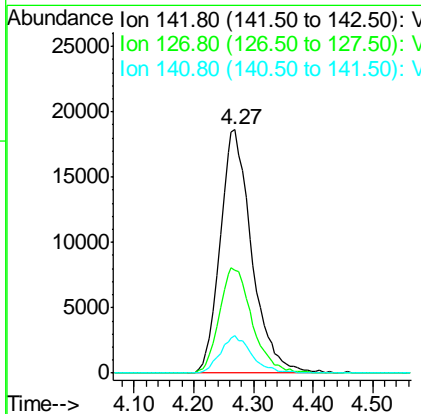
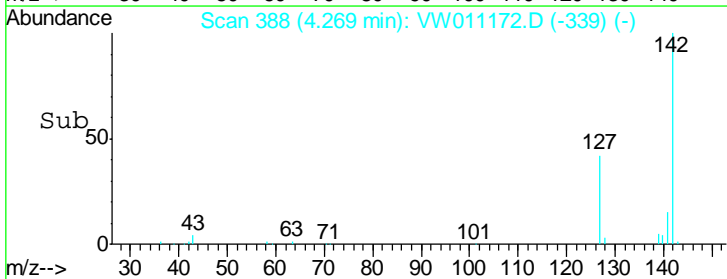
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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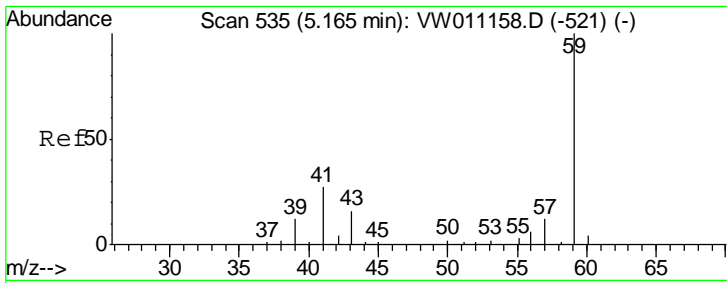


#10  
 Methyl Iodide  
 Concen: 20.526 ug/l  
 RT: 4.27 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05



Tgt Ion	Resp	Lower	Upper
142	68522		
142	100		
127	44.7	35.7	53.5
141	15.1	11.5	17.3



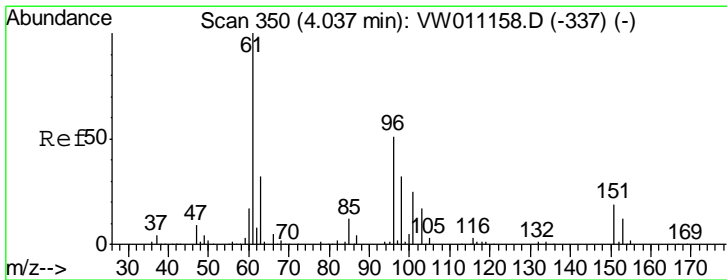
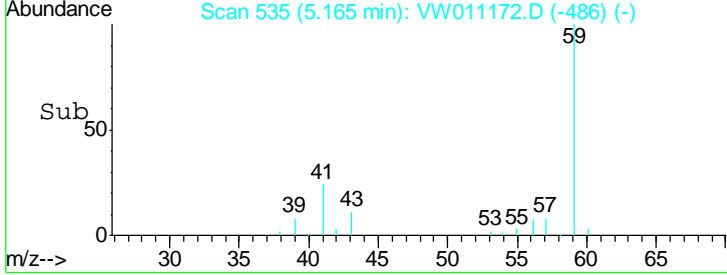
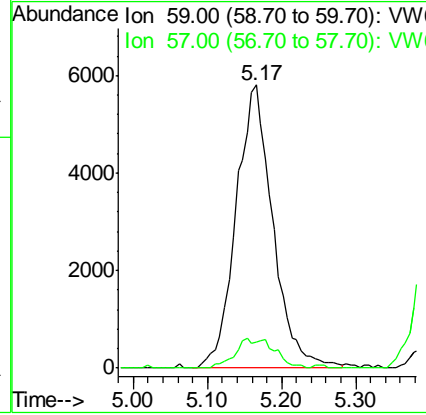
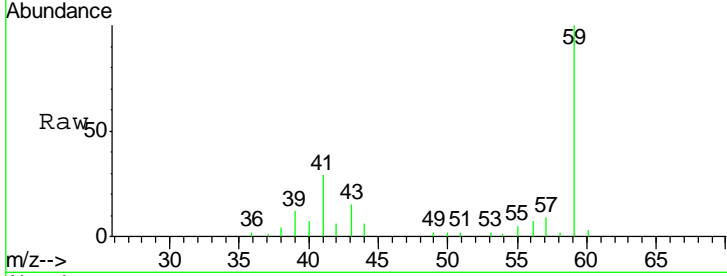


#11  
 Tert butyl alcohol  
 Concen: 95.397 ug/l  
 RT: 5.17 min Scan# 535  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

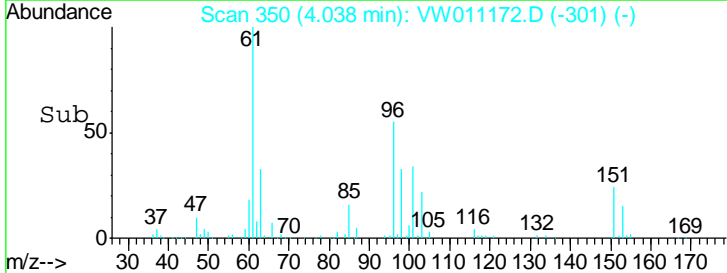
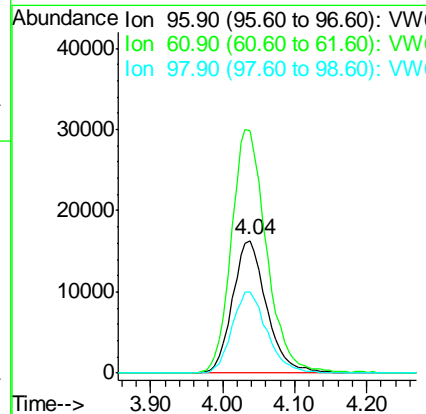
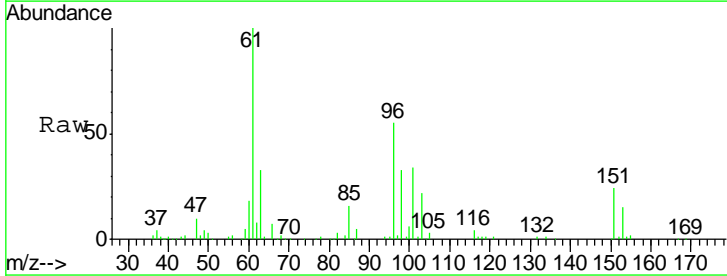
Tgt Ion	Resp	Lower	Upper
59	100		
57	6.1	9.0	13.6#

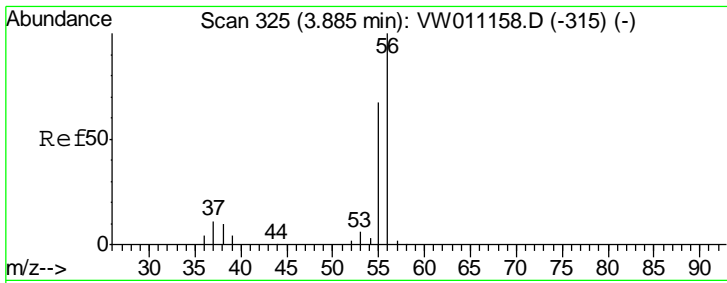
Manual Integrations  
**APPROVED**  
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 7/10/2019 10:47:32 AM



#12  
 1,1-Dichloroethene  
 Concen: 21.302 ug/l  
 RT: 4.04 min Scan# 350  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
96	100		
61	182.7	157.7	236.5
98	61.2	50.9	76.3





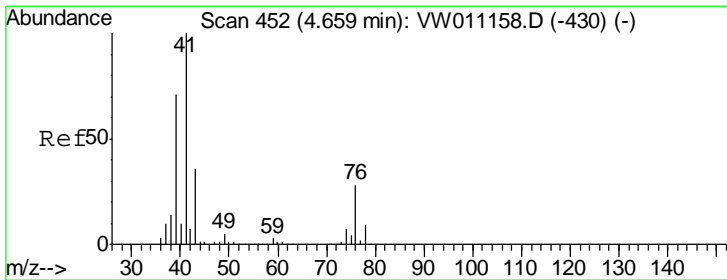
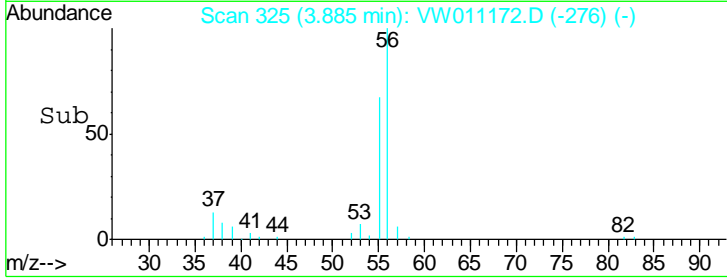
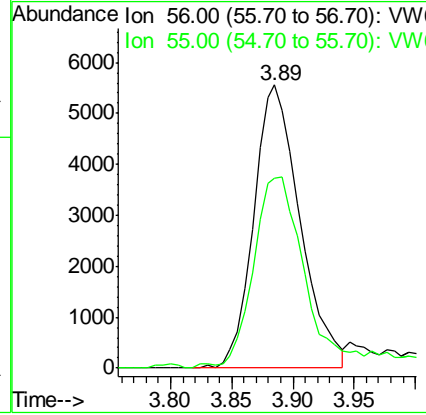
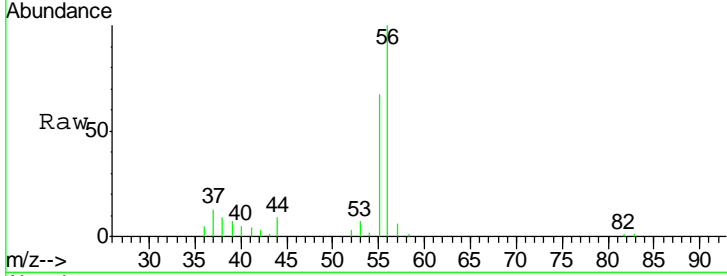
#13  
 Acrolein  
 Concen: 87.080 ug/l  
 RT: 3.89 min Scan# 325  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

Tgt Ion	Resp	Lower	Upper
56	14629		
55	74.4	56.4	84.6

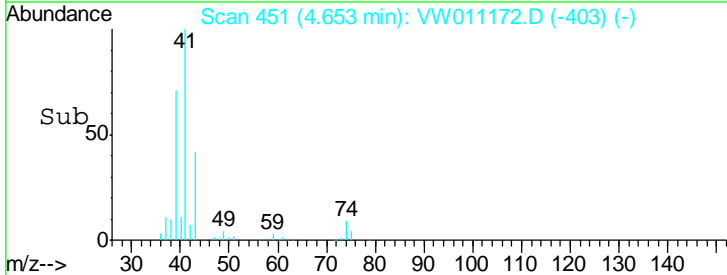
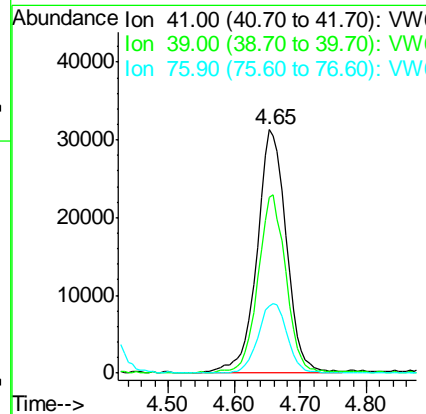
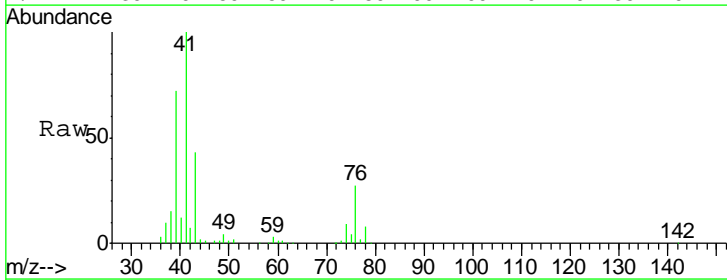
Manual Integrations  
 APPROVED

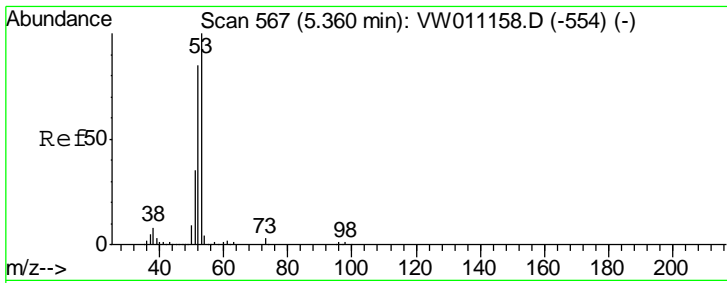
MMDadoda  
 7/10/2019 10:47:32 AM



#14  
 Allyl chloride  
 Concen: 20.980 ug/l  
 RT: 4.65 min Scan# 451  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

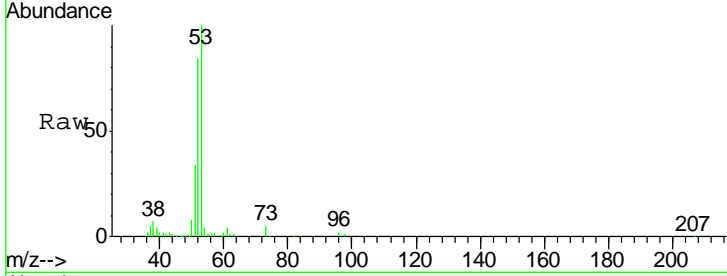
Tgt Ion	Resp	Lower	Upper
41	96383		
39	68.9	55.1	82.7
76	28.3	22.5	33.7





#15  
 Acrylonitrile  
 Concen: 99.856 ug/l  
 RT: 5.36 min Scan# 567  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

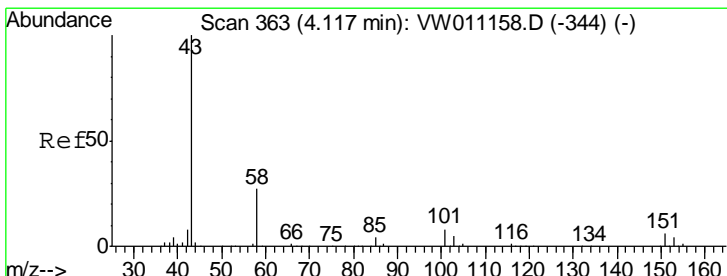
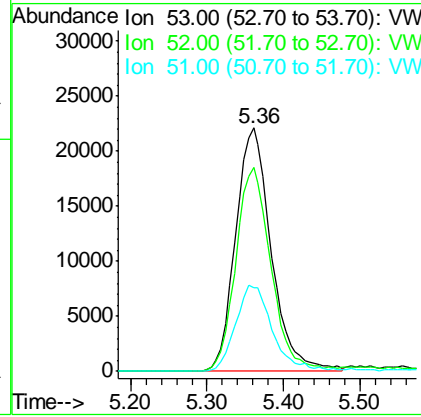
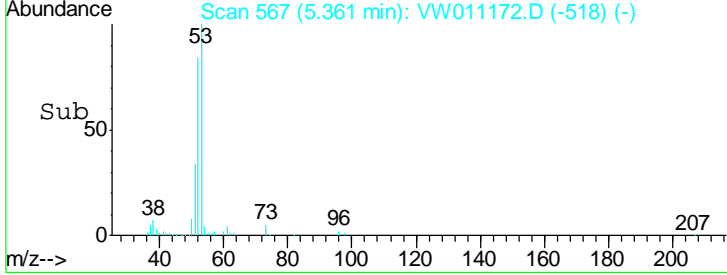
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01



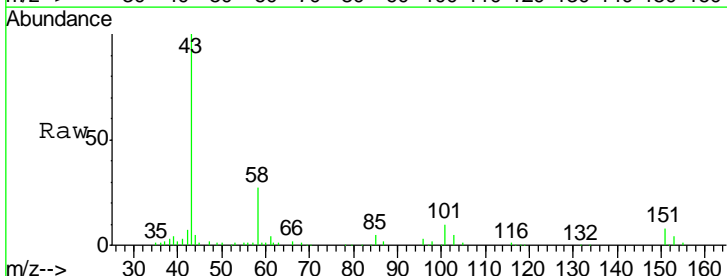
Tgt Ion: 53 Resp: 71305

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.4
51	36.9	29.1	43.7

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**APPROVED**  
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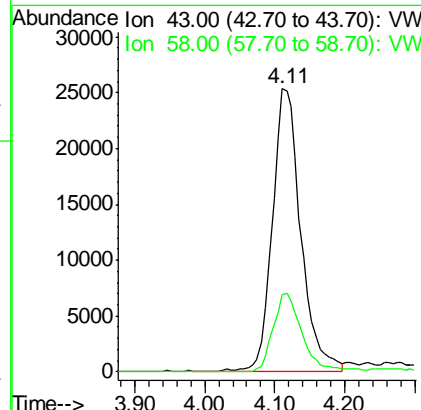
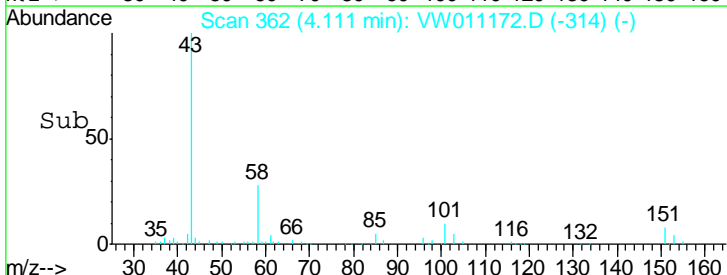


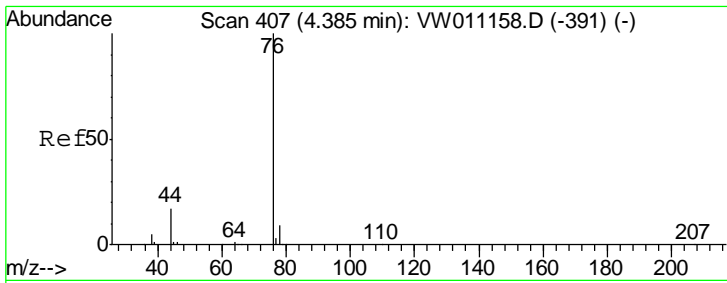
#16  
 Acetone  
 Concen: 105.776 ug/l  
 RT: 4.11 min Scan# 362  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05



Tgt Ion: 43 Resp: 72523

Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.8	32.6





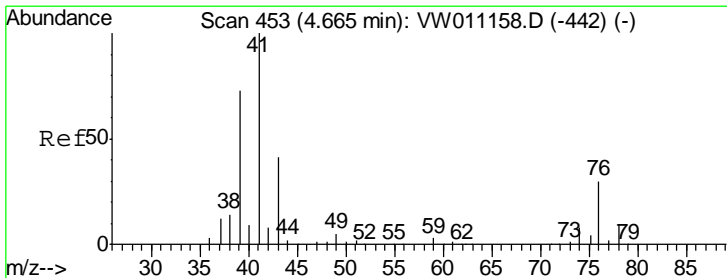
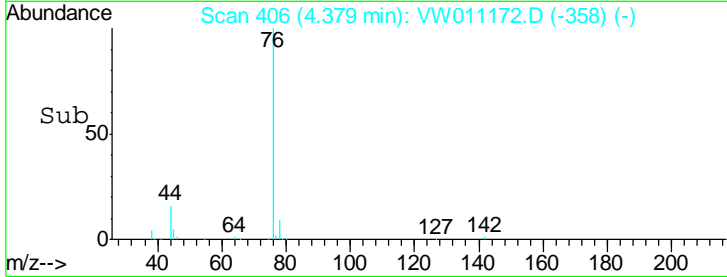
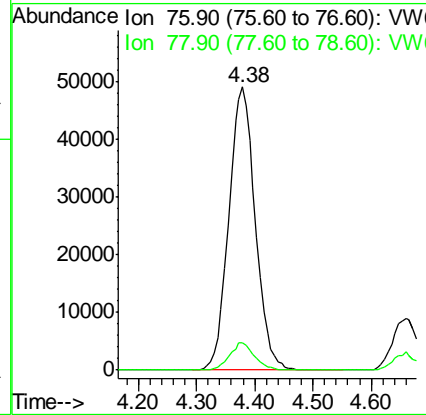
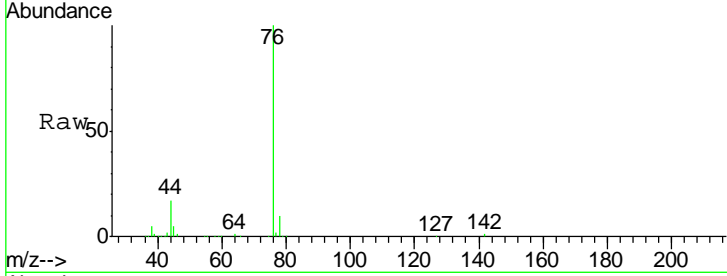
#17  
 Carbon Disulfide  
 Concen: 20.229 ug/l  
 RT: 4.38 min Scan# 406  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

Tgt Ion	Resp	Lower	Upper
76	154498		
76	100		
78	9.5	7.1	10.7

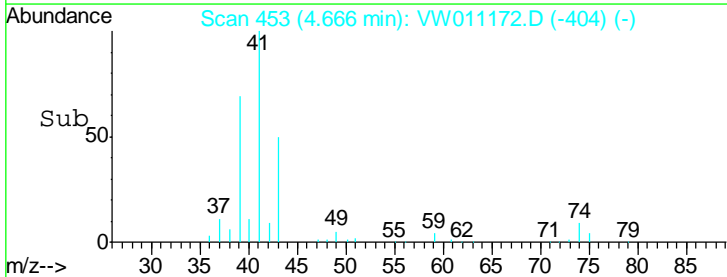
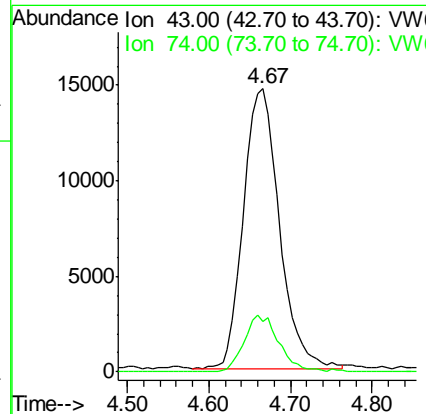
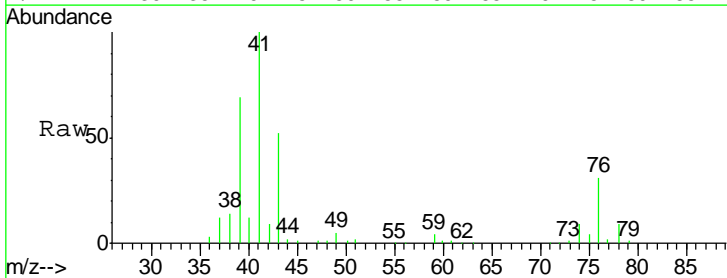
**Manual Integrations**  
**APPROVED**

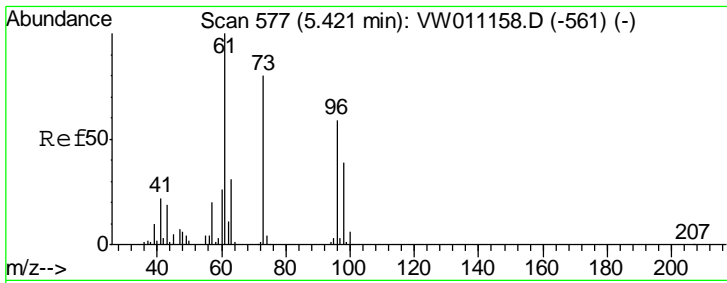
MMDadoda  
 7/10/2019 10:47:32 AM



#18  
 Methyl Acetate  
 Concen: 22.401 ug/l  
 RT: 4.67 min Scan# 453  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
43	45197		
43	100		
74	19.3	15.7	23.5





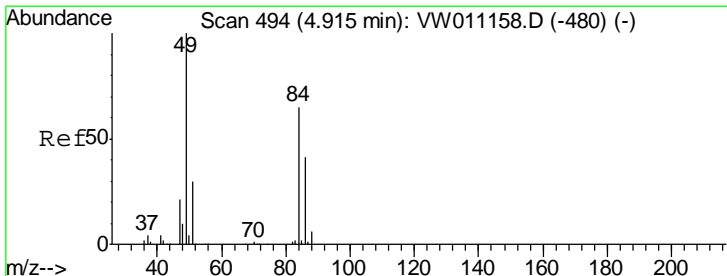
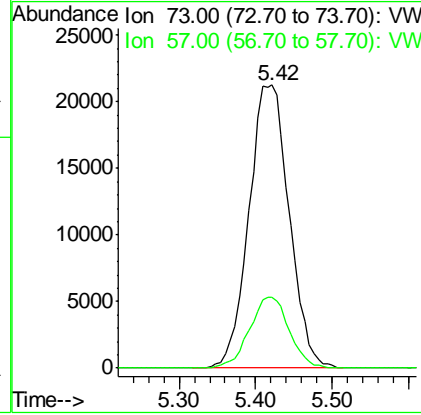
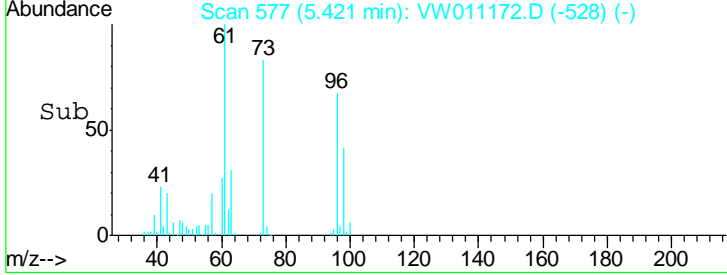
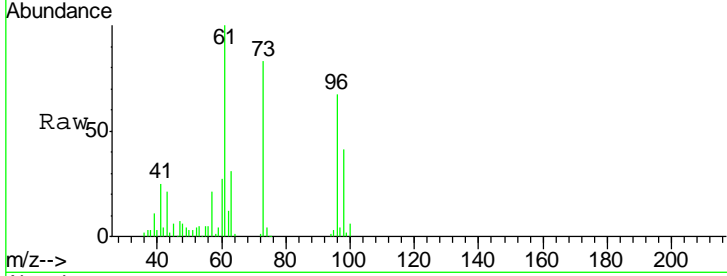
#19  
 Methyl tert-butyl Ether  
 Concen: 20.336 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

Tgt Ion	Resp	Lower	Upper
73	100		
57	25.0	19.7	29.5

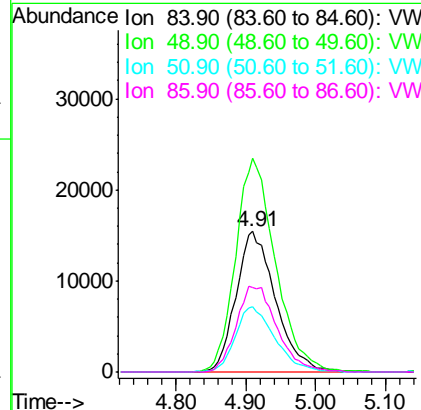
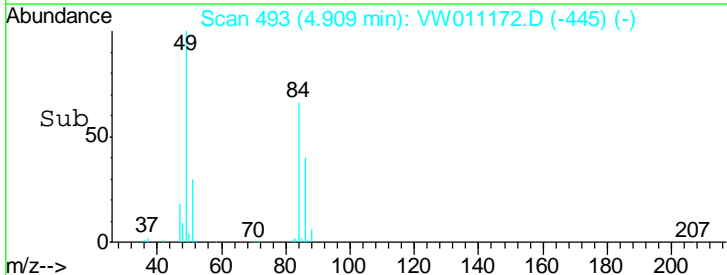
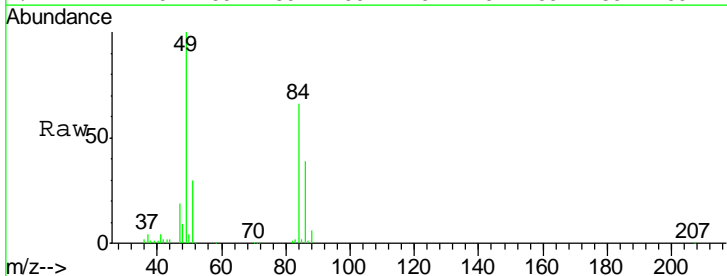
**Manual Integrations**  
**APPROVED**

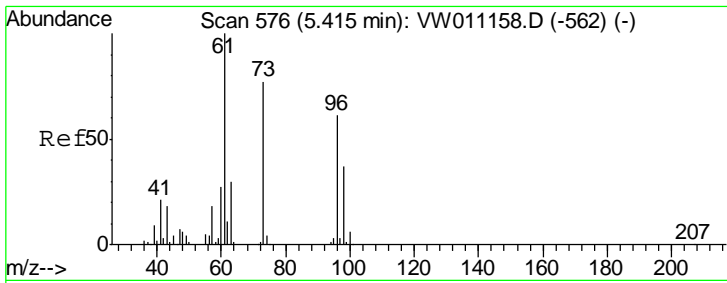
MMDadoda  
 7/10/2019 10:47:32 AM



#20  
 Methylene Chloride  
 Concen: 22.432 ug/l  
 RT: 4.91 min Scan# 493  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

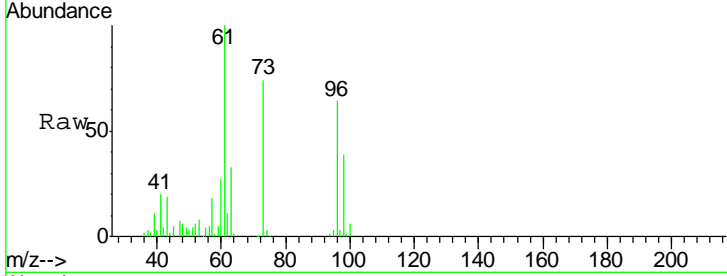
Tgt Ion	Resp	Lower	Upper
84	100		
49	152.0	123.8	185.6
51	46.3	37.4	56.2
86	59.9	51.1	76.7





#21  
 trans-1,2-Dichloroethene  
 Concen: 21.106 ug/l  
 RT: 5.41 min Scan# 575  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

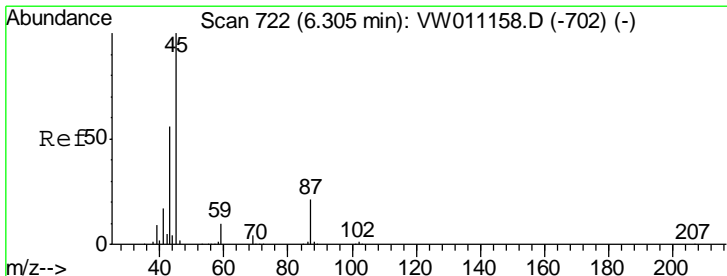
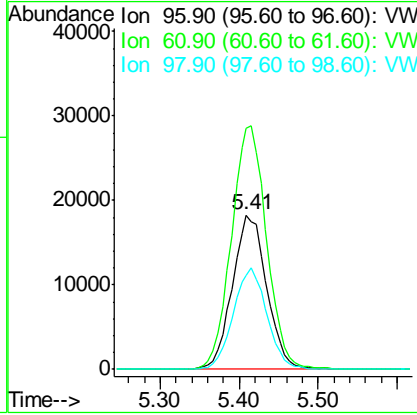
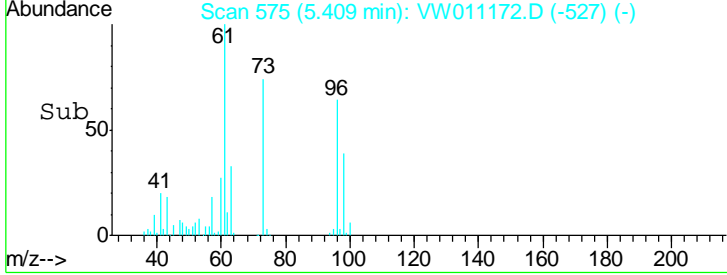
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01



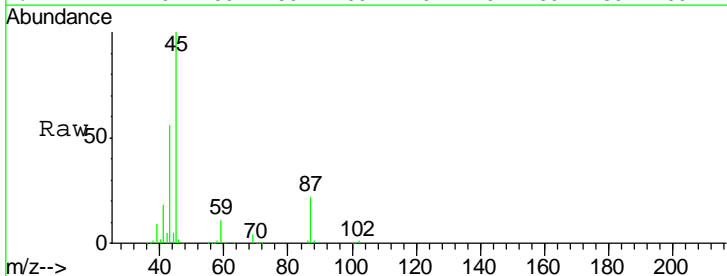
Tgt Ion: 96 Resp: 55249

Ion	Ratio	Lower	Upper
96	100		
61	156.3	132.2	198.2
98	61.0	49.4	74.0

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 7/10/2019 10:47:32 AM

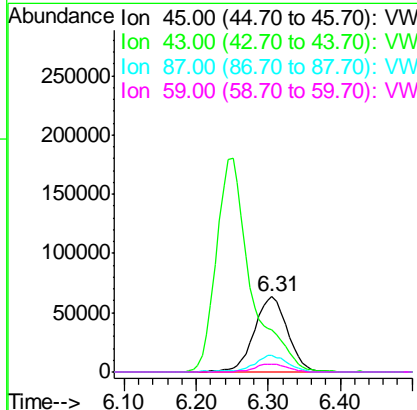
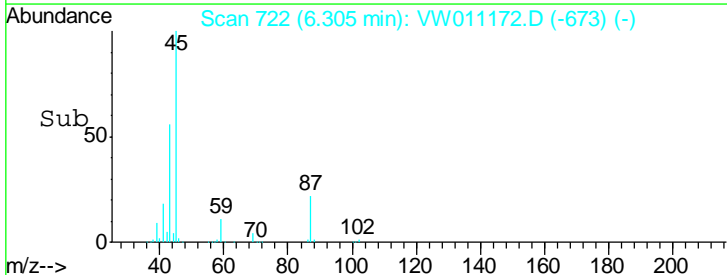


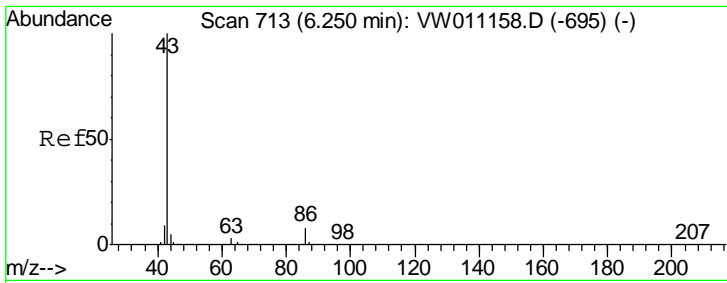
#22  
 Diisopropyl ether  
 Concen: 20.757 ug/l  
 RT: 6.31 min Scan# 722  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05



Tgt Ion: 45 Resp: 205094

Ion	Ratio	Lower	Upper
45	100		
43	54.9	44.6	66.8
87	22.1	17.3	25.9
59	10.5	8.2	12.2



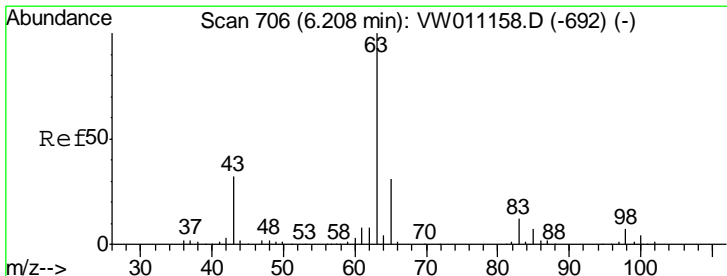
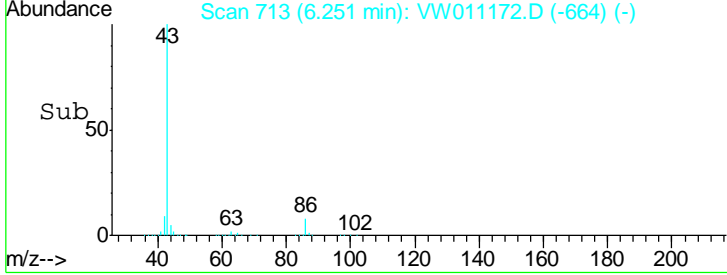
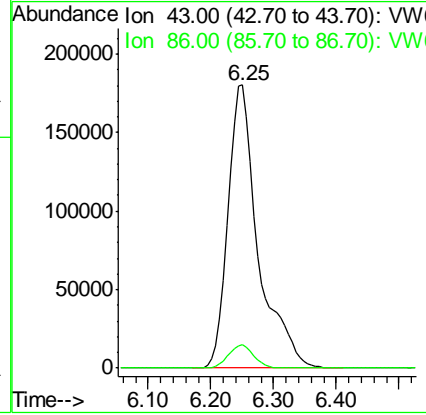
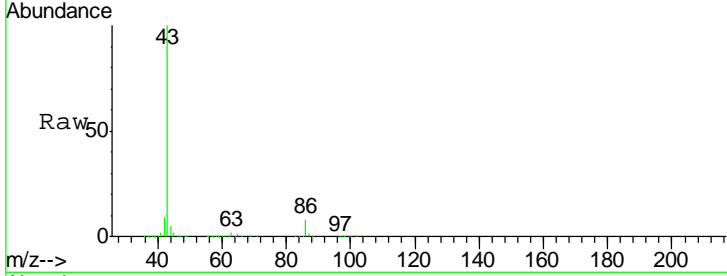


#23  
 Vinyl Acetate  
 Concen: 98.325 ug/l  
 RT: 6.25 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

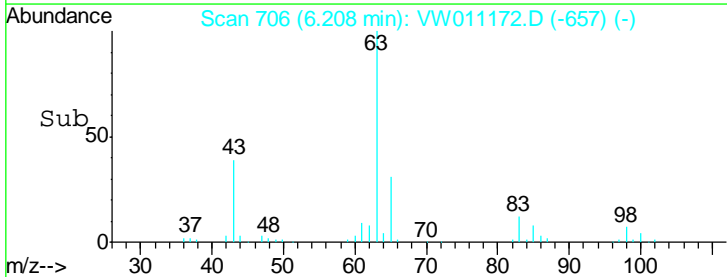
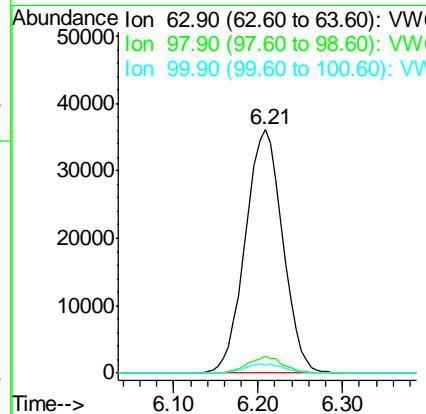
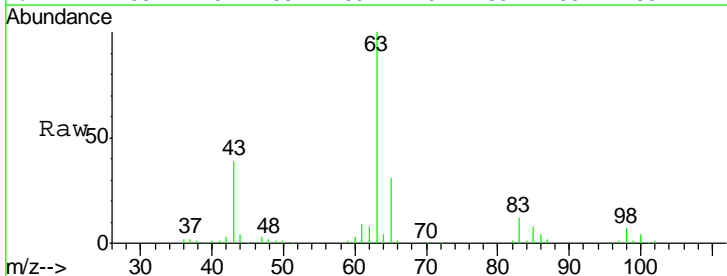
Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.5	9.7

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/10/2019 10:47:32 AM

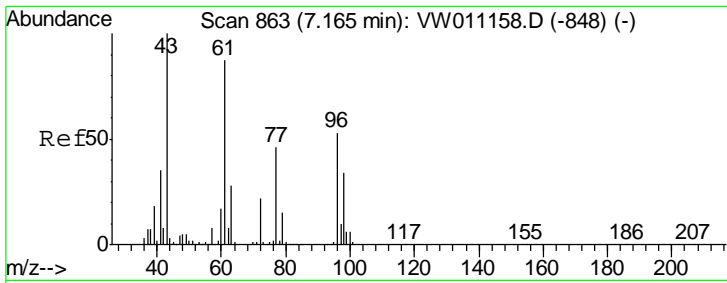


#24  
 1,1-Dichloroethane  
 Concen: 20.924 ug/l  
 RT: 6.21 min Scan# 706  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.9
100	3.6	2.1	6.2







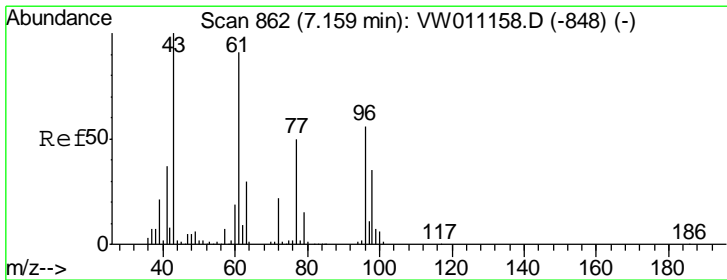
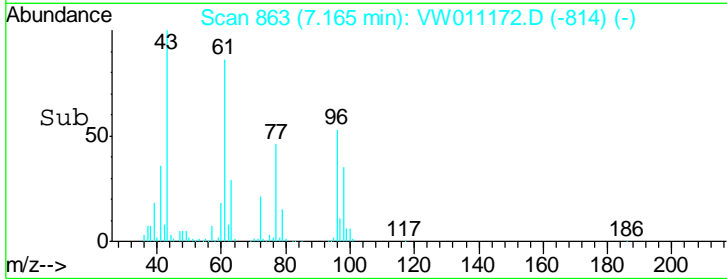
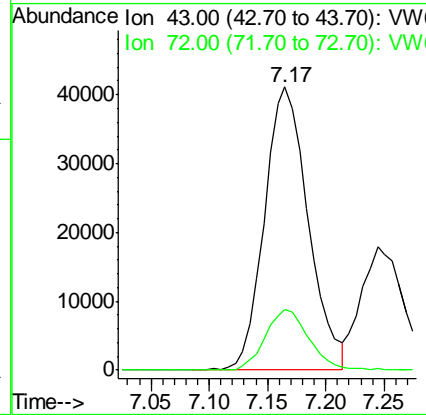
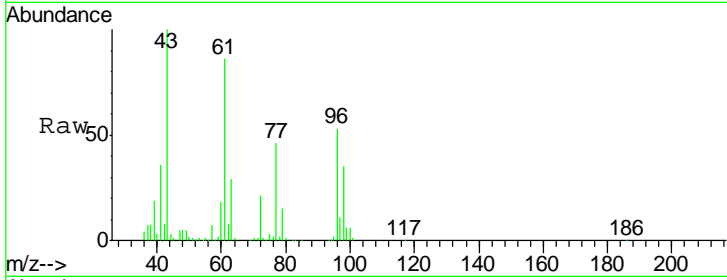
#25  
 2-Butanone  
 Concen: 98.629 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0709SBS01

Tgt Ion: 43 Resp: 106151  
 Ion Ratio Lower Upper  
 43 100  
 72 21.4 17.6 26.4

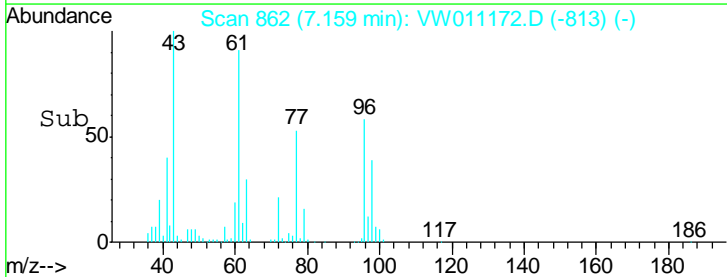
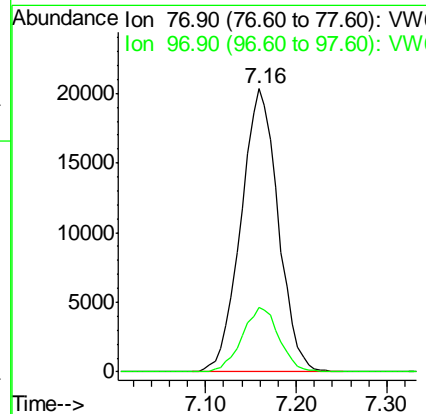
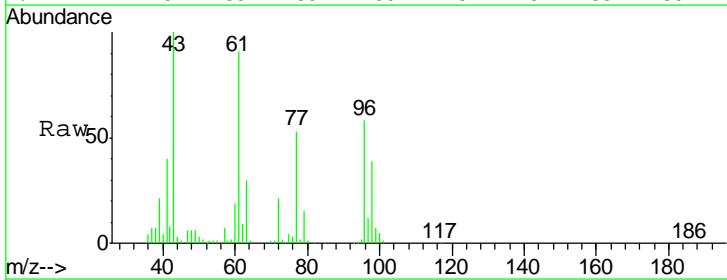
Manual Integrations  
 APPROVED

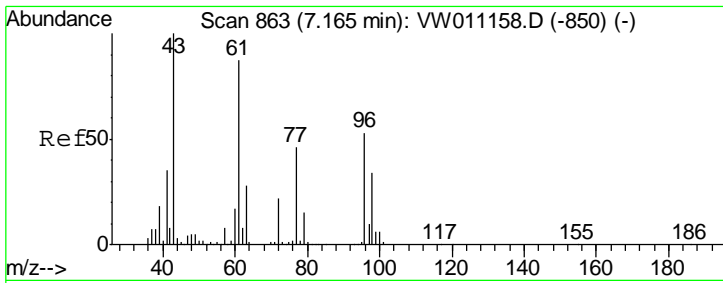
MMDadoda  
 7/10/2019 10:47:32 AM



#26  
 2,2-Dichloropropane  
 Concen: 21.371 ug/l  
 RT: 7.16 min Scan# 862  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion: 77 Resp: 57640  
 Ion Ratio Lower Upper  
 77 100  
 97 22.5 11.2 33.5



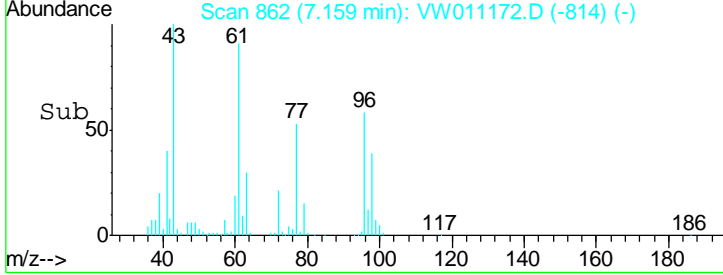
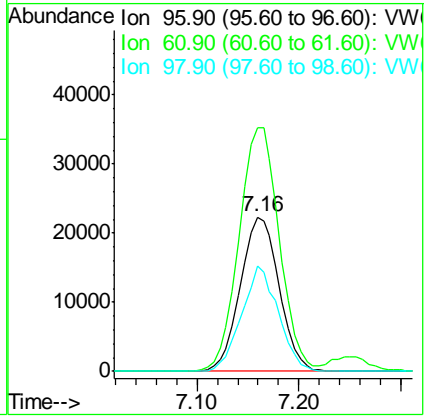
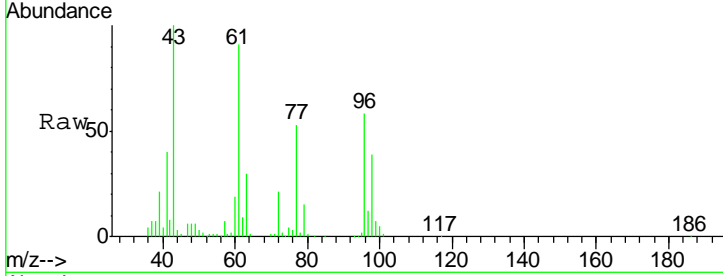


#27  
 cis-1,2-Dichloroethene  
 Concen: 20.900 ug/l  
 RT: 7.16 min Scan# 862  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

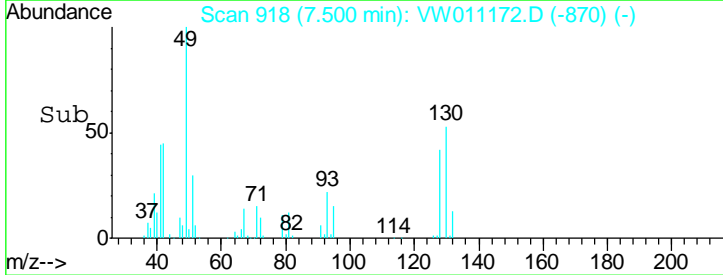
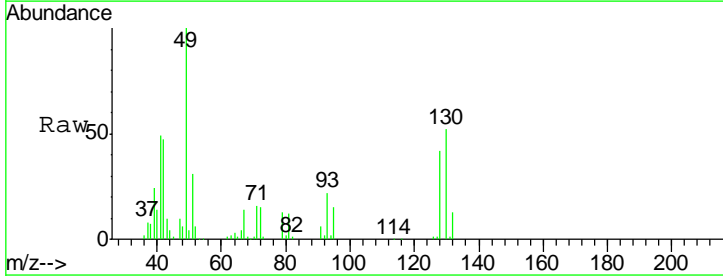
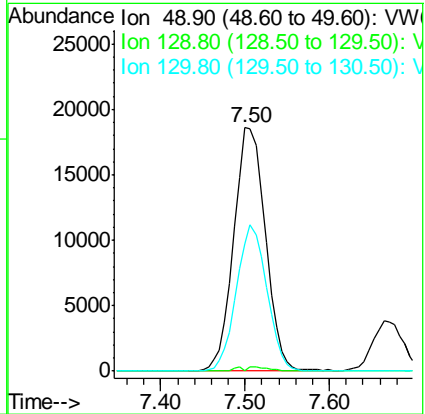
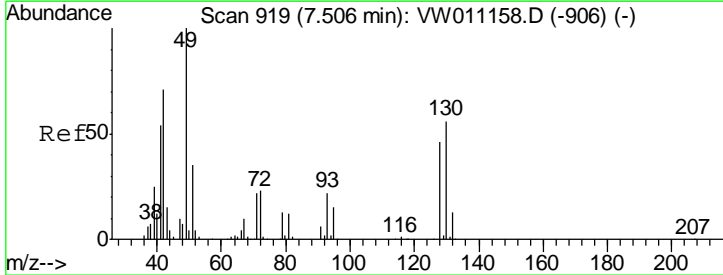
Tgt Ion	Resp	Lower	Upper
96	59019		
96	100		
61	163.4	0.0	325.6
98	64.4	0.0	128.2

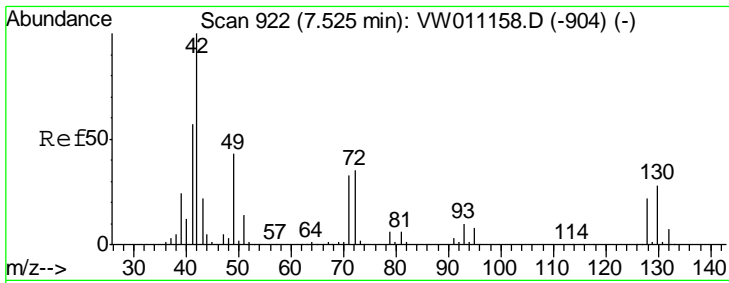
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/10/2019 10:47:32 AM



#28  
 Bromochloromethane  
 Concen: 20.037 ug/l  
 RT: 7.50 min Scan# 918  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
49	47271		
49	100		
129	0.4	0.0	1.4
130	0.0	45.8	68.8#





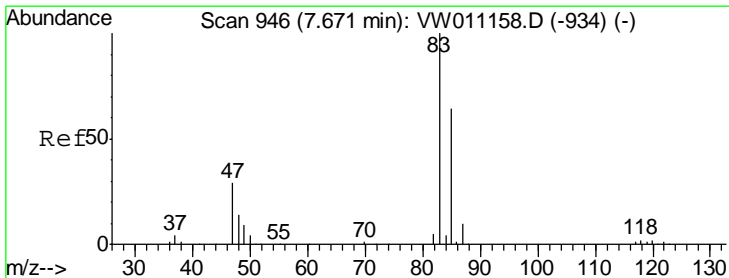
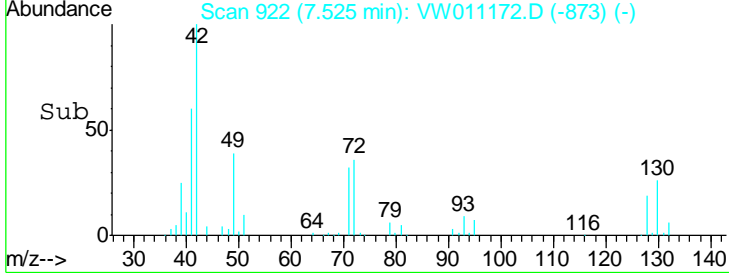
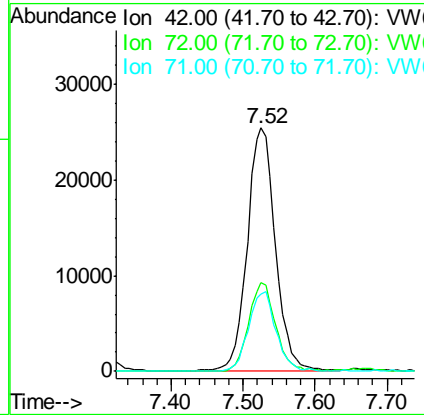
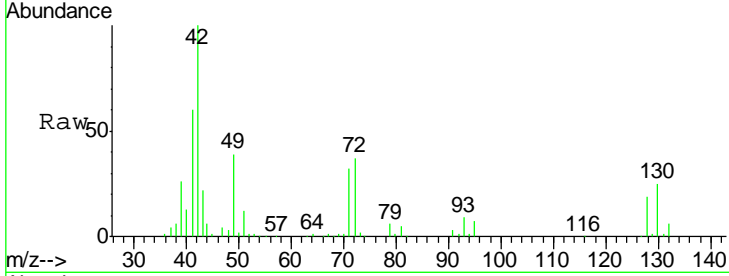
#29  
 Tetrahydrofuran  
 Concen: 98.352 ug/l  
 RT: 7.52 min Scan# 922  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

Tgt Ion	Resp	Lower	Upper
42	100		
72	34.8	27.4	41.2
71	31.8	25.9	38.9

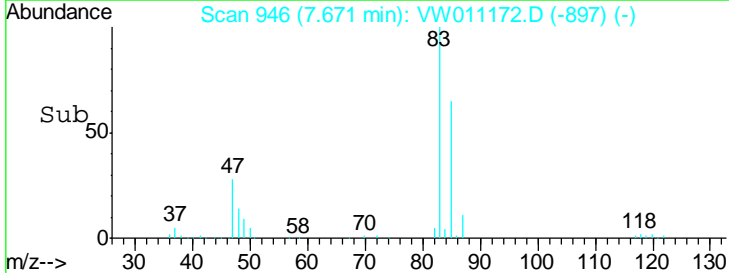
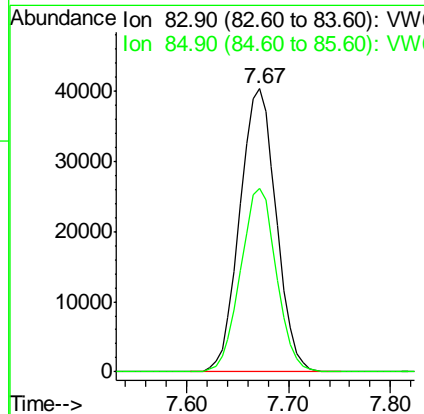
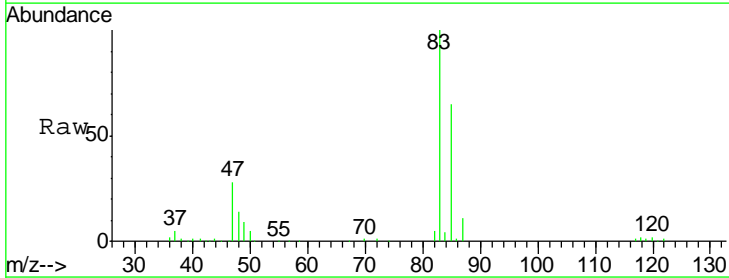
Manual Integrations  
 APPROVED

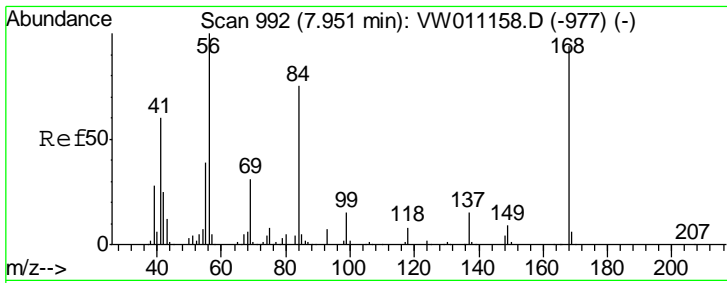
MMDadoda  
 7/10/2019 10:47:32 AM



#30  
 Chloroform  
 Concen: 20.774 ug/l  
 RT: 7.67 min Scan# 946  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.7	51.4	77.2



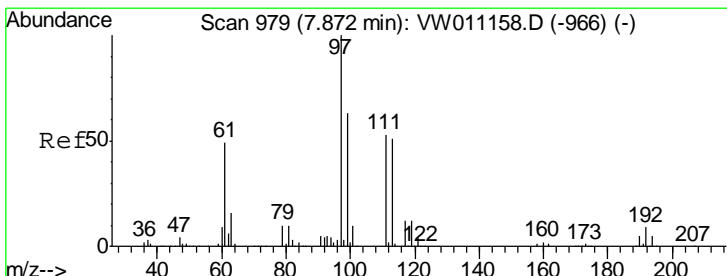
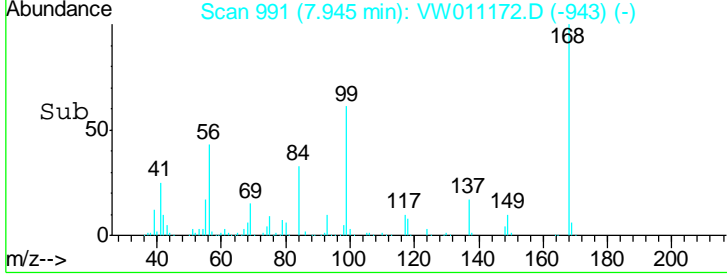
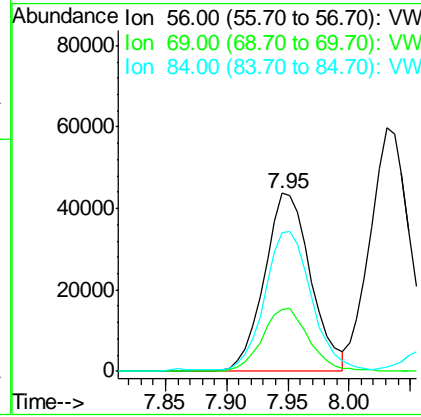
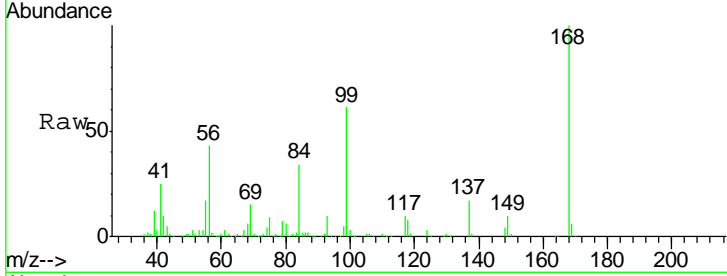


#31  
 Cyclohexane  
 Concen: 20.941 ug/l  
 RT: 7.95 min Scan# 991  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

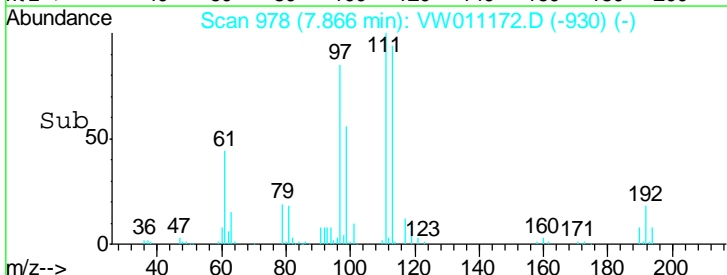
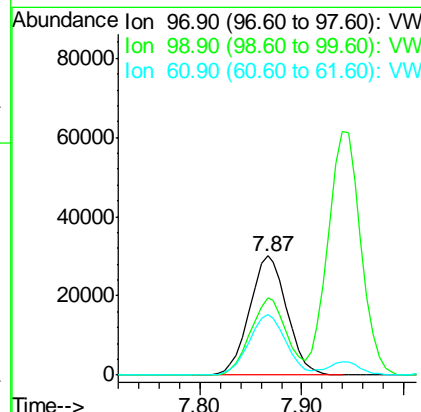
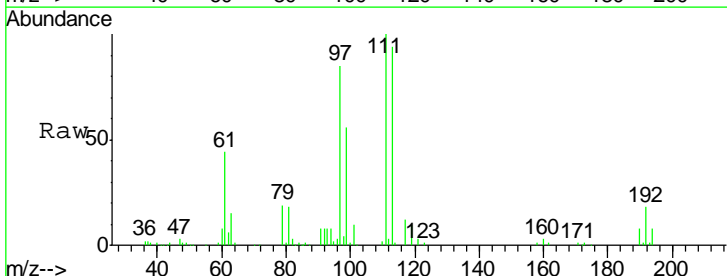
Tgt Ion	Resp	Lower	Upper
56	11592		
56	100		
69	34.8	24.6	36.8
84	77.1	60.1	90.1

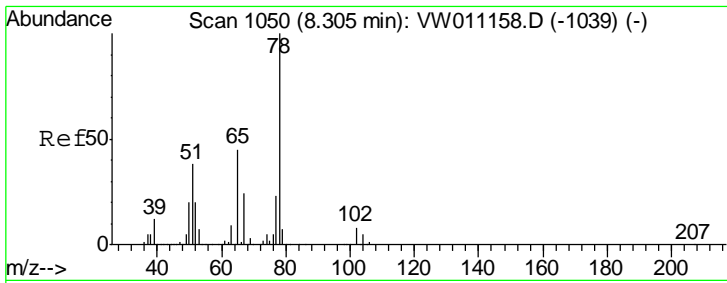
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/10/2019 10:47:32 AM



#32  
 1,1,1-Trichloroethane  
 Concen: 21.007 ug/l  
 RT: 7.87 min Scan# 978  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
97	76785		
97	100		
99	63.1	51.0	76.4
61	50.1	40.4	60.6



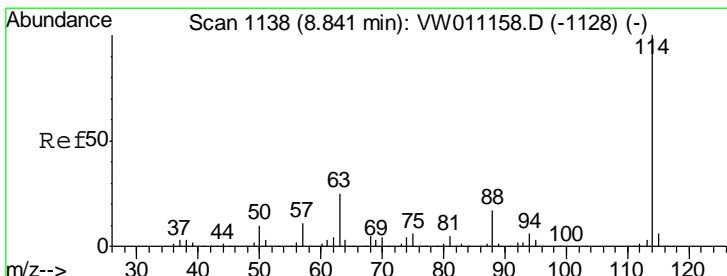
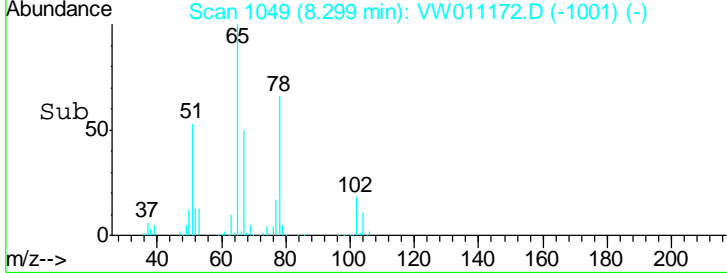
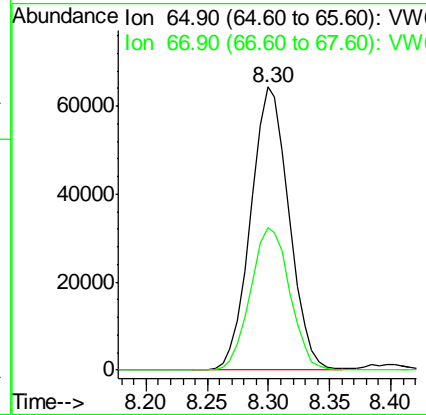
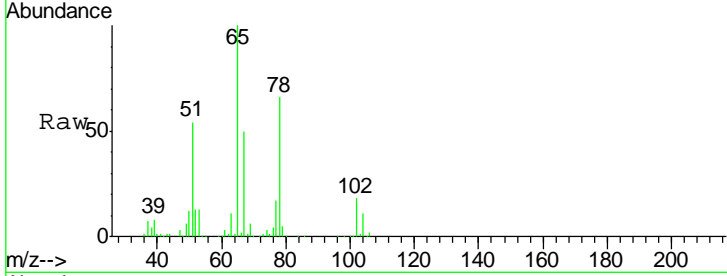


#33  
 1,2-Dichloroethane-d4  
 Concen: 49.190 ug/l  
 RT: 8.30 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

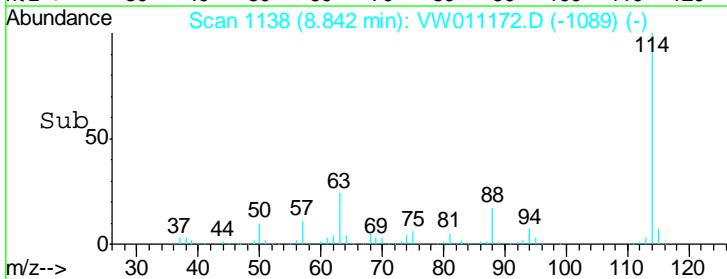
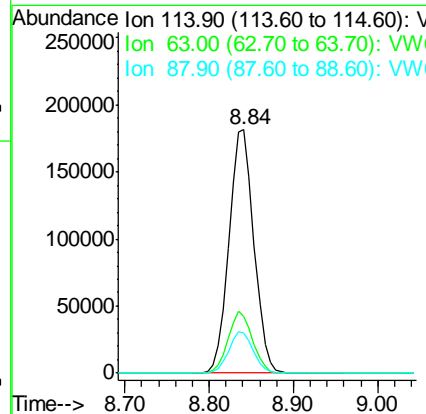
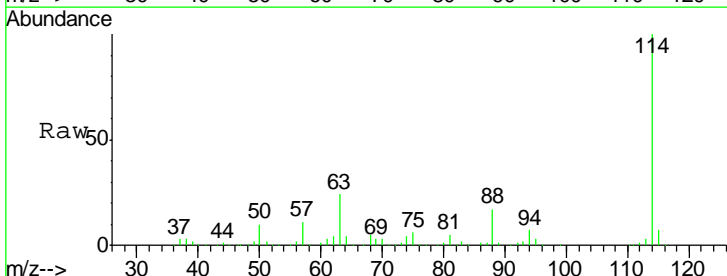
Tgt Ion	Resp	Lower	Upper
65	100		
67	51.9	0.0	104.4

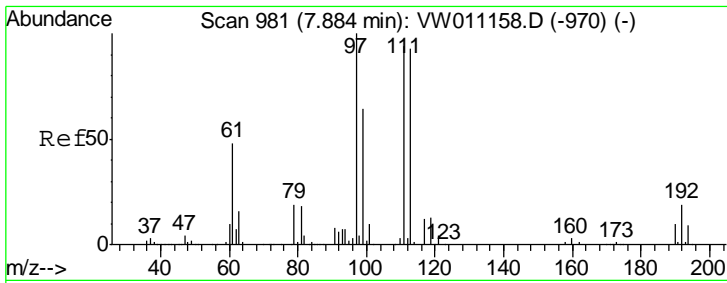
**Manual Integrations**  
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 MMDadoda  
 7/10/2019 10:47:32 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
114	100		
63	23.6	0.0	50.8
88	16.6	0.0	34.2





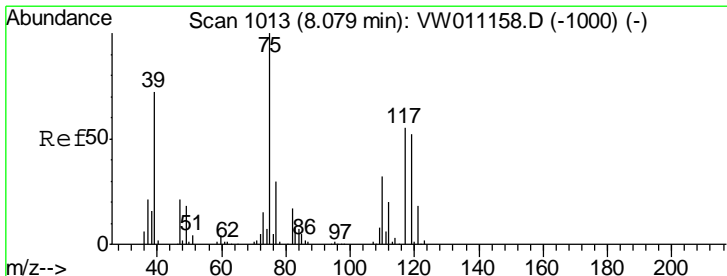
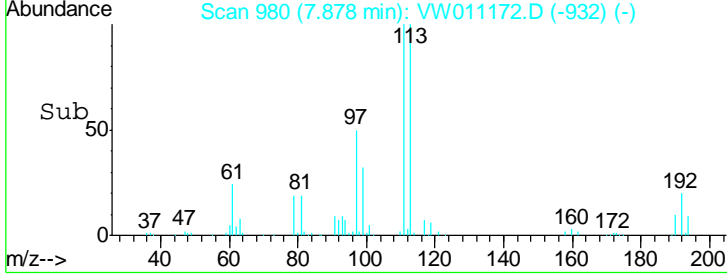
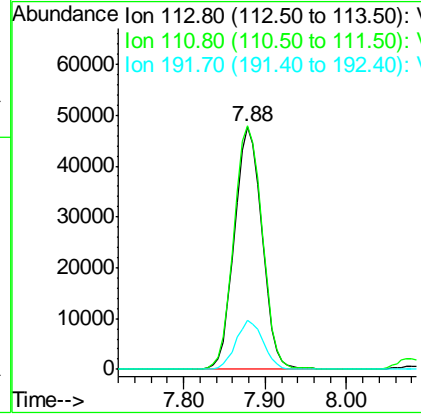
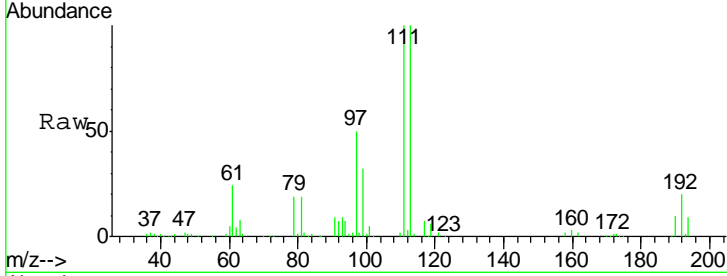
#35  
 Dibromofluoromethane  
 Concen: 50.925 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

Tgt Ion	Resp	Lower	Upper
113	110900		
113	100		
111	103.5	82.4	123.6
192	19.9	15.8	23.8

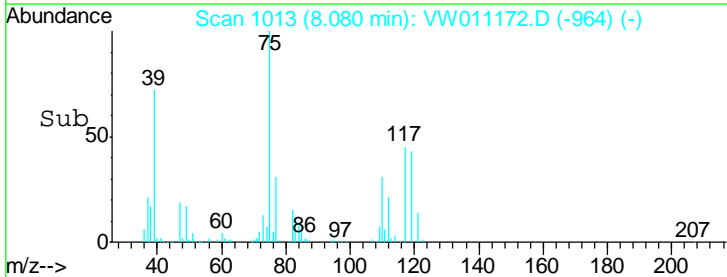
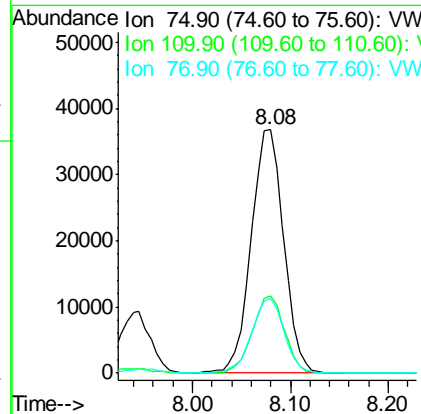
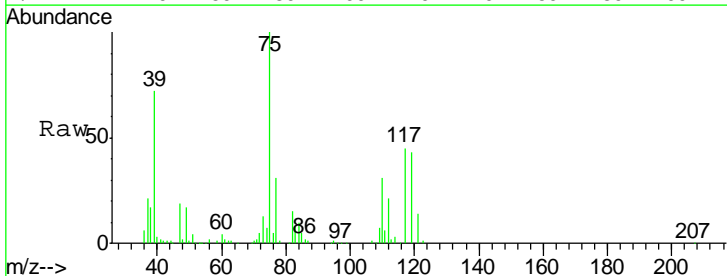
**Manual Integrations**  
**APPROVED**

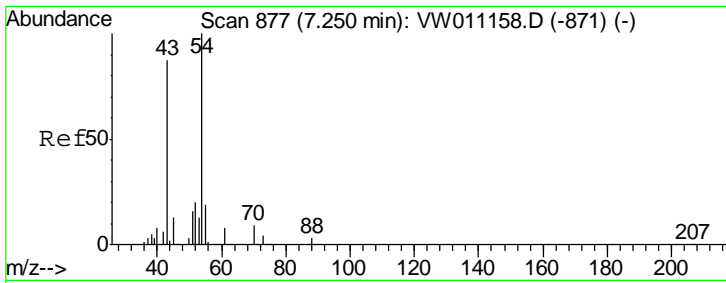
MMDadoda  
 7/10/2019 10:47:32 AM



#36  
 1,1-Dichloropropene  
 Concen: 21.793 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
75	84791		
75	100		
110	31.4	15.9	47.6
77	30.8	24.6	36.8





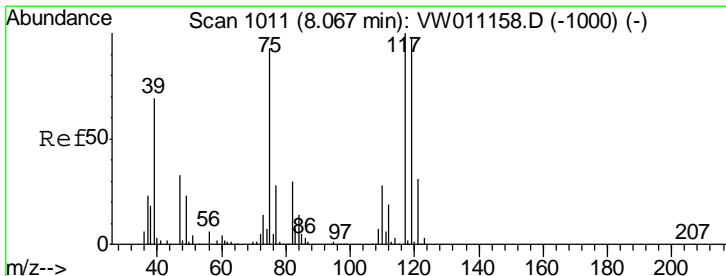
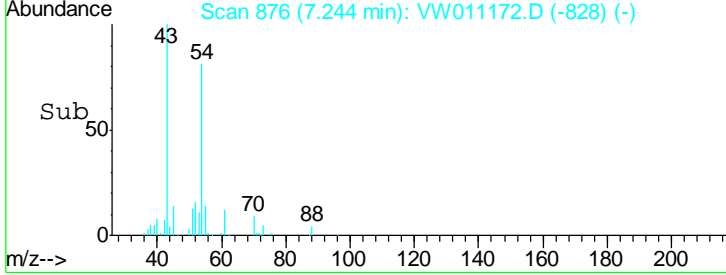
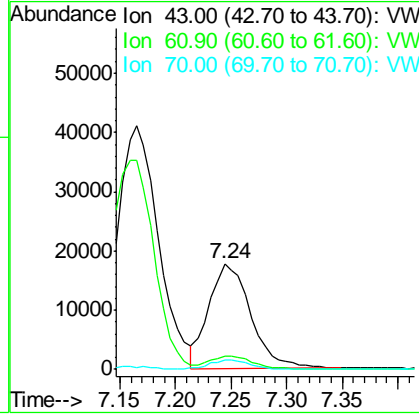
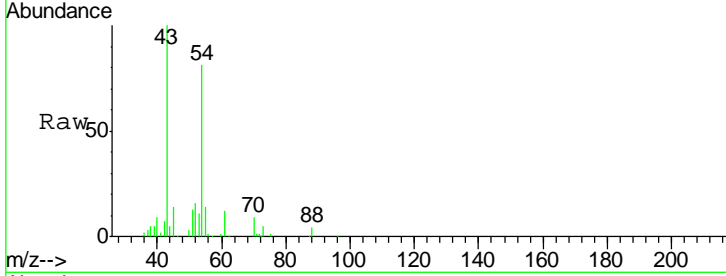
#37  
Ethyl Acetate  
Concen: 19.706 ug/l  
RT: 7.24 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: VW011172.D  
Acq: 09 Jul 2019 12:05

**Instrument :**  
MSVOA\_W  
**ClientSampled :**  
VW0709SBS01

Tgt Ion	Resp	Lower	Upper
43	100		
61	12.3	9.5	14.3
70	8.7	7.1	10.7

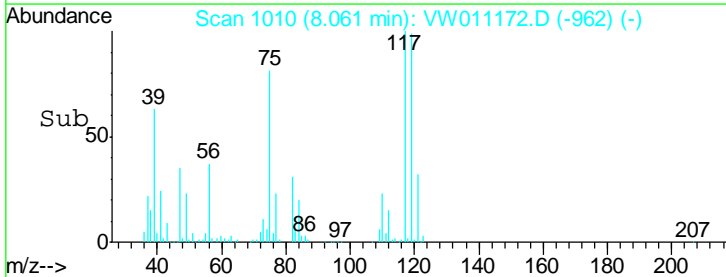
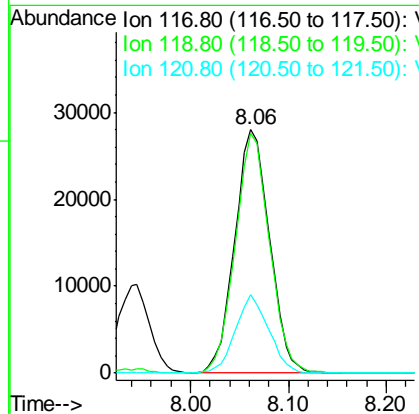
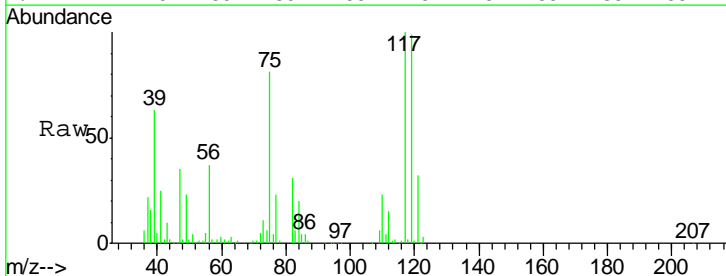
**Manual Integrations**  
**APPROVED**

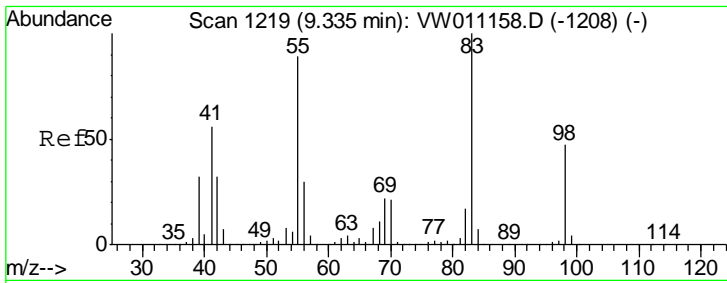
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7/10/2019 10:47:32 AM



#38  
Carbon Tetrachloride  
Concen: 21.096 ug/l  
RT: 8.06 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: VW011172.D  
Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
117	100		
119	98.6	78.1	117.1
121	32.1	25.1	37.7



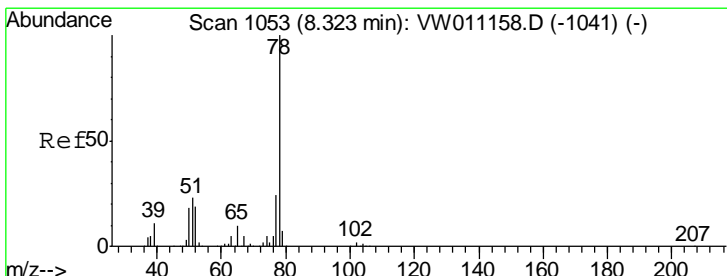
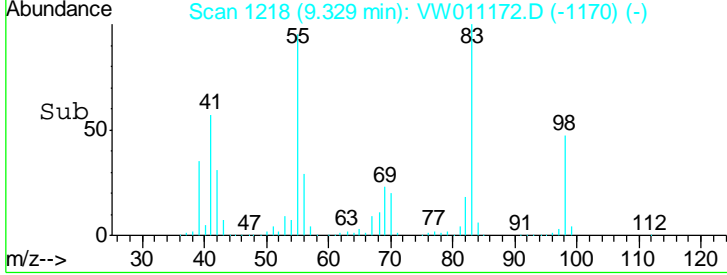
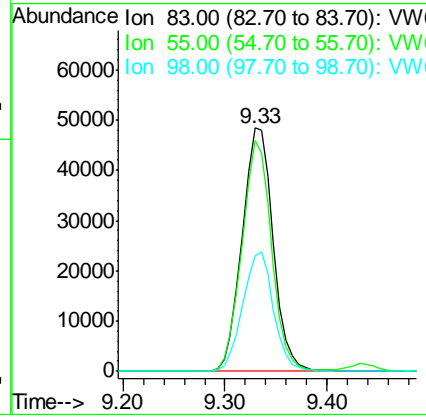
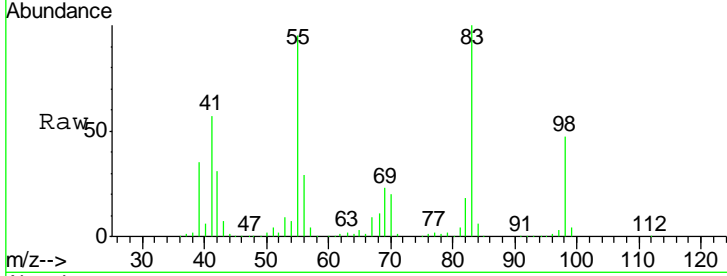


#39  
 Methylcyclohexane  
 Concen: 21.699 ug/l  
 RT: 9.33 min Scan# 1218  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

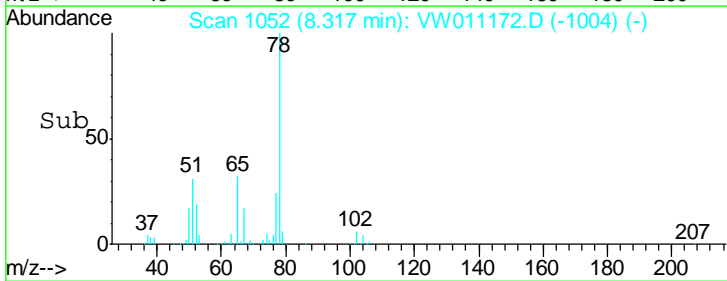
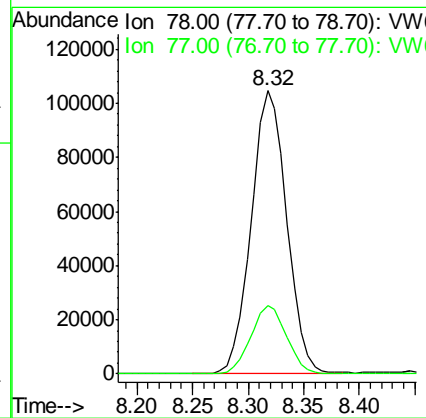
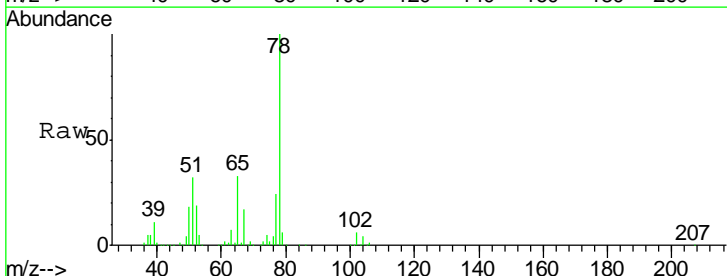
Tgt Ion	Resp	Lower	Upper
83	102328		
83	100		
55	95.0	71.2	106.8
98	47.3	37.5	56.3

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/10/2019 10:47:32 AM

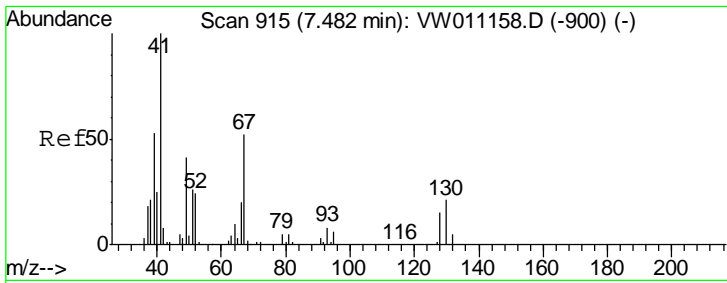


#40  
 Benzene  
 Concen: 21.611 ug/l  
 RT: 8.32 min Scan# 1052  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
78	232378		
78	100		
77	23.9	19.0	28.6







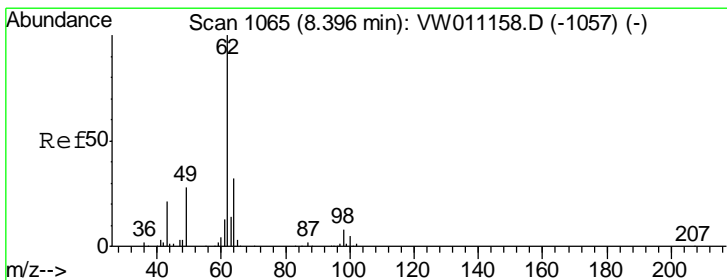
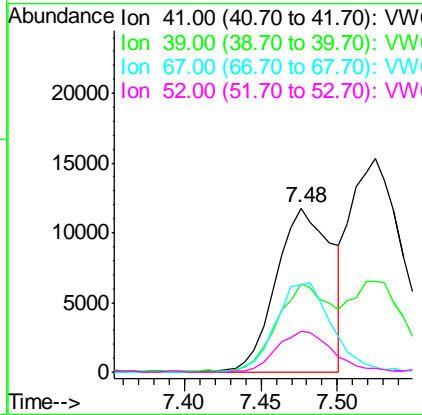
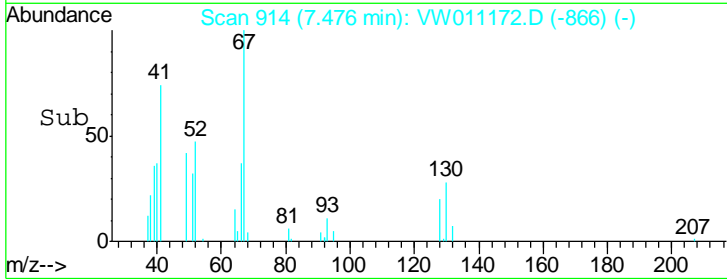
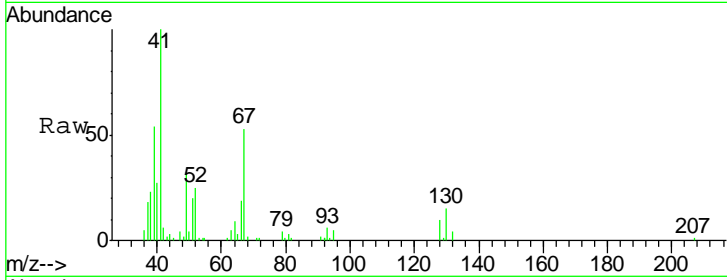
#41  
 Methacrylonitrile  
 Concen: 22.419 ug/l  
 RT: 7.48 min Scan# 914  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

Tgt Ion	Resp	Lower	Upper
41	100		
39	51.3	48.0	72.0
67	55.1	49.7	74.5
52	24.9	23.4	35.0

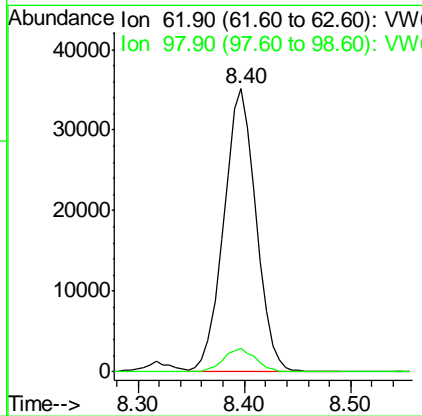
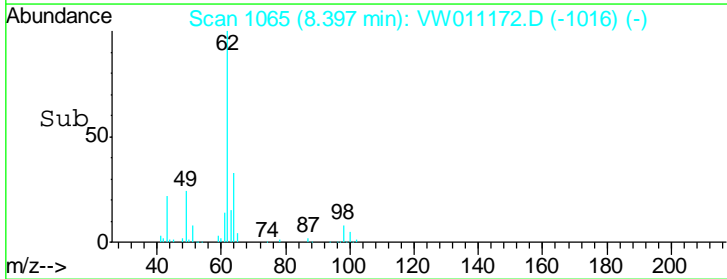
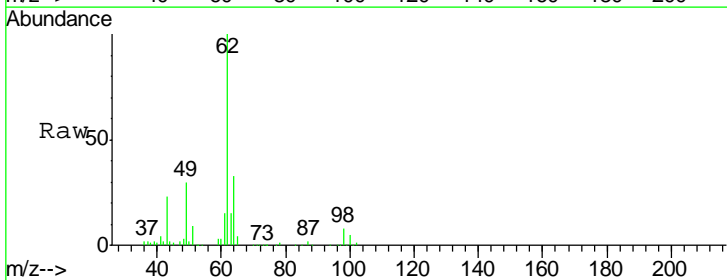
Manual Integrations  
 APPROVED

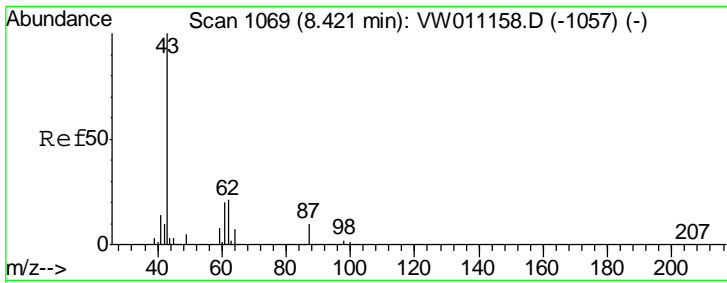
MMDadoda  
 7/10/2019 10:47:32 AM



#42  
 1,2-Dichloroethane  
 Concen: 21.365 ug/l  
 RT: 8.40 min Scan# 1065  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
62	100		
98	8.3	0.0	16.8



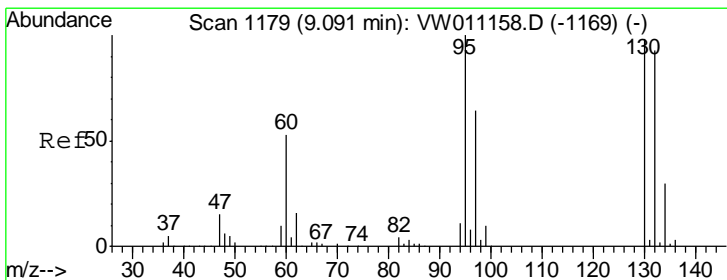
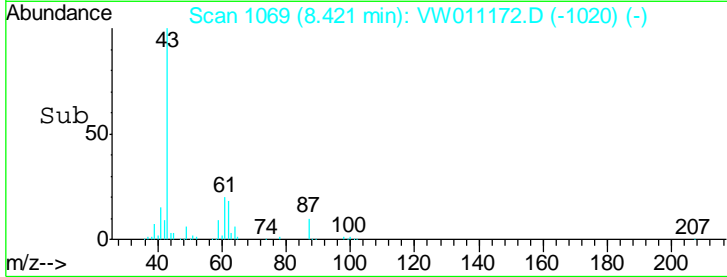
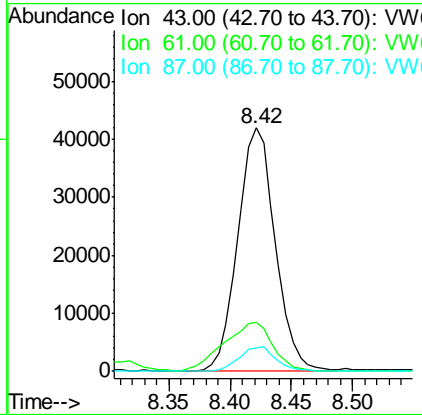
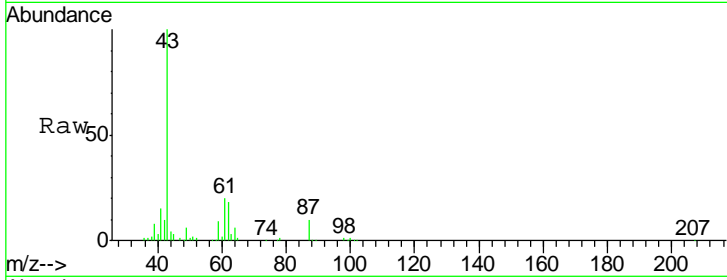


#43  
 Isopropyl Acetate  
 Concen: 20.165 ug/l  
 RT: 8.42 min Scan# 1069  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

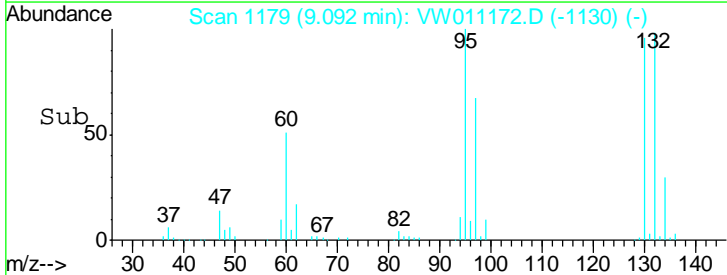
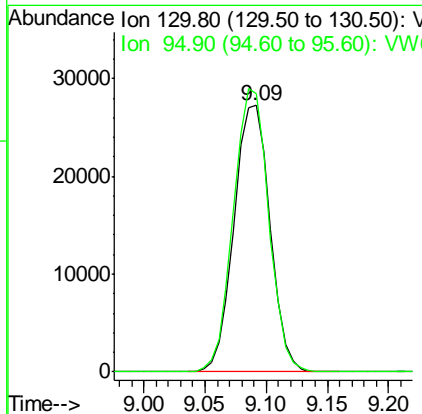
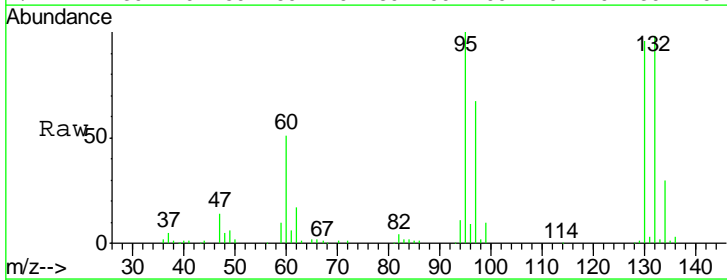
Tgt Ion	Resp	Lower	Upper
43	100		
61	26.6	20.7	31.1
87	10.1	8.1	12.1

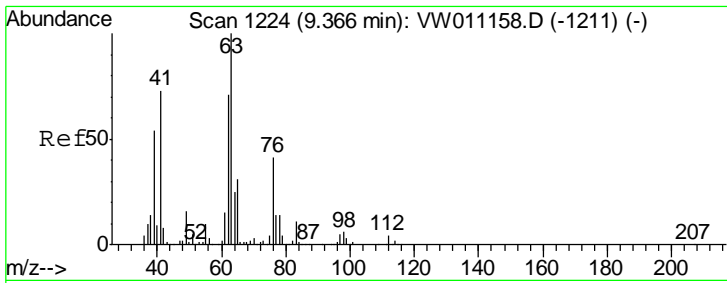
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/10/2019 10:47:32 AM



#44  
 Trichloroethene  
 Concen: 21.531 ug/l  
 RT: 9.09 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

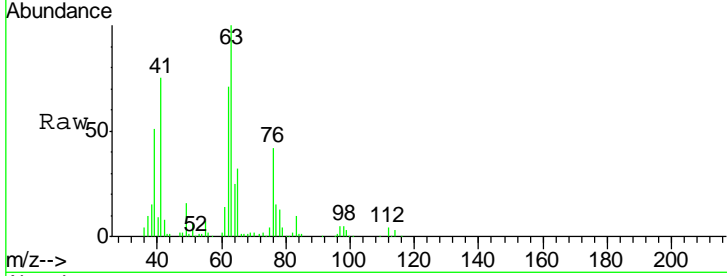
Tgt Ion	Resp	Lower	Upper
130	100		
95	104.3	0.0	203.6





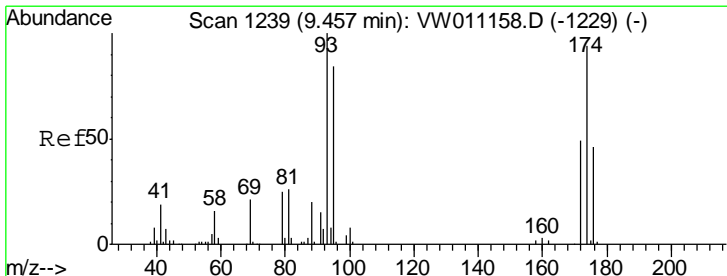
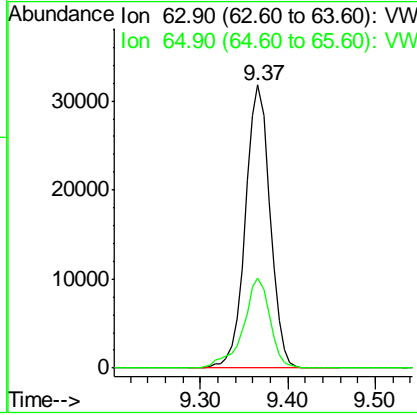
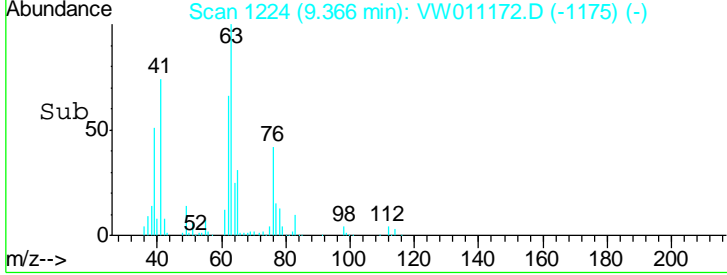
#45  
 1,2-Dichloropropane  
 Concen: 21.338 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

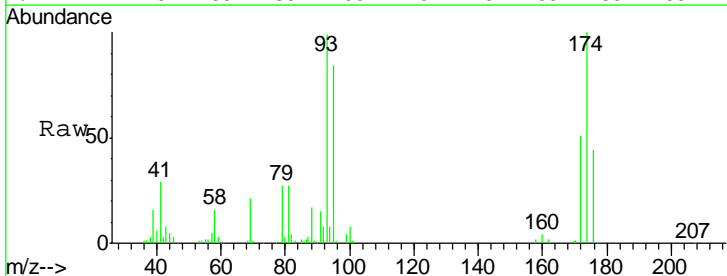


Tgt Ion: 63 Resp: 62131  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 24.4 36.6

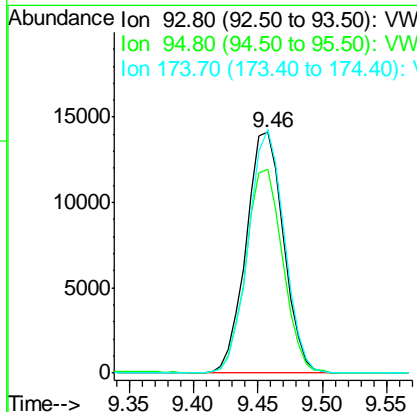
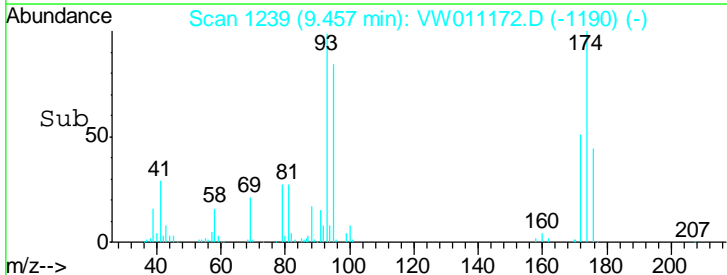
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/10/2019 10:47:32 AM

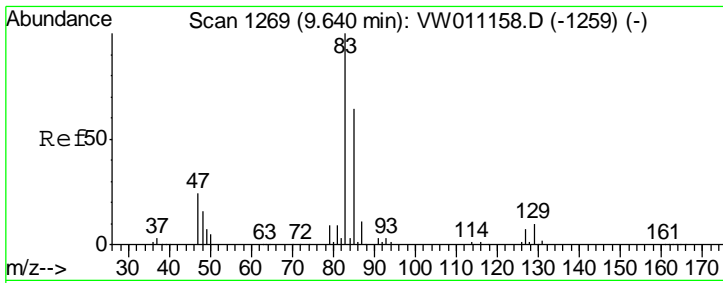


#46  
 Dibromomethane  
 Concen: 20.791 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05



Tgt Ion: 93 Resp: 28438  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 67.2 100.8  
 174 96.7 76.3 114.5





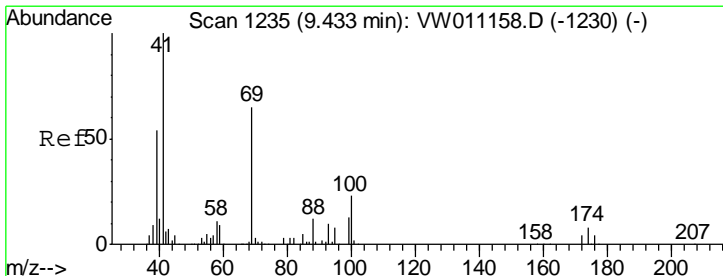
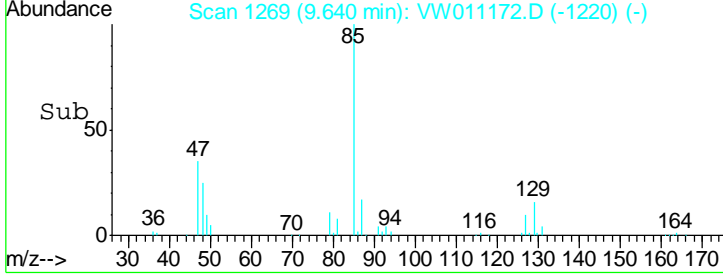
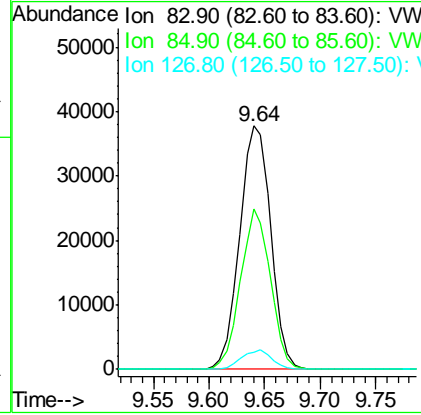
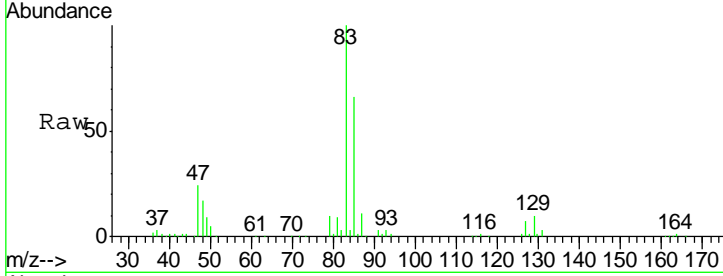
#47  
 Bromodichloromethane  
 Concen: 20.888 ug/l  
 RT: 9.64 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

Tgt Ion	Resp	Lower	Upper
83	73102		
85	65.7	51.0	76.4
127	6.9	6.0	9.0

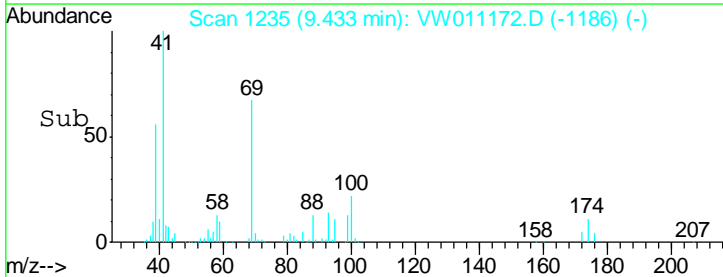
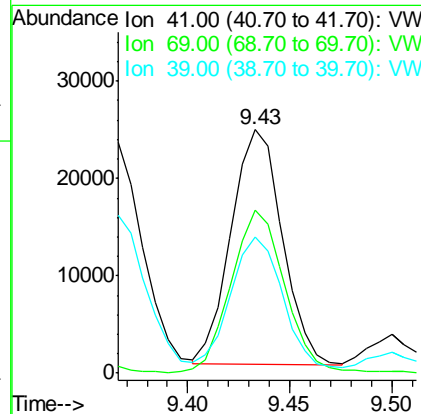
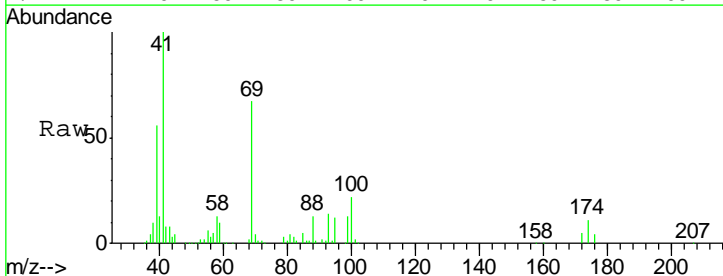
Manual Integrations  
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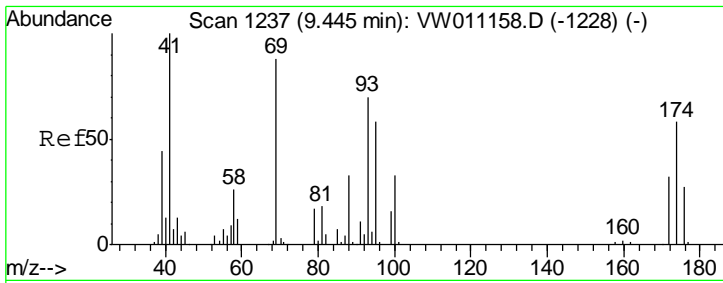
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 7/10/2019 10:47:32 AM



#48  
 Methyl methacrylate  
 Concen: 19.819 ug/l  
 RT: 9.43 min Scan# 1235  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

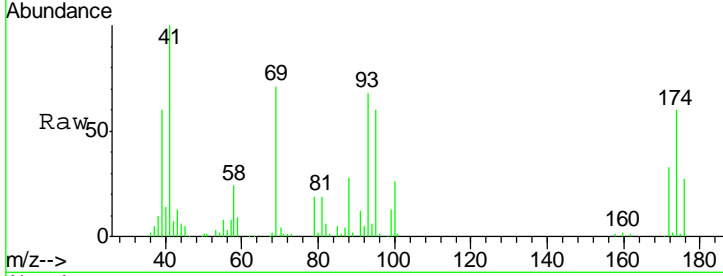
Tgt Ion	Resp	Lower	Upper
41	42083		
69	72.4	56.0	84.0
39	55.6	43.5	65.3





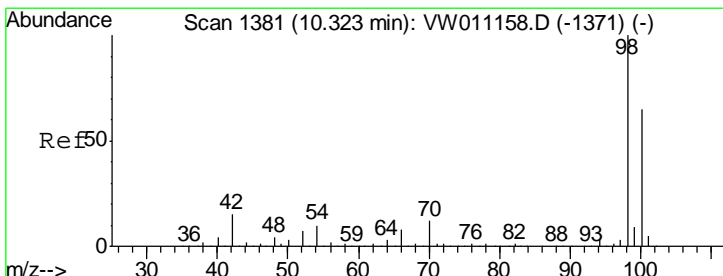
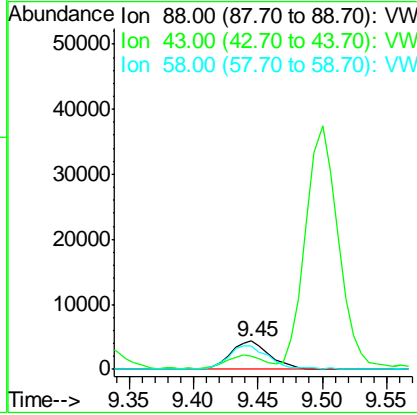
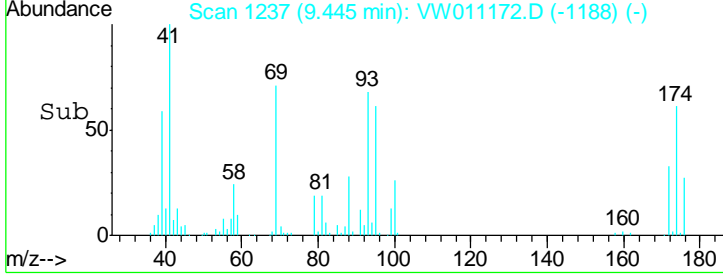
#49  
 1,4-Dioxane  
 Concen: 405.284 ug/l  
 RT: 9.45 min Scan# 1237  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

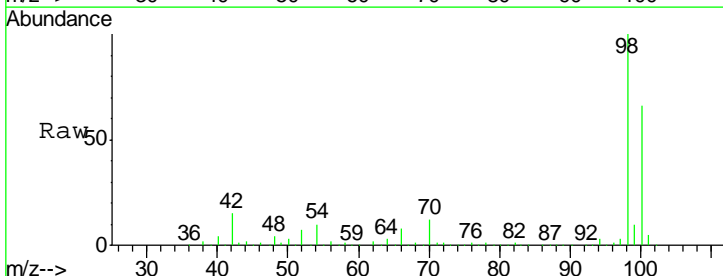


Tgt Ion	Resp	Lower	Upper
88	100		
43	44.7	33.4	50.0
58	89.3	64.5	96.7

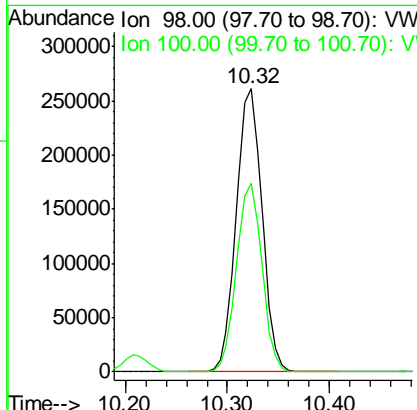
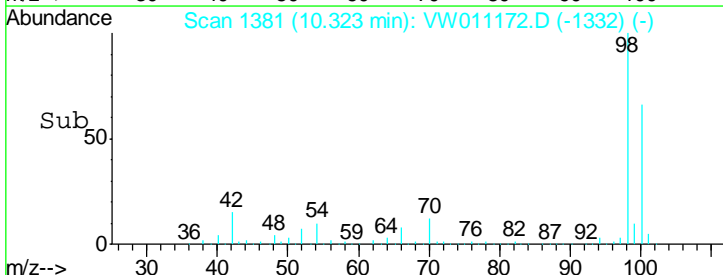
**Manual Integrations**  
**APPROVED**  
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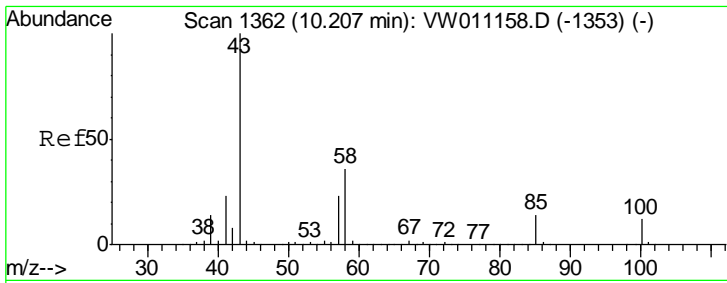


#50  
 Toluene-d8  
 Concen: 51.806 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05



Tgt Ion	Resp	Lower	Upper
98	100		
100	65.7	52.4	78.6



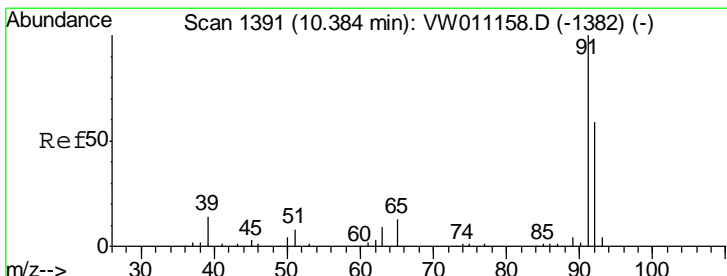
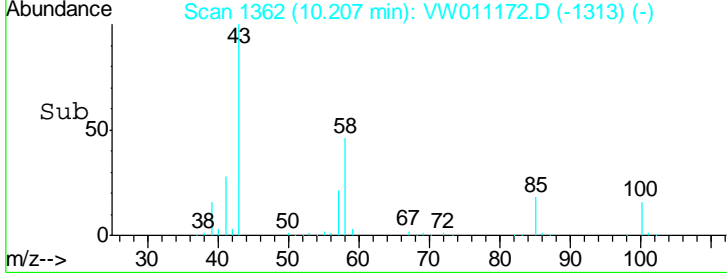
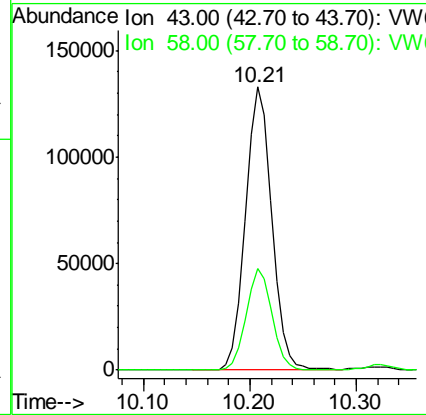
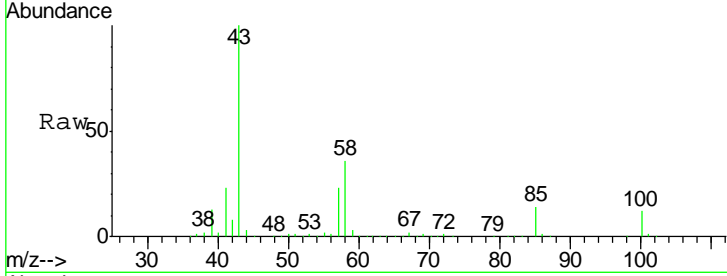


#51  
 4-Methyl-2-Pentanone  
 Concen: 100.312 ug/l  
 RT: 10.21 min Scan# 1362  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

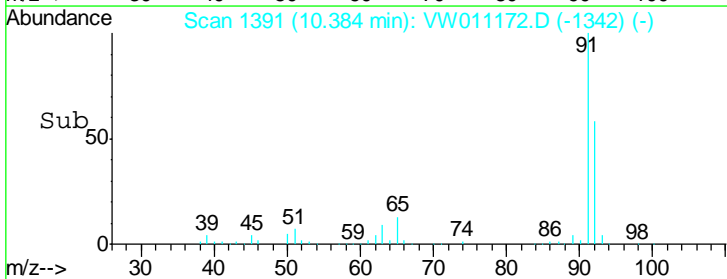
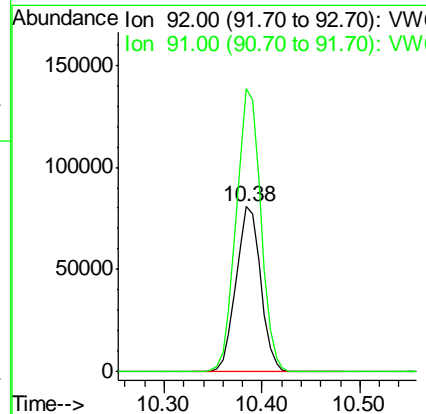
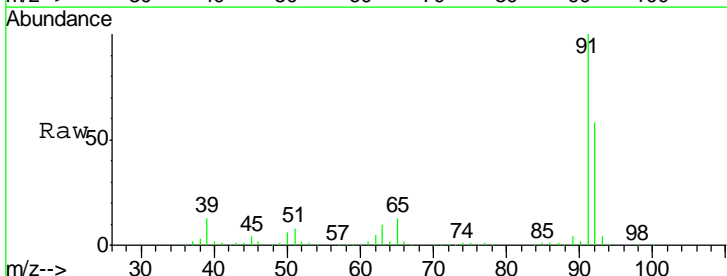
Tgt Ion	Resp	Lower	Upper
43	100		
58	35.3	28.2	42.2

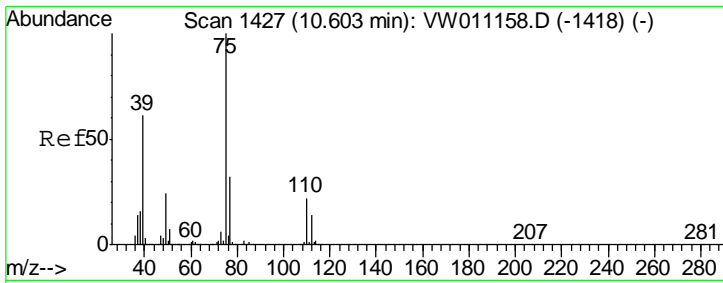
Manual Integrations  
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 7/10/2019 10:47:32 AM



#52  
 Toluene  
 Concen: 21.646 ug/l  
 RT: 10.38 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
92	100		
91	171.3	136.6	205.0



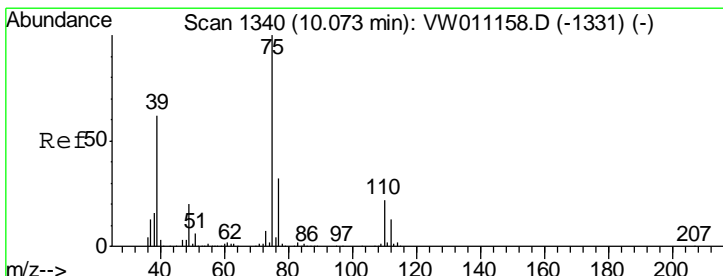
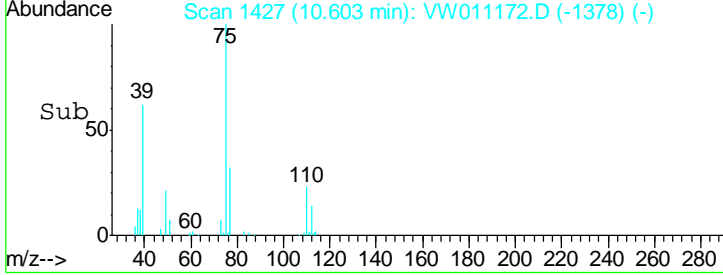
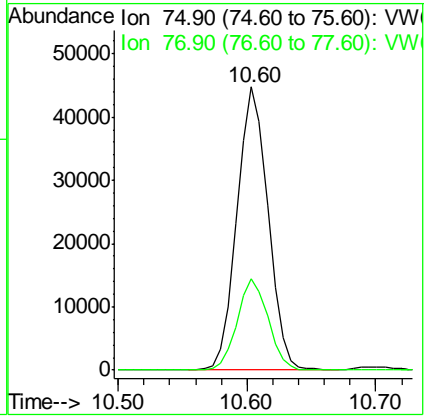
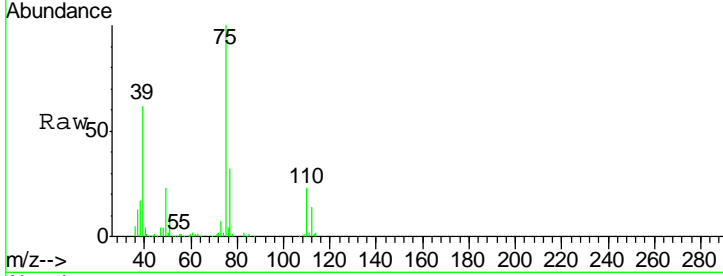


#53  
 t-1,3-Dichloropropene  
 Concen: 20.092 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

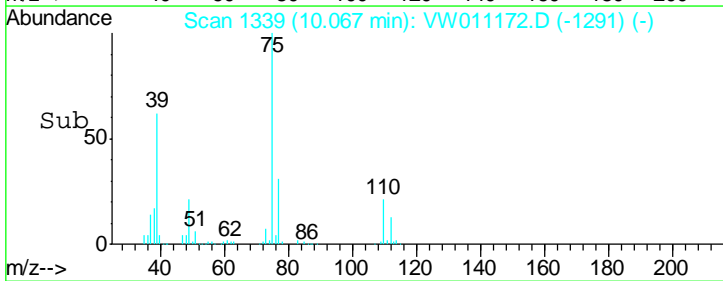
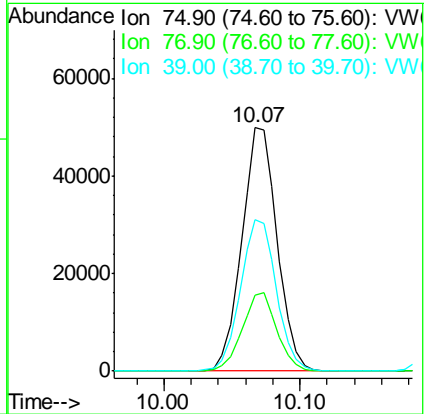
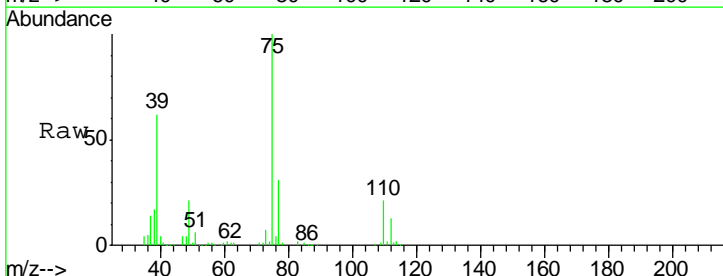
Tgt Ion	Resp	Lower	Upper
75	100		
77	32.1	25.4	38.0

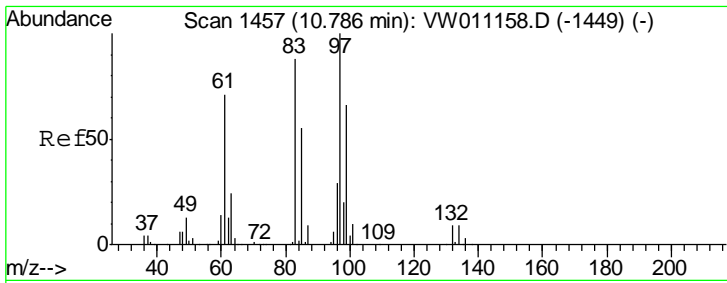
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/10/2019 10:47:32 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.605 ug/l  
 RT: 10.07 min Scan# 1339  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
75	100		
77	31.4	25.7	38.5
39	62.3	49.8	74.8



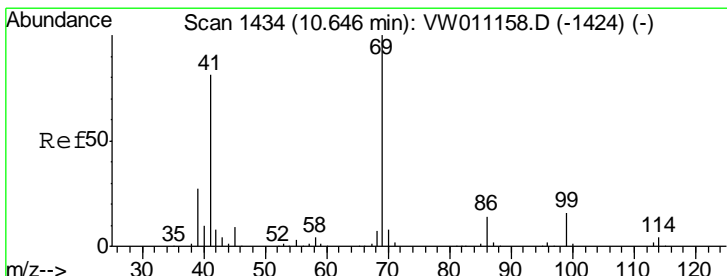
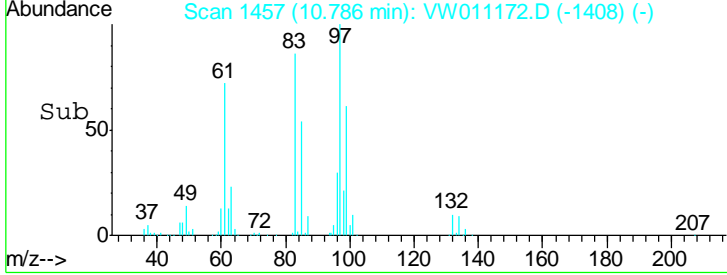
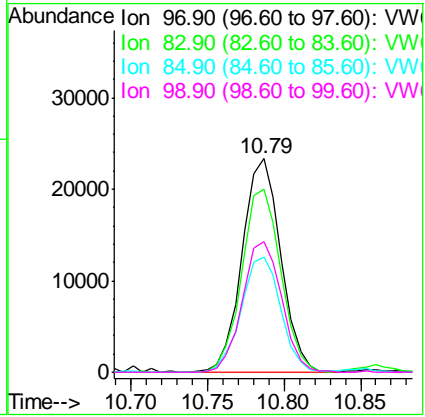
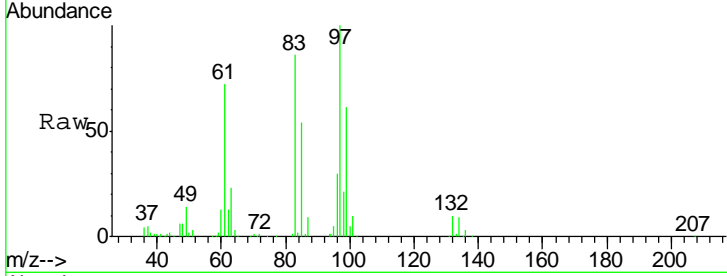


#55  
 1,1,2-Trichloroethane  
 Concen: 21.087 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 Client Sampled : VW0709SBS01

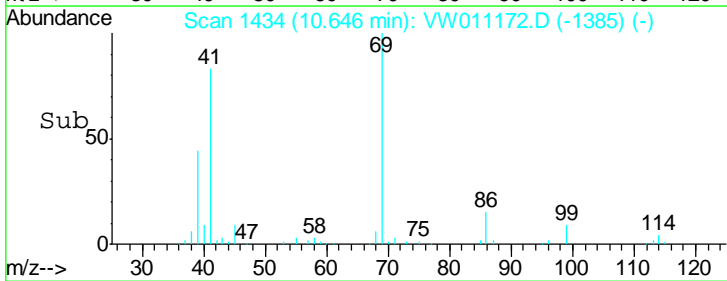
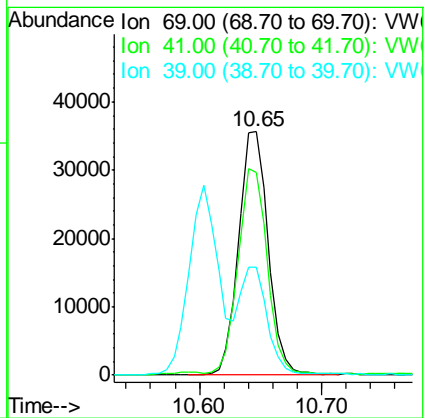
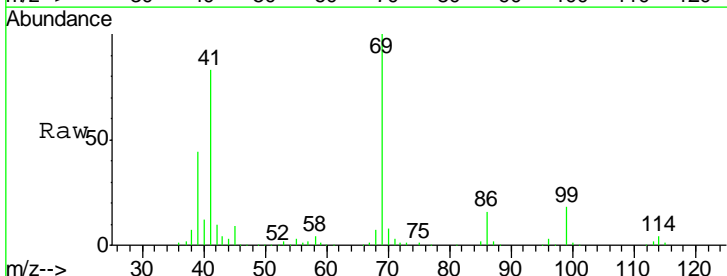
Tgt Ion	Resp	Lower	Upper
97	40918		
97	100		
83	85.9	70.2	105.4
85	53.7	44.2	66.2
99	61.3	52.6	79.0

Manual Integrations  
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 MMDadoda  
 7/10/2019 10:47:32 AM

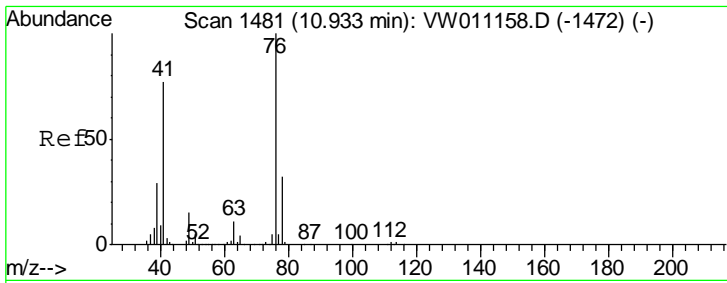


#56  
 Ethyl methacrylate  
 Concen: 20.258 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
69	59848		
69	100		
41	82.9	66.5	99.7
39	39.1	32.5	48.7





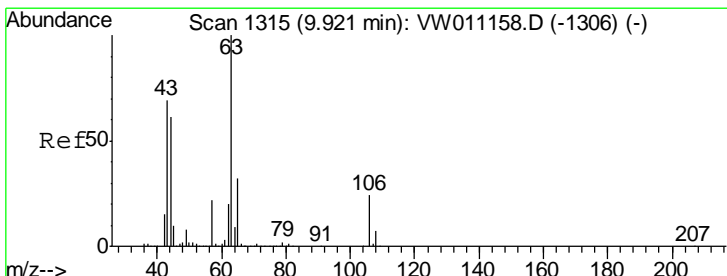
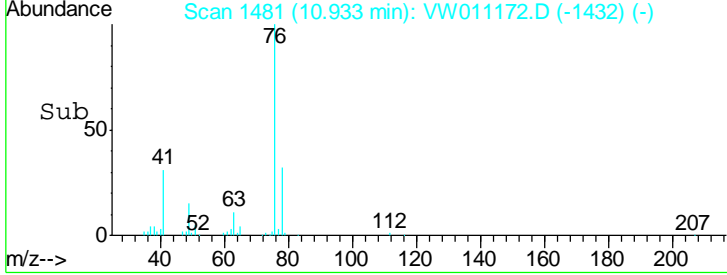
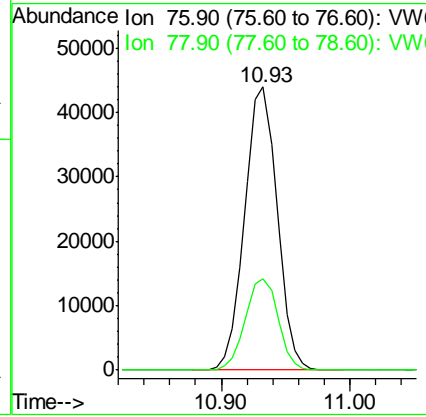
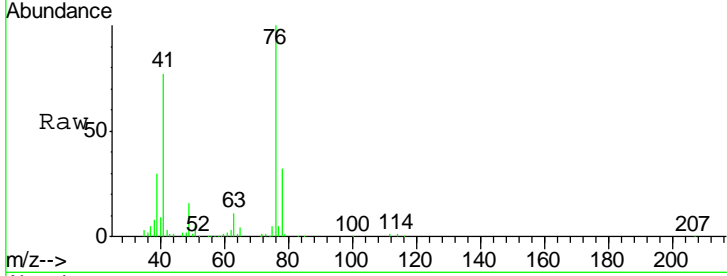


#57  
 1,3-Dichloropropane  
 Concen: 20.900 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

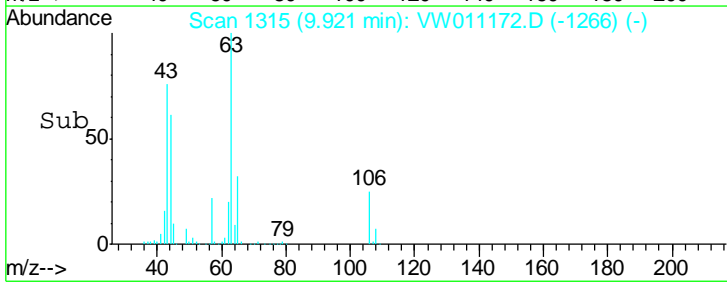
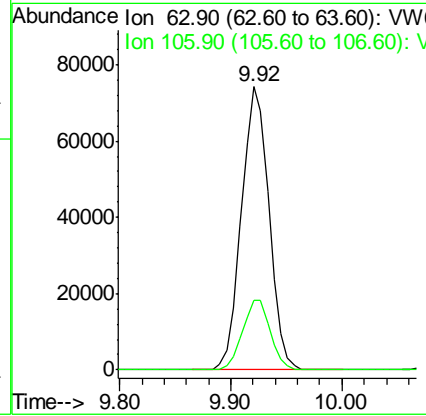
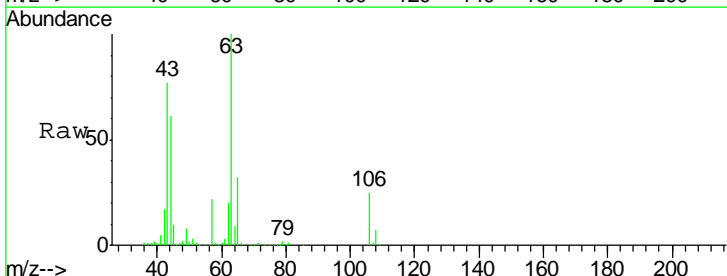
Tgt Ion	Resp	Lower	Upper
76	76689		
76	100		
78	32.6	26.2	39.2

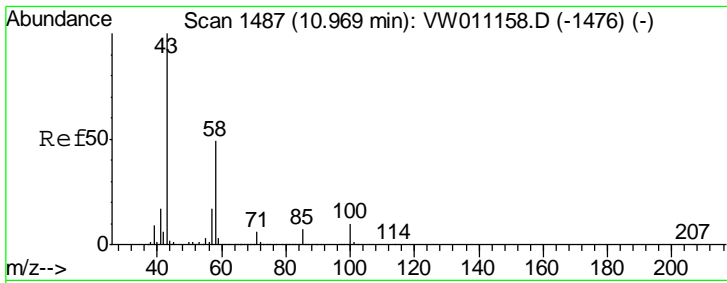
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 7/10/2019 10:47:32 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 93.014 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
63	127392		
63	100		
106	24.9	19.4	29.0



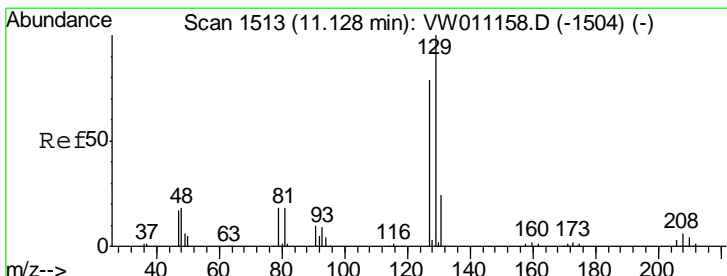
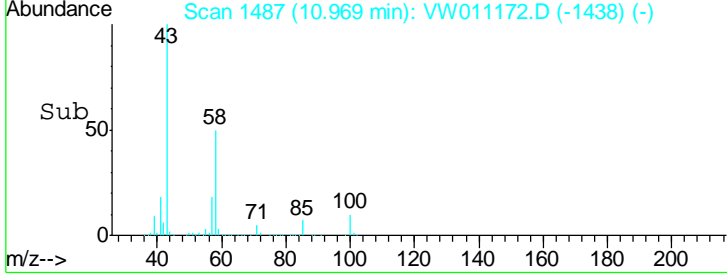
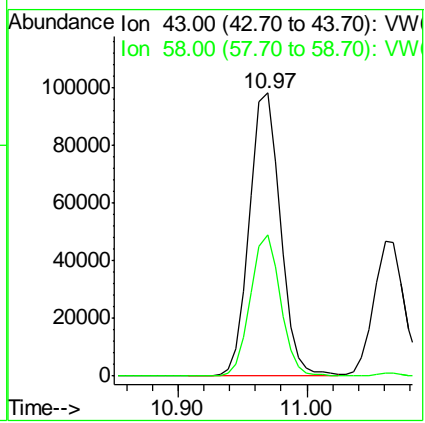
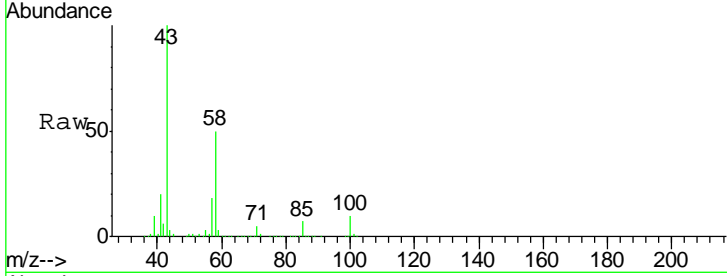


#59  
 2-Hexanone  
 Concen: 101.958 ug/l  
 RT: 10.97 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

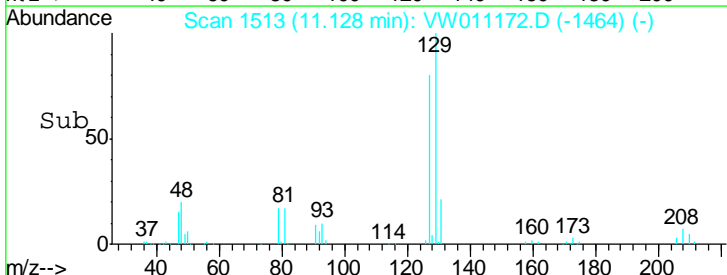
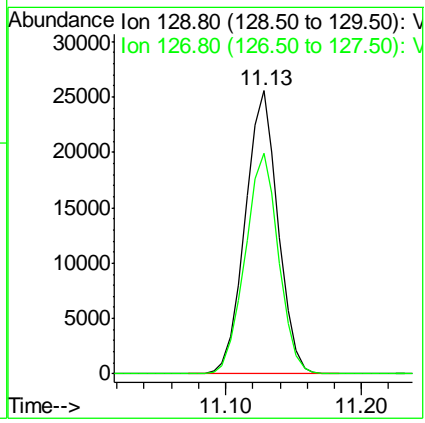
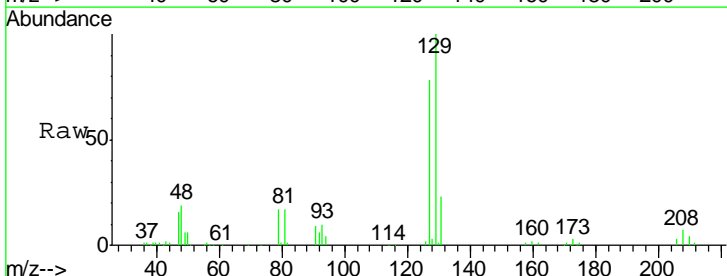
Tgt Ion	Resp	Lower	Upper
43	100		
58	48.6	24.4	73.4

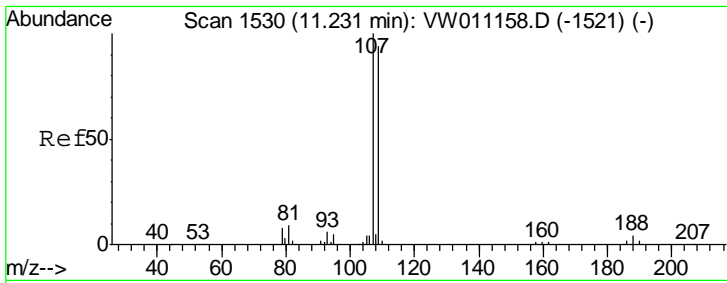
Manual Integrations  
**APPROVED**  
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#60  
 Dibromochloromethane  
 Concen: 20.242 ug/l  
 RT: 11.13 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
129	100		
127	79.4	39.1	117.3





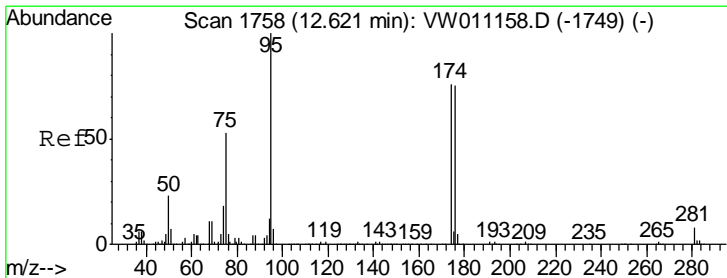
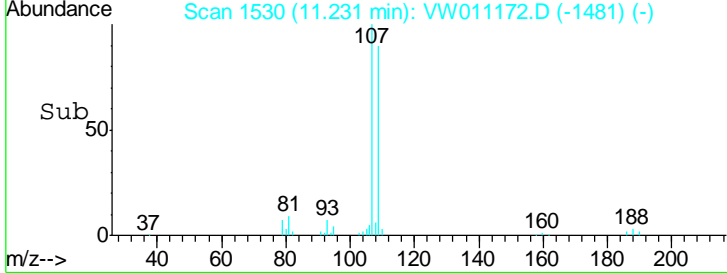
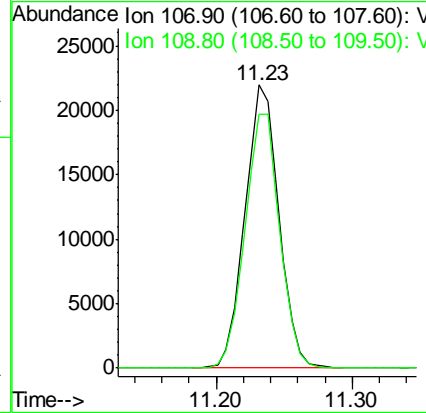
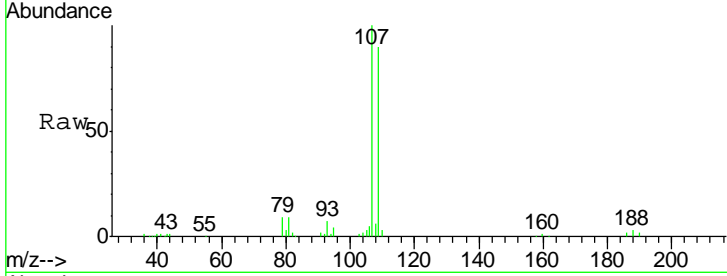
#61  
 1,2-Dibromoethane  
 Concen: 20.780 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

Tgt Ion	Resp	Lower	Upper
107	100		
109	92.4	75.2	112.8

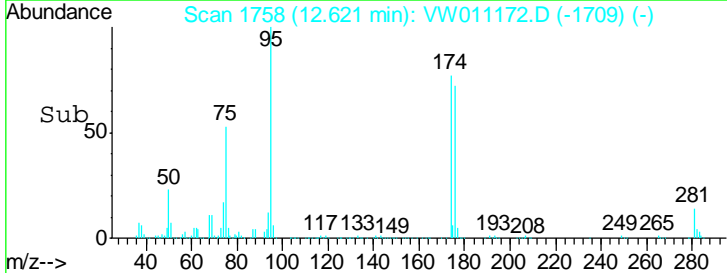
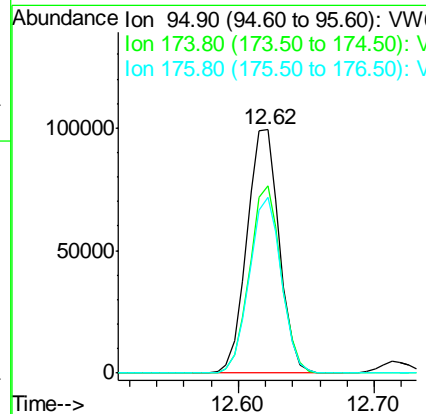
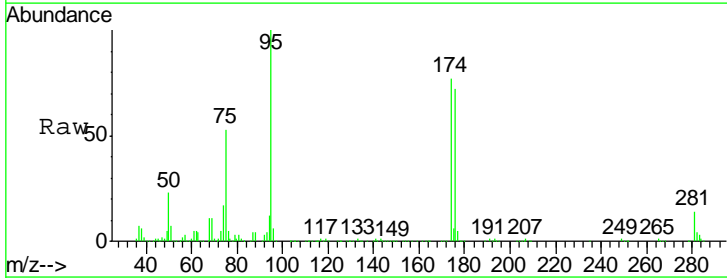
Manual Integrations  
 APPROVED

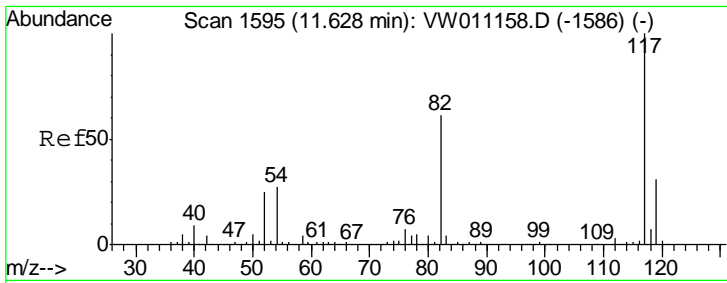
MMDadoda  
 7/10/2019 10:47:32 AM



#62  
 4-Bromofluorobenzene  
 Concen: 51.240 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
95	100		
174	75.2	0.0	147.6
176	71.4	0.0	144.6



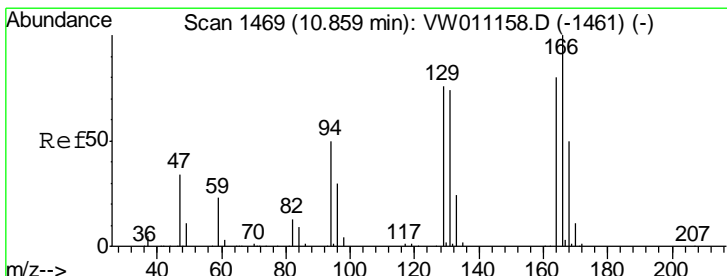
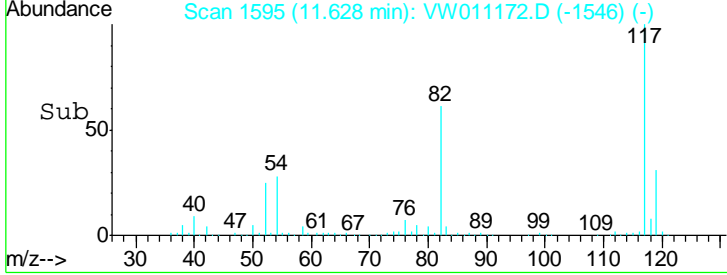
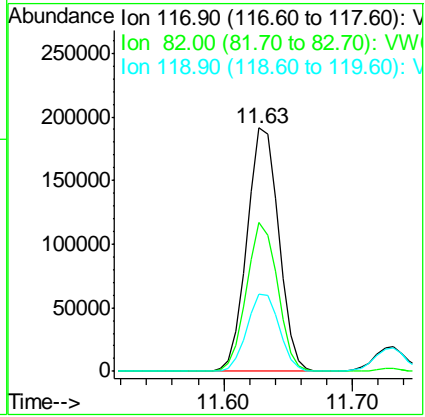
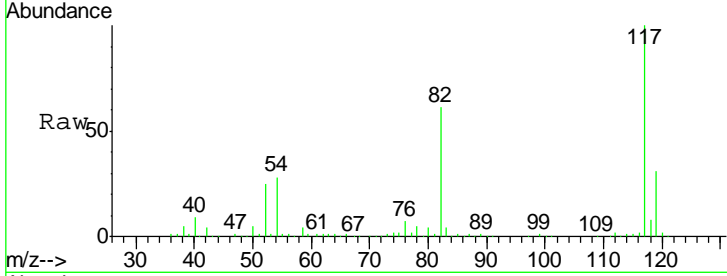


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1595  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0709SBS01

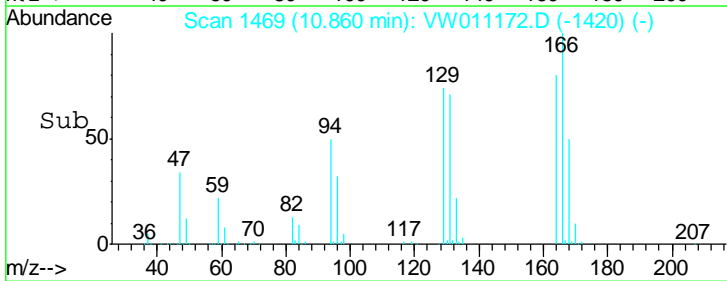
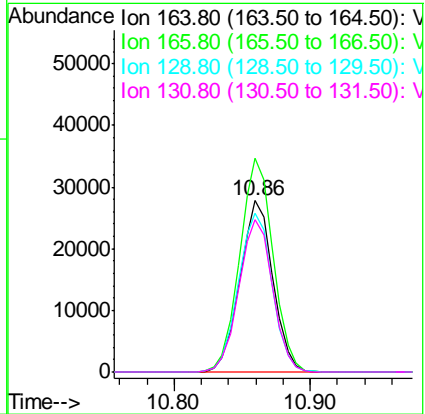
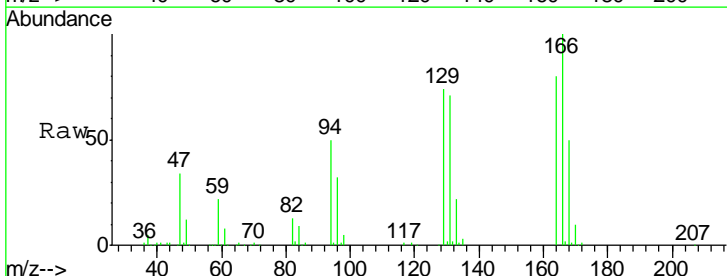
Tgt Ion	Resp	Lower	Upper
117	100		
82	61.2	48.9	73.3
119	31.5	25.0	37.6

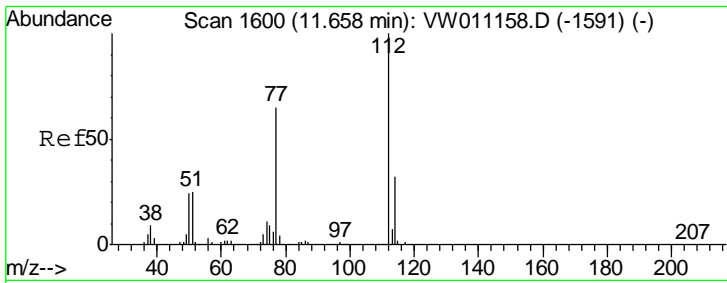
Manual Integrations  
**APPROVED**  
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#64  
 Tetrachloroethene  
 Concen: 21.428 ug/l  
 RT: 10.86 min Scan# 1469  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
164	100		
166	124.8	99.7	149.5
129	92.9	76.2	114.2
131	89.0	74.0	111.0



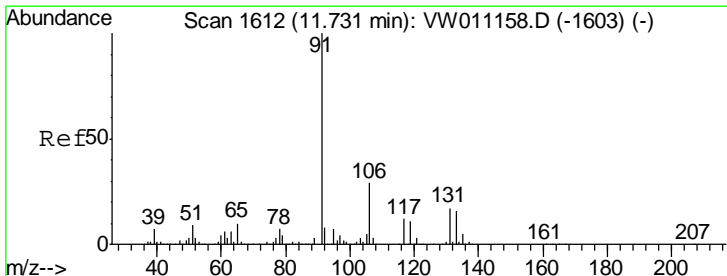
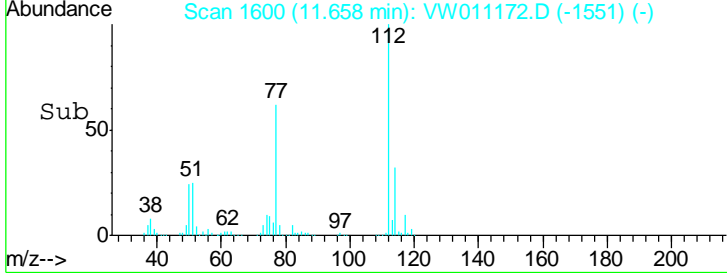
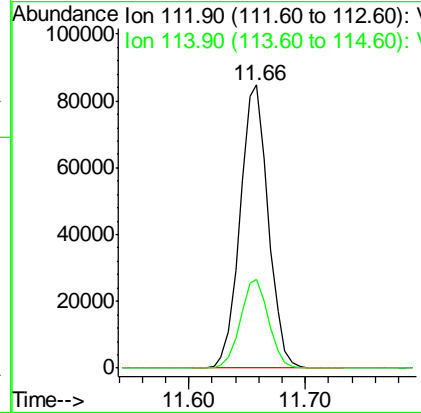
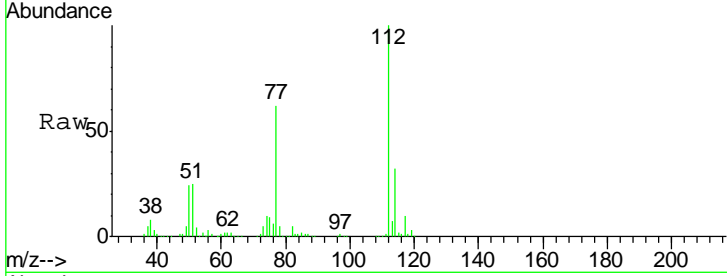


#65  
 Chlorobenzene  
 Concen: 21.533 ug/l  
 RT: 11.66 min Scan# 1600  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

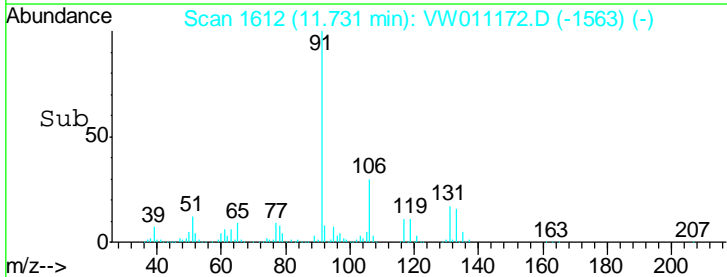
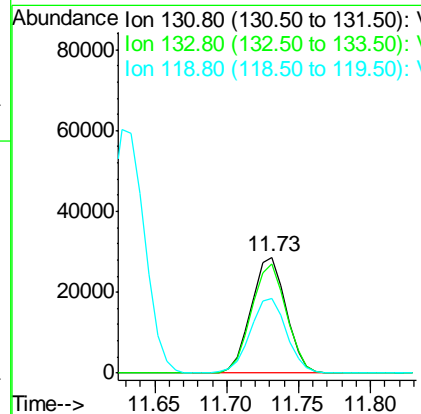
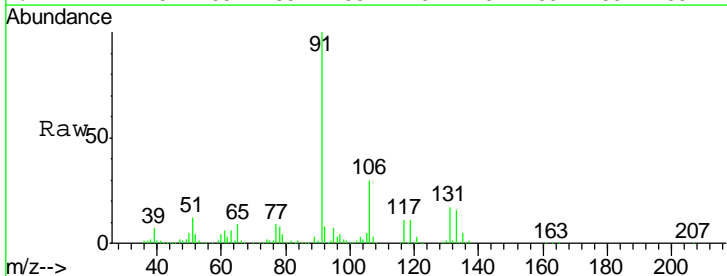
Tgt Ion	Resp	Lower	Upper
112	142055		
114	31.6	25.5	38.3

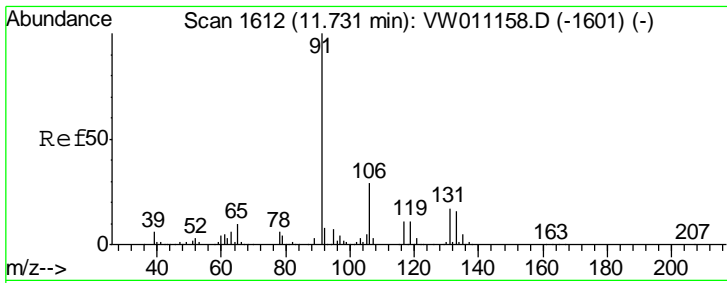
Manual Integrations  
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 20.726 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
131	48143		
133	94.2	47.9	143.8
119	66.2	33.1	99.2





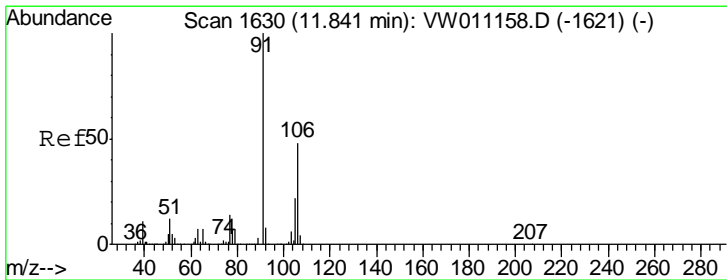
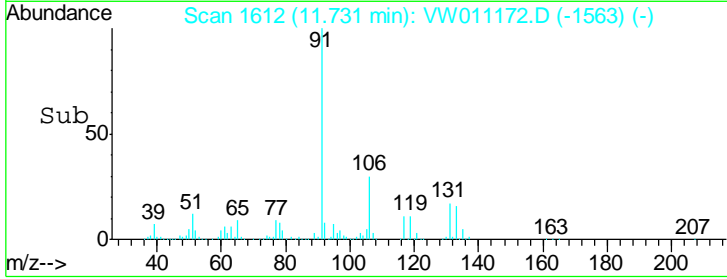
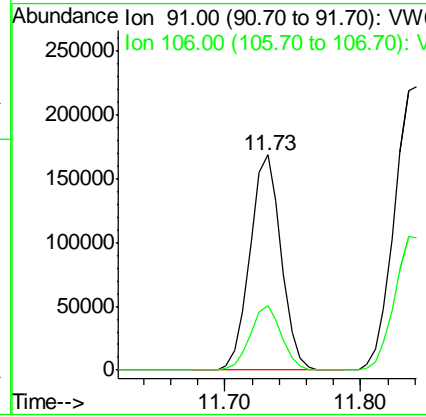
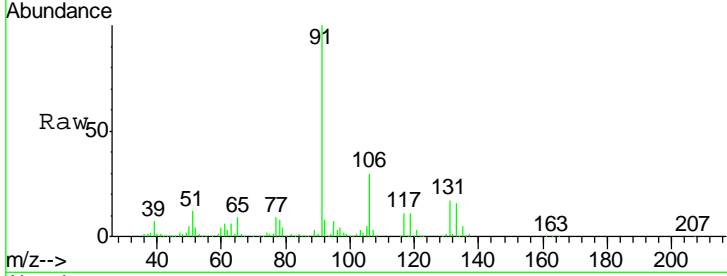
#67  
Ethyl Benzene  
Concen: 21.449 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW011172.D  
Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
ClientSampled : VW0709SBS01

Tgt Ion	Resp	Lower	Upper
91	100		
106	30.0	23.5	35.3

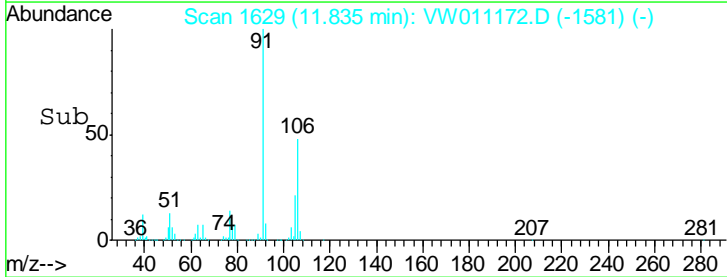
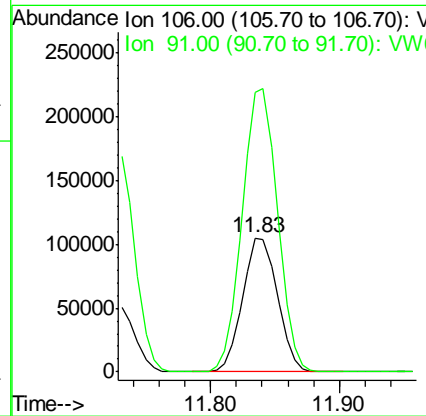
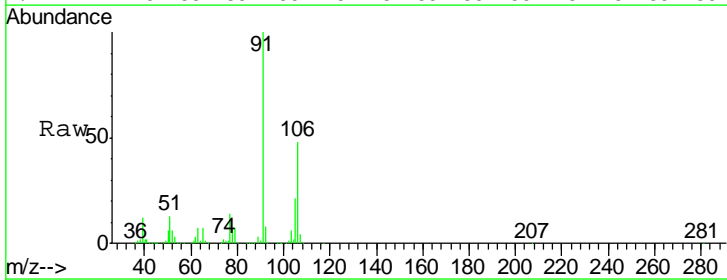
Manual Integrations  
APPROVED

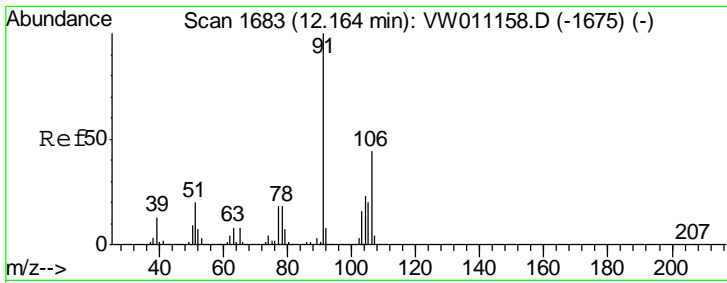
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7/10/2019 10:47:32 AM



#68  
m/p-Xylenes  
Concen: 42.926 ug/l  
RT: 11.83 min Scan# 1629  
Delta R.T. -0.01 min  
Lab File: VW011172.D  
Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
106	100		
91	214.5	167.7	251.5



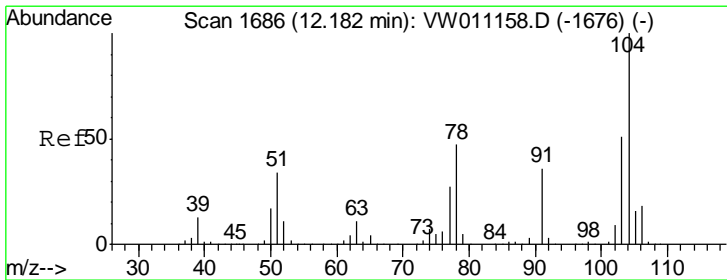
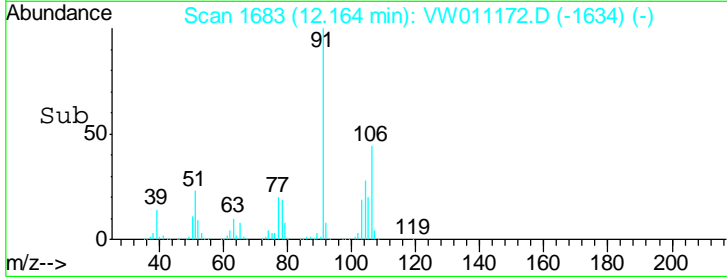
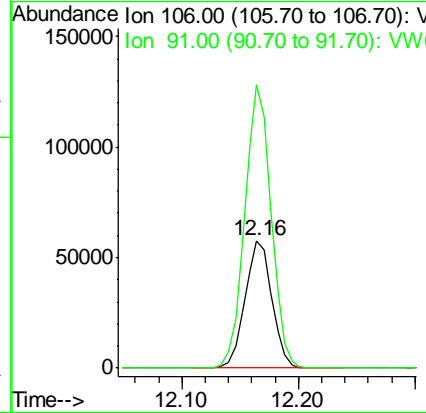
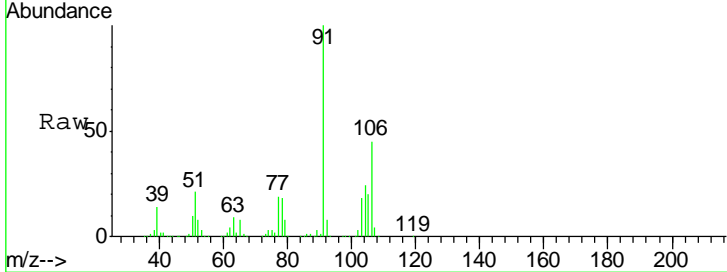


#69  
 o-Xylene  
 Concen: 21.449 ug/l  
 RT: 12.16 min Scan# 1683  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

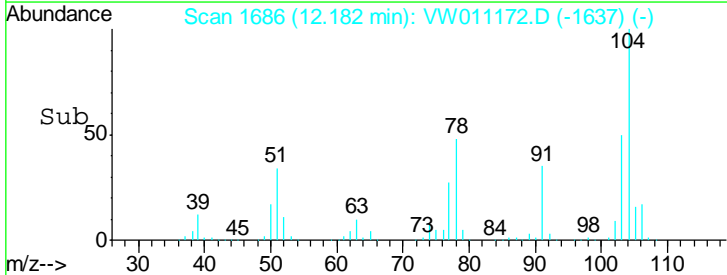
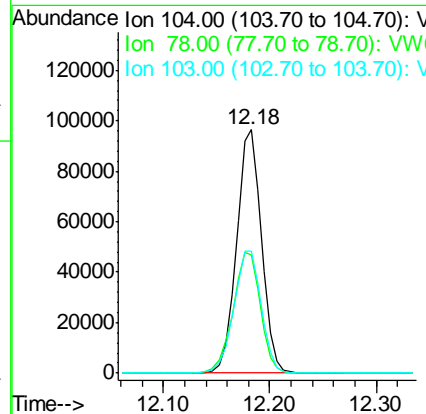
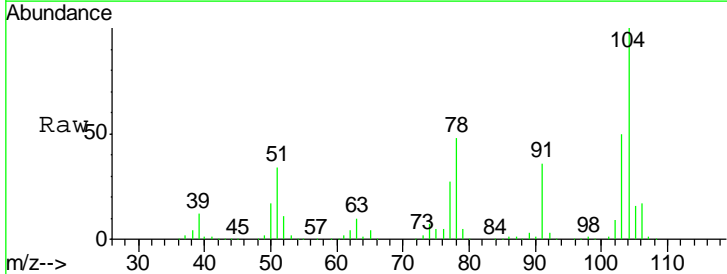
Tgt Ion	Resp	Lower	Upper
106	92380		
106	100		
91	219.4	110.7	332.1

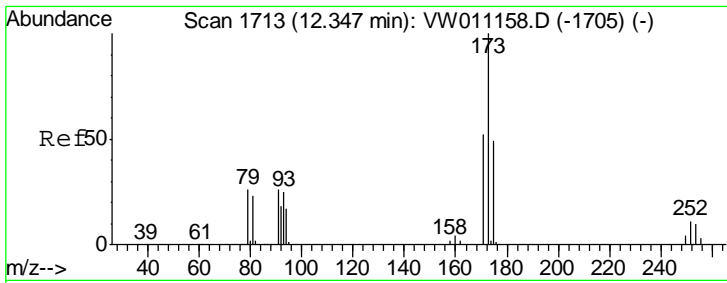
Manual Integrations  
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#70  
 Styrene  
 Concen: 21.298 ug/l  
 RT: 12.18 min Scan# 1686  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
104	158315		
104	100		
78	54.4	43.1	64.7
103	55.3	44.1	66.1





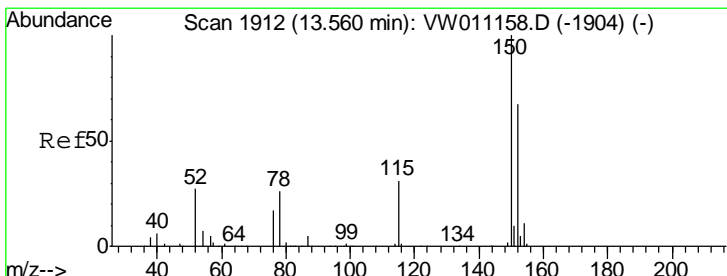
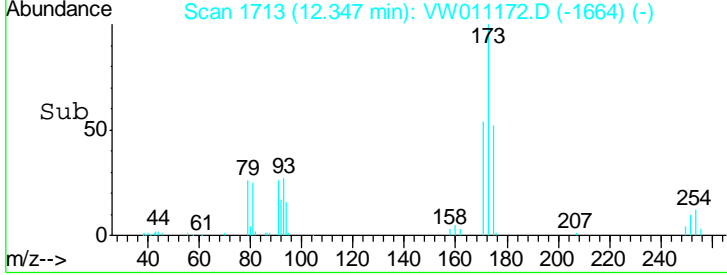
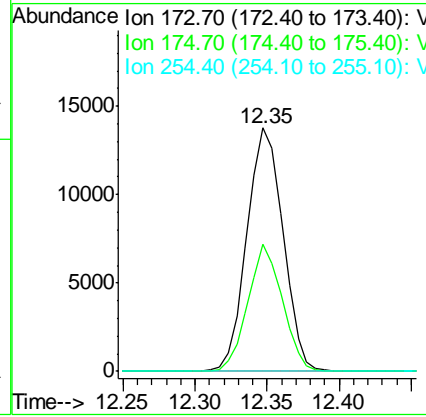
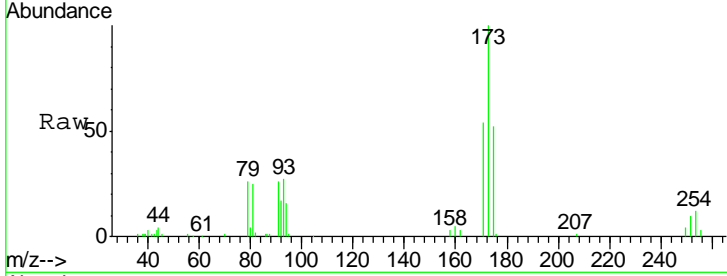
#71  
 Bromoform  
 Concen: 19.342 ug/l  
 RT: 12.35 min Scan# 1713  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

Tgt Ion	Resp	Lower	Upper
173	100		
175	49.6	24.8	74.3
254	0.0	0.0	0.0

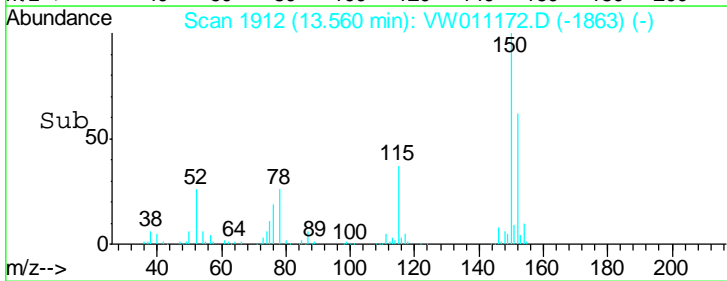
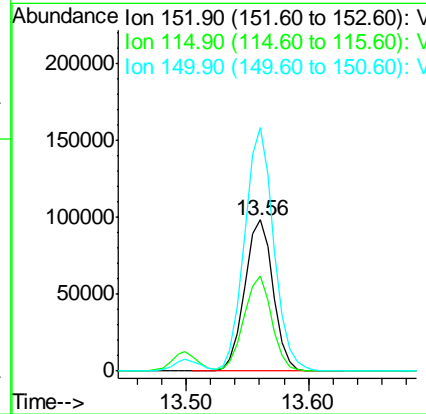
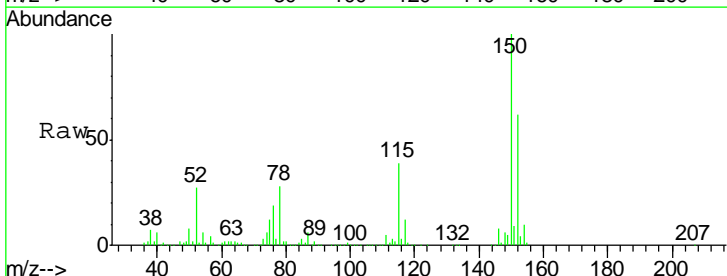
**Manual Integrations**  
**APPROVED**

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 7/10/2019 10:47:32 AM

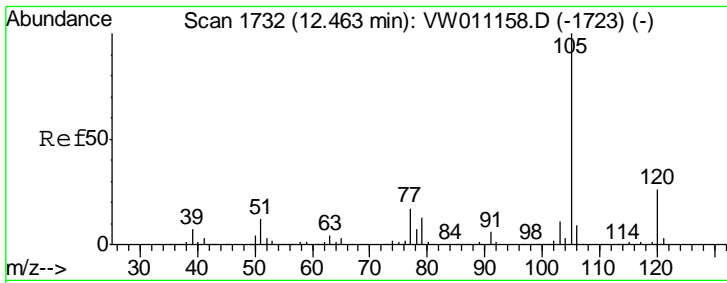


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.56 min Scan# 1912  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
152	100		
115	61.4	30.1	90.3
150	165.0	0.0	346.0





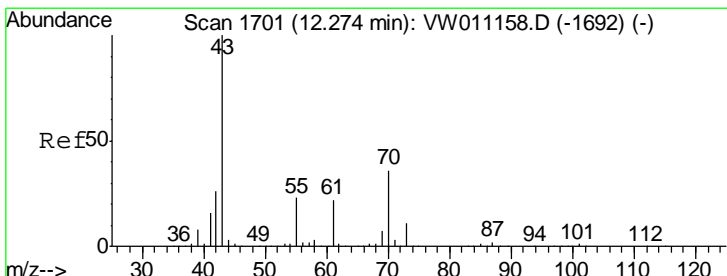
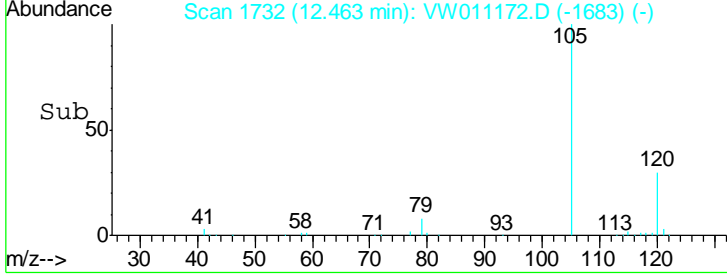
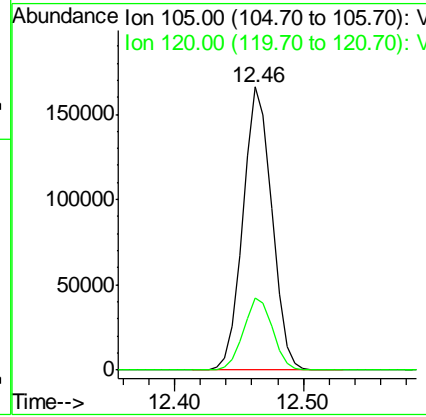
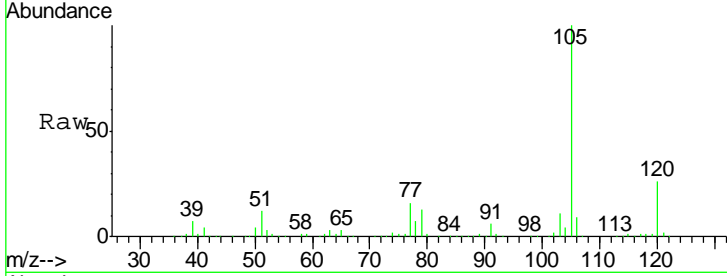


#73  
 Isopropylbenzene  
 Concen: 21.662 ug/l  
 RT: 12.46 min Scan# 1732  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

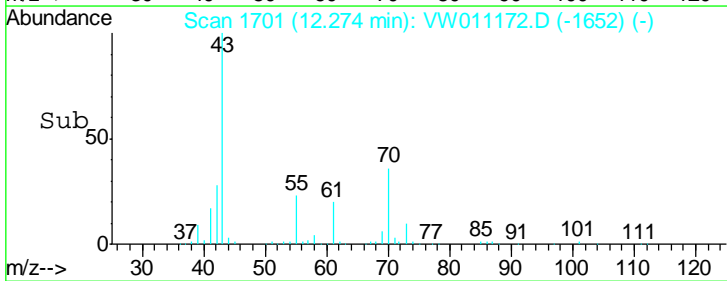
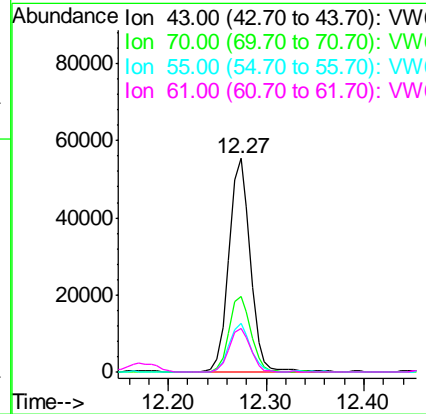
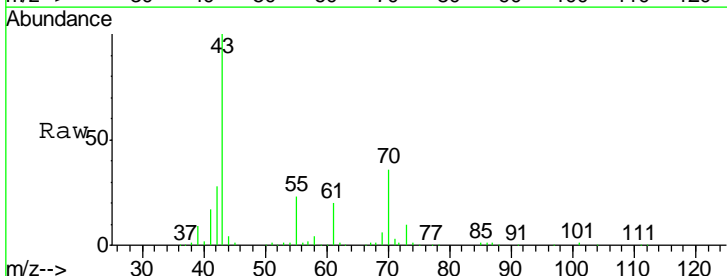
Tgt Ion	Resp	Lower	Upper
105	100		
120	25.7	12.8	38.3

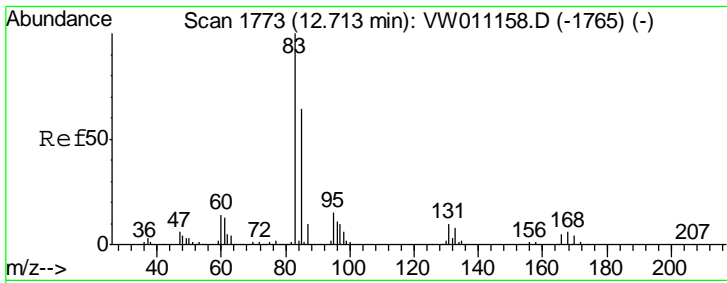
Manual Integrations  
**APPROVED**  
 MMDadoda  
 7/10/2019 10:47:32 AM



#74  
 N-amil acetate  
 Concen: 20.399 ug/l  
 RT: 12.27 min Scan# 1701  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
43	100		
70	36.1	28.5	42.7
55	22.8	18.1	27.1
61	20.6	17.2	25.8



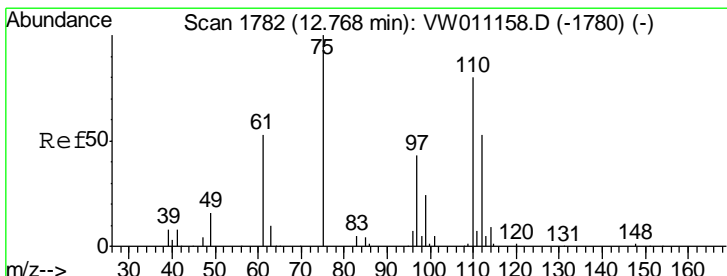
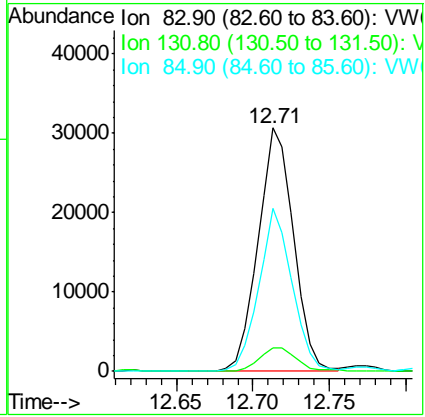
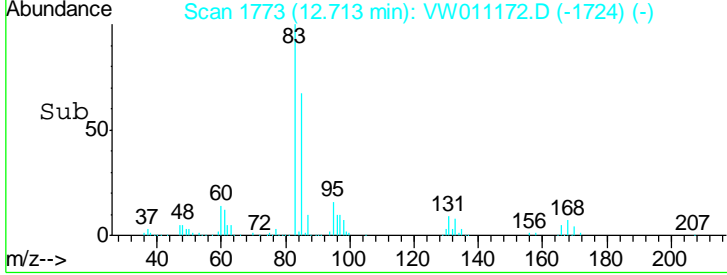
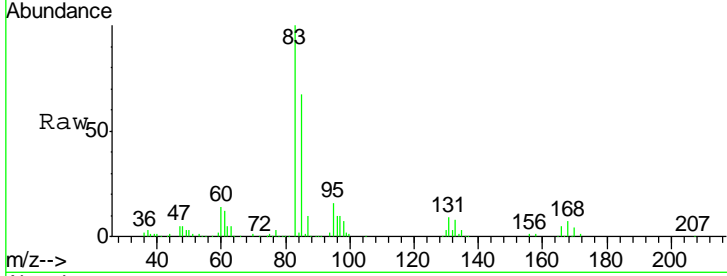


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.430 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

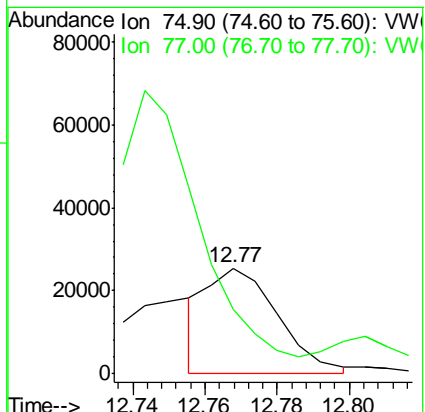
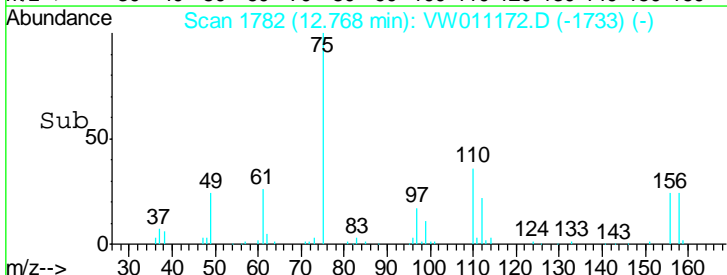
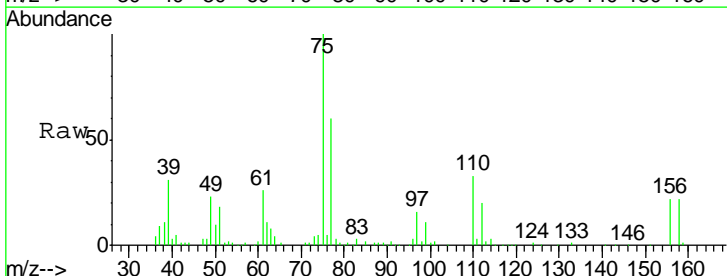
Tgt Ion	Resp	Lower	Upper
83	49528		
83	100		
131	10.2	5.0	15.0
85	63.0	31.6	94.8

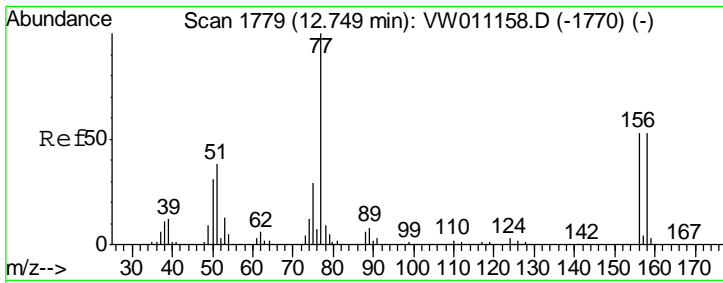
Manual Integrations  
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#76  
 1,2,3-Trichloropropane  
 Concen: 19.029 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
75	34790		
75	100		
77	0.0	0.0	0.0





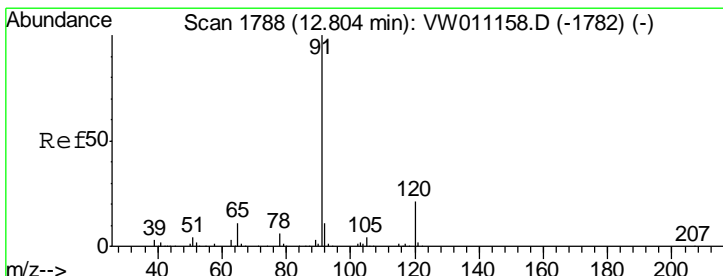
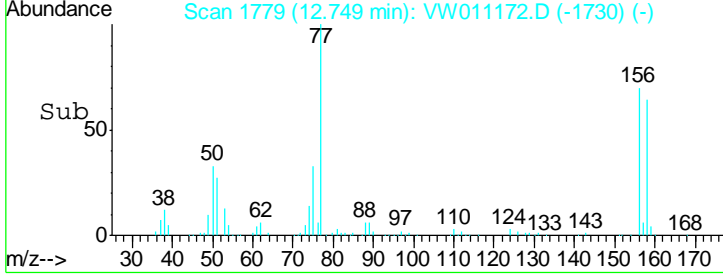
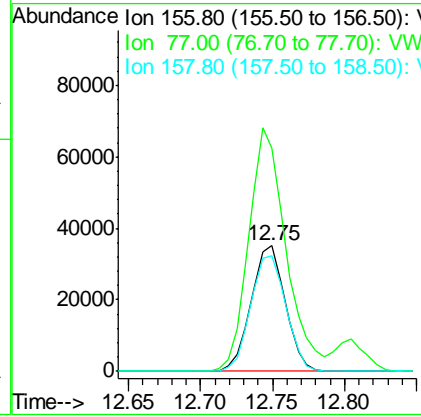
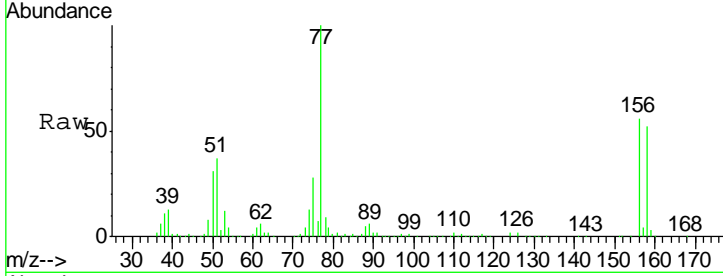
#77  
 Bromobenzene  
 Concen: 21.637 ug/l  
 RT: 12.75 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

Tgt Ion	Resp	Lower	Upper
156	57427		
77	211.4	109.0	327.0
158	95.0	48.8	146.3

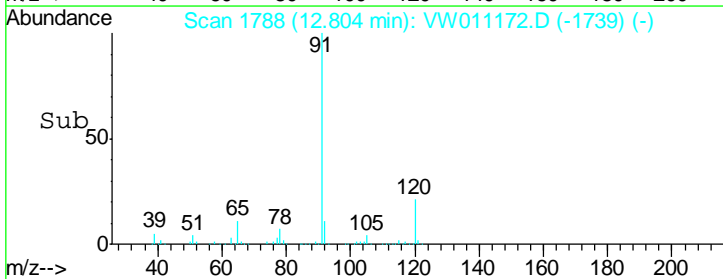
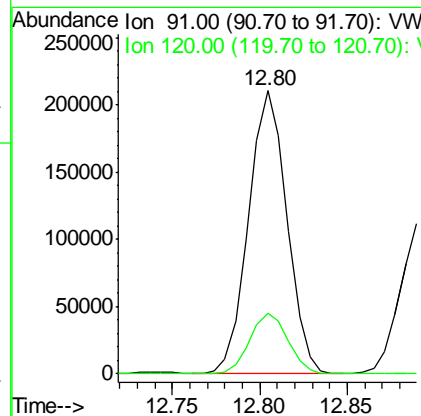
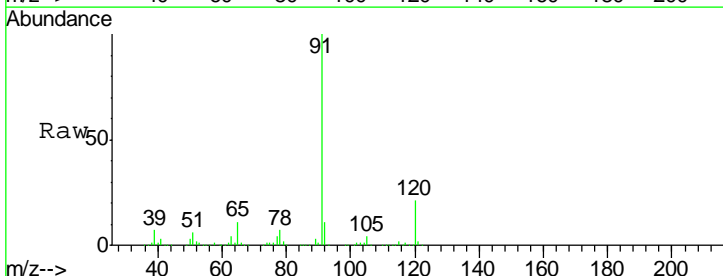
Manual Integrations  
 APPROVED

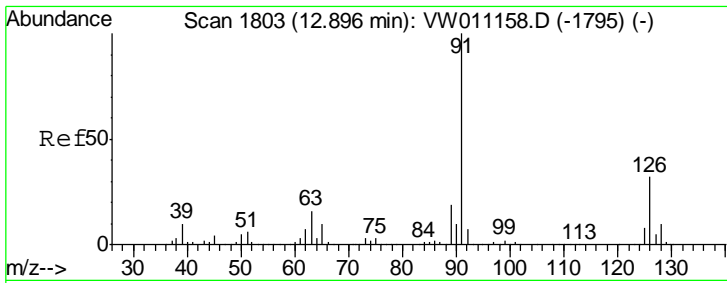
MMDadoda  
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#78  
 n-propylbenzene  
 Concen: 21.949 ug/l  
 RT: 12.80 min Scan# 1788  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
91	319769		
120	21.5	10.8	32.3



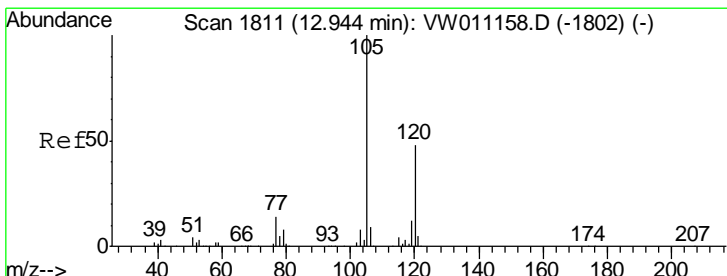
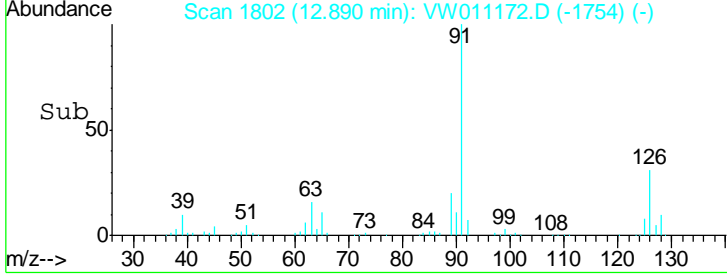
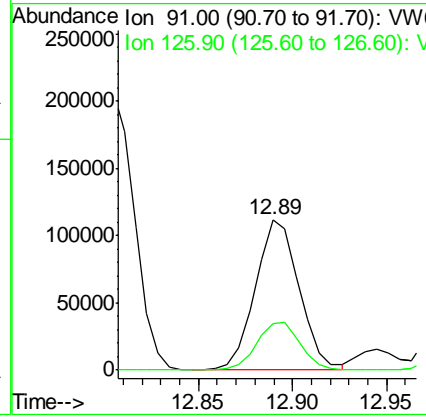
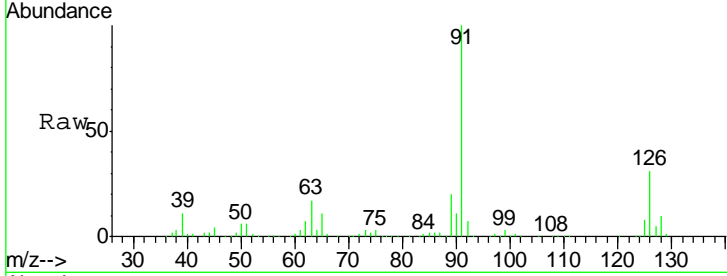


#79  
 2-Chlorotoluene  
 Concen: 21.516 ug/l  
 RT: 12.89 min Scan# 1802  
 Delta R.T. -0.01 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

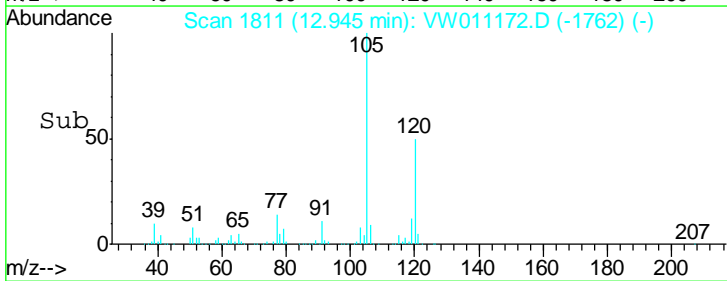
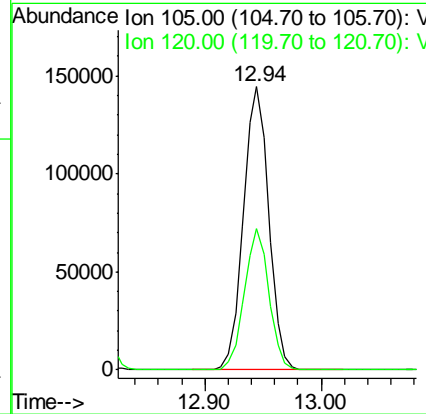
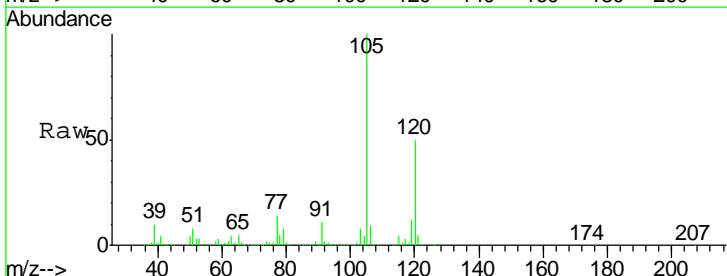
Tgt Ion	Resp	Lower	Upper
91	100		
126	31.9	15.8	47.3

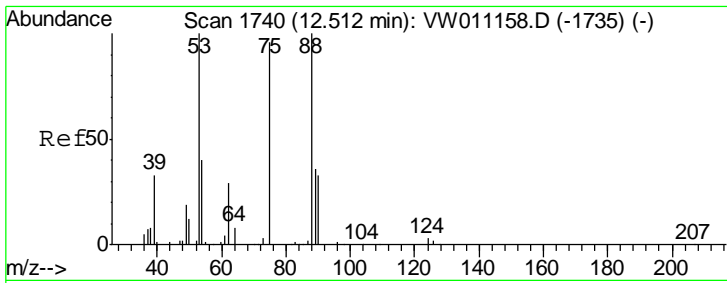
Manual Integrations  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.848 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
105	100		
120	48.1	24.1	72.2



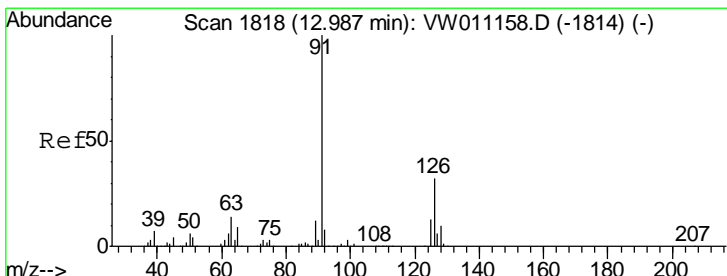
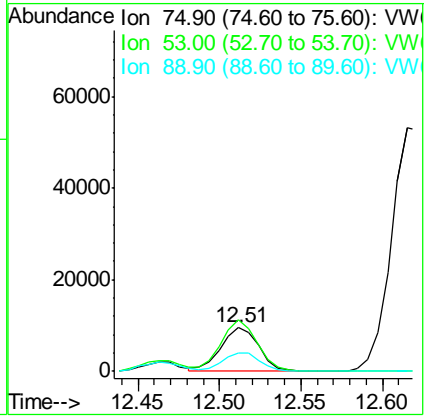
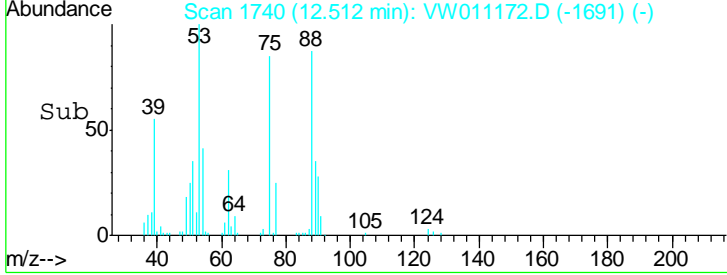
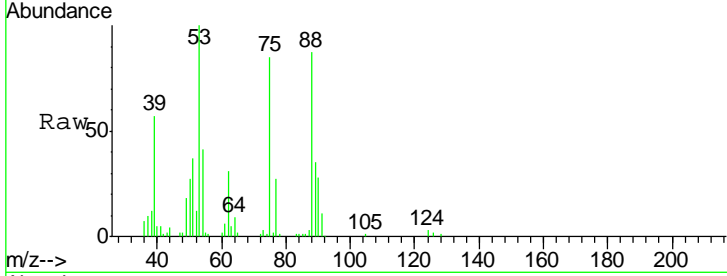


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 19.134 ug/l  
 RT: 12.51 min Scan# 1740  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 ClientSampled : VW0709SBS01

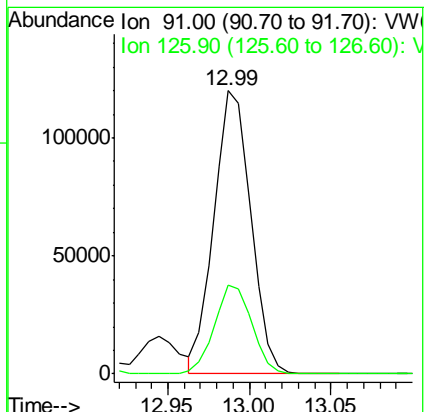
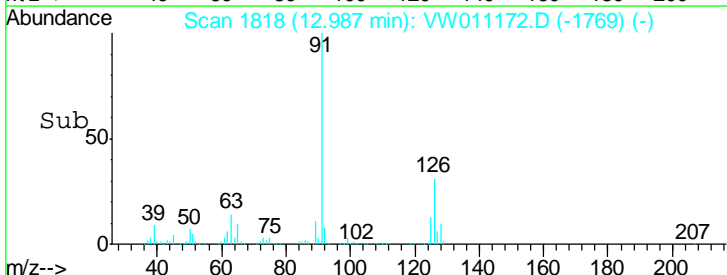
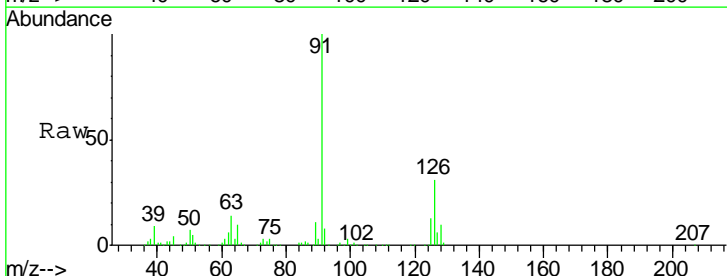
Tgt Ion	Resp	Lower	Upper
75	15467		
75	100		
53	113.4	89.8	134.6
89	41.3	34.3	51.5

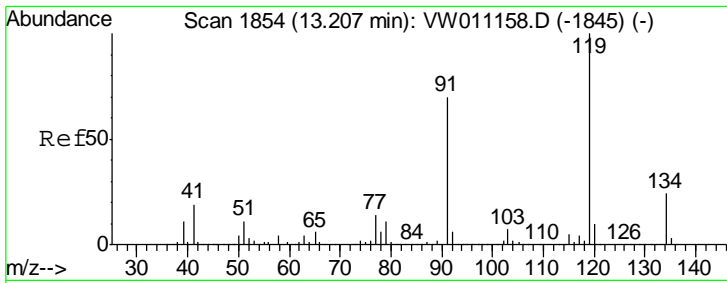
Manual Integrations  
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#82  
 4-Chlorotoluene  
 Concen: 21.684 ug/l  
 RT: 12.99 min Scan# 1818  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
91	189346		
91	100		
126	32.0	15.7	47.1





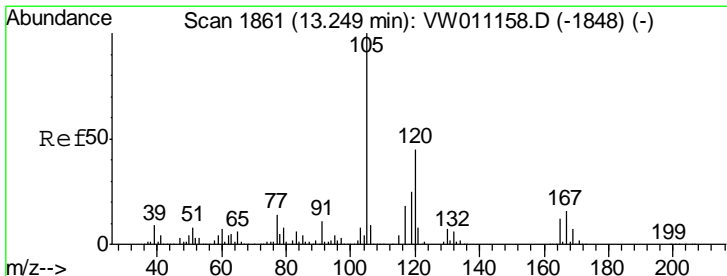
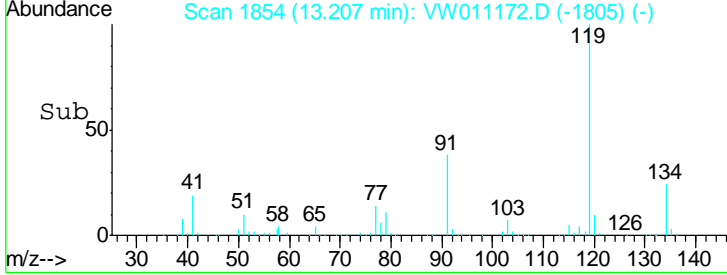
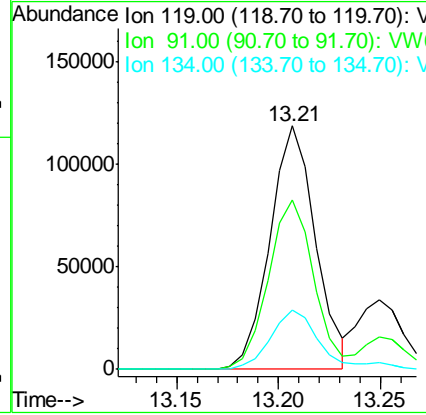
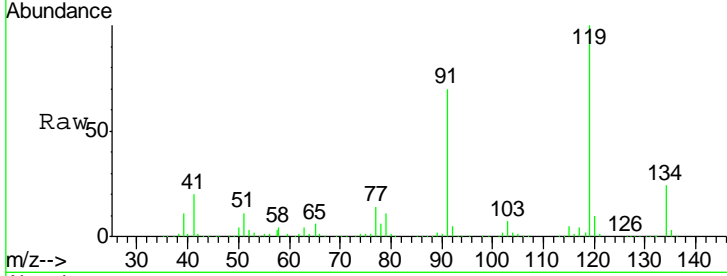
#83  
 tert-Butylbenzene  
 Concen: 22.030 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

Tgt Ion	Resp	Lower	Upper
119	184602		
91	69.2	35.4	106.3
134	26.8	13.4	40.2

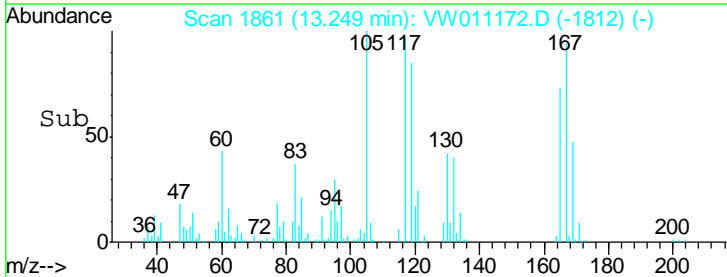
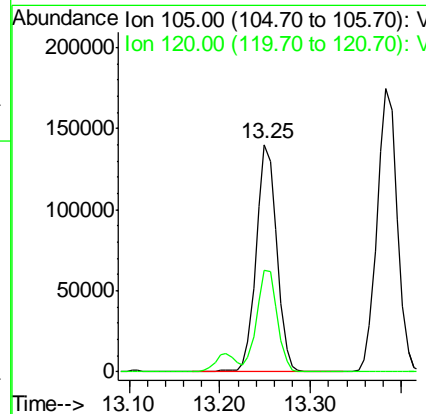
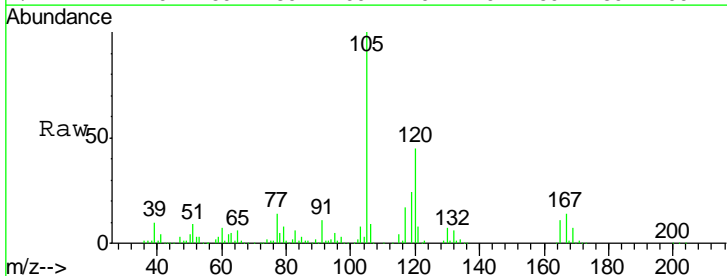
**Manual Integrations**  
**APPROVED**

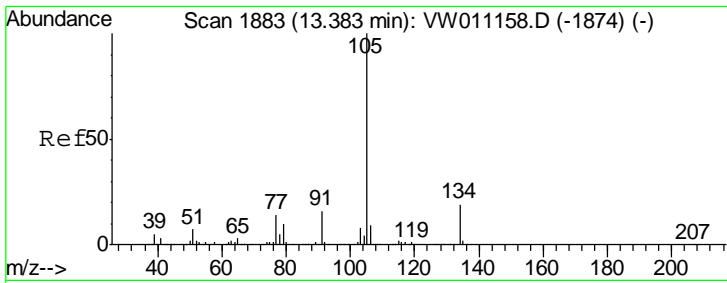
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.832 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

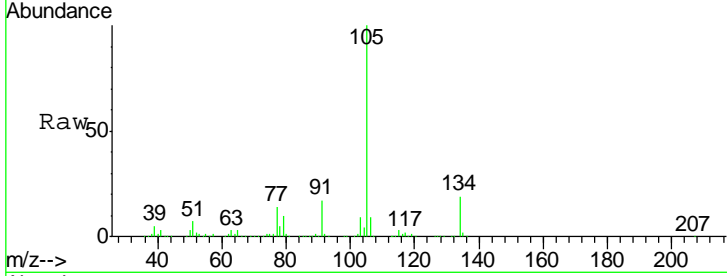
Tgt Ion	Resp	Lower	Upper
105	220261		
120	44.4	22.3	66.9





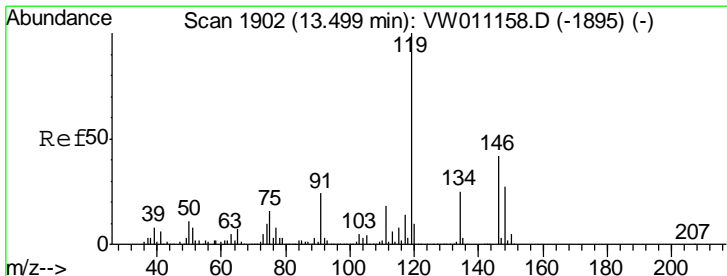
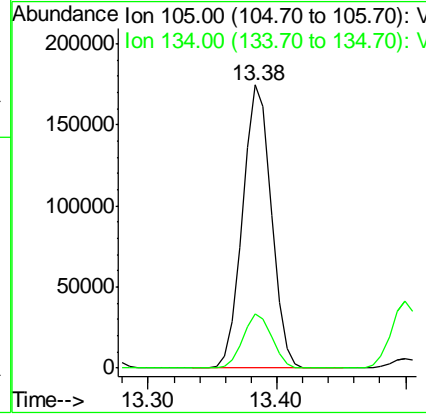
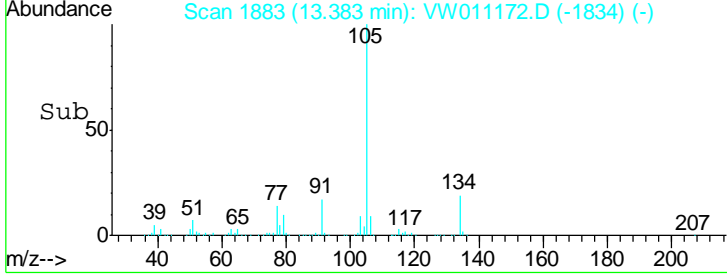
#85  
 sec-Butylbenzene  
 Concen: 22.241 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**Client Sampled :**  
 VW0709SBS01

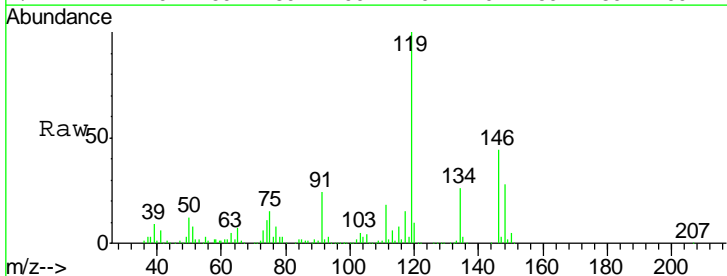


Tgt Ion: 105 Resp: 268917  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 28.9

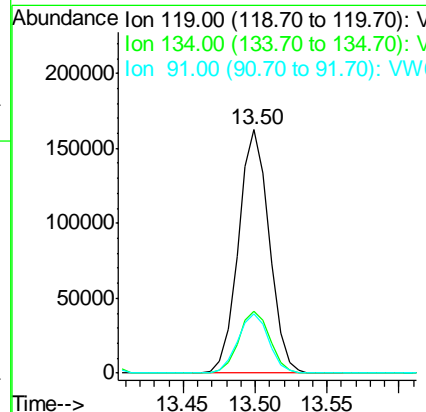
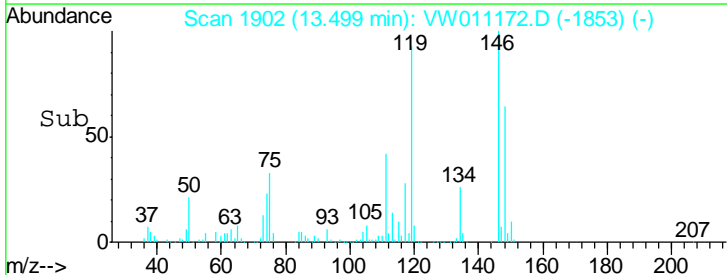
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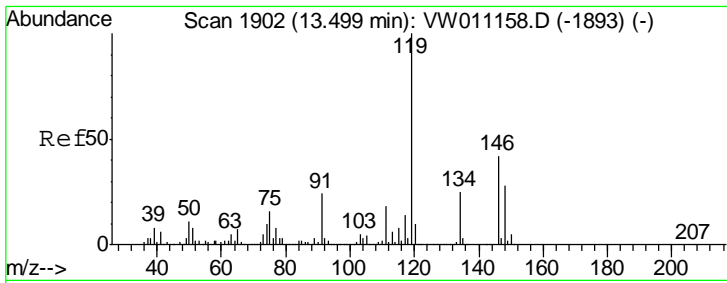


#86  
 p-Isopropyltoluene  
 Concen: 22.194 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05



Tgt Ion: 119 Resp: 240684  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.9 38.6  
 91 24.5 12.3 36.8



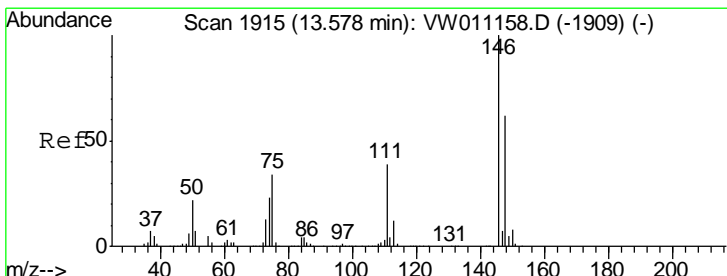
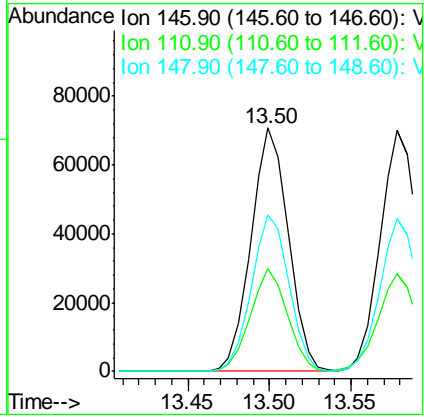
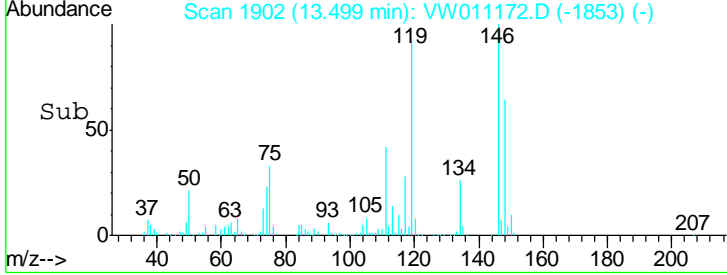
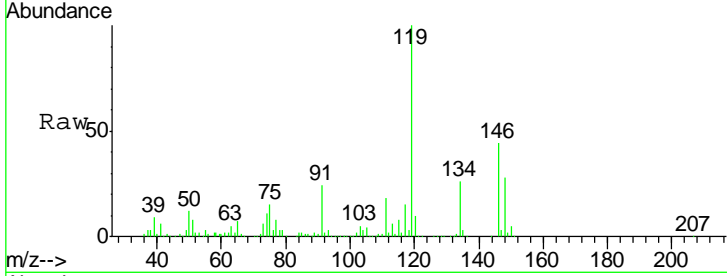


#87  
 1,3-Dichlorobenzene  
 Concen: 22.018 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument : MSVOA\_W  
 Client Sampled : VW0709SBS01

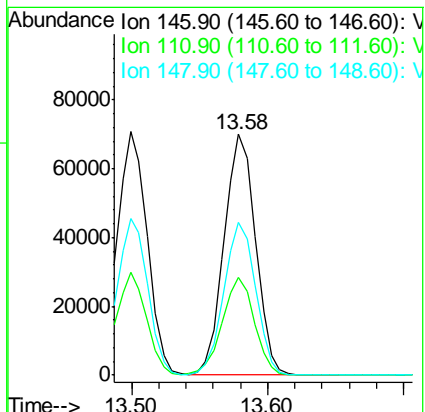
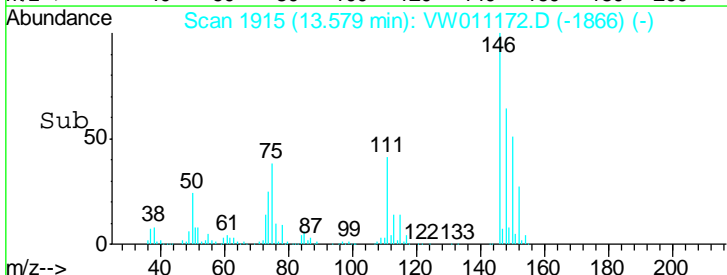
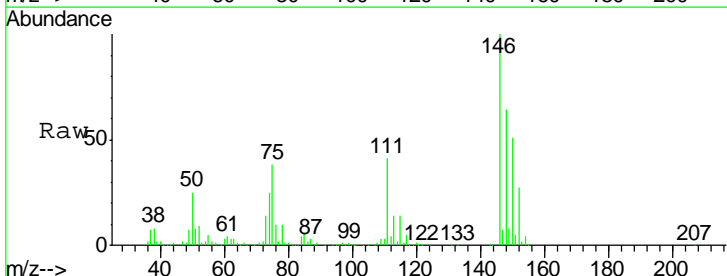
Tgt Ion	Resp	Lower	Upper
146	112438		
146	100		
111	41.7	21.1	63.1
148	64.5	32.6	97.7

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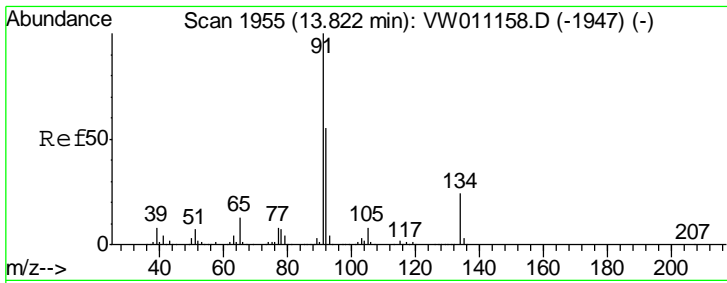


#88  
 1,4-Dichlorobenzene  
 Concen: 21.898 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
146	112605		
146	100		
111	41.5	19.9	59.7
148	64.0	31.5	94.5







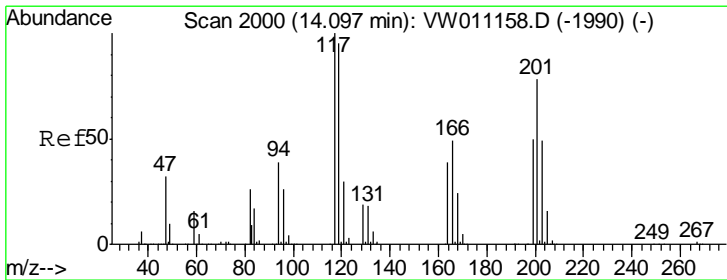
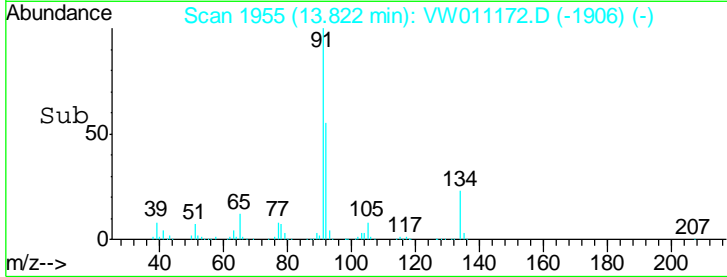
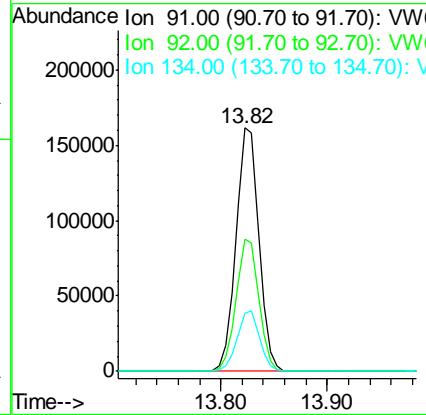
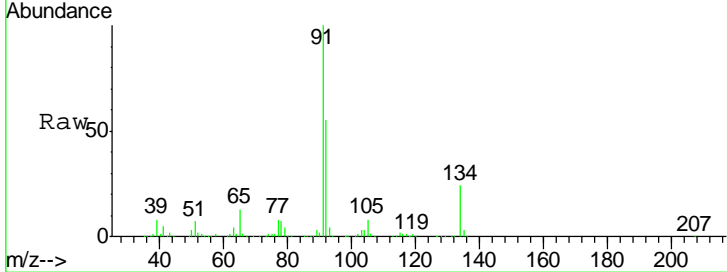
#89  
 n-Butylbenzene  
 Concen: 22.646 ug/l  
 RT: 13.82 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01

Tgt Ion	Resp	Lower	Upper
91	100		
92	53.9	26.9	80.7
134	24.3	12.2	36.4

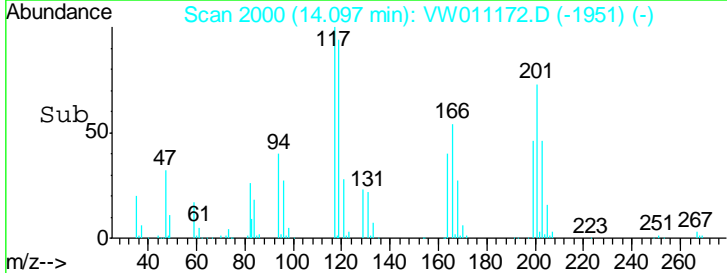
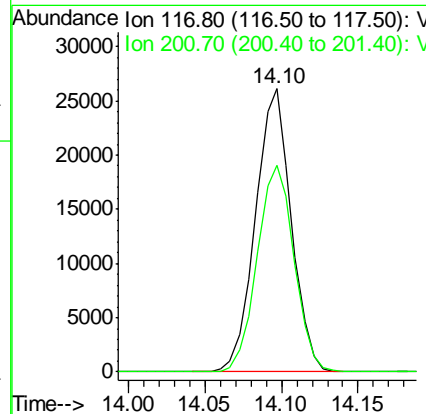
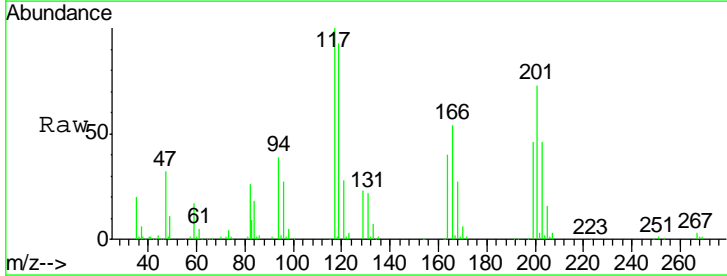
**Manual Integrations**  
**APPROVED**

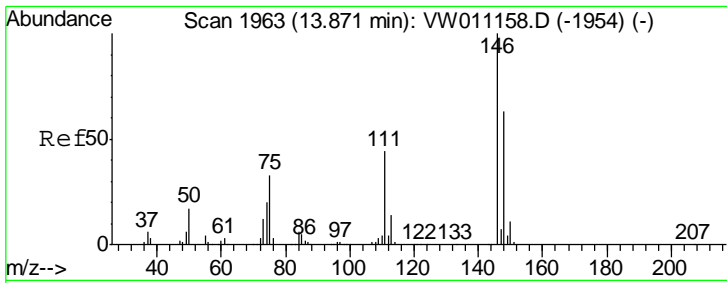
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#90  
 Hexachloroethane  
 Concen: 21.384 ug/l  
 RT: 14.10 min Scan# 2000  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Tgt Ion	Resp	Lower	Upper
117	100		
201	75.5	38.3	114.8





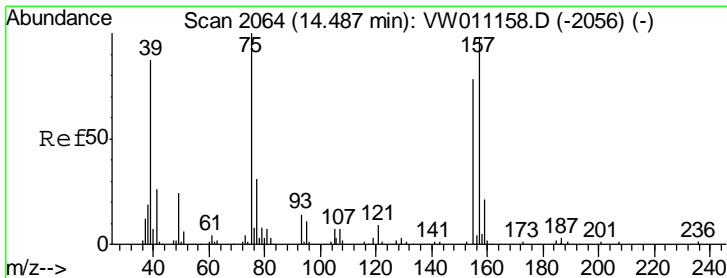
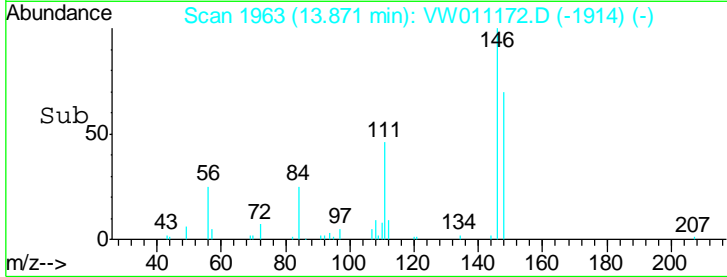
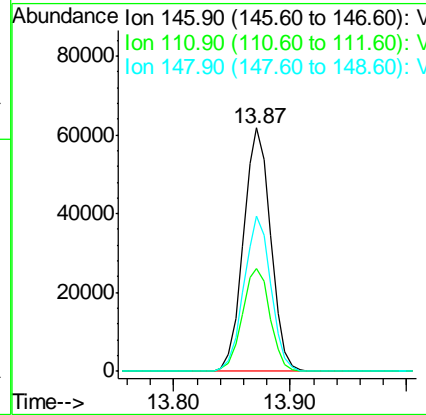
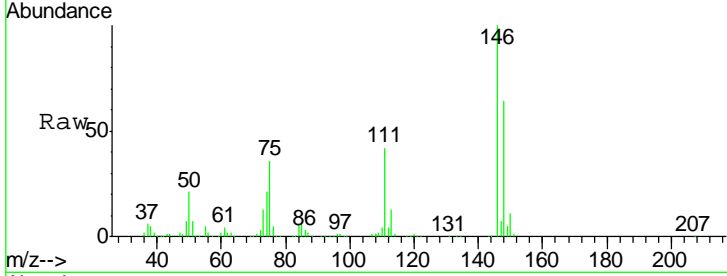
#91  
 1,2-Dichlorobenzene  
 Concen: 21.741 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0709SBS01

Tgt Ion	Resp	Lower	Upper
146	100718		
111	42.8	21.6	65.0
148	63.3	31.9	95.5

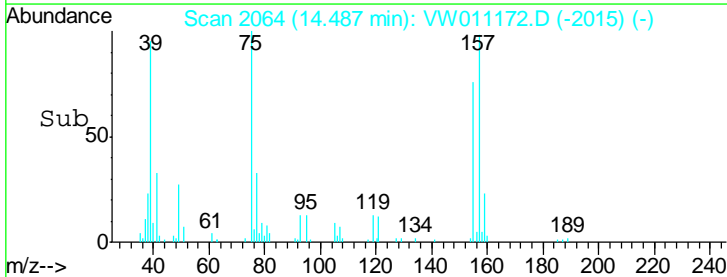
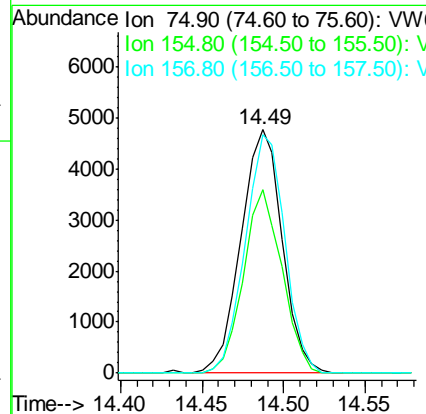
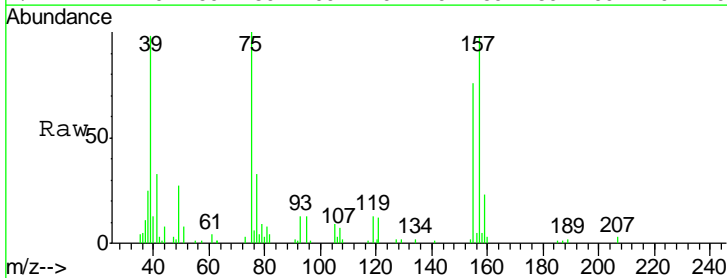
Manual Integrations  
 APPROVED

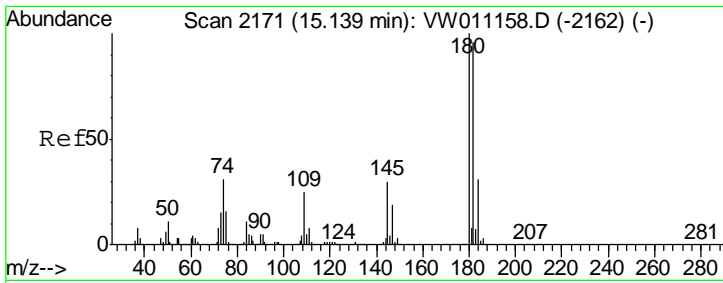
MMDadoda  
 7/10/2019 10:47:32 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.564 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

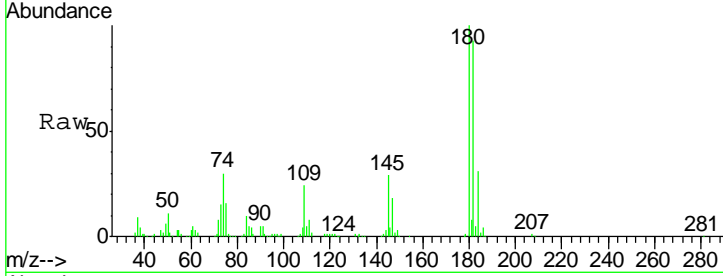
Tgt Ion	Resp	Lower	Upper
75	8413		
155	70.1	37.1	111.3
157	93.7	48.5	145.6





#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.811 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

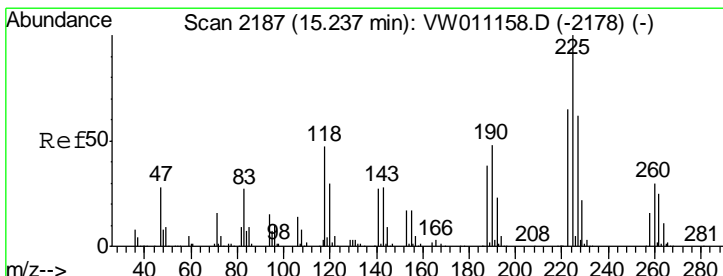
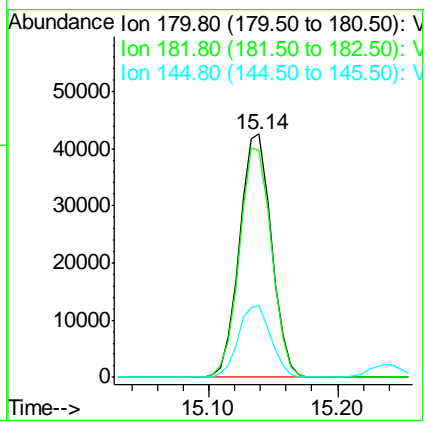
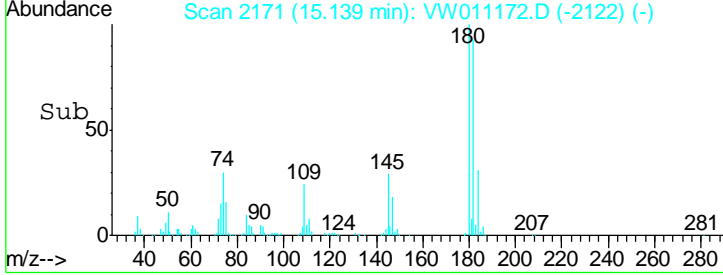
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01



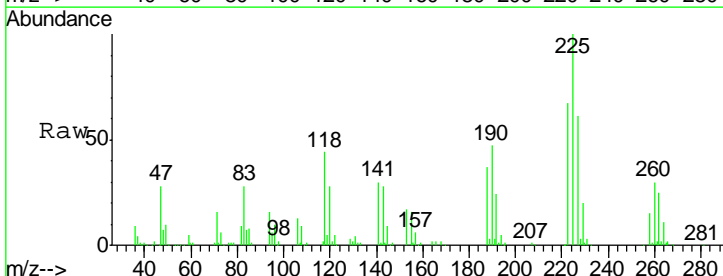
Tgt Ion: 180 Resp: 72787

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.3	144.9
145	30.1	15.5	46.5

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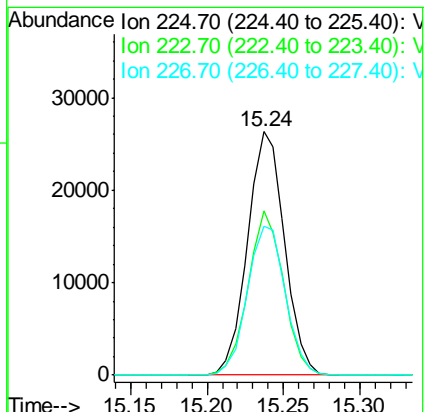
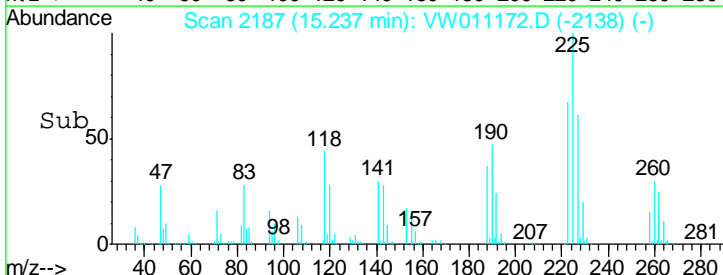


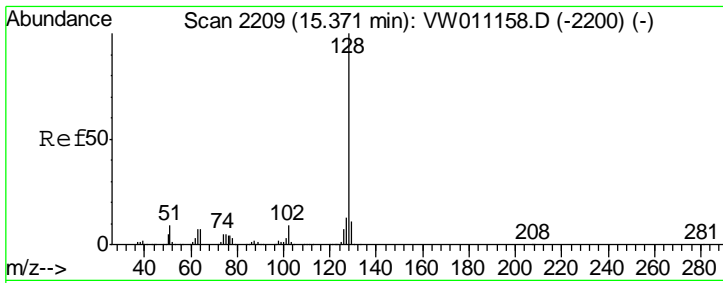
#94  
 Hexachlorobutadiene  
 Concen: 22.560 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05



Tgt Ion: 225 Resp: 44195

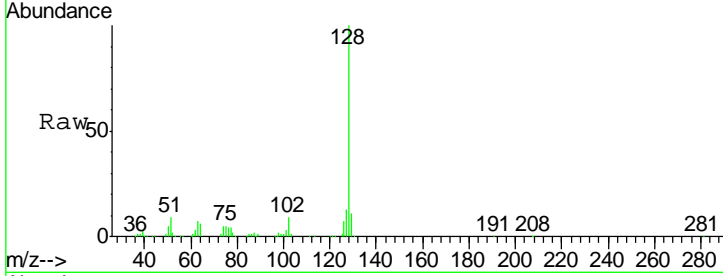
Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.6	95.0
227	63.0	32.0	96.0





#95  
 Naphthalene  
 Concen: 21.057 ug/l  
 RT: 15.37 min Scan# 2209  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05

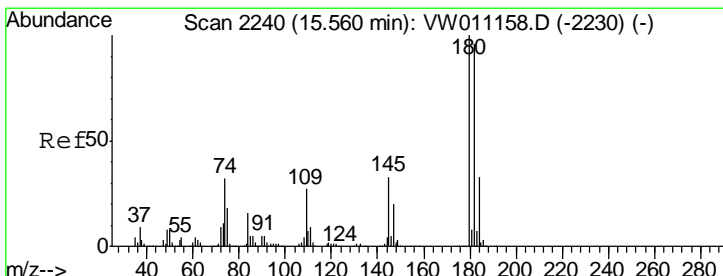
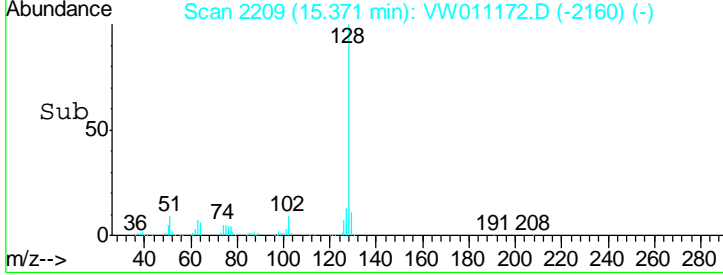
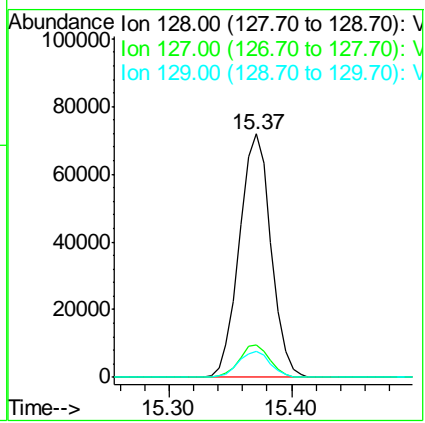
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VW0709SBS01



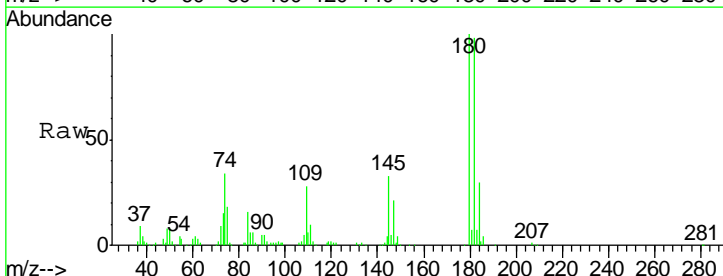
Tgt Ion: 128 Resp: 128759

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.8	8.7	13.1

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#96  
 1,2,3-Trichlorobenzene  
 Concen: 22.273 ug/l  
 RT: 15.56 min Scan# 2240  
 Delta R.T. 0.00 min  
 Lab File: VW011172.D  
 Acq: 09 Jul 2019 12:05



Tgt Ion: 180 Resp: 62725

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	32.3	16.5	49.5

