

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\  
 Data File : VW009077.D  
 Acq On : 11 Mar 2019 10:38  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

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 3/12/2019 1:15:36 PM

Quant Time: Mar 12 08:30:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W030719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 08 05:22:30 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	307849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	423012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	230578	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136497	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
35) Dibromofluoromethane	7.88	113	121083	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	10.32	98	536911	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.62	95	201559	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	139763	45.048	ug/l	100
3) Chloromethane	2.21	50	182520	46.310	ug/l	100
4) Vinyl Chloride	2.35	62	184956	46.242	ug/l	100
5) Bromomethane	2.76	94	156773	46.433	ug/l	100
6) Chloroethane	2.92	64	128394	45.091	ug/l	97
7) Trichlorofluoromethane	3.26	101	244208	47.420	ug/l	95
8) Diethyl Ether	3.69	74	63479	40.312	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	148884	46.418	ug/l	99
10) Methyl Iodide	4.27	142	151384	43.924	ug/l	99
11) Tert butyl alcohol	5.18	59	43206	182.039	ug/l	99
12) 1,1-Dichloroethene	4.03	96	127368	46.035	ug/l	98
13) Acrolein	3.90	56	60653	232.231	ug/l	98
14) Allyl chloride	4.67	41	224198	45.939	ug/l	98
15) Acrylonitrile	5.37	53	145764	212.092	ug/l	99
16) Acetone	4.14	43	177432	253.865	ug/l	99
17) Carbon Disulfide	4.38	76	448172	48.144	ug/l	99
18) Methyl Acetate	4.68	43	65529	40.773	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	313257	42.801	ug/l	100
20) Methylene Chloride	4.92	84	153566	46.306	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	147713	46.237	ug/l	97
22) Diisopropyl ether	6.31	45	445520	45.936	ug/l	97
23) Vinyl Acetate	6.26	43	1298568	215.160	ug/l	99
24) 1,1-Dichloroethane	6.21	63	262815	46.719	ug/l	98
25) 2-Butanone	7.17	43	213548	221.081	ug/l	97
26) 2,2-Dichloropropane	7.16	77	250954	49.078	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	157498	45.904	ug/l	98
28) Bromochloromethane	7.51	49	109418	46.762	ug/l	96
29) Tetrahydrofuran	7.53	42	120314	197.656	ug/l	99
30) Chloroform	7.67	83	271459	46.871	ug/l	97
31) Cyclohexane	7.95	56	256506	44.408	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	253135	47.361	ug/l	100
36) 1,1-Dichloropropene	8.08	75	217353	49.141	ug/l	99
37) Ethyl Acetate	7.26	43	81495	39.226	ug/l	99
38) Carbon Tetrachloride	8.07	117	229463	50.234	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	268179	50.905	ug/l	97
40) Benzene	8.32	78	591096	50.062	ug/l	99
41) Methacrylonitrile	7.48	41	47779	41.414	ug/l	98
42) 1,2-Dichloroethane	8.40	62	175039	45.920	ug/l	100
43) Isopropyl Acetate	8.42	43	163523	42.260	ug/l	99
44) Trichloroethene	9.09	130	159007	48.049	ug/l	98
45) 1,2-Dichloropropane	9.37	63	143752	48.611	ug/l	100
46) Dibromomethane	9.46	93	75123	46.515	ug/l	99
47) Bromodichloromethane	9.64	83	197094	48.210	ug/l	99
48) Methyl methacrylate	9.43	41	80403	44.625	ug/l	92
49) 1,4-Dioxane	9.45	88	21737	939.899	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	425509	216.612	ug/l	100
52) Toluene	10.39	92	413749	51.670	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	196201	48.523	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	224572	48.331	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101974	46.585	ug/l	99
56) Ethyl methacrylate	10.65	69	128432	47.275	ug/l	98
57) 1,3-Dichloropropane	10.93	76	176105	45.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	325547	231.151	ug/l	99
59) 2-Hexanone	10.97	43	336062	243.324	ug/l	98
60) Dibromochloromethane	11.13	129	128852	47.565	ug/l	98
61) 1,2-Dibromoethane	11.24	107	97654	45.507	ug/l	100
64) Tetrachloroethene	10.86	164	150157	50.309	ug/l	98
65) Chlorobenzene	11.66	112	447158	49.637	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	148221	49.277	ug/l	99
67) Ethyl Benzene	11.73	91	830220	51.014	ug/l	99
68) m/p-Xylenes	11.84	106	660155	102.769	ug/l	99
69) o-Xylene	12.16	106	303825	50.833	ug/l	99
70) Styrene	12.18	104	492301	50.908	ug/l	99
71) Bromoform	12.35	173	76112	47.126	ug/l #	97
73) Isopropylbenzene	12.46	105	856665	51.881	ug/l	100
74) N-amyl acetate	12.27	43	176377	45.122	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	115315	44.273	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	84127m	46.179	ug/l	
77) Bromobenzene	12.75	156	191948	50.877	ug/l	94
78) n-propylbenzene	12.80	91	1069325	52.576	ug/l	100
79) 2-Chlorotoluene	12.90	91	583053	51.024	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	740438	52.022	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38332	47.064	ug/l	97
82) 4-Chlorotoluene	12.99	91	618084	50.742	ug/l	99
83) tert-Butylbenzene	13.21	119	625889	52.140	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	755870	52.499	ug/l	99
85) sec-Butylbenzene	13.39	105	936315	52.645	ug/l	99
86) p-Isopropyltoluene	13.50	119	837536	52.641	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	403679	50.913	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	394763	50.380	ug/l	100
89) n-Butylbenzene	13.83	91	814968	53.881	ug/l	99
90) Hexachloroethane	14.10	117	145872	53.160	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	349374	49.943	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21802	46.997	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	239722	50.742	ug/l	98
94) Hexachlorobutadiene	15.24	225	155110	52.417	ug/l	99
95) Naphthalene	15.37	128	373298	48.270	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	200845	48.347	ug/l	99

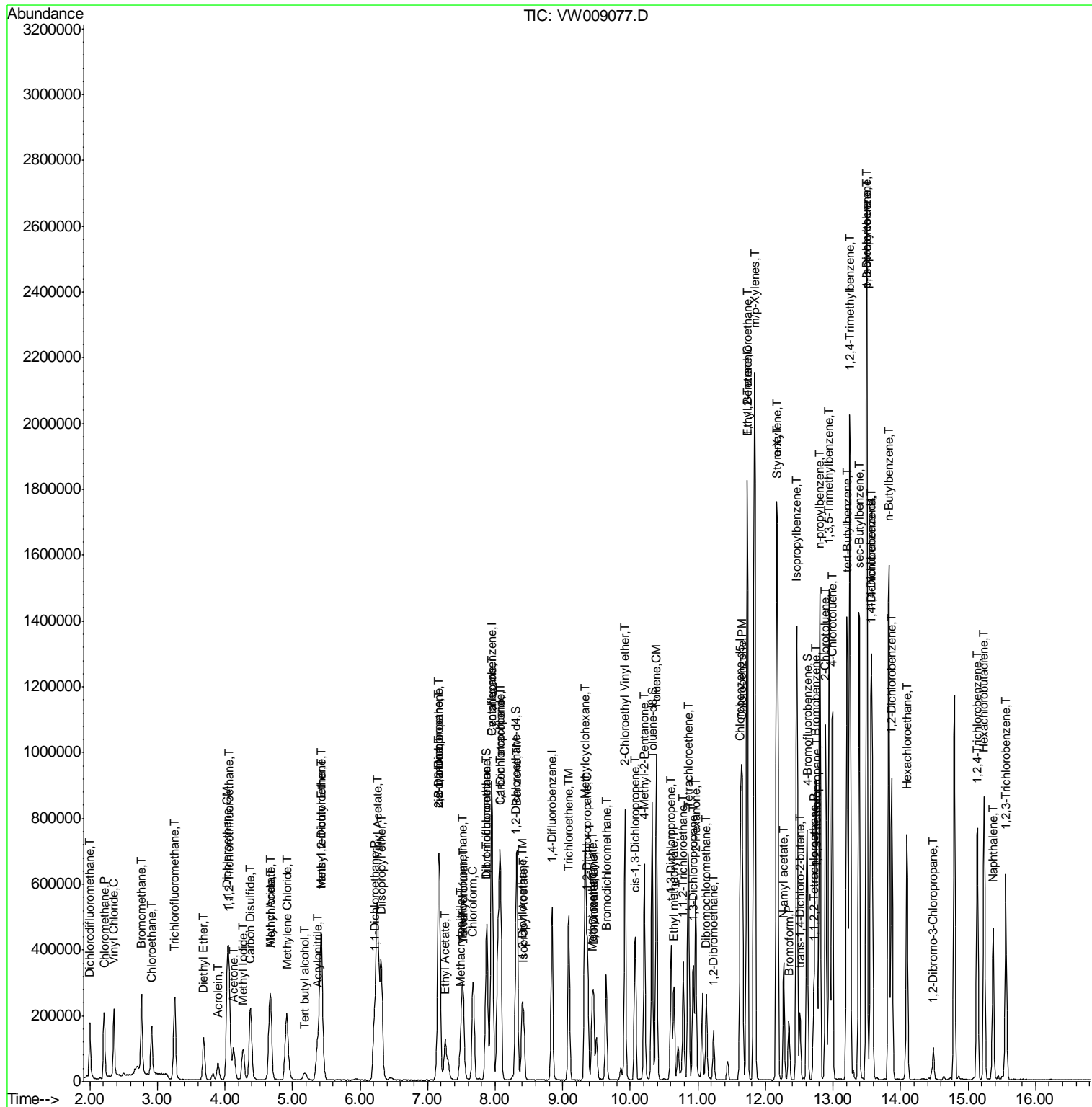
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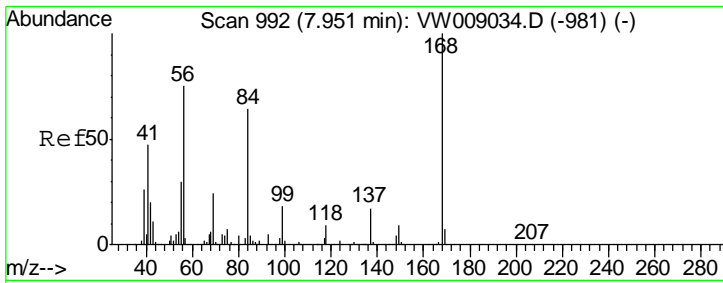
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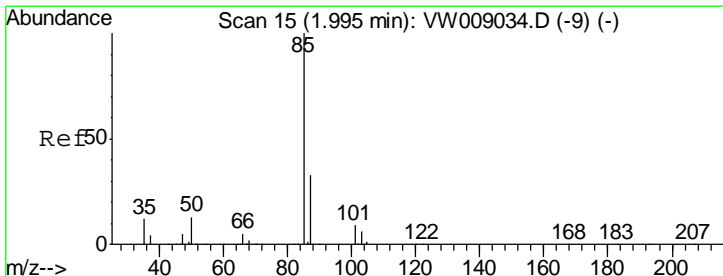
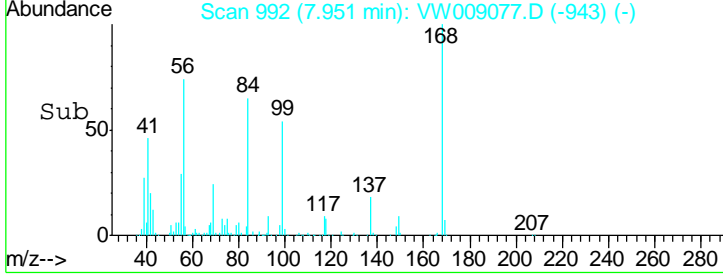
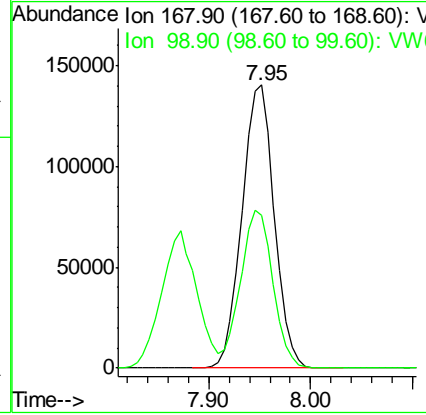
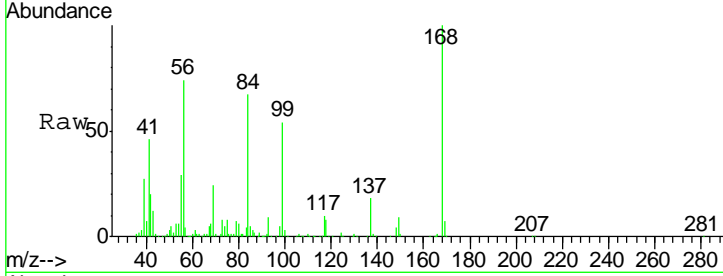
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
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 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
168	100		
99	53.9	42.2	63.2

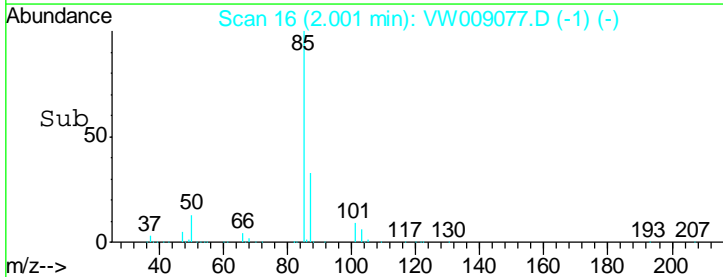
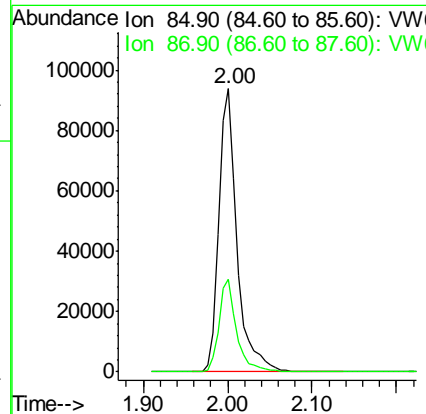
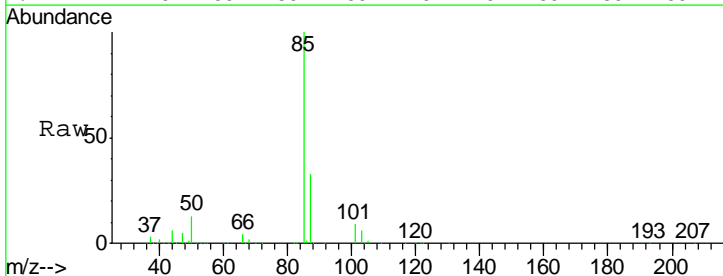
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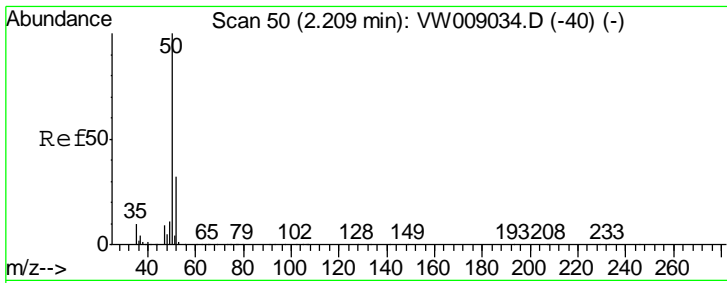
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#2  
 Dichlorodifluoromethane  
 Concen: 45.048 ug/l  
 RT: 2.00 min Scan# 16  
 Delta R.T. 0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
85	100		
87	32.8	16.3	48.9



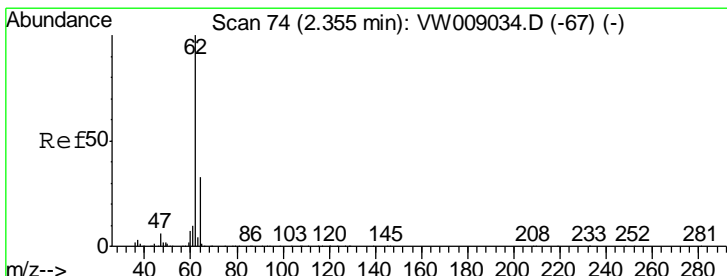
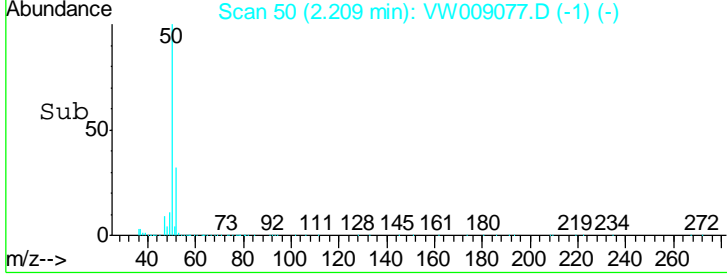
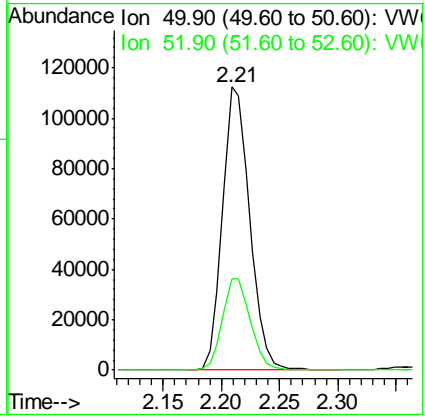
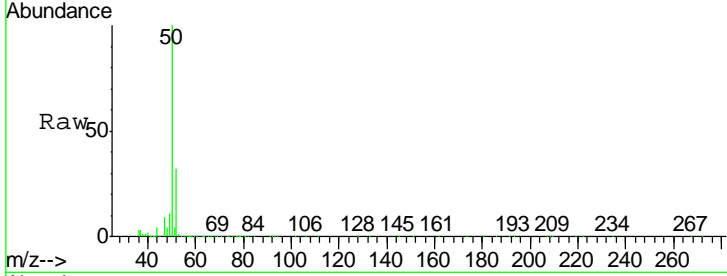


#3  
 Chloromethane  
 Concen: 46.310 ug/l  
 RT: 2.21 min Scan# 50  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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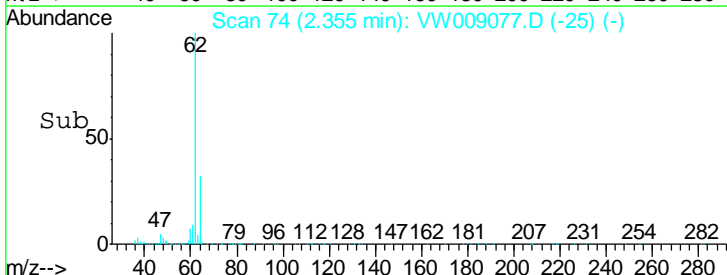
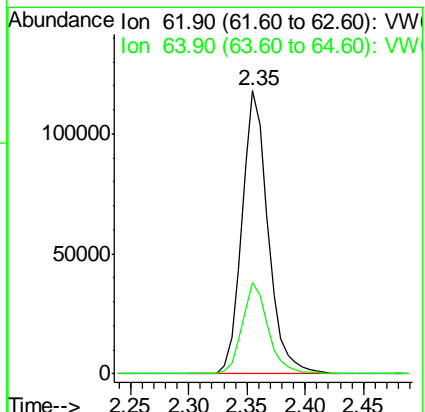
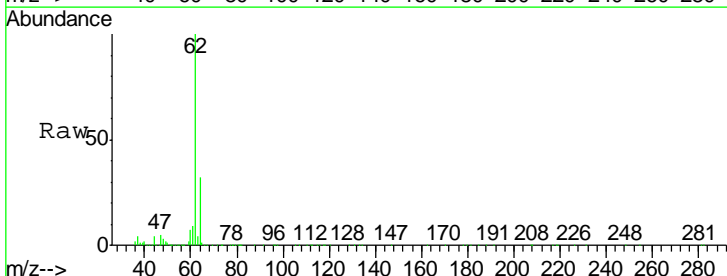
Tgt Ion	Resp	Lower	Upper
50	182520		
52	32.0	25.4	38.2

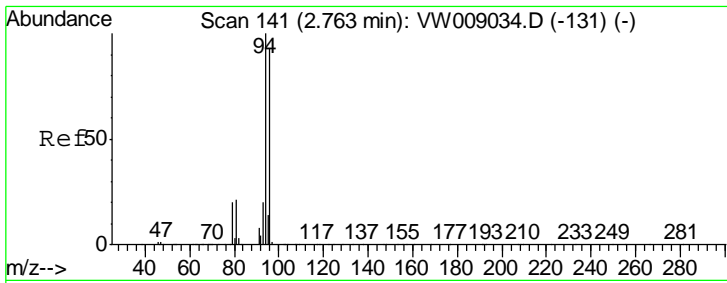
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#4  
 Vinyl Chloride  
 Concen: 46.242 ug/l  
 RT: 2.35 min Scan# 74  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
62	184956		
64	32.3	26.0	39.0



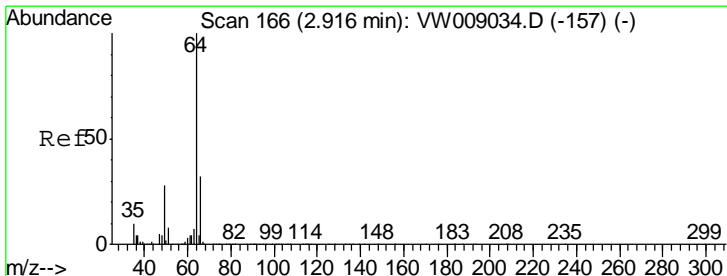
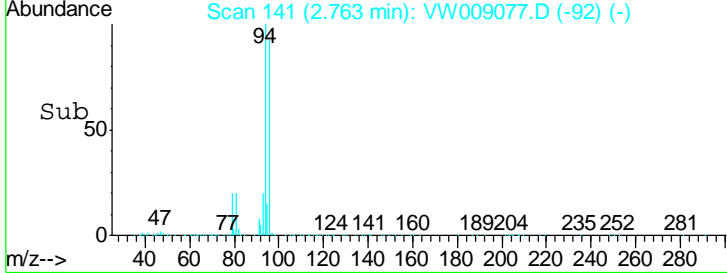
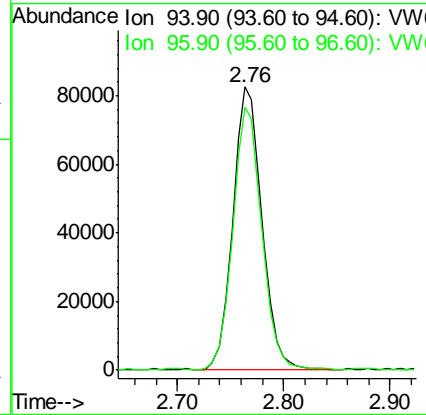
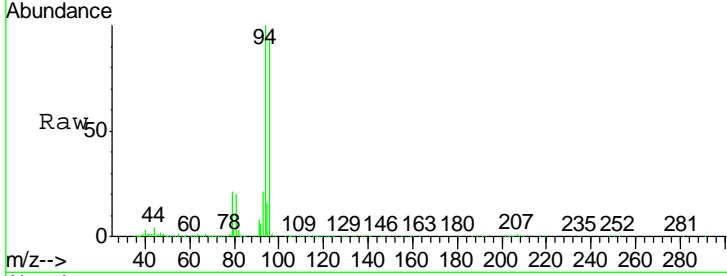


#5  
 Bromomethane  
 Concen: 46.433 ug/l  
 RT: 2.76 min Scan# 141  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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 VSTDCCC050

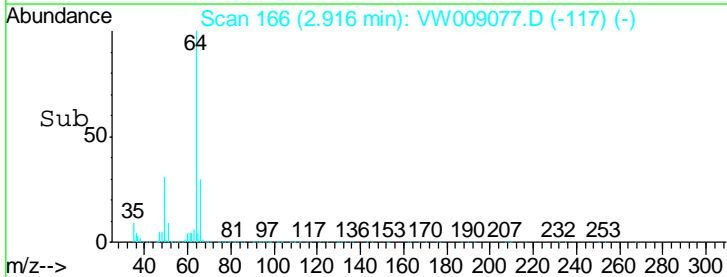
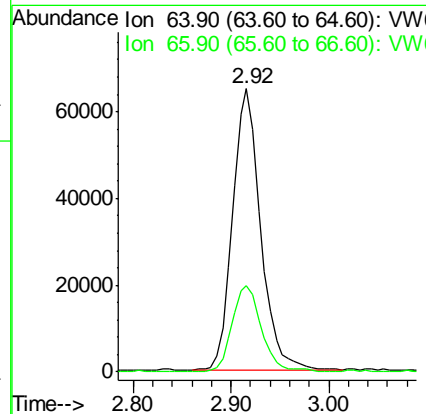
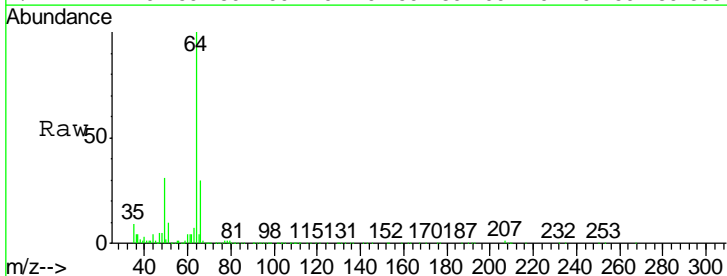
Tgt Ion	Resp	Lower	Upper
94	156773		
96	92.9	74.4	111.6

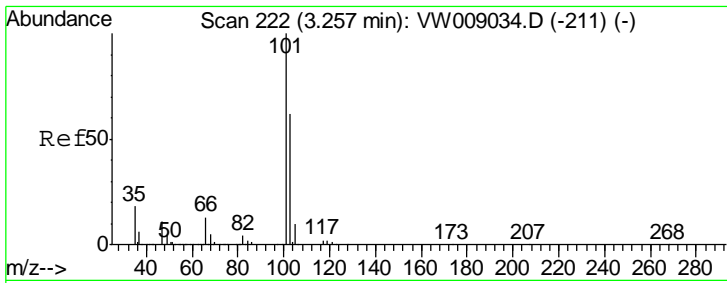
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#6  
 Chloroethane  
 Concen: 45.091 ug/l  
 RT: 2.92 min Scan# 166  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
64	128394		
66	30.5	25.5	38.3





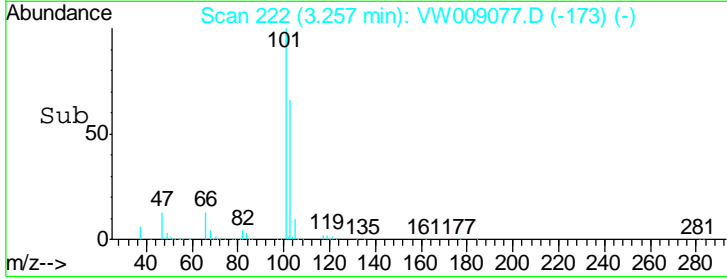
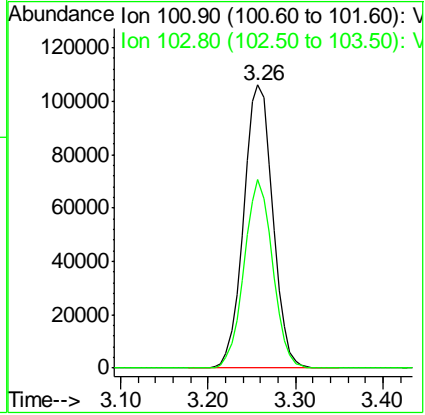
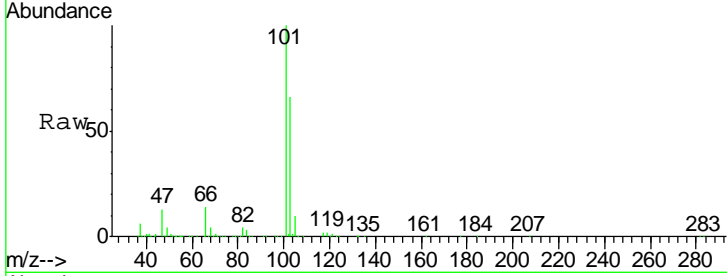
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 Trichlorofluoromethane  
 Concen: 47.420 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
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Tgt Ion	Resp	Lower	Upper
101	244208		
103	66.5	49.9	74.9

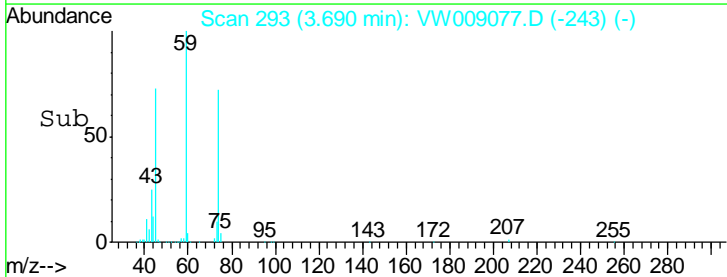
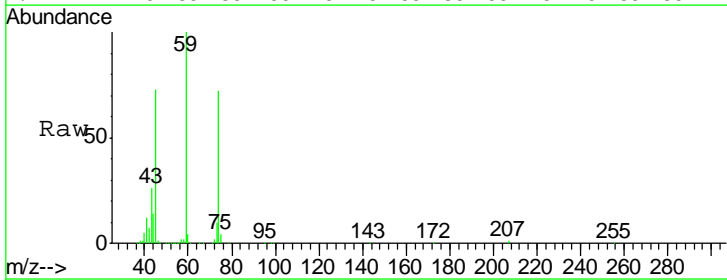
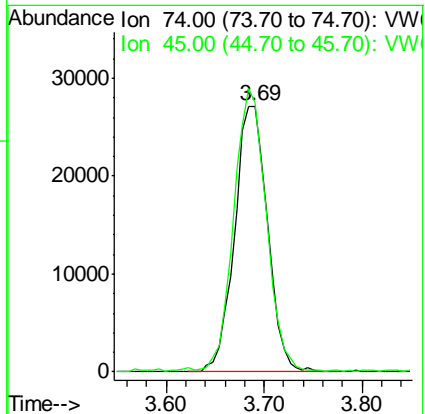
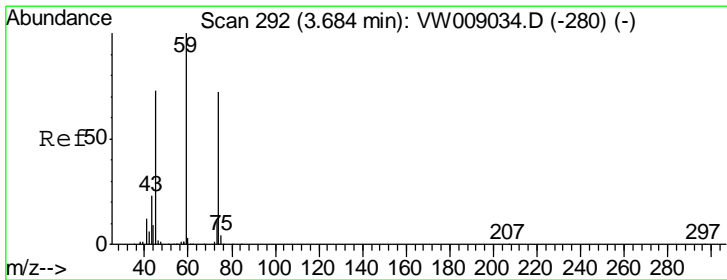
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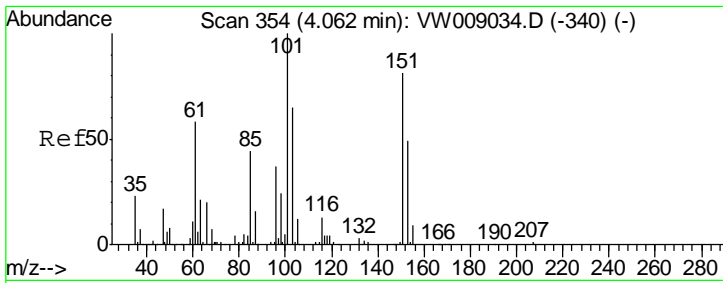


#8  
 Diethyl Ether  
 Concen: 40.312 ug/l  
 RT: 3.69 min Scan# 293  
 Delta R.T. 0.01 min  
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Tgt Ion	Resp	Lower	Upper
74	63479		
45	104.2	52.3	157.1







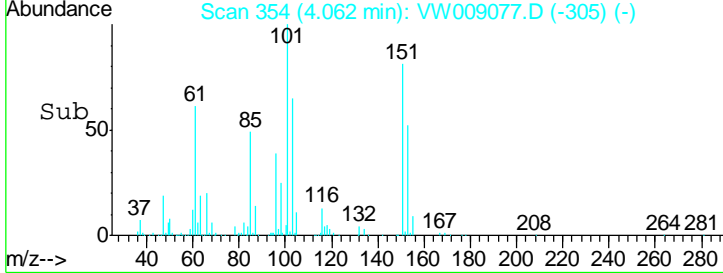
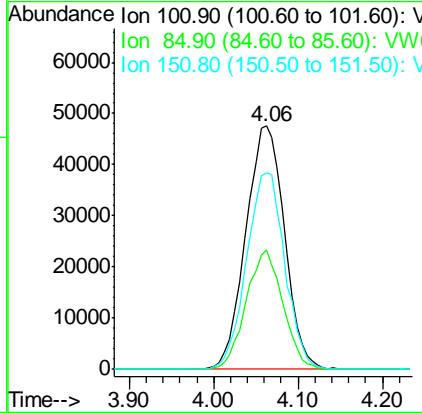
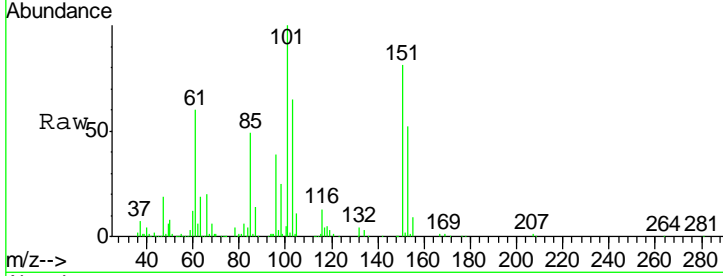
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 46.418 ug/l  
 RT: 4.06 min Scan# 354  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
101	148884		
85	46.6	36.2	54.4
151	79.9	63.4	95.2

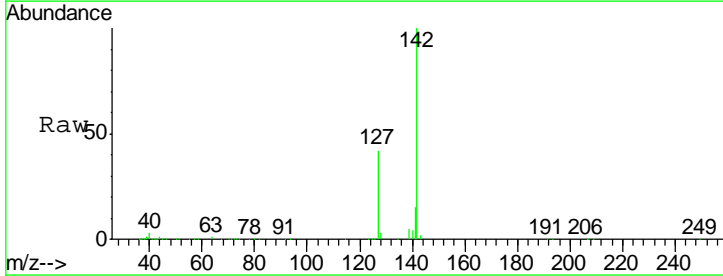
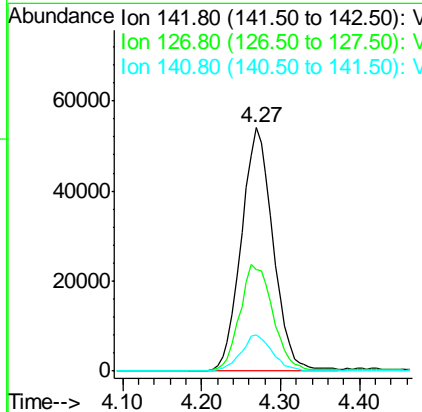
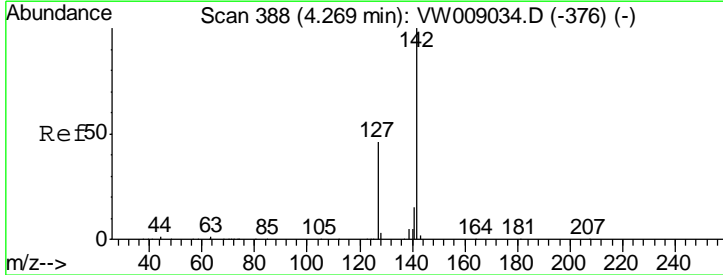
**Manual Integrations**  
**APPROVED**

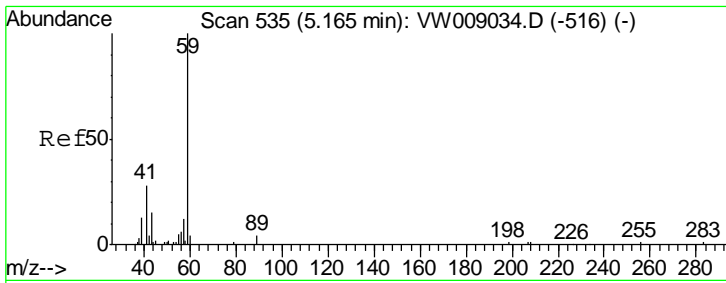
MMDadoda  
 3/12/2019 1:15:36 PM



#10  
 Methyl Iodide  
 Concen: 43.924 ug/l  
 RT: 4.27 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
142	151384		
127	45.7	35.8	53.6
141	14.9	11.8	17.8





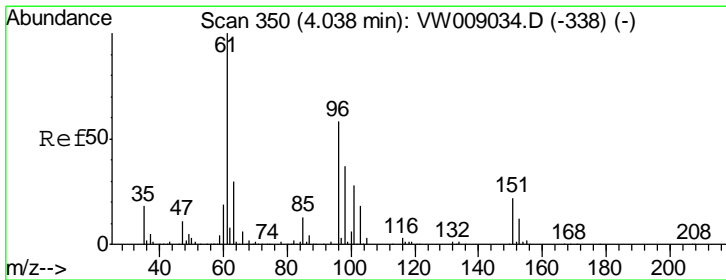
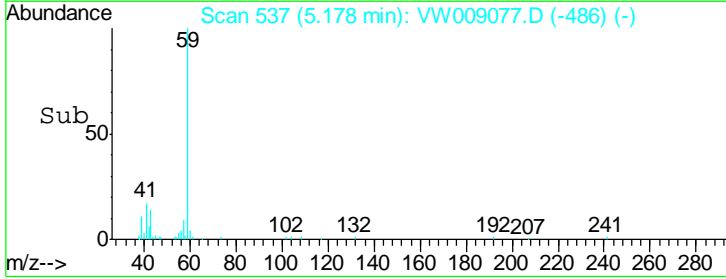
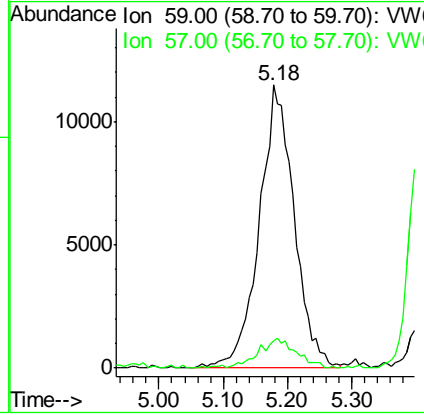
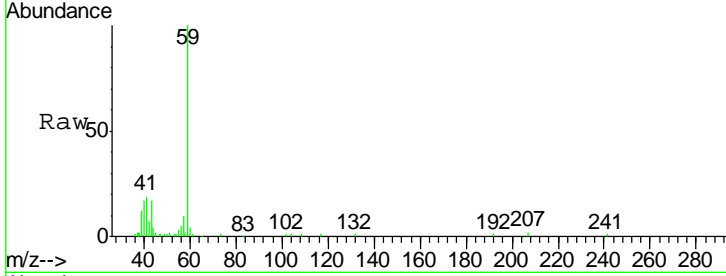
#11  
 Tert butyl alcohol  
 Concen: 182.039 ug/l  
 RT: 5.18 min Scan# 537  
 Delta R.T. 0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDC050

Tgt Ion	Resp	Lower	Upper
59	43206		
57	11.2	8.6	12.8

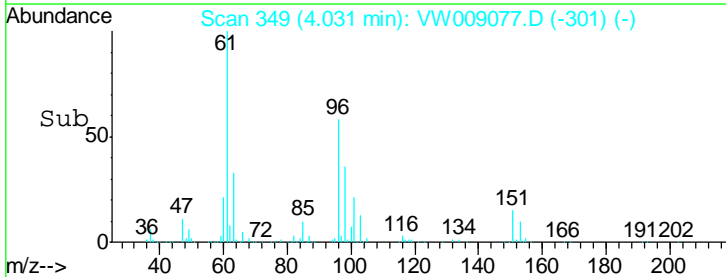
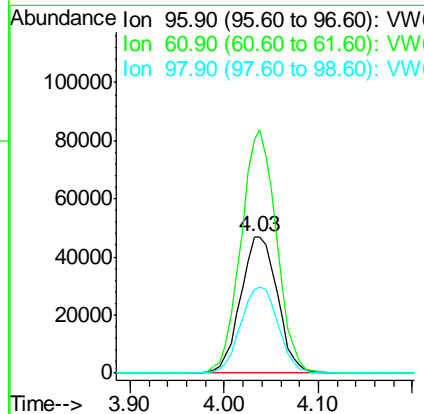
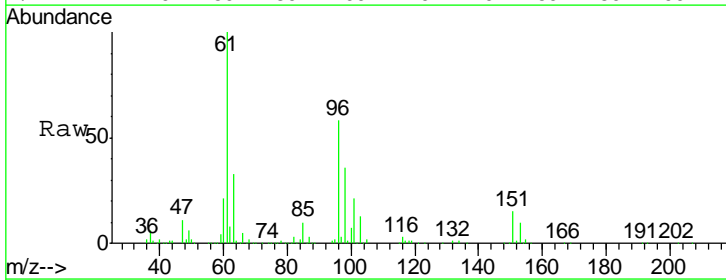
Manual Integrations  
 APPROVED

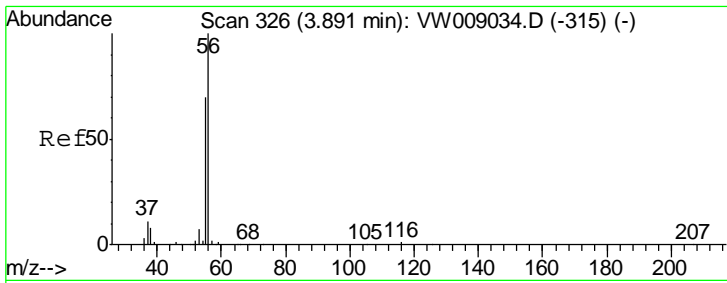
MMDadoda  
 3/12/2019 1:15:36 PM



#12  
 1,1-Dichloroethene  
 Concen: 46.035 ug/l  
 RT: 4.03 min Scan# 349  
 Delta R.T. -0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
96	127368		
61	171.0	138.2	207.2
98	60.7	51.3	76.9



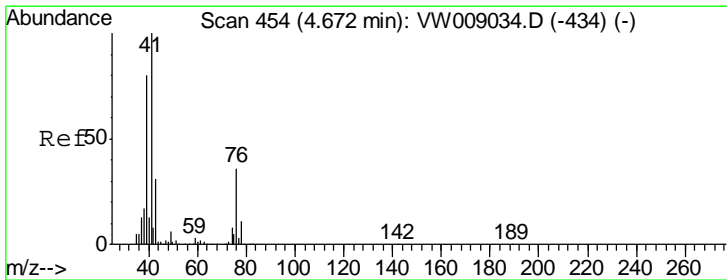
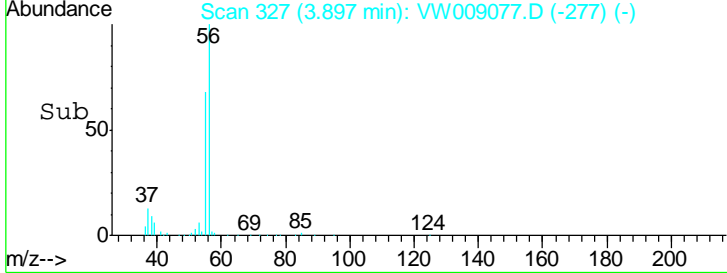
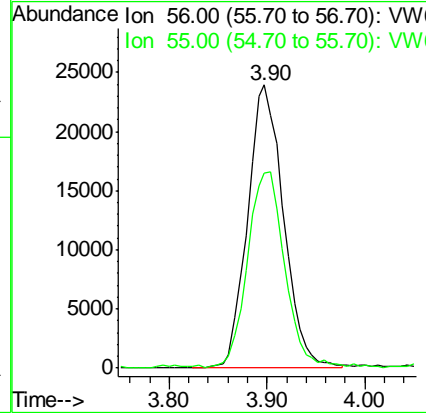
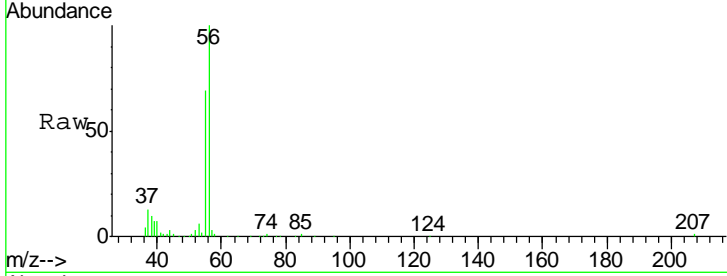


#13  
 Acrolein  
 Concen: 232.231 ug/l  
 RT: 3.90 min Scan# 327  
 Delta R.T. 0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

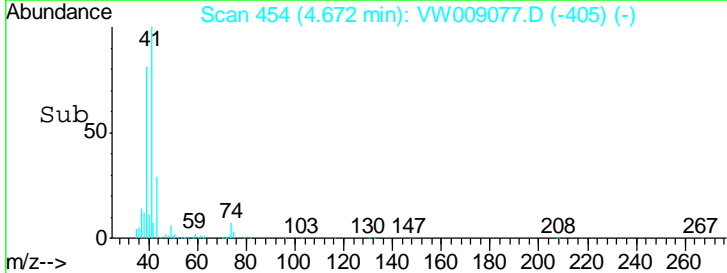
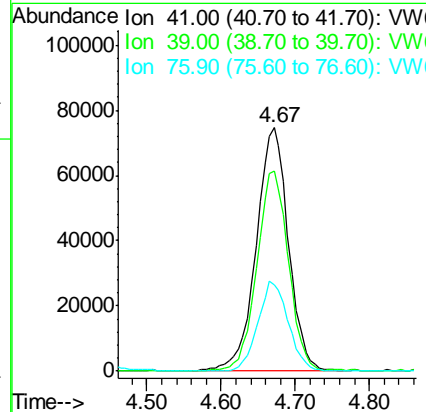
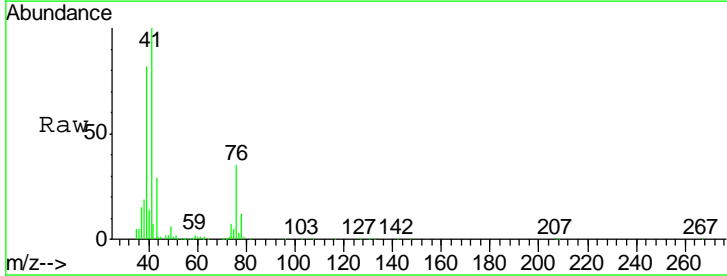
Tgt Ion	Resp	Lower	Upper
56	60653		
55	72.3	56.6	84.8

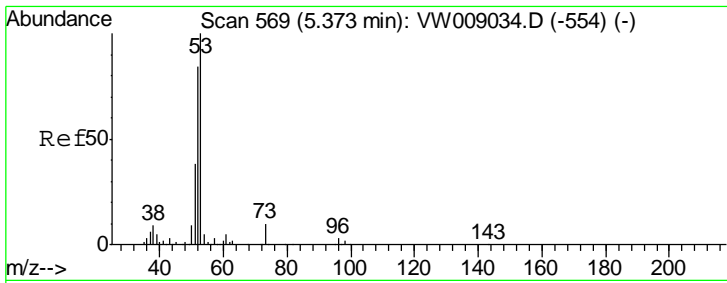
Manual Integrations  
**APPROVED**  
 MMDadoda  
 3/12/2019 1:15:36 PM



#14  
 Allyl chloride  
 Concen: 45.939 ug/l  
 RT: 4.67 min Scan# 454  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
41	224198		
39	80.8	63.0	94.4
76	35.2	28.2	42.2





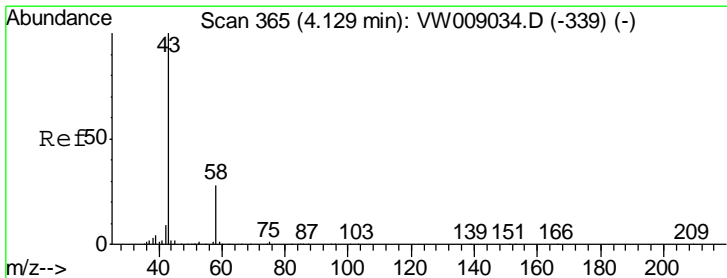
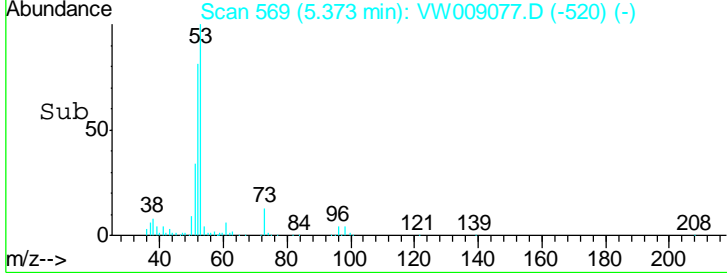
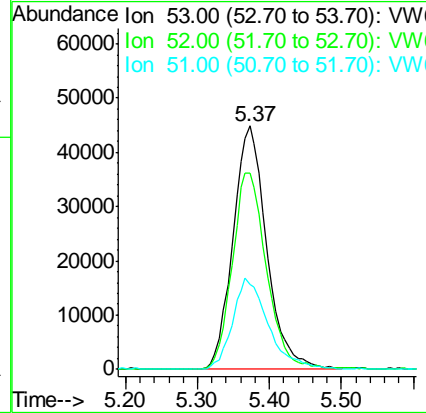
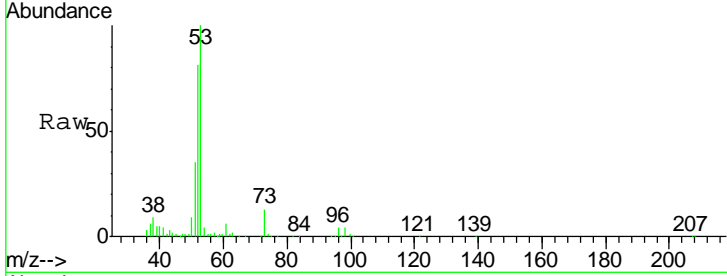
#15  
 Acrylonitrile  
 Concen: 212.092 ug/l  
 RT: 5.37 min Scan# 569  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
53	100		
52	82.6	67.2	100.8
51	39.1	31.8	47.6

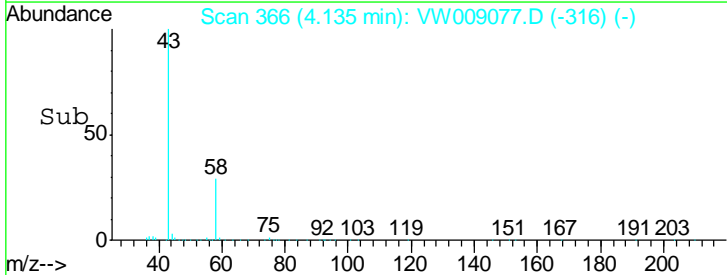
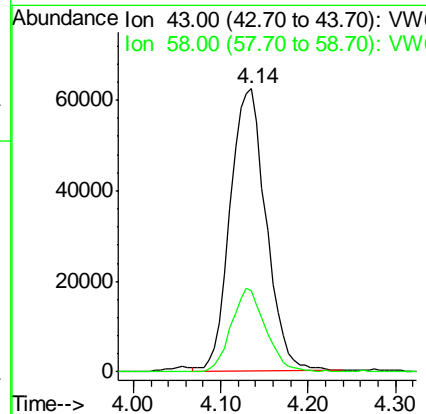
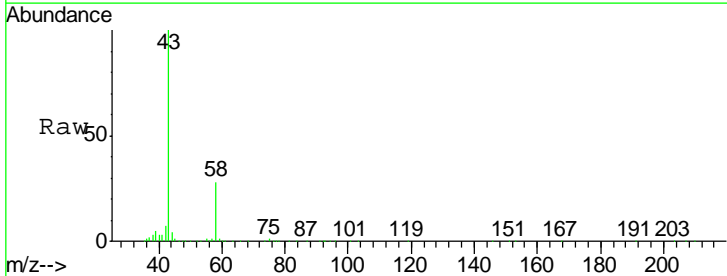
**Manual Integrations**  
**APPROVED**

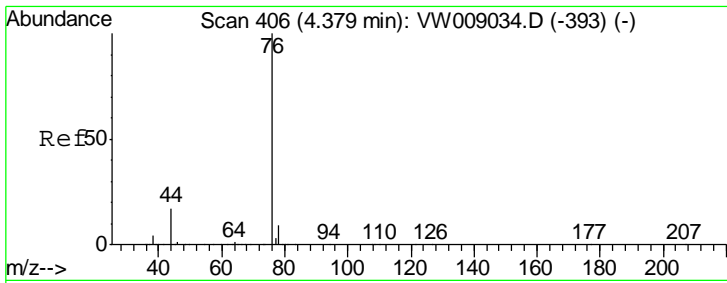
MMDadoda  
 3/12/2019 1:15:36 PM



#16  
 Acetone  
 Concen: 253.865 ug/l  
 RT: 4.14 min Scan# 366  
 Delta R.T. 0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
43	100		
58	28.5	22.5	33.7





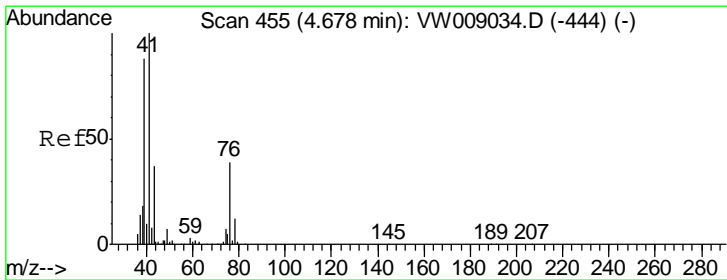
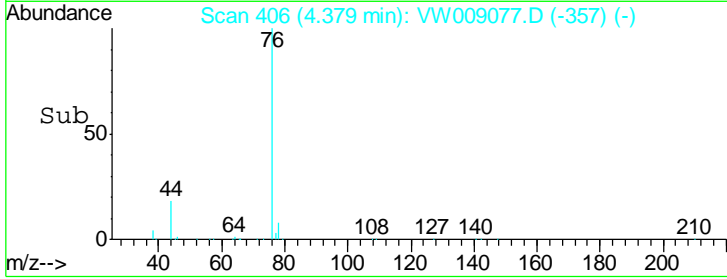
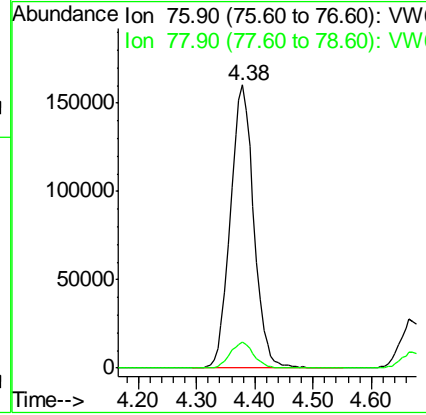
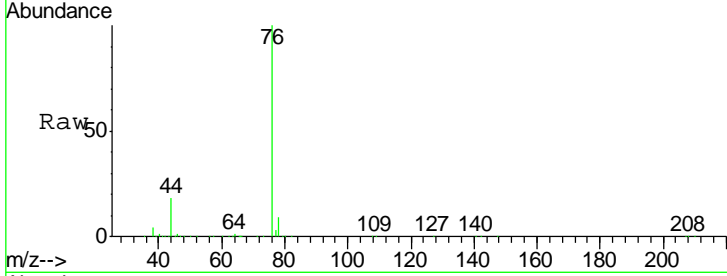
#17  
 Carbon Disulfide  
 Concen: 48.144 ug/l  
 RT: 4.38 min Scan# 406  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
76	100		
78	9.0	7.0	10.6

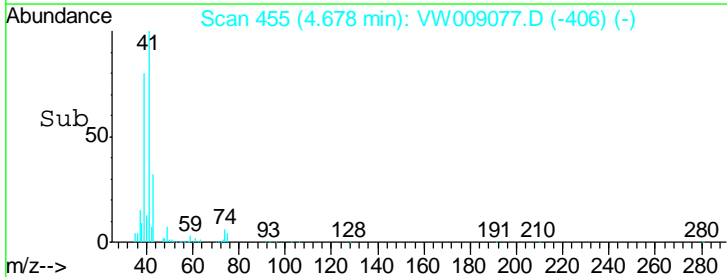
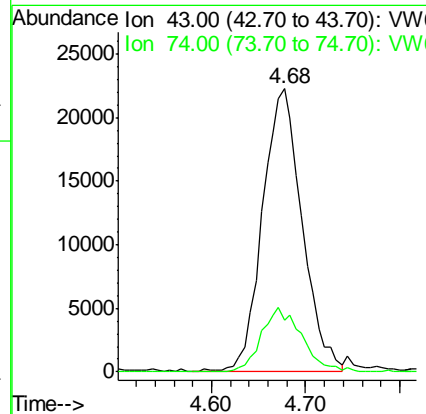
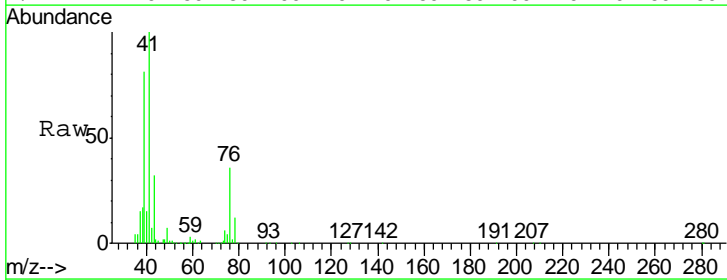
**Manual Integrations**  
**APPROVED**

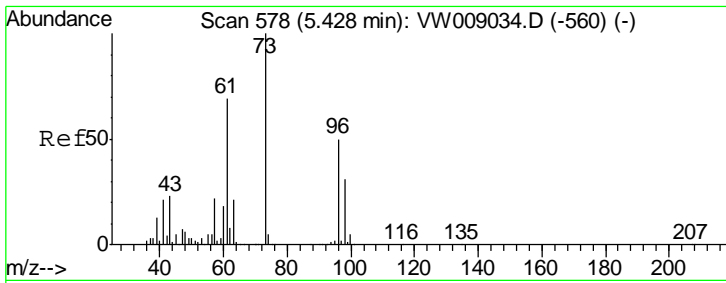
MMDadoda  
 3/12/2019 1:15:36 PM



#18  
 Methyl Acetate  
 Concen: 40.773 ug/l  
 RT: 4.68 min Scan# 455  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
43	100		
74	23.3	17.6	26.4





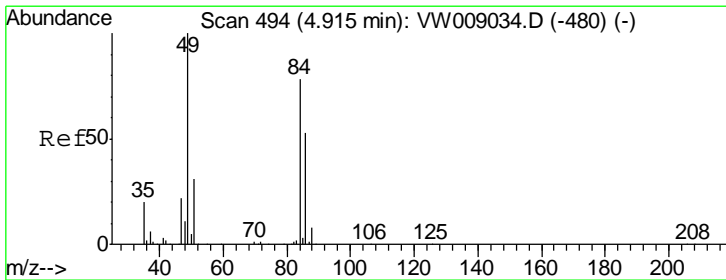
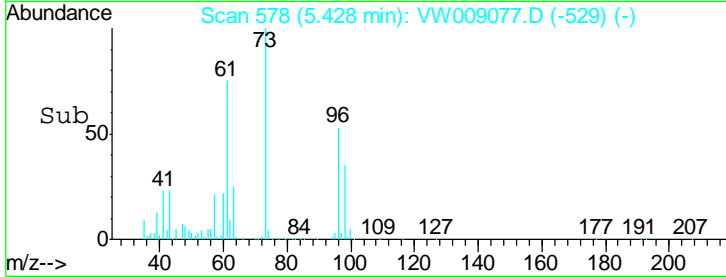
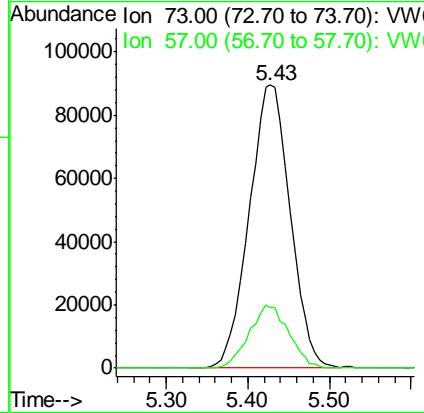
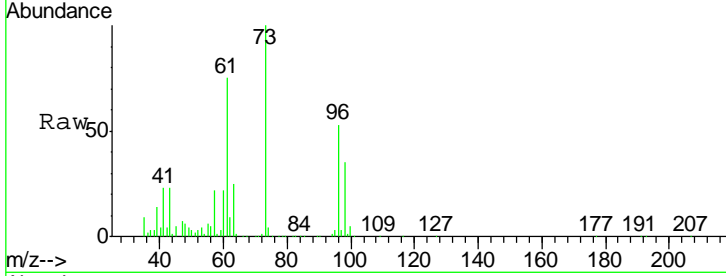
#19  
 Methyl tert-butyl Ether  
 Concen: 42.801 ug/l  
 RT: 5.43 min Scan# 578  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
73	313257		
73	100		
57	21.5	17.3	25.9

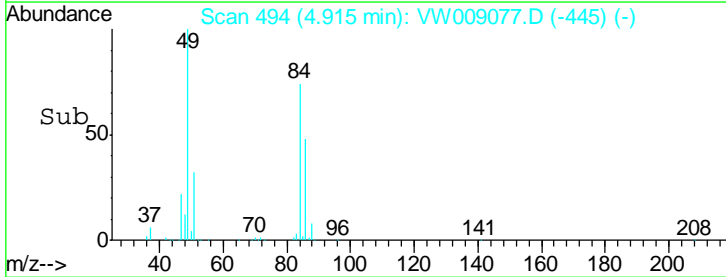
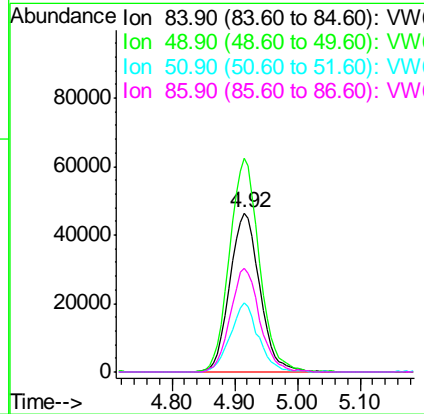
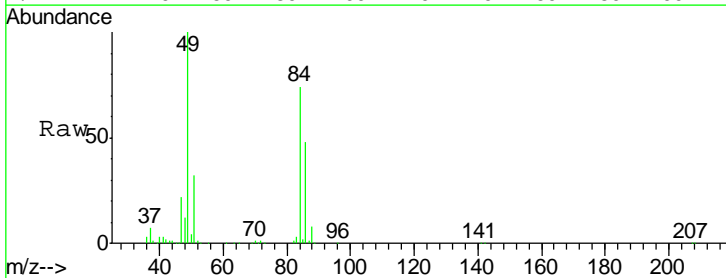
**Manual Integrations**  
**APPROVED**

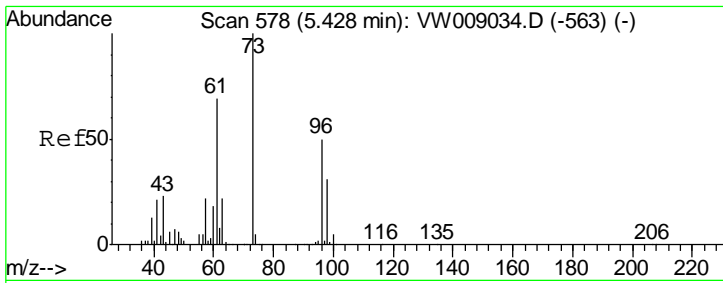
MMDadoda  
 3/12/2019 1:15:36 PM



#20  
 Methylene Chloride  
 Concen: 46.306 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. 0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
84	153566		
84	100		
49	134.3	102.4	153.6
51	43.0	31.6	47.4
86	65.1	54.5	81.7





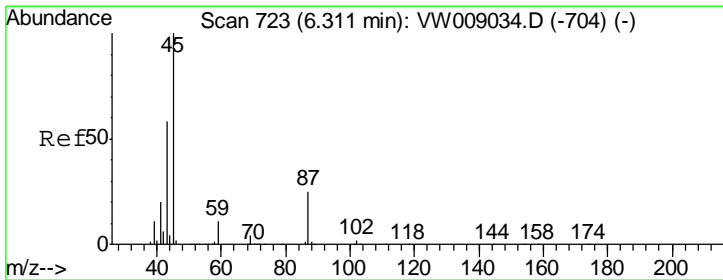
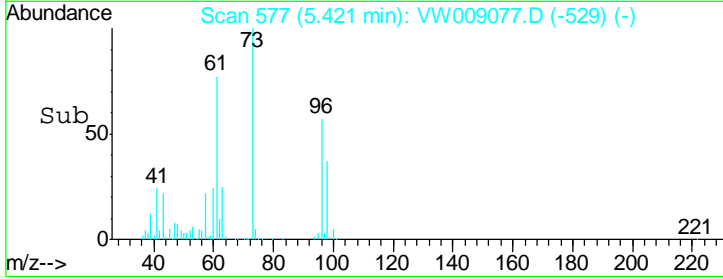
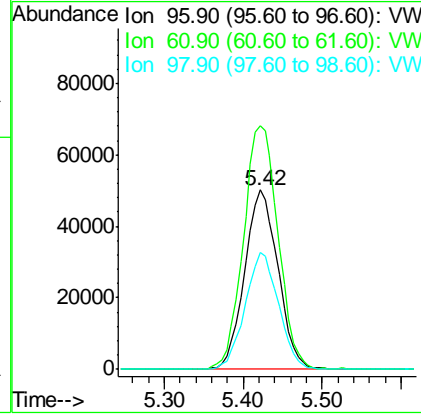
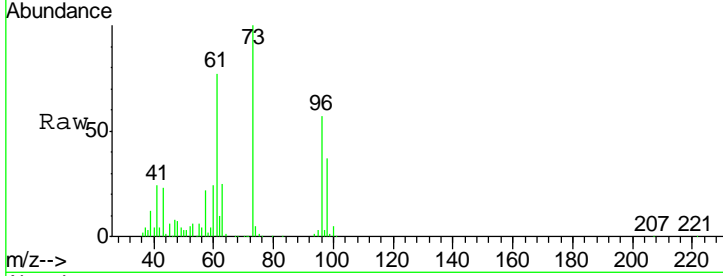
#21  
 trans-1,2-Dichloroethene  
 Concen: 46.237 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. -0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
96	147713		
96	100		
61	135.5	111.0	166.6
98	65.0	49.4	74.0

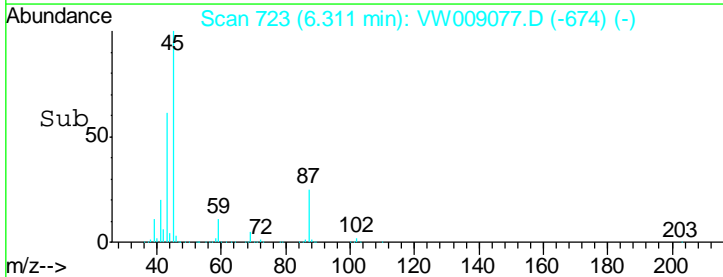
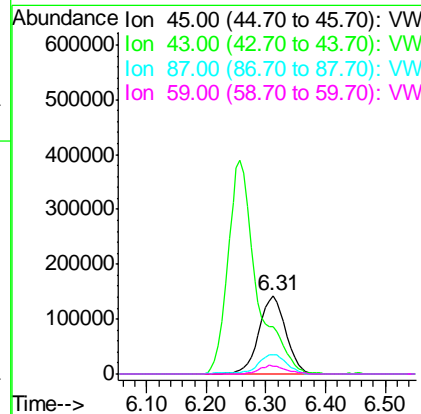
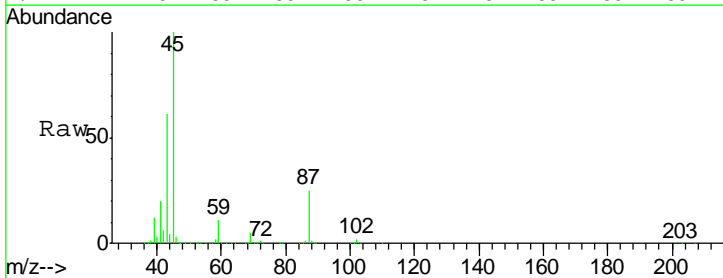
**Manual Integrations**  
**APPROVED**

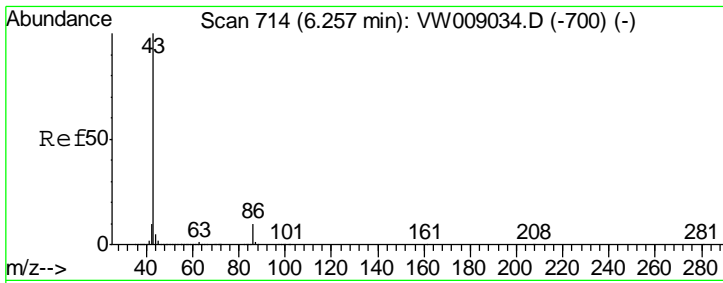
MMDadoda  
 3/12/2019 1:15:36 PM



#22  
 Diisopropyl ether  
 Concen: 45.936 ug/l  
 RT: 6.31 min Scan# 723  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
45	445520		
45	100		
43	60.8	46.2	69.4
87	25.2	20.1	30.1
59	10.6	8.4	12.6





#23  
 Vinyl Acetate  
 Concen: 215.160 ug/l  
 RT: 6.26 min Scan# 714  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

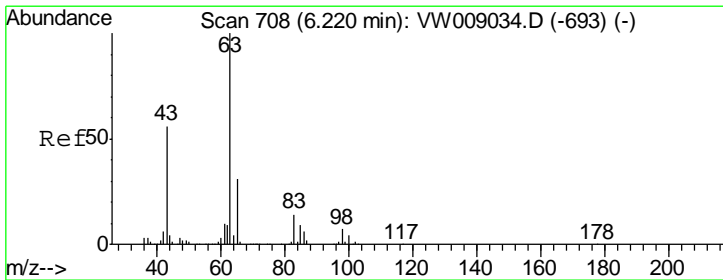
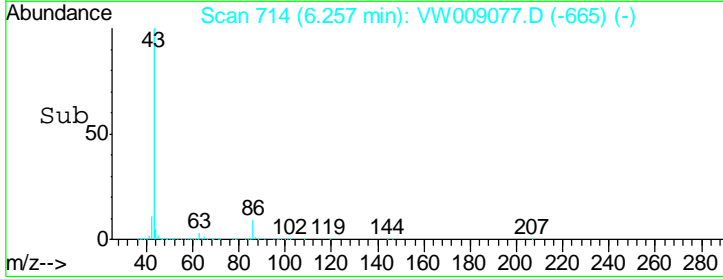
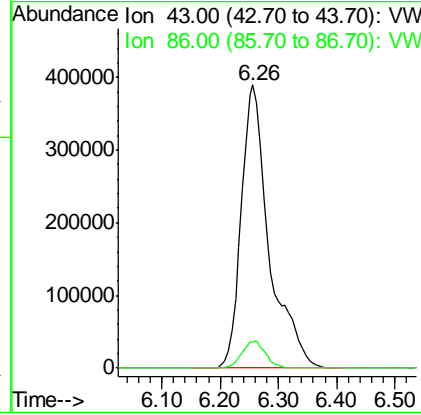
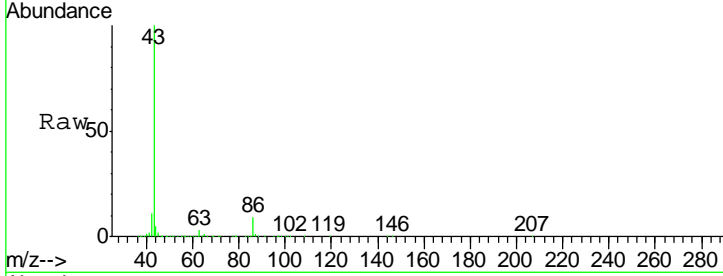
**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 VSTDCCC050

Tgt Ion: 43 Resp: 1298568

Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.6	11.4

**Manual Integrations**  
**APPROVED**

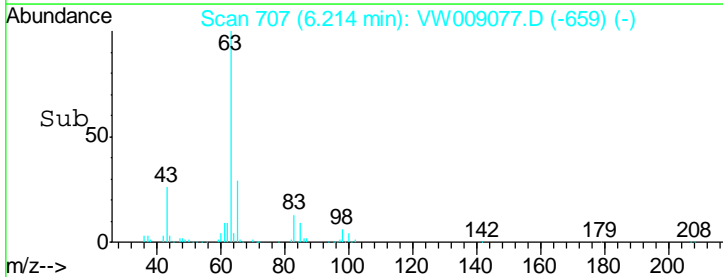
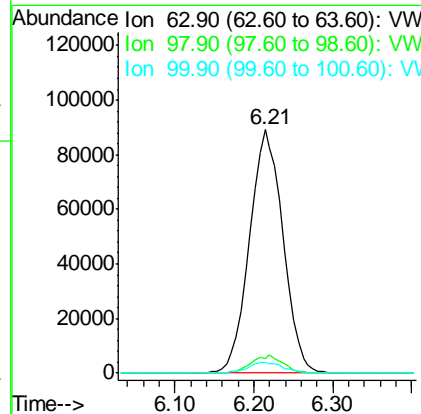
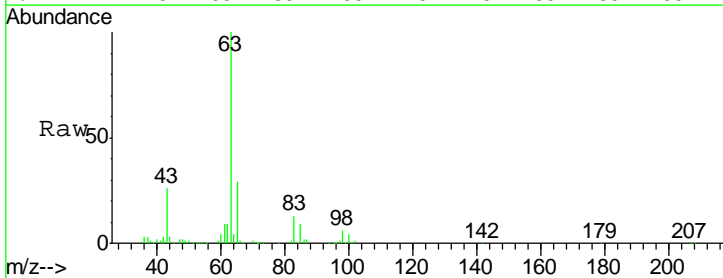
MMDadoda  
 3/12/2019 1:15:36 PM



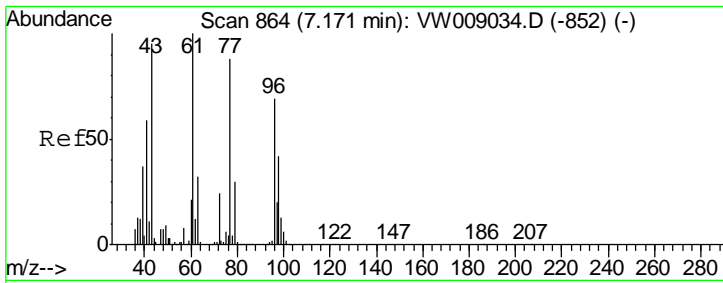
#24  
 1,1-Dichloroethane  
 Concen: 46.719 ug/l  
 RT: 6.21 min Scan# 707  
 Delta R.T. -0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion: 63 Resp: 262815

Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.4	10.2
100	4.3	2.1	6.2





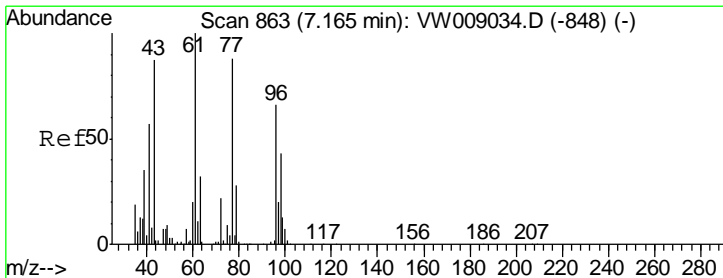
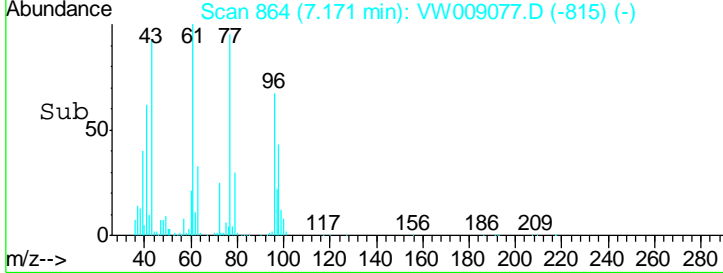
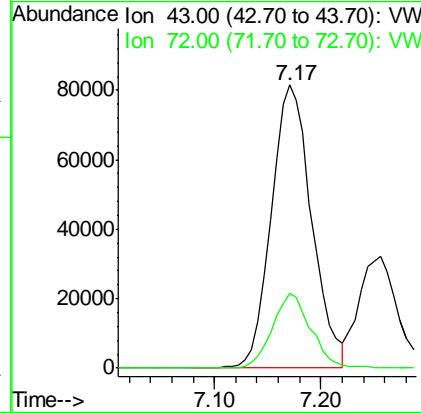
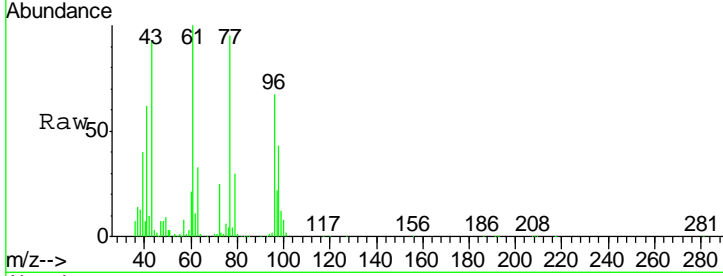


#25  
 2-Butanone  
 Concen: 221.081 ug/l  
 RT: 7.17 min Scan# 864  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

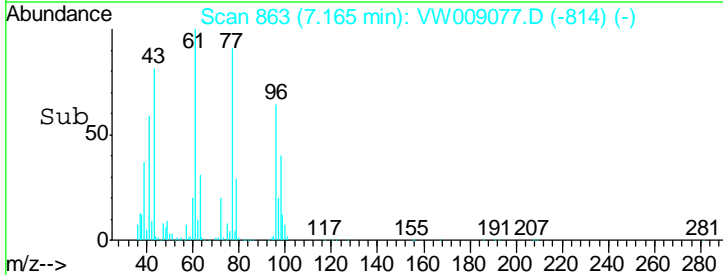
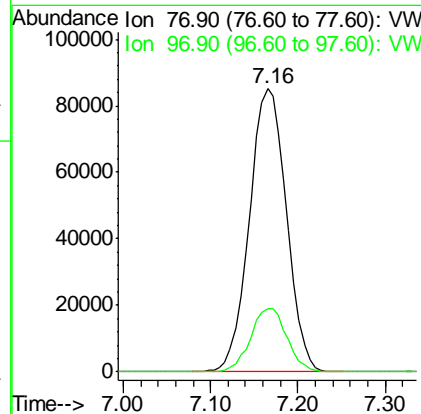
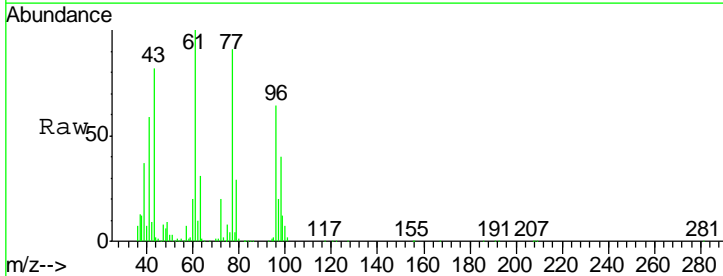
Tgt Ion	Resp	Lower	Upper
43	100		
72	26.4	20.0	30.0

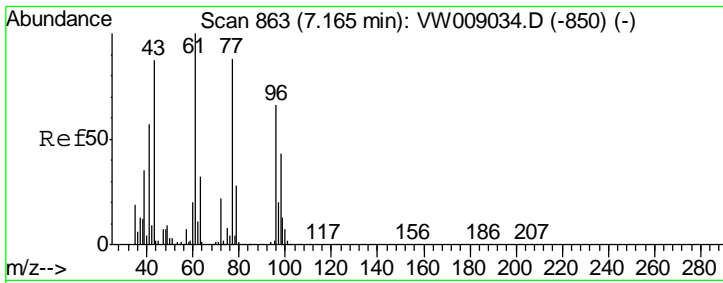
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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#26  
 2,2-Dichloropropane  
 Concen: 49.078 ug/l  
 RT: 7.16 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
77	100		
97	21.9	10.9	32.9





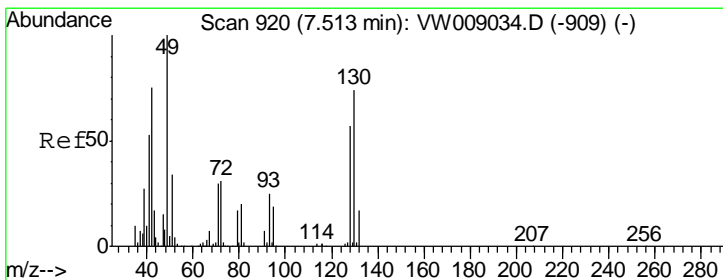
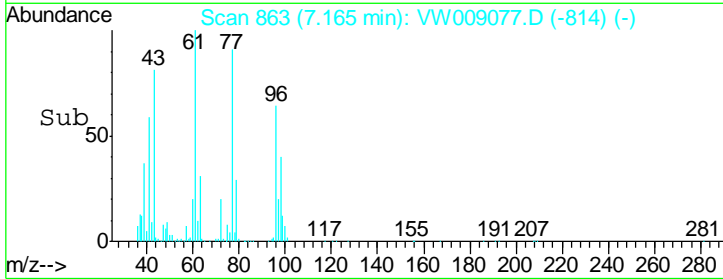
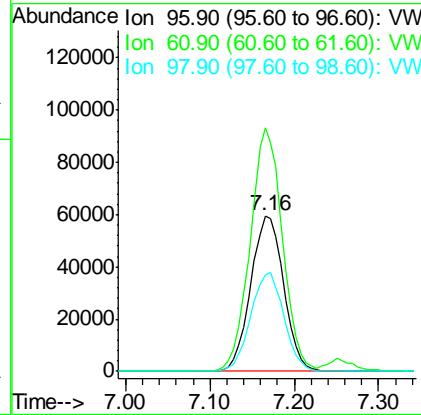
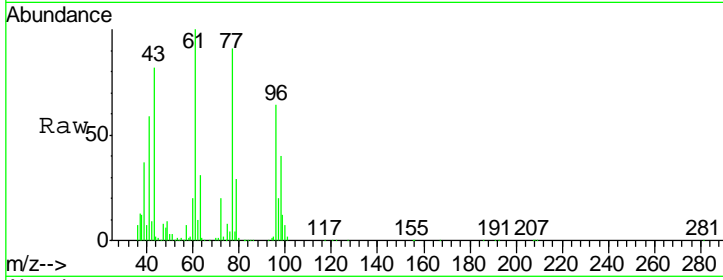
#27  
 cis-1,2-Dichloroethene  
 Concen: 45.904 ug/l  
 RT: 7.16 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	157498		
96	100		
61	153.1	0.0	299.8
98	64.1	0.0	127.2

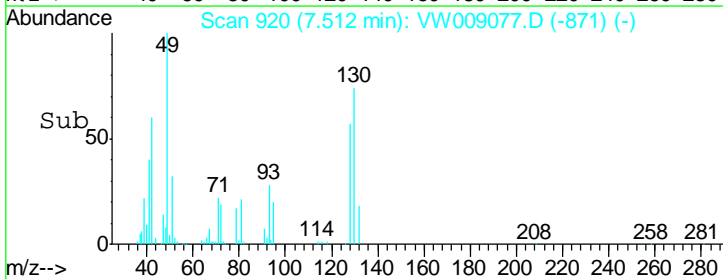
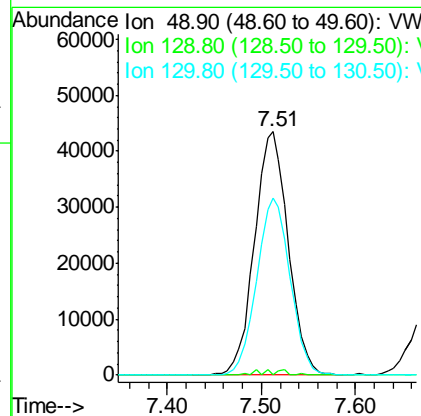
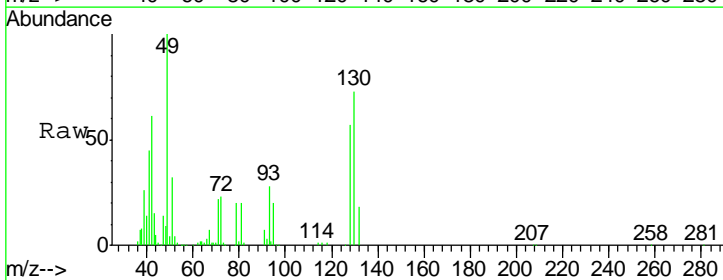
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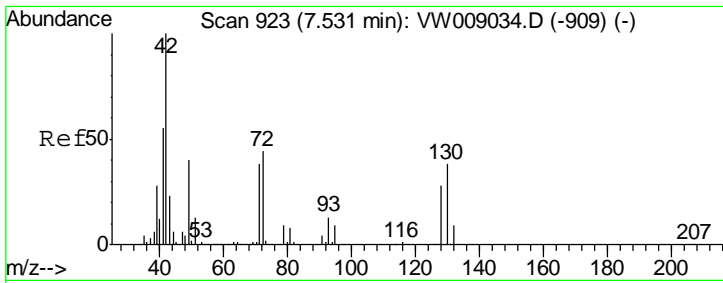
MMDadoda  
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#28  
 Bromochloromethane  
 Concen: 46.762 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
49	109418		
49	100		
129	0.6	0.0	4.6
130	72.1	60.4	90.6





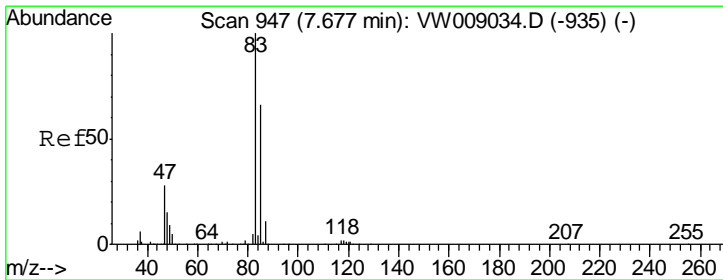
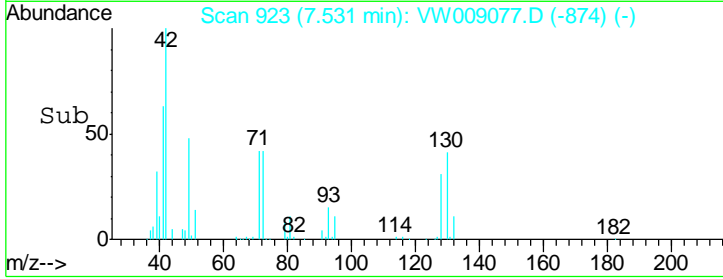
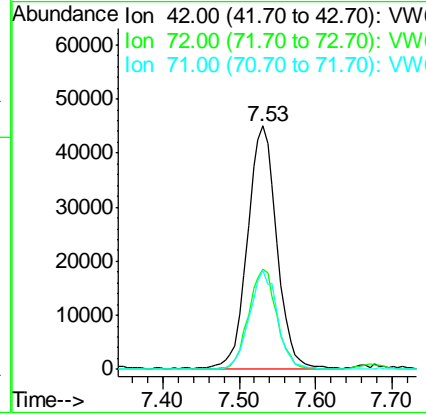
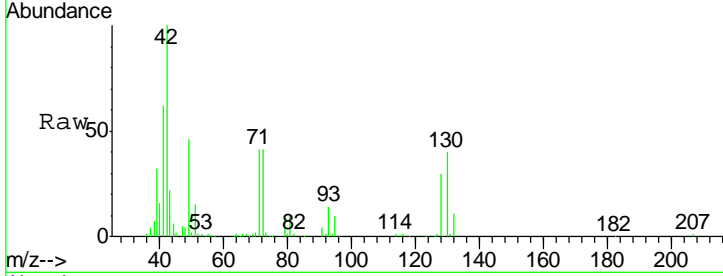
#29  
 Tetrahydrofuran  
 Concen: 197.656 ug/l  
 RT: 7.53 min Scan# 923  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
42	120314		
72	39.8	32.2	48.4
71	38.6	30.7	46.1

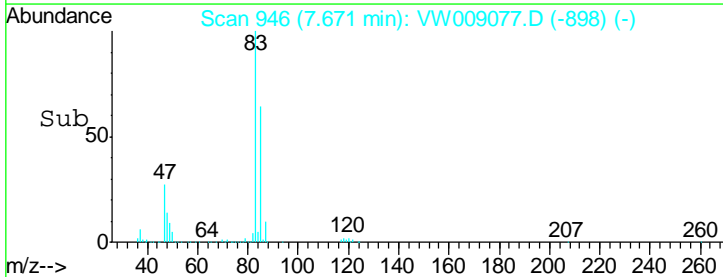
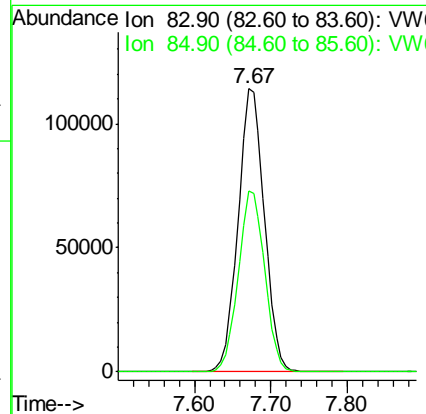
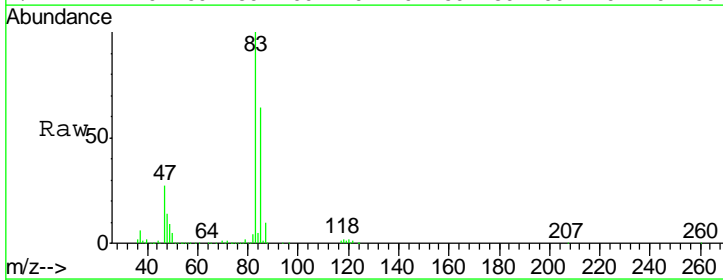
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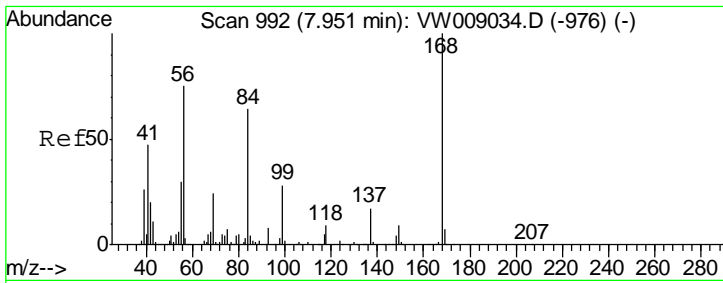
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#30  
 Chloroform  
 Concen: 46.871 ug/l  
 RT: 7.67 min Scan# 946  
 Delta R.T. -0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
83	271459		
85	63.9	53.0	79.6





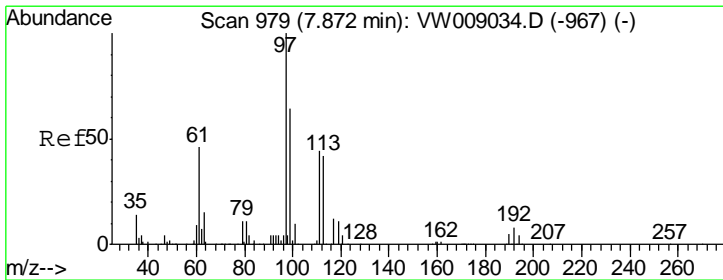
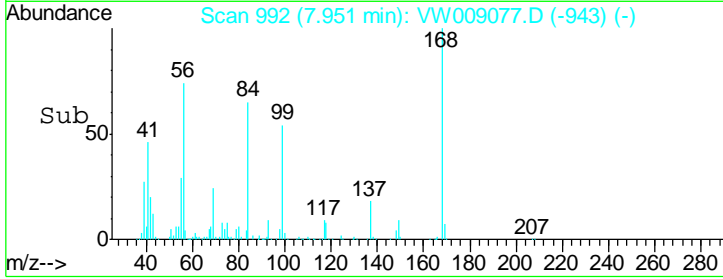
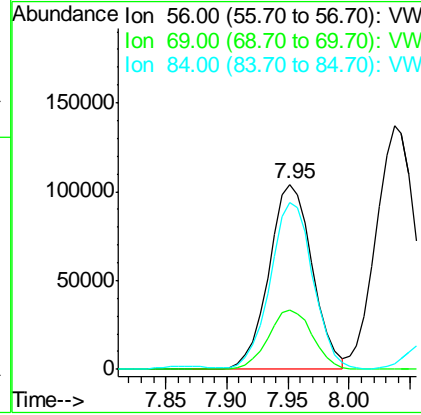
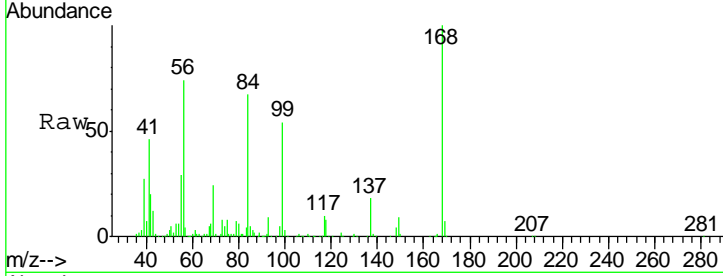
#31  
 Cyclohexane  
 Concen: 44.408 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	100		
69	32.2	25.5	38.3
84	88.4	68.6	103.0

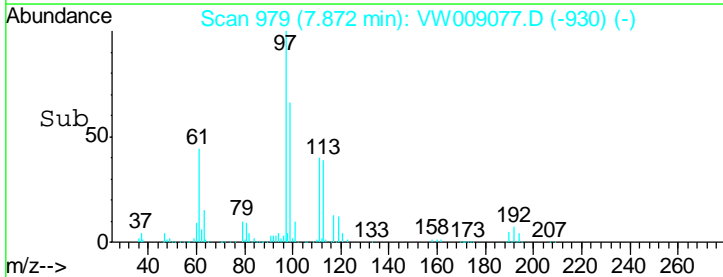
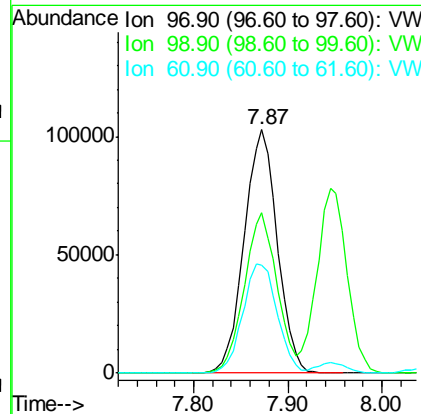
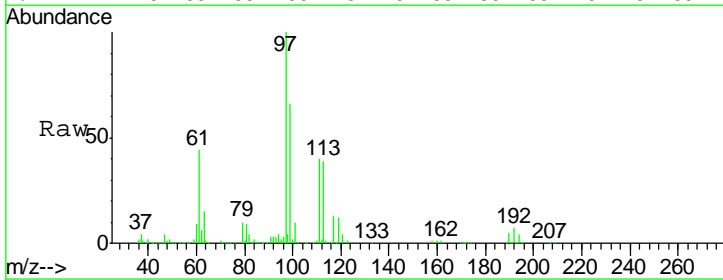
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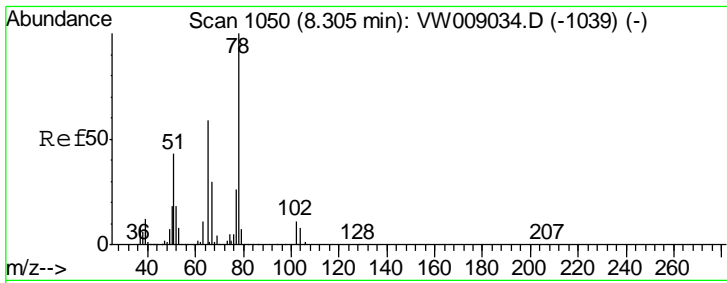
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#32  
 1,1,1-Trichloroethane  
 Concen: 47.361 ug/l  
 RT: 7.87 min Scan# 979  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
97	100		
99	65.1	51.8	77.8
61	46.7	37.3	55.9





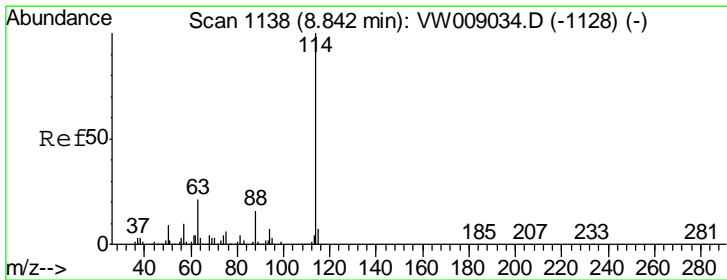
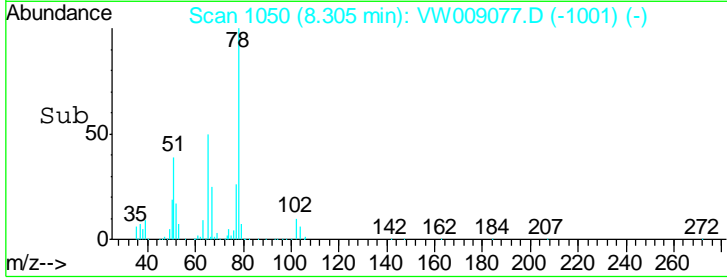
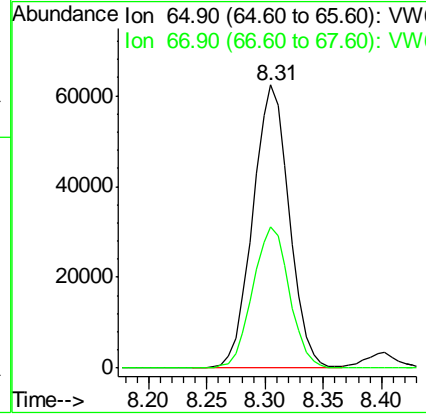
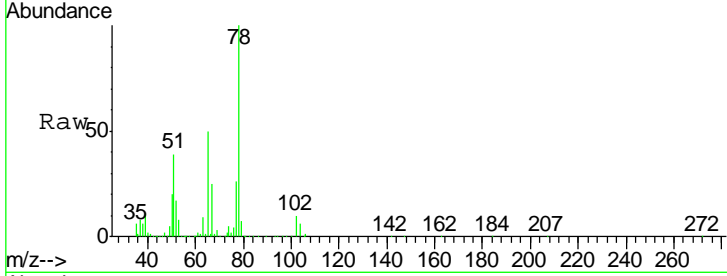
#33  
 1,2-Dichloroethane-d4  
 Concen: 44.070 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
65	136497		
65	100		
67	50.3	0.0	103.0

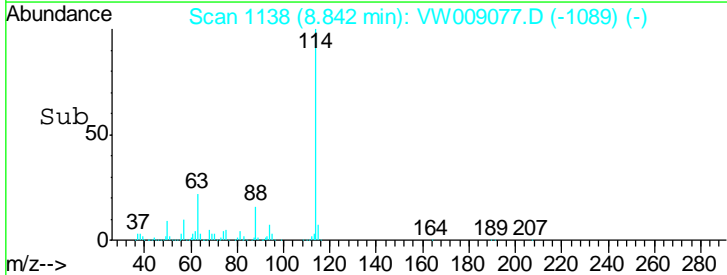
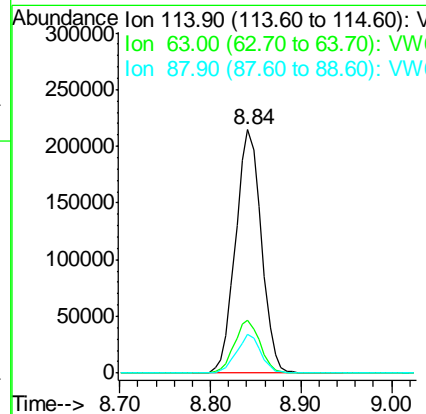
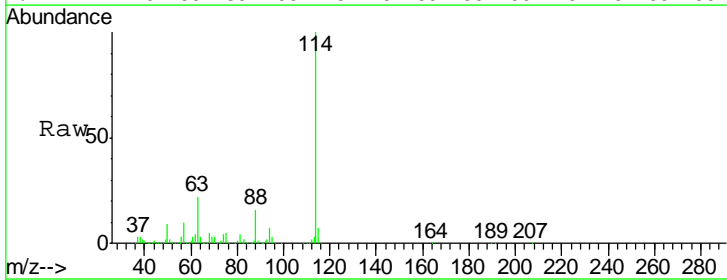
Manual Integrations  
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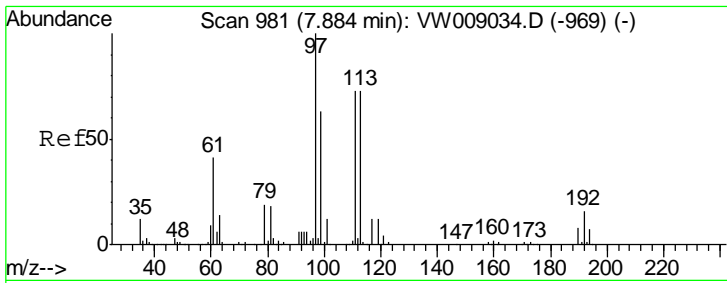
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
114	423012		
114	100		
63	21.7	0.0	41.2
88	15.8	0.0	31.2





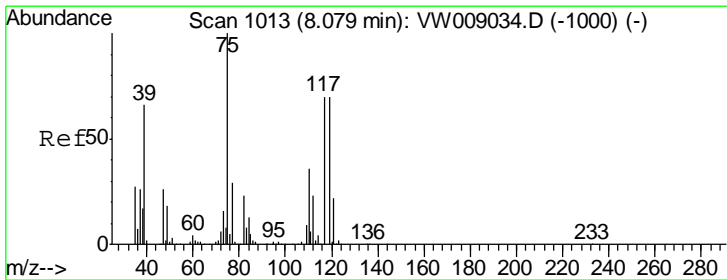
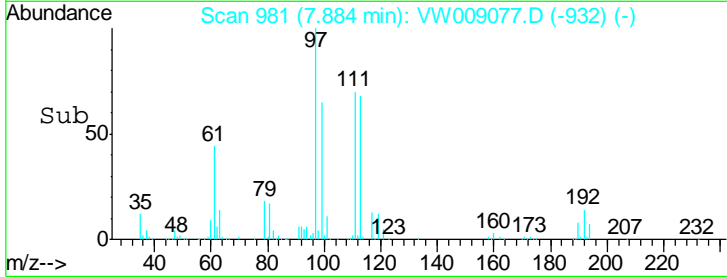
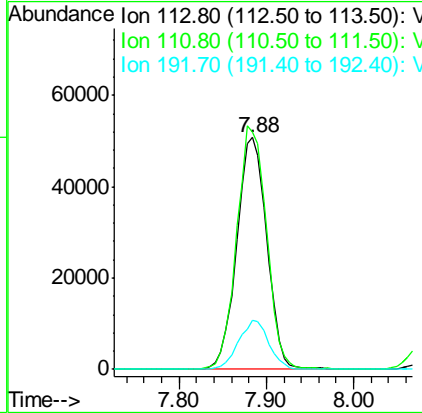
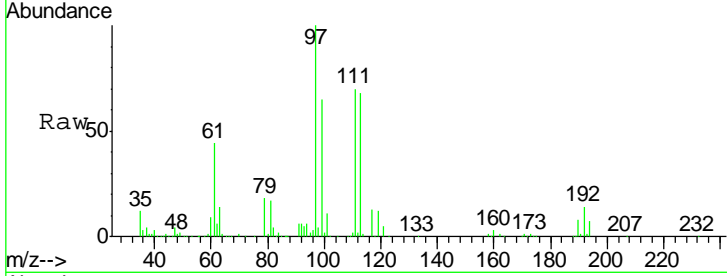
#35  
 Dibromofluoromethane  
 Concen: 47.541 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
113	121083		
113	100		
111	104.8	81.0	121.4
192	21.3	17.1	25.7

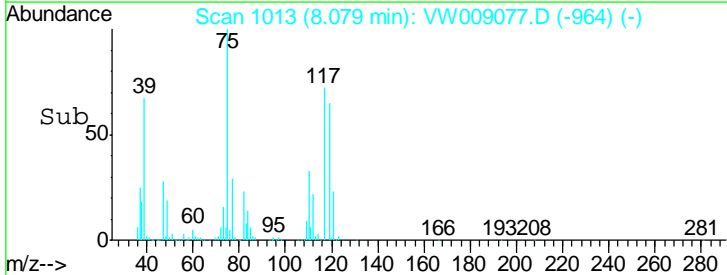
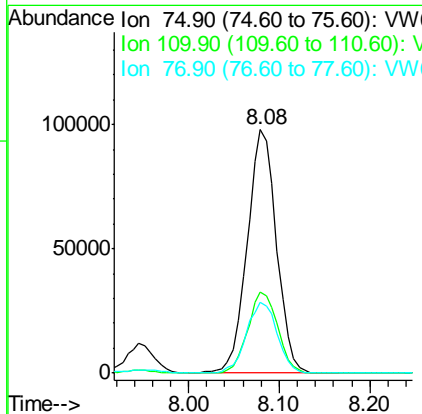
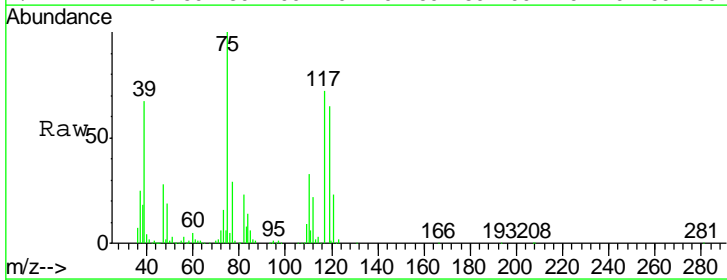
**Manual Integrations**  
**APPROVED**

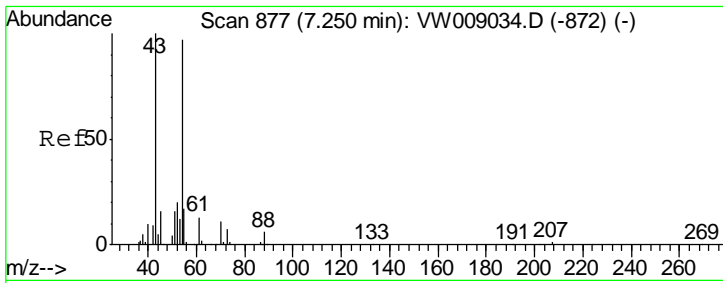
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#36  
 1,1-Dichloropropene  
 Concen: 49.141 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
75	217353		
75	100		
110	34.2	17.6	52.9
77	31.0	25.1	37.7





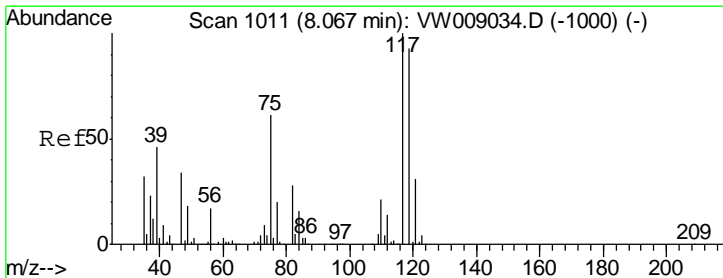
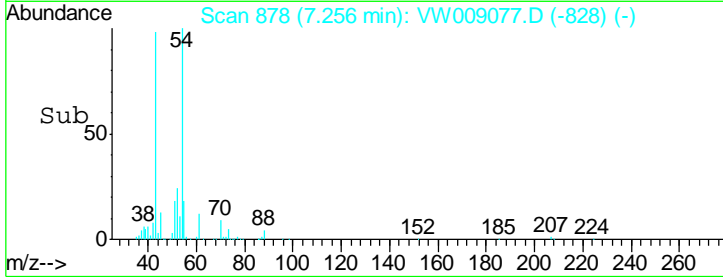
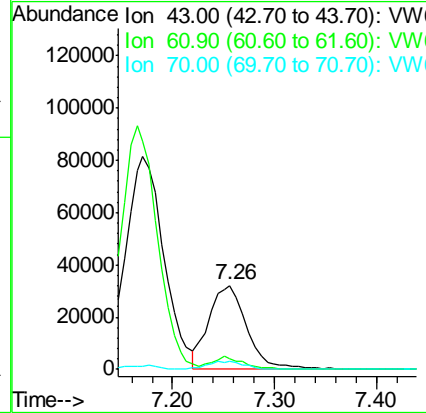
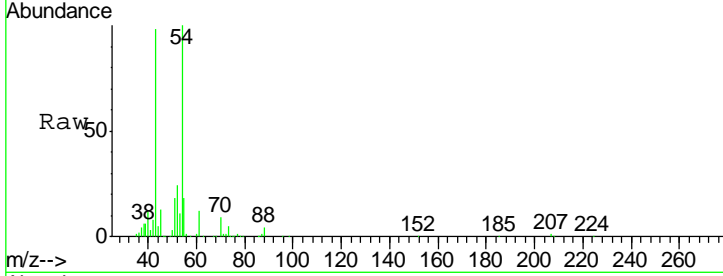
#37  
Ethyl Acetate  
Concen: 39.226 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.01 min  
Lab File: VW009077.D  
Acq: 11 Mar 2019 10:38

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	12.7	9.8	14.6
70	9.6	7.2	10.8

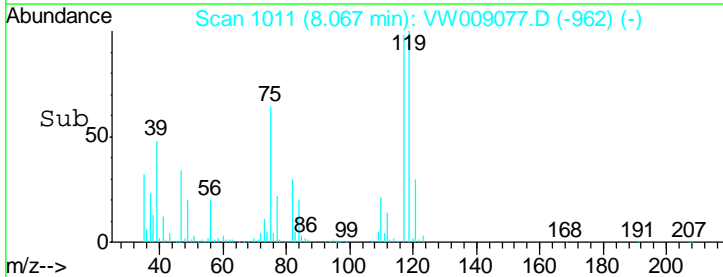
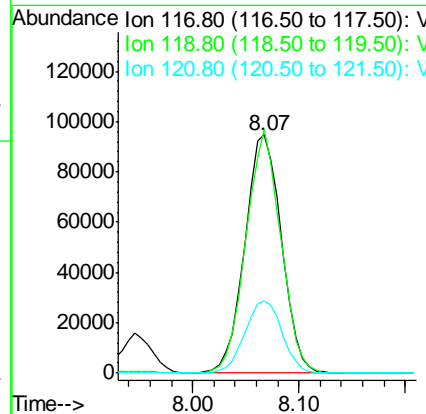
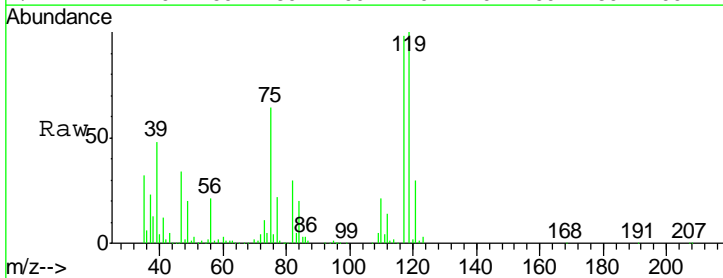
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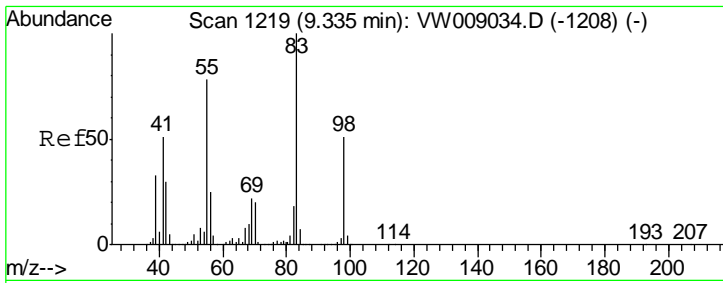
MMDadoda  
3/12/2019 1:15:36 PM



#38  
Carbon Tetrachloride  
Concen: 50.234 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW009077.D  
Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
117	100		
119	102.2	74.6	112.0
121	30.2	24.7	37.1





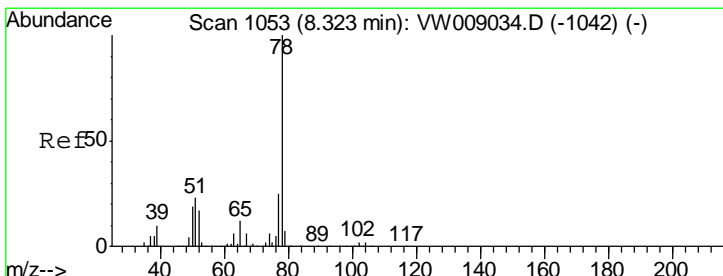
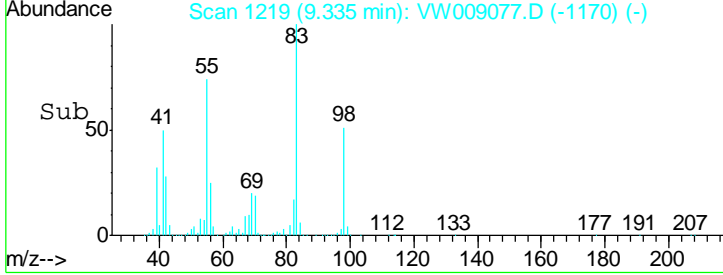
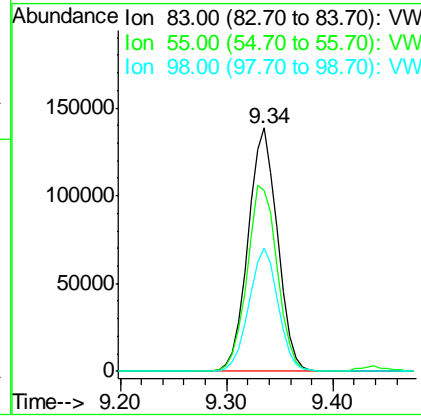
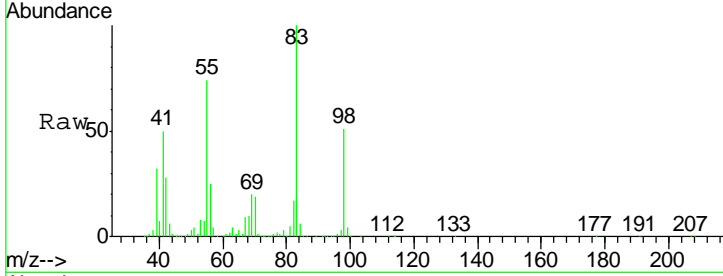
#39  
 Methylcyclohexane  
 Concen: 50.905 ug/l  
 RT: 9.34 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
83	268179		
83	100		
55	74.4	62.7	94.1
98	50.6	40.8	61.2

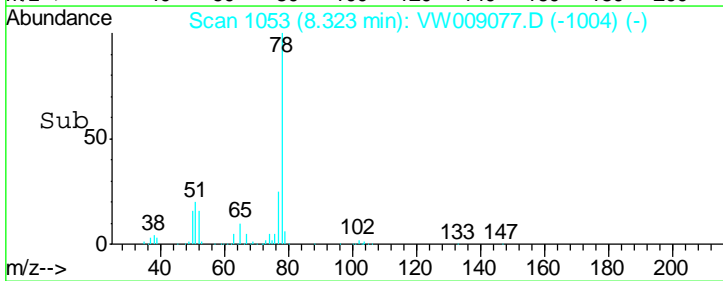
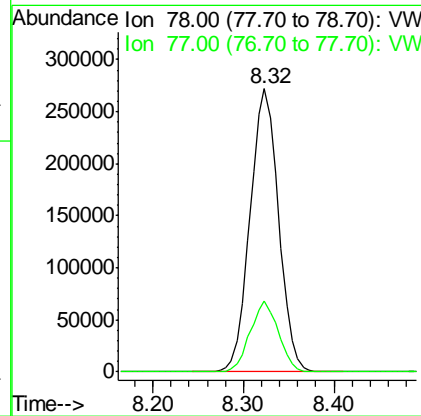
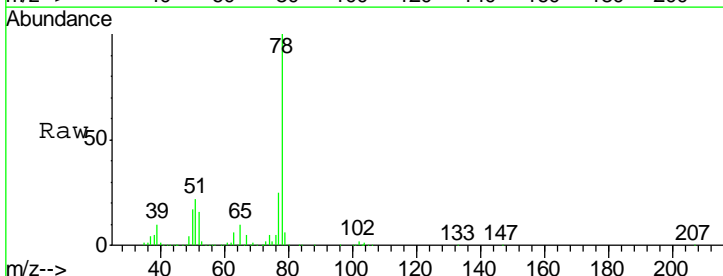
**Manual Integrations**  
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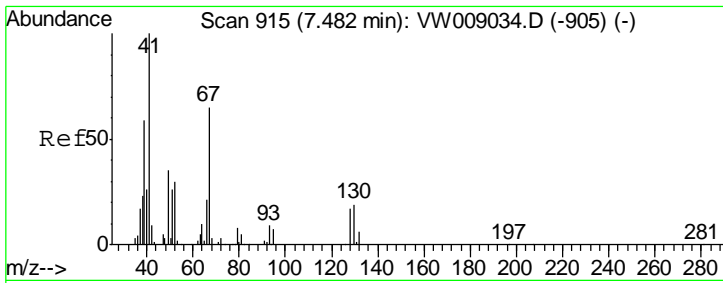


#40  
 Benzene  
 Concen: 50.062 ug/l  
 RT: 8.32 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
78	591096		
78	100		
77	24.9	20.2	30.4







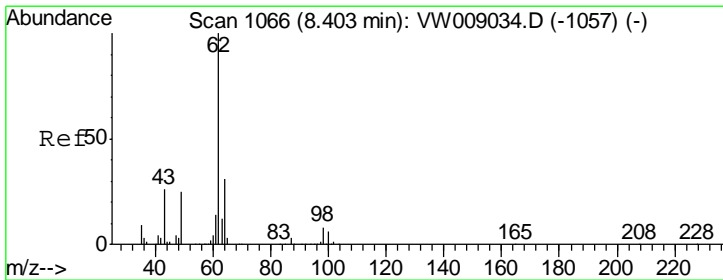
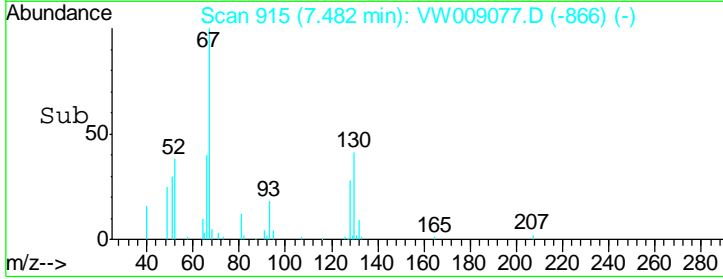
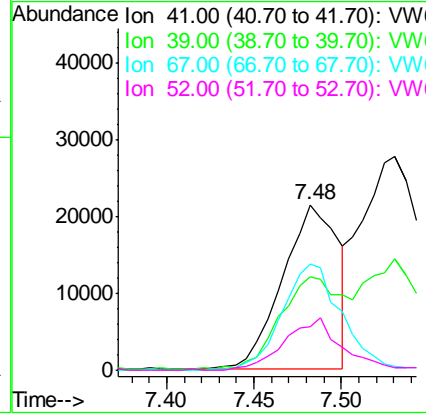
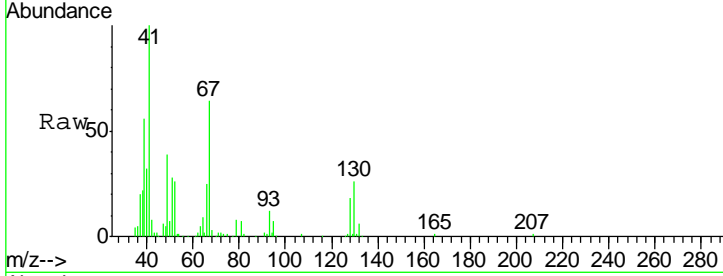
#41  
 Methacrylonitrile  
 Concen: 41.414 ug/l  
 RT: 7.48 min Scan# 915  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
41	100		
39	65.7	53.6	80.4
67	69.4	57.6	86.4
52	32.9	26.0	39.0

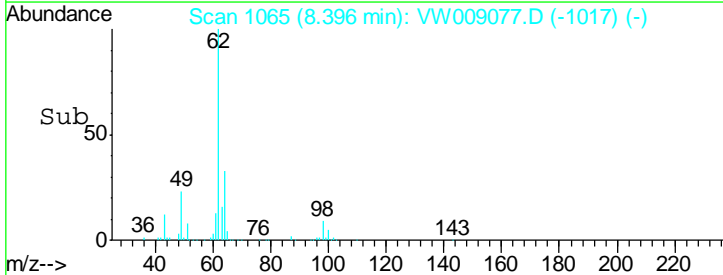
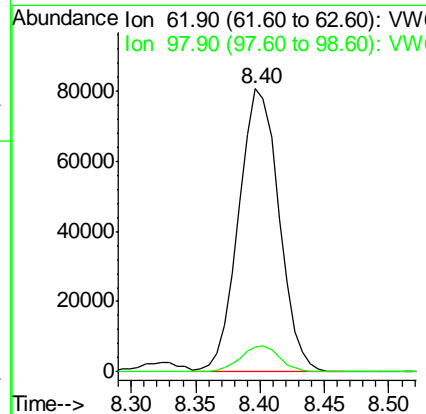
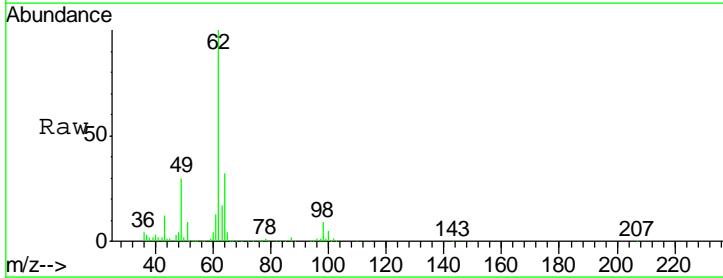
Manual Integrations  
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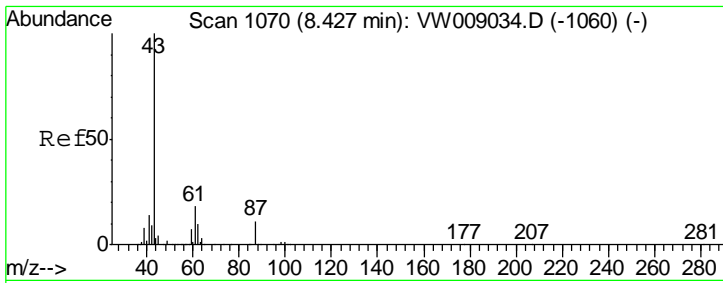
MMDadoda  
 3/12/2019 1:15:36 PM



#42  
 1,2-Dichloroethane  
 Concen: 45.920 ug/l  
 RT: 8.40 min Scan# 1065  
 Delta R.T. -0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
62	100		
98	8.9	0.0	17.6





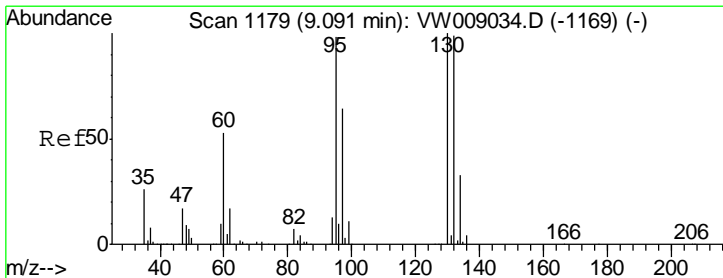
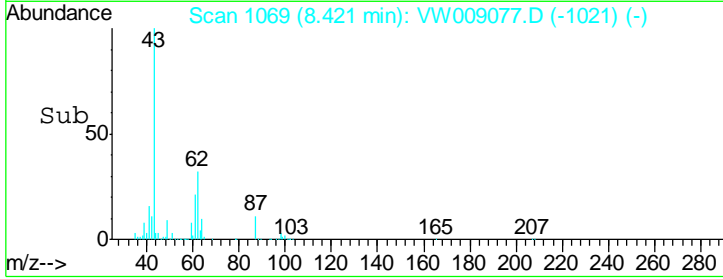
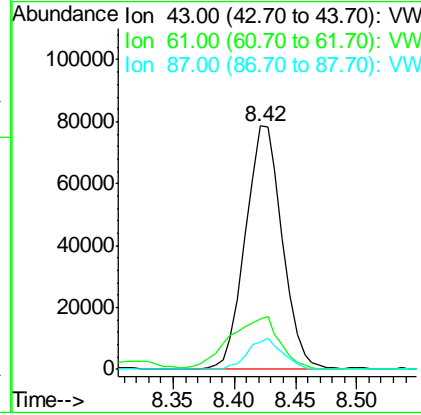
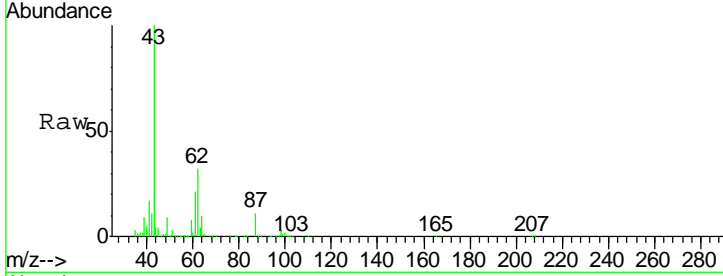
#43  
 Isopropyl Acetate  
 Concen: 42.260 ug/l  
 RT: 8.42 min Scan# 1069  
 Delta R.T. -0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
43	100		
61	29.2	22.8	34.2
87	12.2	9.4	14.2

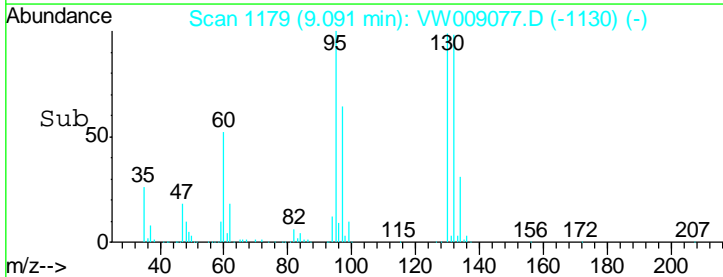
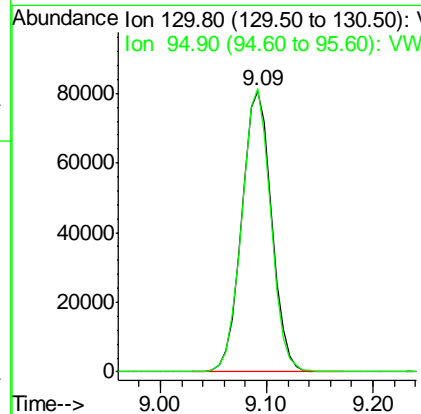
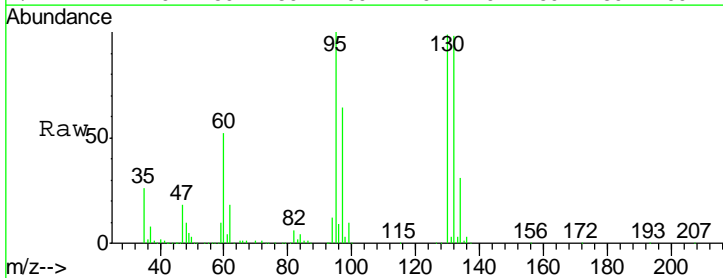
**Manual Integrations**  
**APPROVED**

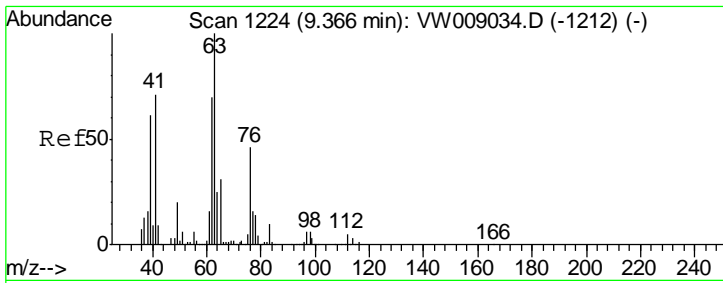
MMDadoda  
 3/12/2019 1:15:36 PM



#44  
 Trichloroethene  
 Concen: 48.049 ug/l  
 RT: 9.09 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
130	100		
95	100.6	0.0	197.0



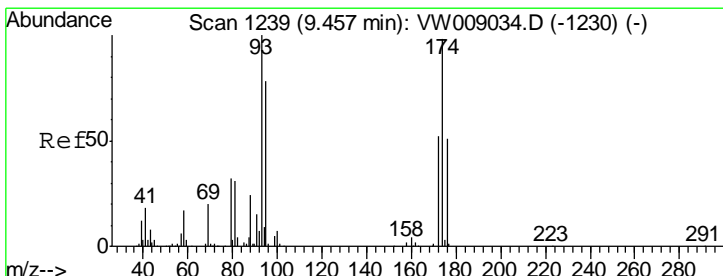
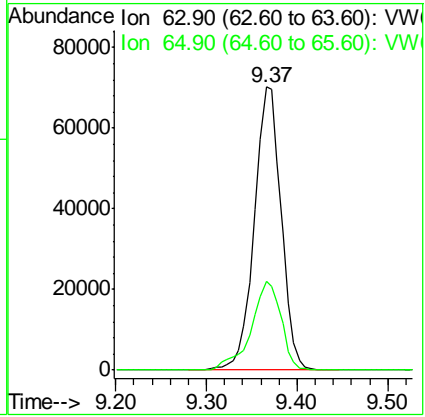
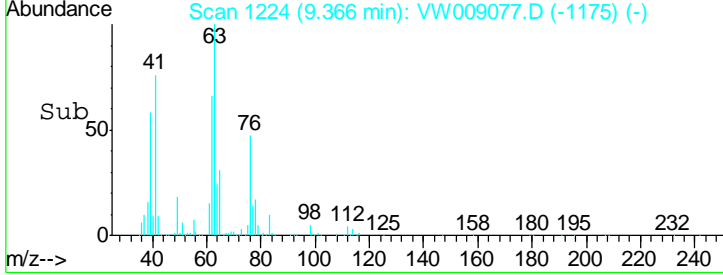
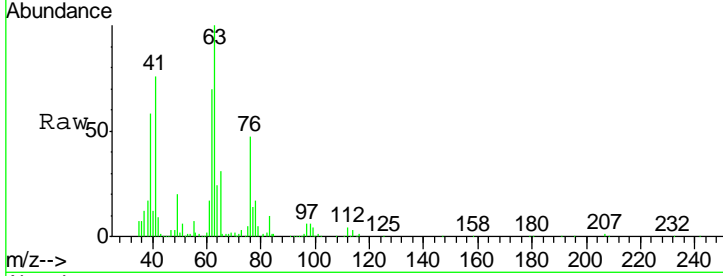


#45  
 1,2-Dichloropropane  
 Concen: 48.611 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

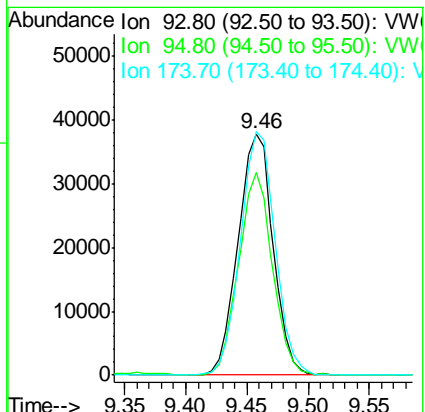
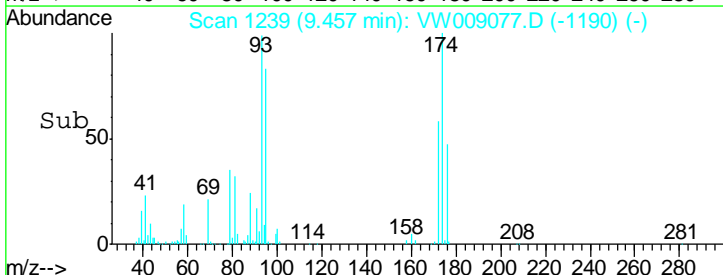
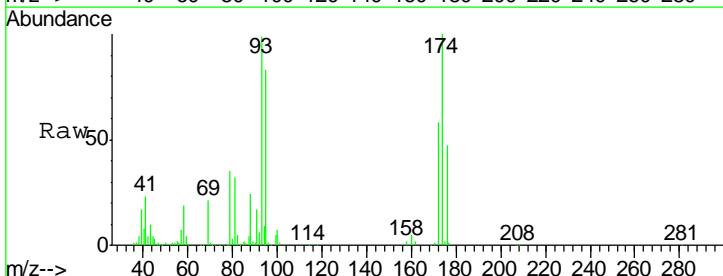
Tgt Ion	Resp	Lower	Upper
63	100		
65	31.3	24.9	37.3

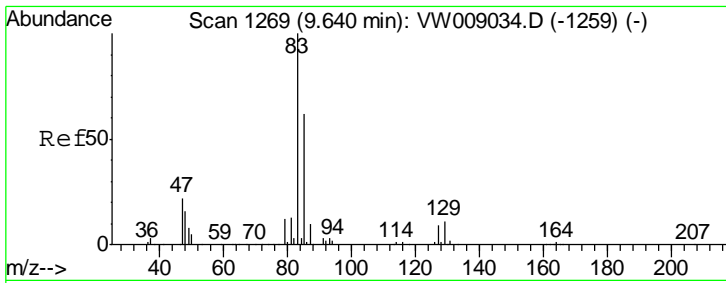
Manual Integrations  
**APPROVED**  
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#46  
 Dibromomethane  
 Concen: 46.515 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
93	100		
95	81.3	65.0	97.6
174	100.5	81.8	122.6





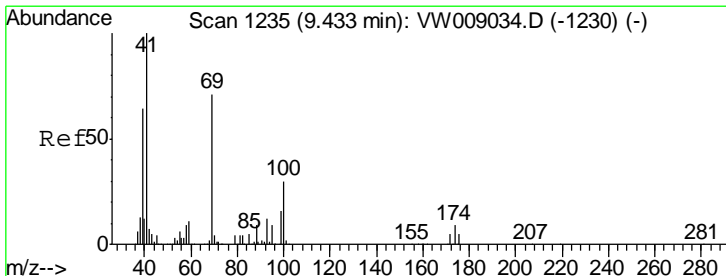
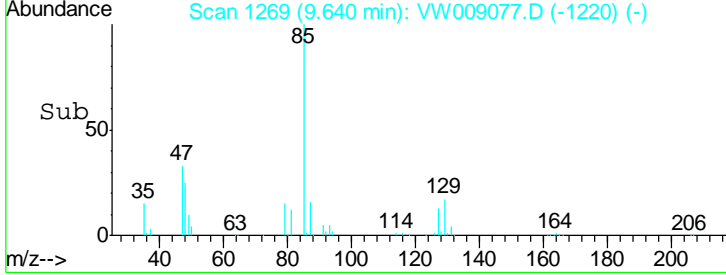
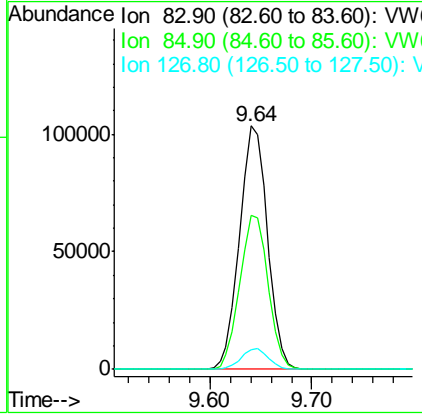
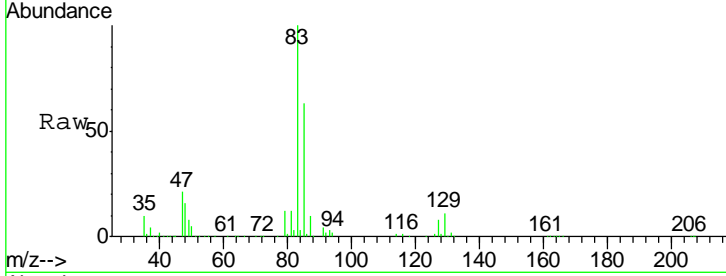
#47  
 Bromodichloromethane  
 Concen: 48.210 ug/l  
 RT: 9.64 min Scan# 1269  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	197094		
85	63.2	49.9	74.9
127	8.3	7.1	10.7

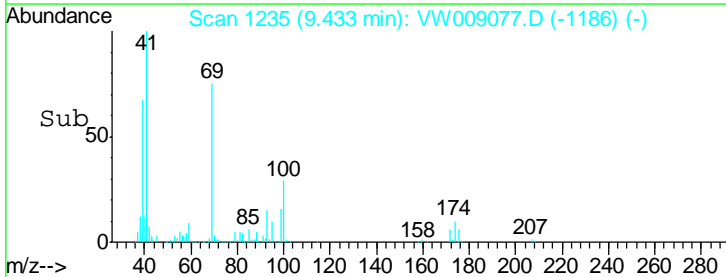
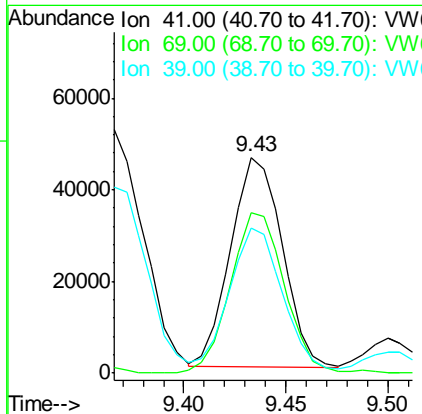
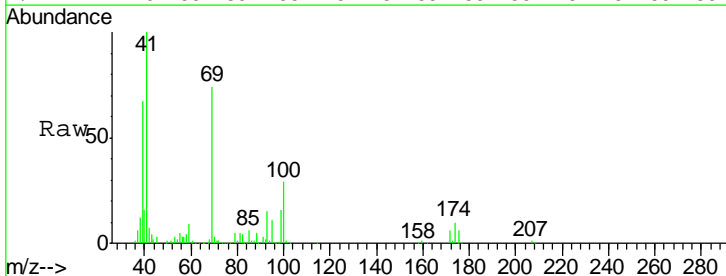
Manual Integrations  
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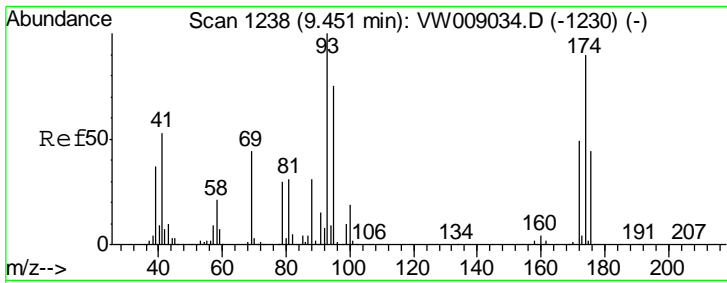
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#48  
 Methyl methacrylate  
 Concen: 44.625 ug/l  
 RT: 9.43 min Scan# 1235  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
41	80403		
69	80.7	59.1	88.7
39	67.5	48.9	73.3





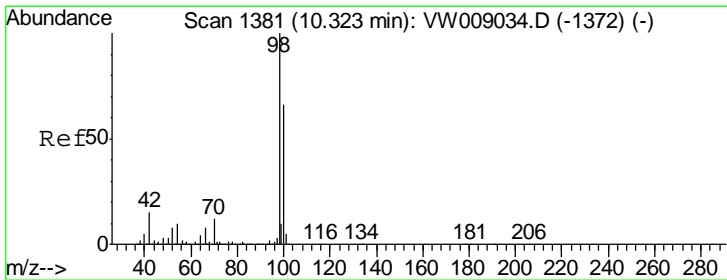
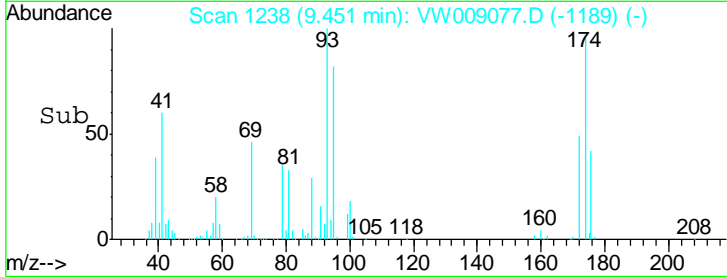
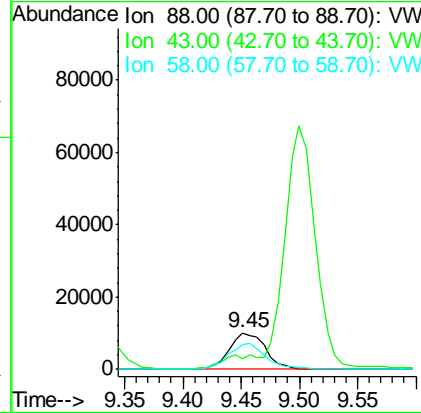
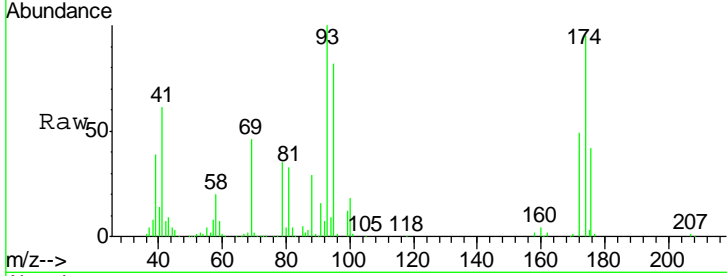
#49  
 1,4-Dioxane  
 Concen: 939.899 ug/l  
 RT: 9.45 min Scan# 1238  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
88	21737		
88	100		
43	22.2	29.0	43.4#
58	74.2	59.2	88.8

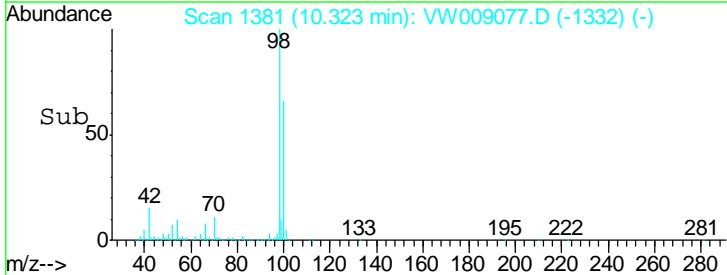
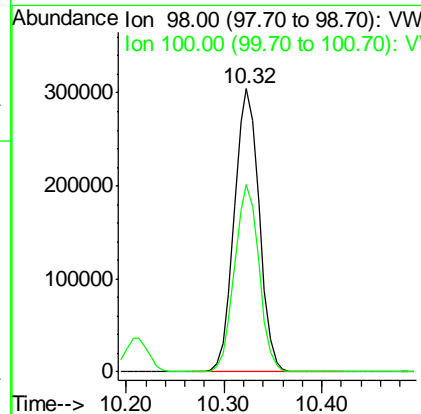
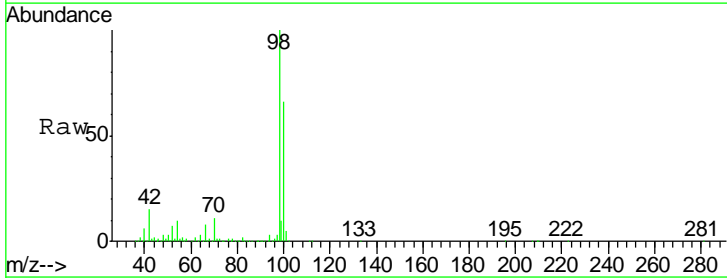
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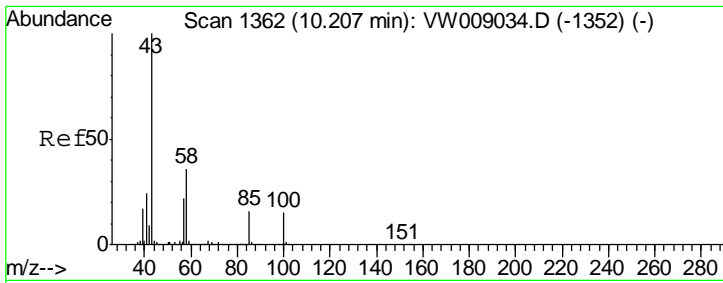
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 3/12/2019 1:15:36 PM



#50  
 Toluene-d8  
 Concen: 51.327 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
98	536911		
98	100		
100	64.8	51.9	77.9



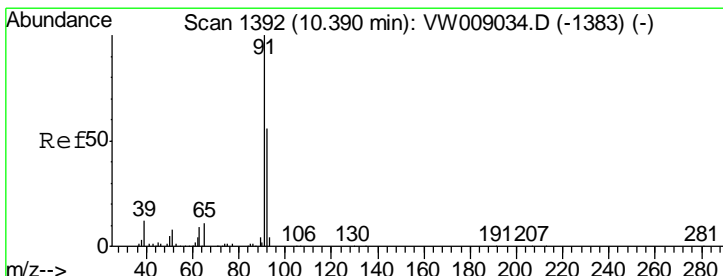
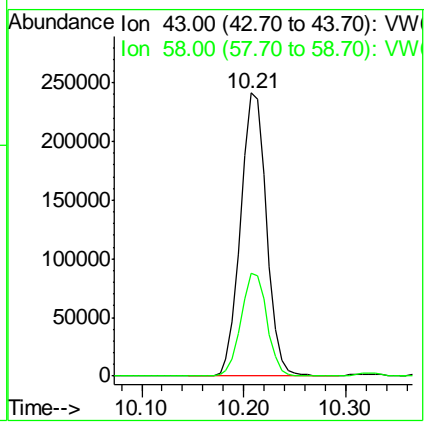
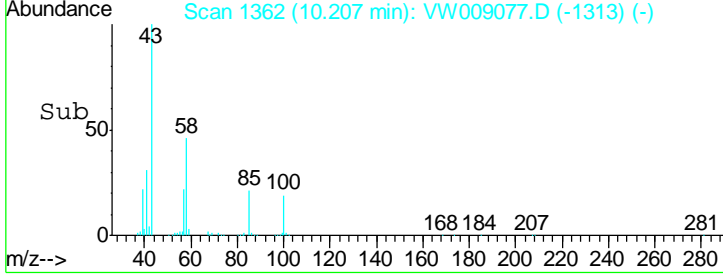
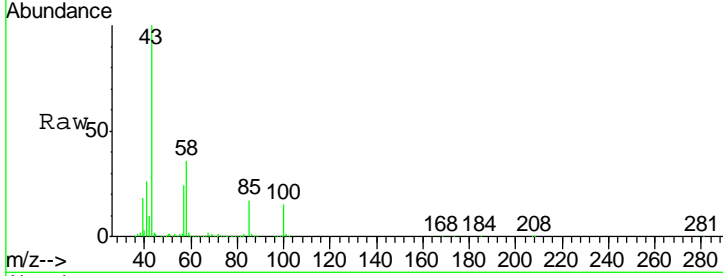


#51  
 4-Methyl-2-Pentanone  
 Concen: 216.612 ug/l  
 RT: 10.21 min Scan# 1362  
 Delta R.T. 0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

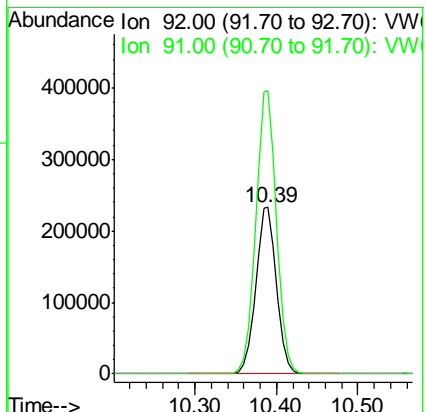
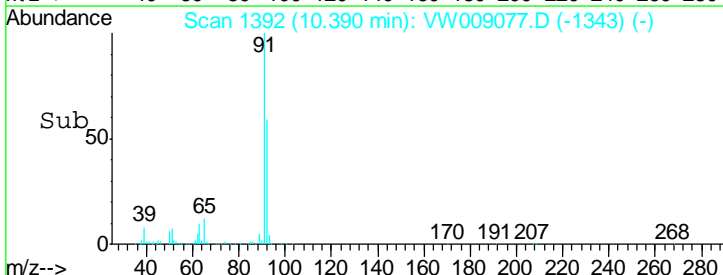
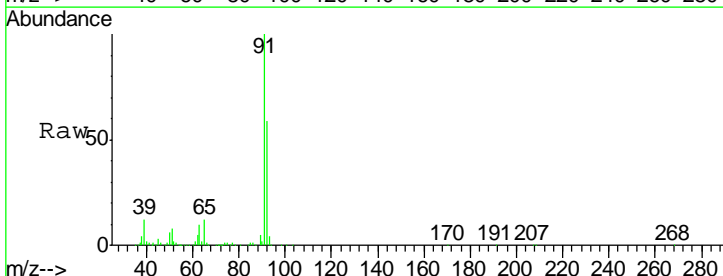
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.8	43.2

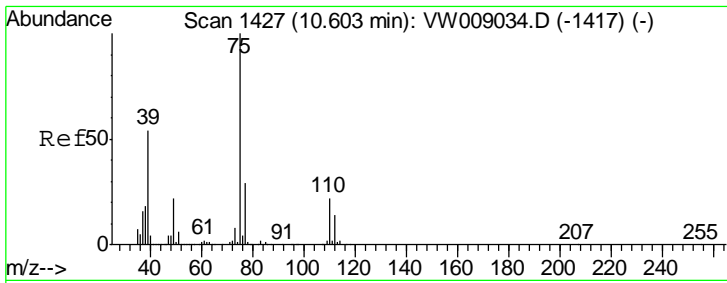
Manual Integrations  
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#52  
 Toluene  
 Concen: 51.670 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.5	139.9	209.9



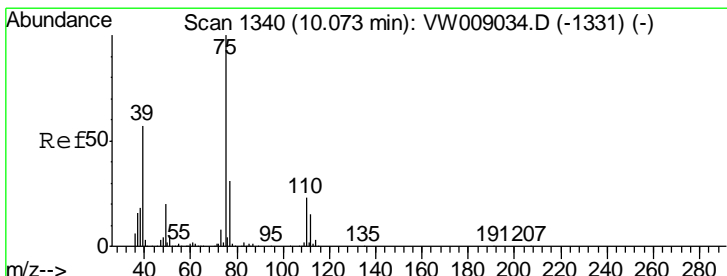
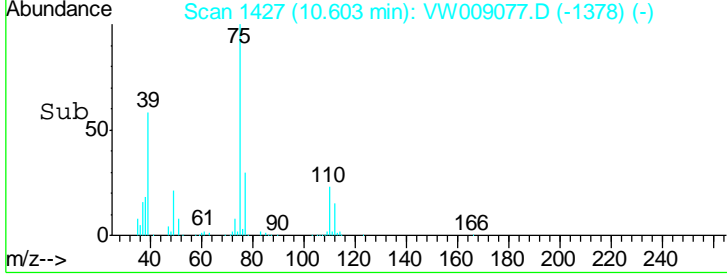
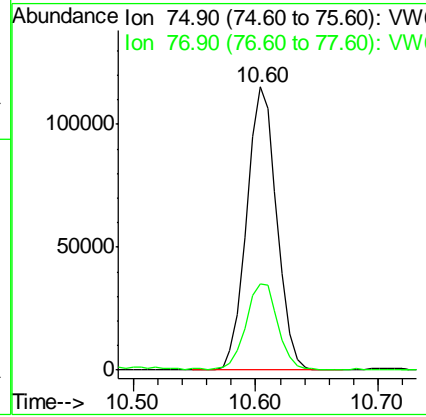
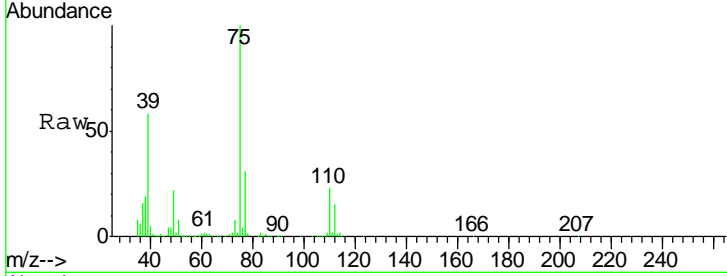


#53  
 t-1,3-Dichloropropene  
 Concen: 48.523 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

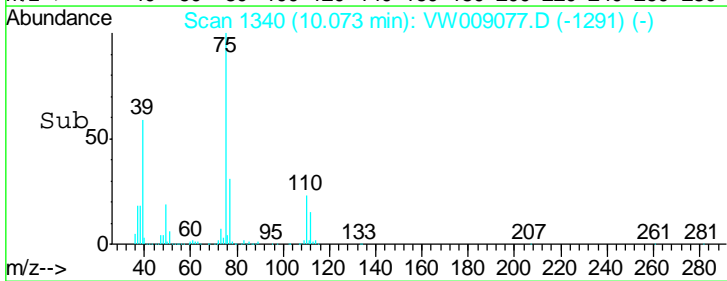
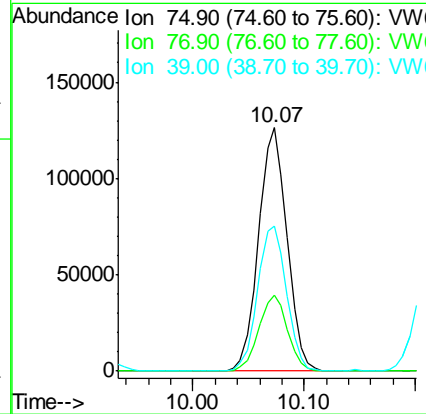
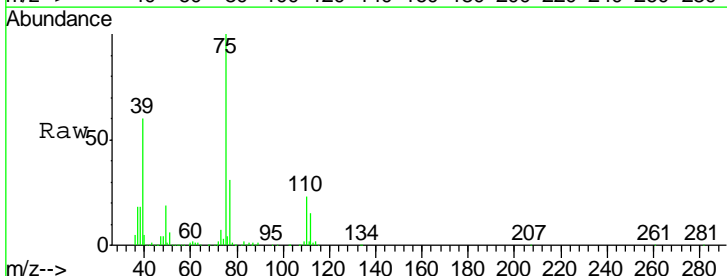
Tgt Ion	Resp	Lower	Upper
75	196201		
75	100		
77	30.4	23.6	35.4

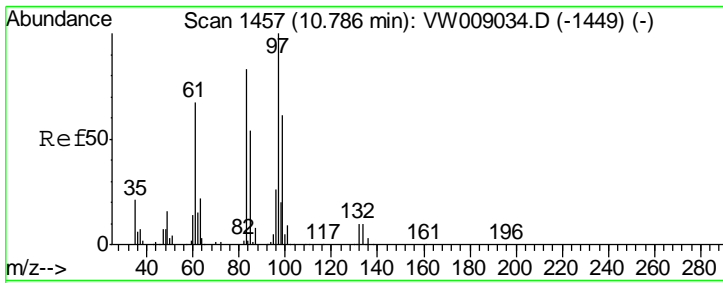
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#54  
 cis-1,3-Dichloropropene  
 Concen: 48.331 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
75	224572		
75	100		
77	31.0	24.6	36.8
39	59.5	45.9	68.9





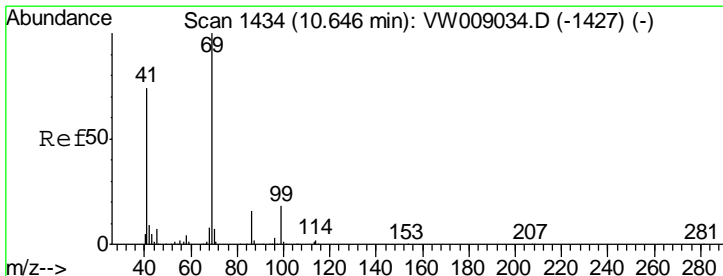
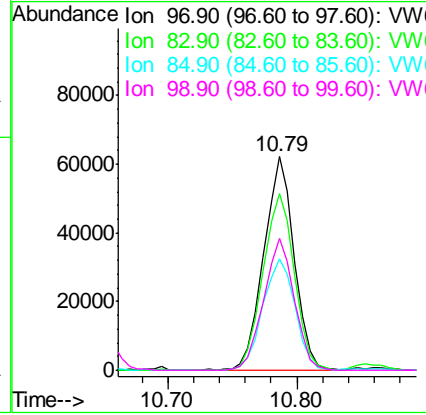
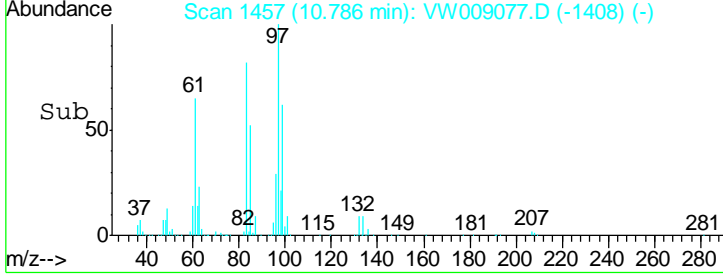
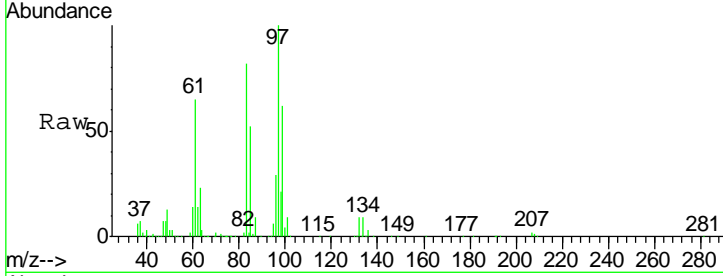
#55  
 1,1,2-Trichloroethane  
 Concen: 46.585 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
97	101974		
83	82.3	66.2	99.2
85	51.9	43.6	65.4
99	61.7	49.0	73.4

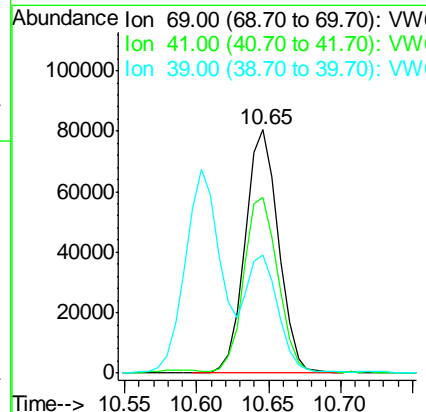
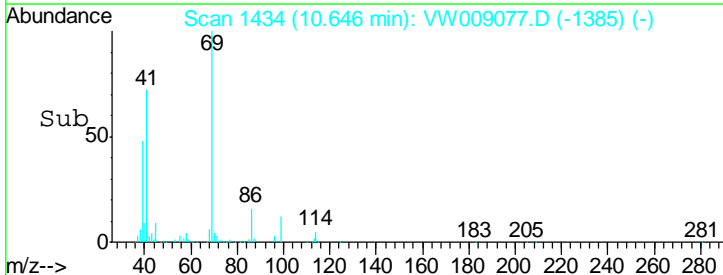
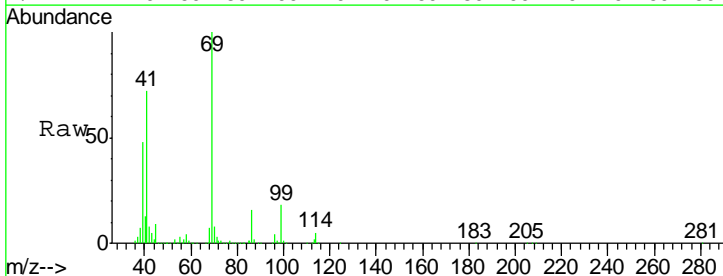
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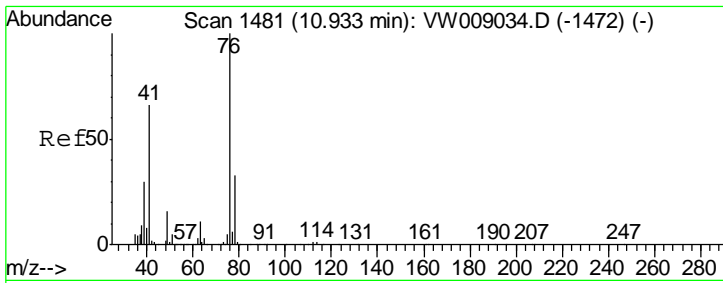


#56  
 Ethyl methacrylate  
 Concen: 47.275 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
69	128432		
41	73.3	59.4	89.2
39	45.4	38.5	57.7





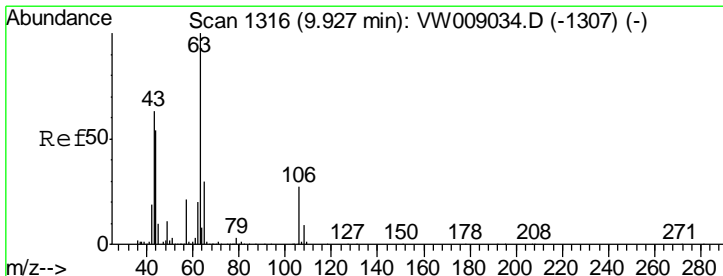
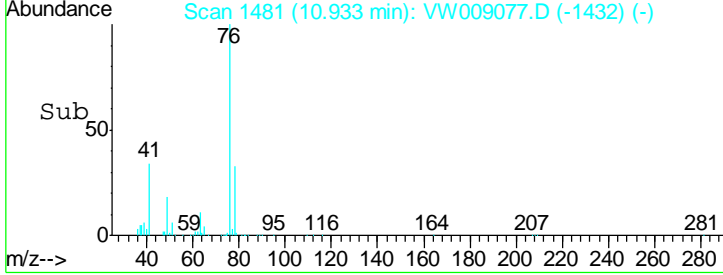
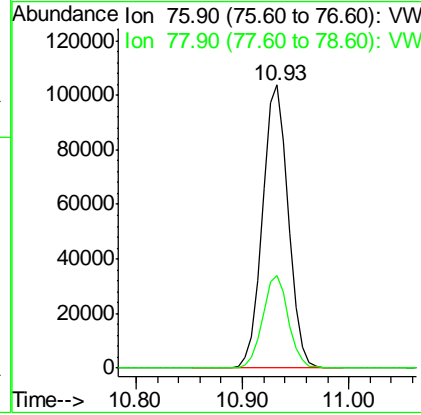
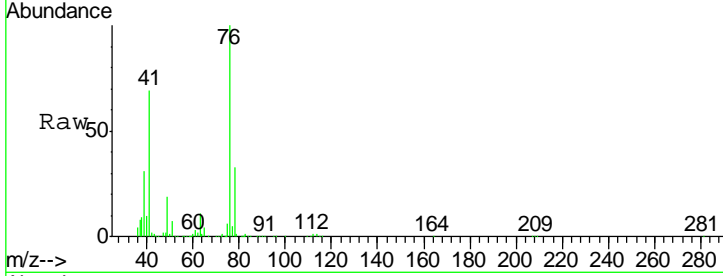


#57  
 1,3-Dichloropropane  
 Concen: 45.414 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

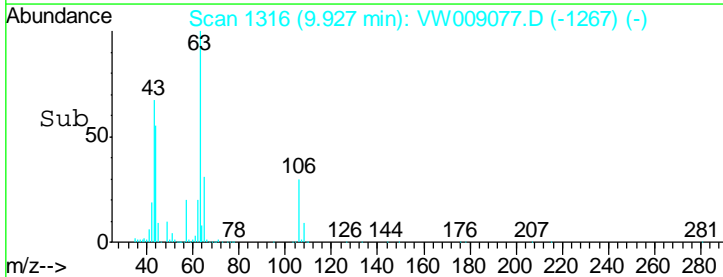
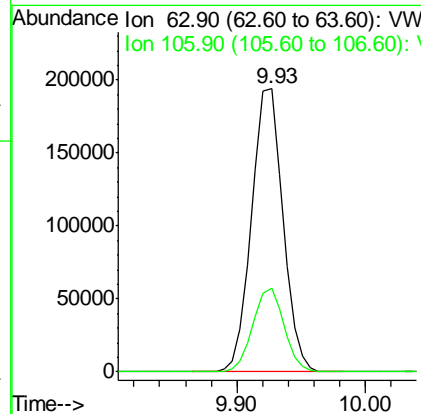
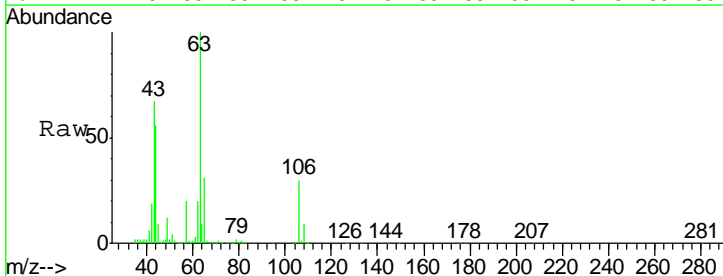
Tgt Ion	Resp	Lower	Upper
76	176105		
76	100		
78	32.7	25.7	38.5

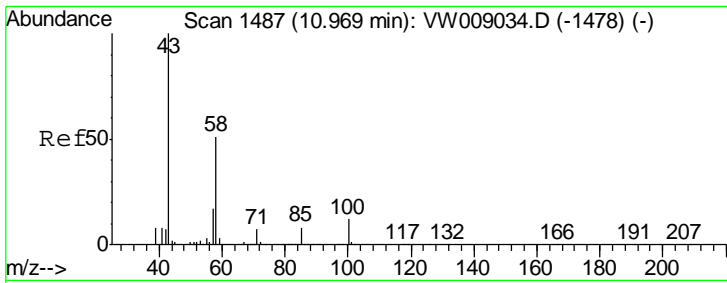
Manual Integrations  
**APPROVED**  
 MMDadoda  
 3/12/2019 1:15:36 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 231.151 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
63	325547		
63	100		
106	29.4	23.0	34.6





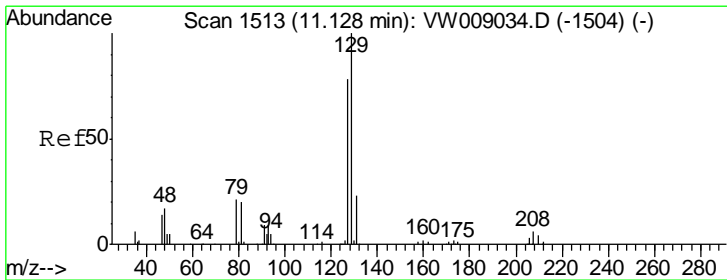
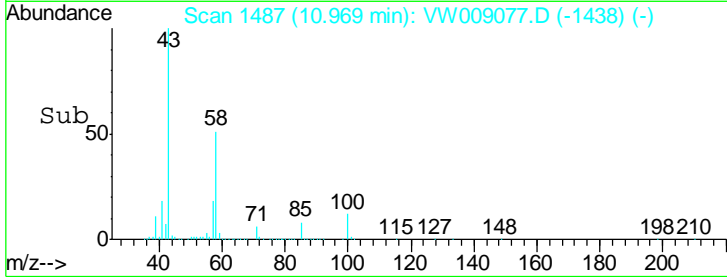
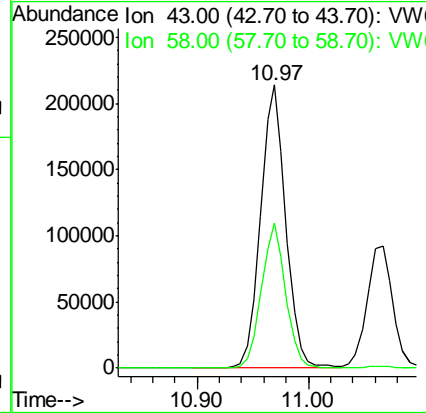
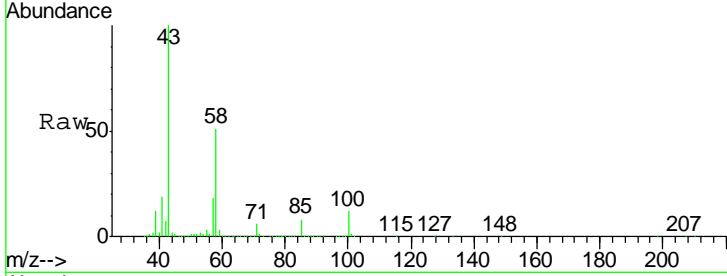
#59  
 2-Hexanone  
 Concen: 243.324 ug/l  
 RT: 10.97 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
58	49.5	25.3	75.9

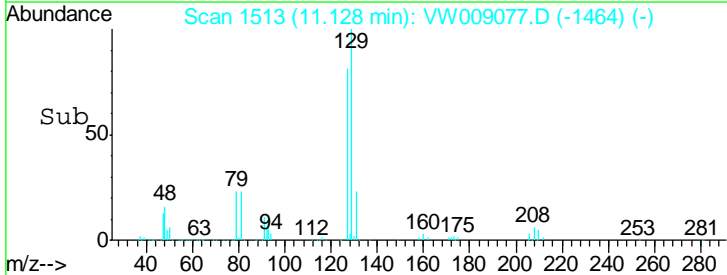
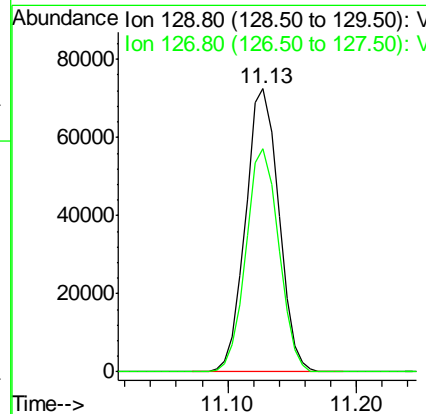
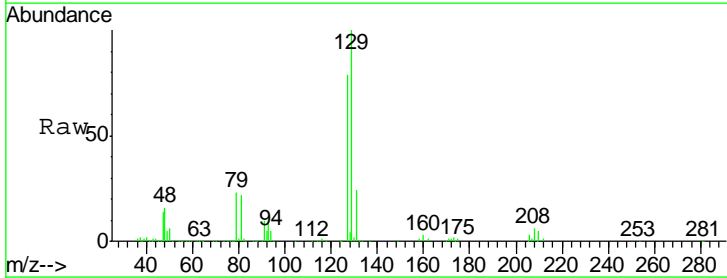
Manual Integrations  
 APPROVED

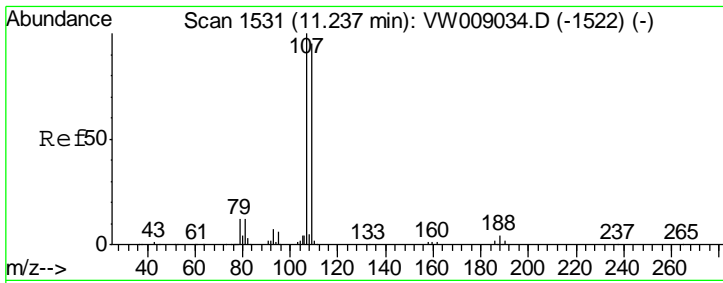
MMDadoda  
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#60  
 Dibromochloromethane  
 Concen: 47.565 ug/l  
 RT: 11.13 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
129	100		
127	78.1	38.4	115.1





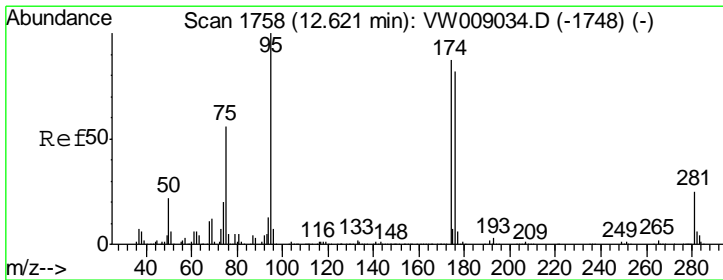
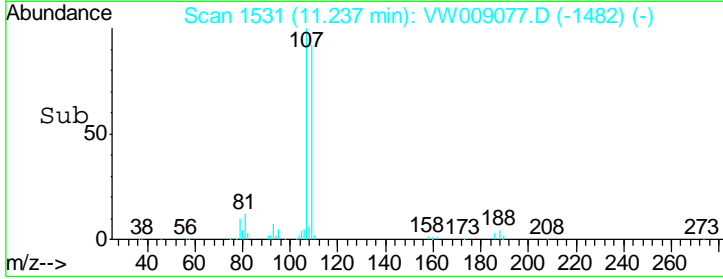
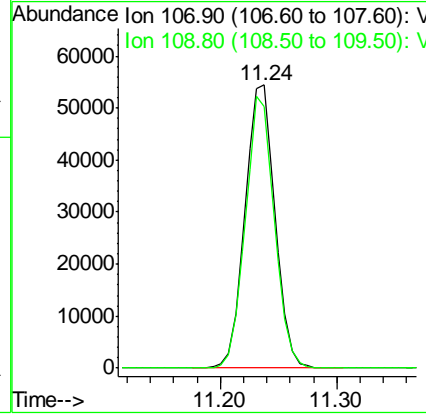
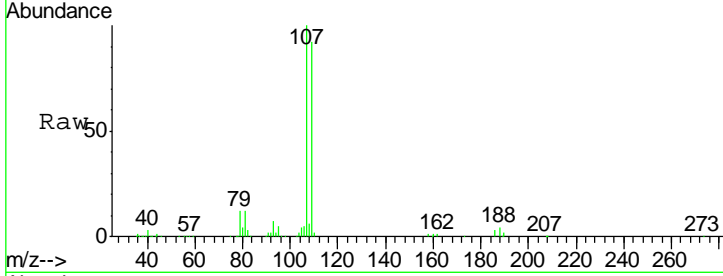
#61  
 1,2-Dibromoethane  
 Concen: 45.507 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
107	100		
109	93.2	74.7	112.1

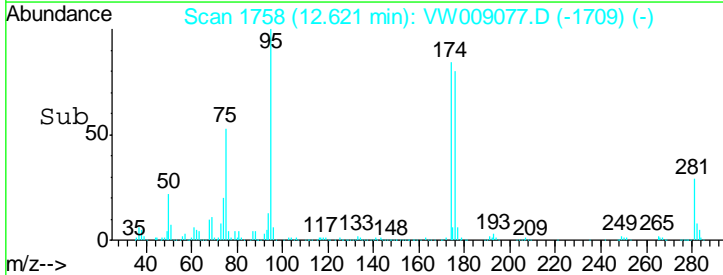
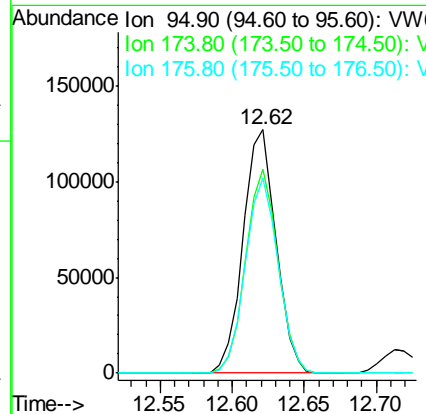
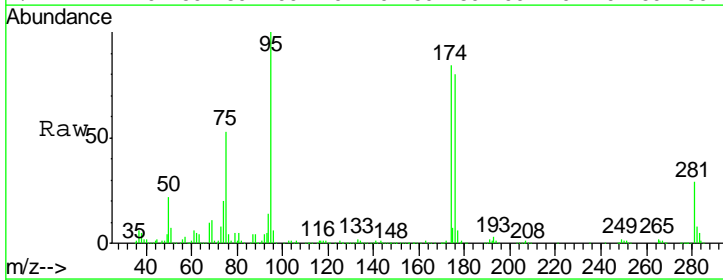
Manual Integrations  
 APPROVED

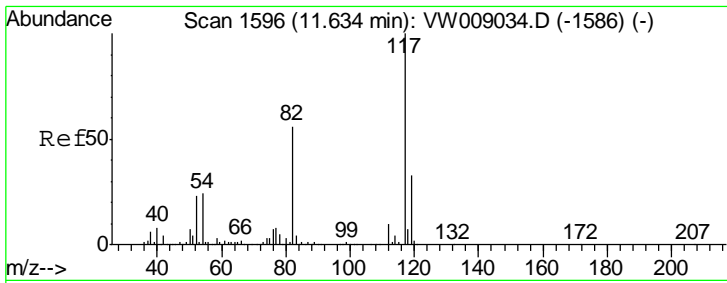
MMDadoda  
 3/12/2019 1:15:36 PM



#62  
 4-Bromofluorobenzene  
 Concen: 48.947 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
95	100		
174	82.1	0.0	167.0
176	79.7	0.0	159.4



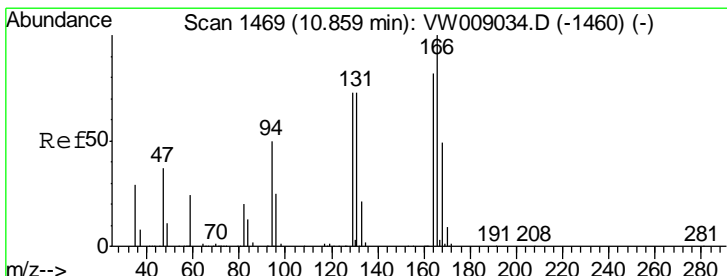
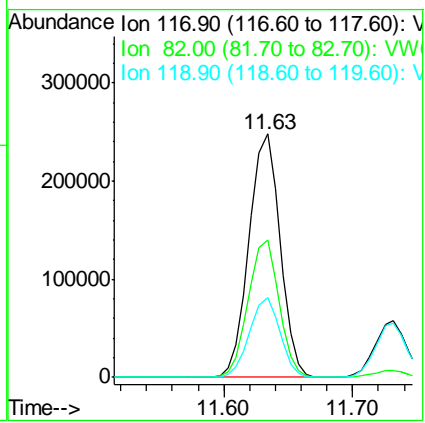
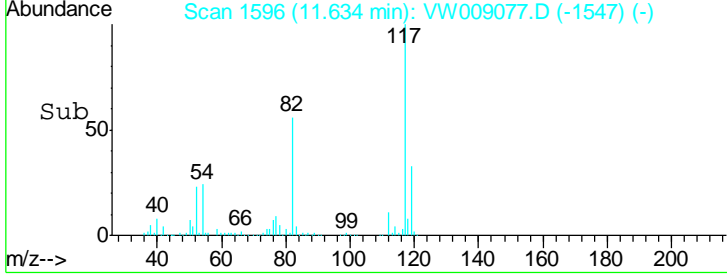
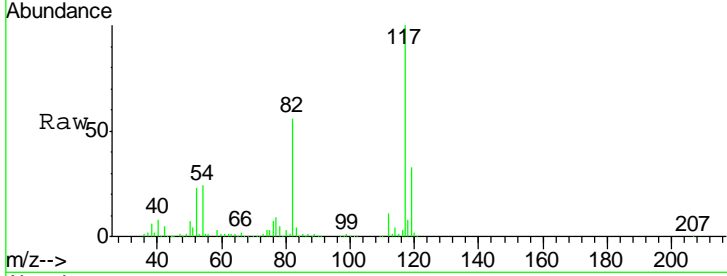


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.63 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

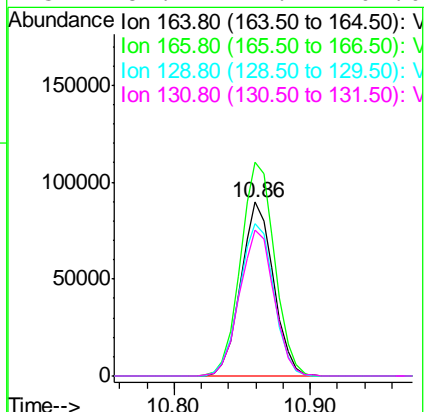
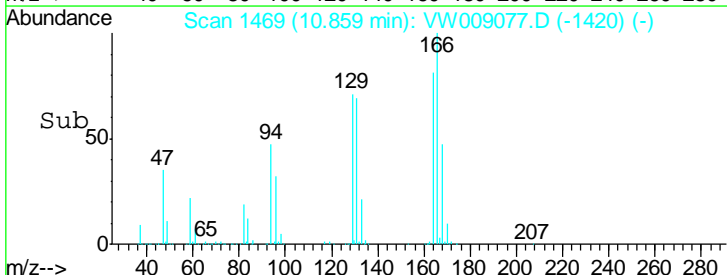
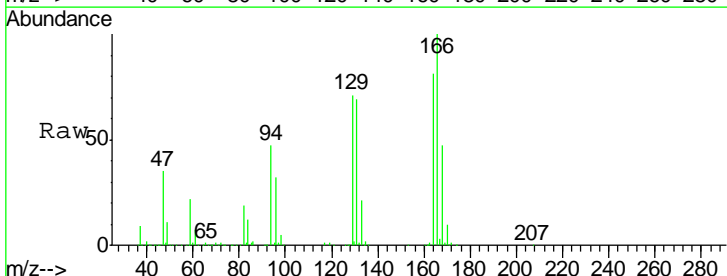
Tgt Ion	Resp	Lower	Upper
117	100		
82	56.2	45.0	67.6
119	33.0	26.6	39.8

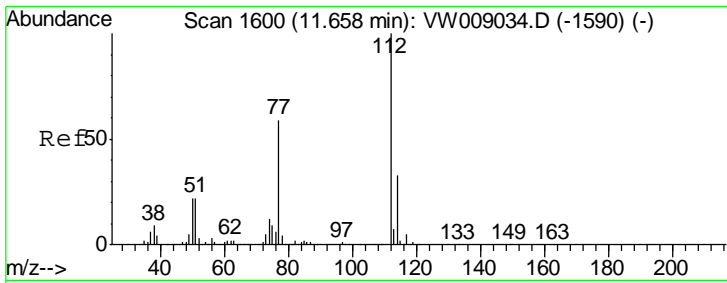
Manual Integrations  
**APPROVED**  
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#64  
 Tetrachloroethene  
 Concen: 50.309 ug/l  
 RT: 10.86 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
164	100		
166	123.1	97.8	146.6
129	87.9	71.6	107.4
131	84.4	71.4	107.0





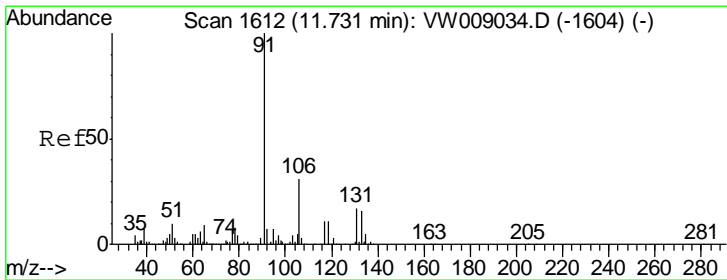
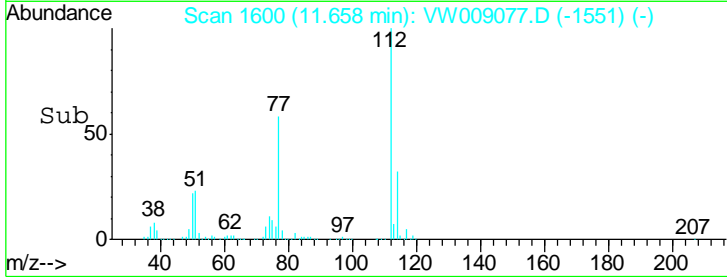
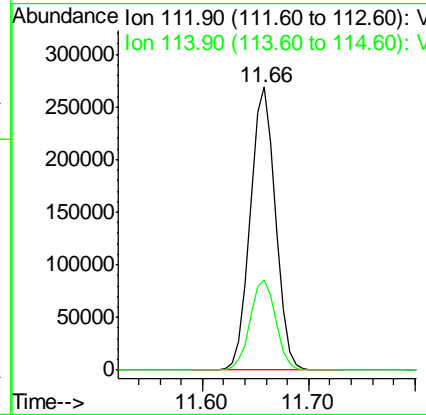
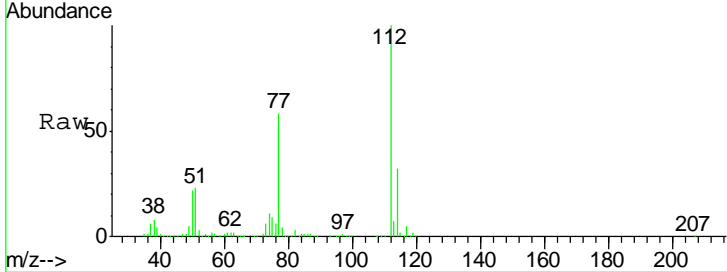
#65  
 Chlorobenzene  
 Concen: 49.637 ug/l  
 RT: 11.66 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
112	100		
114	31.9	26.6	40.0

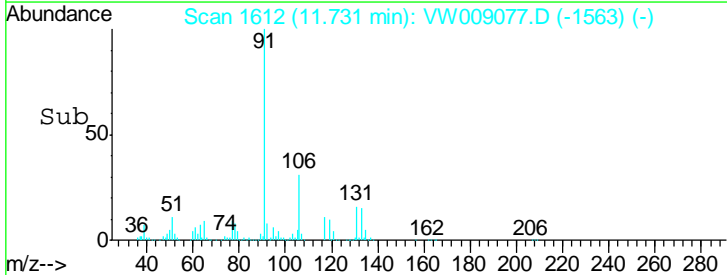
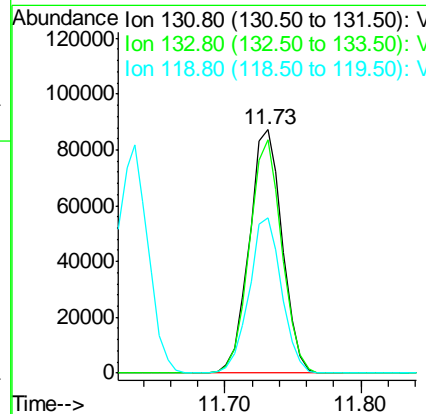
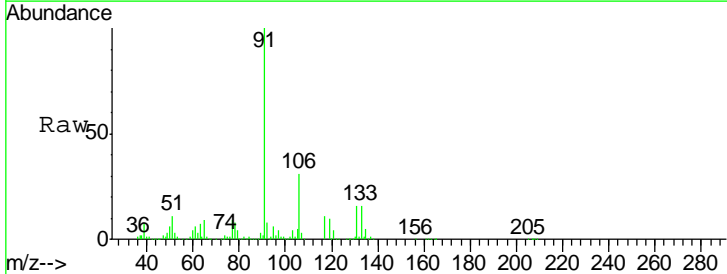
Manual Integrations  
 APPROVED

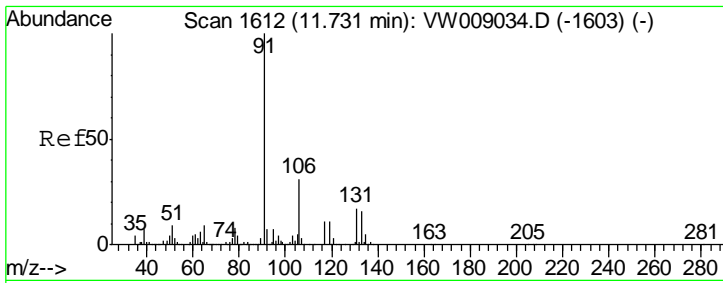
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 49.277 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
131	100		
133	94.1	47.6	142.8
119	62.7	31.3	93.8





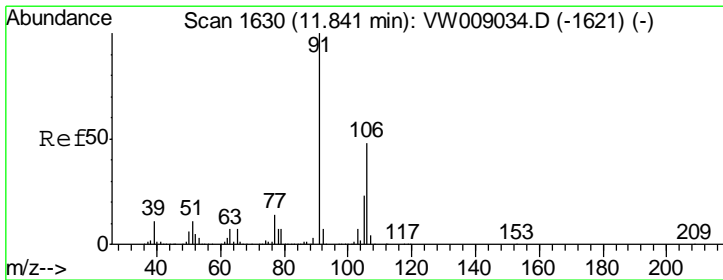
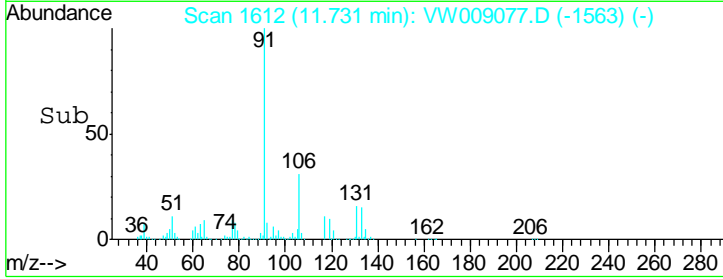
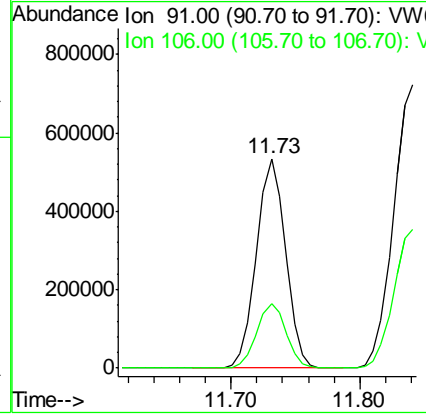
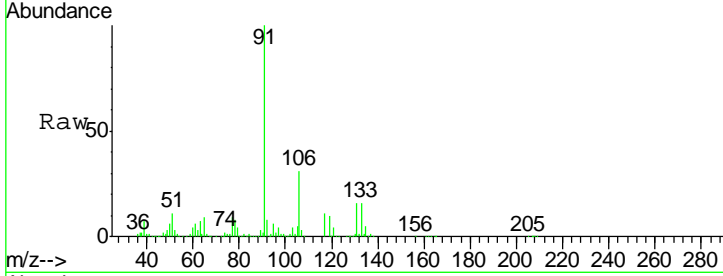
#67  
 Ethyl Benzene  
 Concen: 51.014 ug/l  
 RT: 11.73 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 Client Sampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	100		
106	30.9	25.0	37.4

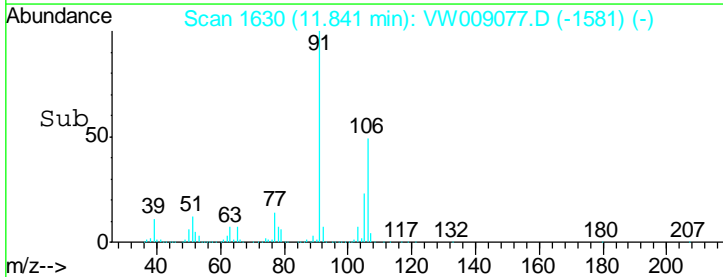
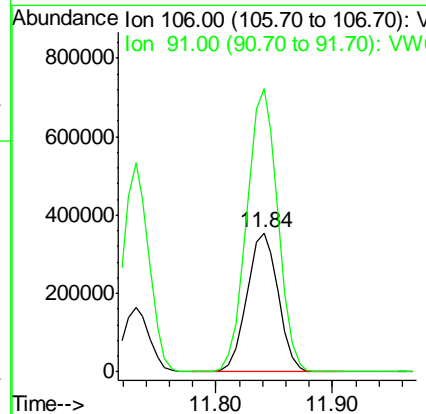
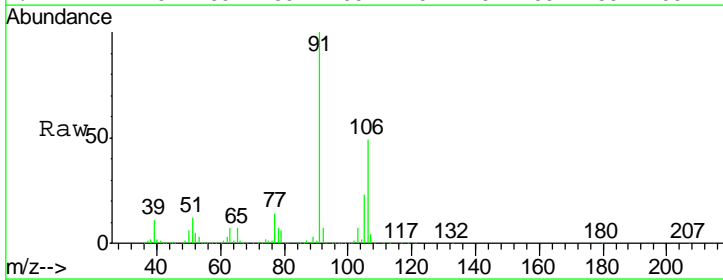
Manual Integrations  
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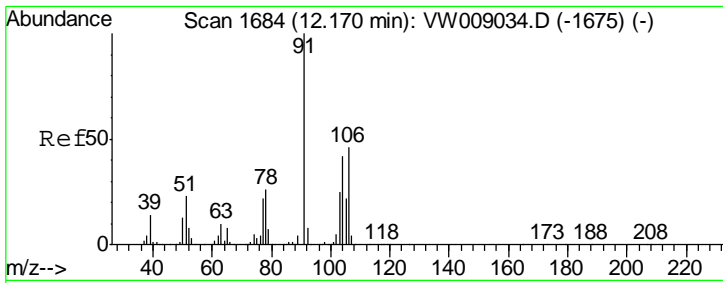
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#68  
 m/p-Xylenes  
 Concen: 102.769 ug/l  
 RT: 11.84 min Scan# 1630  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
106	100		
91	202.6	163.2	244.8



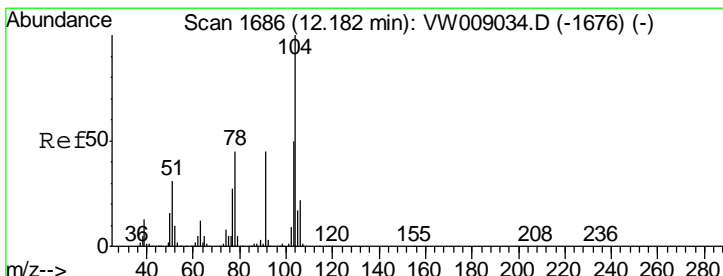
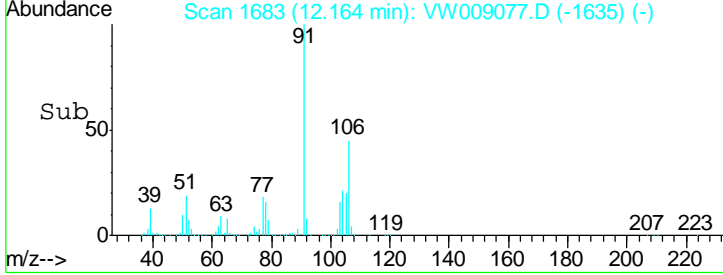
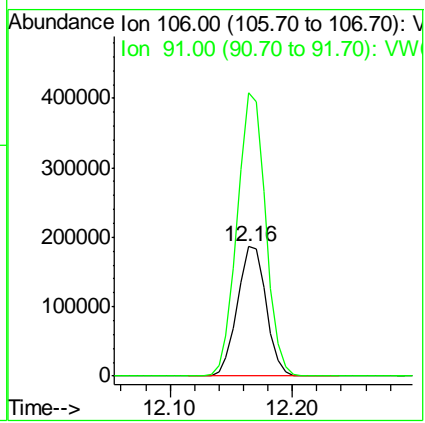
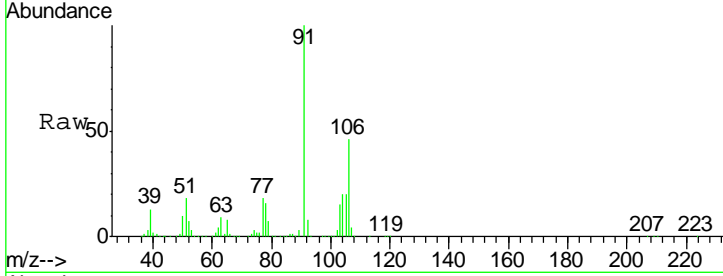


#69  
 o-Xylene  
 Concen: 50.833 ug/l  
 RT: 12.16 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 Client Sampled : VSTDCCC050

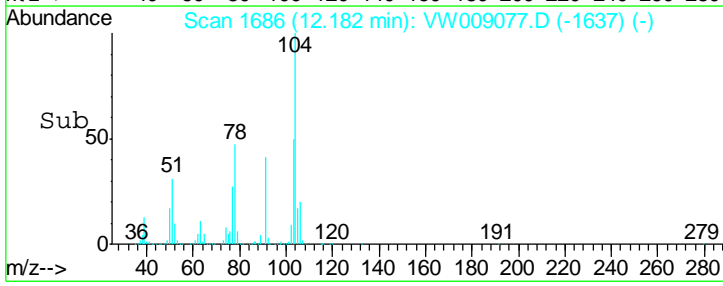
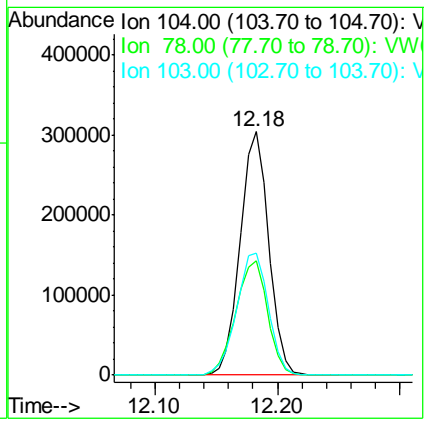
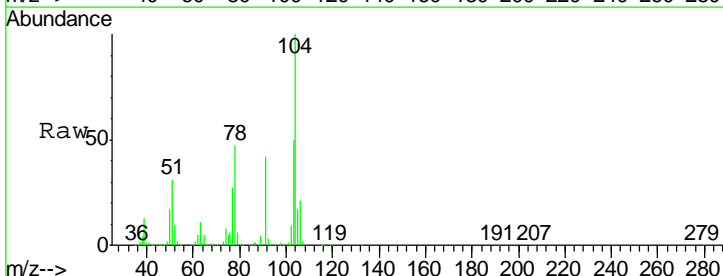
Tgt Ion	Resp	Lower	Upper
106	303825		
106	100		
91	215.5	108.6	325.6

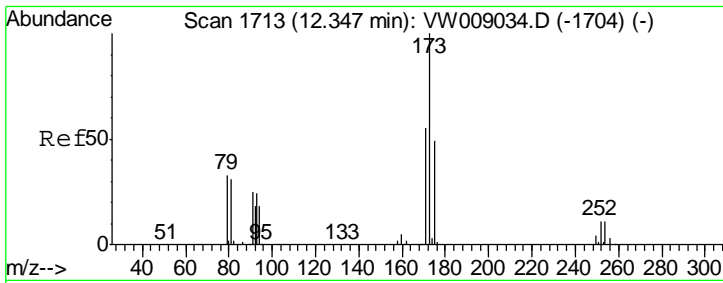
Manual Integrations  
**APPROVED**  
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#70  
 Styrene  
 Concen: 50.908 ug/l  
 RT: 12.18 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
104	492301		
104	100		
78	52.4	42.1	63.1
103	55.8	43.9	65.9





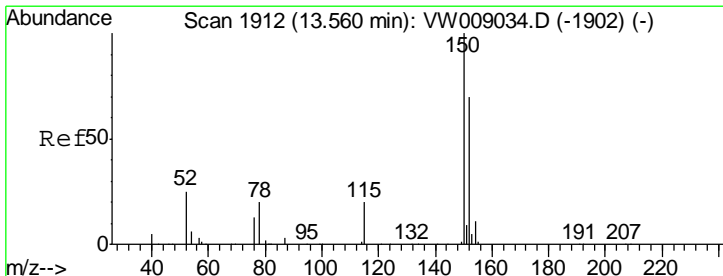
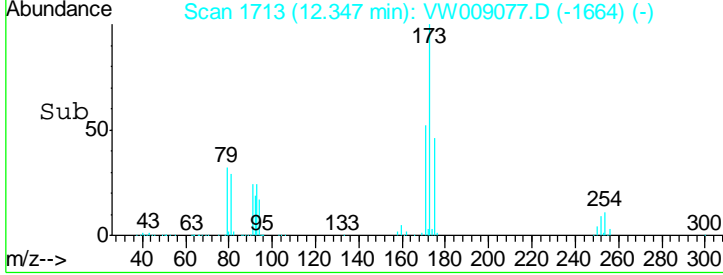
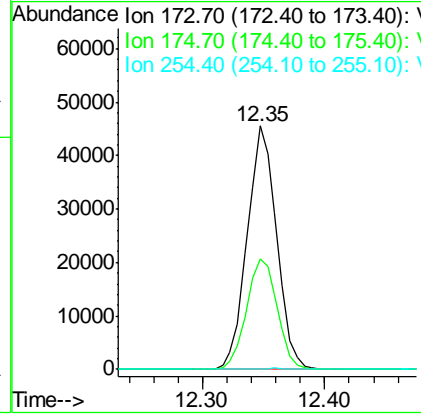
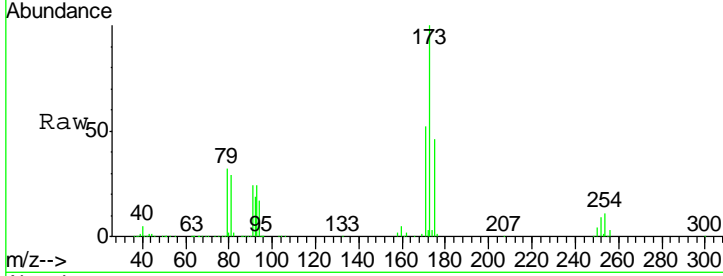
#71  
 Bromoform  
 Concen: 47.126 ug/l  
 RT: 12.35 min Scan# 1713  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
173	100		
175	47.0	24.6	74.0
254	0.1	0.0	0.0#

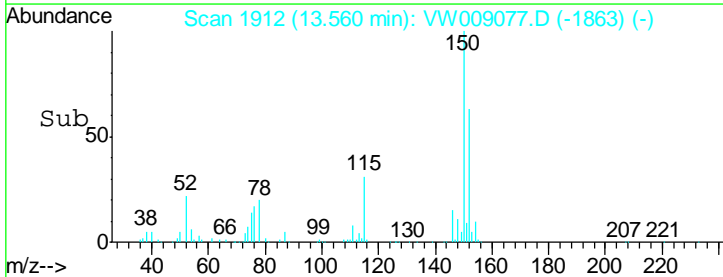
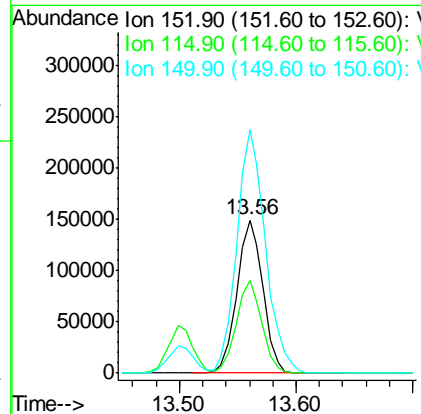
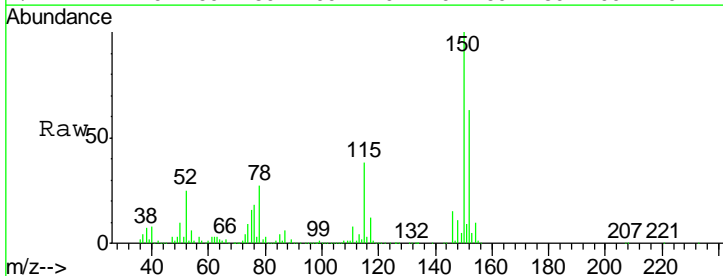
**Manual Integrations**  
**APPROVED**

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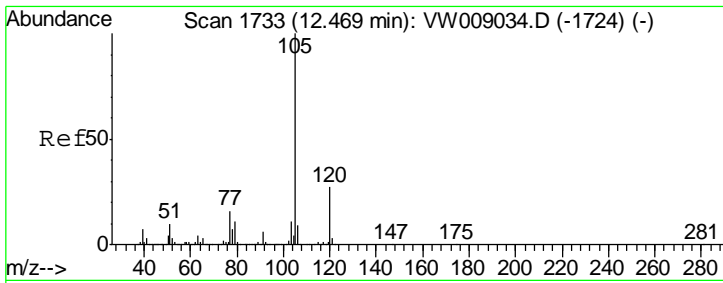


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.56 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
152	100		
115	59.4	28.9	86.7
150	176.3	0.0	349.2







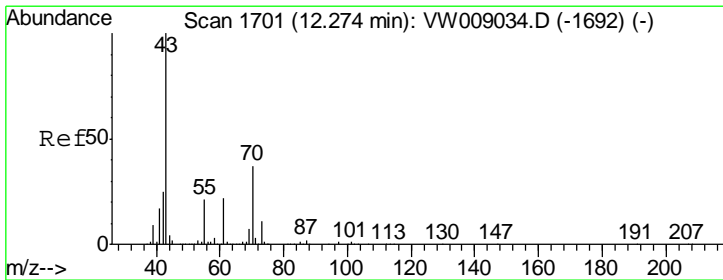
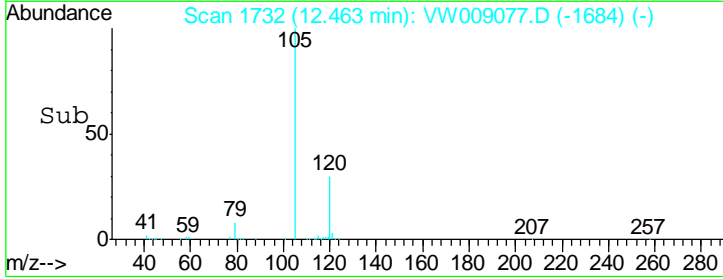
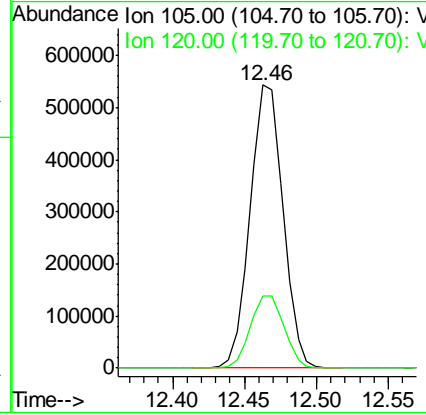
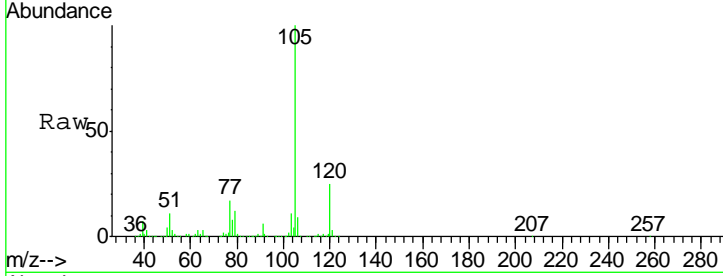
#73  
 Isopropylbenzene  
 Concen: 51.881 ug/l  
 RT: 12.46 min Scan# 1732  
 Delta R.T. -0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
105	100		
120	26.2	13.2	39.6

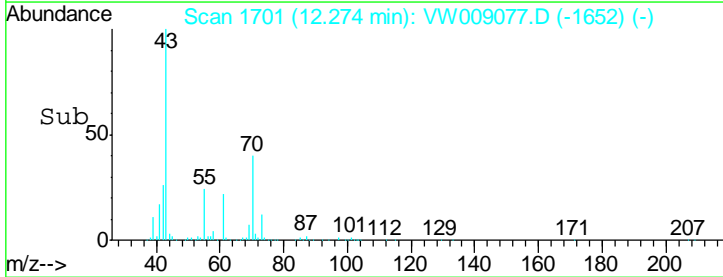
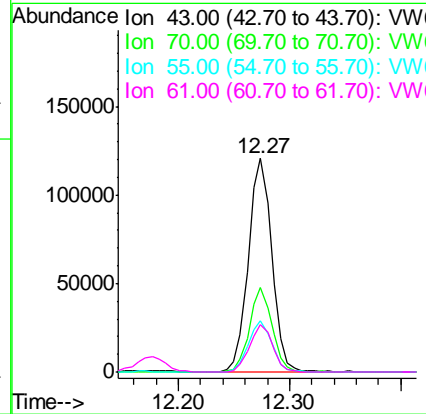
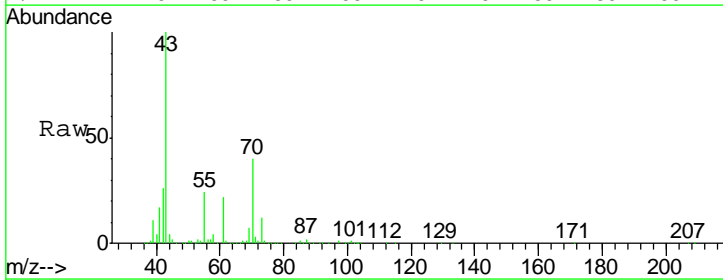
Manual Integrations  
 APPROVED

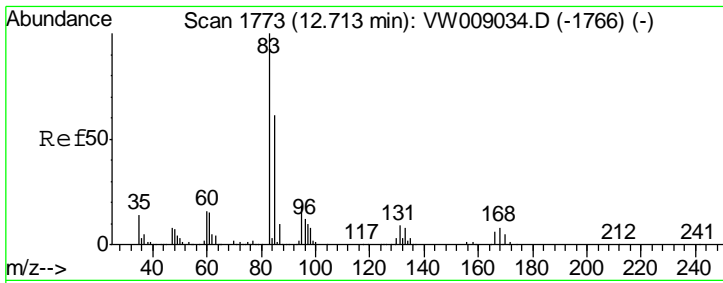
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 3/12/2019 1:15:36 PM



#74  
 N-aryl acetate  
 Concen: 45.122 ug/l  
 RT: 12.27 min Scan# 1701  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
43	100		
70	38.3	30.8	46.2
55	24.3	17.8	26.8
61	21.7	17.4	26.2





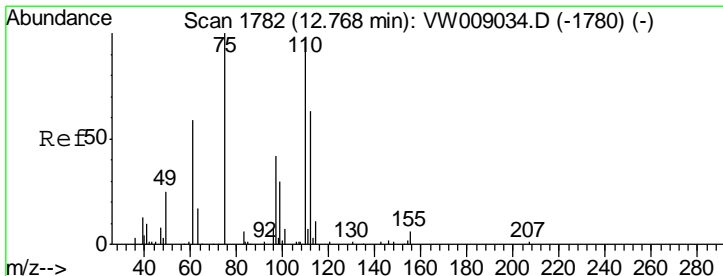
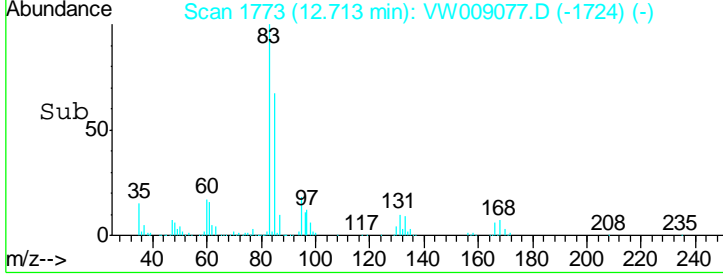
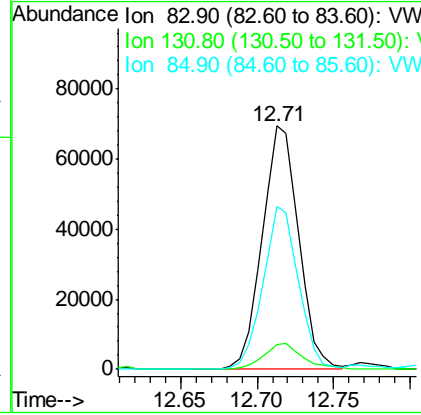
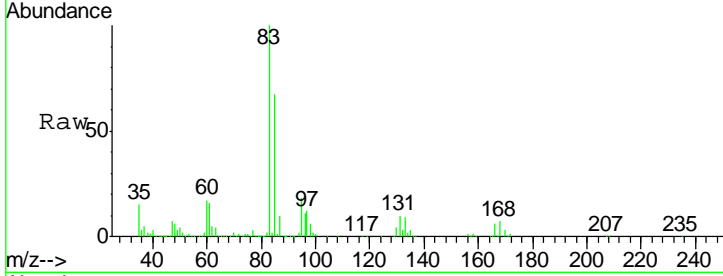
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 44.273 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
83	115315		
83	100		
131	11.6	5.5	16.7
85	64.8	31.7	95.1

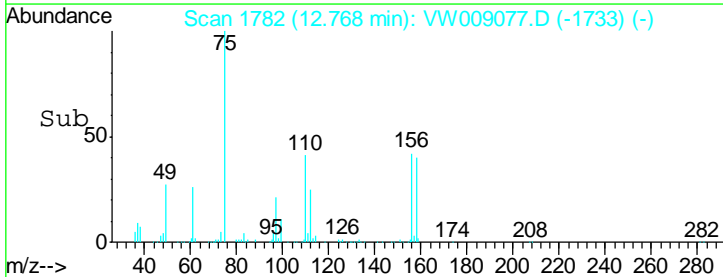
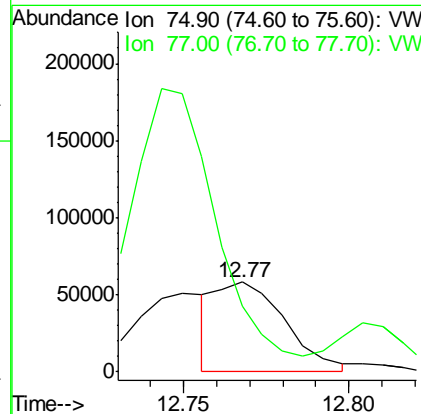
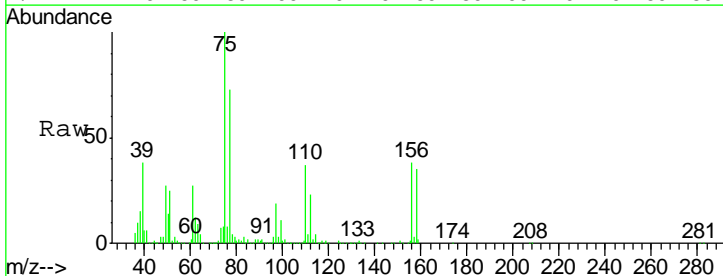
**Manual Integrations**  
**APPROVED**

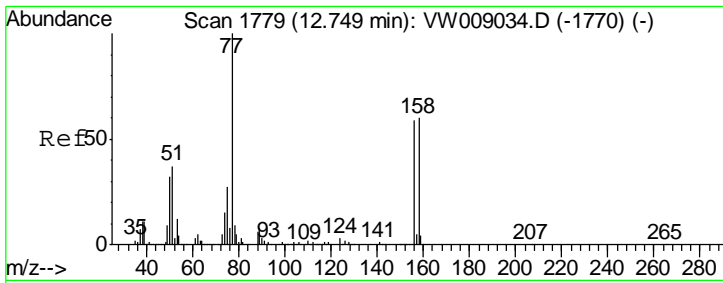
MMDadoda  
 3/12/2019 1:15:36 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 46.179 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
75	84127		
75	100		
77	0.0	186.7	560.0#



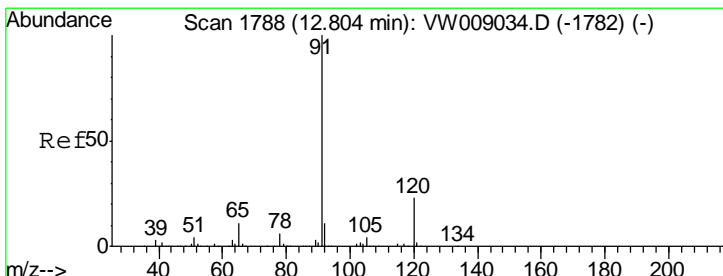
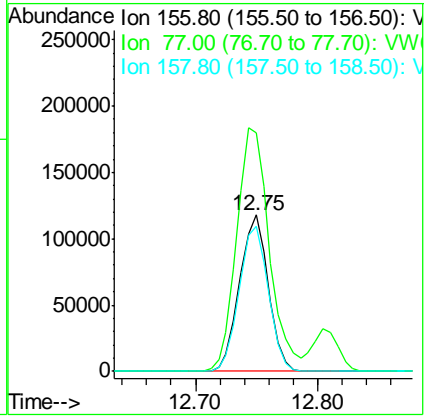
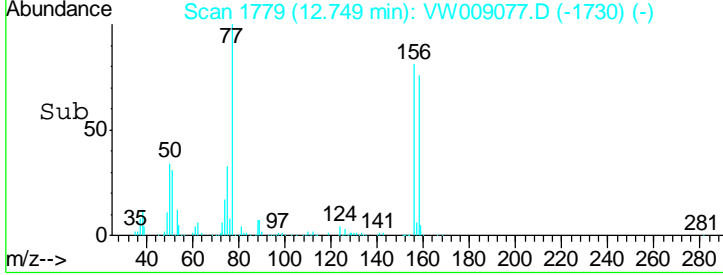
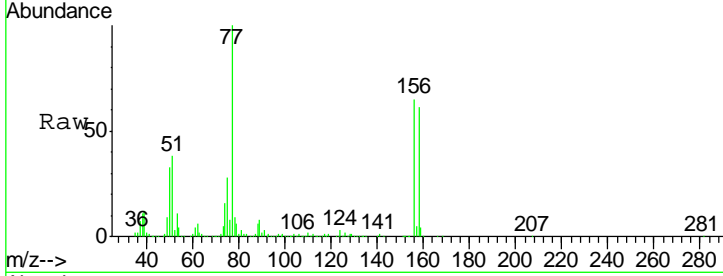


#77  
 Bromobenzene  
 Concen: 50.877 ug/l  
 RT: 12.75 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 Client Sampled : VSTDCCC050

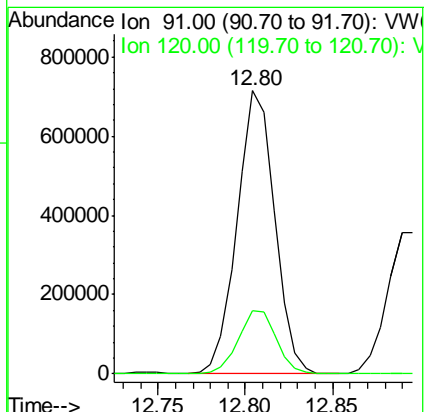
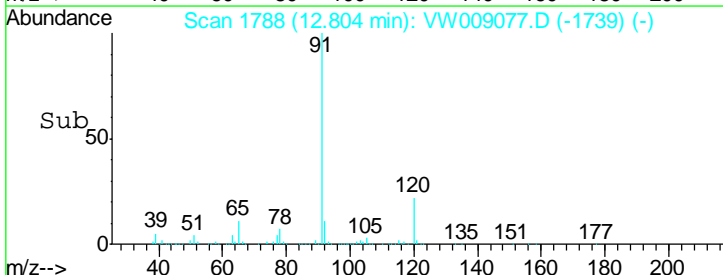
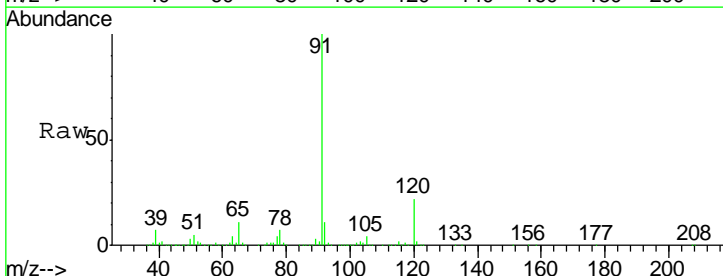
Tgt Ion	Resp	Lower	Upper
156	191948		
77	177.0	93.0	279.2
158	94.2	50.0	149.8

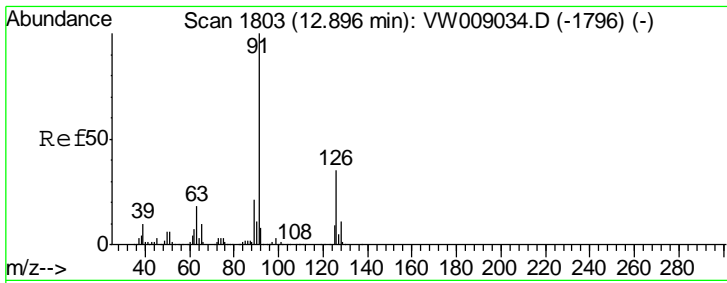
Manual Integrations  
**APPROVED**  
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#78  
 n-propylbenzene  
 Concen: 52.576 ug/l  
 RT: 12.80 min Scan# 1788  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
91	1069325		
120	22.6	11.4	34.2



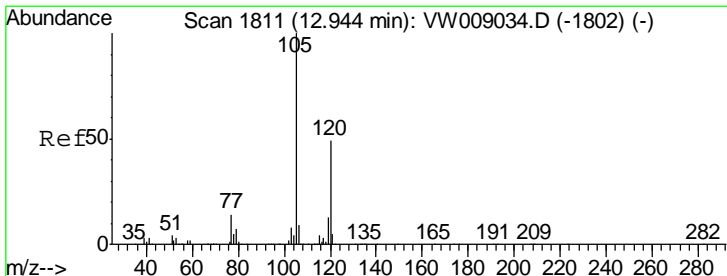
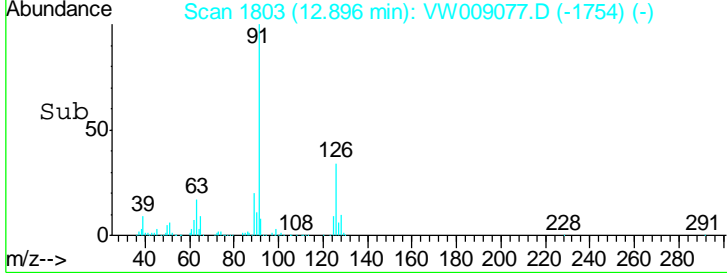
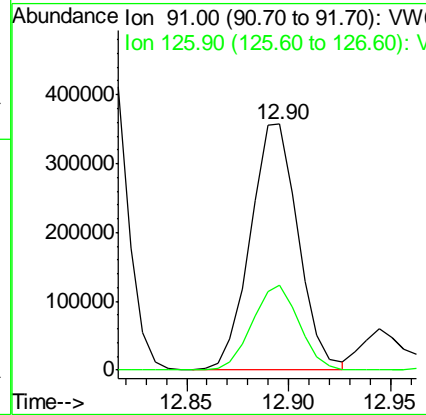
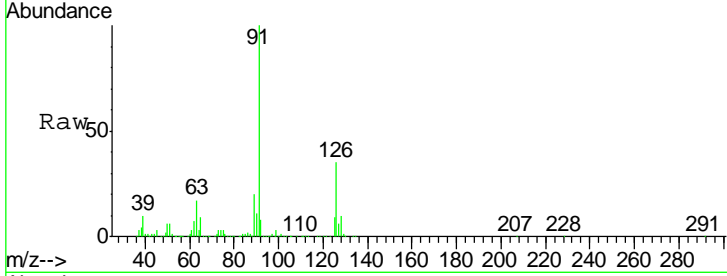


#79  
 2-Chlorotoluene  
 Concen: 51.024 ug/l  
 RT: 12.90 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

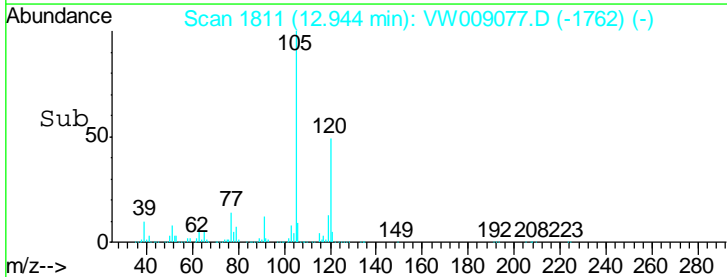
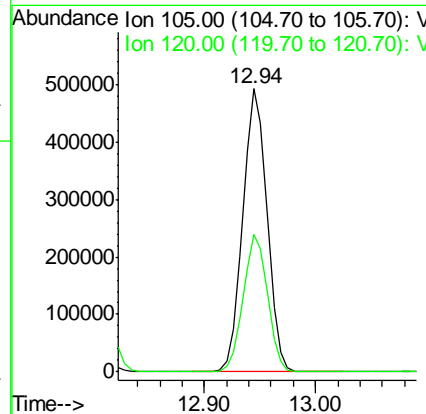
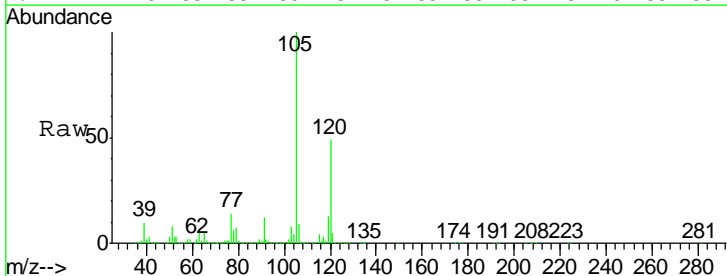
Tgt Ion	Resp	Lower	Upper
91	100		
126	33.7	16.8	50.4

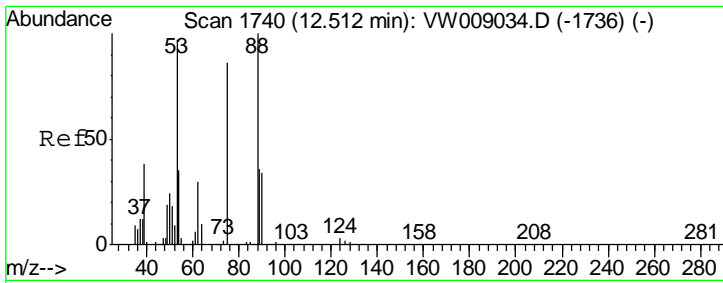
Manual Integrations  
**APPROVED**  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.022 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
105	100		
120	48.6	24.4	73.2





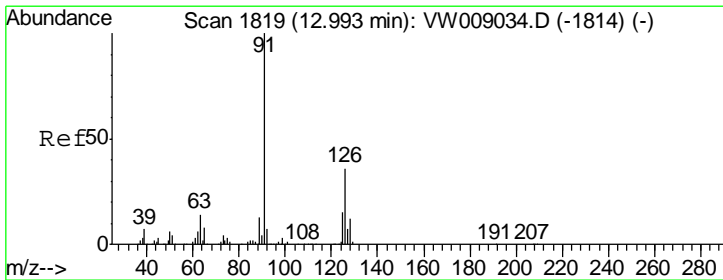
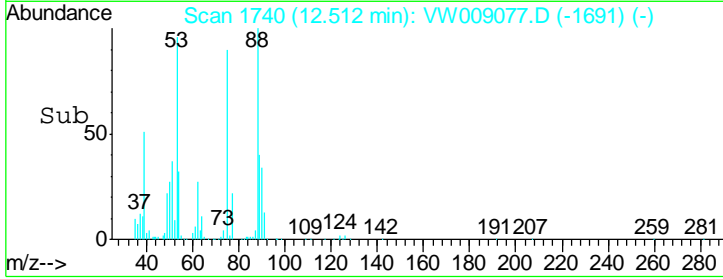
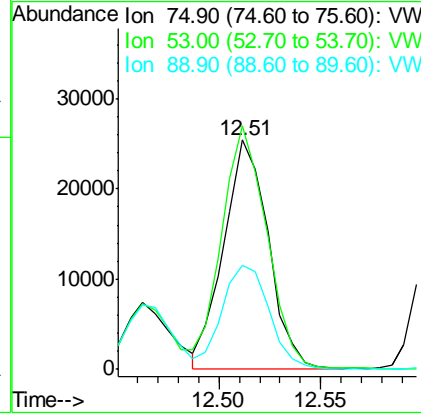
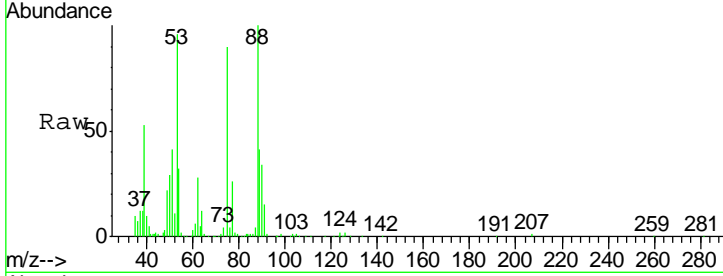
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 47.064 ug/l  
 RT: 12.51 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

Tgt Ion	Resp	Lower	Upper
75	38332		
75	100		
53	110.2	90.5	135.7
89	48.4	37.5	56.3

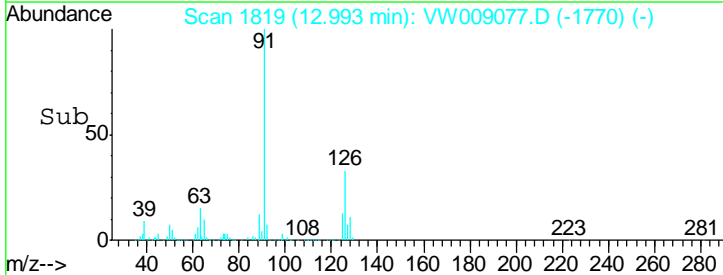
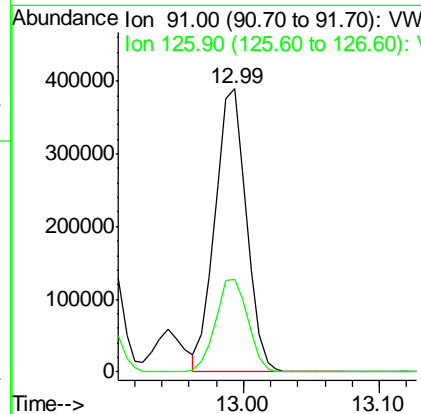
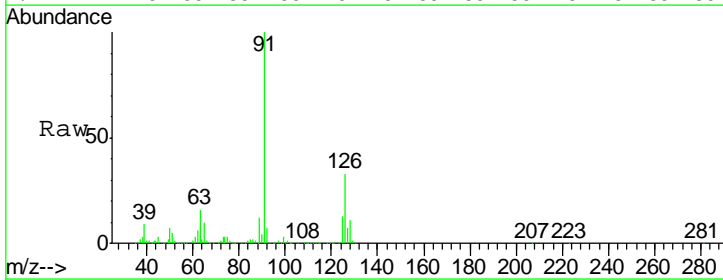
**Manual Integrations**  
**APPROVED**

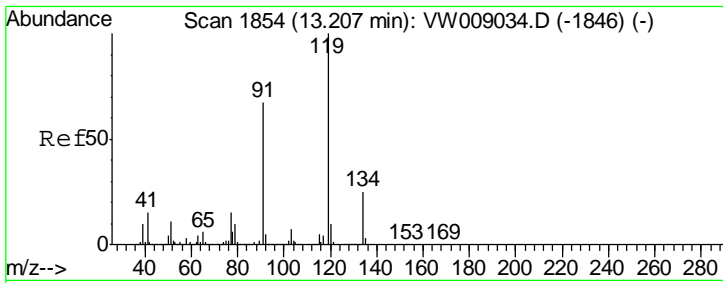
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#82  
 4-Chlorotoluene  
 Concen: 50.742 ug/l  
 RT: 12.99 min Scan# 1819  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
91	618084		
91	100		
126	33.8	16.6	49.8





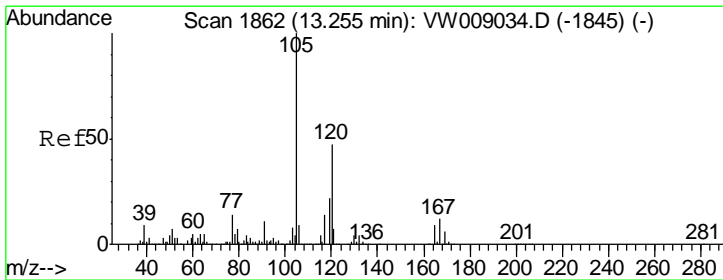
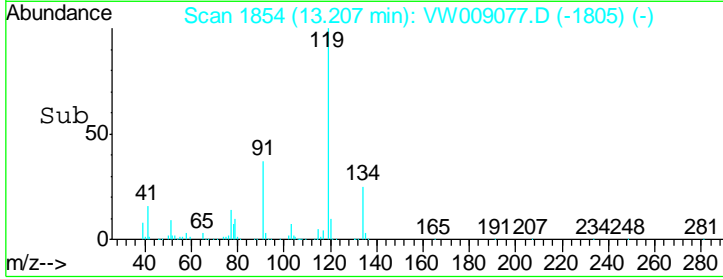
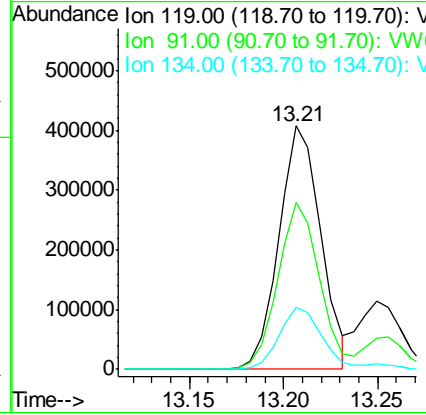
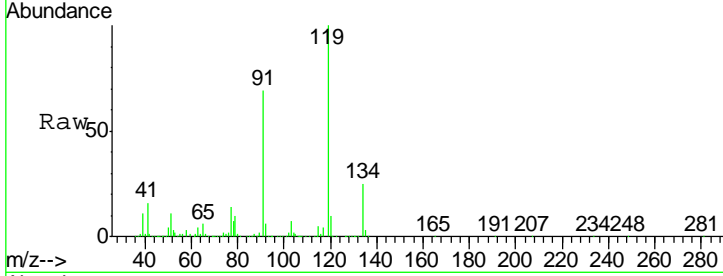
#83  
 tert-Butylbenzene  
 Concen: 52.140 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
119	625889		
91	68.7	34.2	102.5
134	27.7	13.9	41.6

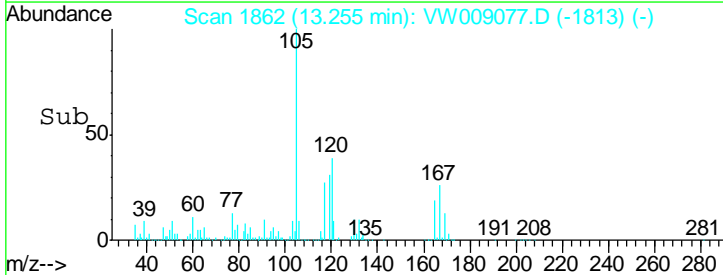
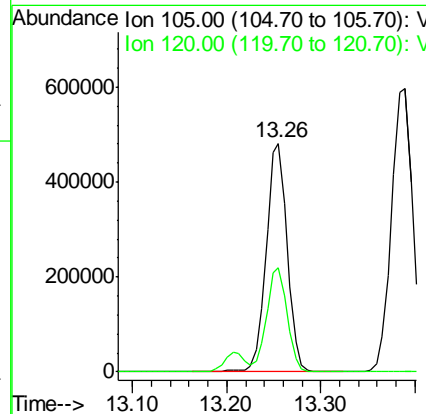
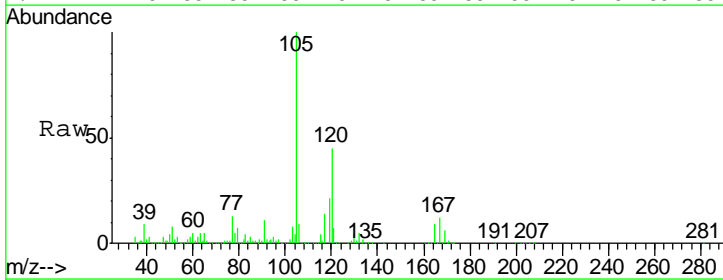
Manual Integrations  
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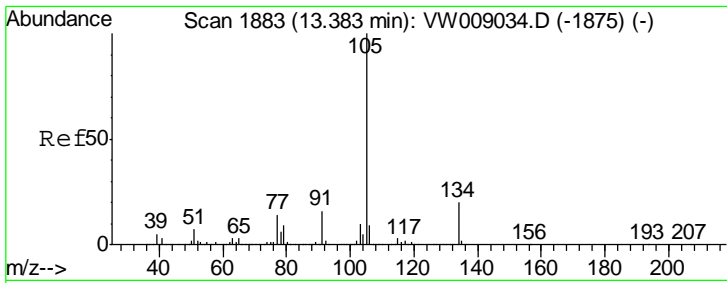
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.499 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
105	755870		
120	44.8	22.8	68.4



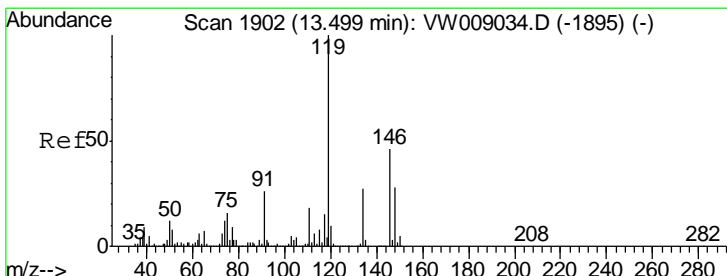
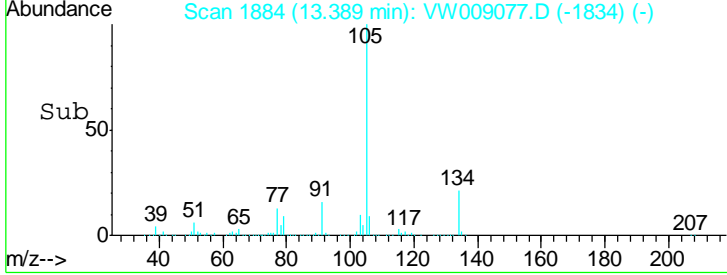
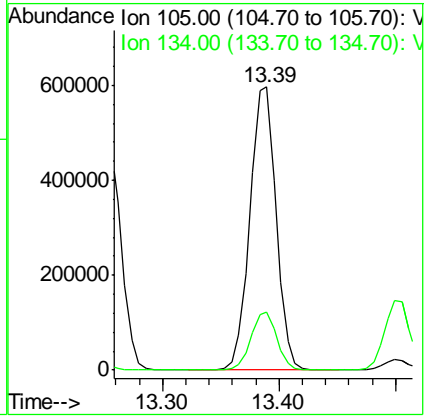
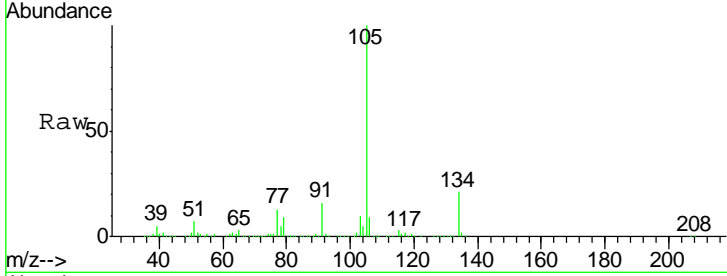


#85  
 sec-Butylbenzene  
 Concen: 52.645 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. 0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

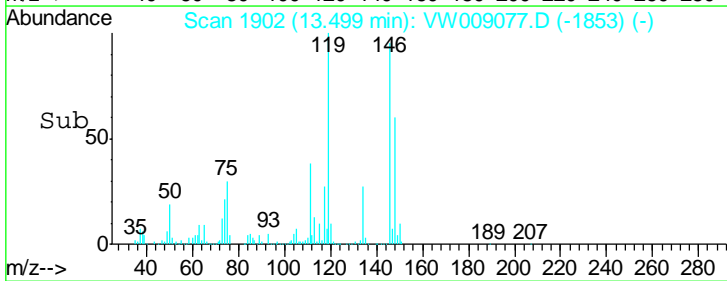
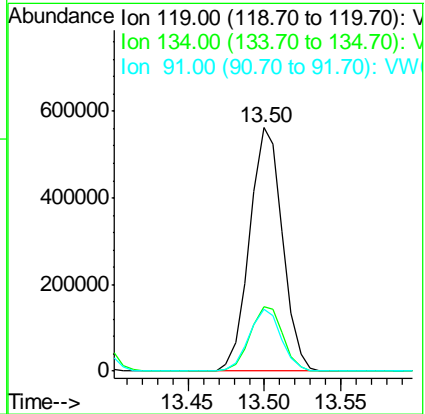
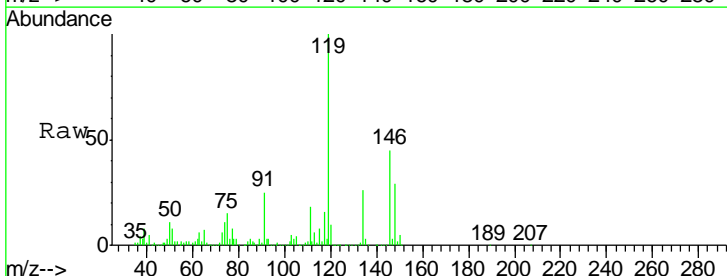
Tgt Ion	Resp	Lower	Upper
105	100		
134	20.3	10.0	30.0

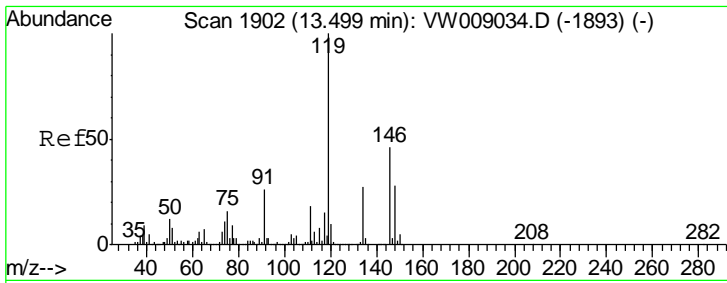
Manual Integrations  
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#86  
 p-Isopropyltoluene  
 Concen: 52.641 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
119	100		
134	26.6	13.3	39.9
91	24.9	12.3	36.9





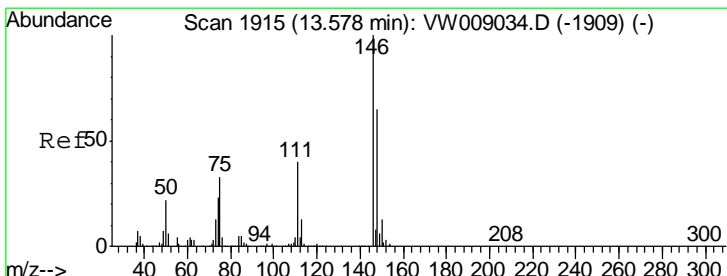
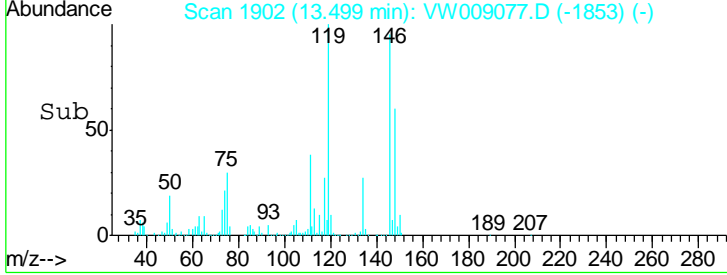
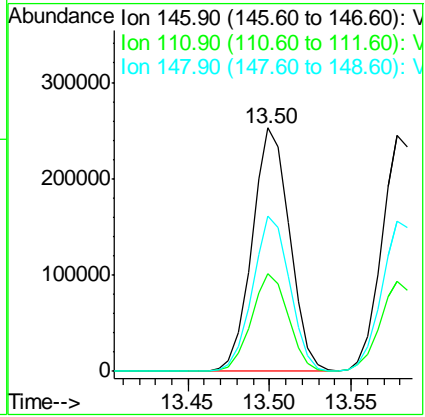
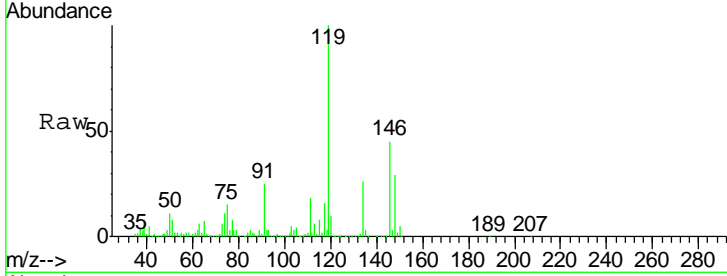
#87  
 1,3-Dichlorobenzene  
 Concen: 50.913 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 Client Sampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
146	403679		
146	100		
111	39.6	19.8	59.4
148	63.3	31.6	94.8

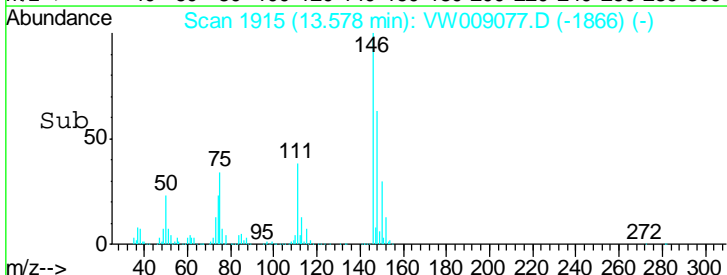
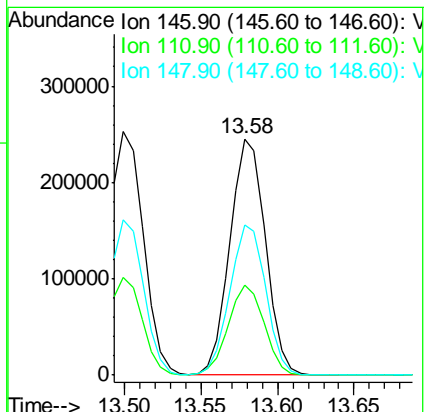
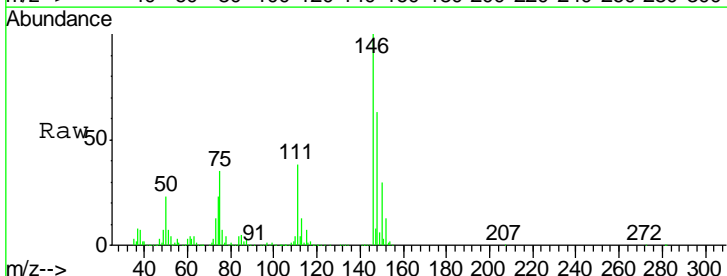
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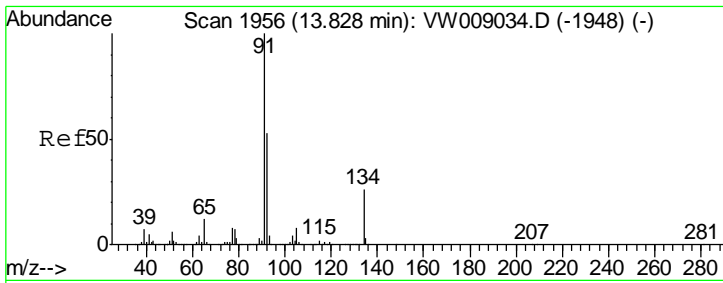


#88  
 1,4-Dichlorobenzene  
 Concen: 50.380 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
146	394763		
146	100		
111	38.7	19.7	59.0
148	64.3	32.2	96.6







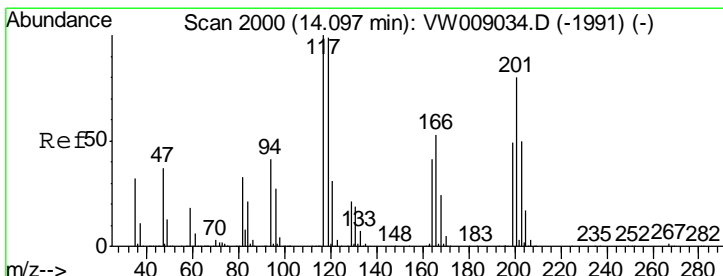
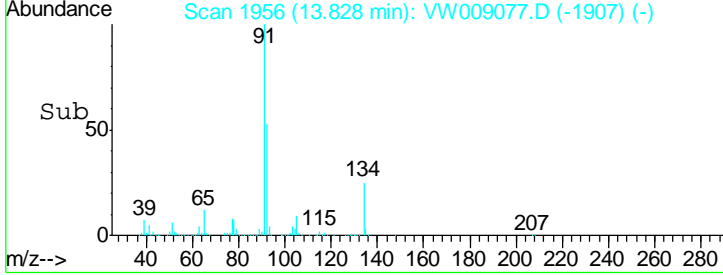
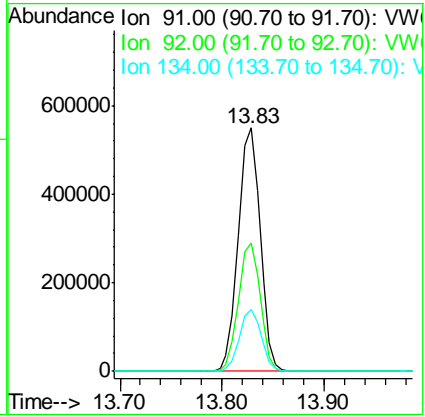
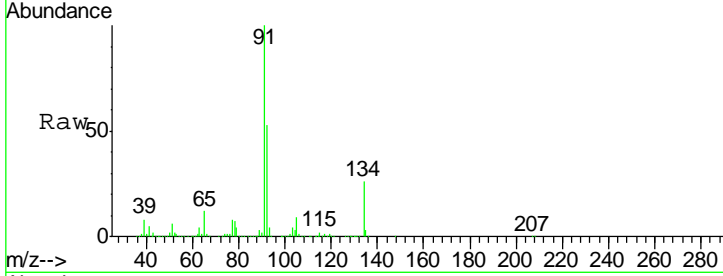
#89  
 n-Butylbenzene  
 Concen: 53.881 ug/l  
 RT: 13.83 min Scan# 1956  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	25.4	12.9	38.7

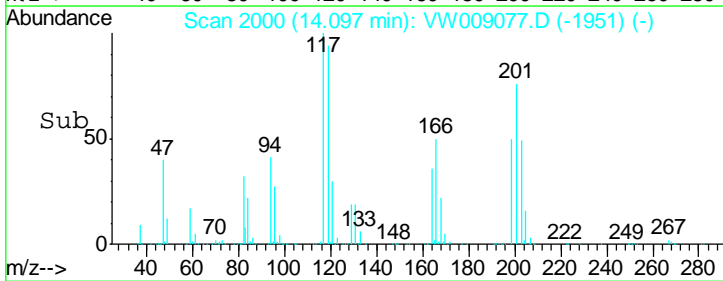
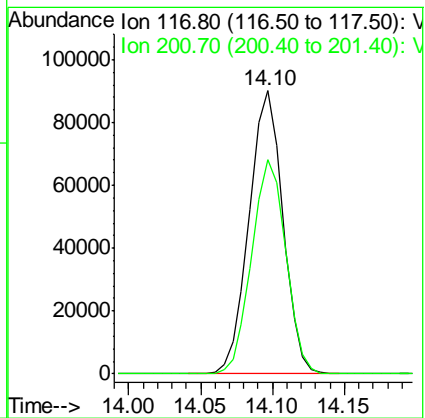
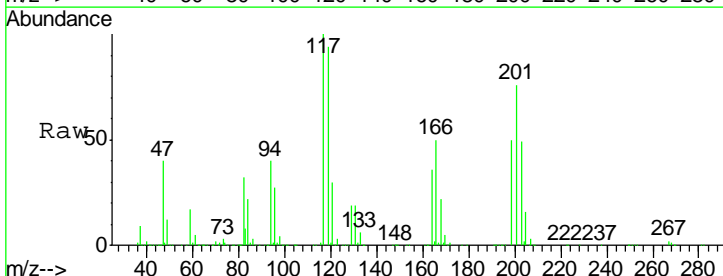
Manual Integrations  
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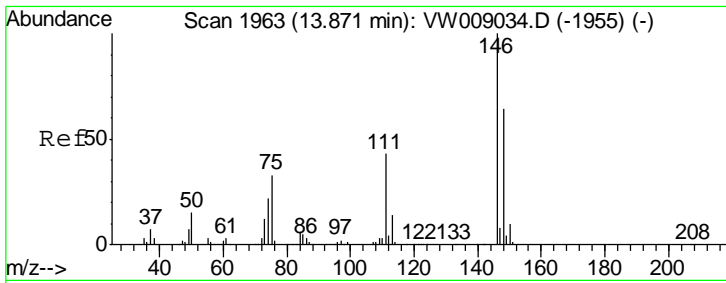
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#90  
 Hexachloroethane  
 Concen: 53.160 ug/l  
 RT: 14.10 min Scan# 2000  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
117	100		
201	76.5	39.1	117.5





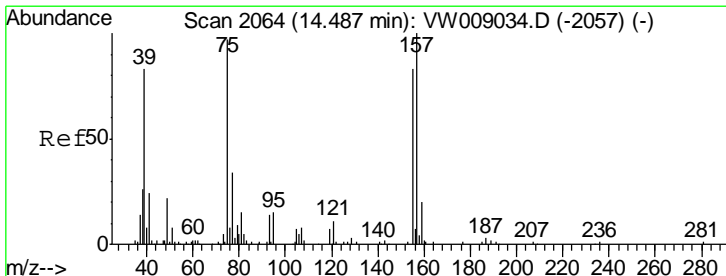
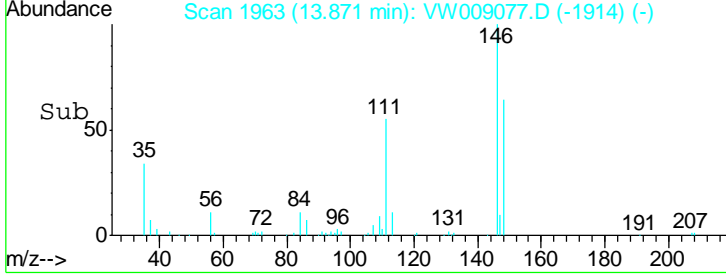
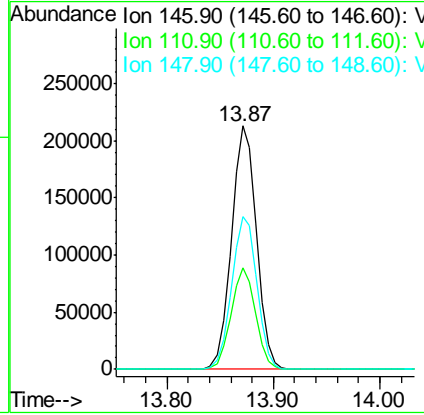
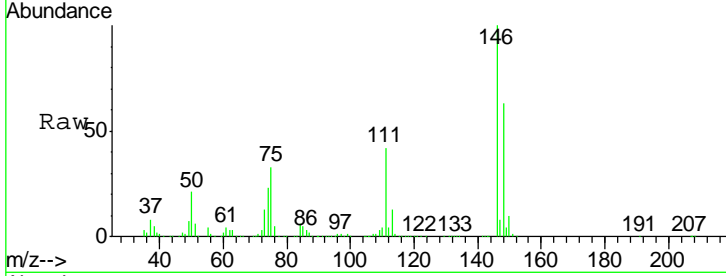
#91  
 1,2-Dichlorobenzene  
 Concen: 49.943 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
146	349374		
111	41.0	21.1	63.1
148	63.5	32.3	96.9

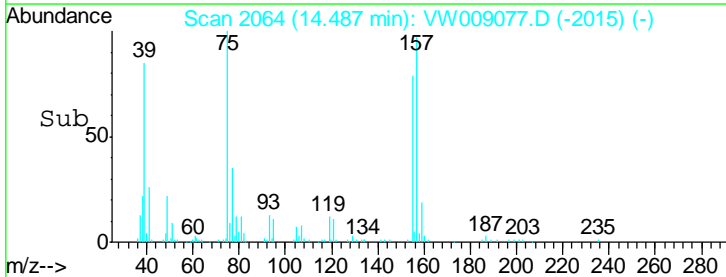
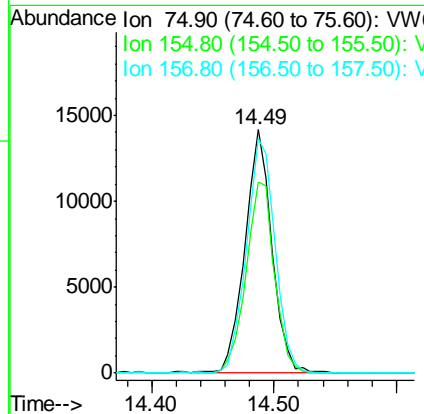
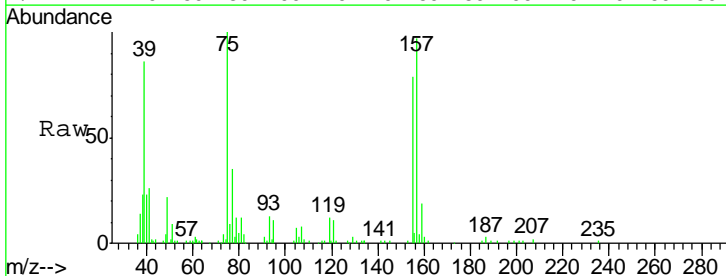
Manual Integrations  
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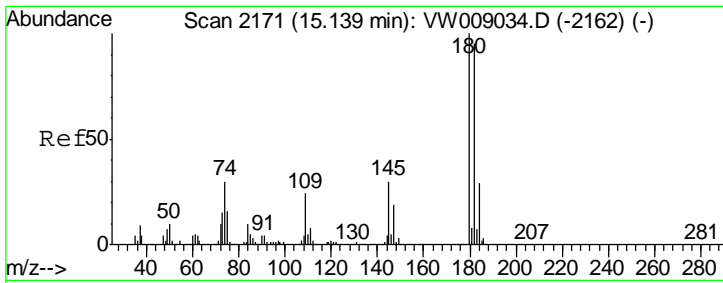
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 3/12/2019 1:15:36 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 46.997 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
75	21802		
155	82.5	40.8	122.4
157	101.8	52.4	157.3



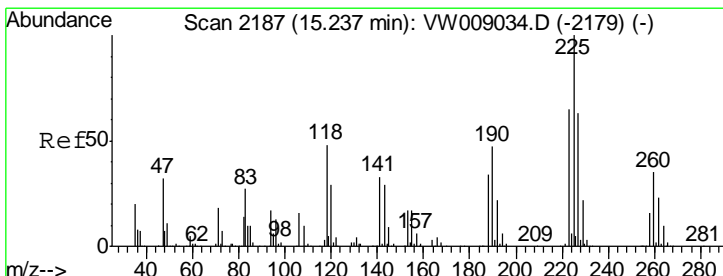
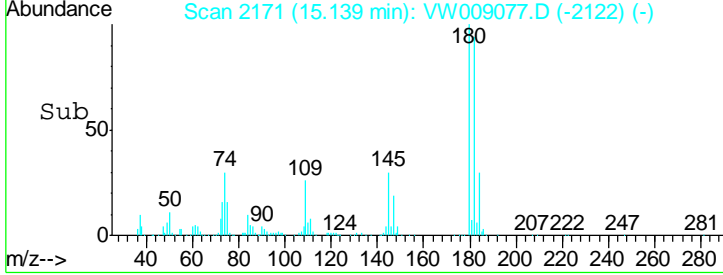
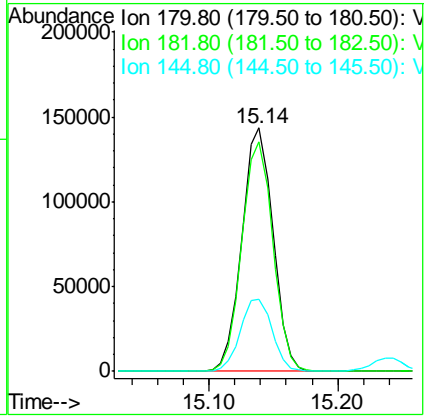
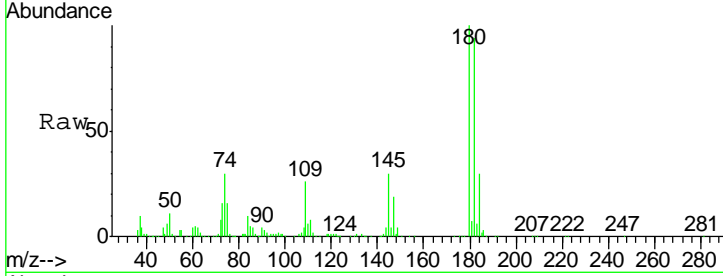


#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.742 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

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

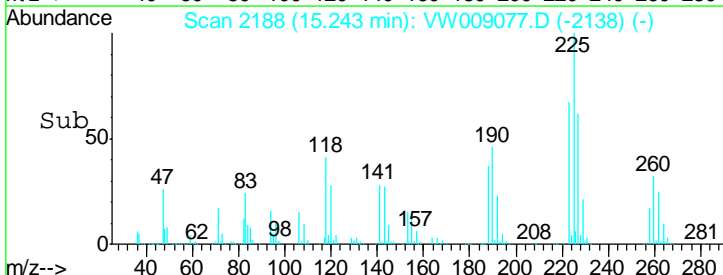
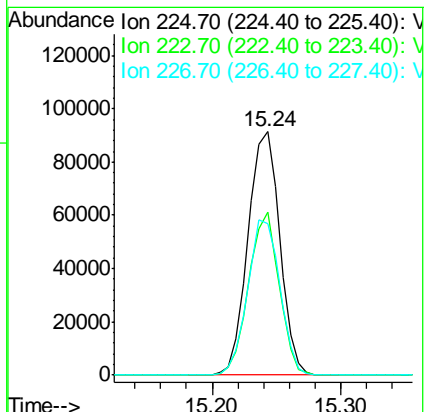
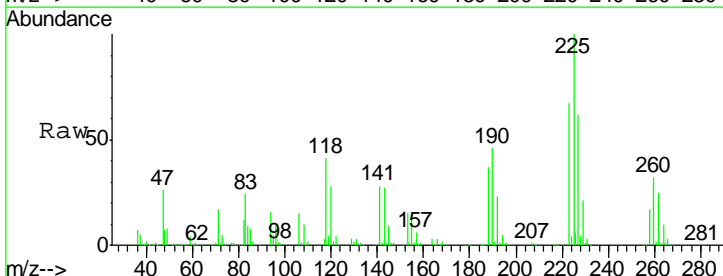
Tgt Ion	Resp	Lower	Upper
180	100		
182	94.0	48.1	144.3
145	30.4	15.4	46.1

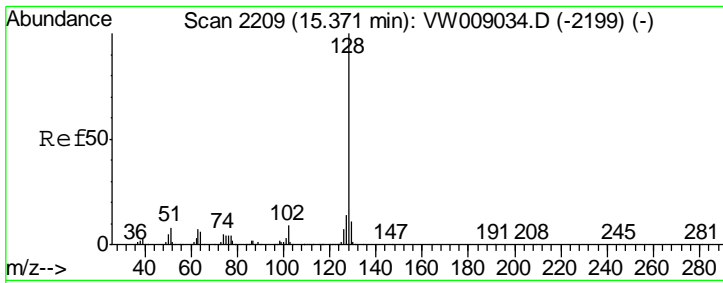
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/12/2019 1:15:36 PM



#94  
 Hexachlorobutadiene  
 Concen: 52.417 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.01 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
225	100		
223	64.1	31.6	94.8
227	64.9	32.0	96.2





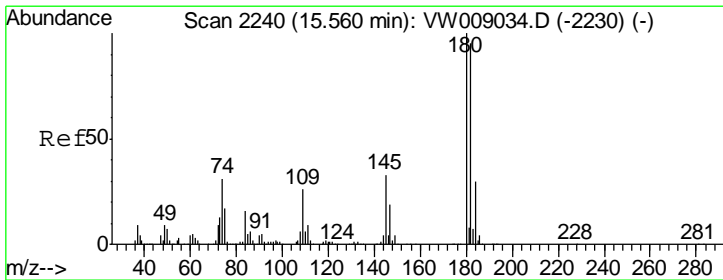
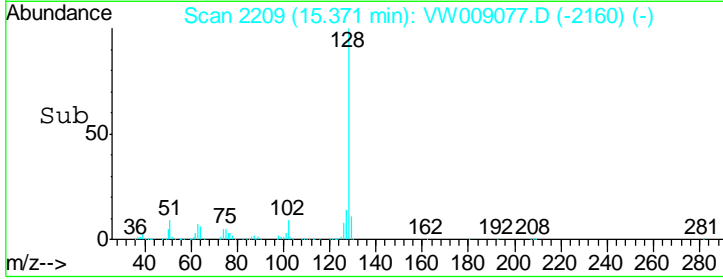
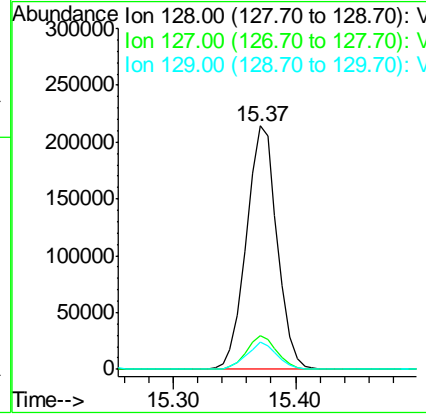
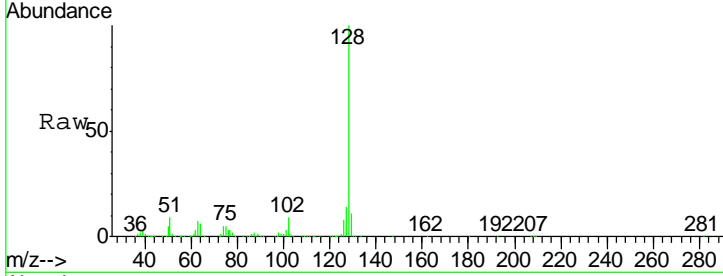
#95  
 Naphthalene  
 Concen: 48.270 ug/l  
 RT: 15.37 min Scan# 2209  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Instrument : MSVOA\_W  
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
128	100		
127	13.6	11.0	16.6
129	10.9	8.8	13.2

Manual Integrations  
 APPROVED

MMDadoda  
 3/12/2019 1:15:36 PM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 48.347 ug/l  
 RT: 15.56 min Scan# 2240  
 Delta R.T. -0.00 min  
 Lab File: VW009077.D  
 Acq: 11 Mar 2019 10:38

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.4	48.1	144.3
145	31.7	15.8	47.3

