

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN110619\  
 Data File : VN059098.D  
 Acq On : 6 Nov 2019 11:29  
 Operator : JC/SP  
 Sample : VSTDICV050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

**Manual Integrations**  
**APPROVED**

MMDadoda  
 11/7/2019 9:16:24 AM

Quant Time: Nov 07 04:10:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 04:00:41 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	534807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	834986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	760358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	361910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	322525	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.57	113	249800	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.08	98	994817	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.40	95	366708	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	254700	47.268	ug/l	100
3) Chloromethane	2.04	50	335290	45.775	ug/l	99
4) Vinyl Chloride	2.17	62	332773	46.860	ug/l	99
5) Bromomethane	2.54	94	193351	47.314	ug/l	99
6) Chloroethane	2.68	64	192072	45.722	ug/l	99
7) Trichlorofluoromethane	3.00	101	398542	46.920	ug/l	98
8) Diethyl Ether	3.39	74	165459	47.940	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	243252	47.497	ug/l	99
10) Methyl Iodide	3.93	142	303895	47.939	ug/l	100
11) Tert butyl alcohol	4.75	59	303051	241.881	ug/l	100
12) 1,1-Dichloroethene	3.71	96	237340	47.573	ug/l	99
13) Acrolein	3.58	56	166042	257.045	ug/l	98
14) Allyl chloride	4.30	41	478893	46.731	ug/l	99
15) Acrylonitrile	4.96	53	788619	252.923	ug/l	100
16) Acetone	3.79	43	880885	257.667	ug/l	99
17) Carbon Disulfide	4.03	76	705688	45.567	ug/l	99
18) Methyl Acetate	4.30	43	400675	49.377	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	840210	48.917	ug/l	100
20) Methylene Chloride	4.52	84	275496	46.256	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	255233	47.662	ug/l	99
22) Diisopropyl ether	5.92	45	936718	48.392	ug/l	98
23) Vinyl Acetate	5.87	43	3945775	263.020	ug/l	100
24) 1,1-Dichloroethane	5.82	63	515396	47.672	ug/l	99
25) 2-Butanone	6.81	43	1151726	255.619	ug/l	99
26) 2,2-Dichloropropane	6.80	77	435596	46.078	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	296029	47.648	ug/l	100
28) Bromochloromethane	7.17	49	154840	47.604	ug/l	100
29) Tetrahydrofuran	7.19	42	718513	250.976	ug/l	100
30) Chloroform	7.35	83	486096	46.871	ug/l	100
31) Cyclohexane	7.63	56	475799	46.488	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	417082	47.834	ug/l	99
36) 1,1-Dichloropropene	7.77	75	379643	48.643	ug/l	99
37) Ethyl Acetate	6.90	43	436193	50.238	ug/l	99
38) Carbon Tetrachloride	7.75	117	369429	47.557	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	456771	50.427	ug/l	99
40) Benzene	8.02	78	1136694	48.364	ug/l	99
41) Methacrylonitrile	7.16	41	200348m	53.065	ug/l	
42) 1,2-Dichloroethane	8.10	62	382618	47.467	ug/l	100
43) Isopropyl Acetate	8.14	43	679106	49.061	ug/l	100
44) Trichloroethene	8.82	130	280969	48.633	ug/l	98
45) 1,2-Dichloropropane	9.10	63	308097	48.263	ug/l	99
46) Dibromomethane	9.19	93	186304	46.833	ug/l	99
47) Bromodichloromethane	9.39	83	389167	48.992	ug/l	99
48) Methyl methacrylate	9.18	41	308751	49.867	ug/l	98
49) 1,4-Dioxane	9.18	88	115508	1049.765	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	2138020	272.979	ug/l	100
52) Toluene	10.15	92	692615	49.168	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	450746	49.115	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	490438	49.681	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	272865	47.862	ug/l	99
56) Ethyl methacrylate	10.42	69	447249	47.147	ug/l	99
57) 1,3-Dichloropropane	10.70	76	481645	49.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	907527	286.035	ug/l	100
59) 2-Hexanone	10.74	43	1652515	274.889	ug/l	99
60) Dibromochloromethane	10.90	129	295424	49.011	ug/l	100
61) 1,2-Dibromoethane	11.00	107	280547	48.611	ug/l	99
64) Tetrachloroethene	10.63	164	246209	47.620	ug/l	98
65) Chlorobenzene	11.43	112	722472	48.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	270110	48.579	ug/l	99
67) Ethyl Benzene	11.51	91	1333957	50.724	ug/l	99
68) m/p-Xylenes	11.62	106	990328	100.531	ug/l	100
69) o-Xylene	11.95	106	468767	49.240	ug/l	100
70) Styrene	11.96	104	794260	53.048	ug/l	100
71) Bromoform	12.13	173	215954	49.932	ug/l	100
73) Isopropylbenzene	12.25	105	1284801	48.805	ug/l	100
74) N-amyl acetate	12.07	43	578856	51.892	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	424179	47.315	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	383350m	46.526	ug/l	
77) Bromobenzene	12.53	156	306393	46.324	ug/l	98
78) n-propylbenzene	12.59	91	1525541	50.611	ug/l	100
79) 2-Chlorotoluene	12.67	91	893939	47.807	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1092391	48.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	158122	50.688	ug/l	98
82) 4-Chlorotoluene	12.77	91	919756	49.041	ug/l	99
83) tert-Butylbenzene	12.99	119	938336	48.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1086579	50.347	ug/l	99
85) sec-Butylbenzene	13.17	105	1255004	50.093	ug/l	99
86) p-Isopropyltoluene	13.29	119	1143328	51.684	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	549310	48.500	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	546613	48.236	ug/l	100
89) n-Butylbenzene	13.62	91	1007067	52.014	ug/l	99
90) Hexachloroethane	13.88	117	206476	46.482	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	539567	48.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	88561	49.514	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	318520	47.296	ug/l	100
94) Hexachlorobutadiene	15.01	225	180533	46.994	ug/l	99
95) Naphthalene	15.13	128	892474	47.735	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	314122	50.309	ug/l	98

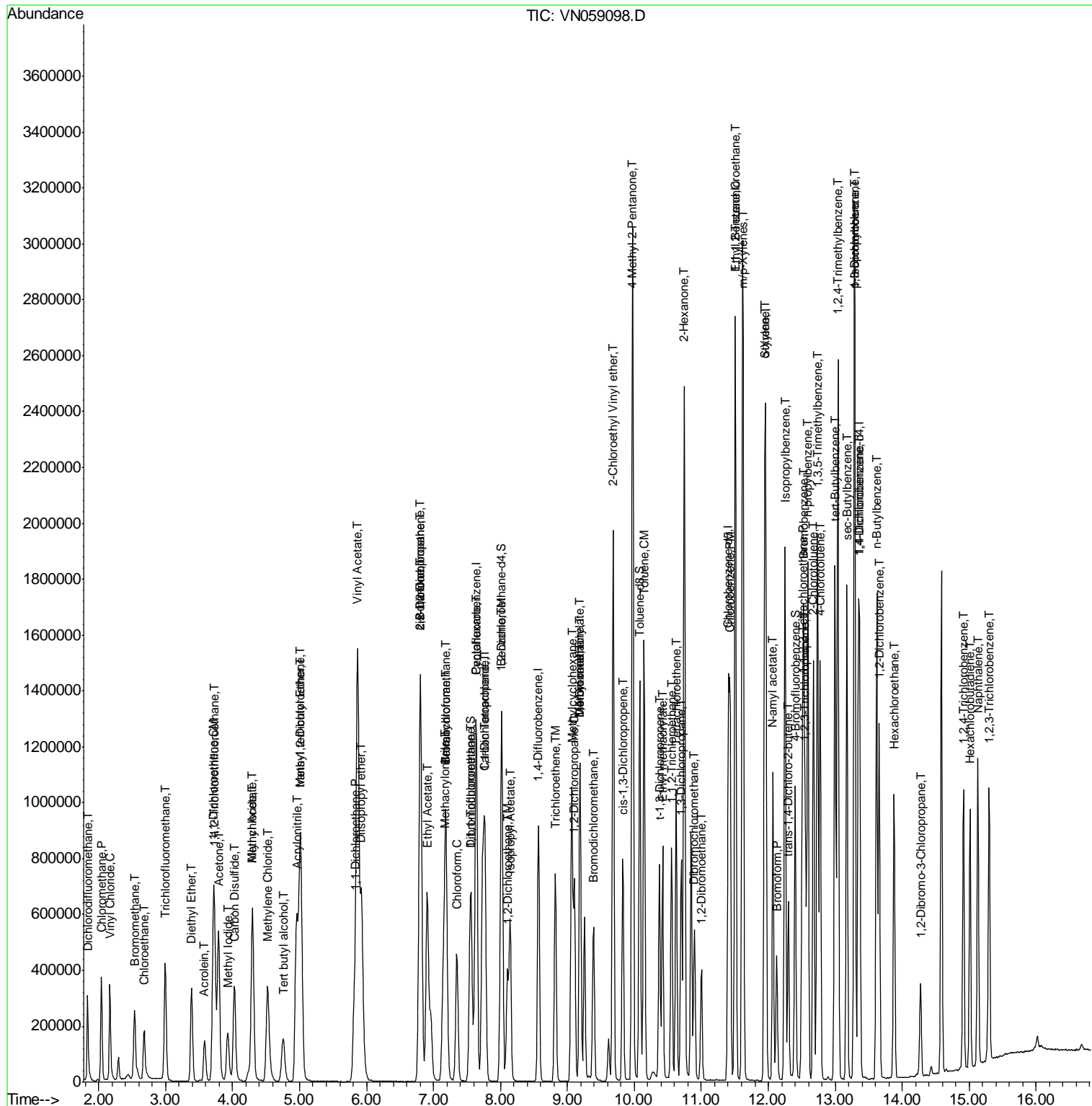
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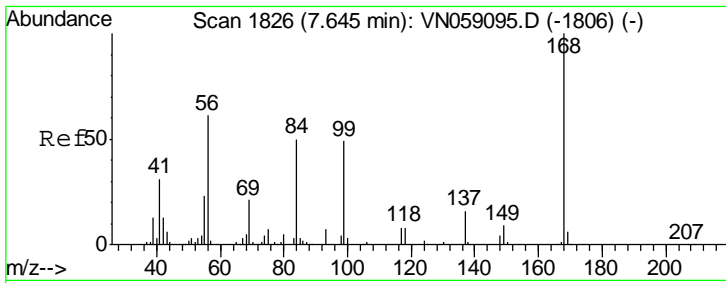
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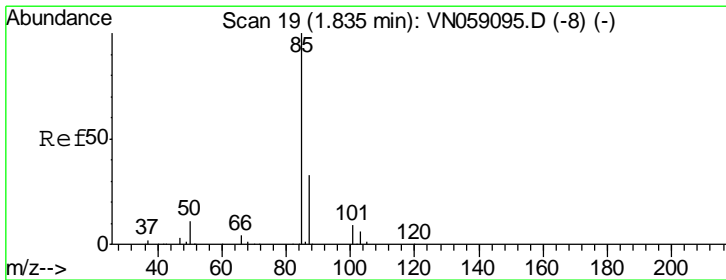
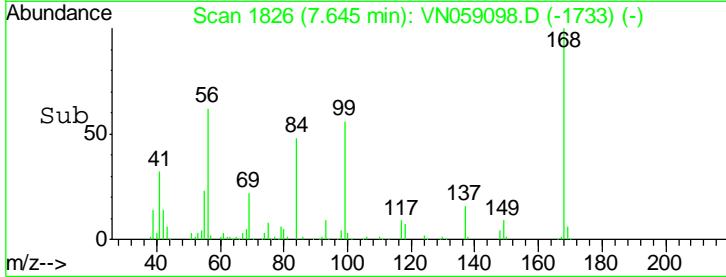
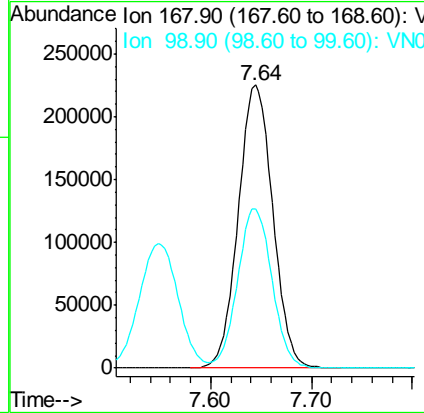
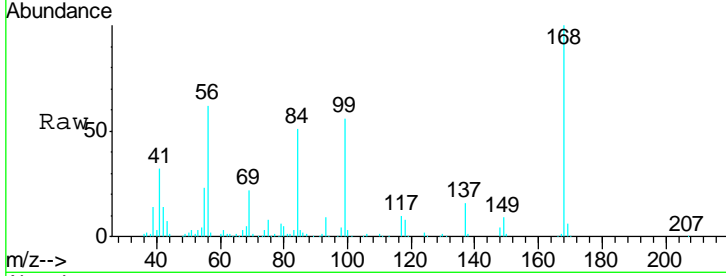
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.64 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
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Tgt Ion	Resp	Lower	Upper
168	100		
99	56.3	45.7	68.5

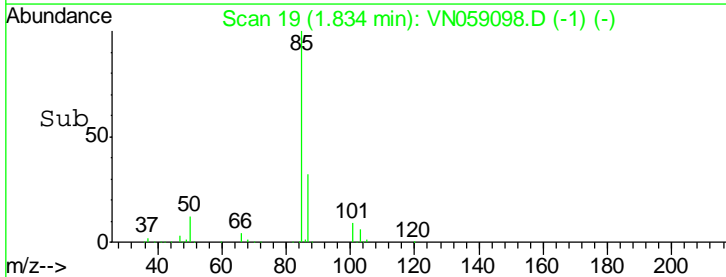
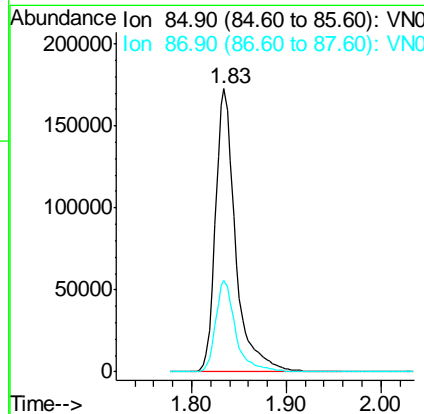
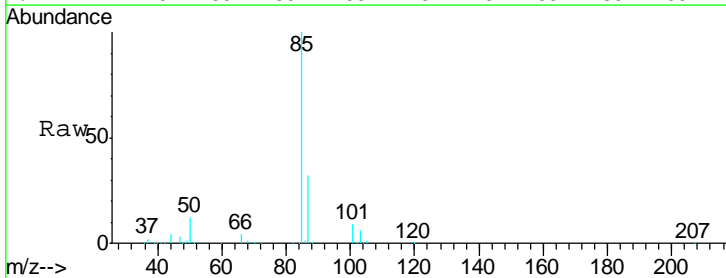
Manual Integrations  
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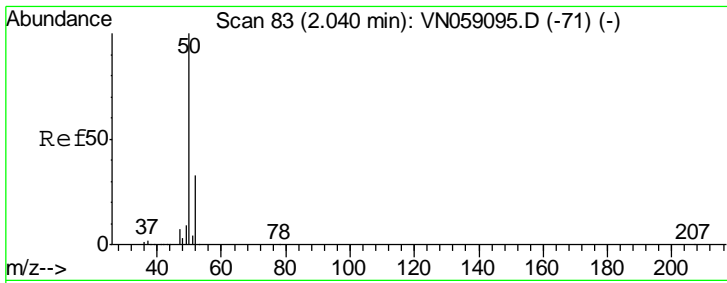
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#2  
 Dichlorodifluoromethane  
 Concen: 47.268 ug/l  
 RT: 1.83 min Scan# 19  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

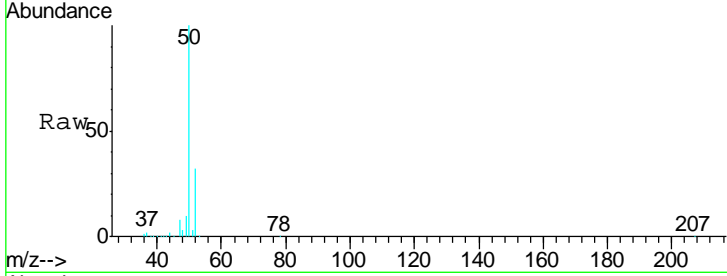
Tgt Ion	Resp	Lower	Upper
85	100		
87	32.5	16.3	48.9





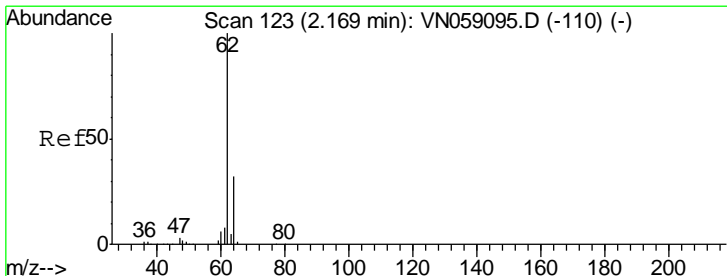
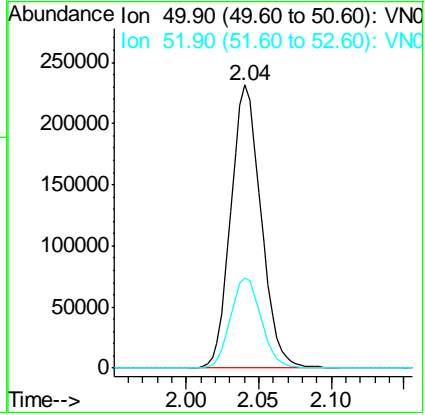
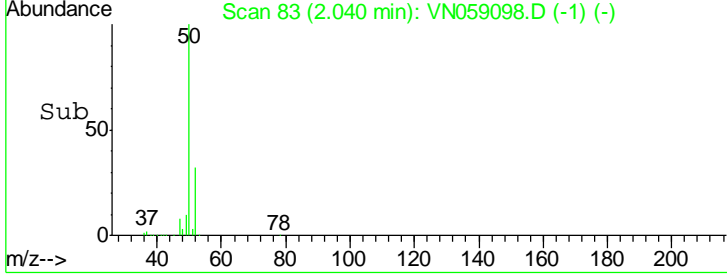
#3  
 Chloromethane  
 Concen: 45.775 ug/l  
 RT: 2.04 min Scan# 83  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
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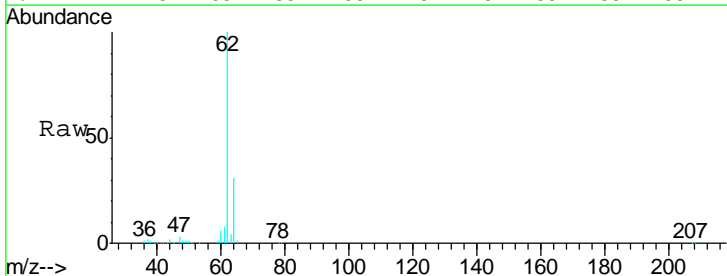


Tgt Ion: 50 Resp: 335290  
 Ion Ratio Lower Upper  
 50 100  
 52 31.8 26.0 39.0

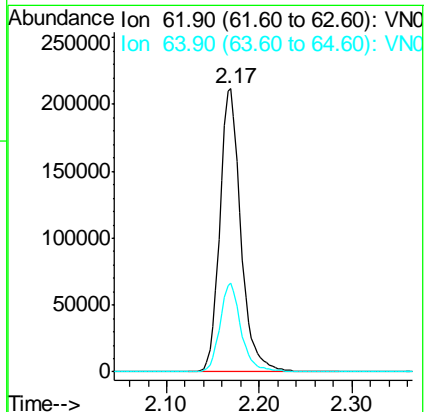
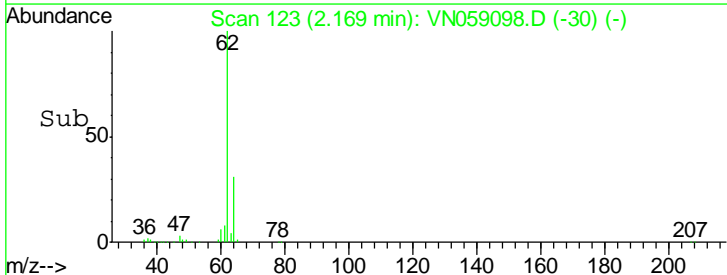
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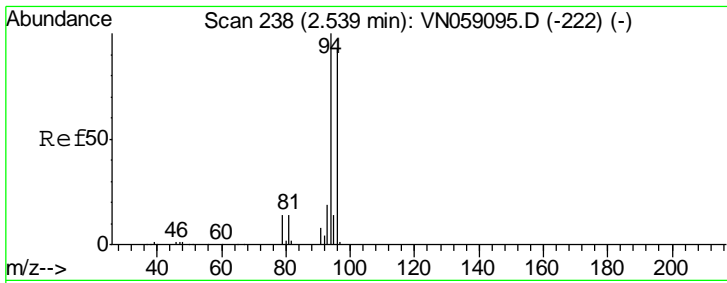


#4  
 Vinyl Chloride  
 Concen: 46.860 ug/l  
 RT: 2.17 min Scan# 123  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29



Tgt Ion: 62 Resp: 332773  
 Ion Ratio Lower Upper  
 62 100  
 64 31.5 25.4 38.2





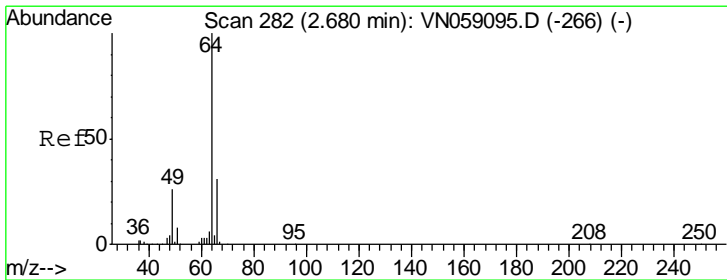
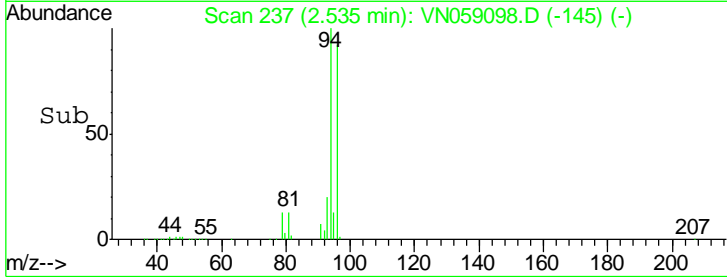
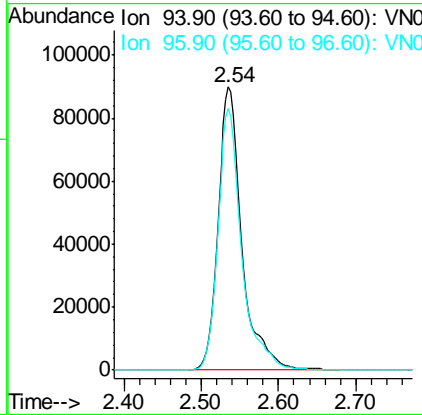
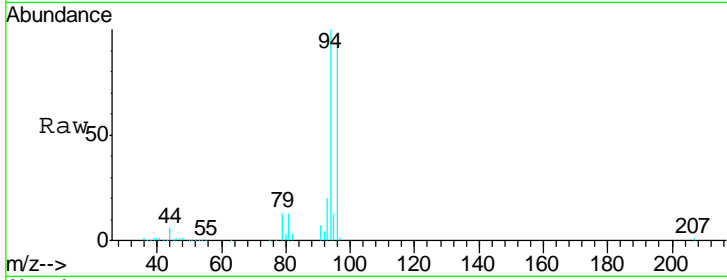
#5  
 Bromomethane  
 Concen: 47.314 ug/l  
 RT: 2.54 min Scan# 237  
 Delta R.T. -0.00 min  
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Tgt Ion	Resp	Lower	Upper
94	193351		
96	92.2	74.2	111.2

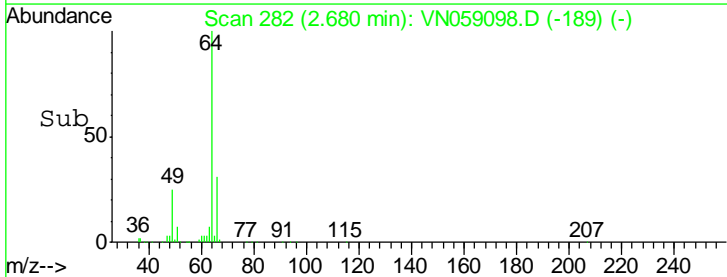
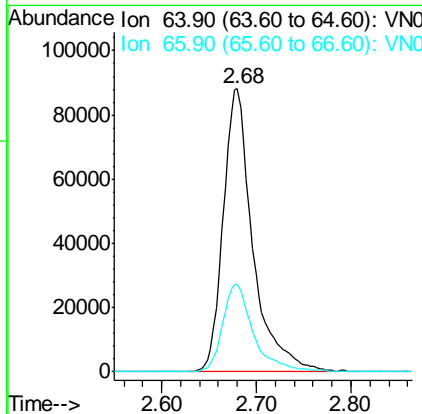
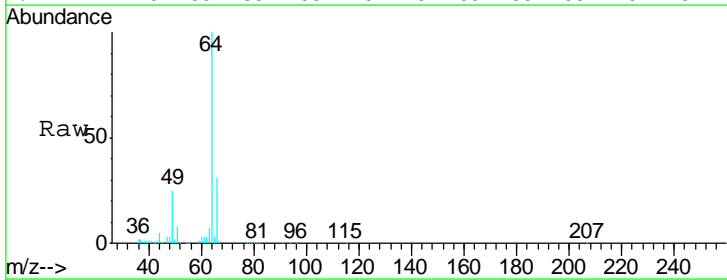
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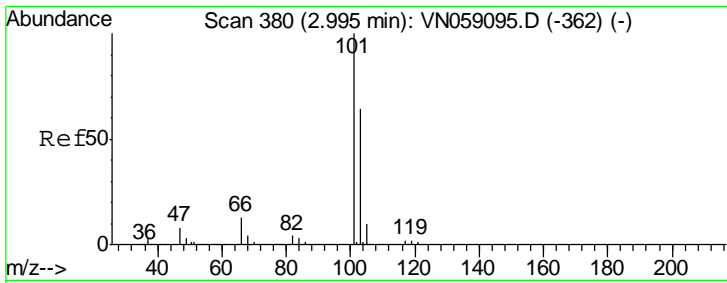
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 11/7/2019 9:16:24 AM



#6  
 Chloroethane  
 Concen: 45.722 ug/l  
 RT: 2.68 min Scan# 282  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
64	192072		
66	30.8	25.2	37.8





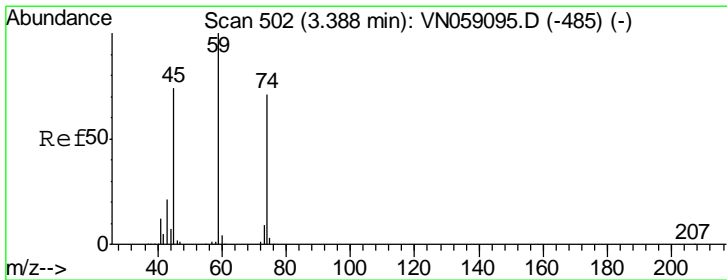
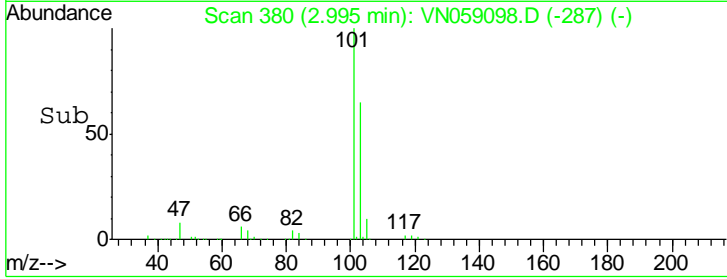
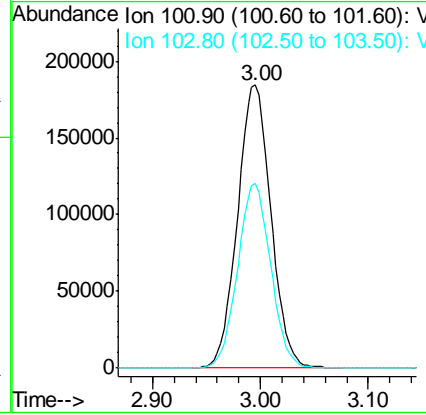
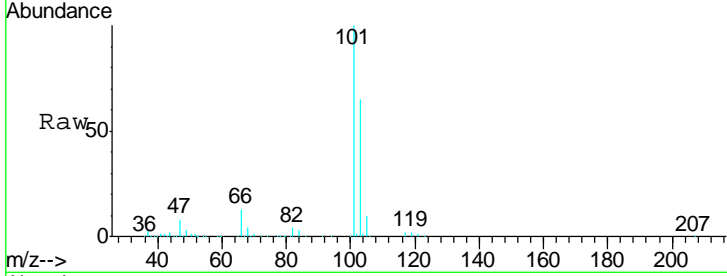
#7  
 Trichlorofluoromethane  
 Concen: 46.920 ug/l  
 RT: 3.00 min Scan# 380  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
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Tgt Ion	Resp	Lower	Upper
101	398542		
103	65.2	51.2	76.8

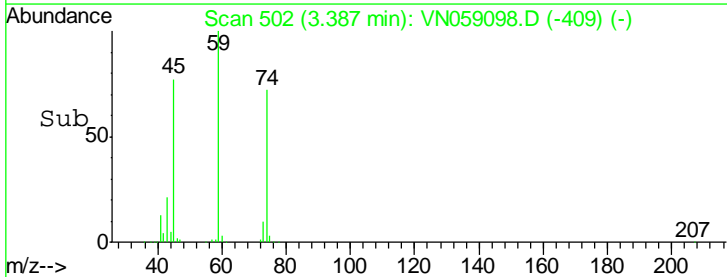
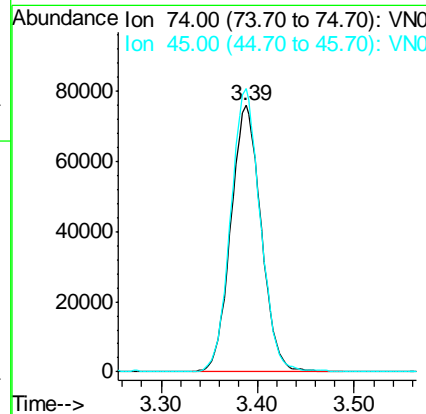
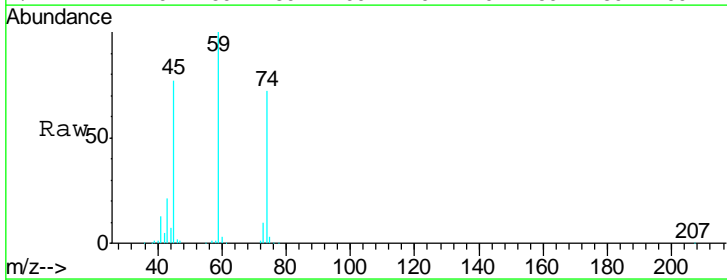
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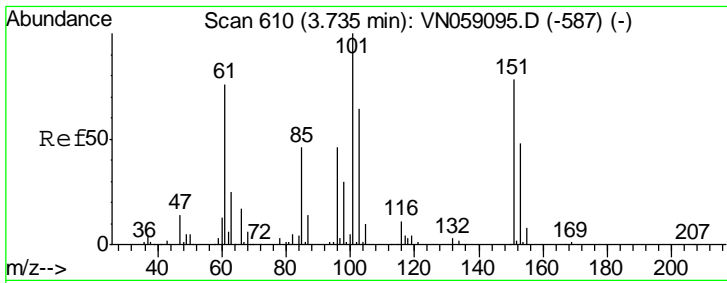


#8  
 Diethyl Ether  
 Concen: 47.940 ug/l  
 RT: 3.39 min Scan# 502  
 Delta R.T. -0.00 min  
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Tgt Ion	Resp	Lower	Upper
74	165459		
45	104.7	51.6	154.9







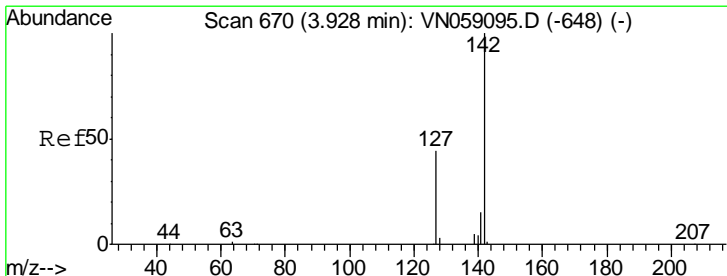
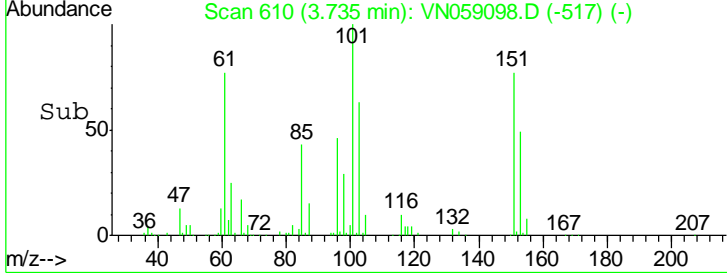
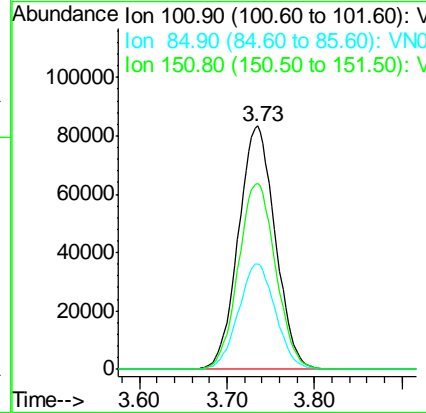
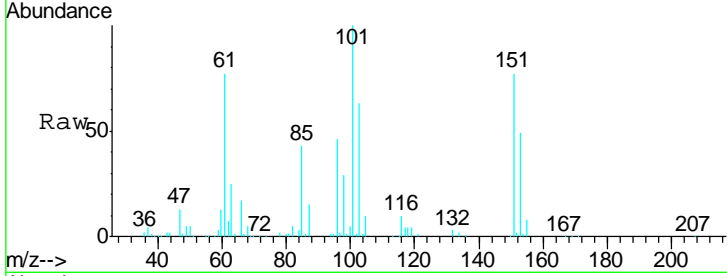
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 47.497 ug/l  
 RT: 3.73 min Scan# 610  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 ICVVN110619

Tgt Ion	Resp	Lower	Upper
101	243252		
101	100		
85	43.6	35.5	53.3
151	77.6	62.2	93.2

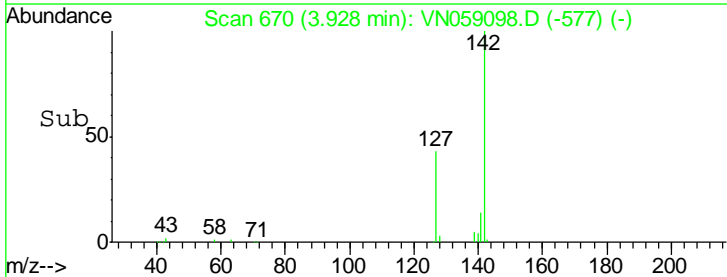
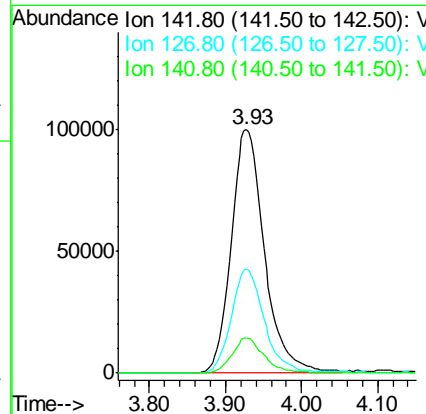
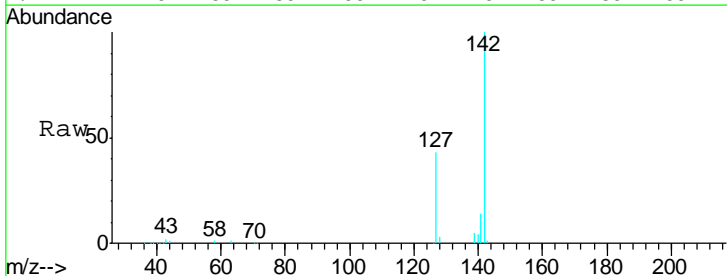
Manual Integrations  
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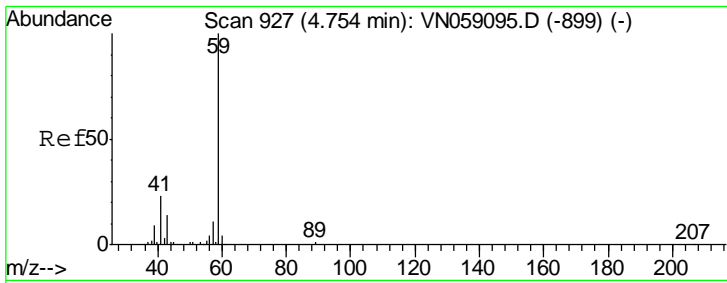
MMDadoda  
 11/7/2019 9:16:24 AM



#10  
 Methyl Iodide  
 Concen: 47.939 ug/l  
 RT: 3.93 min Scan# 670  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
142	303895		
142	100		
127	43.0	34.2	51.2
141	14.0	11.4	17.0





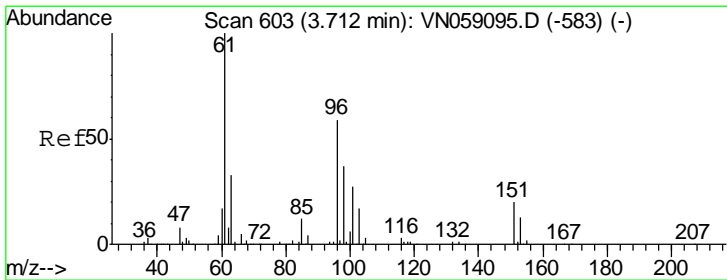
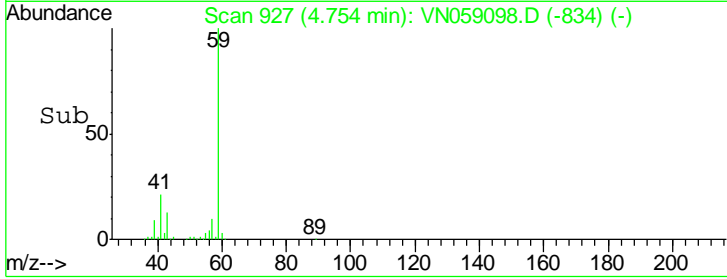
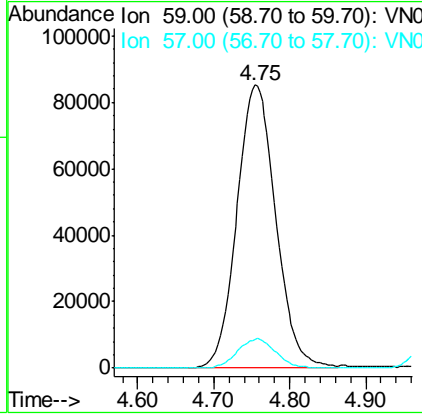
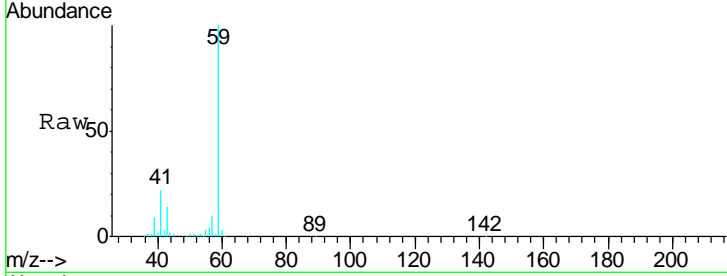
#11  
 Tert butyl alcohol  
 Concen: 241.881 ug/l  
 RT: 4.75 min Scan# 927  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

Tgt Ion	Resp	Lower	Upper
59	100		
57	10.3	8.3	12.5

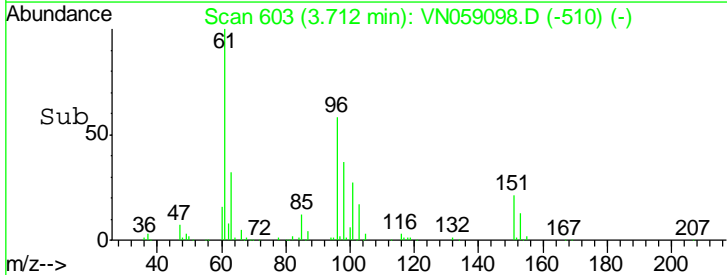
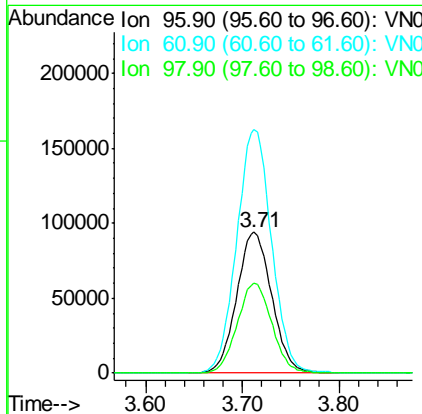
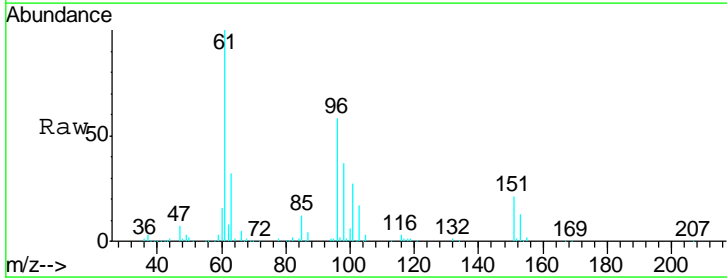
**Manual Integrations**  
**APPROVED**

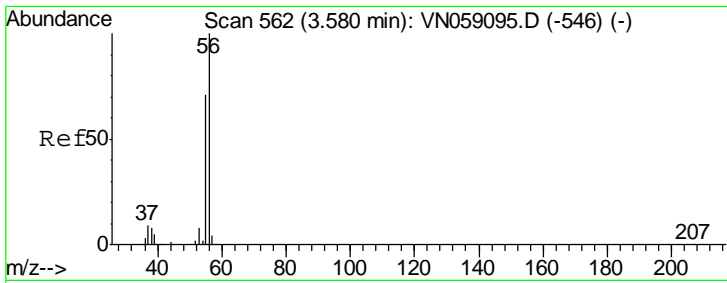
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#12  
 1,1-Dichloroethene  
 Concen: 47.573 ug/l  
 RT: 3.71 min Scan# 603  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

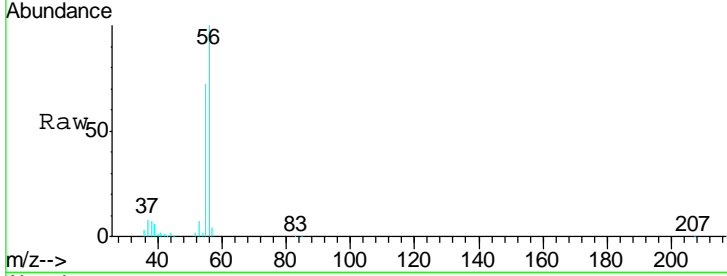
Tgt Ion	Resp	Lower	Upper
96	100		
61	172.6	136.5	204.7
98	63.7	50.2	75.4





#13  
 Acrolein  
 Concen: 257.045 ug/l  
 RT: 3.58 min Scan# 562  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

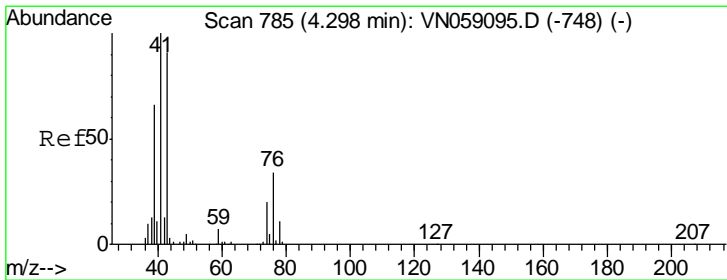
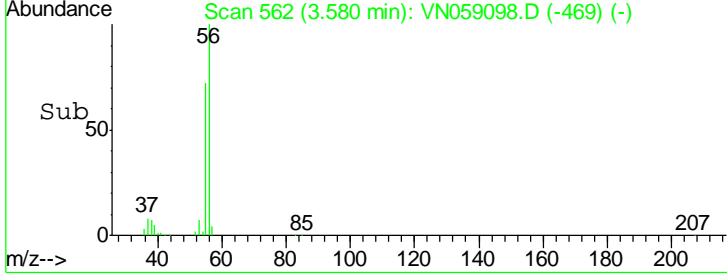
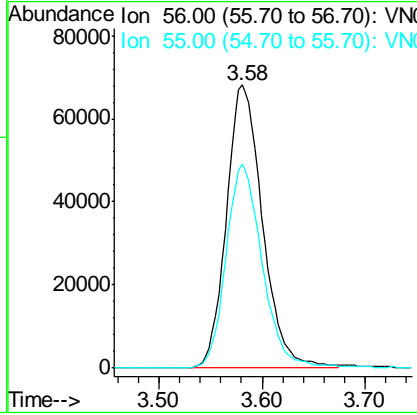
Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619



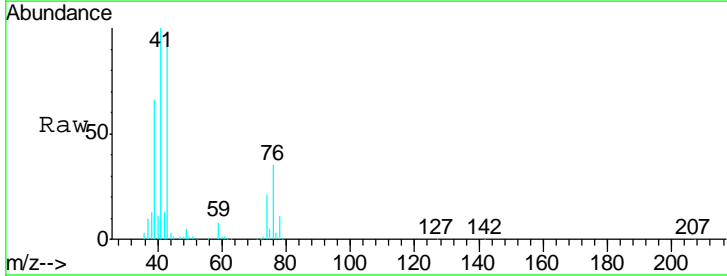
Tgt Ion: 56 Resp: 166042

Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.4	84.6

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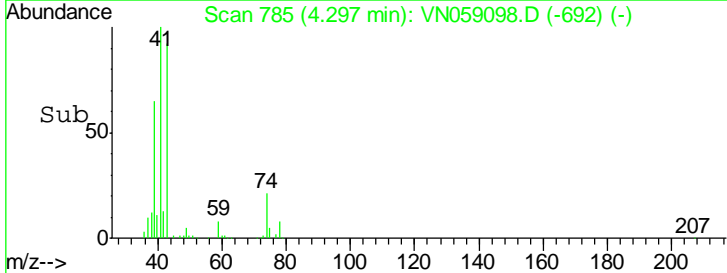
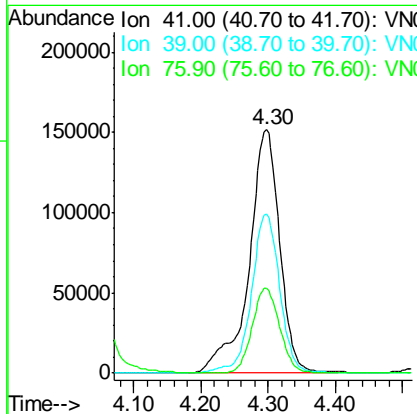


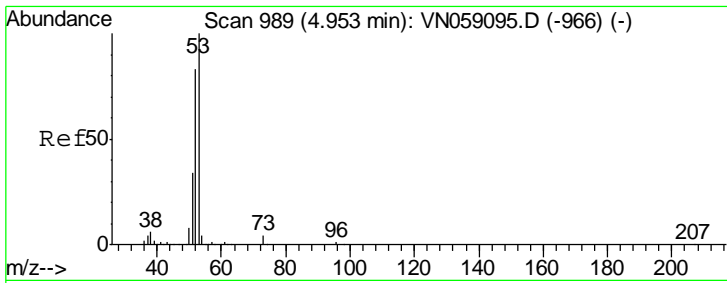
#14  
 Allyl chloride  
 Concen: 46.731 ug/l  
 RT: 4.30 min Scan# 785  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29



Tgt Ion: 41 Resp: 478893

Ion	Ratio	Lower	Upper
41	100		
39	60.5	49.1	73.7
76	30.8	24.9	37.3





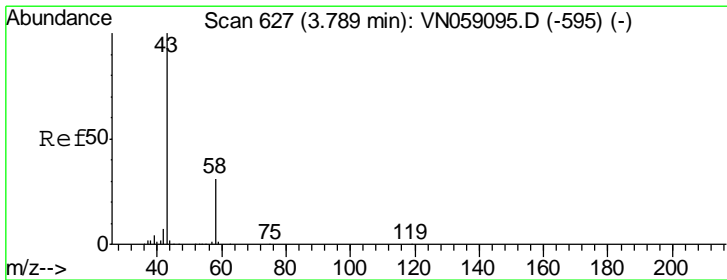
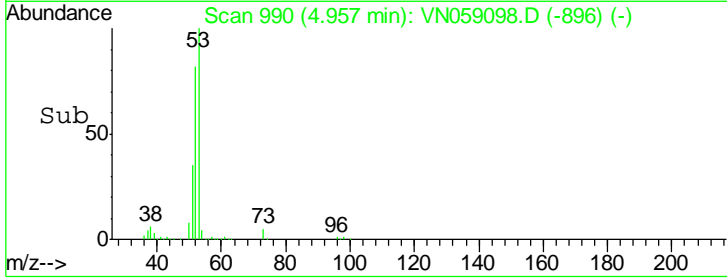
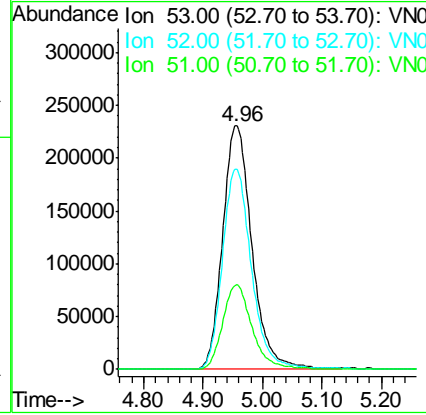
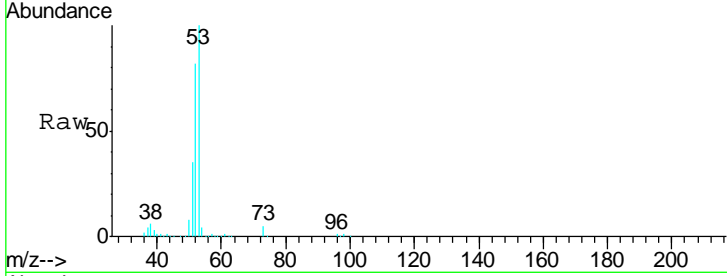
#15  
 Acrylonitrile  
 Concen: 252.923 ug/l  
 RT: 4.96 min Scan# 990  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
53	100		
52	81.4	65.0	97.6
51	34.9	28.0	42.0

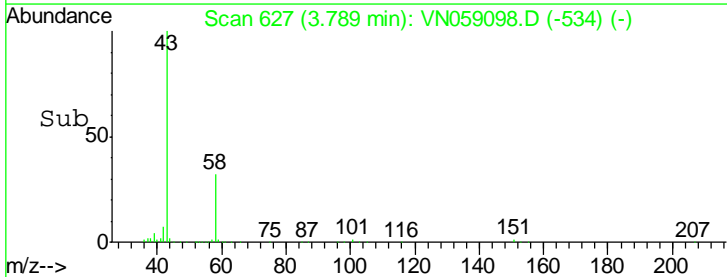
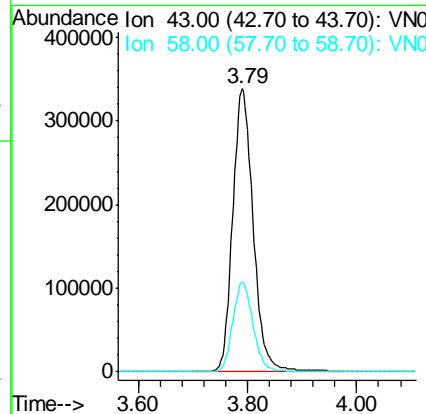
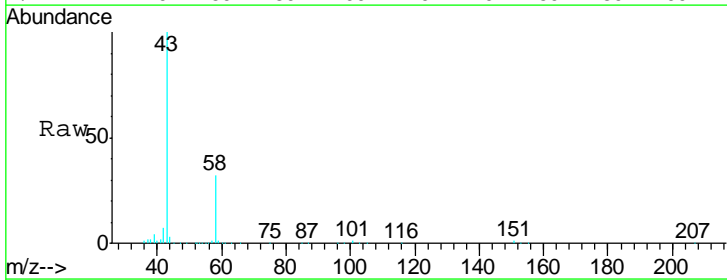
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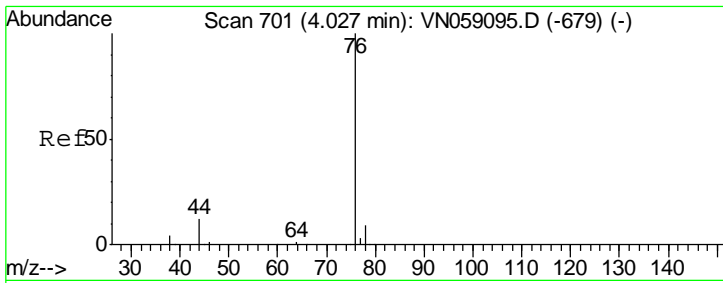
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#16  
 Acetone  
 Concen: 257.667 ug/l  
 RT: 3.79 min Scan# 627  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
43	100		
58	31.7	24.9	37.3





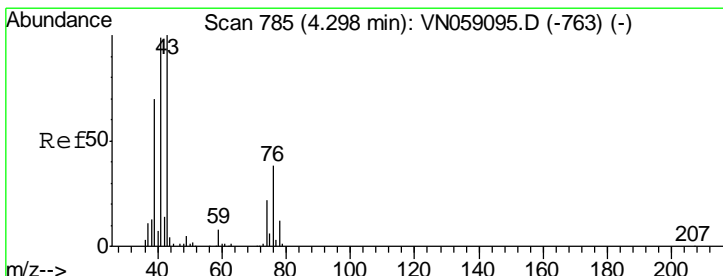
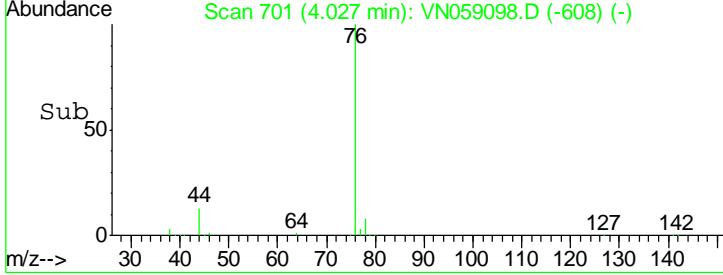
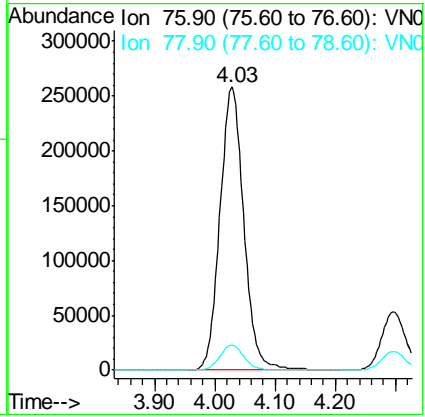
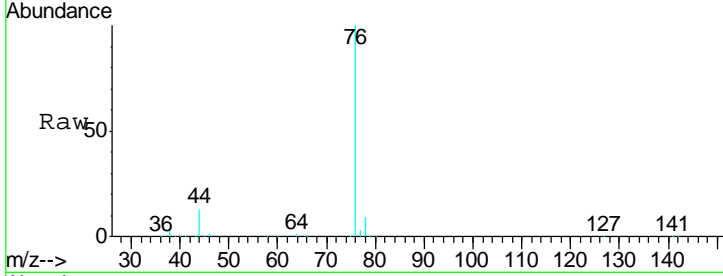
#17  
 Carbon Disulfide  
 Concen: 45.567 ug/l  
 RT: 4.03 min Scan# 701  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

Tgt Ion: 76 Resp: 705688

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

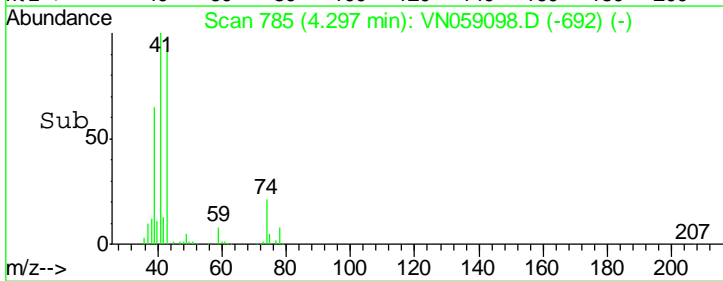
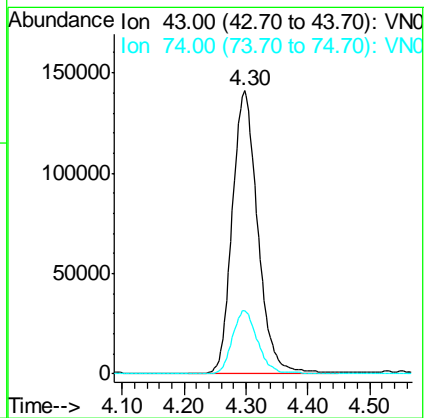
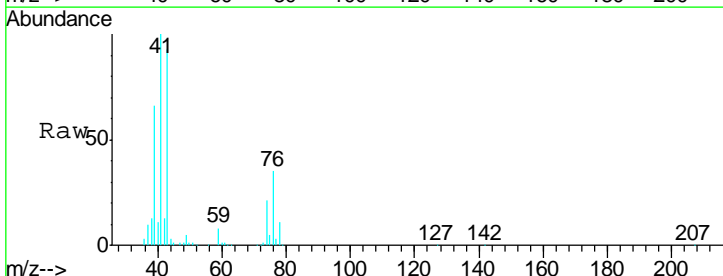
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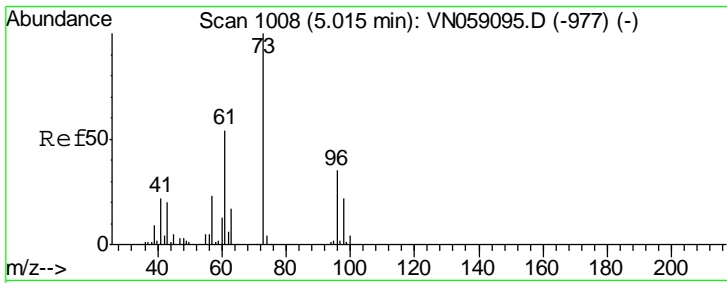


#18  
 Methyl Acetate  
 Concen: 49.377 ug/l  
 RT: 4.30 min Scan# 785  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion: 43 Resp: 400675

Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.8	26.8





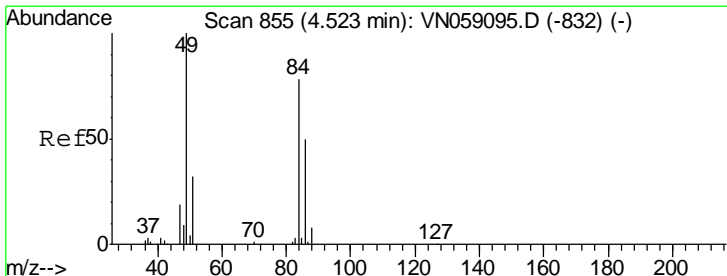
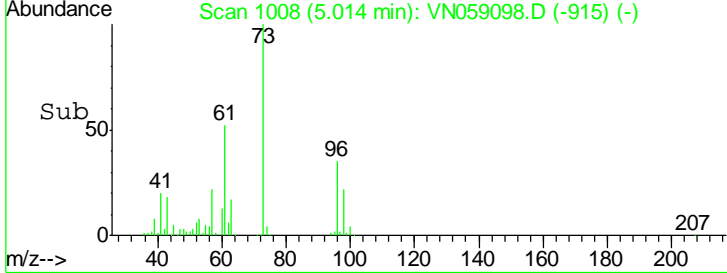
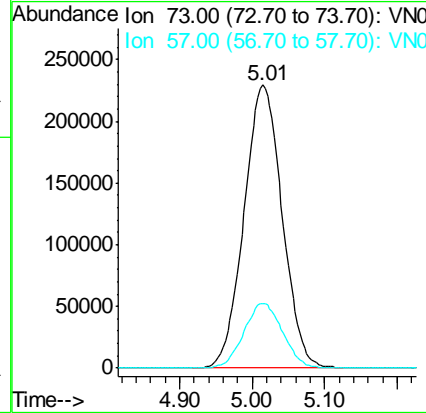
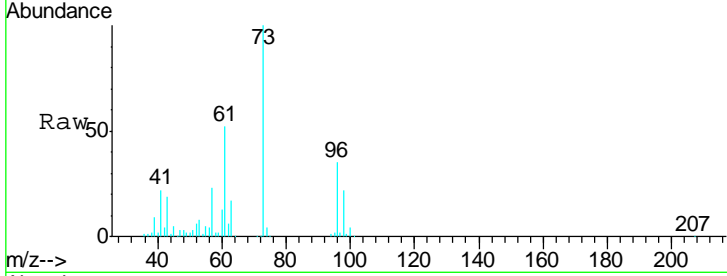
#19  
 Methyl tert-butyl Ether  
 Concen: 48.917 ug/l  
 RT: 5.01 min Scan# 1008  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 ICVVN110619

Tgt Ion	Resp	Lower	Upper
73	100		
57	23.0	18.4	27.6

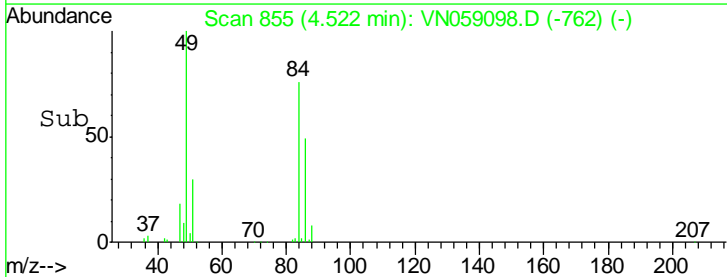
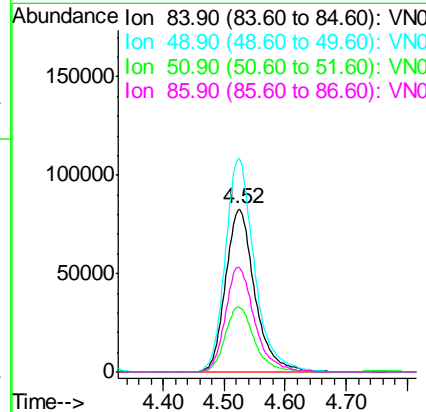
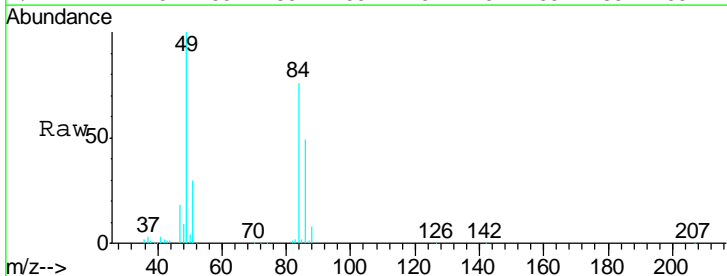
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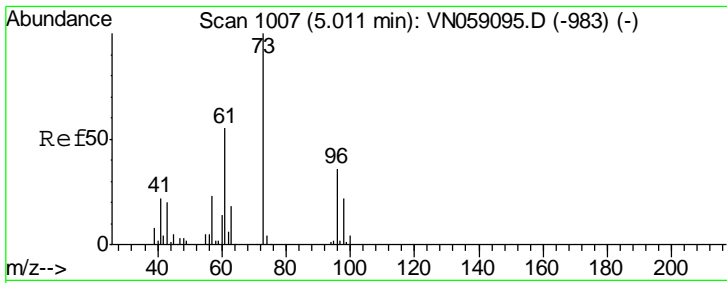
MMDadoda  
 11/7/2019 9:16:24 AM



#20  
 Methylene Chloride  
 Concen: 46.256 ug/l  
 RT: 4.52 min Scan# 855  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
84	100		
49	131.2	102.0	153.0
51	39.8	32.2	48.2
86	64.7	50.7	76.1





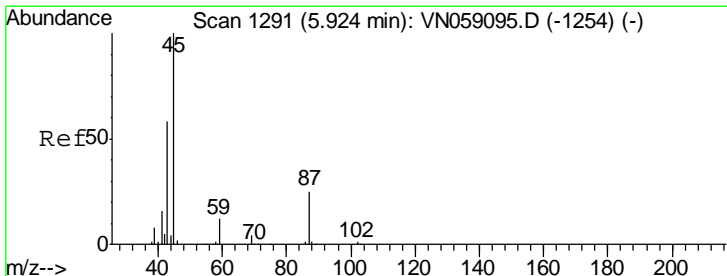
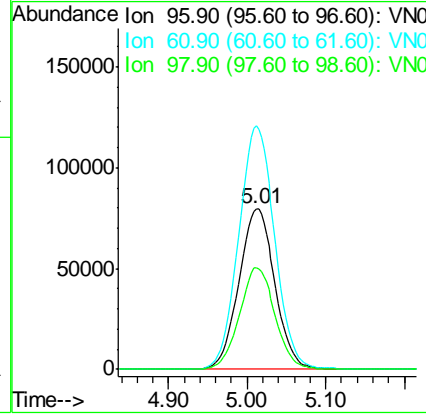
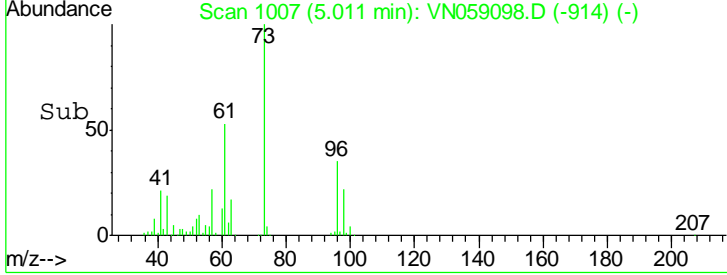
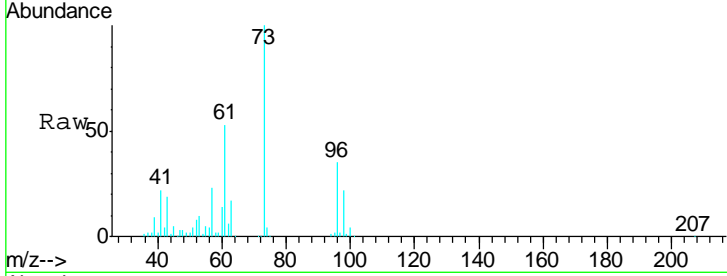
#21  
 trans-1,2-Dichloroethene  
 Concen: 47.662 ug/l  
 RT: 5.01 min Scan# 1007  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

Tgt Ion	Resp	Lower	Upper
96	255233		
61	151.3	122.6	183.8
98	63.5	50.3	75.5

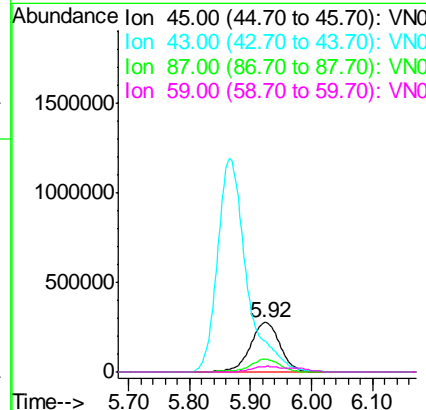
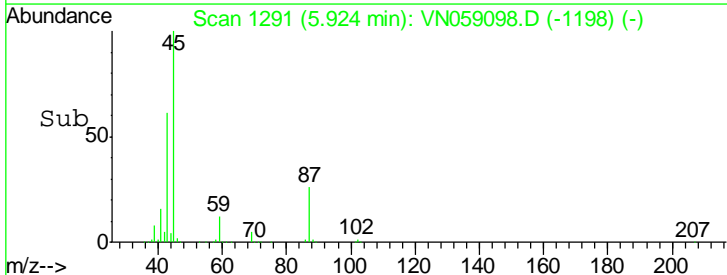
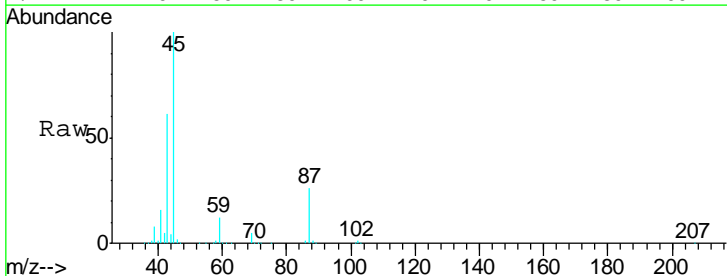
**Manual Integrations**  
**APPROVED**

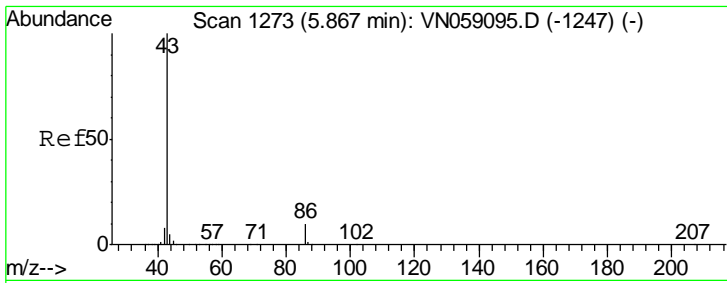
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 11/7/2019 9:16:24 AM



#22  
 Diisopropyl ether  
 Concen: 48.392 ug/l  
 RT: 5.92 min Scan# 1291  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
45	936718		
43	59.9	46.7	70.1
87	26.0	20.5	30.7
59	11.5	9.6	14.4





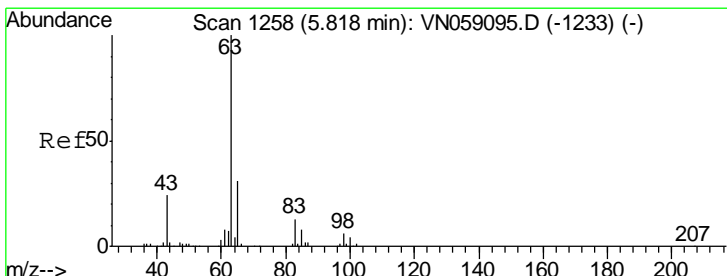
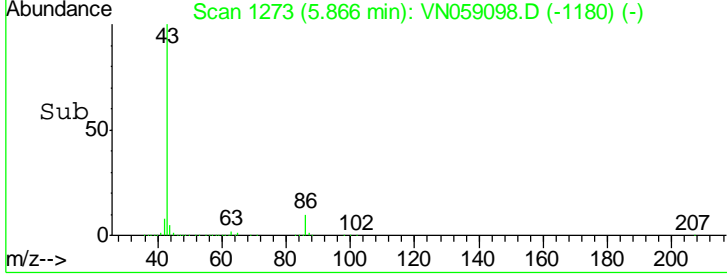
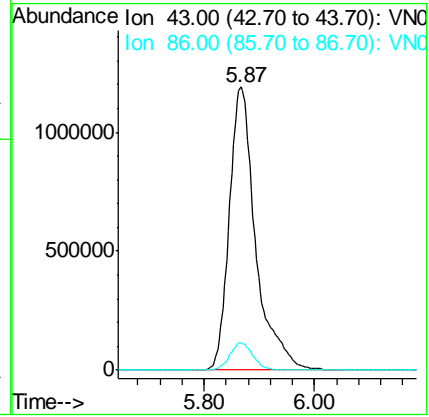
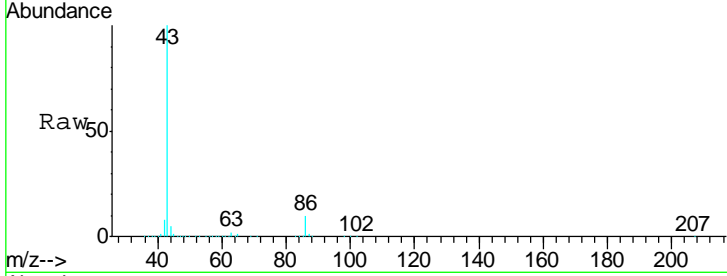
#23  
 Vinyl Acetate  
 Concen: 263.020 ug/l  
 RT: 5.87 min Scan# 1273  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion: 43 Resp: 3945775

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.7	11.5

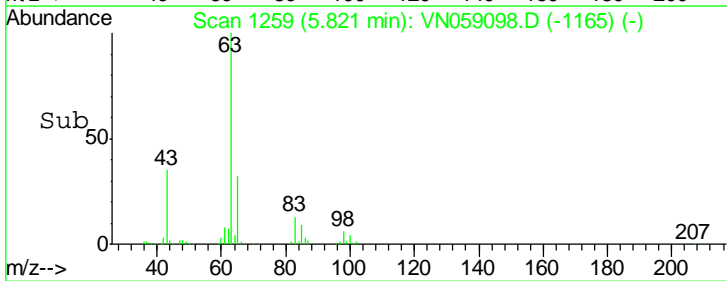
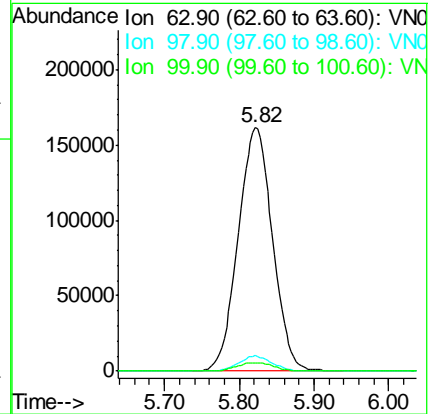
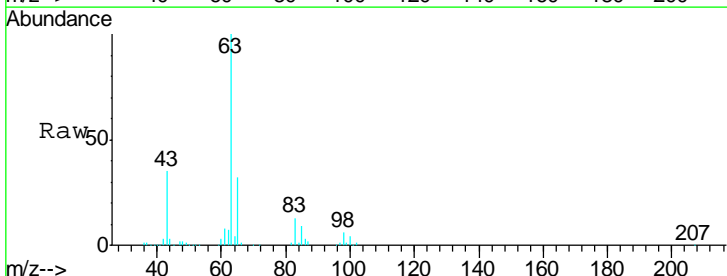
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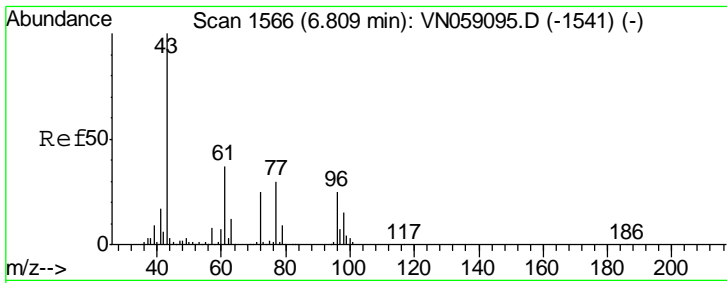
#24  
 1,1-Dichloroethane  
 Concen: 47.672 ug/l  
 RT: 5.82 min Scan# 1259  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion: 63 Resp: 515396

Ion	Ratio	Lower	Upper
63	100		
98	6.2	2.8	8.4
100	3.6	1.9	5.7







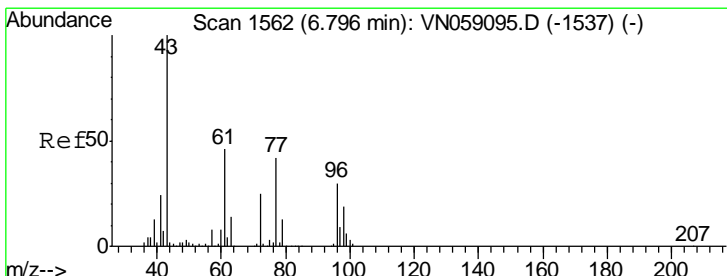
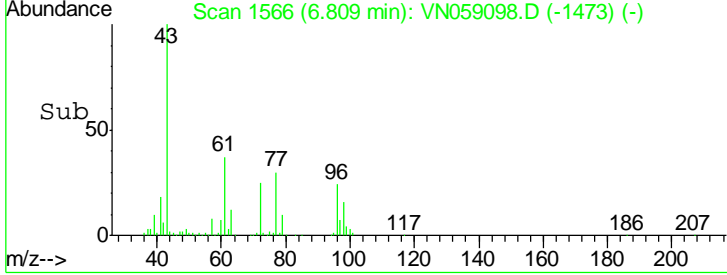
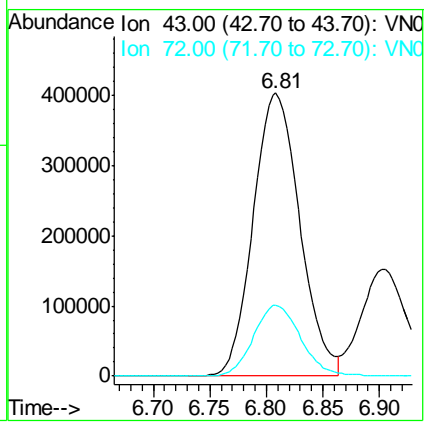
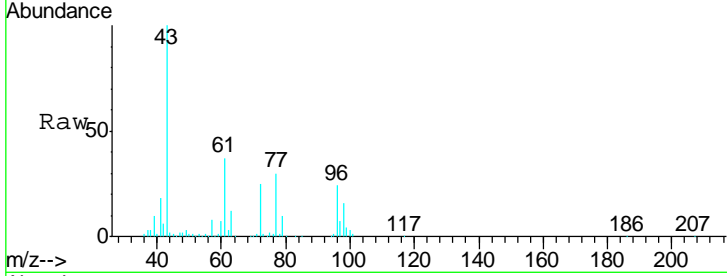
#25  
 2-Butanone  
 Concen: 255.619 ug/l  
 RT: 6.81 min Scan# 1566  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

Tgt Ion: 43 Resp: 1151726

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.3	30.5

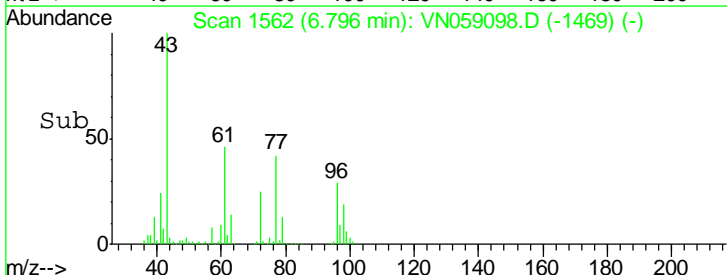
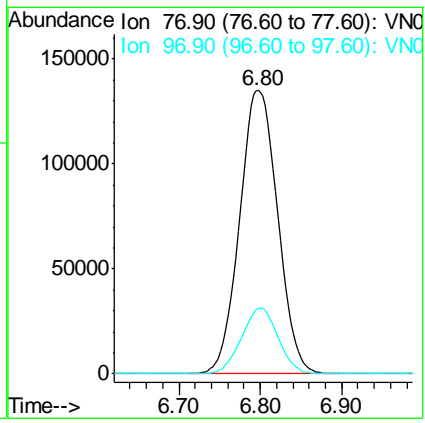
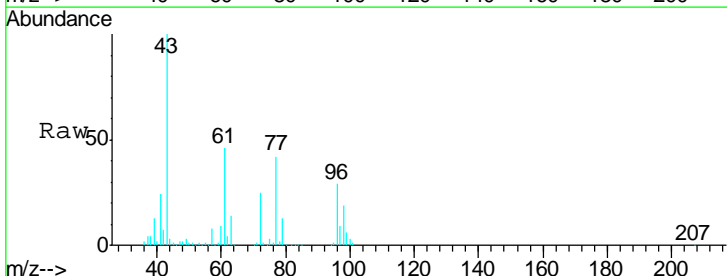
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 11/7/2019 9:16:24 AM

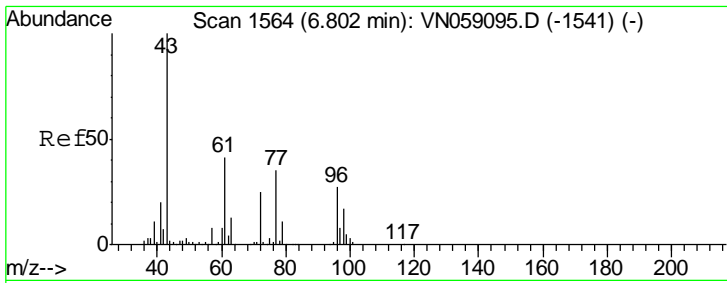


#26  
 2,2-Dichloropropane  
 Concen: 46.078 ug/l  
 RT: 6.80 min Scan# 1562  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion: 77 Resp: 435596

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.2	33.6





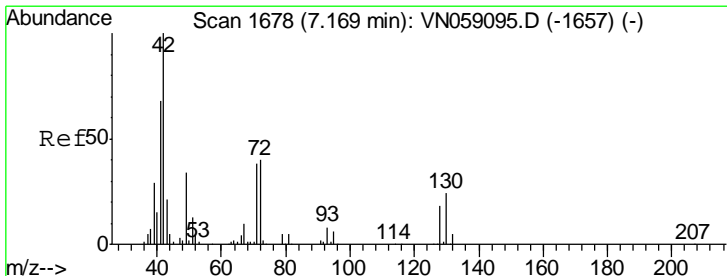
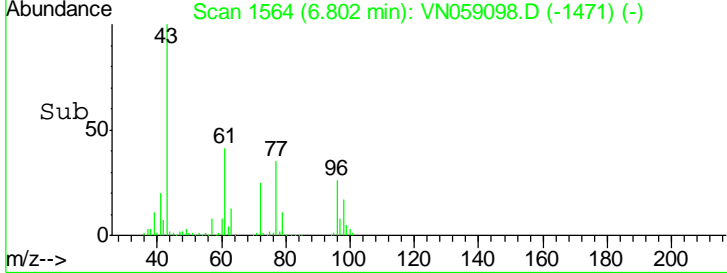
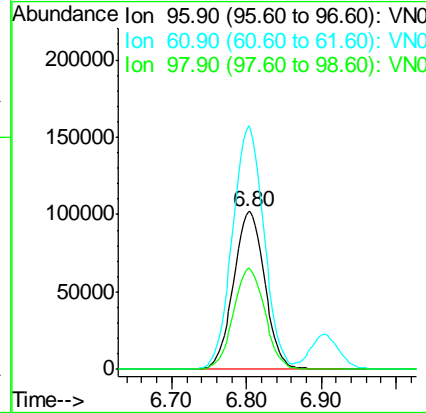
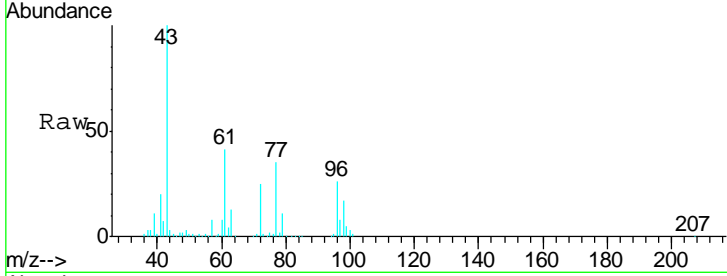
#27  
 cis-1,2-Dichloroethene  
 Concen: 47.648 ug/l  
 RT: 6.80 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
96	296029		
96	100		
61	155.6	0.0	311.6
98	64.4	0.0	129.8

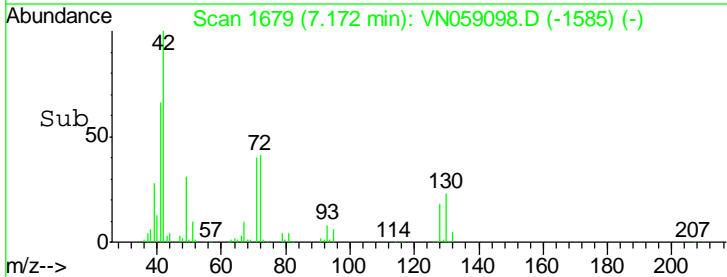
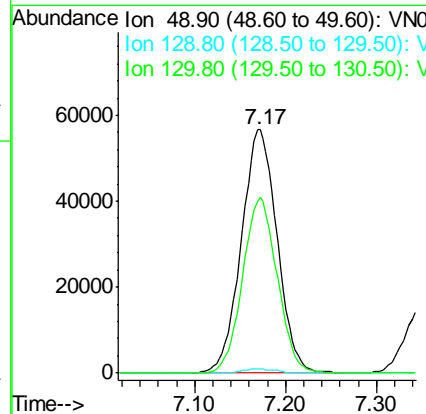
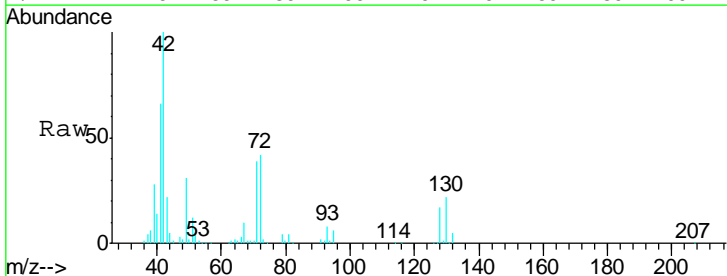
Manual Integrations  
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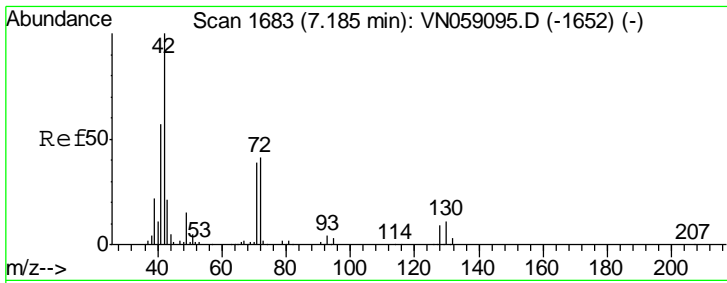
MMDadoda  
 11/7/2019 9:16:24 AM



#28  
 Bromochloromethane  
 Concen: 47.604 ug/l  
 RT: 7.17 min Scan# 1679  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
49	154840		
49	100		
129	1.6	0.0	3.8
130	69.5	55.6	83.4





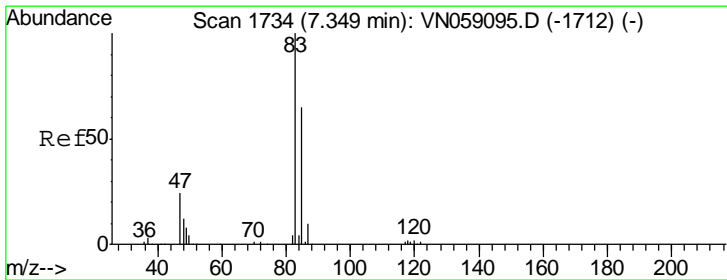
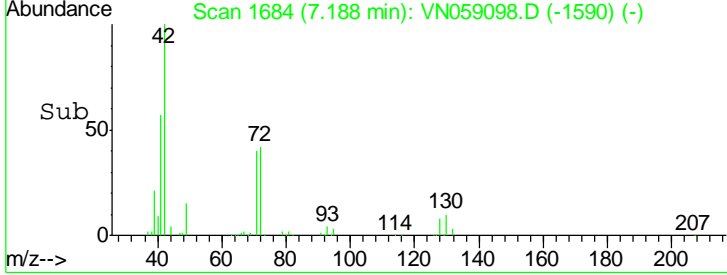
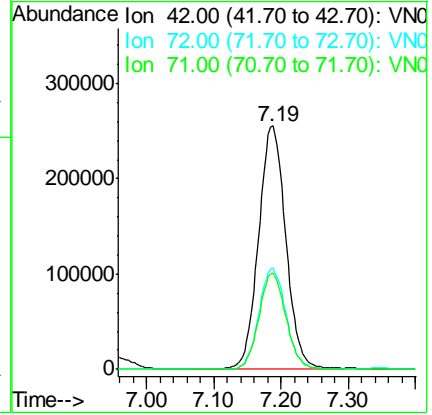
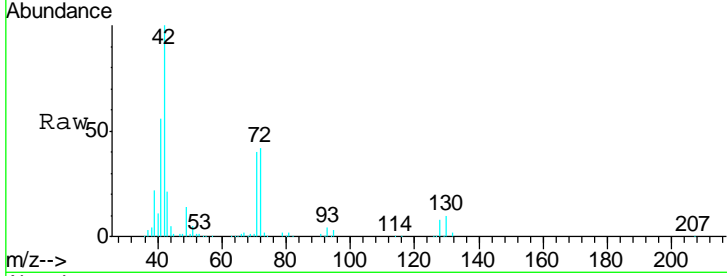
#29  
 Tetrahydrofuran  
 Concen: 250.976 ug/l  
 RT: 7.19 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
42	100		
72	41.3	33.1	49.7
71	39.1	30.9	46.3

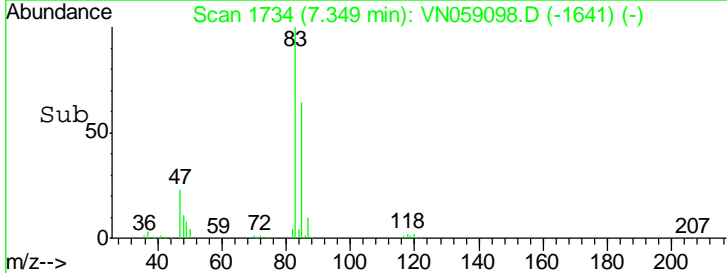
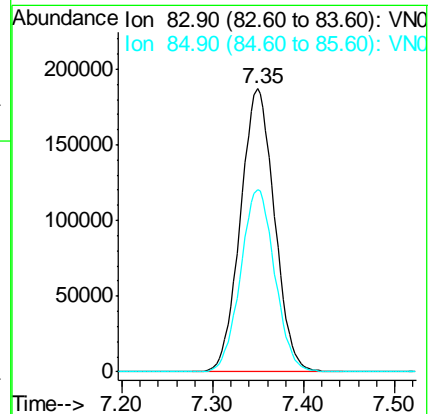
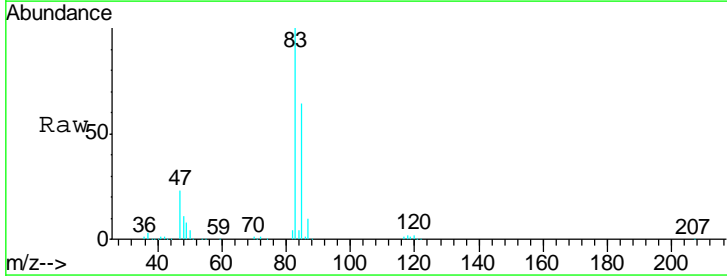
Manual Integrations  
 APPROVED

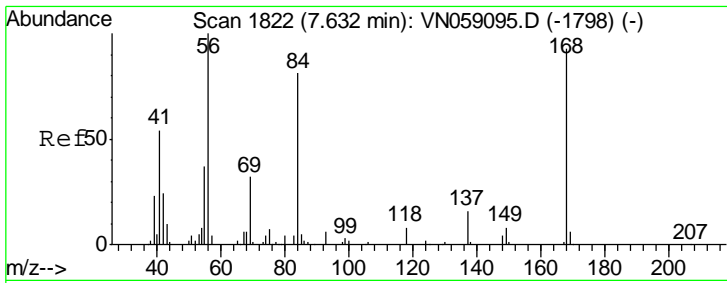
MMDadoda  
 11/7/2019 9:16:24 AM



#30  
 Chloroform  
 Concen: 46.871 ug/l  
 RT: 7.35 min Scan# 1734  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.4	51.8	77.8



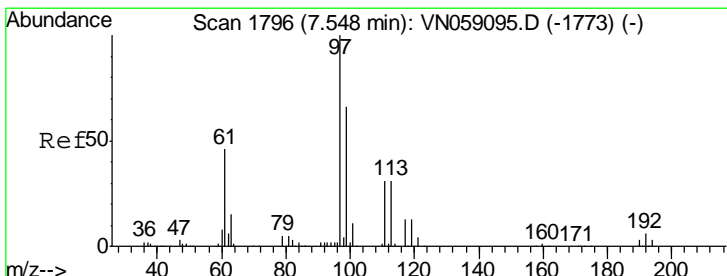
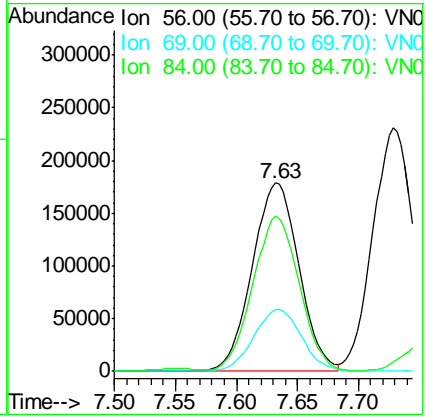
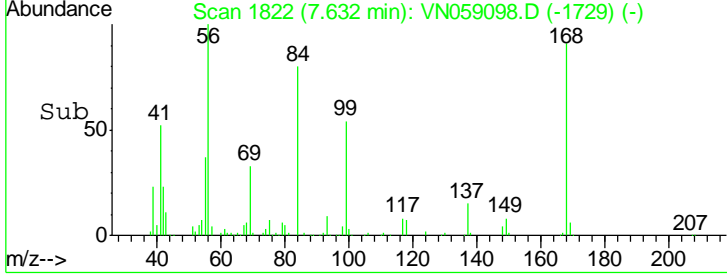
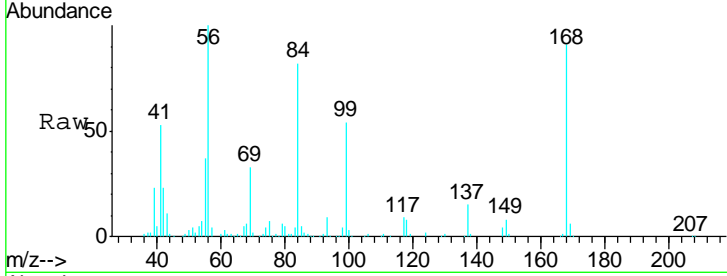


#31  
 Cyclohexane  
 Concen: 46.488 ug/l  
 RT: 7.63 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

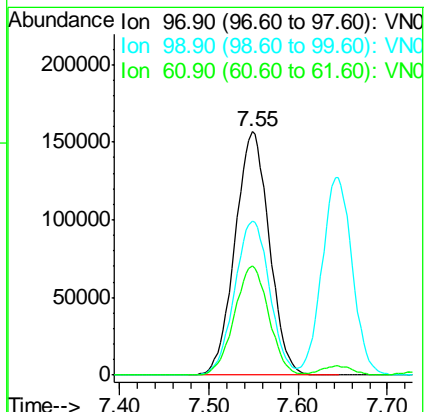
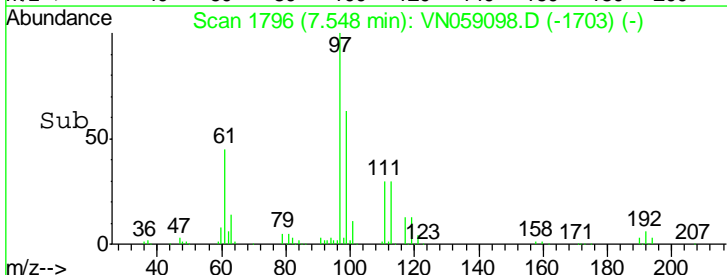
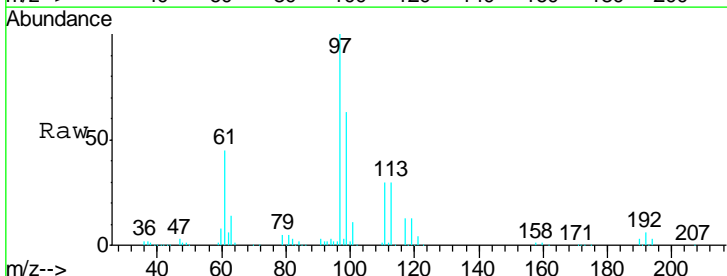
Tgt Ion	Resp	Lower	Upper
56	475799		
69	33.2	25.8	38.8
84	81.2	65.0	97.4

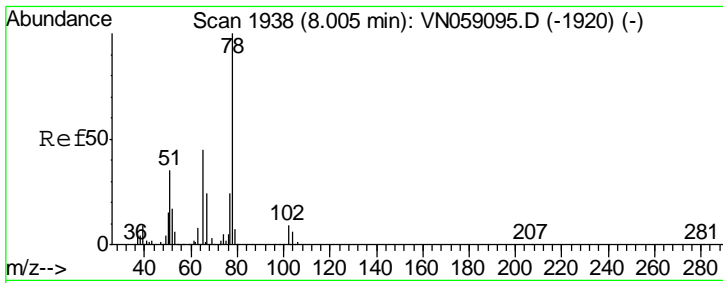
Manual Integrations  
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#32  
 1,1,1-Trichloroethane  
 Concen: 47.834 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
97	417082		
99	64.7	51.0	76.6
61	45.0	35.8	53.8





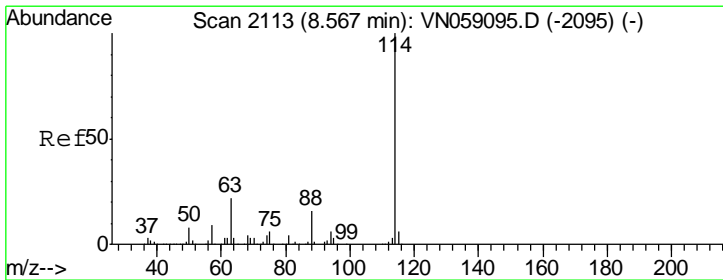
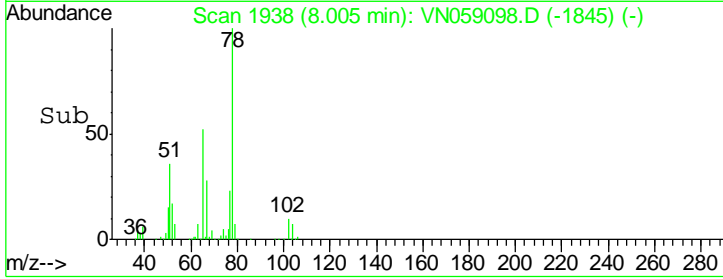
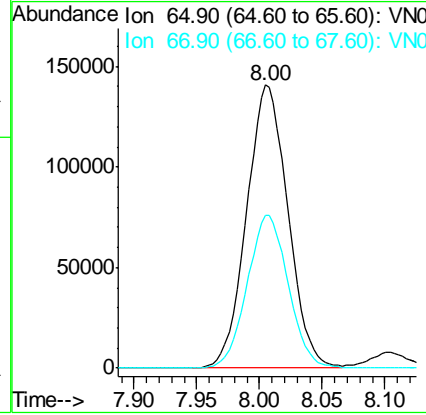
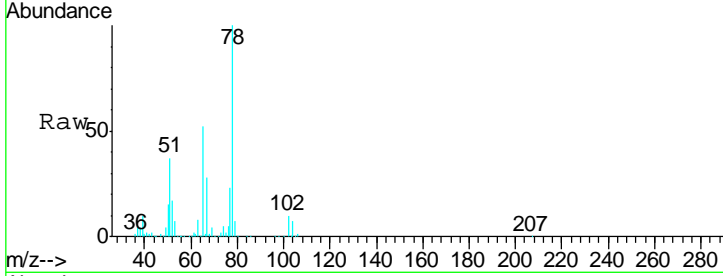
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.060 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.4

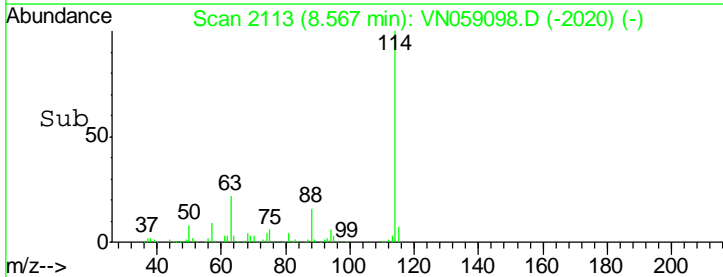
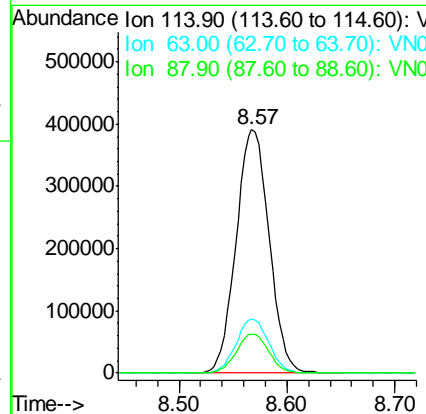
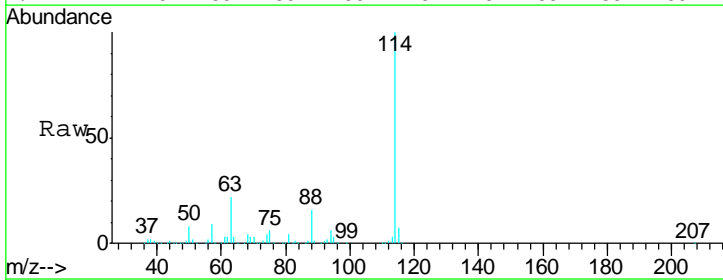
**Manual Integrations**  
**APPROVED**

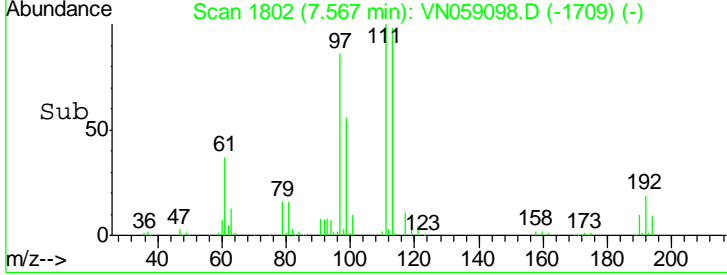
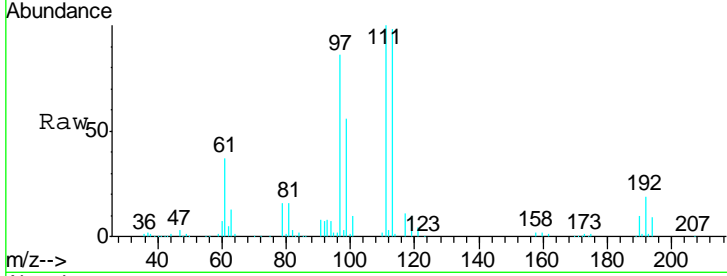
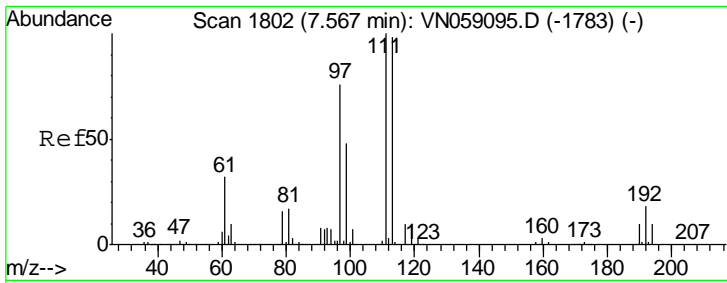
MMDadoda  
 11/7/2019 9:16:24 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.4
88	16.1	0.0	32.2



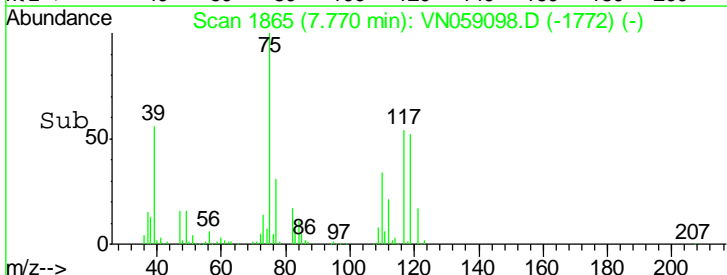
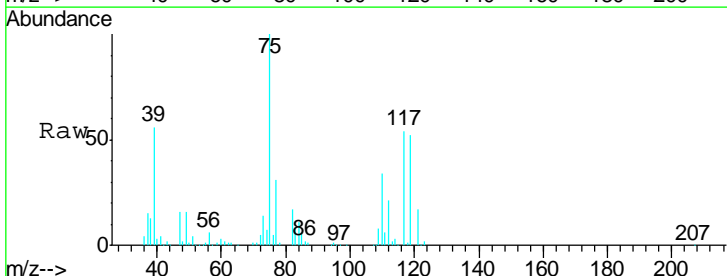
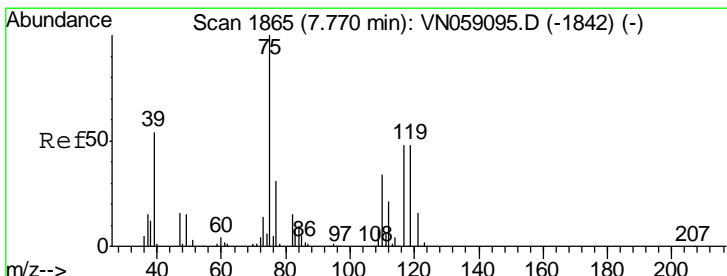
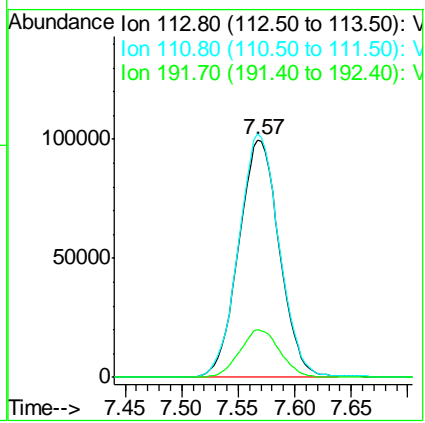


#35  
 Dibromofluoromethane  
 Concen: 50.103 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
113	249800		
113	100		
111	102.4	82.8	124.2
192	19.8	16.1	24.1

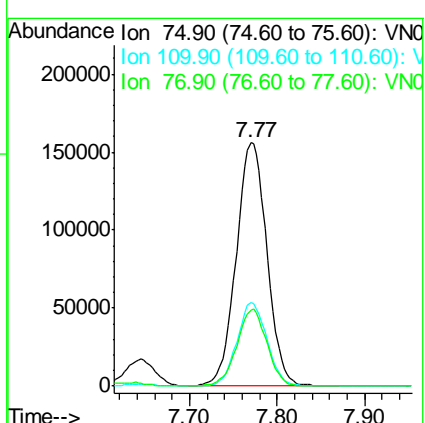
Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

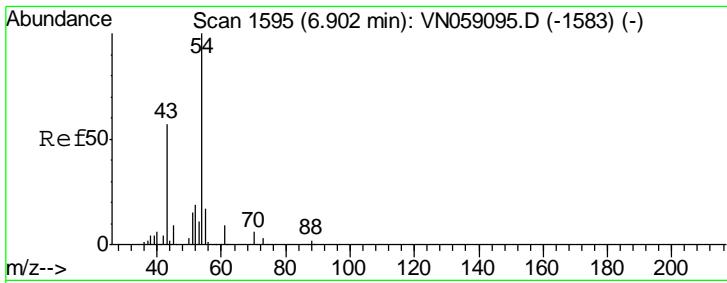
Manual Integrations  
**APPROVED**  
 MMDadoda  
 11/7/2019 9:16:24 AM



#36  
 1,1-Dichloropropene  
 Concen: 48.643 ug/l  
 RT: 7.77 min Scan# 1865  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
75	379643		
75	100		
110	33.5	17.1	51.2
77	31.0	24.8	37.2





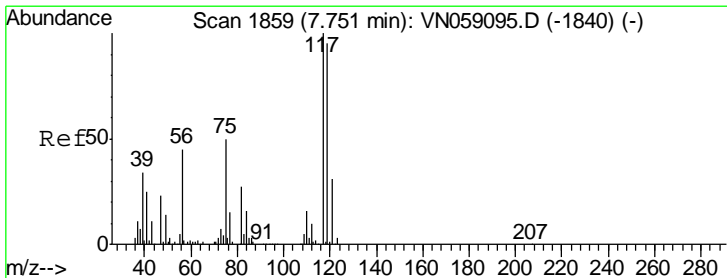
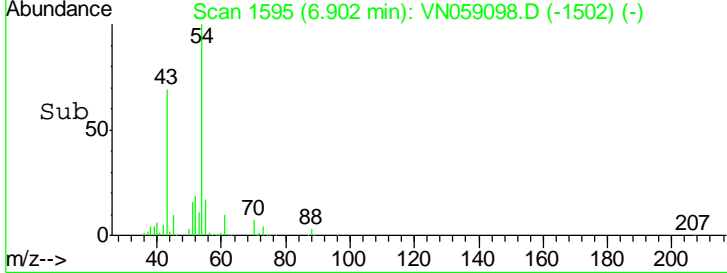
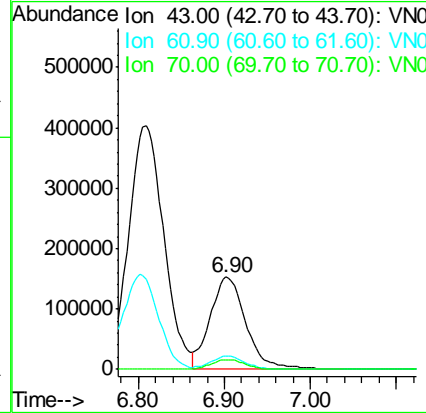
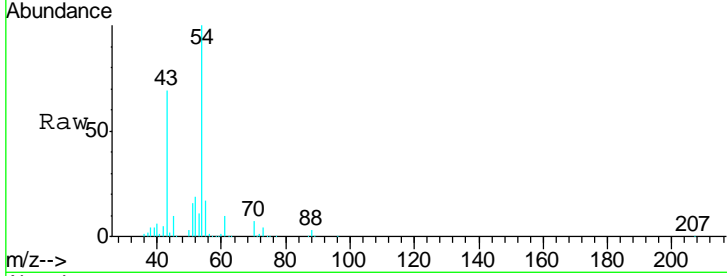
#37  
 Ethyl Acetate  
 Concen: 50.238 ug/l  
 RT: 6.90 min Scan# 1595  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

Tgt Ion	Resp	Lower	Upper
43	100		
61	13.9	11.2	16.8
70	10.3	7.8	11.8

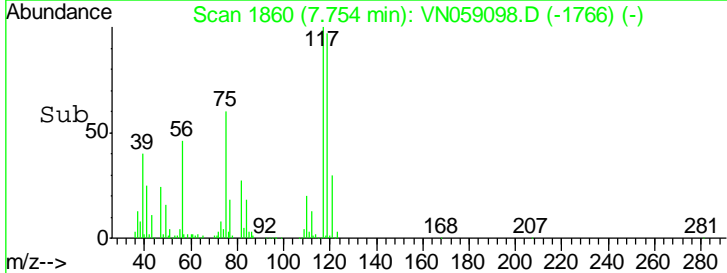
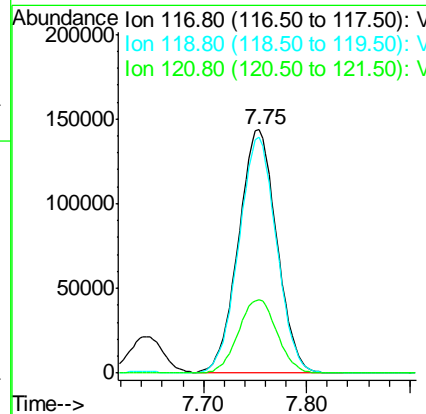
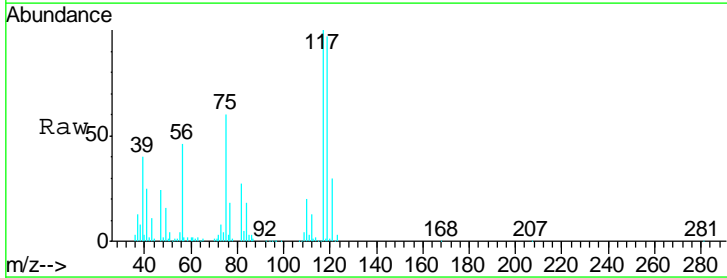
**Manual Integrations**  
**APPROVED**

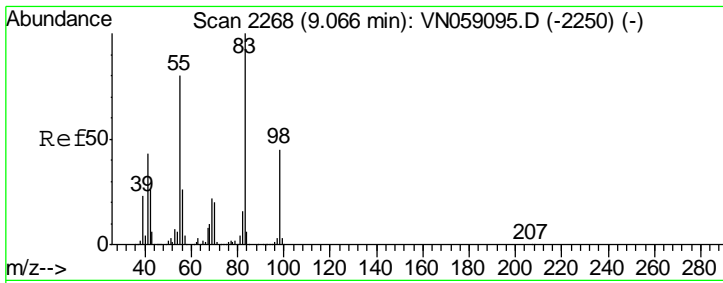
MMDadoda  
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#38  
 Carbon Tetrachloride  
 Concen: 47.557 ug/l  
 RT: 7.75 min Scan# 1860  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

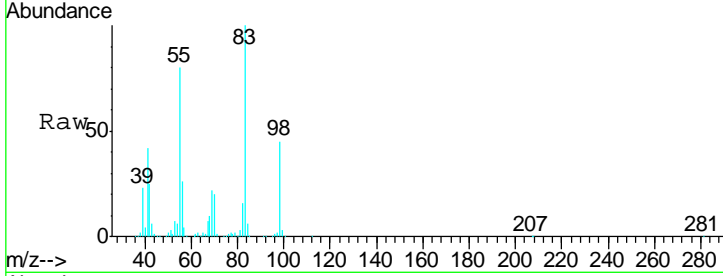
Tgt Ion	Resp	Lower	Upper
117	100		
119	96.9	75.6	113.4
121	30.3	24.6	36.8





#39  
 Methylcyclohexane  
 Concen: 50.427 ug/l  
 RT: 9.07 min Scan# 2268  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

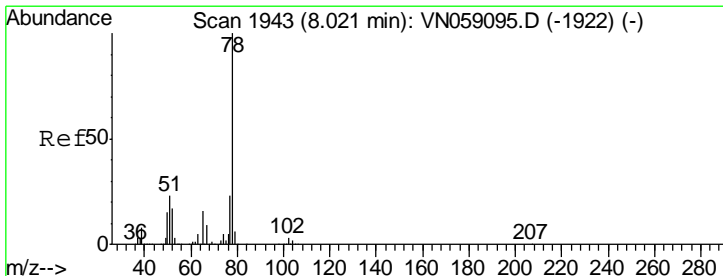
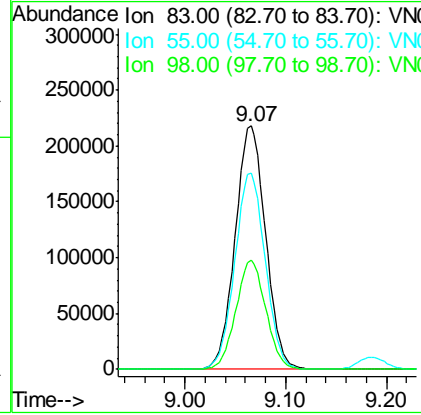
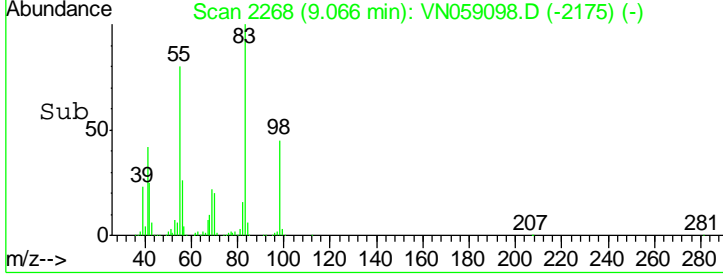
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619



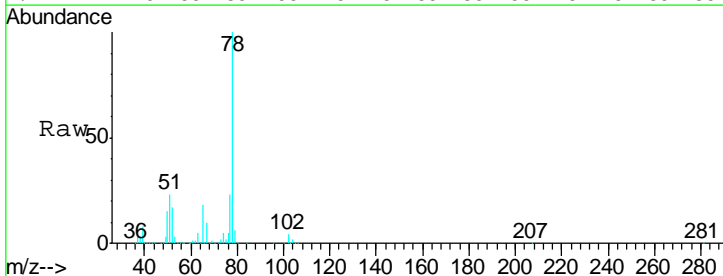
Tgt Ion: 83 Resp: 456771

Ion	Ratio	Lower	Upper
83	100		
55	80.4	63.9	95.9
98	45.0	35.6	53.4

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 11/7/2019 9:16:24 AM

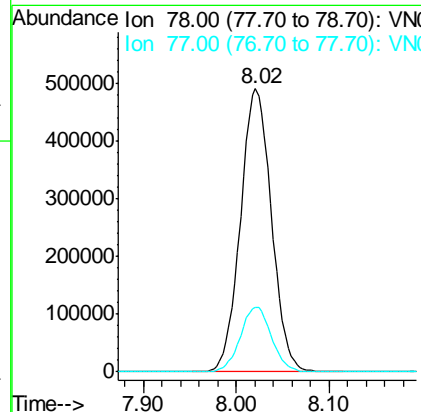
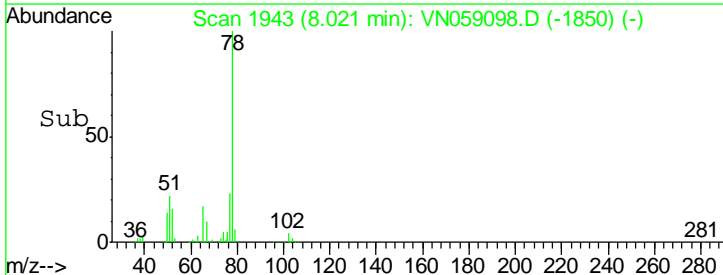


#40  
 Benzene  
 Concen: 48.364 ug/l  
 RT: 8.02 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

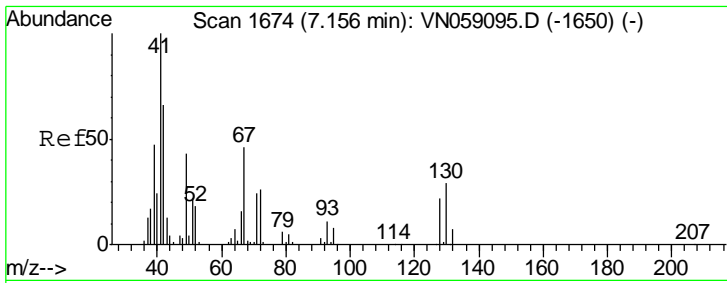


Tgt Ion: 78 Resp: 1136694

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2







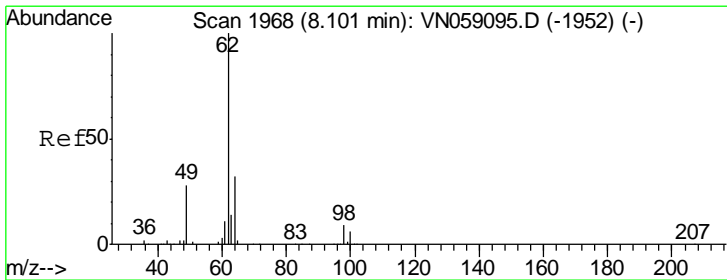
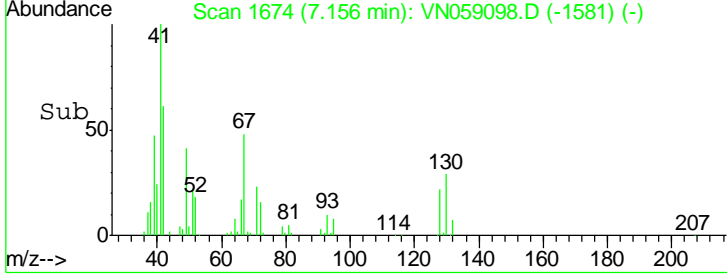
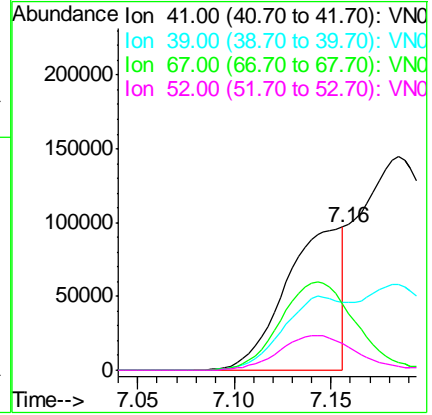
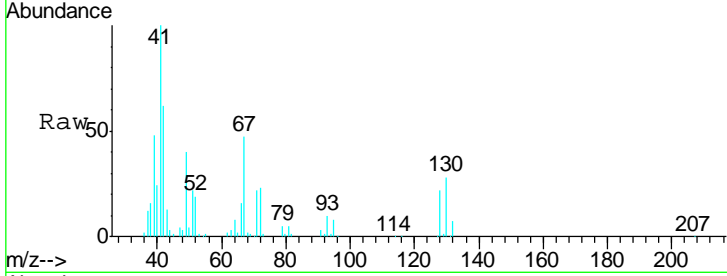
#41  
 Methacrylonitrile  
 Concen: 53.065 ug/l m  
 RT: 7.16 min Scan# 1674  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

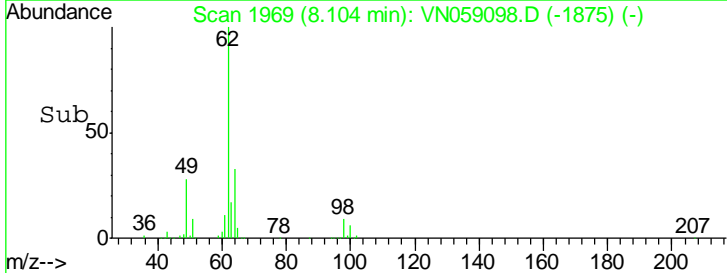
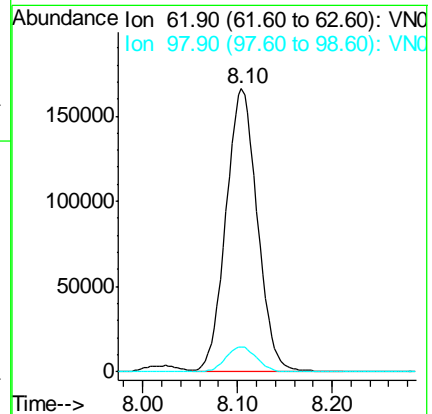
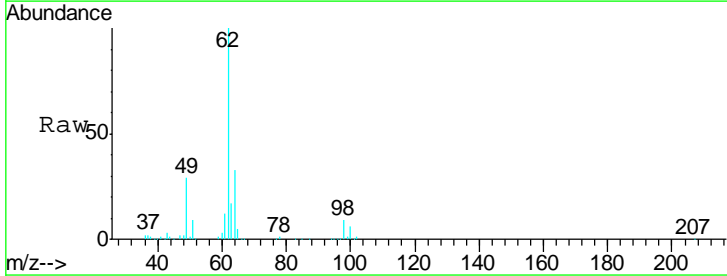
Manual Integrations  
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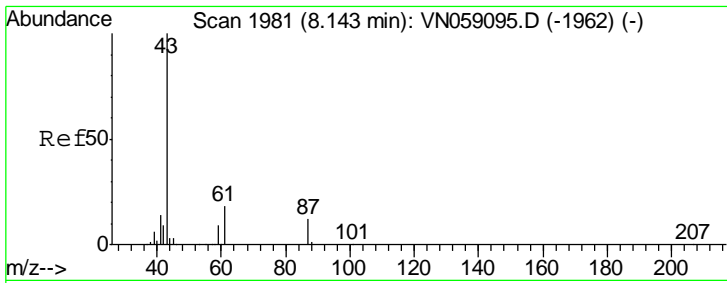
MMDadoda  
 11/7/2019 9:16:24 AM



#42  
 1,2-Dichloroethane  
 Concen: 47.467 ug/l  
 RT: 8.10 min Scan# 1969  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

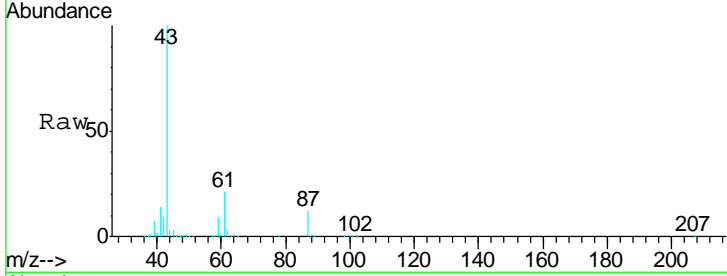
Tgt Ion	Resp	Lower	Upper
62	100		
98	8.8	0.0	17.8





#43  
 Isopropyl Acetate  
 Concen: 49.061 ug/l  
 RT: 8.14 min Scan# 1981  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

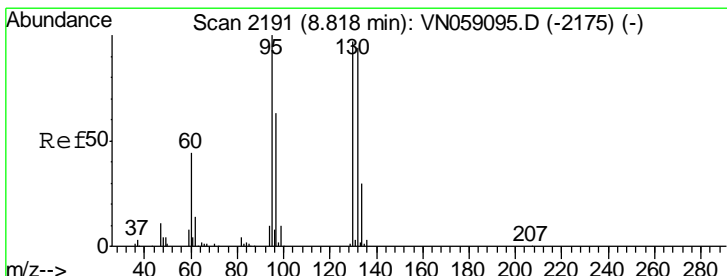
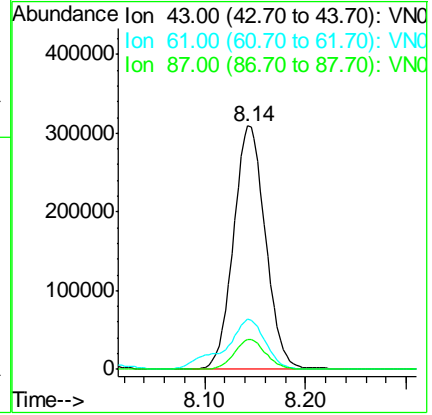
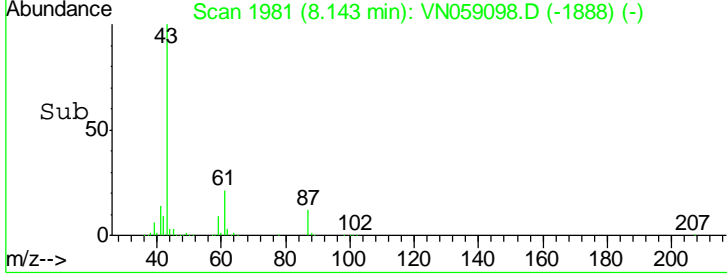
Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619



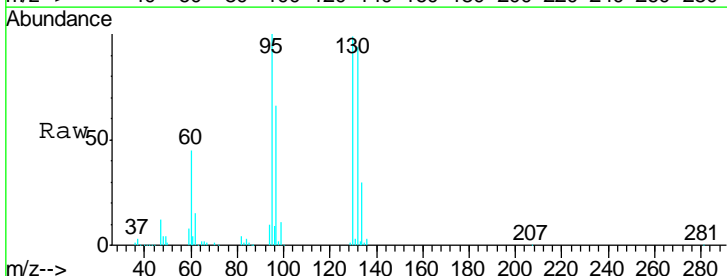
Tgt Ion: 43 Resp: 679106

Ion	Ratio	Lower	Upper
43	100		
61	26.4	21.0	31.6
87	12.2	9.8	14.6

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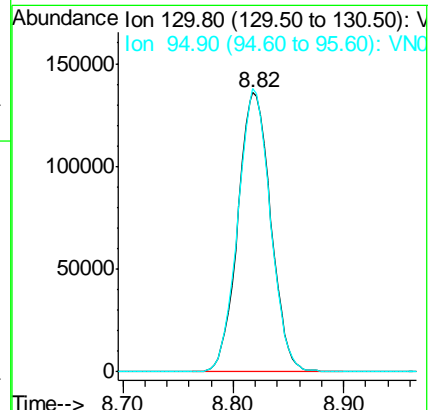
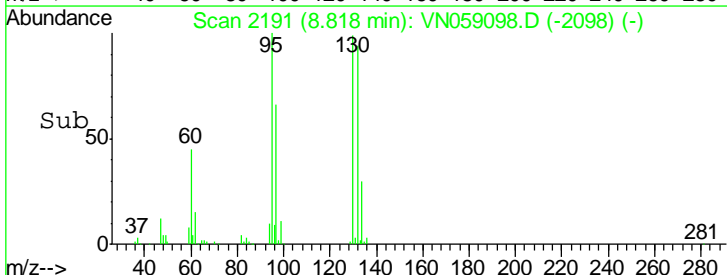


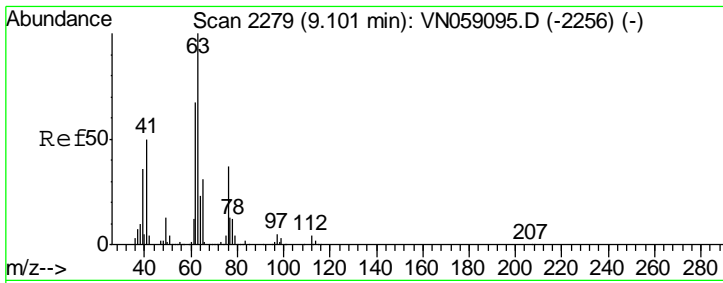
#44  
 Trichloroethene  
 Concen: 48.633 ug/l  
 RT: 8.82 min Scan# 2191  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29



Tgt Ion: 130 Resp: 280969

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	206.4



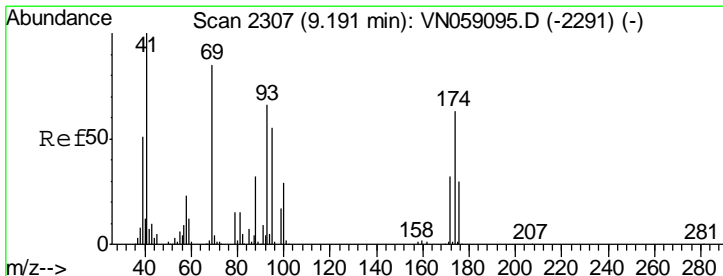
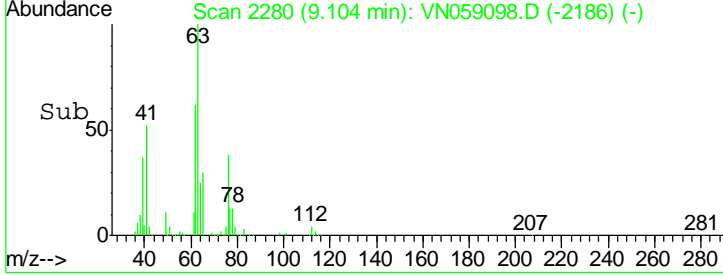
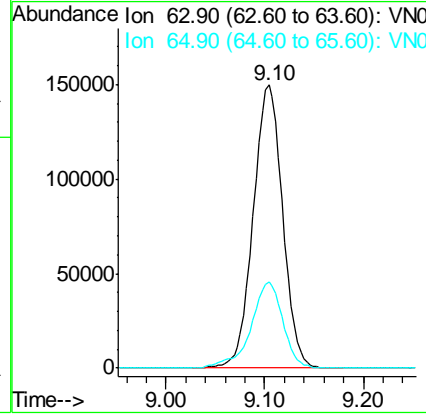
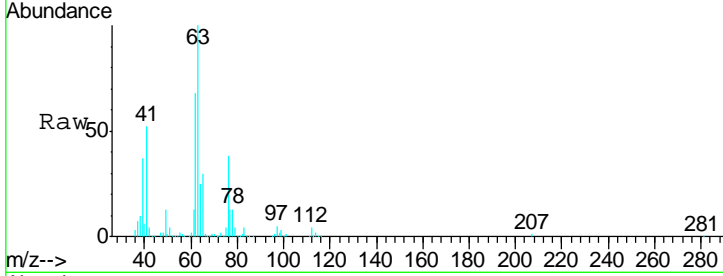


#45  
 1,2-Dichloropropane  
 Concen: 48.263 ug/l  
 RT: 9.10 min Scan# 2280  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

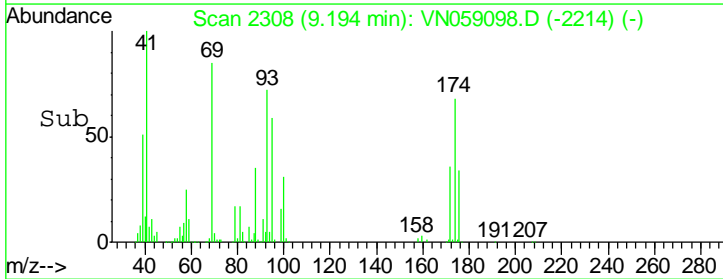
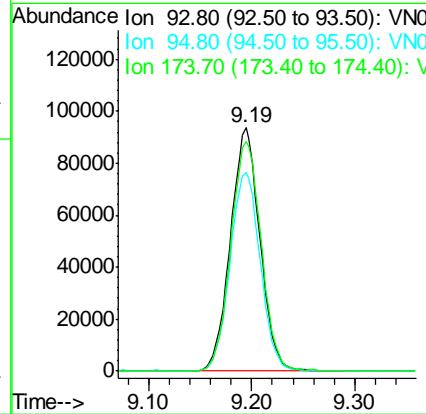
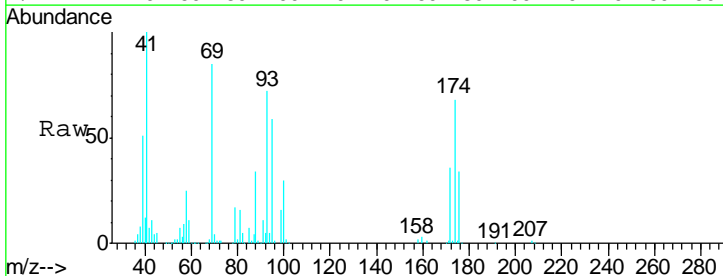
Tgt Ion	Resp	Lower	Upper
63	100		
65	30.3	24.6	37.0

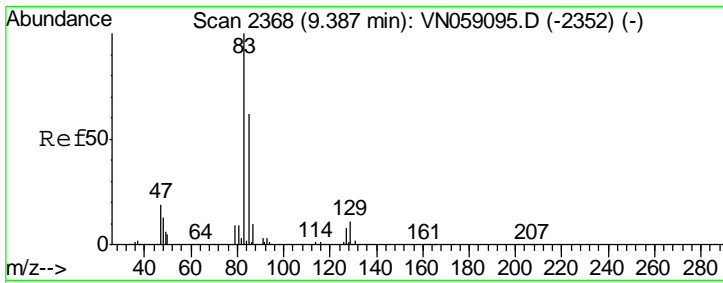
**Manual Integrations**  
**APPROVED**  
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 11/7/2019 9:16:24 AM



#46  
 Dibromomethane  
 Concen: 46.833 ug/l  
 RT: 9.19 min Scan# 2308  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

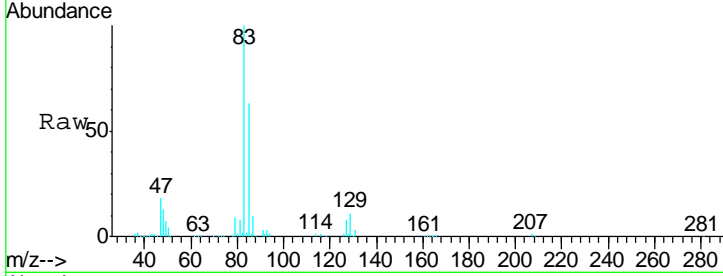
Tgt Ion	Resp	Lower	Upper
93	100		
95	83.8	66.6	100.0
174	97.2	78.2	117.2





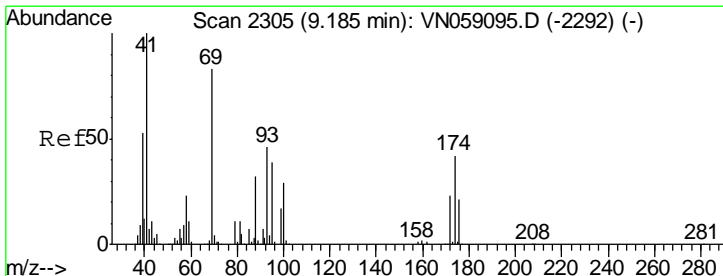
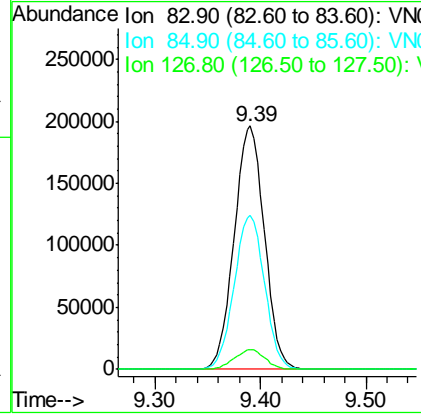
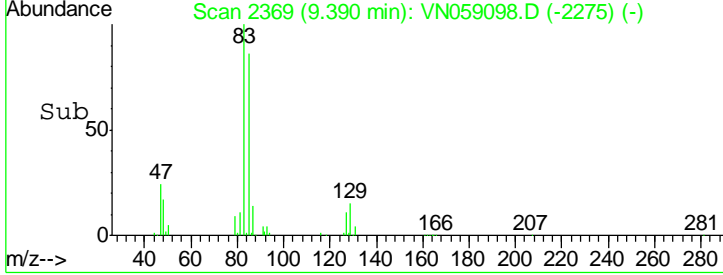
#47  
 Bromodichloromethane  
 Concen: 48.992 ug/l  
 RT: 9.39 min Scan# 2369  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

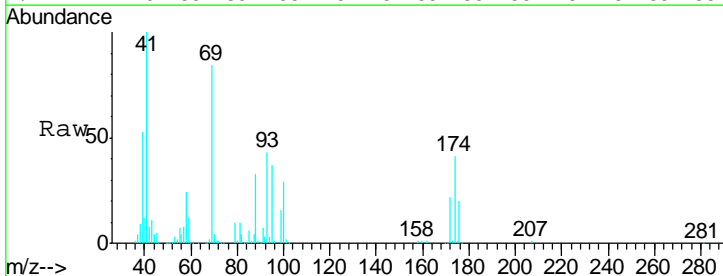


Tgt Ion	Resp	Lower	Upper
83	100		
85	63.1	49.7	74.5
127	8.3	6.4	9.6

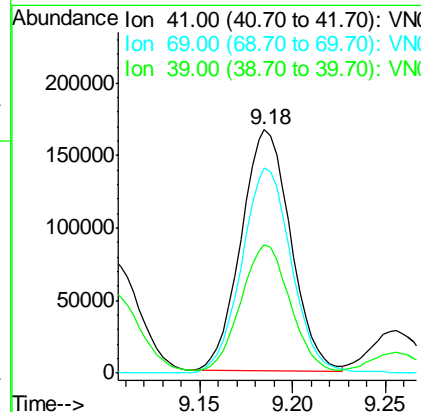
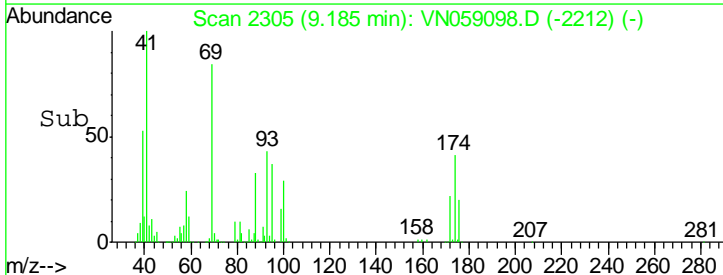
**Manual Integrations**  
**APPROVED**  
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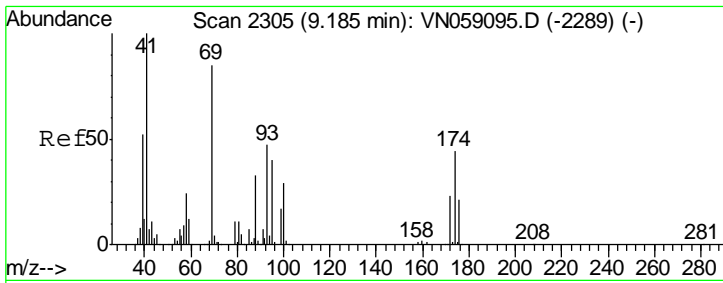


#48  
 Methyl methacrylate  
 Concen: 49.867 ug/l  
 RT: 9.18 min Scan# 2305  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29



Tgt Ion	Resp	Lower	Upper
41	100		
69	85.9	67.3	100.9
39	53.2	43.3	64.9





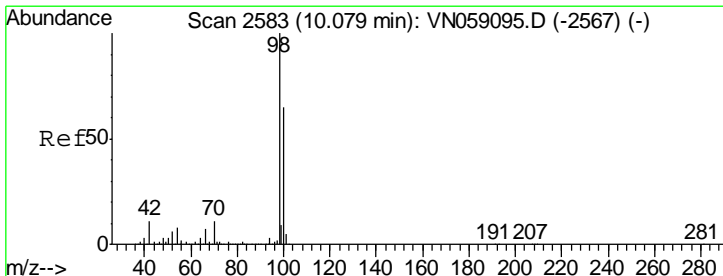
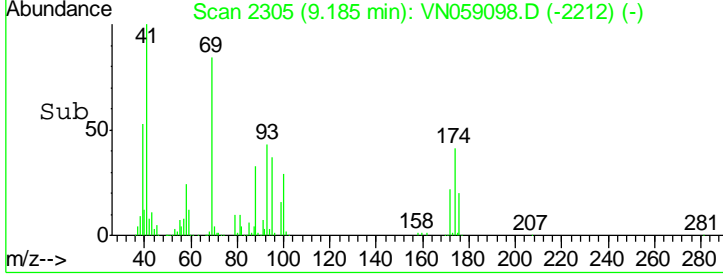
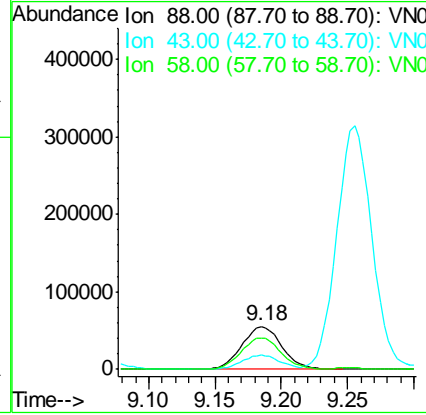
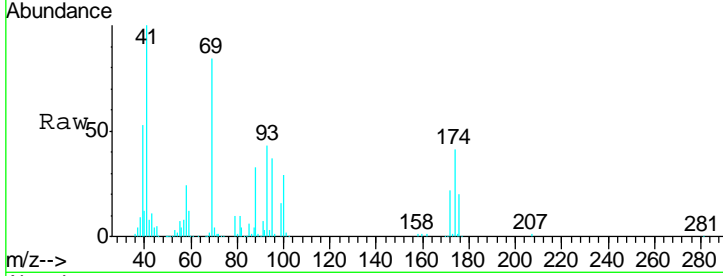
#49  
 1,4-Dioxane  
 Concen: 1049.765 ug/l  
 RT: 9.18 min Scan# 2305  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
88	11508		
88	100		
43	31.3	26.3	39.5
58	73.2	60.6	90.8

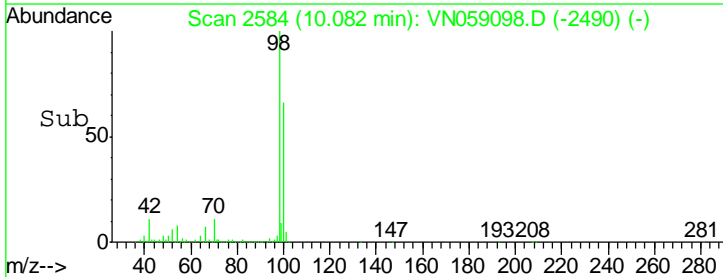
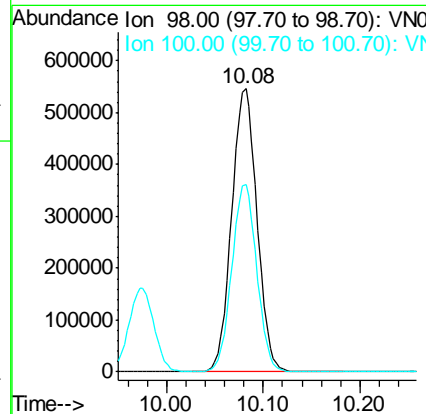
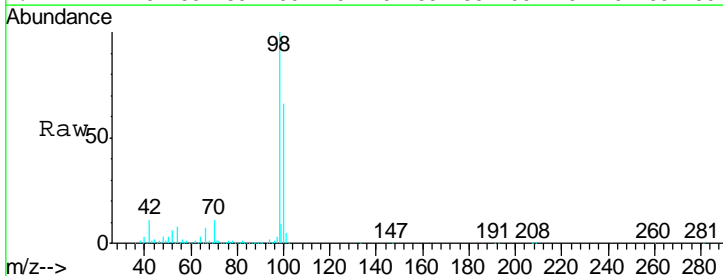
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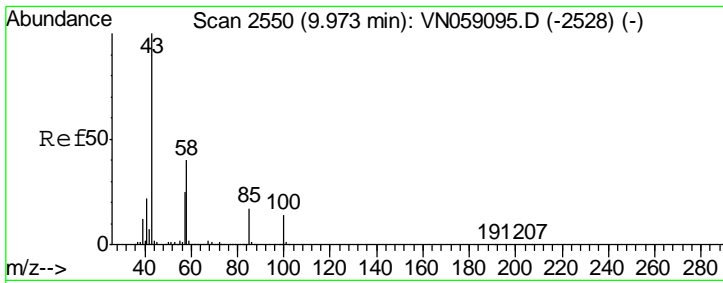
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#50  
 Toluene-d8  
 Concen: 50.657 ug/l  
 RT: 10.08 min Scan# 2584  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
98	994817		
98	100		
100	65.1	52.2	78.2



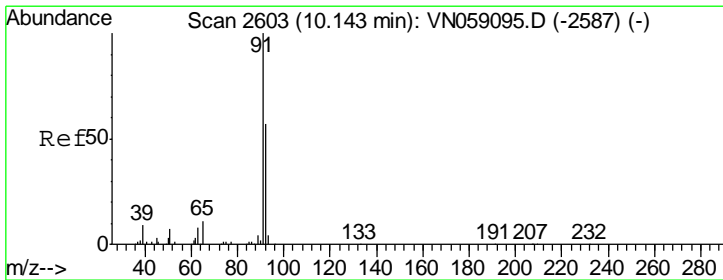
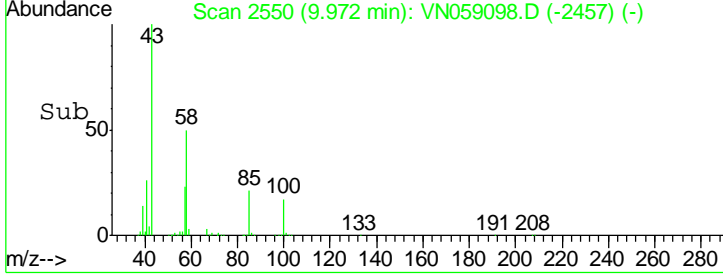
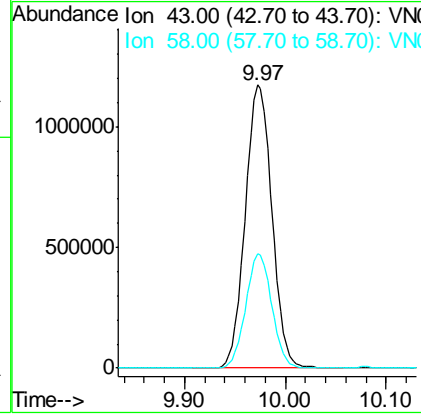
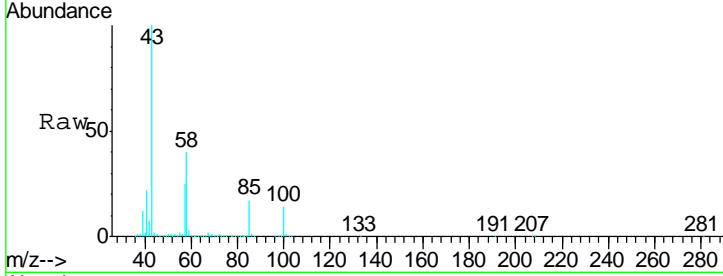


#51  
 4-Methyl-2-Pentanone  
 Concen: 272.979 ug/l  
 RT: 9.97 min Scan# 2550  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

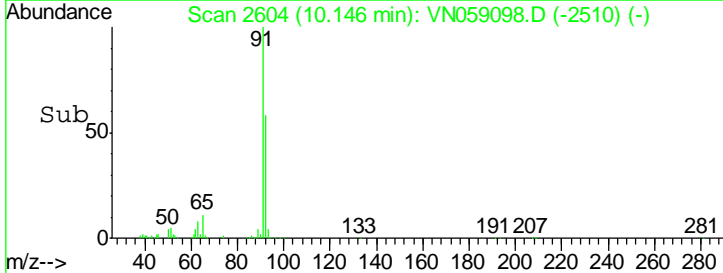
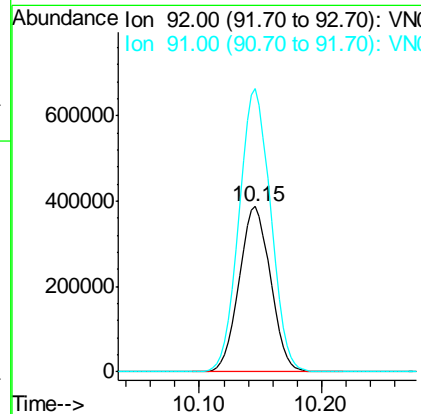
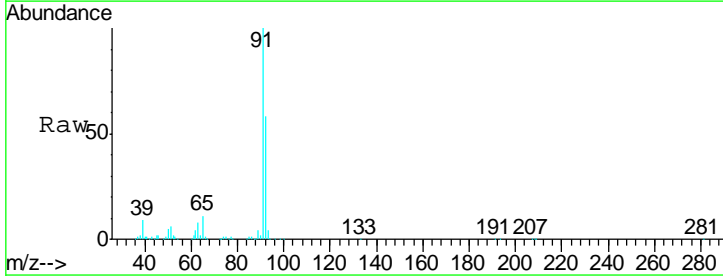
Tgt Ion	Resp	Lower	Upper
43	100		
58	39.6	31.5	47.3

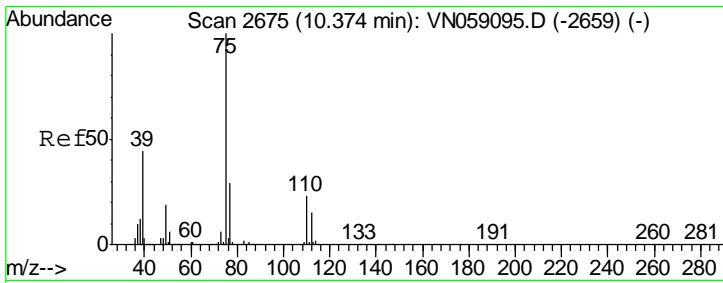
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#52  
 Toluene  
 Concen: 49.168 ug/l  
 RT: 10.15 min Scan# 2604  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
92	100		
91	172.4	139.5	209.3





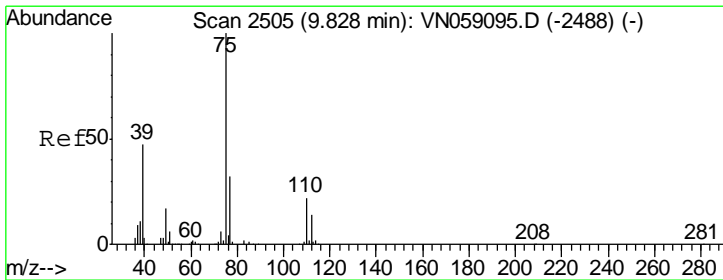
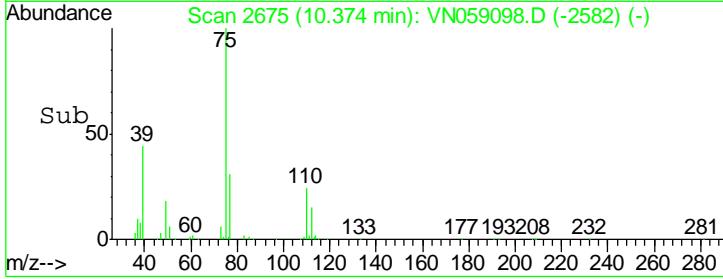
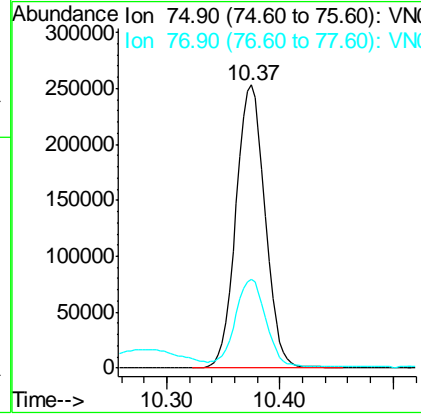
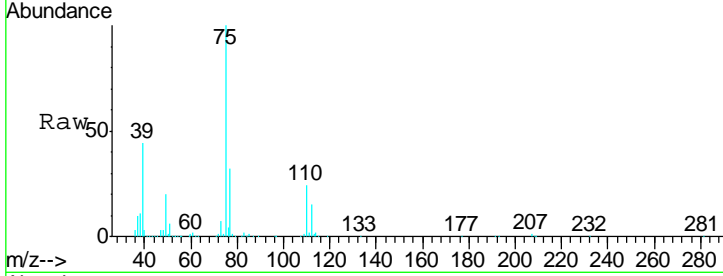
#53  
 t-1,3-Dichloropropene  
 Concen: 49.115 ug/l  
 RT: 10.37 min Scan# 2675  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

Tgt Ion	Resp	Lower	Upper
75	100		
77	31.0	25.3	37.9

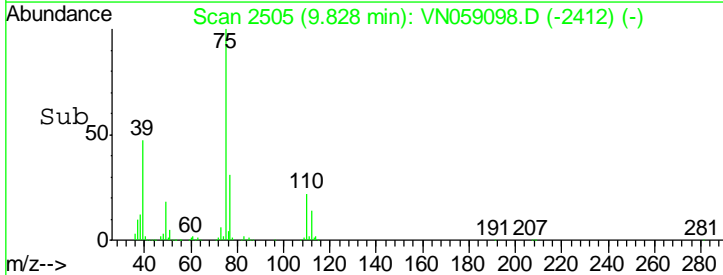
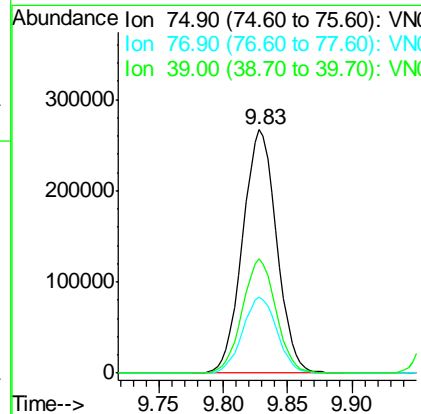
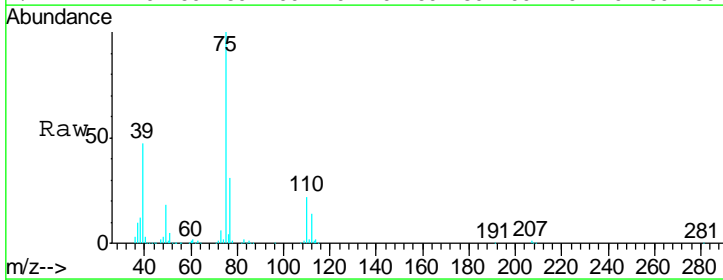
**Manual Integrations**  
**APPROVED**

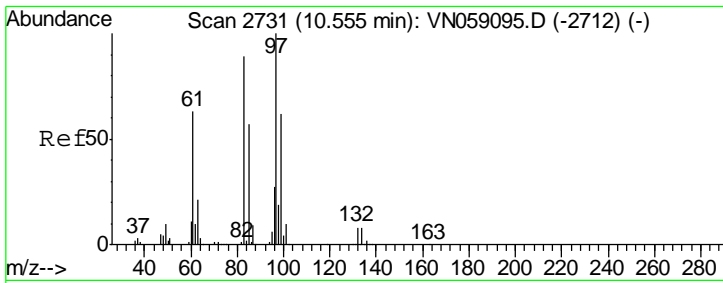
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 11/7/2019 9:16:24 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.681 ug/l  
 RT: 9.83 min Scan# 2505  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
75	100		
77	31.3	25.5	38.3
39	46.8	37.3	55.9





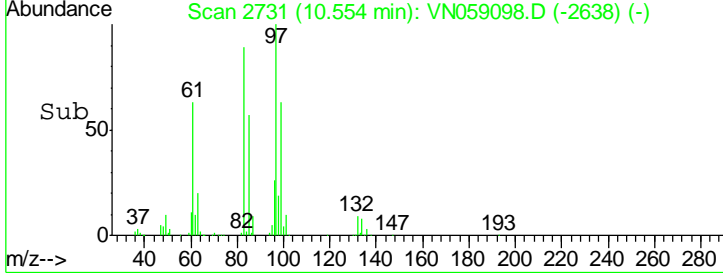
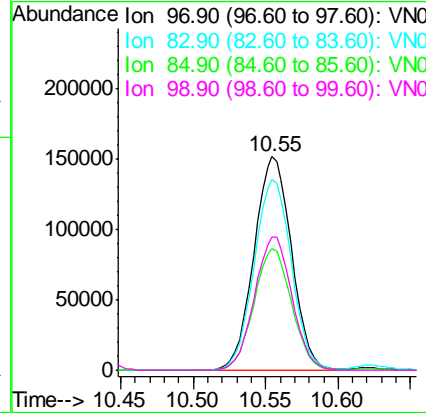
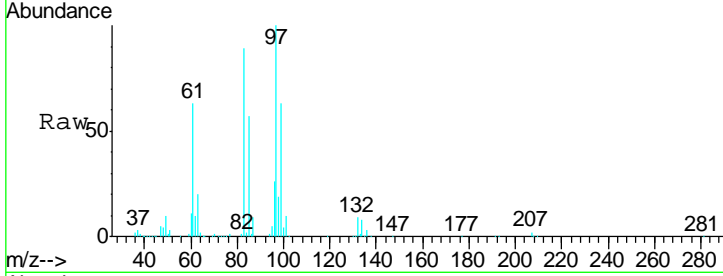
#55  
 1,1,2-Trichloroethane  
 Concen: 47.862 ug/l  
 RT: 10.55 min Scan# 2731  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 ICVVN110619

Tgt Ion	Resp	Lower	Upper
97	100		
83	89.2	71.0	106.4
85	57.1	45.8	68.8
99	62.6	49.4	74.0

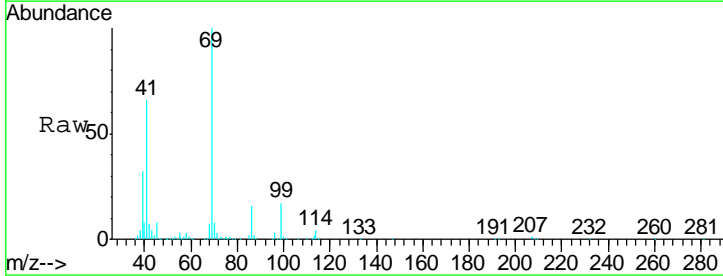
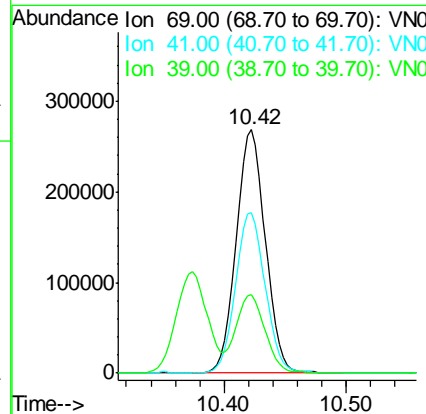
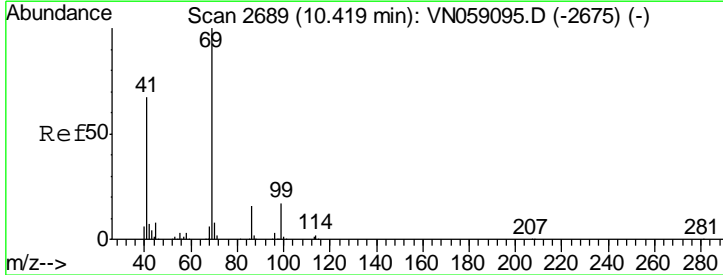
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 11/7/2019 9:16:24 AM

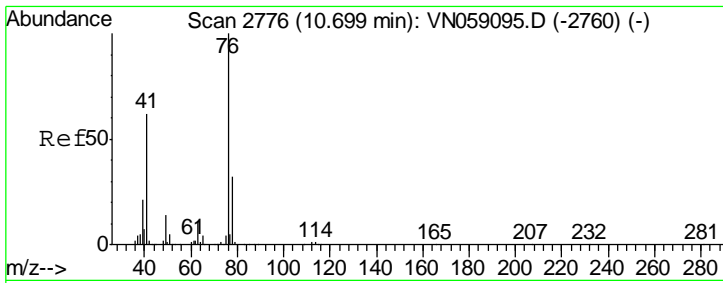


#56  
 Ethyl methacrylate  
 Concen: 47.147 ug/l  
 RT: 10.42 min Scan# 2690  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
69	100		
41	66.0	53.6	80.4
39	31.7	26.2	39.4





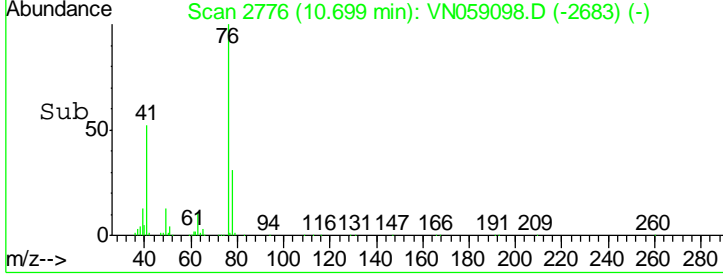
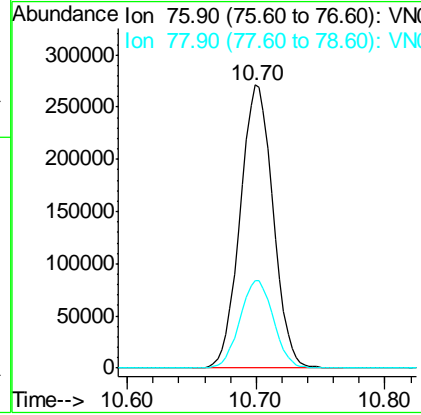
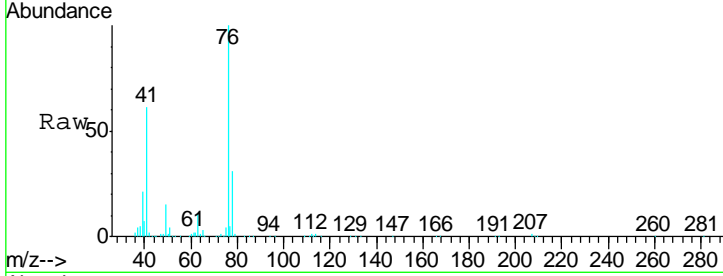


#57  
 1,3-Dichloropropane  
 Concen: 49.087 ug/l  
 RT: 10.70 min Scan# 2776  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

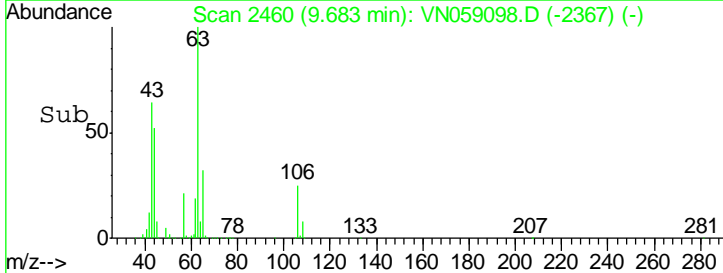
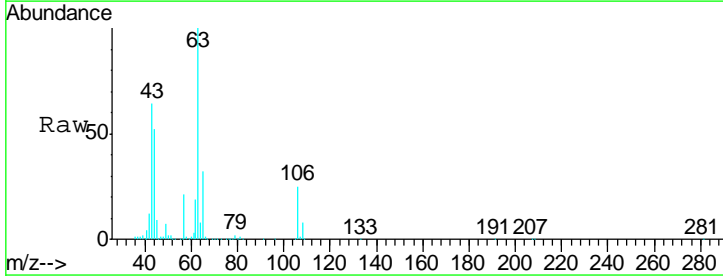
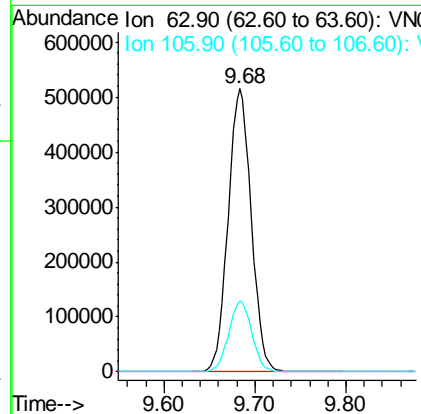
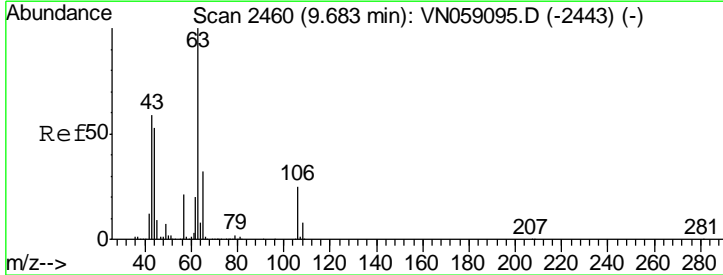
Tgt Ion	Resp	Lower	Upper
76	481645		
76	100		
78	31.7	25.8	38.8

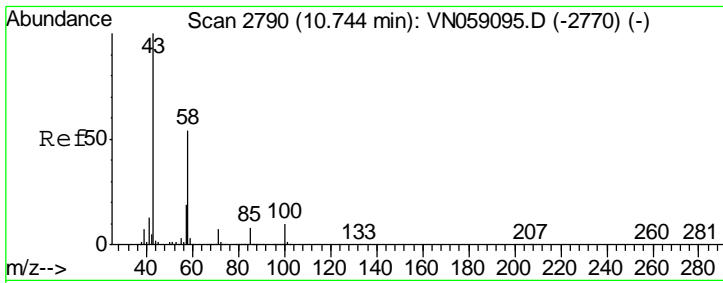
Manual Integrations  
**APPROVED**  
 MMDadoda  
 11/7/2019 9:16:24 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 286.035 ug/l  
 RT: 9.68 min Scan# 2460  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
63	907527		
63	100		
106	25.0	20.2	30.2



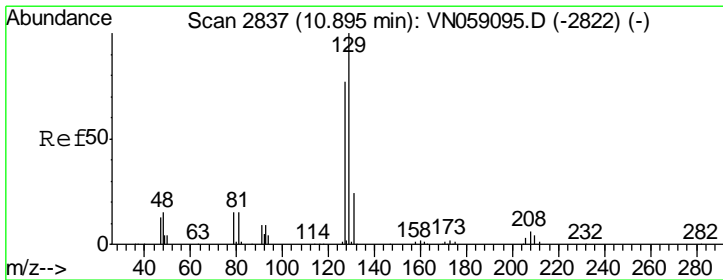
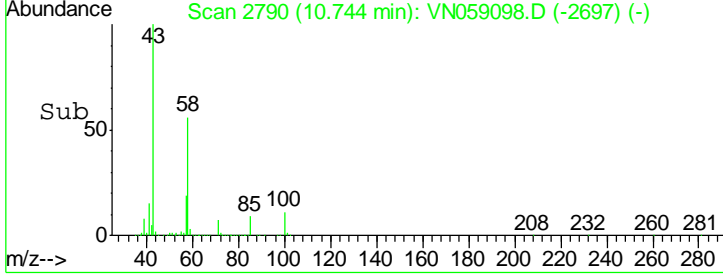
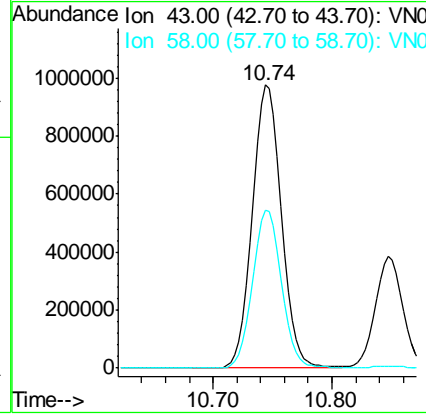
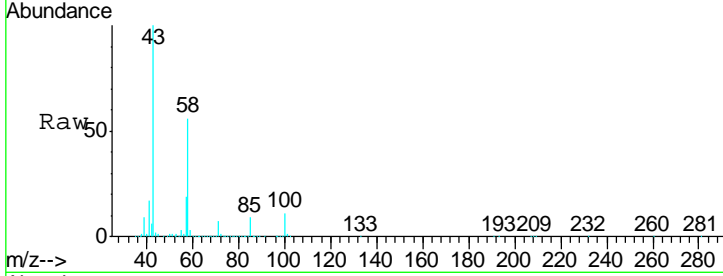


#59  
 2-Hexanone  
 Concen: 274.889 ug/l  
 RT: 10.74 min Scan# 2790  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

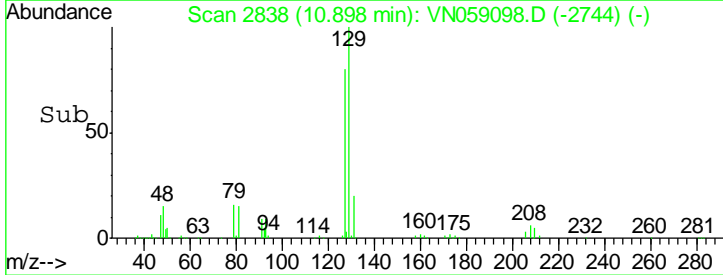
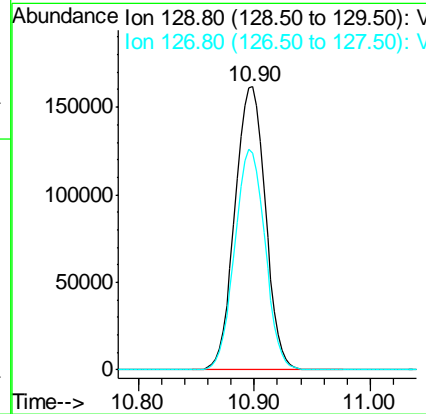
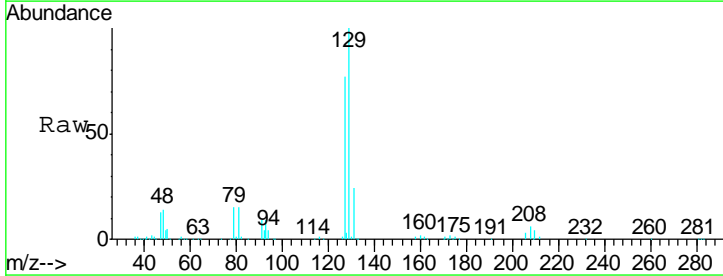
Tgt Ion: 43 Resp: 1652515  
 Ion Ratio Lower Upper  
 43 100  
 58 55.5 27.3 81.8

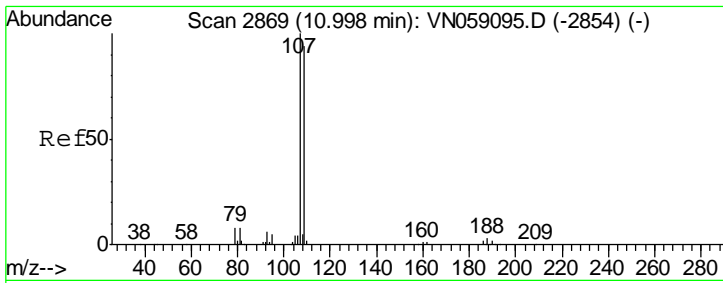
Manual Integrations  
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#60  
 Dibromochloromethane  
 Concen: 49.011 ug/l  
 RT: 10.90 min Scan# 2838  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion: 129 Resp: 295424  
 Ion Ratio Lower Upper  
 129 100  
 127 77.6 38.6 115.8



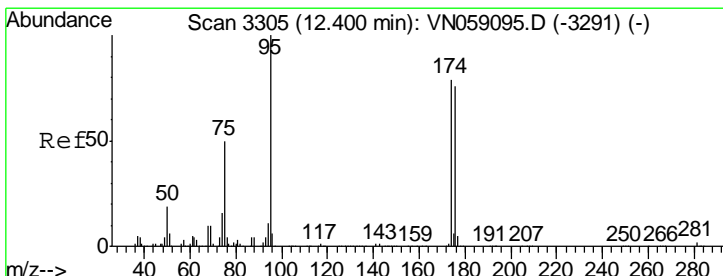
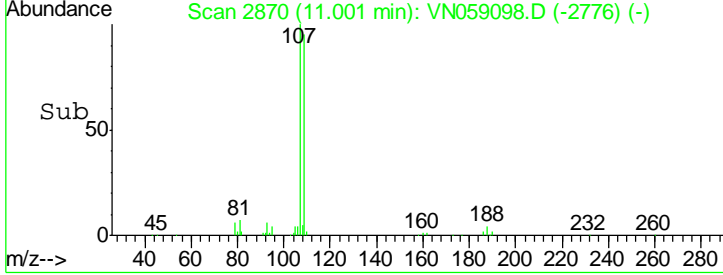
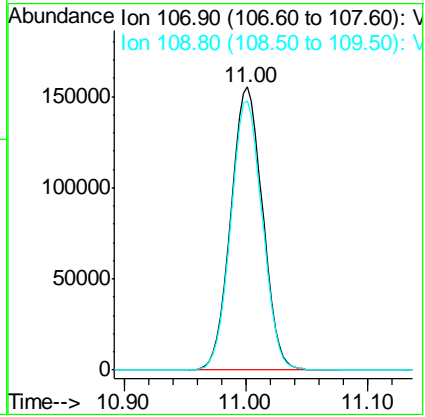
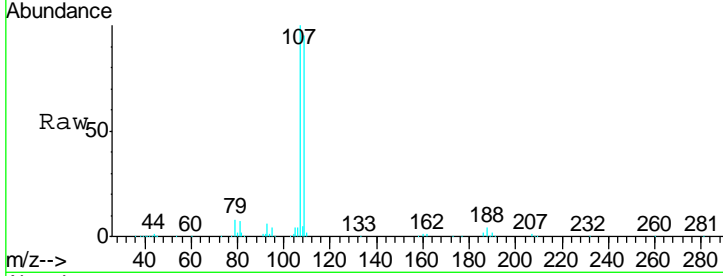


#61  
 1,2-Dibromoethane  
 Concen: 48.611 ug/l  
 RT: 11.00 min Scan# 2870  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

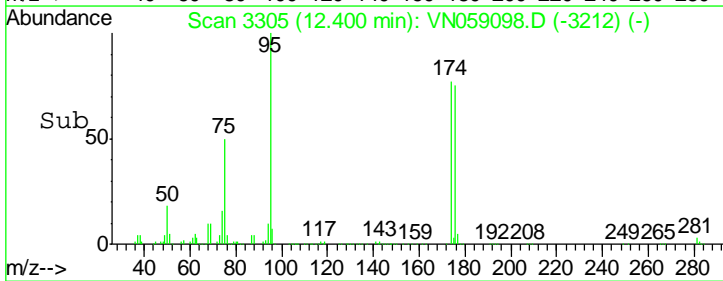
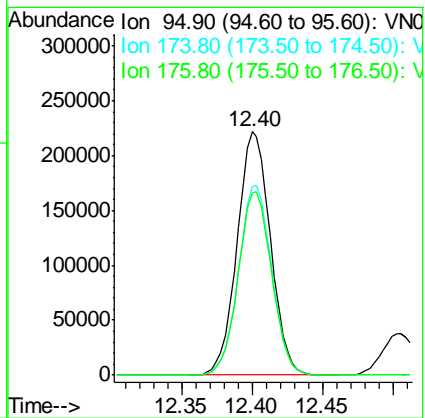
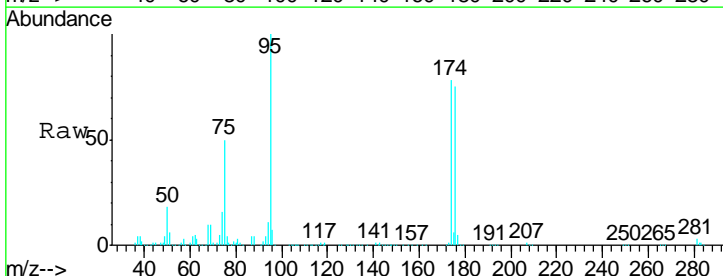
Tgt Ion	Resp	Lower	Upper
107	100		
109	94.9	75.5	113.3

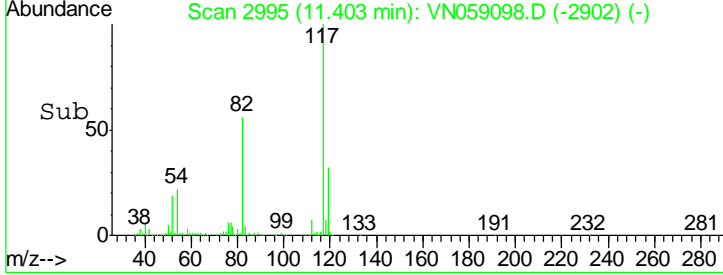
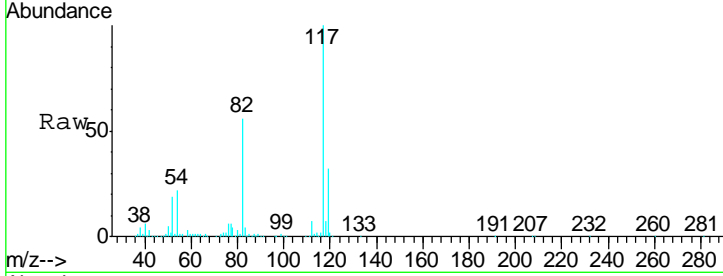
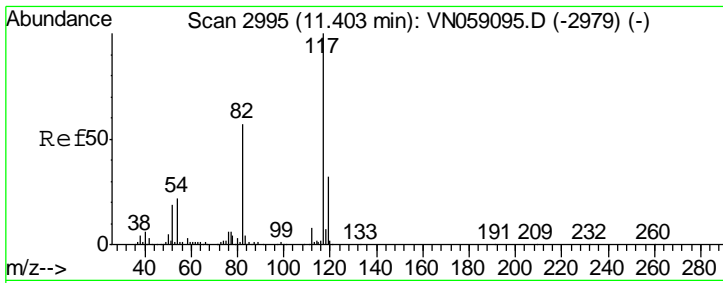
Manual Integrations  
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#62  
 4-Bromofluorobenzene  
 Concen: 51.789 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
95	100		
174	78.1	0.0	158.2
176	75.8	0.0	151.8



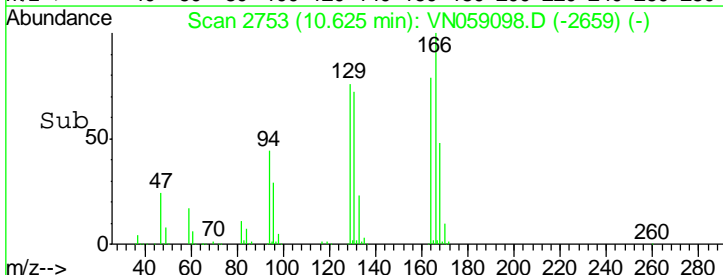
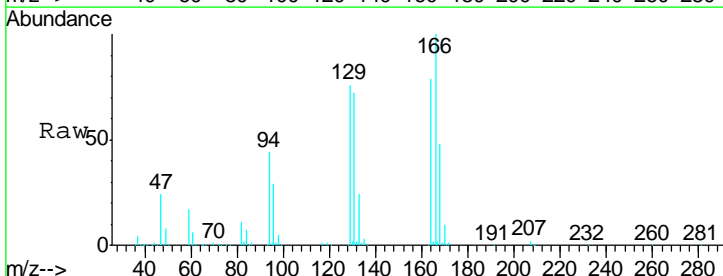
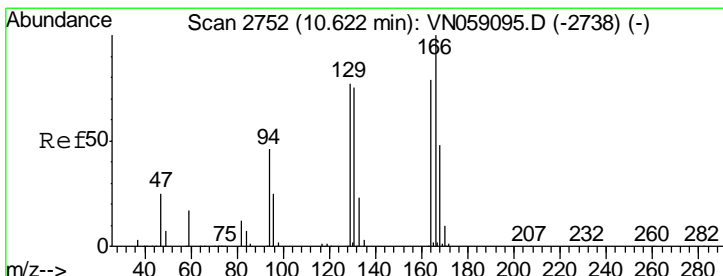
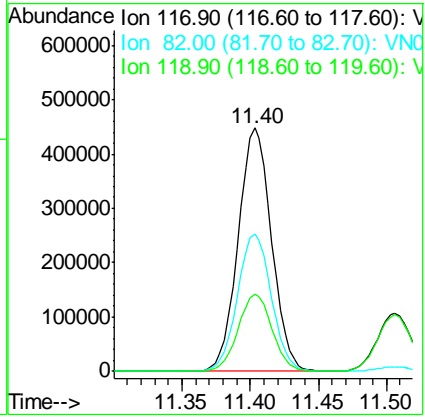


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.40 min Scan# 2995  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
117	100		
82	56.4	45.8	68.8
119	31.7	25.8	38.6

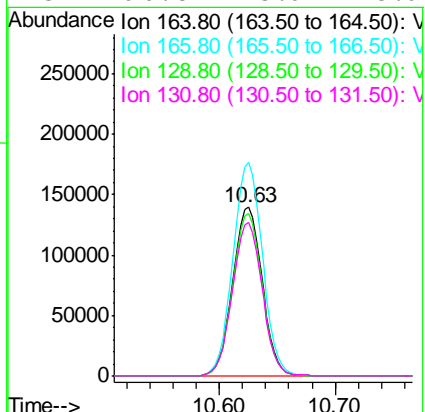
Instrument : MSVOA\_N  
 ClientSampleId : ICVVN110619

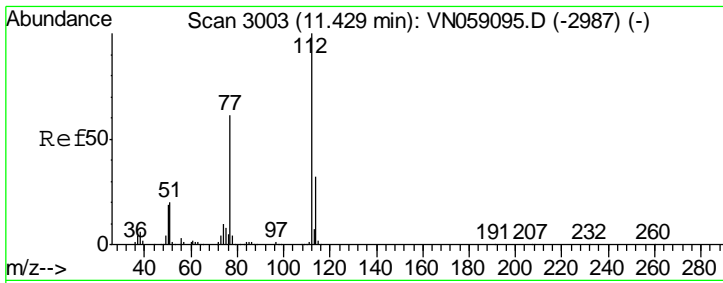
Manual Integrations  
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#64  
 Tetrachloroethene  
 Concen: 47.620 ug/l  
 RT: 10.63 min Scan# 2753  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
164	100		
166	126.7	101.5	152.3
129	96.5	78.3	117.5
131	90.8	75.9	113.9



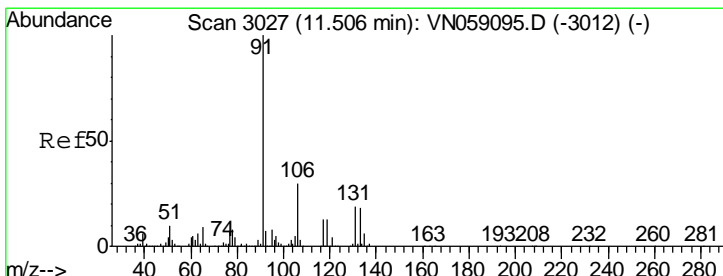
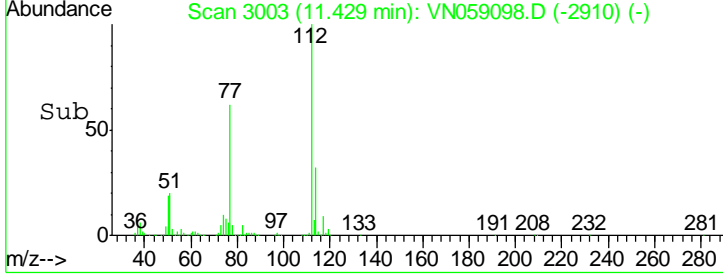
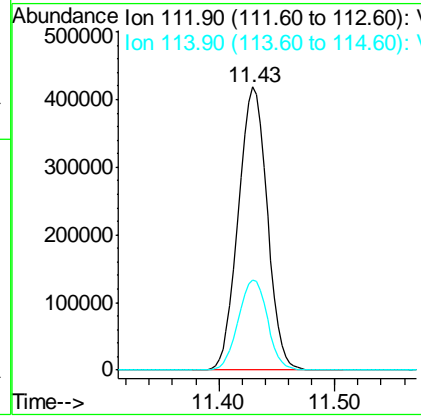
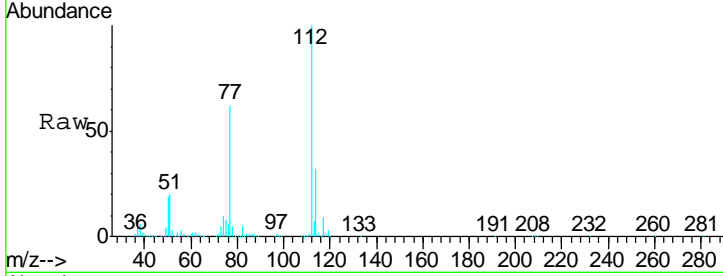


#65  
 Chlorobenzene  
 Concen: 48.742 ug/l  
 RT: 11.43 min Scan# 3003  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

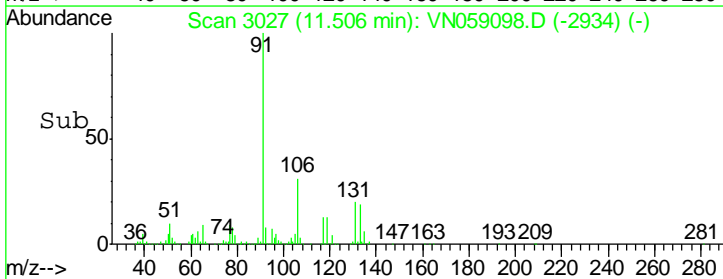
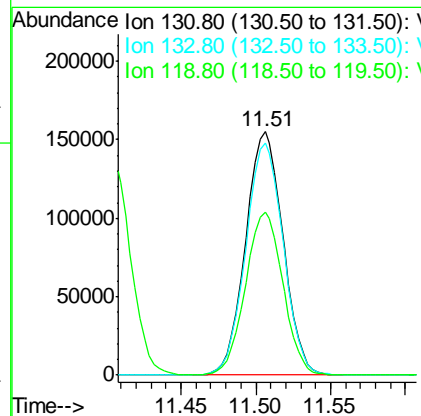
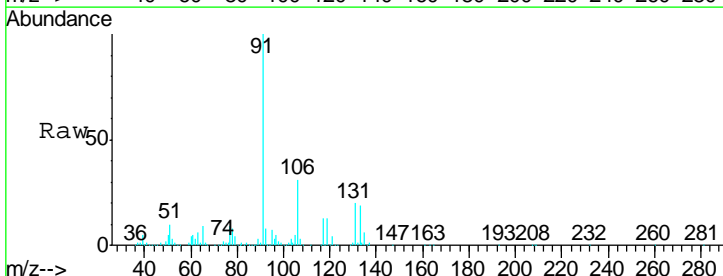
Tgt Ion	Resp	Lower	Upper
112	100		
114	32.0	25.2	37.8

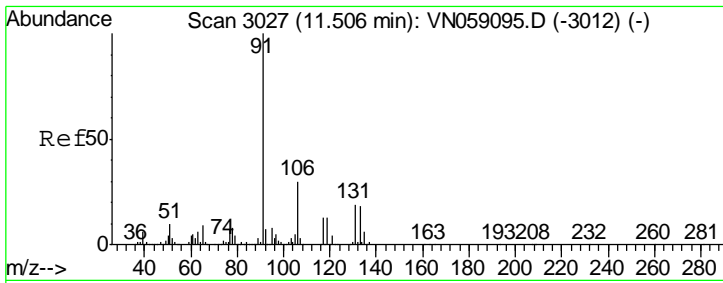
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 48.579 ug/l  
 RT: 11.51 min Scan# 3027  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
131	100		
133	95.7	47.4	142.3
119	67.2	33.2	99.6



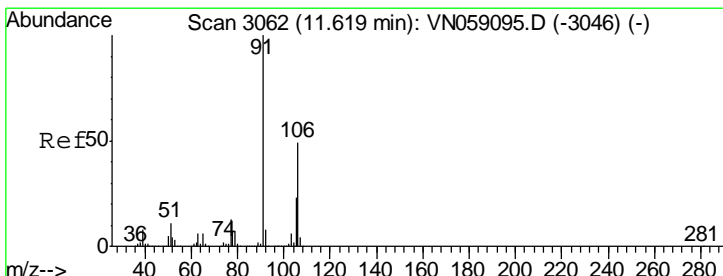
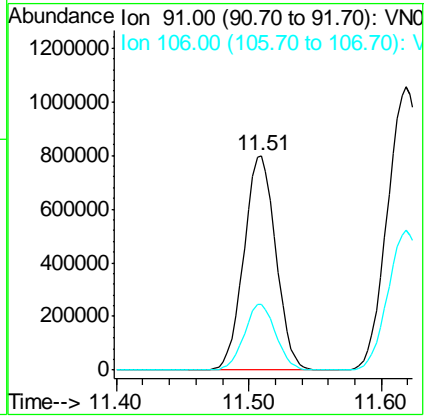
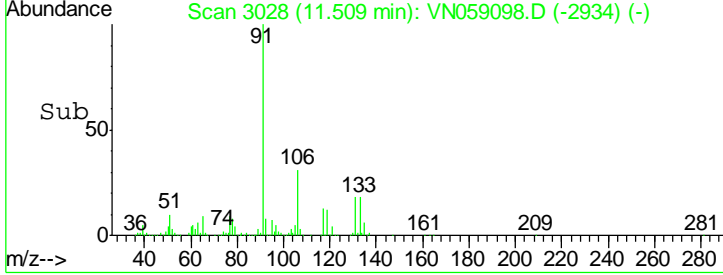
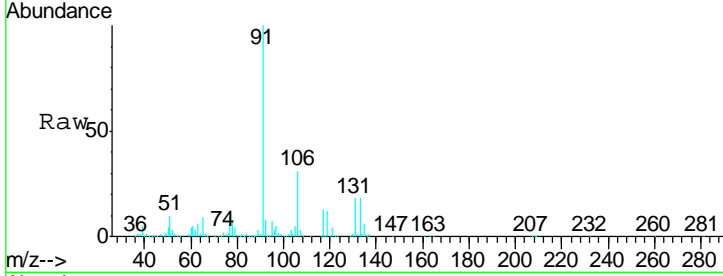


#67  
 Ethyl Benzene  
 Concen: 50.724 ug/l  
 RT: 11.51 min Scan# 3028  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 Client Sampled : ICVVN110619

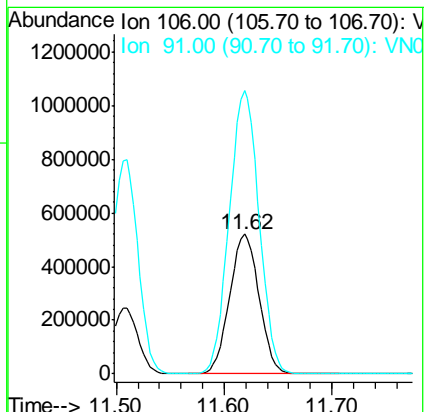
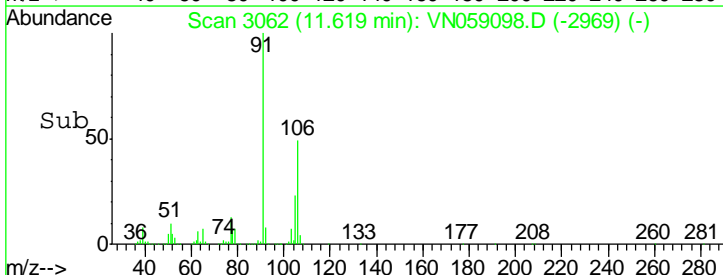
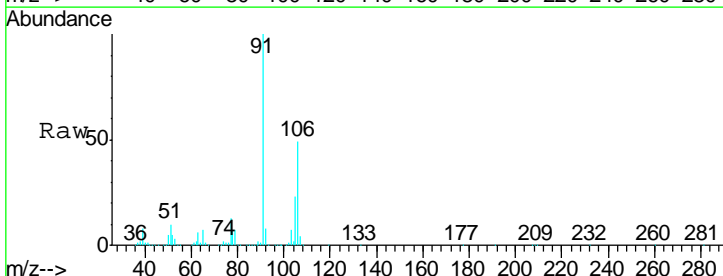
Tgt Ion: 91 Resp: 1333957  
 Ion Ratio Lower Upper  
 91 100  
 106 30.8 24.1 36.1

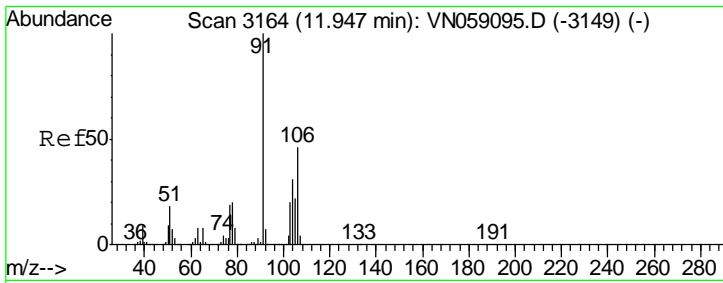
Manual Integrations  
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#68  
 m/p-Xylenes  
 Concen: 100.531 ug/l  
 RT: 11.62 min Scan# 3062  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion: 106 Resp: 990328  
 Ion Ratio Lower Upper  
 106 100  
 91 205.5 164.7 247.1





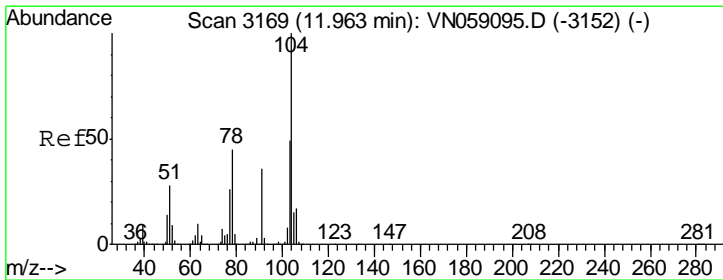
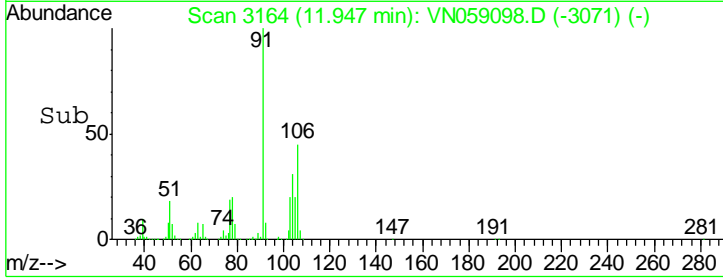
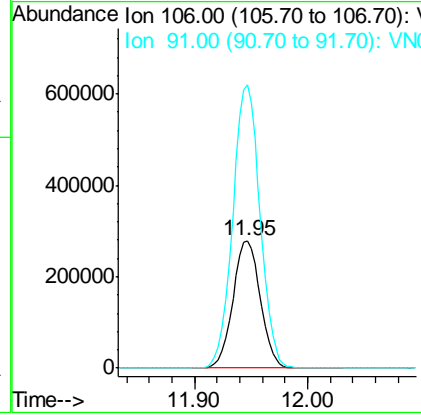
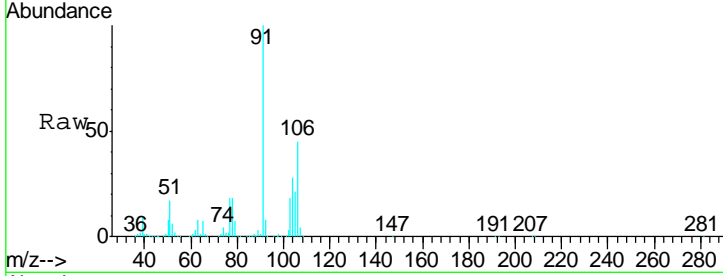
#69  
 o-Xylene  
 Concen: 49.240 ug/l  
 RT: 11.95 min Scan# 3164  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

Tgt Ion	Resp	Lower	Upper
106	468767		
106	100		
91	220.8	110.1	330.3

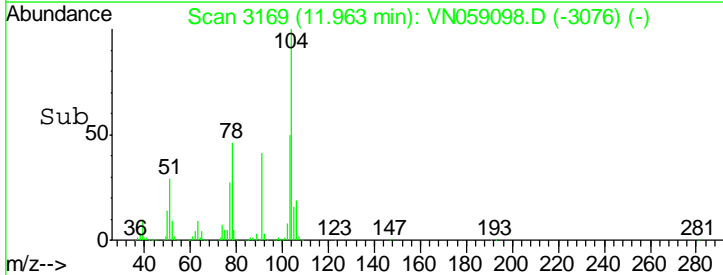
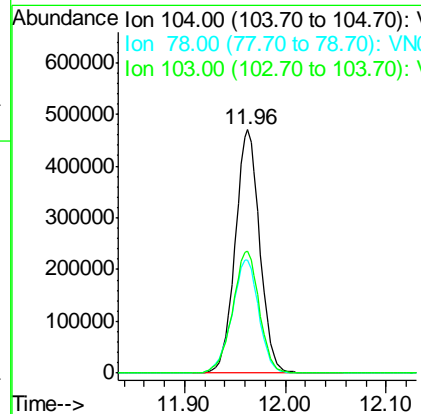
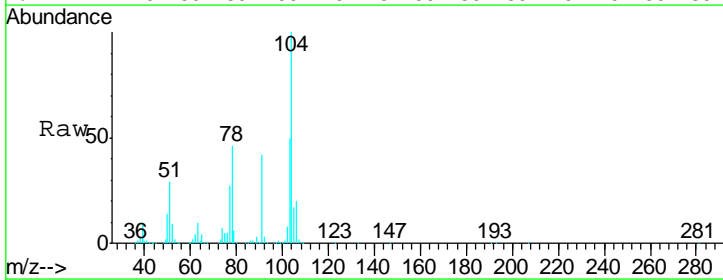
**Manual Integrations**  
**APPROVED**

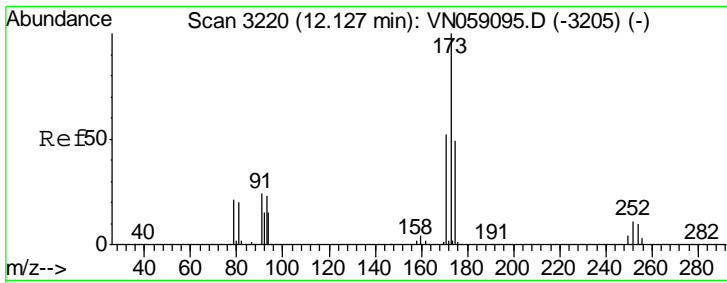
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#70  
 Styrene  
 Concen: 53.048 ug/l  
 RT: 11.96 min Scan# 3169  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
104	794260		
104	100		
78	51.3	41.2	61.8
103	54.5	43.8	65.6





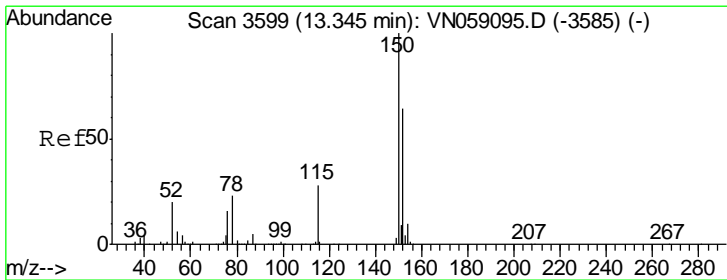
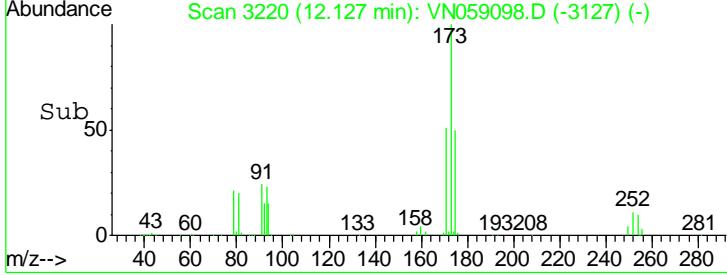
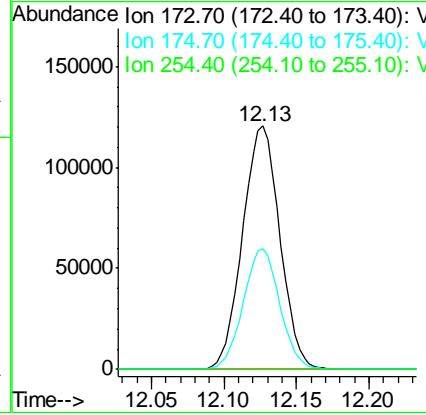
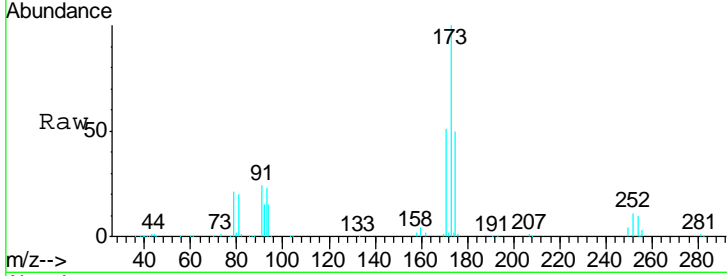
#71  
 Bromoform  
 Concen: 49.932 ug/l  
 RT: 12.13 min Scan# 3220  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619

Tgt Ion	Resp	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.1	0.1	0.1

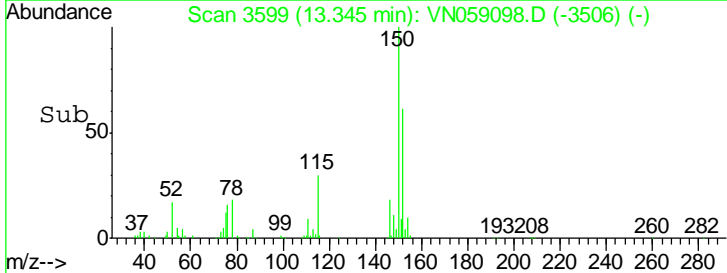
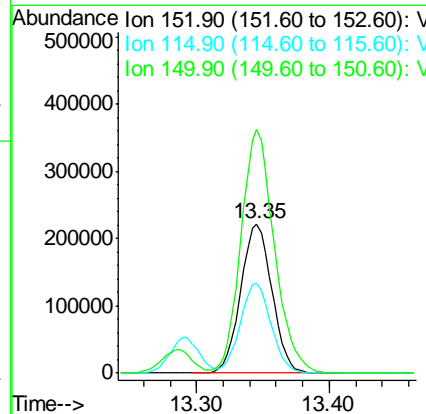
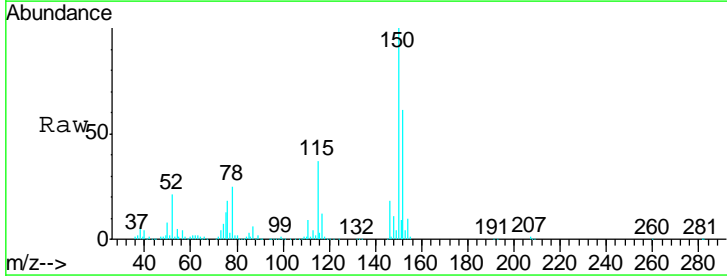
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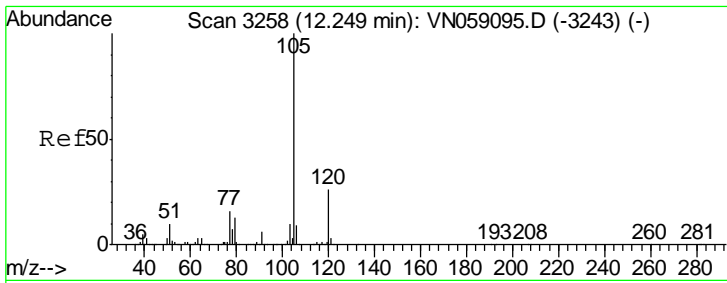


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.35 min Scan# 3599  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
152	100		
115	59.6	29.4	88.2
150	174.8	0.0	345.8







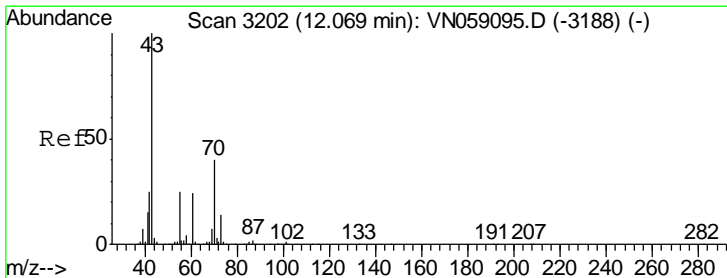
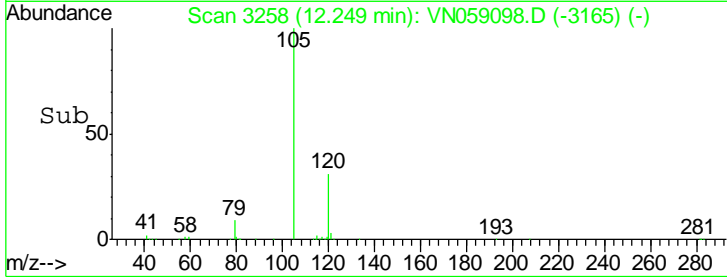
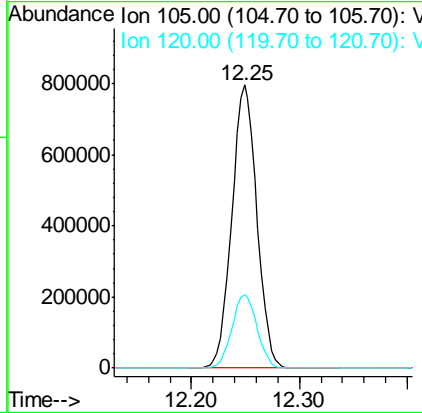
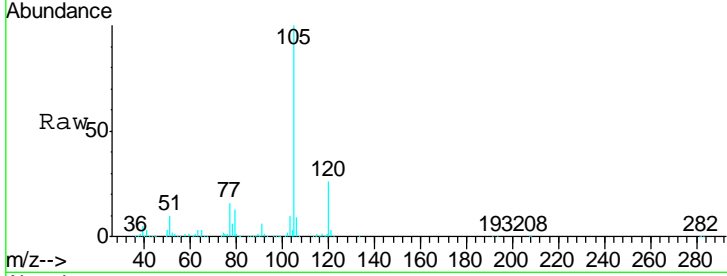
#73  
 Isopropylbenzene  
 Concen: 48.805 ug/l  
 RT: 12.25 min Scan# 3258  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
105	1284801		
120	26.1	13.1	39.3

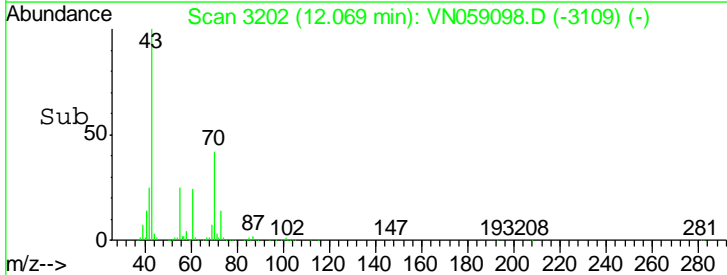
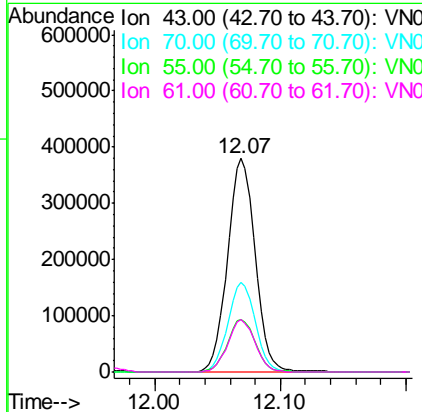
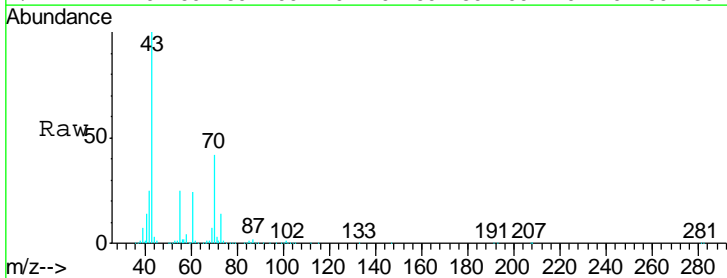
Manual Integrations  
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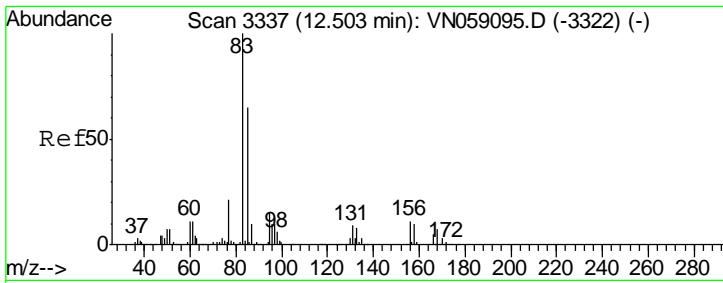
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 11/7/2019 9:16:24 AM



#74  
 N-amyl acetate  
 Concen: 51.892 ug/l  
 RT: 12.07 min Scan# 3202  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
43	578856		
70	42.0	32.2	48.4
55	25.2	20.4	30.6
61	24.3	19.3	28.9





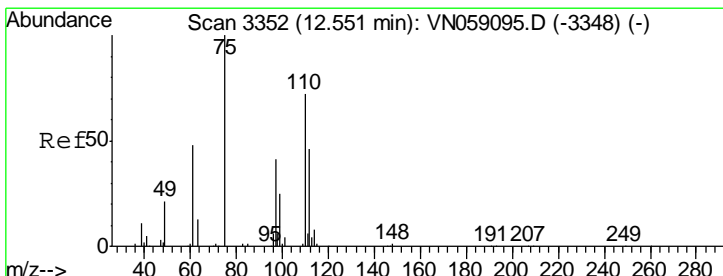
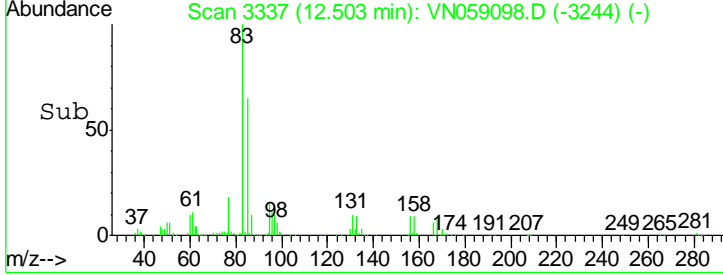
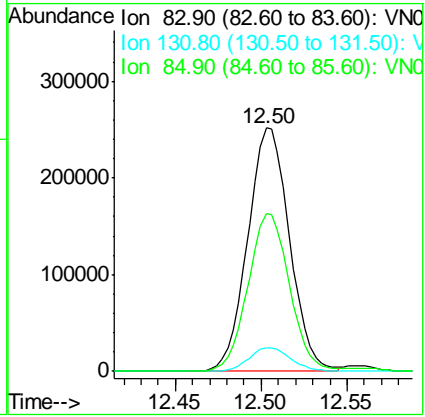
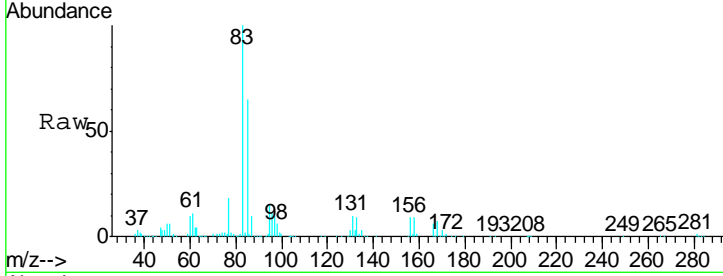
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 47.315 ug/l  
 RT: 12.50 min Scan# 3337  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
83	100		
131	9.8	4.9	14.6
85	64.3	32.4	97.2

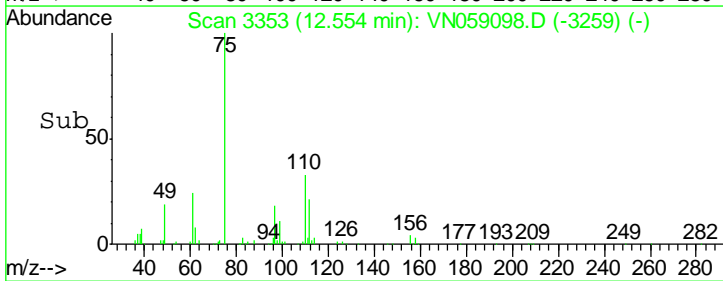
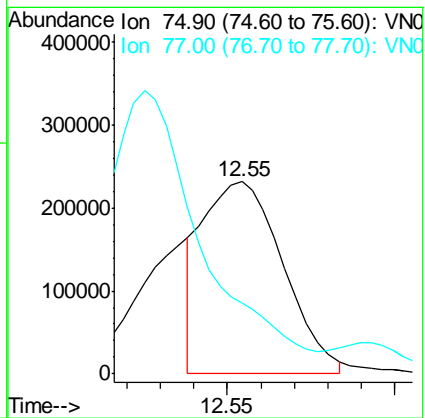
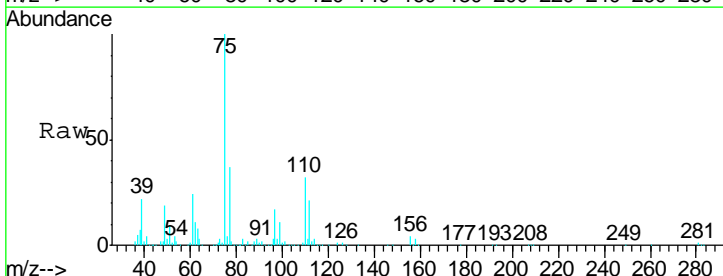
Manual Integrations  
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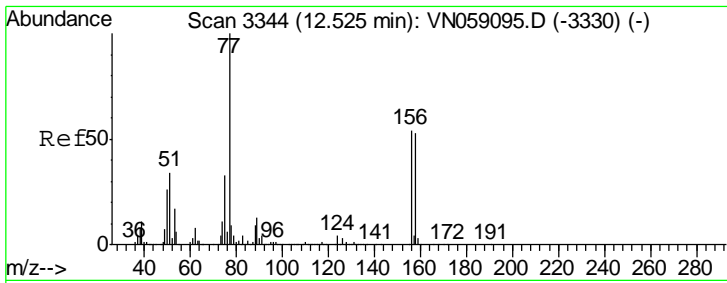
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#76  
 1,2,3-Trichloropropane  
 Concen: 46.526 ug/l m  
 RT: 12.55 min Scan# 3353  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.0	0.0	0.0





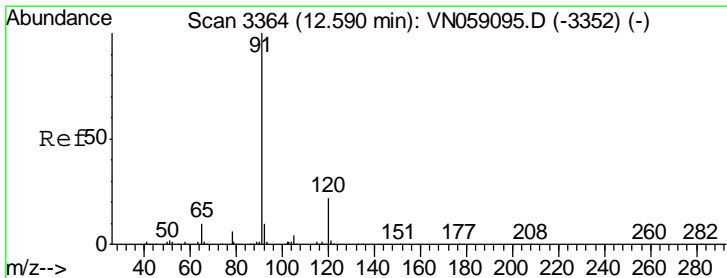
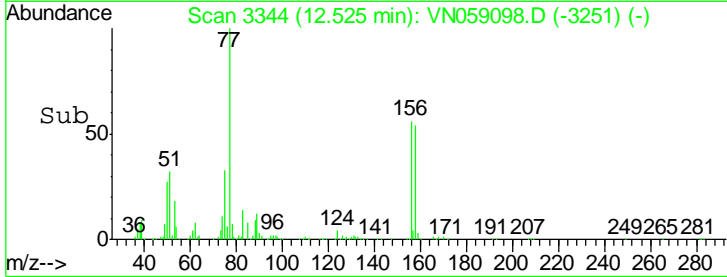
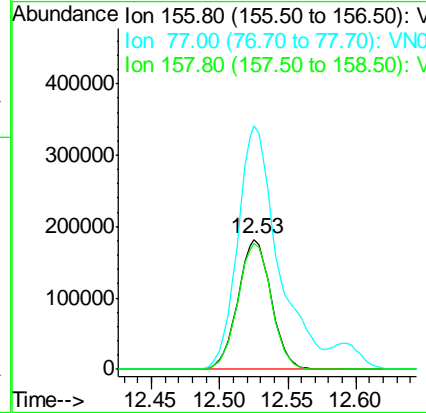
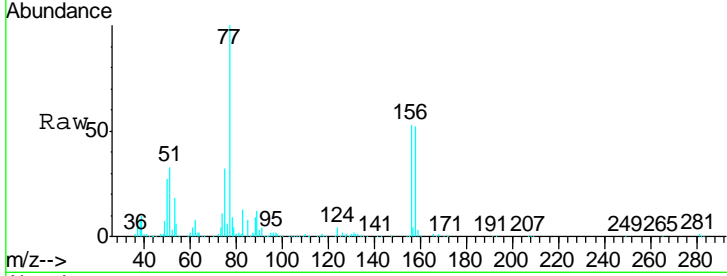
#77  
 Bromobenzene  
 Concen: 46.324 ug/l  
 RT: 12.53 min Scan# 3344  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
156	306393		
77	228.8	112.8	338.3
158	98.1	48.4	145.3

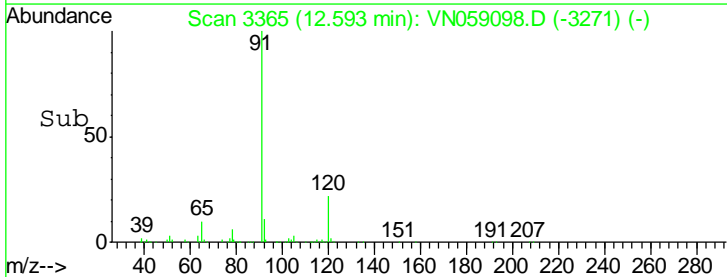
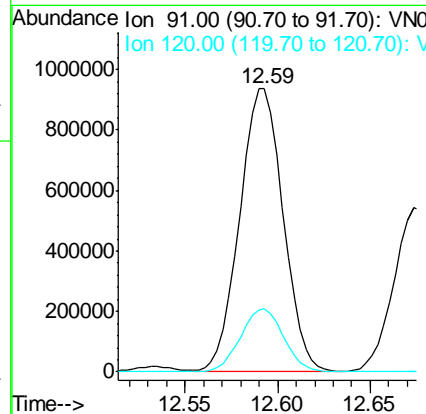
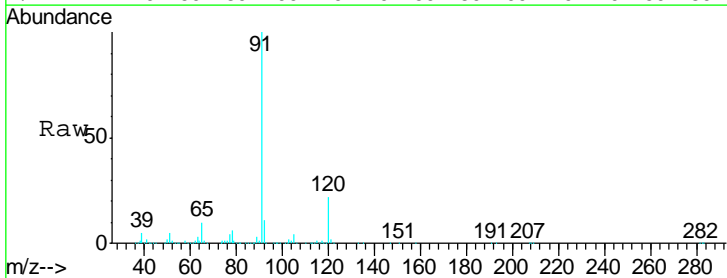
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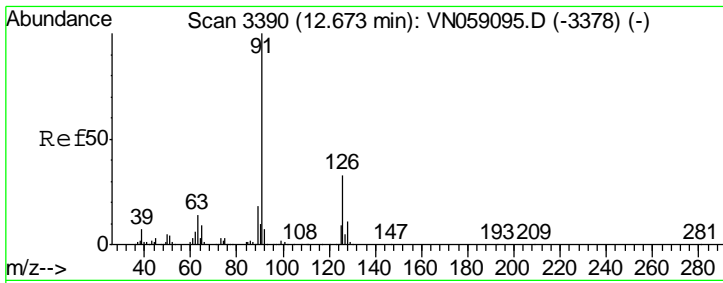
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#78  
 n-propylbenzene  
 Concen: 50.611 ug/l  
 RT: 12.59 min Scan# 3365  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
91	1525541		
120	22.1	11.2	33.5



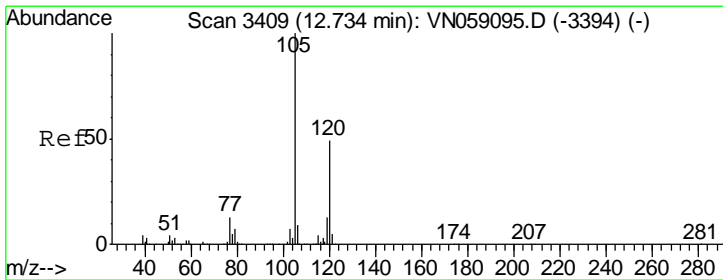
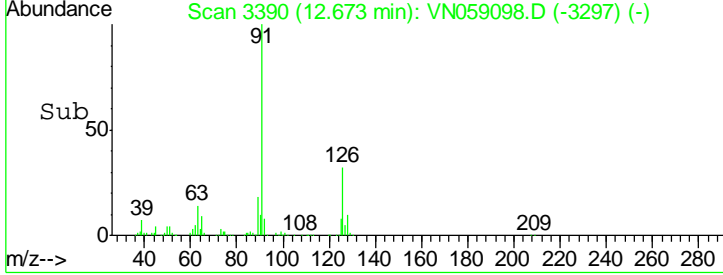
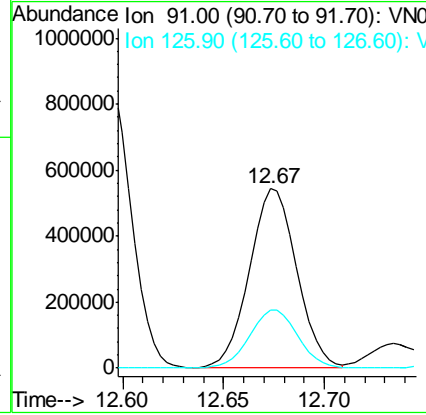
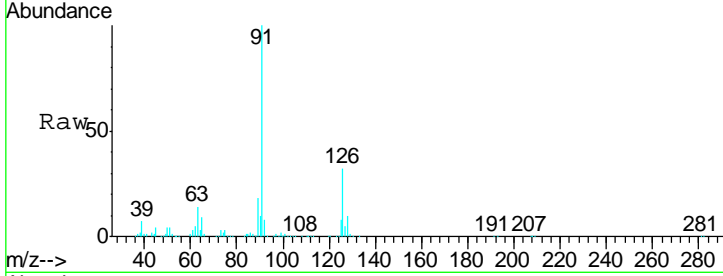


#79  
 2-Chlorotoluene  
 Concen: 47.807 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

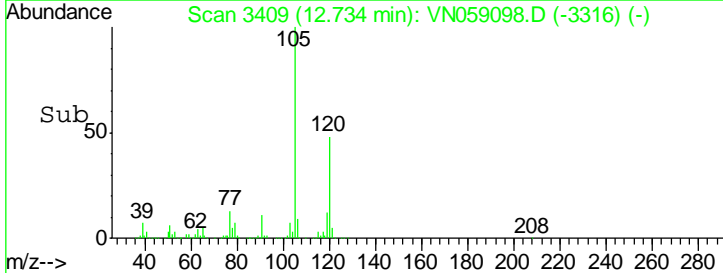
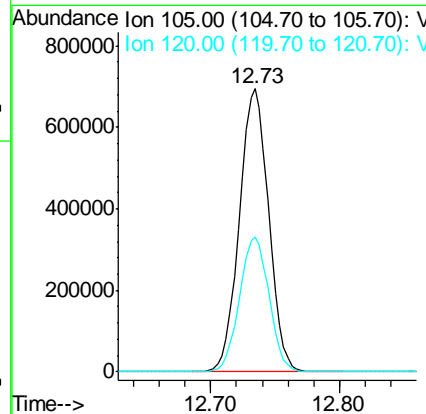
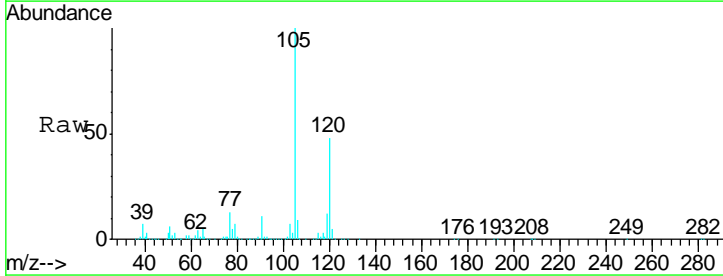
Tgt Ion	Resp	Lower	Upper
91	100		
126	33.0	16.7	50.1

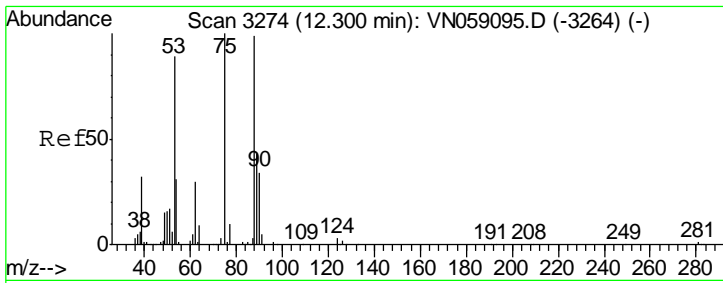
Manual Integrations  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.971 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
105	100		
120	48.2	24.0	72.0





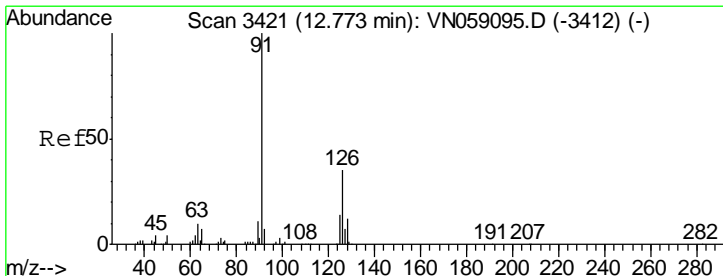
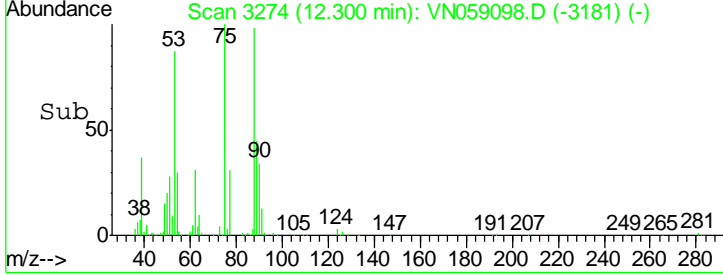
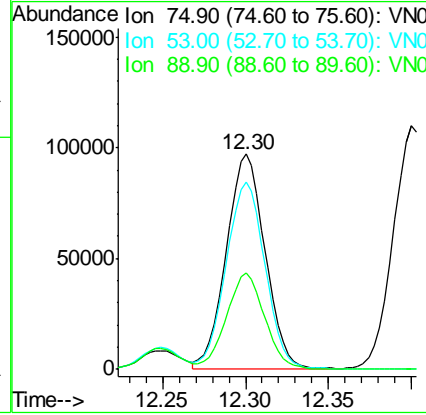
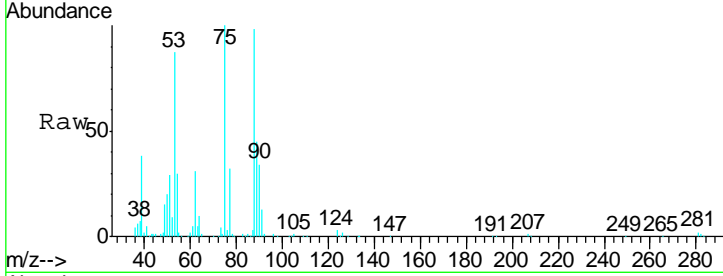
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 50.688 ug/l  
 RT: 12.30 min Scan# 3274  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
75	158122		
75	100		
53	87.9	72.2	108.2
89	43.8	35.8	53.8

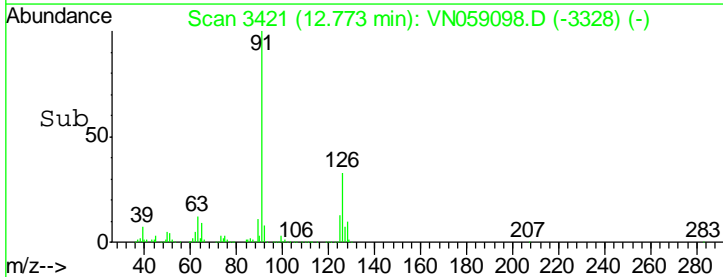
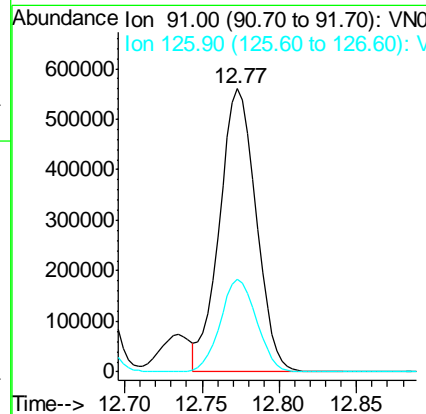
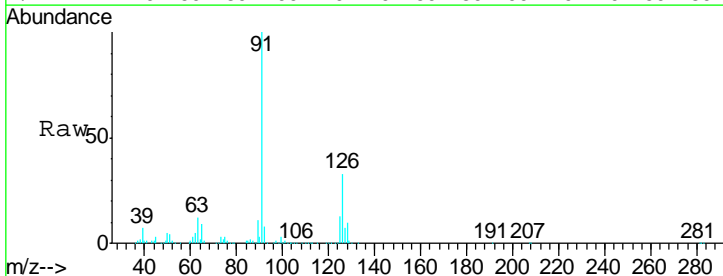
Manual Integrations  
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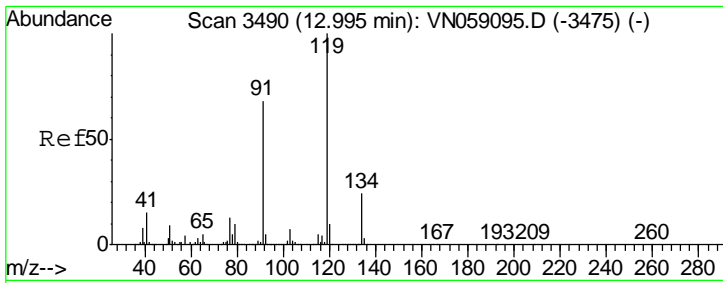
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#82  
 4-Chlorotoluene  
 Concen: 49.041 ug/l  
 RT: 12.77 min Scan# 3421  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

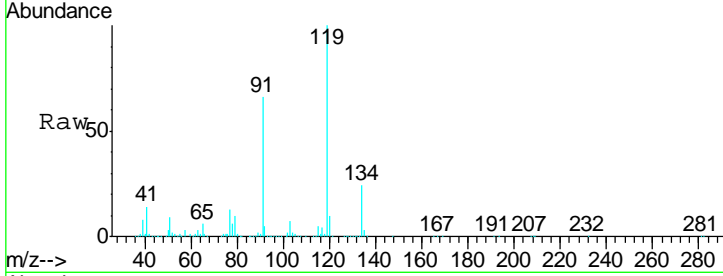
Tgt Ion	Resp	Lower	Upper
91	919756		
91	100		
126	32.5	16.1	48.2





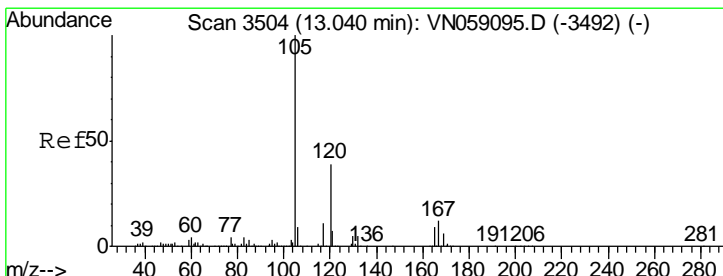
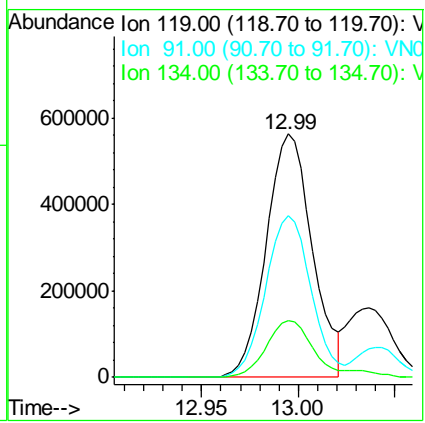
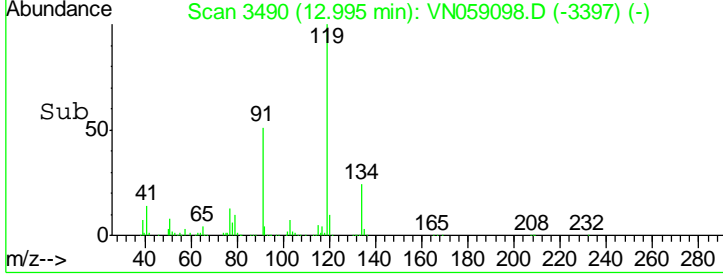
#83  
 tert-Butylbenzene  
 Concen: 48.710 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

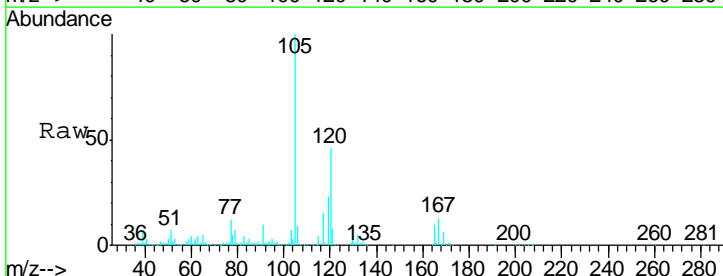


Tgt Ion	Resp	Lower	Upper
119	938336		
91	65.6	33.2	99.6
134	25.1	12.7	38.1

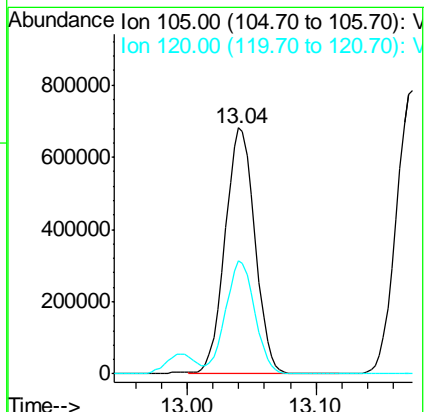
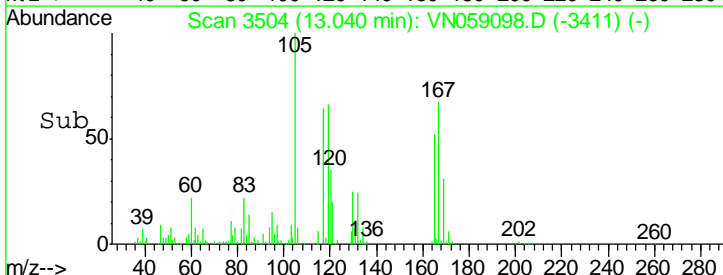
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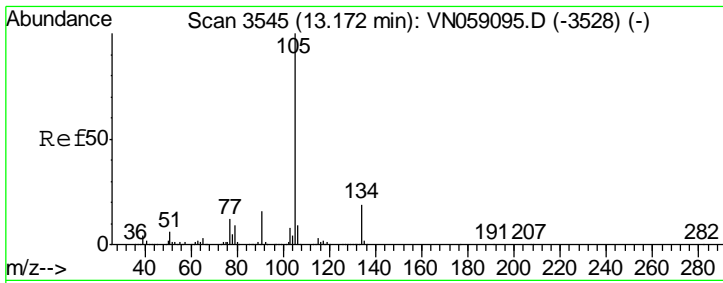


#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.347 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29



Tgt Ion	Resp	Lower	Upper
105	1086579		
120	45.0	22.8	68.4





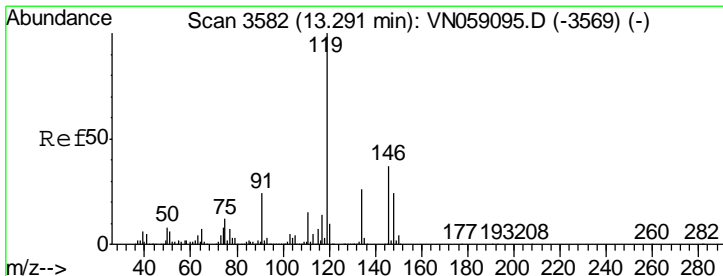
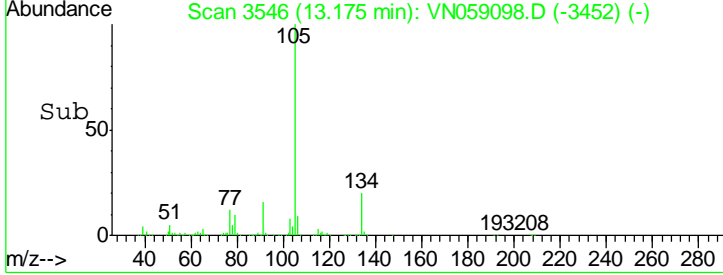
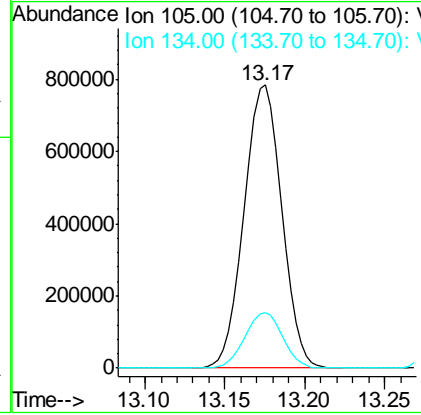
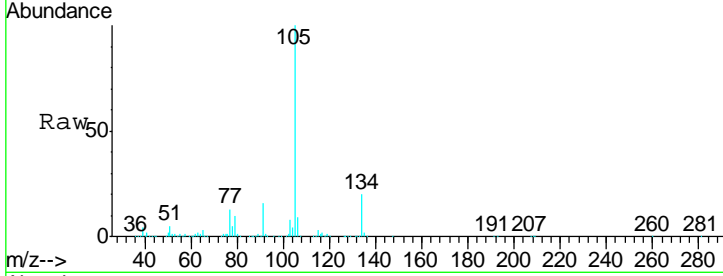
#85  
 sec-Butylbenzene  
 Concen: 50.093 ug/l  
 RT: 13.17 min Scan# 3546  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 ICVVN110619

Tgt Ion:105 Resp: 1255004

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	29.1

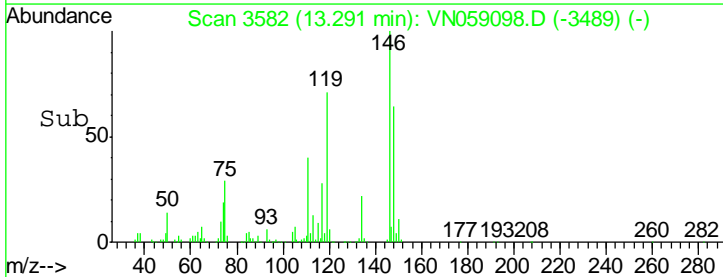
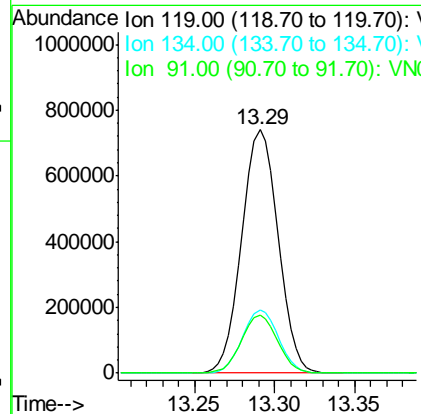
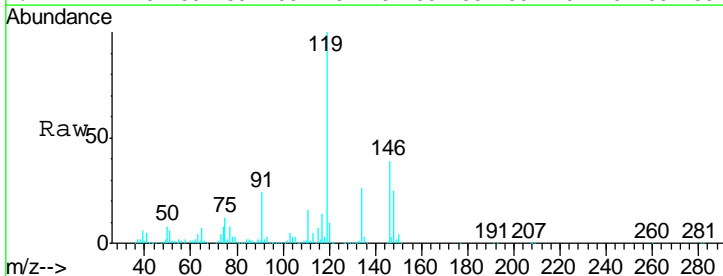
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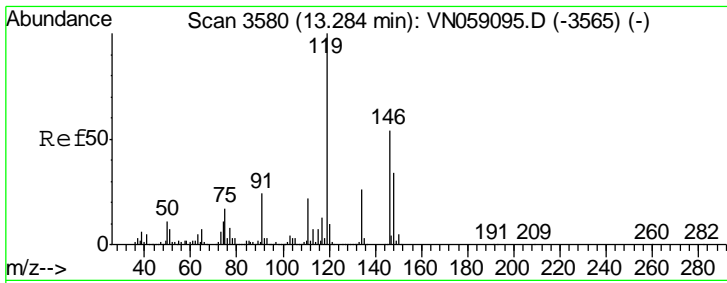


#86  
 p-Isopropyltoluene  
 Concen: 51.684 ug/l  
 RT: 13.29 min Scan# 3582  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion:119 Resp: 1143328

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	23.4	11.7	35.1





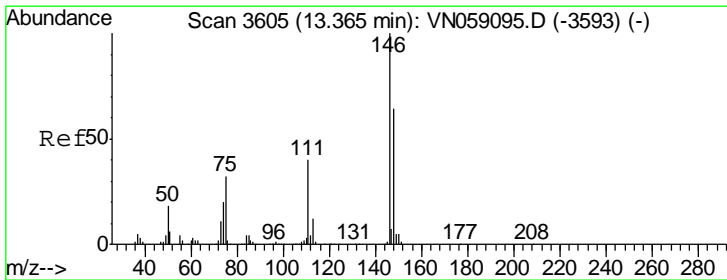
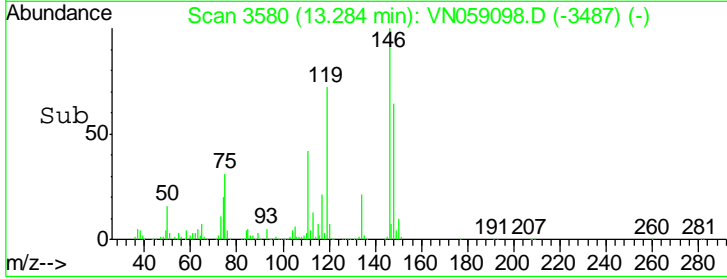
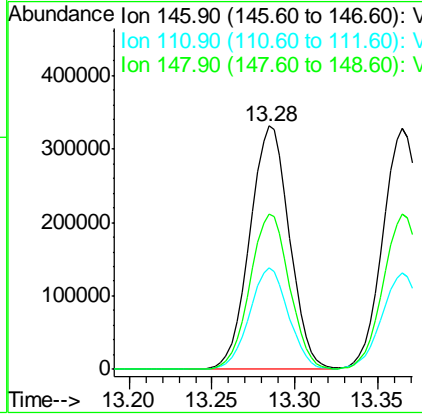
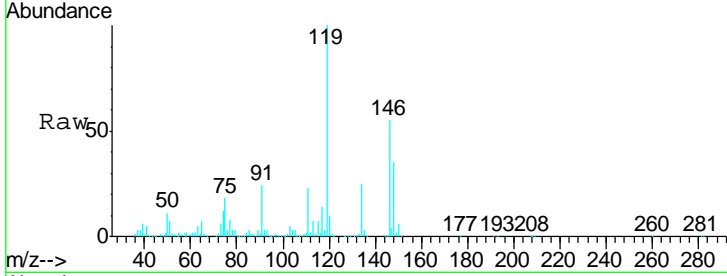
#87  
 1,3-Dichlorobenzene  
 Concen: 48.500 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
146	549310		
111	41.0	20.4	61.3
148	63.9	32.2	96.6

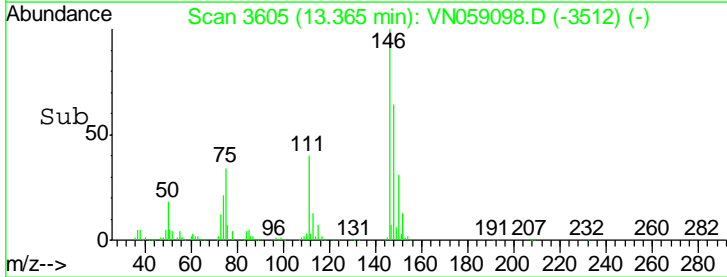
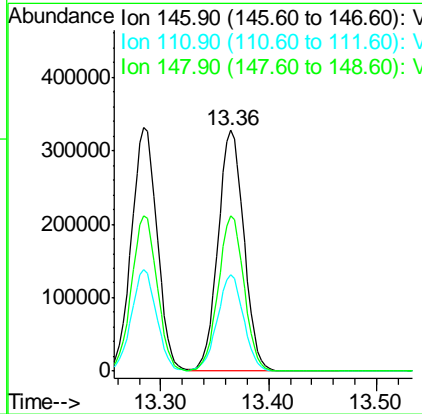
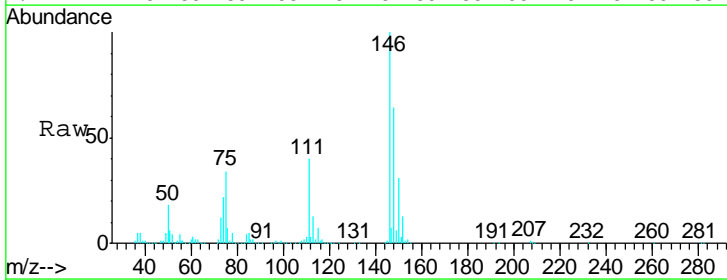
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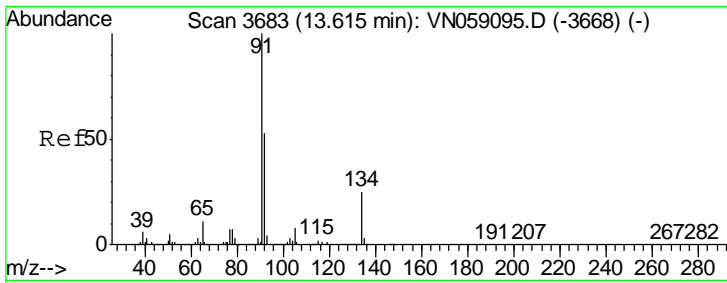


#88  
 1,4-Dichlorobenzene  
 Concen: 48.236 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
146	546613		
111	40.3	20.3	60.9
148	64.0	31.9	95.7







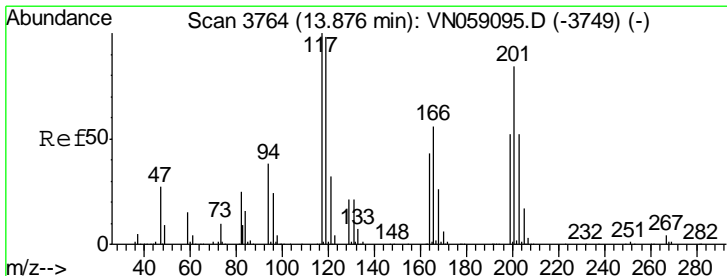
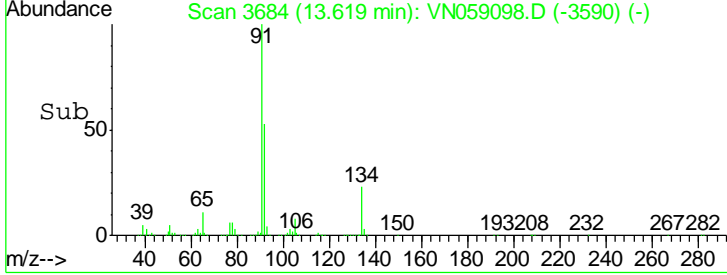
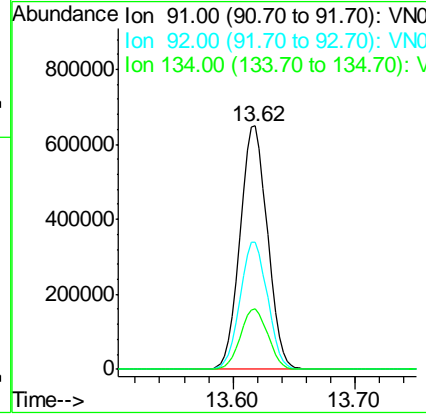
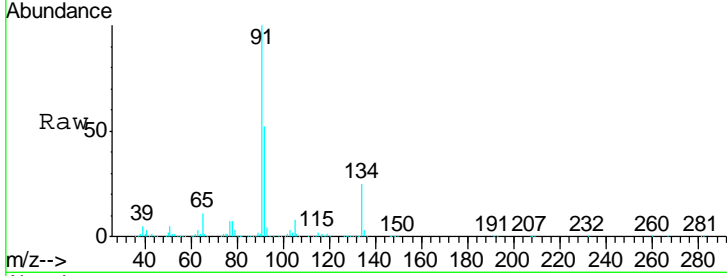
#89  
 n-Butylbenzene  
 Concen: 52.014 ug/l  
 RT: 13.62 min Scan# 3684  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 Client Sampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
91	100		
92	52.6	26.1	78.3
134	24.9	12.6	37.8

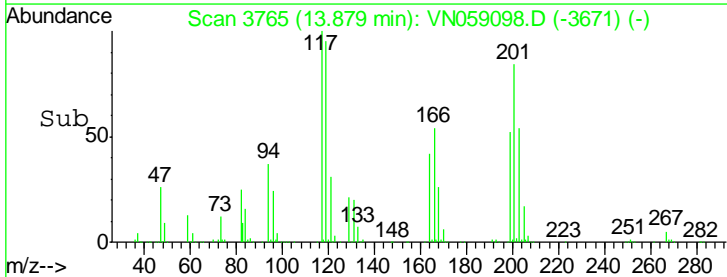
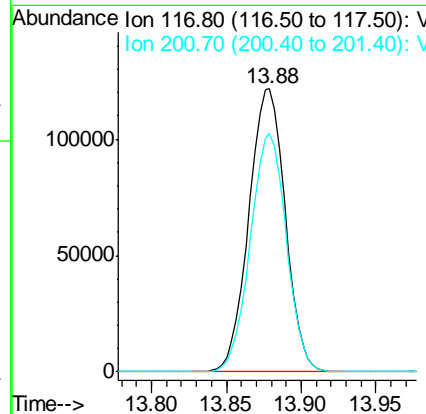
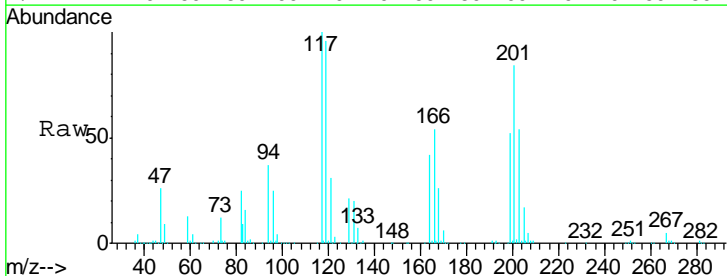
Manual Integrations  
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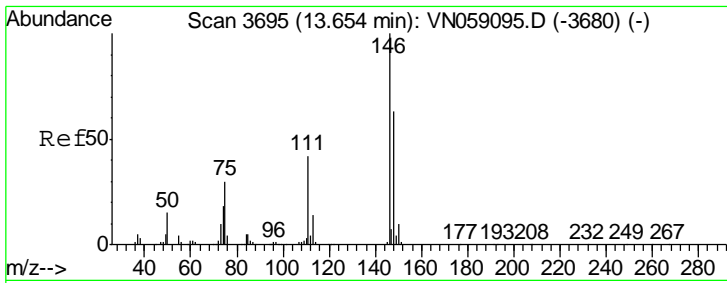
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#90  
 Hexachloroethane  
 Concen: 46.482 ug/l  
 RT: 13.88 min Scan# 3765  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
117	100		
201	83.3	41.8	125.3





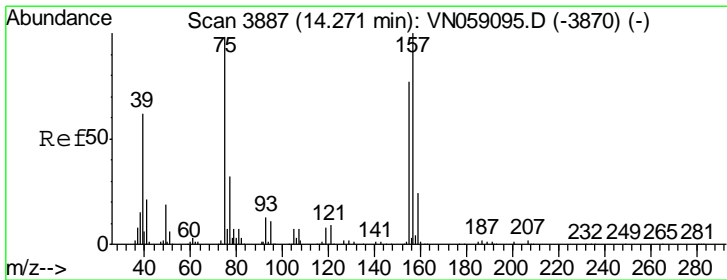
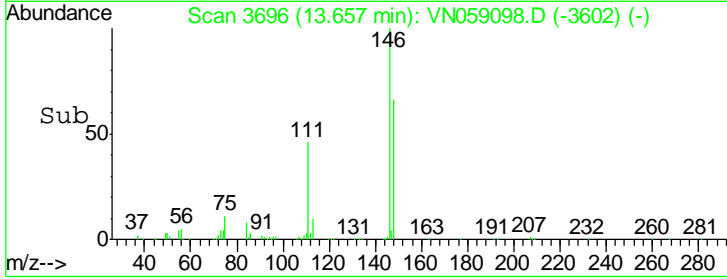
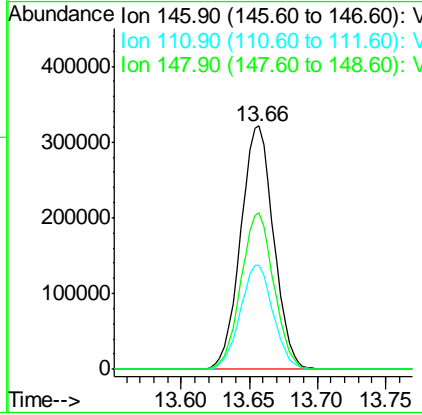
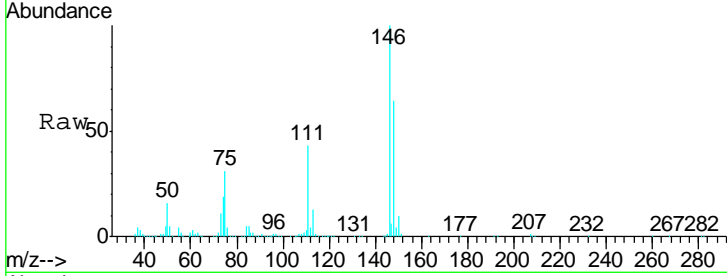
#91  
 1,2-Dichlorobenzene  
 Concen: 48.429 ug/l  
 RT: 13.66 min Scan# 3696  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 ClientSampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	64.0	31.6	94.7

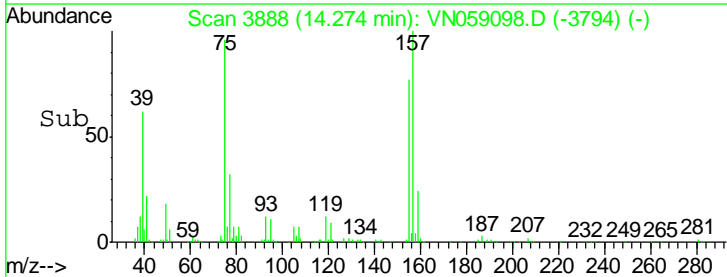
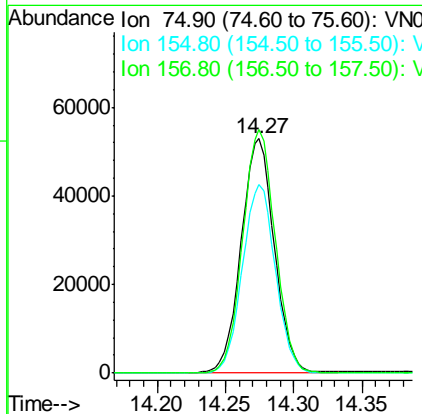
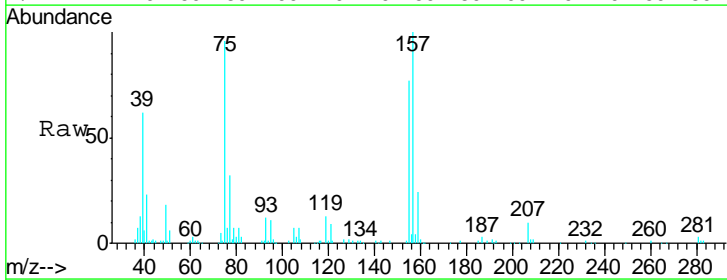
Manual Integrations  
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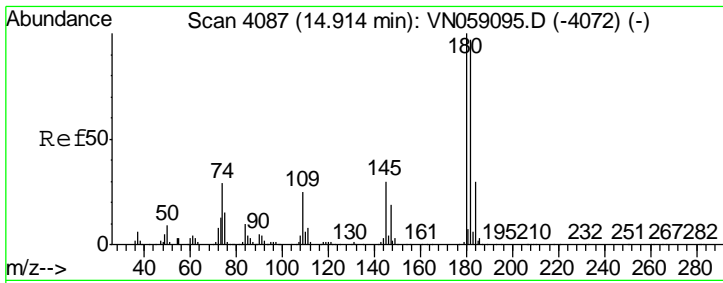
MMDadoda  
 11/7/2019 9:16:24 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.514 ug/l  
 RT: 14.27 min Scan# 3888  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

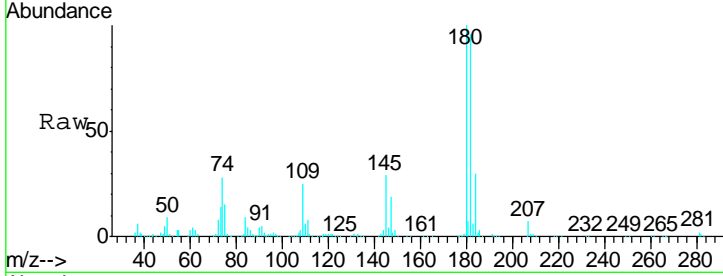
Tgt Ion	Resp	Lower	Upper
75	100		
155	80.4	40.2	120.6
157	102.6	51.8	155.5





#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.296 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

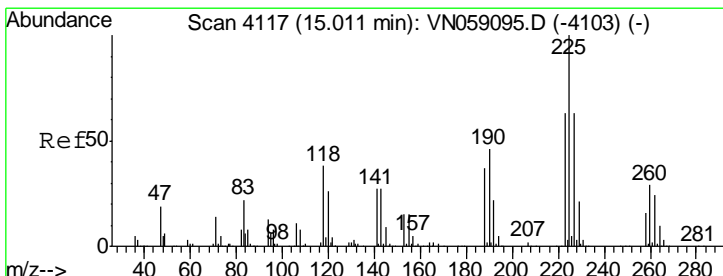
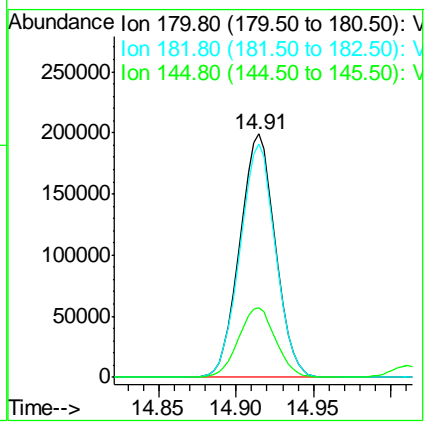
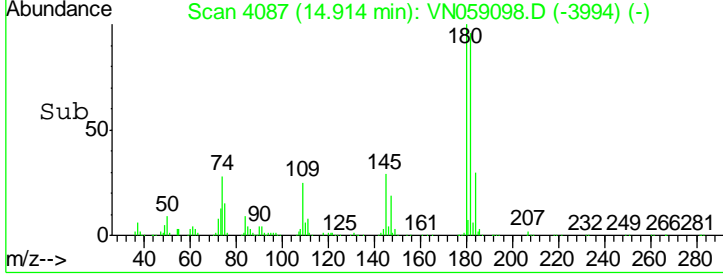
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 ICVVN110619



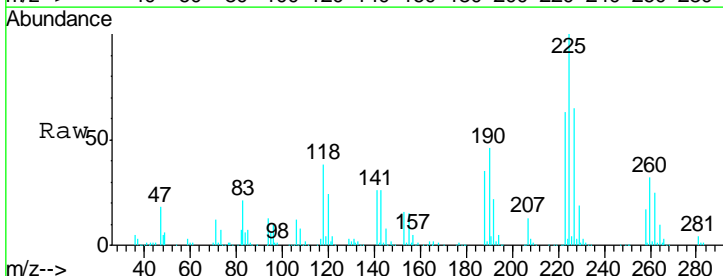
Tgt Ion: 180 Resp: 318520

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.3
145	29.7	15.1	45.3

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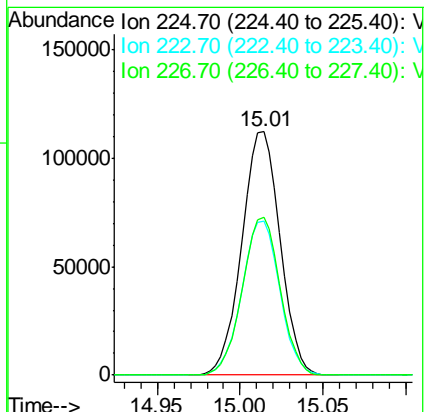
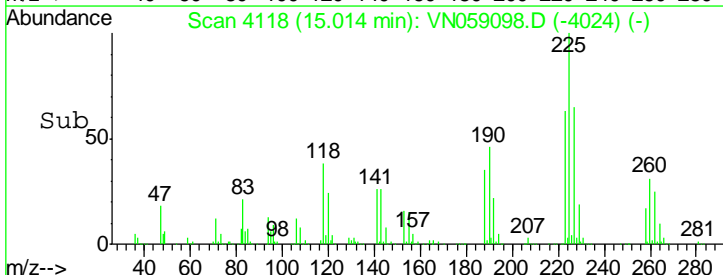


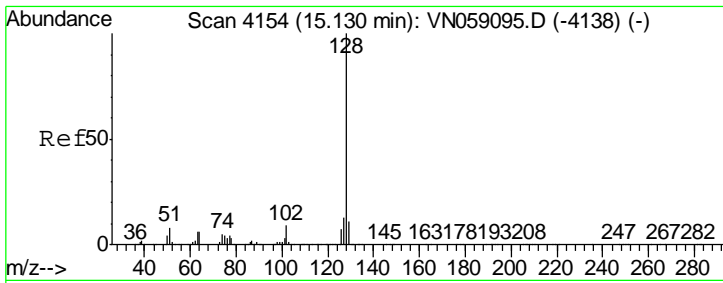
#94  
 Hexachlorobutadiene  
 Concen: 46.994 ug/l  
 RT: 15.01 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29



Tgt Ion: 225 Resp: 180533

Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.3	93.9
227	64.0	31.5	94.5





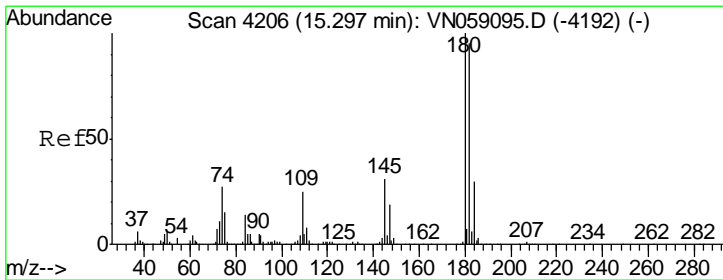
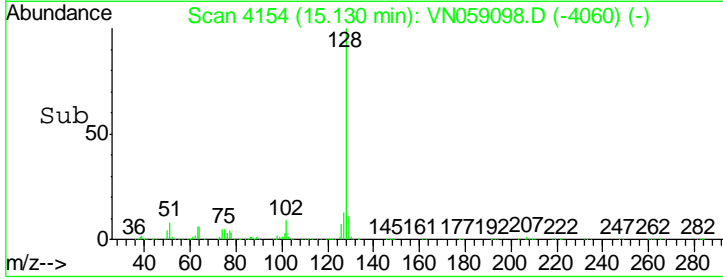
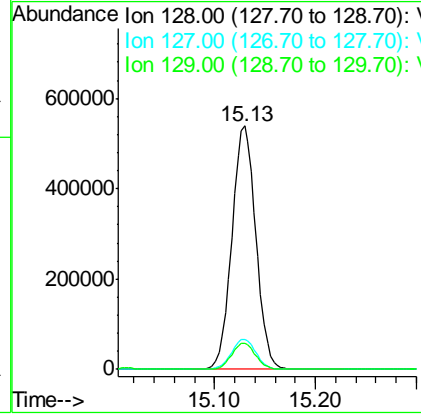
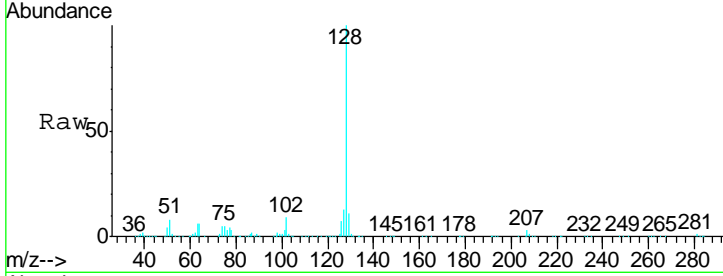
#95  
 Naphthalene  
 Concen: 47.735 ug/l  
 RT: 15.13 min Scan# 4154  
 Delta R.T. 0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Instrument : MSVOA\_N  
 Client Sampled : ICVVN110619

Tgt Ion	Resp	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.6	12.8

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#96  
 1,2,3-Trichlorobenzene  
 Concen: 50.309 ug/l  
 RT: 15.30 min Scan# 4206  
 Delta R.T. -0.00 min  
 Lab File: VN059098.D  
 Acq: 6 Nov 2019 11:29

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.9	47.3	141.8
145	31.6	15.8	47.3

