

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\  
 Data File : VN064817.D  
 Acq On : 24 Nov 2020 17:52  
 Operator : JC/MD  
 Sample : L4829-14MSD  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 Client Sampled :  
 MW-2MSD

Manual Integrations  
 APPROVED

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 11/25/2020 3:58:12 PM

Quant Time: Nov 25 05:23:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	282939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137117	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108372	48.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.80%
35) Dibromofluoromethane	7.55	113	94142	50.53	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.06%
50) Toluene-d8	10.06	98	369465	48.54	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.08%
62) 4-Bromofluorobenzene	12.38	95	134482	49.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.72%

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76697	45.949	ug/l	99
3) Chloromethane	2.04	50	96461	44.470	ug/l	99
4) Vinyl Chloride	2.17	62	106180	46.952	ug/l	98
5) Bromomethane	2.53	94	44762	30.169	ug/l	100
6) Chloroethane	2.68	64	65261	46.658	ug/l	97
7) Trichlorofluoromethane	2.99	101	144435	46.203	ug/l	96
8) Diethyl Ether	3.38	74	59130	47.920	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	88590	47.241	ug/l	98
10) Methyl Iodide	3.91	142	84648	34.800	ug/l	97
11) Tert butyl alcohol	4.75	59	77115	220.841	ug/l #	73
12) 1,1-Dichloroethene	3.69	96	90419	48.414	ug/l	99
13) Acrolein	3.57	56	45278	212.284	ug/l #	63
14) Allyl chloride	4.28	41	144785	47.003	ug/l	98
15) Acrylonitrile	4.93	53	243237	252.153	ug/l	97
16) Acetone	3.78	43	213341	289.848	ug/l	100
17) Carbon Disulfide	4.01	76	236430	49.030	ug/l	99
18) Methyl Acetate	4.28	43	98646	44.576	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	328444	54.833	ug/l #	1
20) Methylene Chloride	4.50	84	107207	46.482	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	98140	47.320	ug/l	99
22) Diisopropyl ether	5.91	45	311301	50.491	ug/l	99
23) Vinyl Acetate	5.85	43	1211743	245.769	ug/l	100
24) 1,1-Dichloroethane	5.80	63	182395	49.500	ug/l	98
25) 2-Butanone	6.79	43	306065	256.515	ug/l	96
26) 2,2-Dichloropropane	6.78	77	142224	44.504	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	119788	51.328	ug/l	99
28) Bromochloromethane	7.15	49	83244	49.383	ug/l	100
29) Tetrahydrofuran	7.17	42	194808	236.523	ug/l	99
30) Chloroform	7.33	83	198849	52.331	ug/l	98
31) Cyclohexane	7.61	56	238748	76.504	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	158545	48.580	ug/l	100
36) 1,1-Dichloropropene	7.75	75	136069	47.149	ug/l	99
37) Ethyl Acetate	6.88	43	119682	43.052	ug/l	99
38) Carbon Tetrachloride	7.73	117	142021	47.296	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	286181	92.116	ug/l	99
40) Benzene	8.00	78	1036666	117.222	ug/l	99
41) Methacrylonitrile	7.13	41	63917	49.829	ug/l	87
42) 1,2-Dichloroethane	8.08	62	139495	46.758	ug/l	88
43) Isopropyl Acetate	8.13	43	243401	54.412	ug/l	94
44) Trichloroethene	8.80	130	120118	46.034	ug/l	98
45) 1,2-Dichloropropane	9.08	63	114165	49.849	ug/l	99
46) Dibromomethane	9.17	93	73648	48.136	ug/l	98
47) Bromodichloromethane	9.37	83	157207	51.065	ug/l	96
48) Methyl methacrylate	9.17	41	98921	46.279	ug/l	96
49) 1,4-Dioxane	9.17	88	33849	837.864	ug/l #	96
51) 4-Methyl-2-Pentanone	9.95	43	633705	235.971	ug/l	99
52) Toluene	10.12	92	291166	53.462	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	159019	46.376	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	178251	48.499	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	145578	65.003	ug/l	97
56) Ethyl methacrylate	10.40	69	164947	53.372	ug/l	97
57) 1,3-Dichloropropane	10.68	76	176889	47.881	ug/l	99
59) 2-Hexanone	10.72	43	461478	238.770	ug/l	99
60) Dibromochloromethane	10.87	129	119074	47.832	ug/l	99
61) 1,2-Dibromoethane	10.98	107	109065	47.934	ug/l	93
64) Tetrachloroethene	10.60	164	112854	40.997	ug/l	97
65) Chlorobenzene	11.41	112	291851	48.033	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	109294	48.946	ug/l	99
67) Ethyl Benzene	11.48	91	1047657	103.213	ug/l	99
68) m/p-Xylenes	11.59	106	774690	201.583	ug/l	100
69) o-Xylene	11.92	106	202431	55.509	ug/l	100
70) Styrene	11.94	104	317621	51.591	ug/l	100
71) Bromoform	12.10	173	82307	46.150	ug/l #	99
73) Isopropylbenzene	12.22	105	729288	76.466	ug/l	100
74) N-amyl acetate	12.04	43	181759	48.426	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	141933	50.773	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	133301m	45.142	ug/l	
77) Bromobenzene	12.50	156	124503	48.421	ug/l	98
78) n-propylbenzene	12.56	91	1066572	98.165	ug/l	99
79) 2-Chlorotoluene	12.65	91	362102	53.915	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	544688	68.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	44163	40.990	ug/l	96
82) 4-Chlorotoluene	12.75	91	346110	49.165	ug/l	99
83) tert-Butylbenzene	12.97	119	353605	53.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1372871	171.283	ug/l	99
85) sec-Butylbenzene	13.14	105	500326	56.710	ug/l	97
86) p-Isopropyltoluene	13.26	119	435870	54.265	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	219764	48.106	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	221147	45.775	ug/l	100
89) n-Butylbenzene	13.59	91	434255	61.563	ug/l	93
90) Hexachloroethane	13.85	117	98410	70.527	ug/l	69
91) 1,2-Dichlorobenzene	13.63	146	215847	48.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31222	49.638	ug/l	96
93) 1,2,4-Trichlorobenzene	14.88	180	136721	49.272	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	53827	43.129	ug/l	100
95) Naphthalene	15.10	128	973929	117.157	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	134077	50.822	ug/l	93

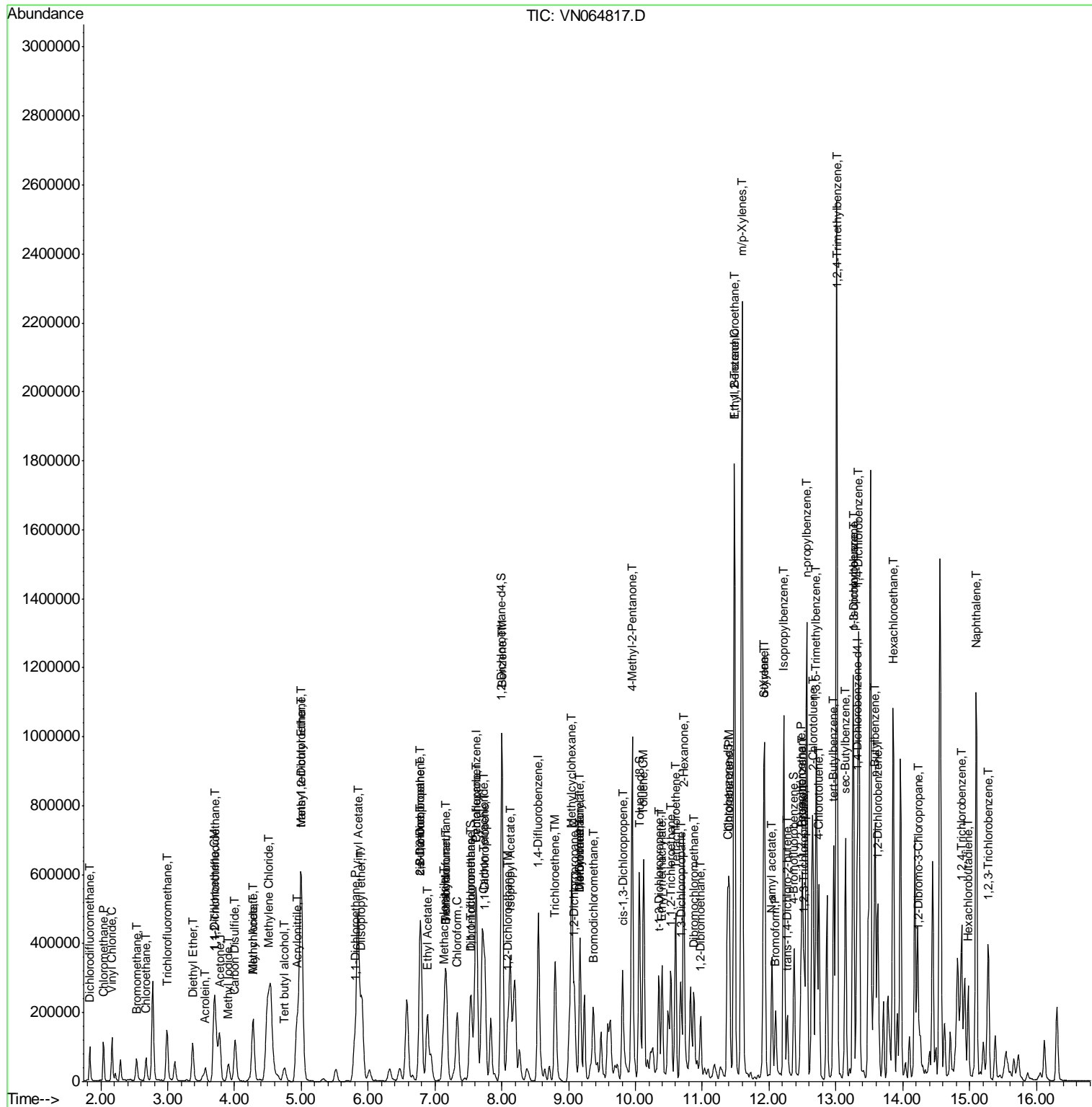
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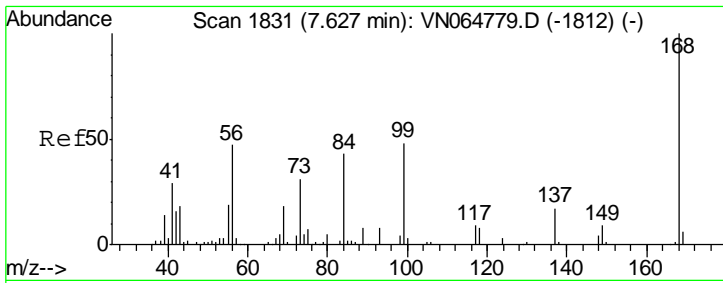
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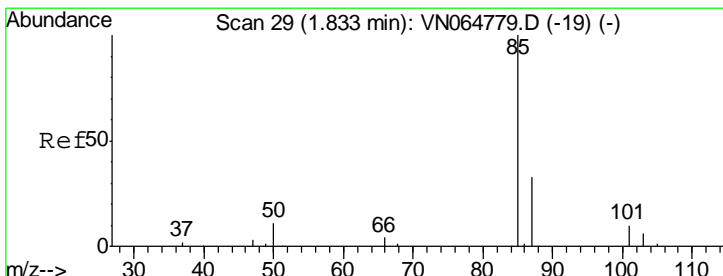
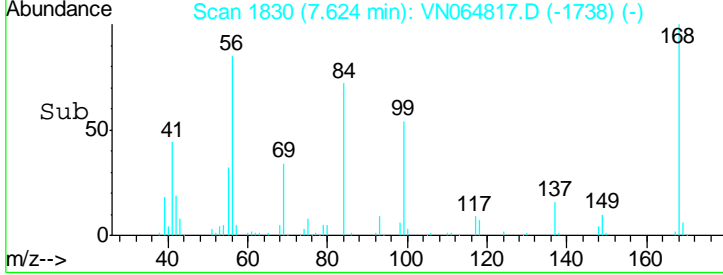
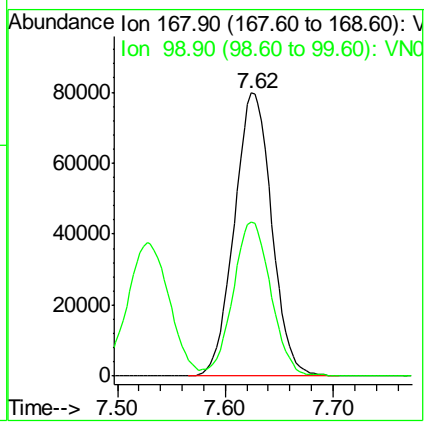
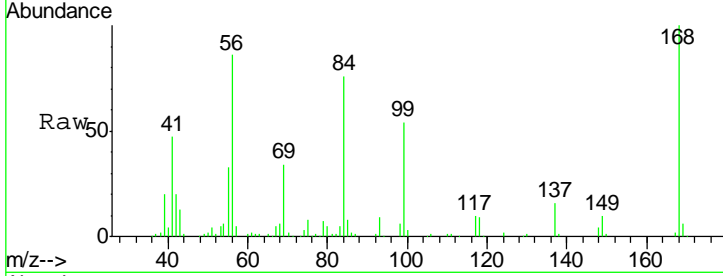


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.62 min Scan# 1830  
 Delta R.T. -0.00 min  
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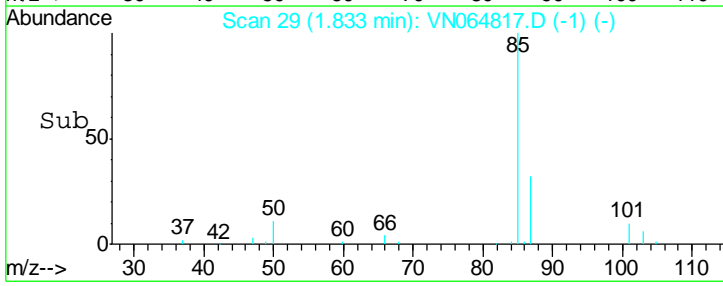
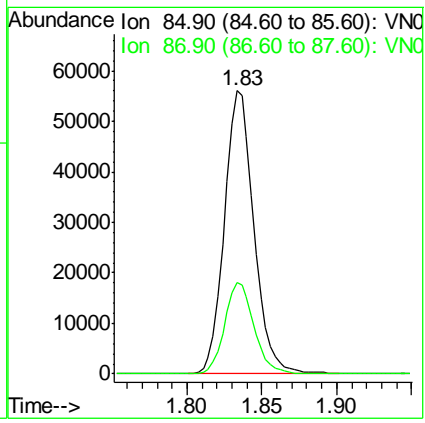
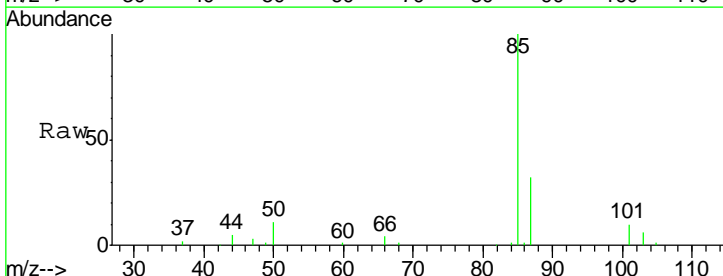
Tgt Ion: 168 Resp: 192597  
 Ion Ratio Lower Upper  
 168 100  
 99 54.2 43.0 64.4

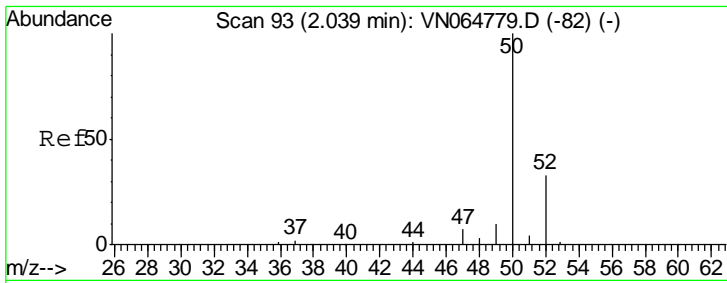
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#2  
 Dichlorodifluoromethane  
 Concen: 45.949 ug/l  
 RT: 1.83 min Scan# 29  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
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Tgt Ion: 85 Resp: 76697  
 Ion Ratio Lower Upper  
 85 100  
 87 32.2 16.4 49.4



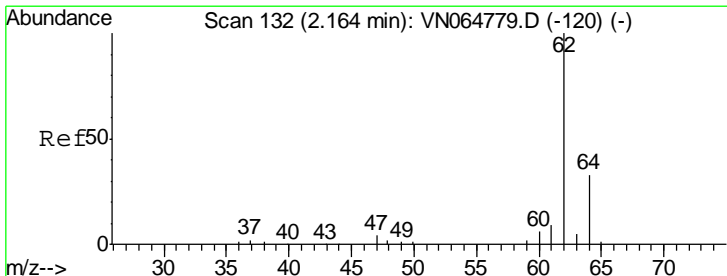
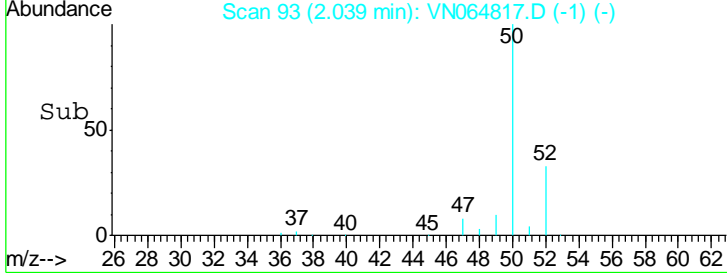
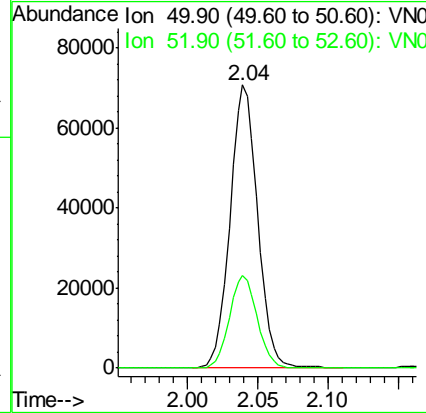
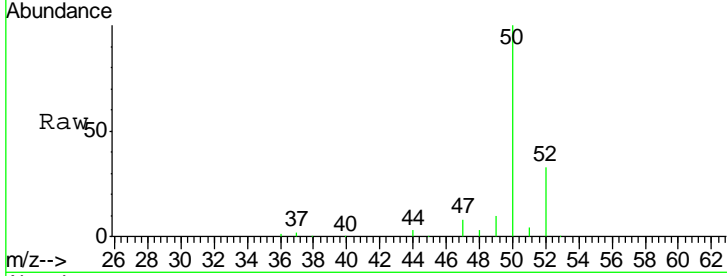


#3  
 Chloromethane  
 Concen: 44.470 ug/l  
 RT: 2.04 min Scan# 93  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
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Tgt Ion	Resp	Lower	Upper
50	100		
52	32.8	26.6	39.8

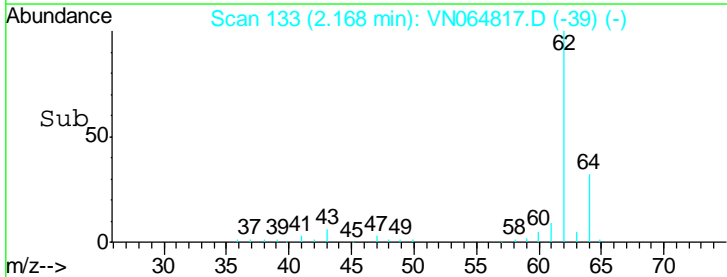
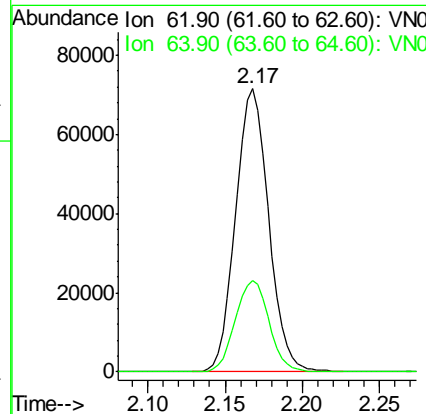
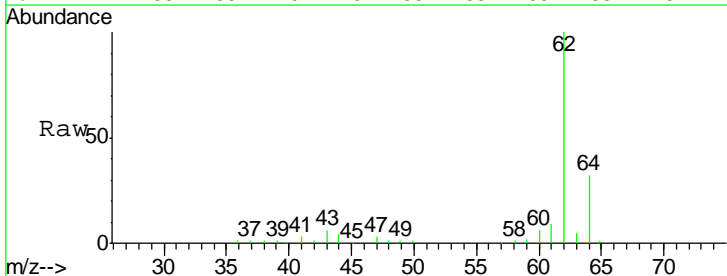
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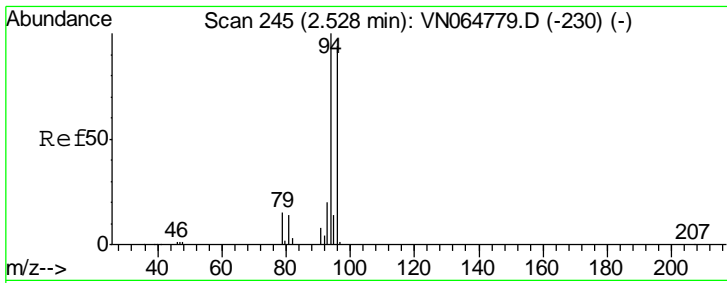
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#4  
 Vinyl Chloride  
 Concen: 46.952 ug/l  
 RT: 2.17 min Scan# 133  
 Delta R.T. 0.00 min  
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Tgt Ion	Resp	Lower	Upper
62	100		
64	32.2	26.5	39.7





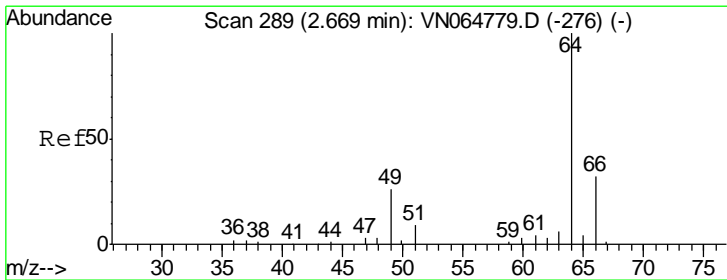
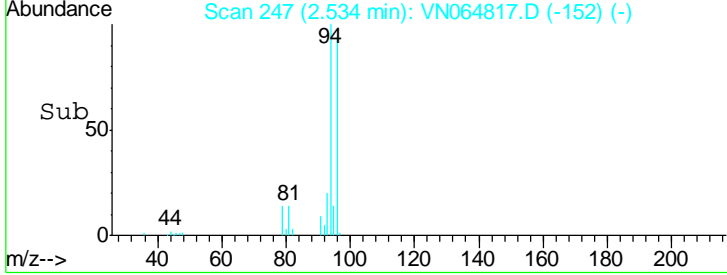
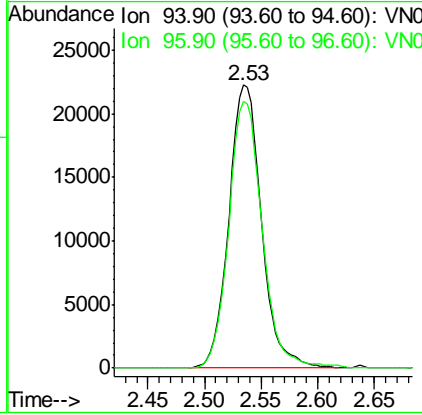
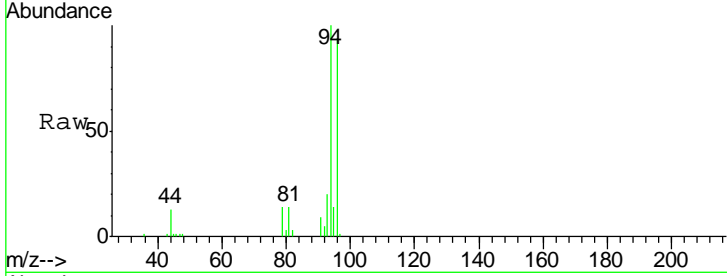
#5  
 Bromomethane  
 Concen: 30.169 ug/l  
 RT: 2.53 min Scan# 247  
 Delta R.T. 0.01 min  
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Tgt Ion	Resp	Lower	Upper
94	100		
96	94.3	75.4	113.0

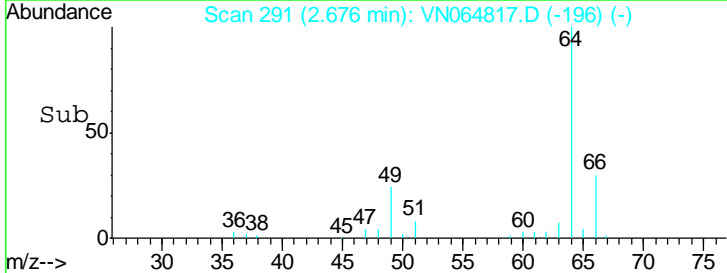
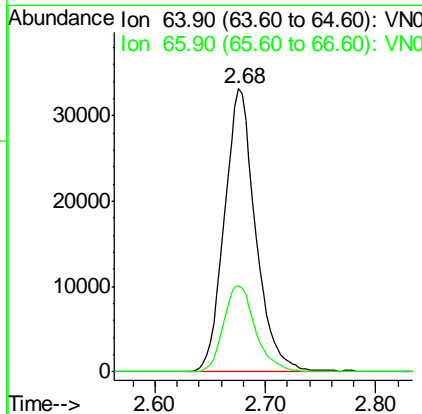
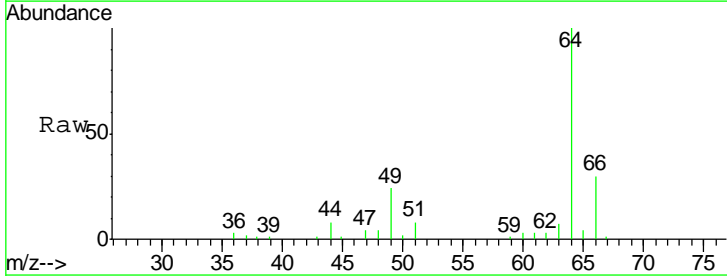
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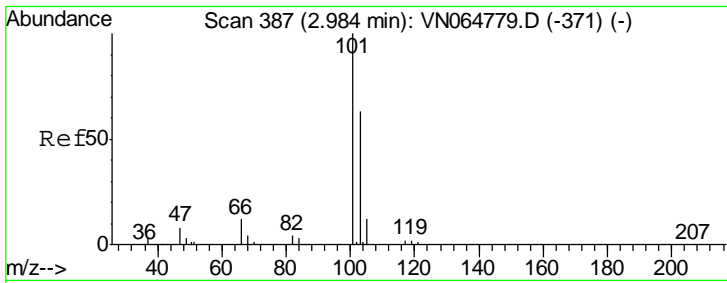
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#6  
 Chloroethane  
 Concen: 46.658 ug/l  
 RT: 2.68 min Scan# 291  
 Delta R.T. 0.01 min  
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Tgt Ion	Resp	Lower	Upper
64	100		
66	30.3	25.6	38.4





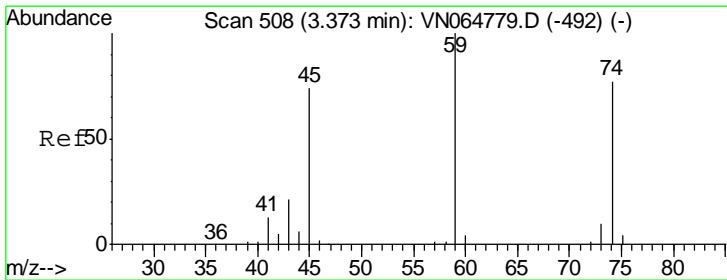
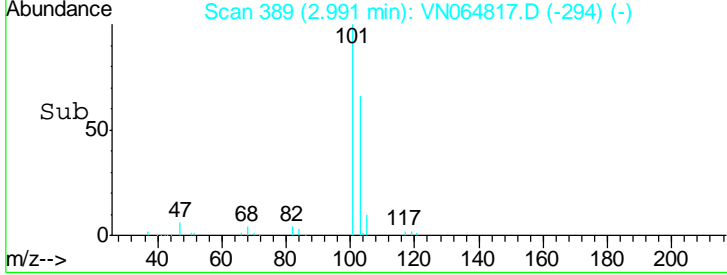
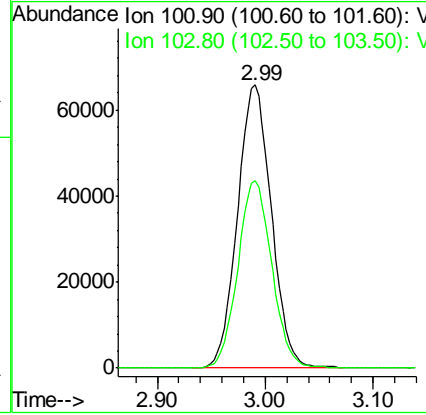
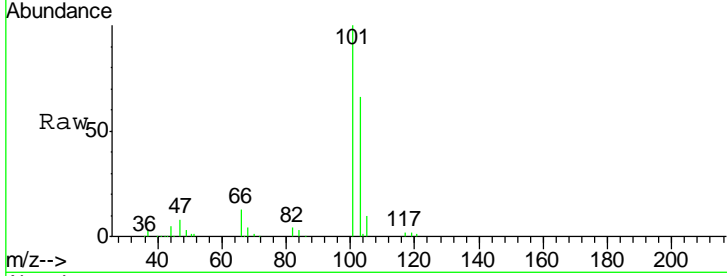
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 Trichlorofluoromethane  
 Concen: 46.203 ug/l  
 RT: 2.99 min Scan# 389  
 Delta R.T. 0.01 min  
 Lab File: VN064817.D  
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Tgt Ion	Resp	Lower	Upper
101	144435		
103	66.3	50.5	75.7

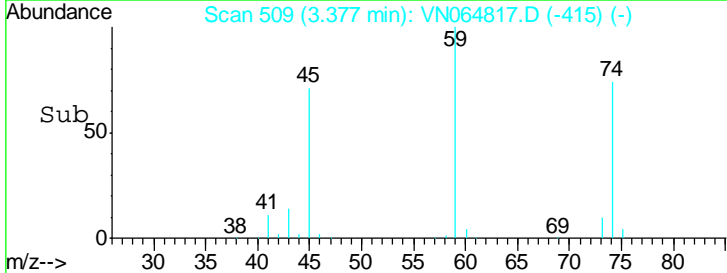
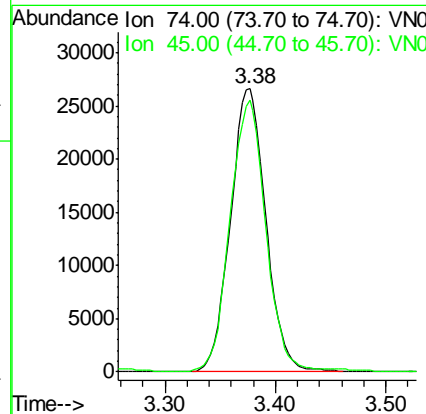
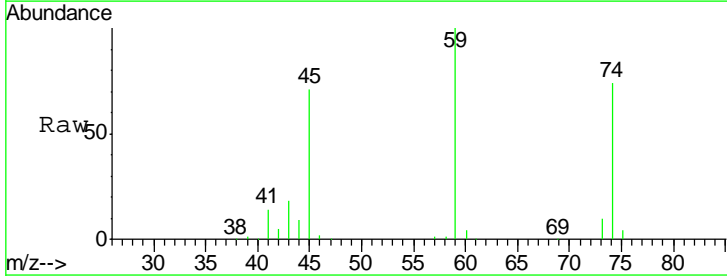
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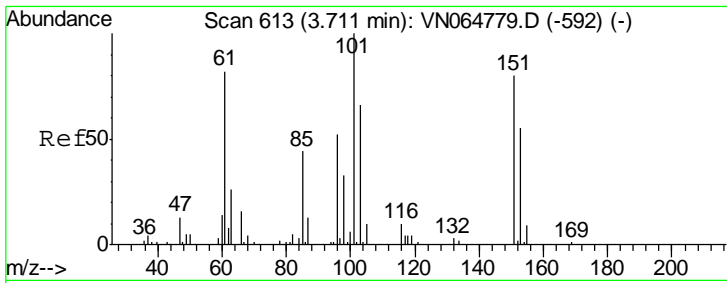


#8  
 Diethyl Ether  
 Concen: 47.920 ug/l  
 RT: 3.38 min Scan# 509  
 Delta R.T. 0.00 min  
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Tgt Ion	Resp	Lower	Upper
74	59130		
45	97.0	48.9	146.8

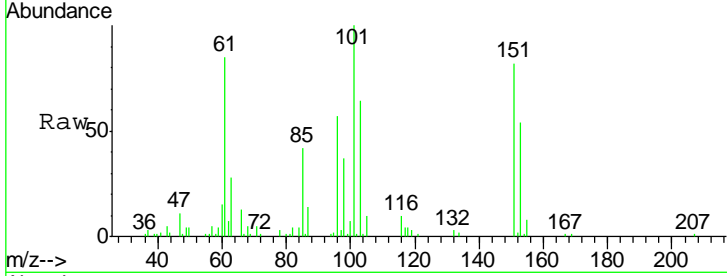






#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 47.241 ug/l  
 RT: 3.71 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

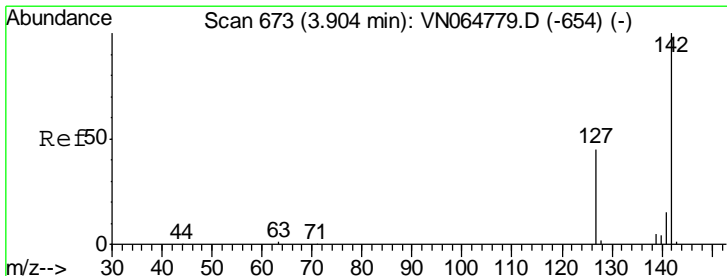
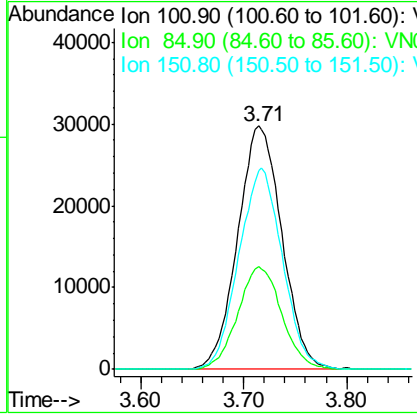
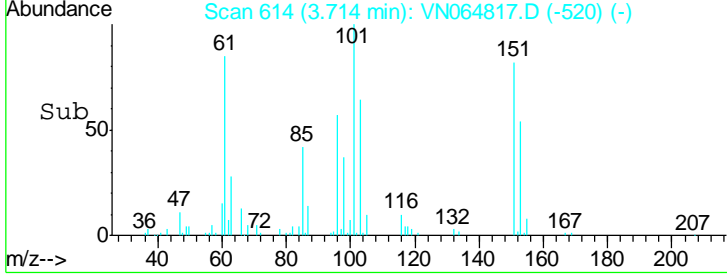
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD



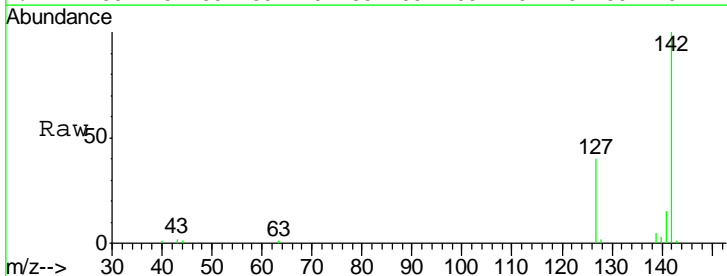
Tgt Ion	Resp	Lower	Upper
101	88590		
101	100		
85	41.8	34.4	51.6
151	81.6	64.0	96.0

Manual Integrations  
 APPROVED

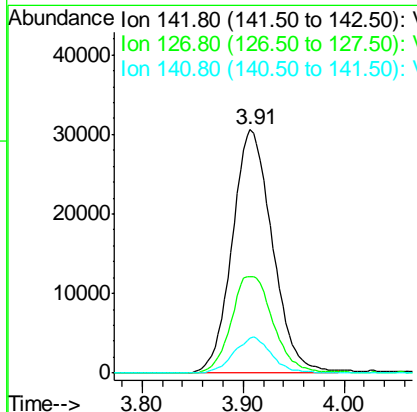
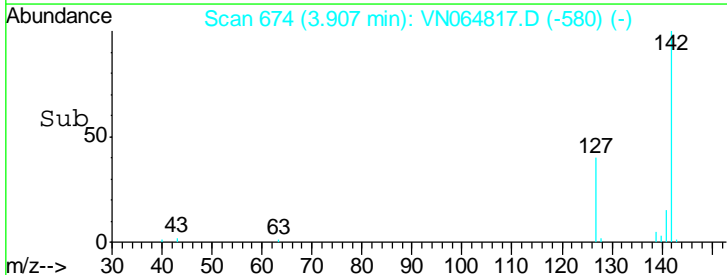
MMDadoda  
 11/25/2020 3:58:12 PM

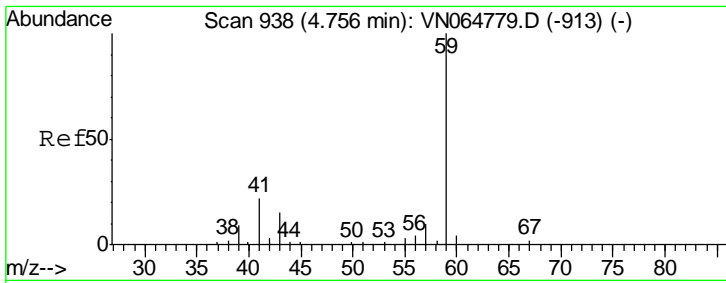


#10  
 Methyl Iodide  
 Concen: 34.800 ug/l  
 RT: 3.91 min Scan# 674  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52



Tgt Ion	Resp	Lower	Upper
142	84648		
142	100		
127	41.3	35.0	52.6
141	13.8	11.8	17.6



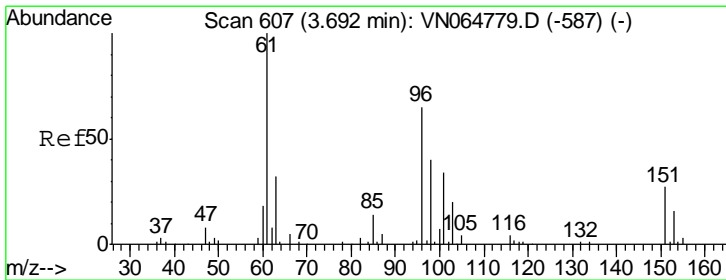
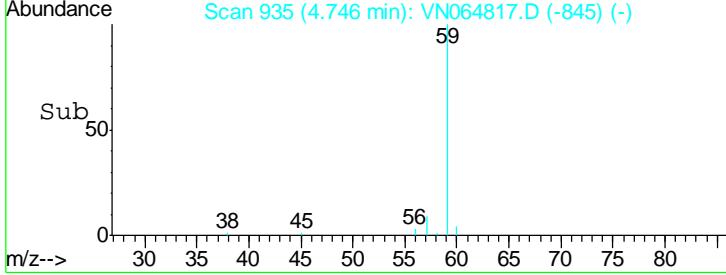
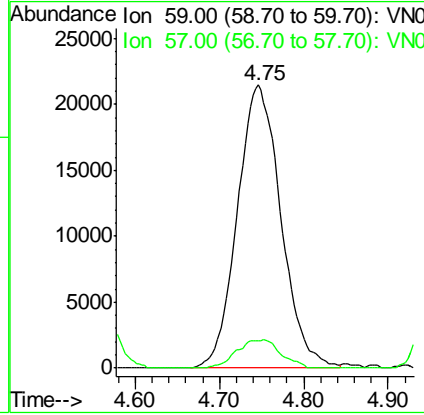
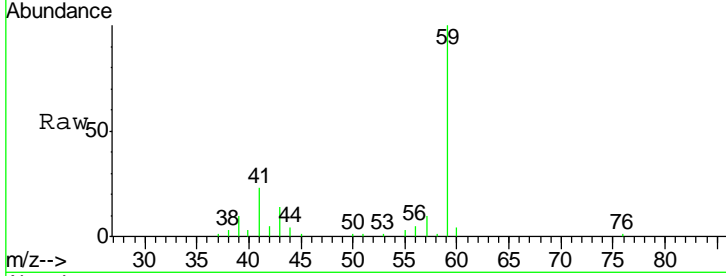


#11  
 Tert butyl alcohol  
 Concen: 220.841 ug/l  
 RT: 4.75 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

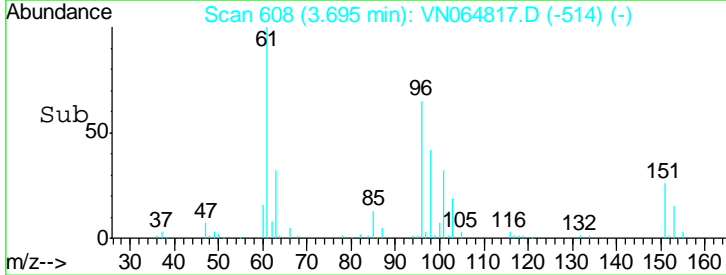
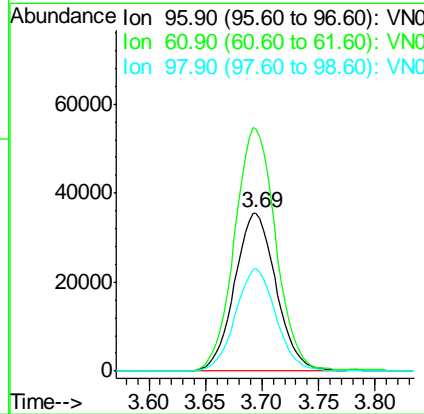
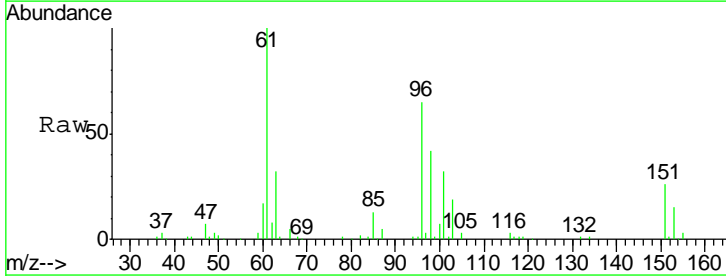
Tgt Ion	Resp	Lower	Upper
59	100		
57	0.0	7.9	11.9#

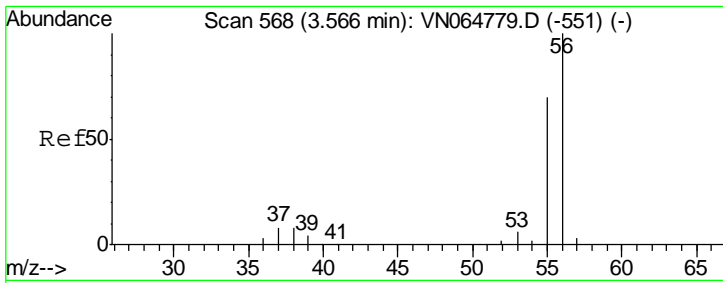
Manual Integrations  
**APPROVED**  
 MMDadoda  
 11/25/2020 3:58:12 PM



#12  
 1,1-Dichloroethene  
 Concen: 48.414 ug/l  
 RT: 3.69 min Scan# 608  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
96	100		
61	153.5	123.4	185.2
98	64.7	49.8	74.8





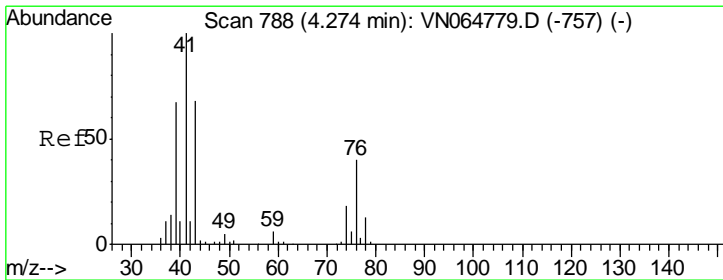
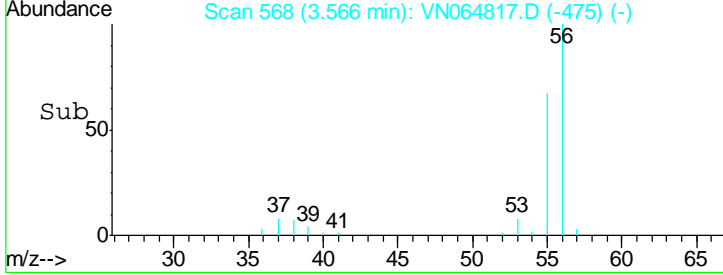
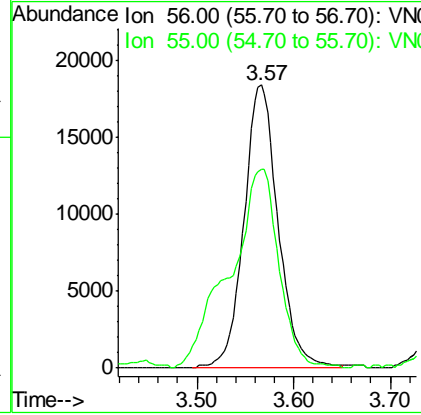
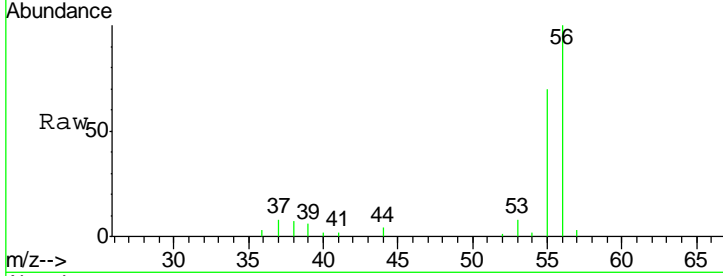
#13  
 Acrolein  
 Concen: 212.284 ug/l  
 RT: 3.57 min Scan# 568  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
56	45278		
55	100	56.5	84.7#

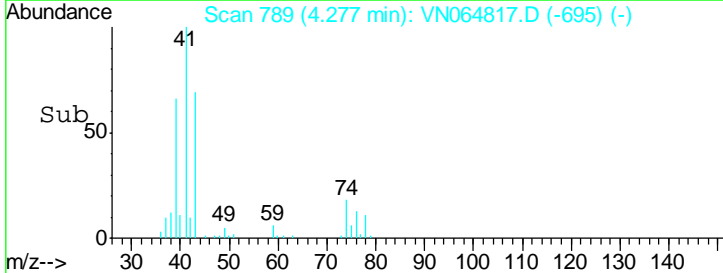
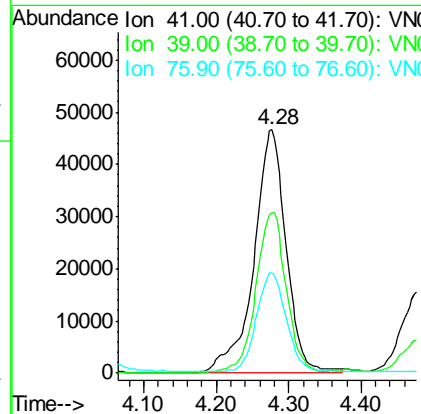
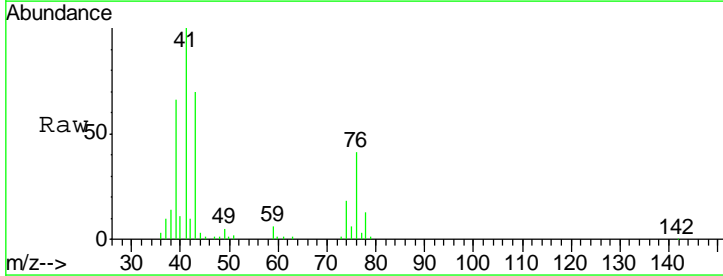
Manual Integrations  
 APPROVED

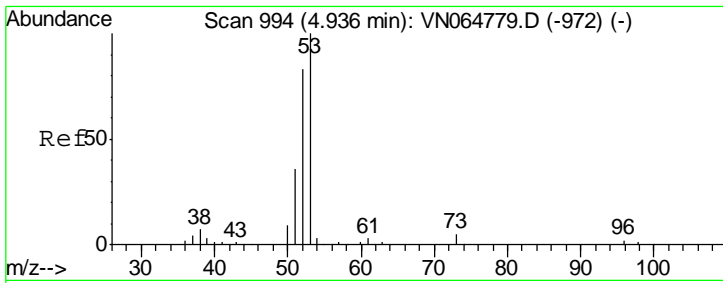
MMDadoda  
 11/25/2020 3:58:12 PM



#14  
 Allyl chloride  
 Concen: 47.003 ug/l  
 RT: 4.28 min Scan# 789  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
41	144785		
39	61.9	50.9	76.3
76	36.6	29.0	43.4





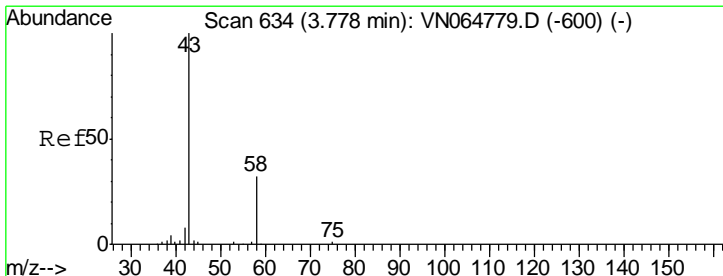
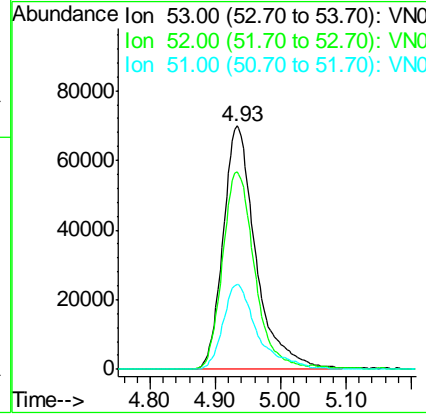
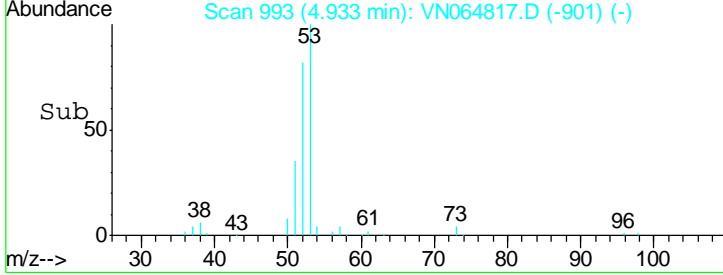
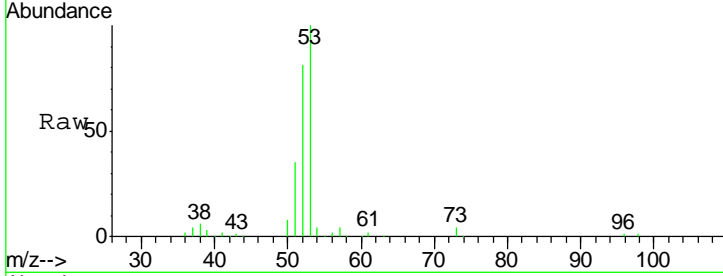
#15  
 Acrylonitrile  
 Concen: 252.153 ug/l  
 RT: 4.93 min Scan# 993  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
53	100		
52	79.2	65.5	98.3
51	36.7	28.6	43.0

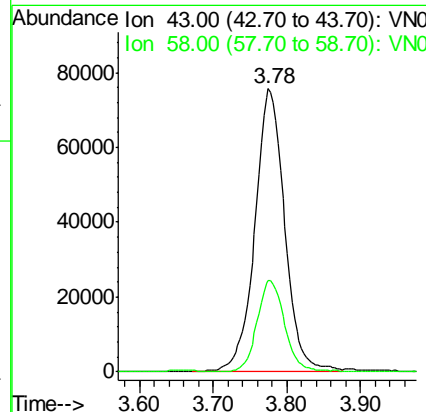
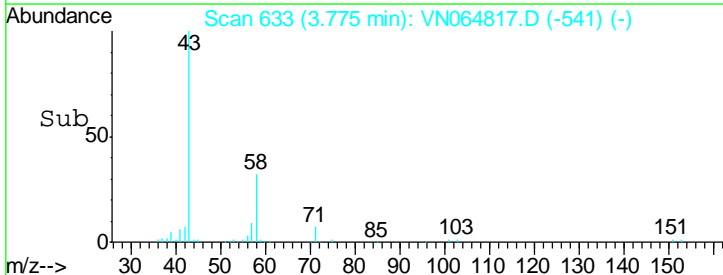
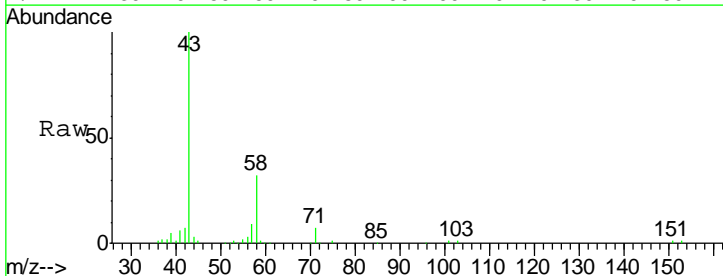
**Manual Integrations**  
**APPROVED**

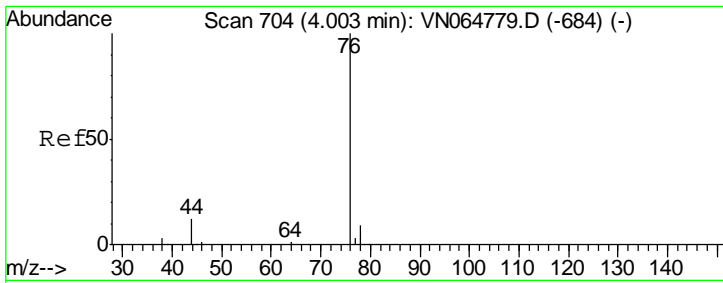
MMDadoda  
 11/25/2020 3:58:12 PM



#16  
 Acetone  
 Concen: 289.848 ug/l  
 RT: 3.78 min Scan# 633  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
43	100		
58	32.0	25.7	38.5





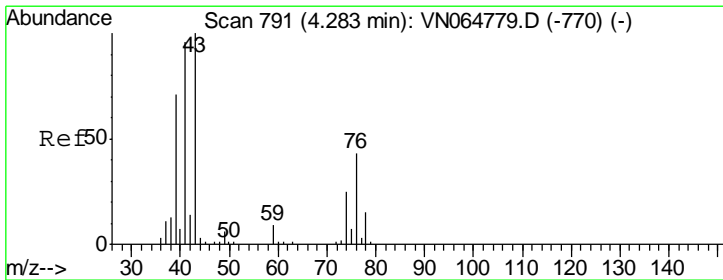
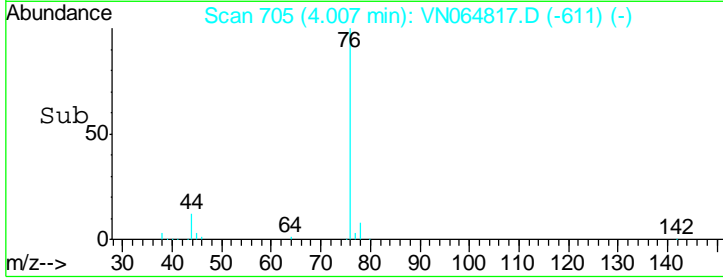
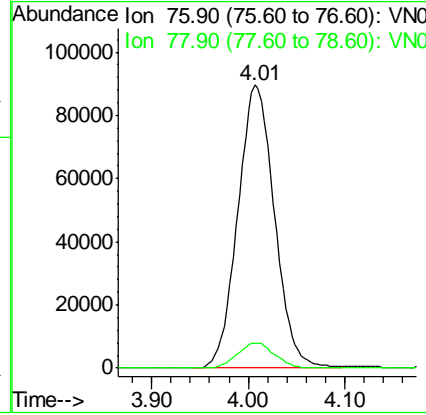
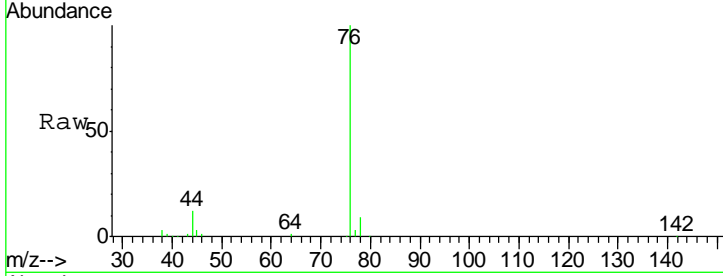
#17  
 Carbon Disulfide  
 Concen: 49.030 ug/l  
 RT: 4.01 min Scan# 705  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
76	236430		
76	100		
78	8.9	7.4	11.0

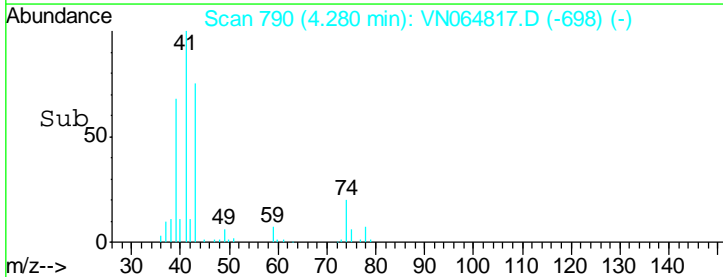
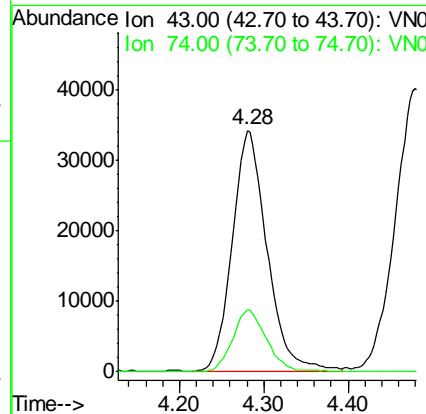
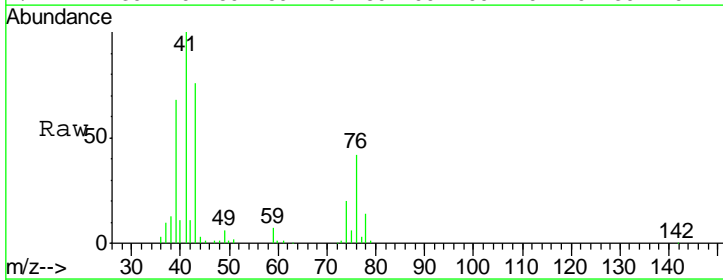
**Manual Integrations**  
**APPROVED**

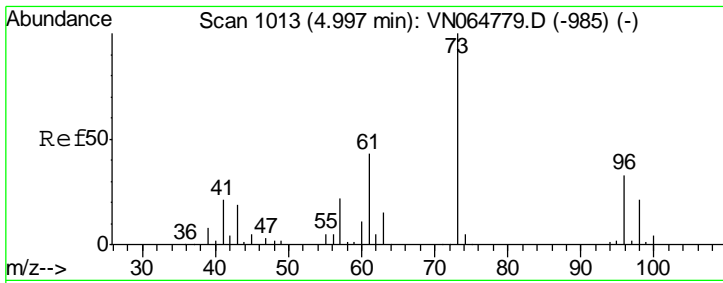
MMDadoda  
 11/25/2020 3:58:12 PM



#18  
 Methyl Acetate  
 Concen: 44.576 ug/l  
 RT: 4.28 min Scan# 790  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
43	98646		
43	100		
74	24.6	20.2	30.2





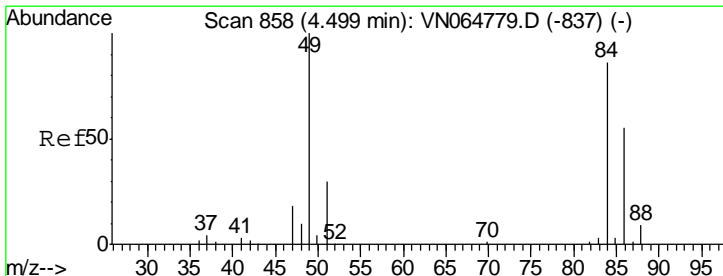
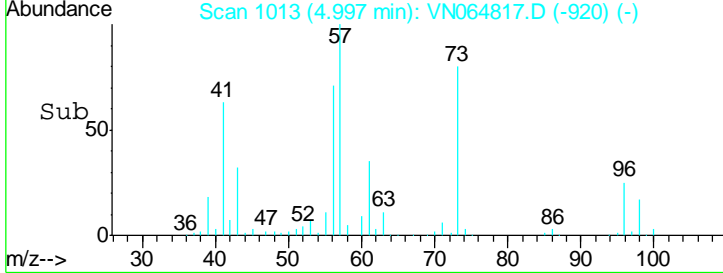
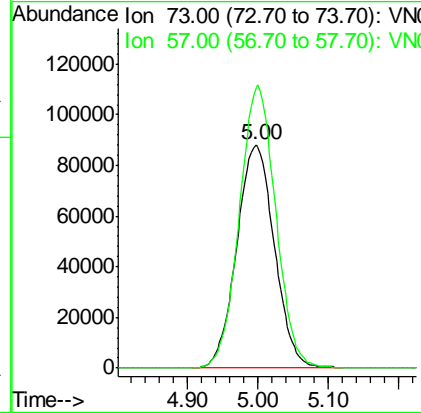
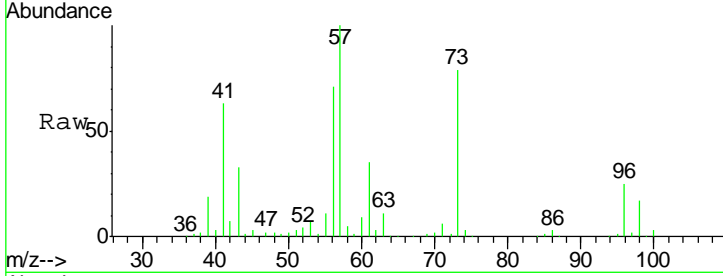
#19  
Methyl tert-butyl Ether  
Concen: 54.833 ug/l  
RT: 5.00 min Scan# 1013  
Delta R.T. 0.00 min  
Lab File: VN064817.D  
Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
Client Sampled : MW-2MSD

Tgt Ion	Resp	Lower	Upper
73	100		
57	126.0	17.4	26.0#

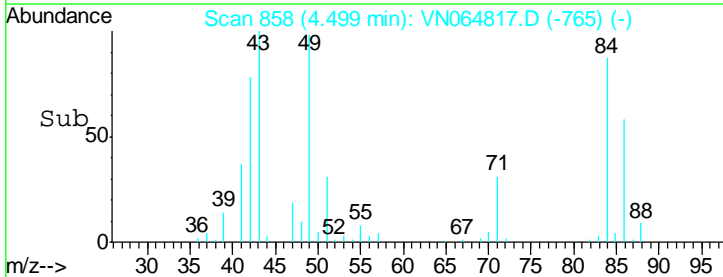
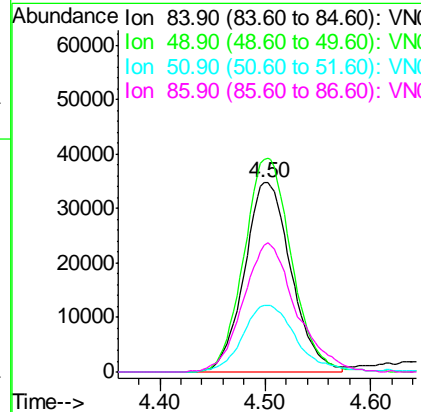
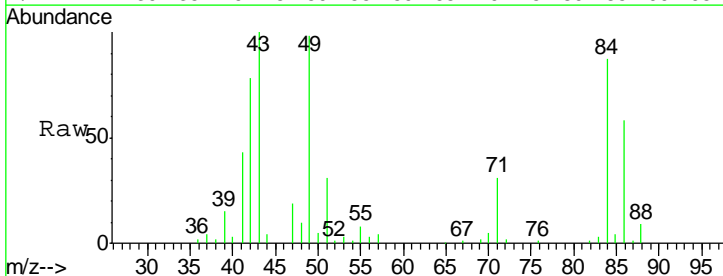
Manual Integrations  
APPROVED

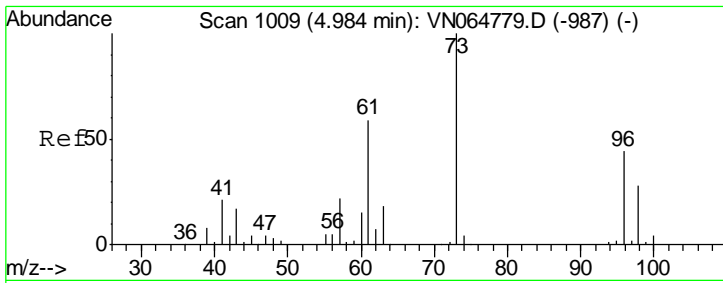
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11/25/2020 3:58:12 PM



#20  
Methylene Chloride  
Concen: 46.482 ug/l  
RT: 4.50 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: VN064817.D  
Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
84	100		
49	112.3	93.4	140.0
51	35.2	28.2	42.4
86	66.2	51.7	77.5





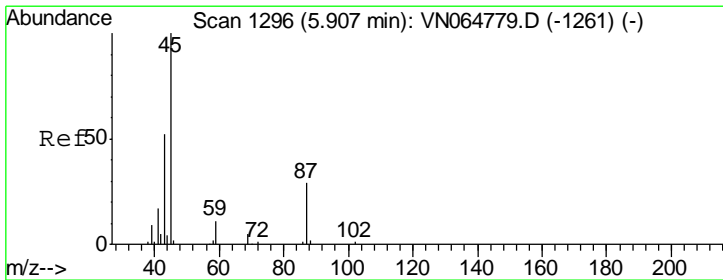
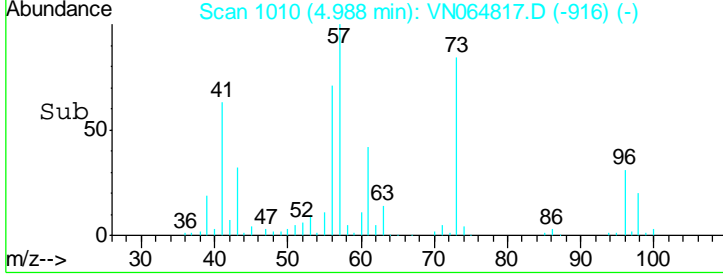
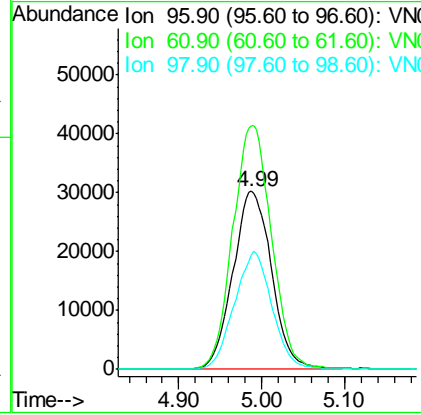
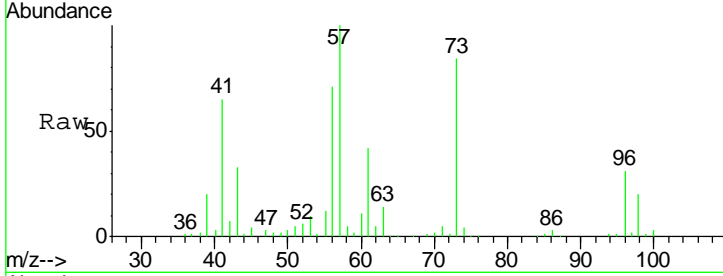
#21  
 trans-1,2-Dichloroethene  
 Concen: 47.320 ug/l  
 RT: 4.99 min Scan# 1010  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

Tgt Ion	Resp	Lower	Upper
96	100		
61	136.7	108.4	162.6
98	64.4	51.3	76.9

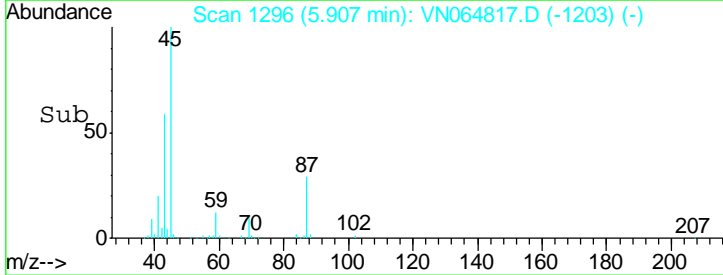
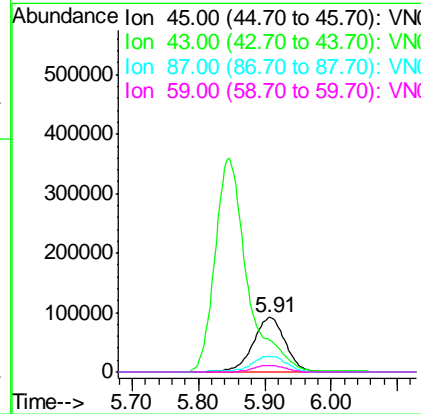
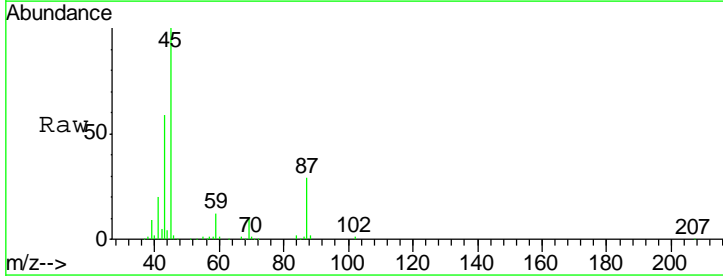
Manual Integrations  
 APPROVED

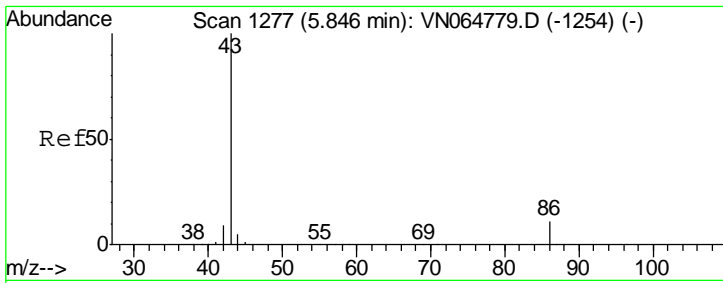
MMDadoda  
 11/25/2020 3:58:12 PM



#22  
 Diisopropyl ether  
 Concen: 50.491 ug/l  
 RT: 5.91 min Scan# 1296  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
45	100		
43	56.9	46.2	69.2
87	29.2	24.1	36.1
59	11.6	9.0	13.4





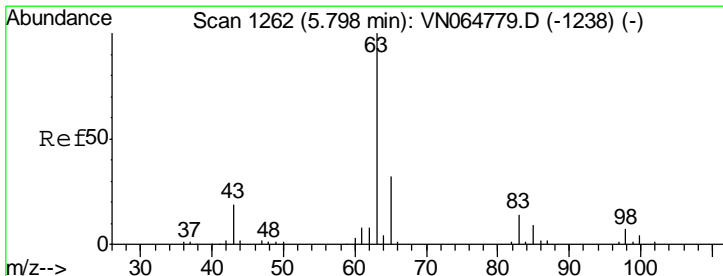
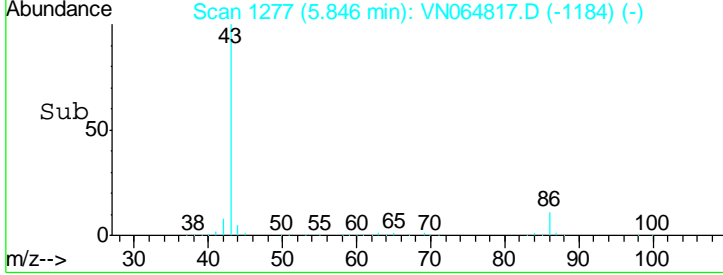
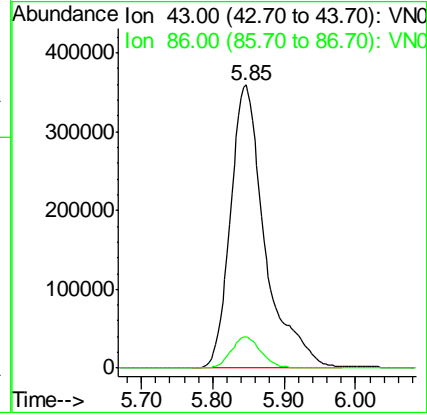
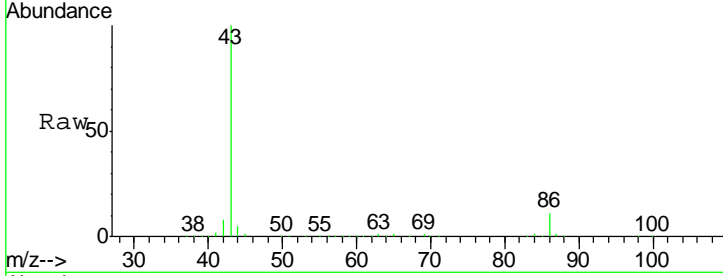
#23  
 Vinyl Acetate  
 Concen: 245.769 ug/l  
 RT: 5.85 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD

Tgt Ion: 43 Resp: 1211743

Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.9	13.3

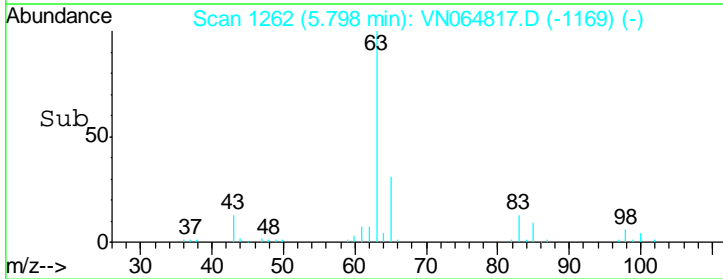
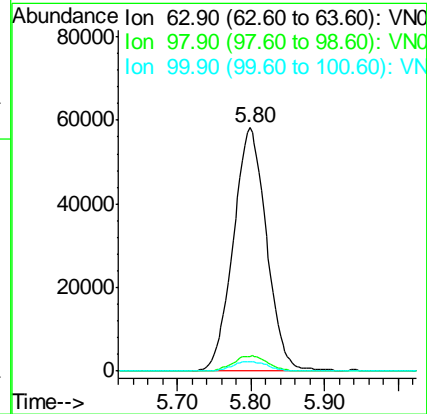
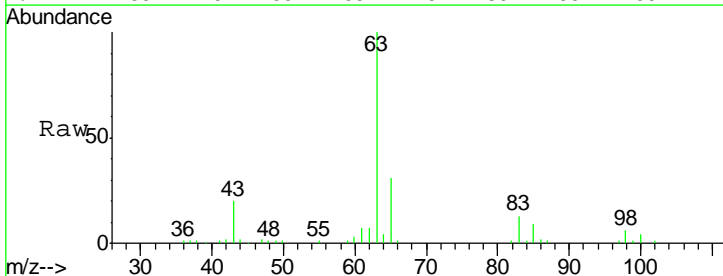
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 11/25/2020 3:58:12 PM



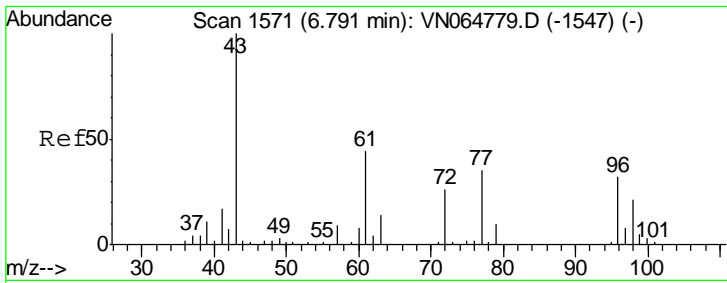
#24  
 1,1-Dichloroethane  
 Concen: 49.500 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion: 63 Resp: 182395

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.5	10.5
100	3.9	2.3	6.8





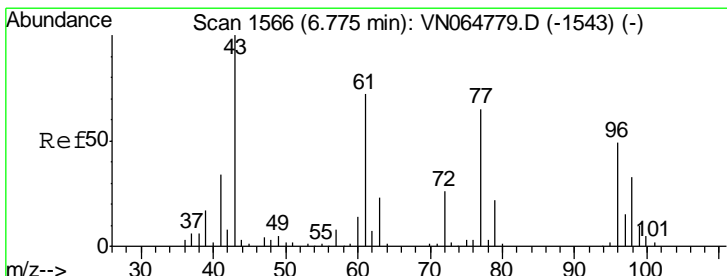
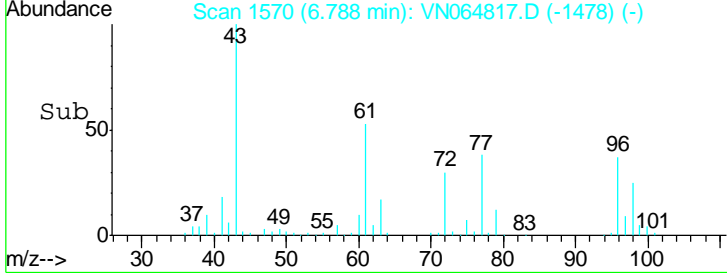
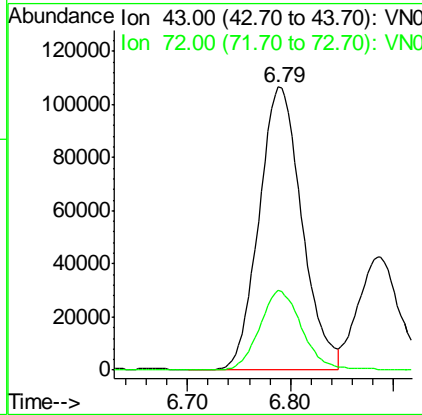
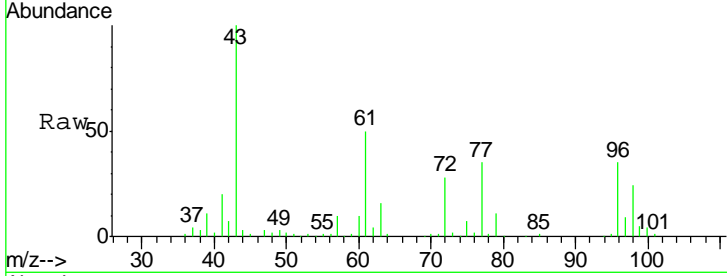


#25  
 2-Butanone  
 Concen: 256.515 ug/l  
 RT: 6.79 min Scan# 1570  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

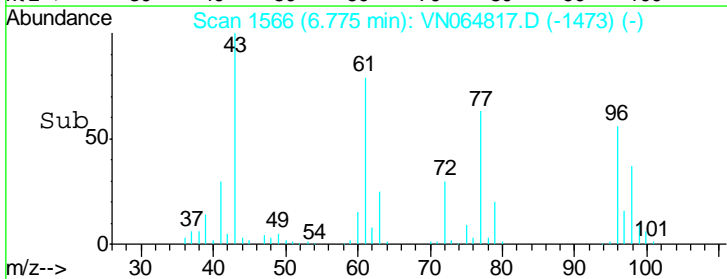
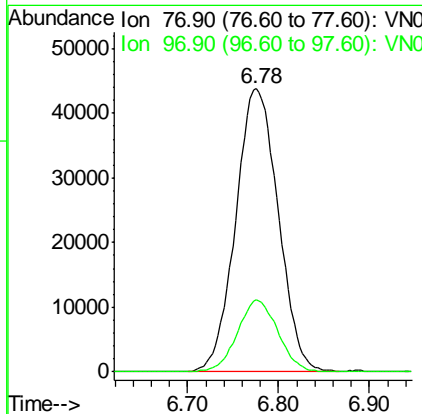
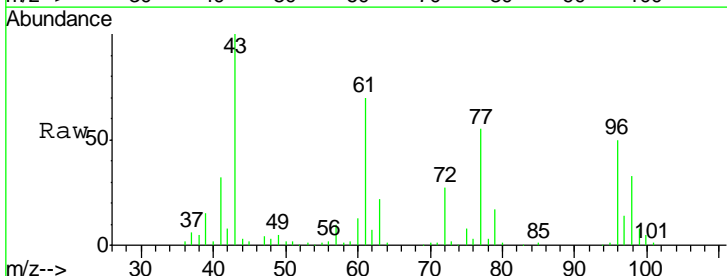
Tgt Ion	Resp	Lower	Upper
43	100		
72	28.1	21.0	31.6

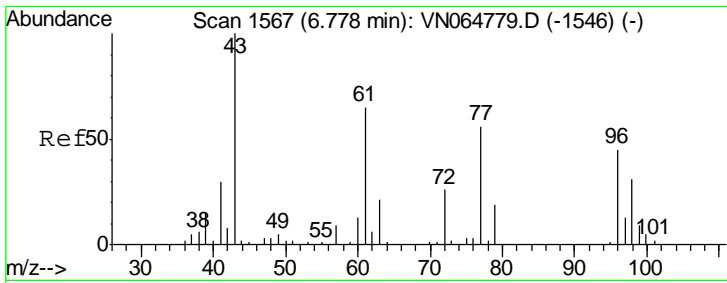
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#26  
 2,2-Dichloropropane  
 Concen: 44.504 ug/l  
 RT: 6.78 min Scan# 1566  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
77	100		
97	24.1	11.7	35.0





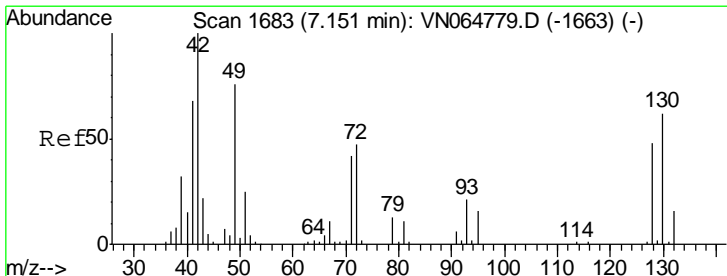
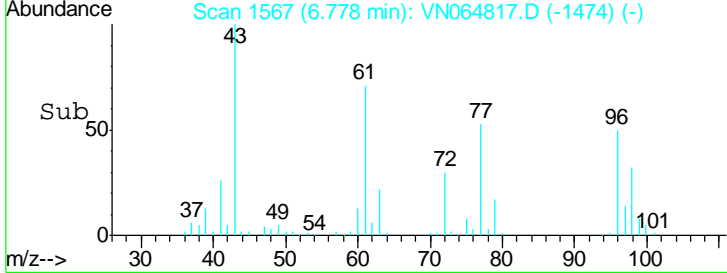
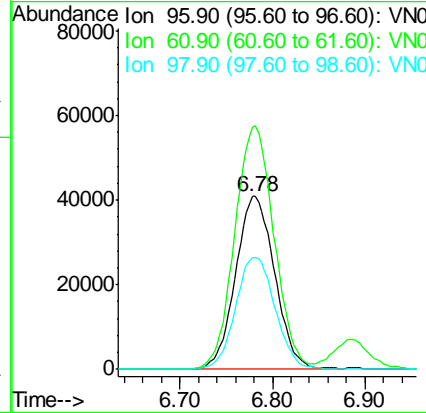
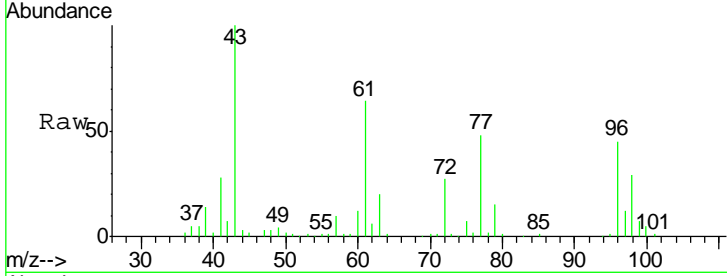
#27  
 cis-1,2-Dichloroethene  
 Concen: 51.328 ug/l  
 RT: 6.78 min Scan# 1567  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
96	119788		
96	100		
61	141.3	0.0	285.8
98	65.6	0.0	130.6

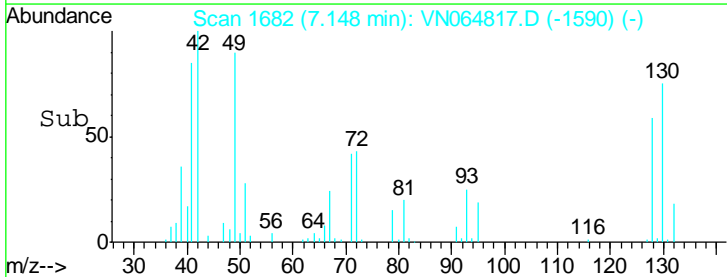
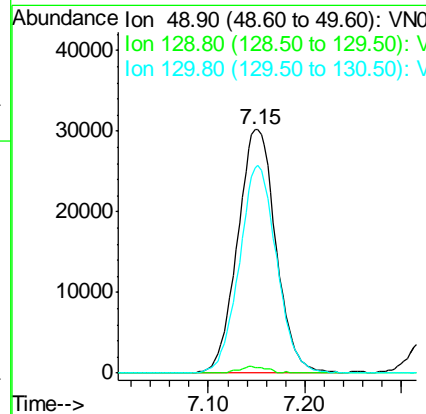
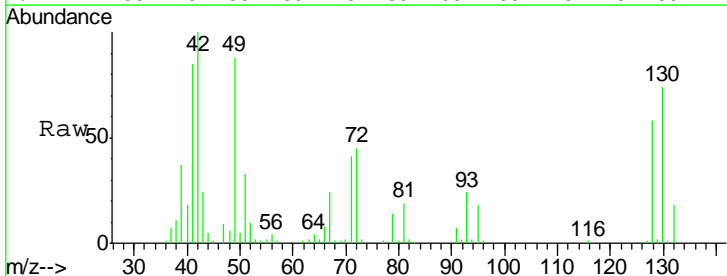
**Manual Integrations**  
**APPROVED**

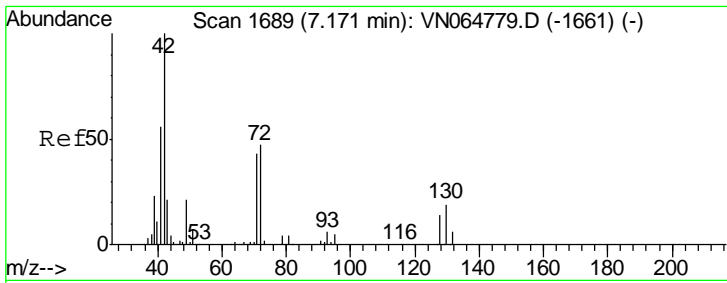
MMDadoda  
 11/25/2020 3:58:12 PM



#28  
 Bromochloromethane  
 Concen: 49.383 ug/l  
 RT: 7.15 min Scan# 1682  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
49	83244		
49	100		
129	1.9	0.0	3.8
130	82.9	66.2	99.2





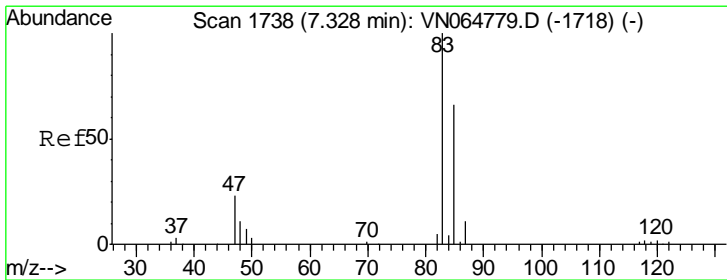
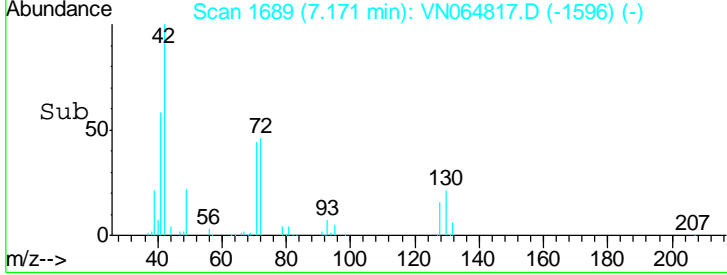
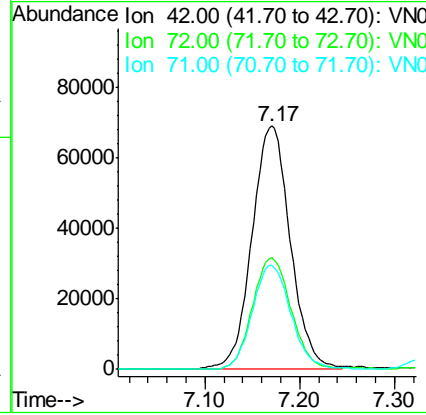
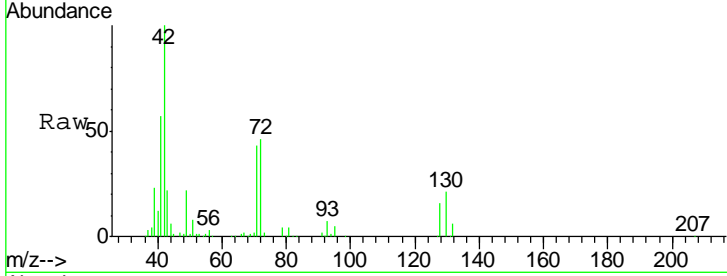
#29  
 Tetrahydrofuran  
 Concen: 236.523 ug/l  
 RT: 7.17 min Scan# 1689  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
42	194808		
72	46.4	36.6	54.8
71	43.2	33.6	50.4

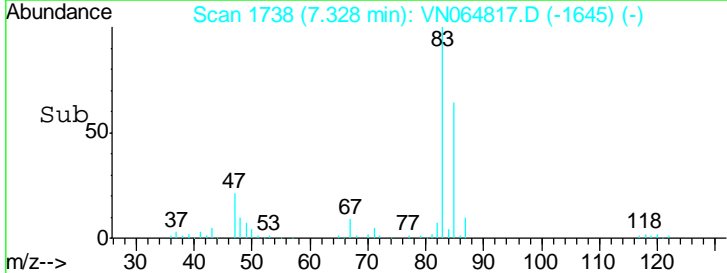
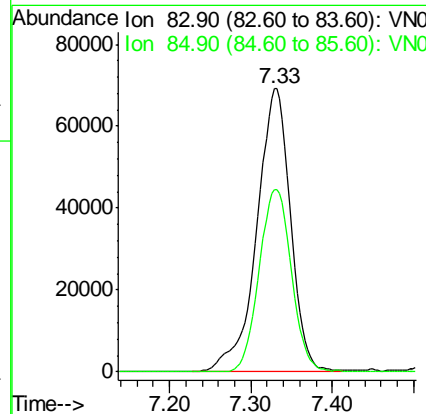
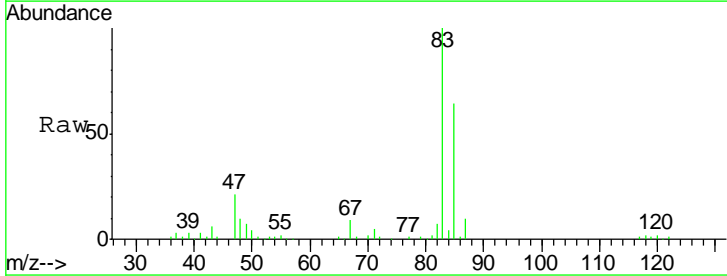
Manual Integrations  
 APPROVED

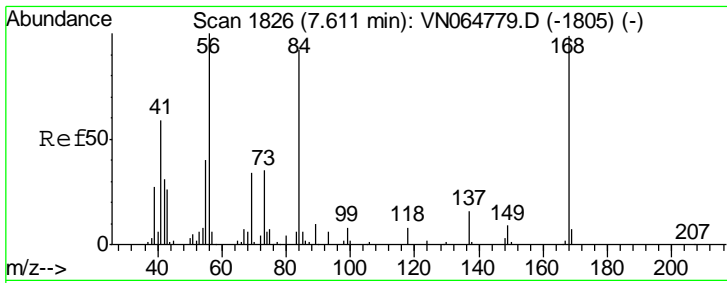
MMDadoda  
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#30  
 Chloroform  
 Concen: 52.331 ug/l  
 RT: 7.33 min Scan# 1738  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
83	198849		
85	64.3	52.6	78.8



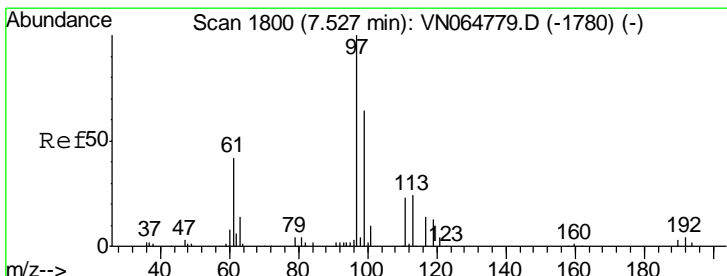
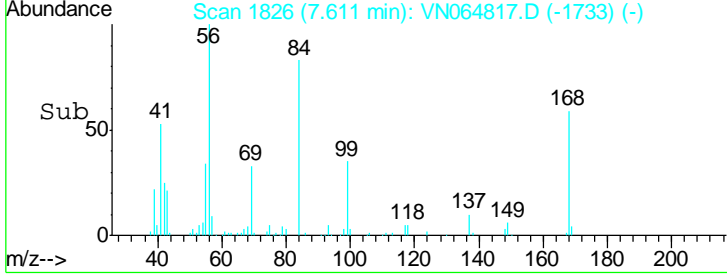
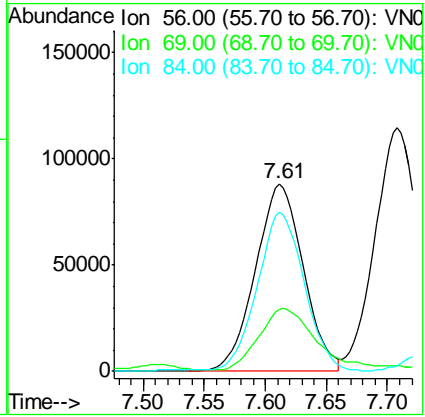
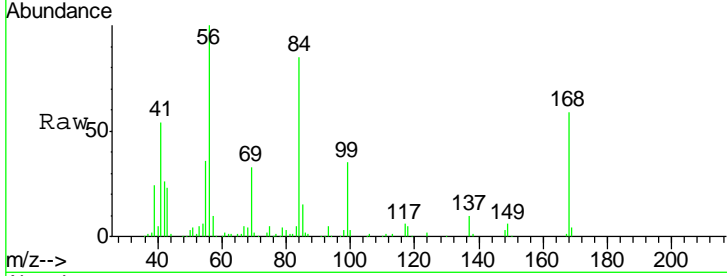


#31  
 Cyclohexane  
 Concen: 76.504 ug/l  
 RT: 7.61 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

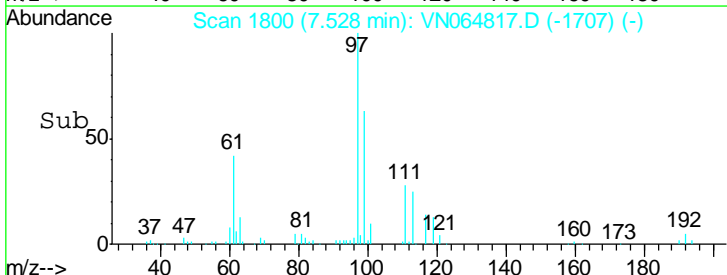
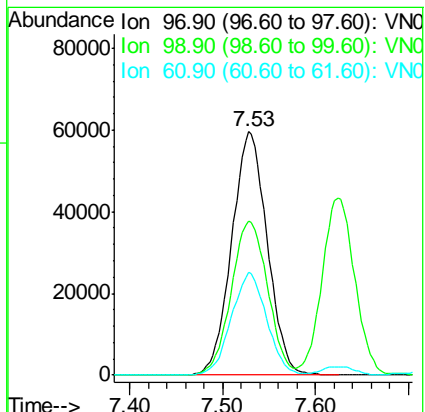
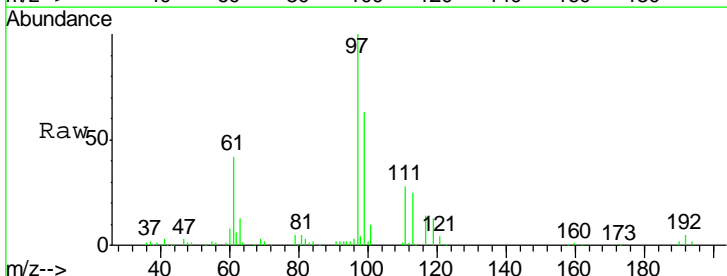
Tgt Ion	Resp	Lower	Upper
56	100		
69	32.0	27.5	41.3
84	84.3	73.9	110.9

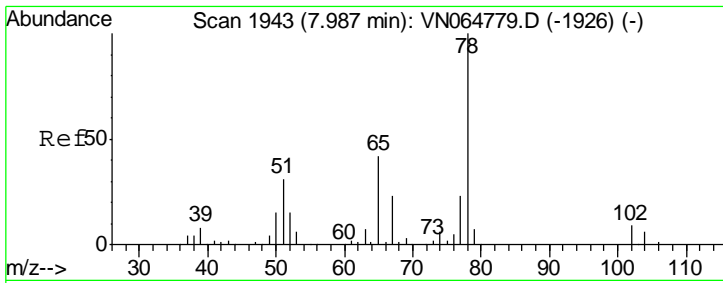
Manual Integrations  
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#32  
 1,1,1-Trichloroethane  
 Concen: 48.580 ug/l  
 RT: 7.53 min Scan# 1800  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	41.9	33.9	50.9



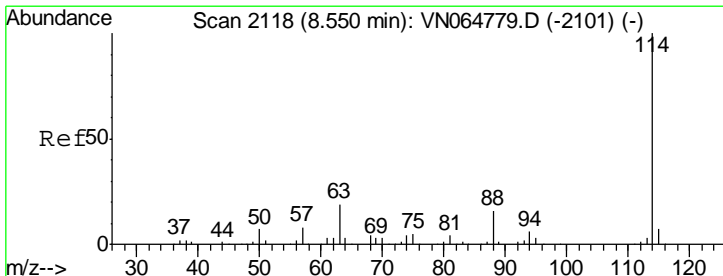
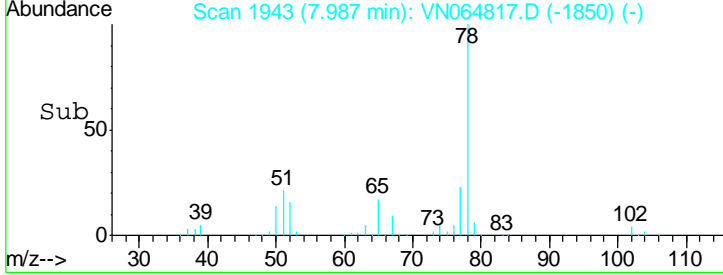
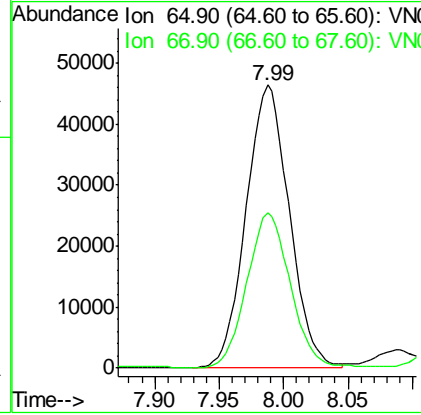
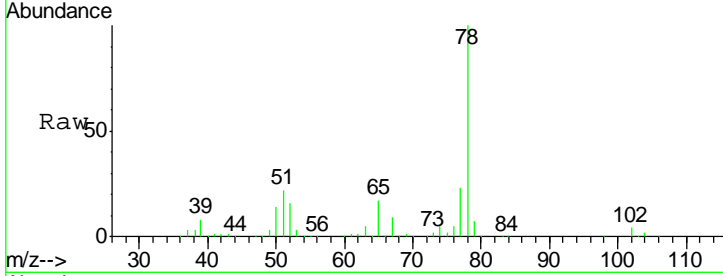


#33  
 1,2-Dichloroethane-d4  
 Concen: 48.401 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD

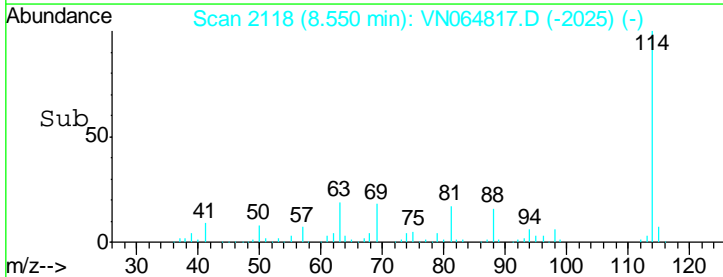
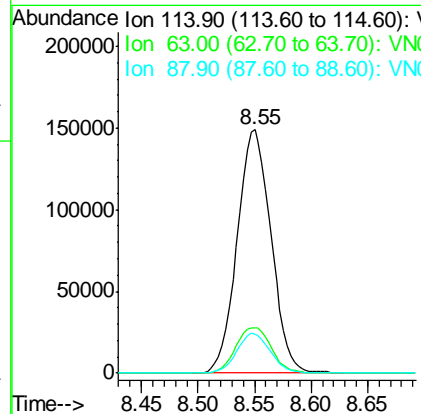
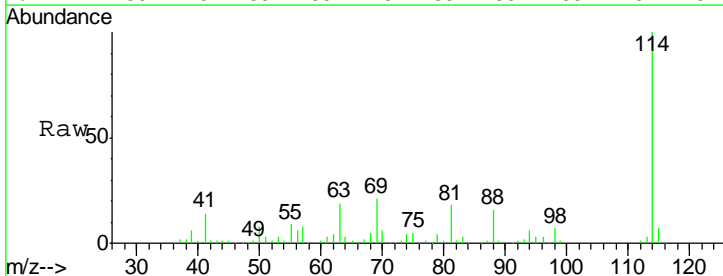
Tgt Ion	Resp	Lower	Upper
65	108372		
65	100		
67	55.4	0.0	108.2

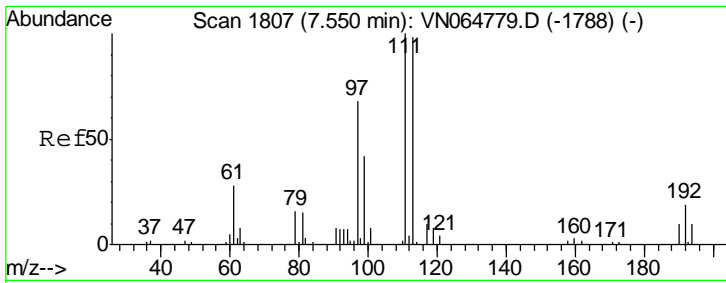
**Manual Integrations**  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
114	311356		
114	100		
63	18.8	0.0	38.6
88	16.2	0.0	32.6





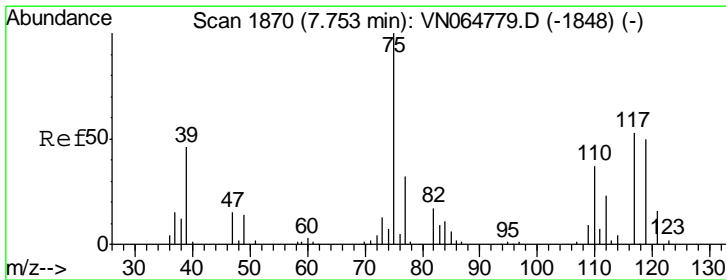
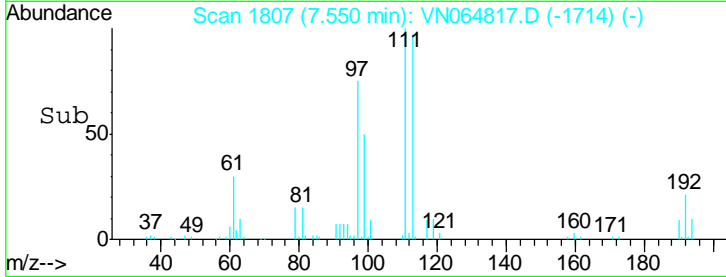
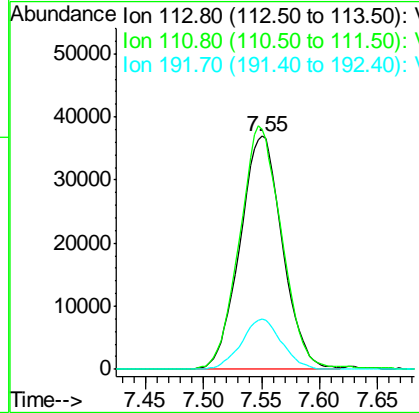
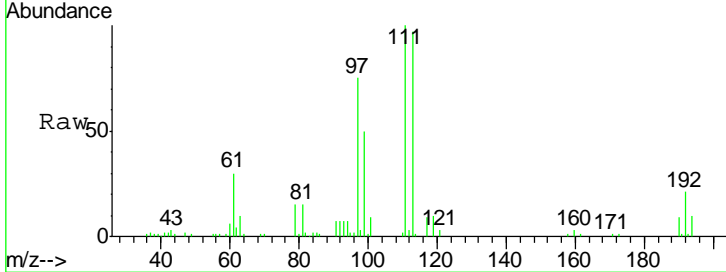
#35  
 Dibromofluoromethane  
 Concen: 50.531 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
113	94142		
113	100		
111	103.4	81.6	122.4
192	20.4	16.2	24.2

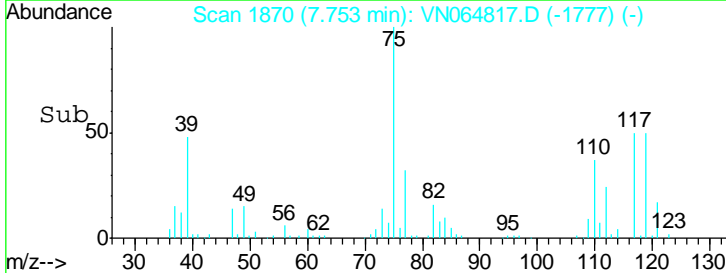
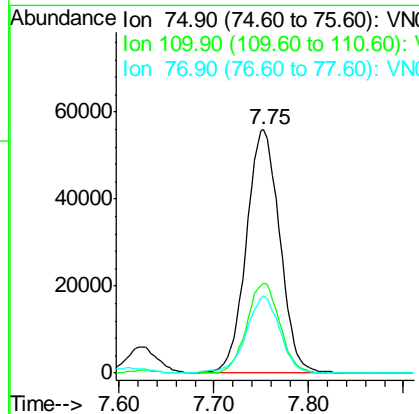
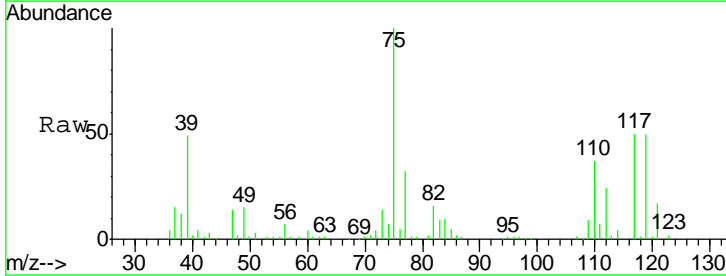
Manual Integrations  
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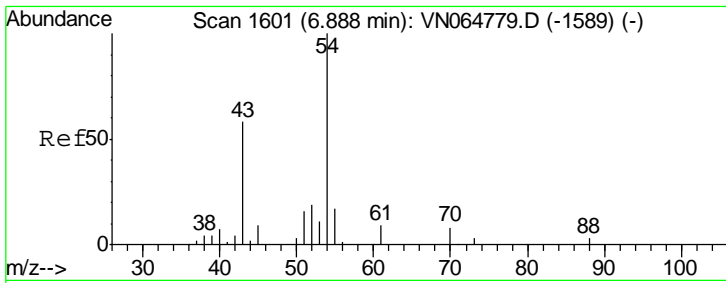
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#36  
 1,1-Dichloropropene  
 Concen: 47.149 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
75	136069		
75	100		
110	36.8	17.8	53.3
77	31.4	25.0	37.4



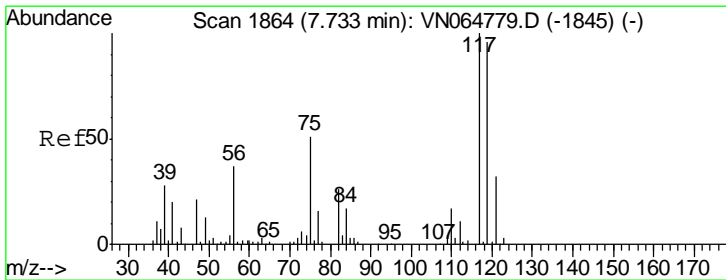
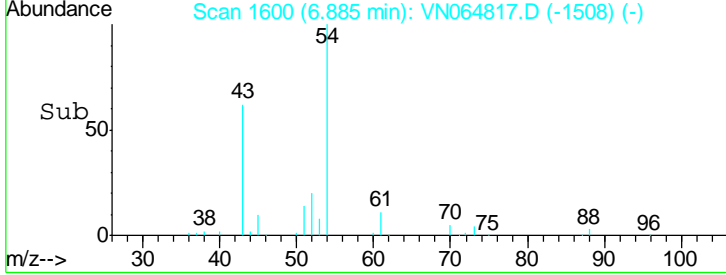
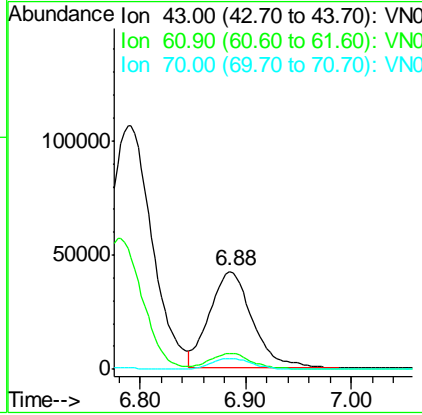
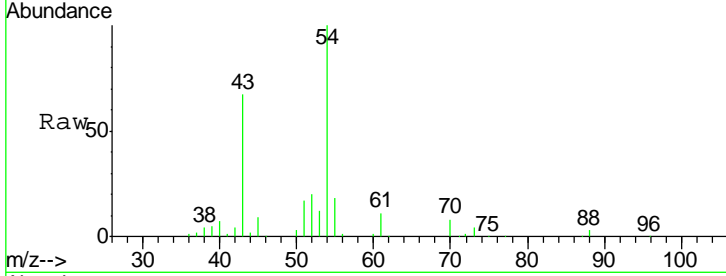


#37  
 Ethyl Acetate  
 Concen: 43.052 ug/l  
 RT: 6.88 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

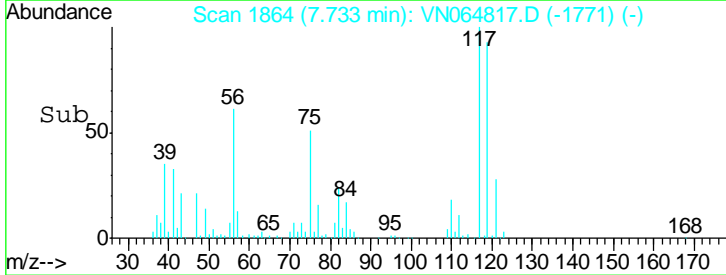
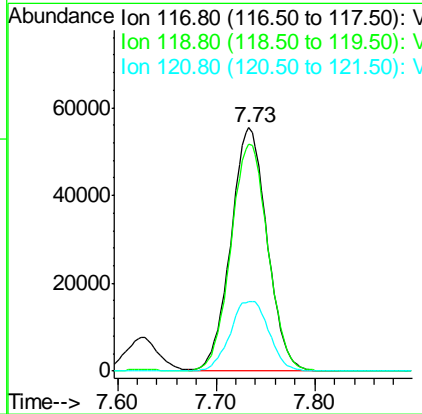
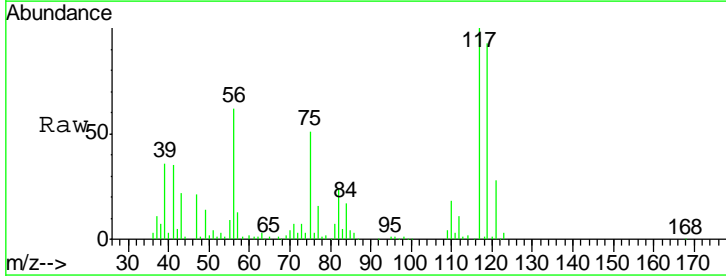
Tgt Ion	Resp	Lower	Upper
43	119682		
43	100		
61	16.8	12.8	19.2
70	11.3	8.8	13.2

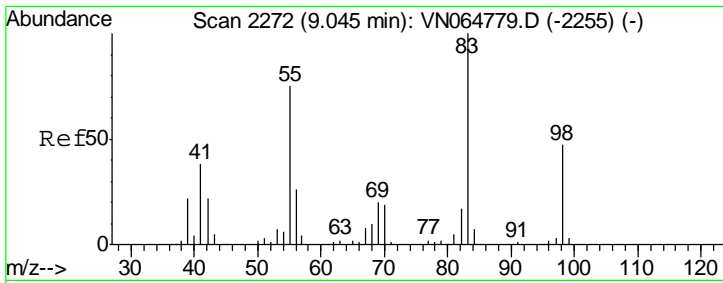
Manual Integrations  
**APPROVED**  
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#38  
 Carbon Tetrachloride  
 Concen: 47.296 ug/l  
 RT: 7.73 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
117	142021		
117	100		
119	93.4	76.7	115.1
121	28.5	25.4	38.2





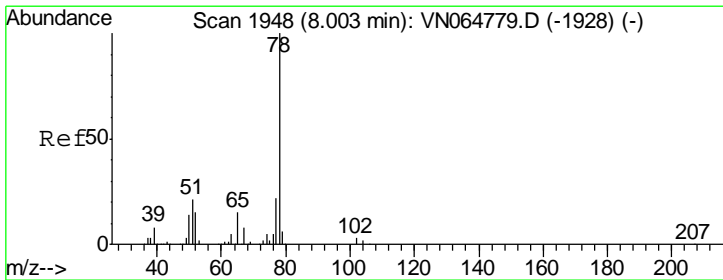
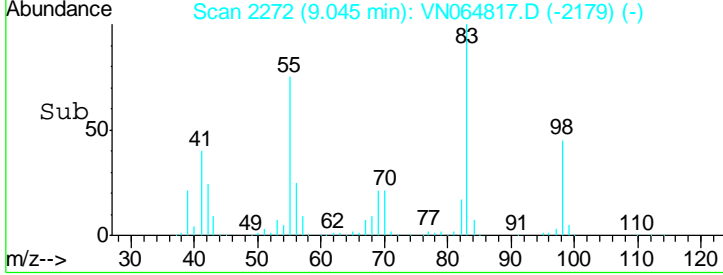
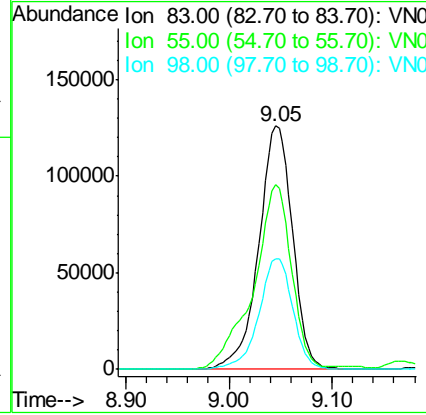
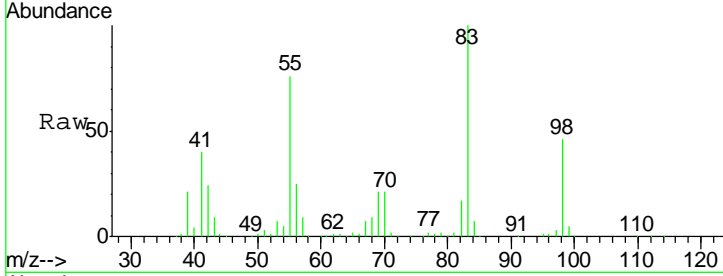
#39  
 Methylcyclohexane  
 Concen: 92.116 ug/l  
 RT: 9.05 min Scan# 2272  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
83	100		
55	75.6	60.2	90.2
98	45.6	37.4	56.2

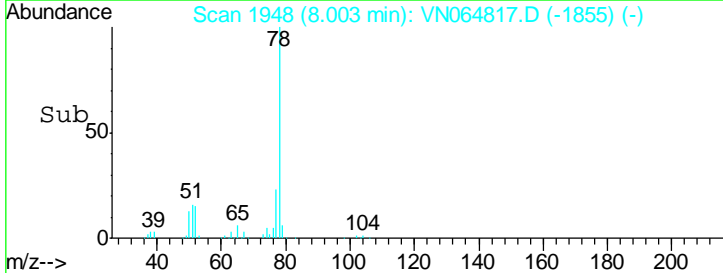
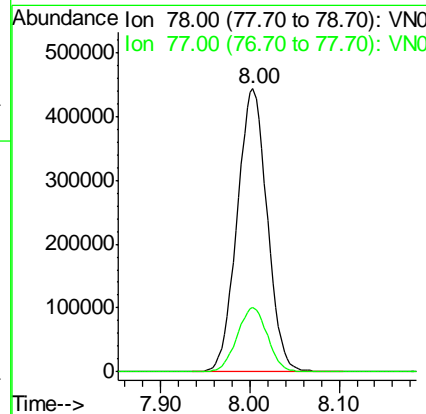
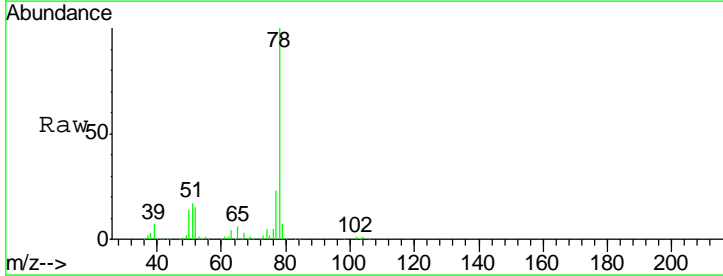
Manual Integrations  
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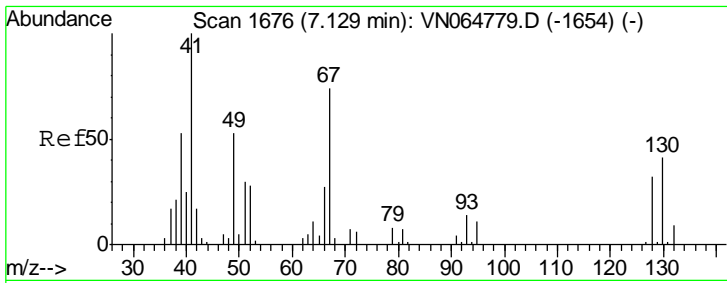


#40  
 Benzene  
 Concen: 117.222 ug/l  
 RT: 8.00 min Scan# 1948  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
78	100		
77	22.8	17.9	26.9







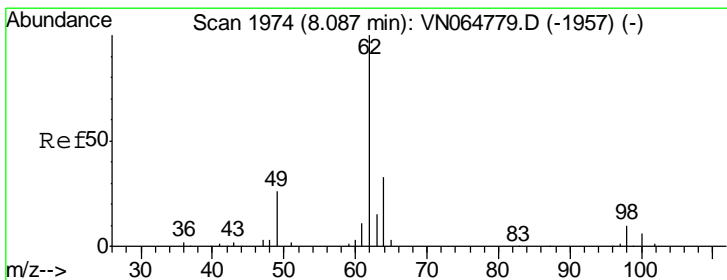
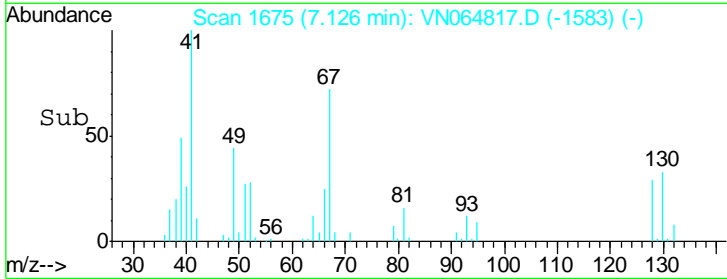
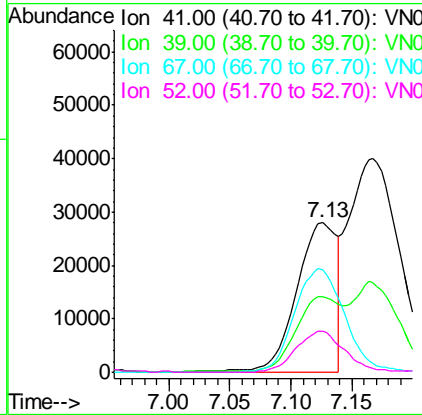
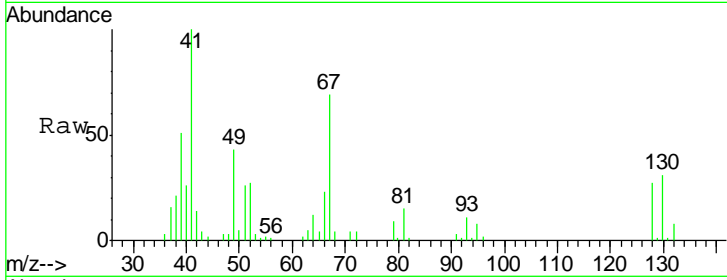
#41  
 Methacrylonitrile  
 Concen: 49.829 ug/l  
 RT: 7.13 min Scan# 1675  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

Tgt Ion	Resp	Lower	Upper
41	100		
39	52.6	51.0	76.6
67	86.4	79.8	119.8
52	33.2	31.5	47.3

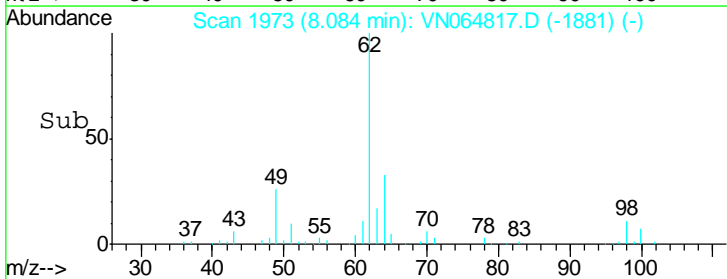
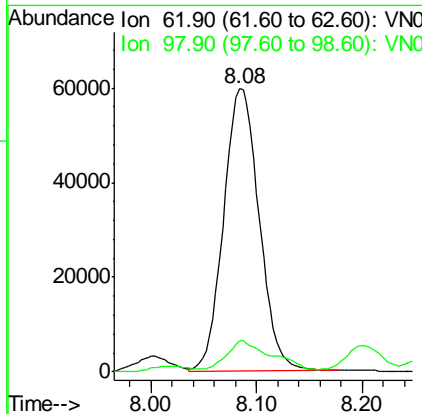
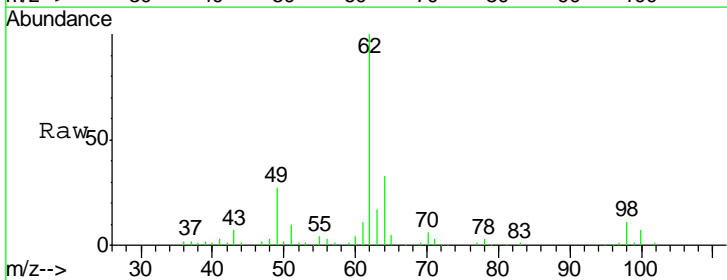
Manual Integrations  
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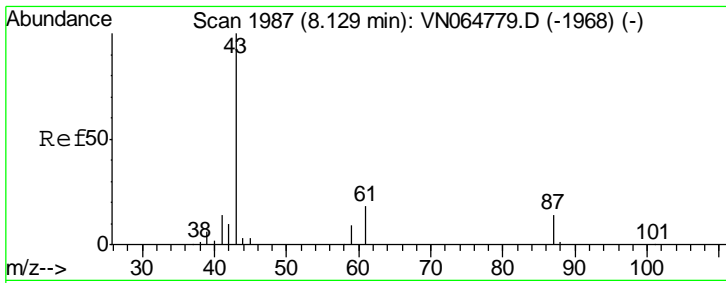
MMDadoda  
 11/25/2020 3:58:12 PM



#42  
 1,2-Dichloroethane  
 Concen: 46.758 ug/l  
 RT: 8.08 min Scan# 1973  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
62	100		
98	14.3	0.0	19.6





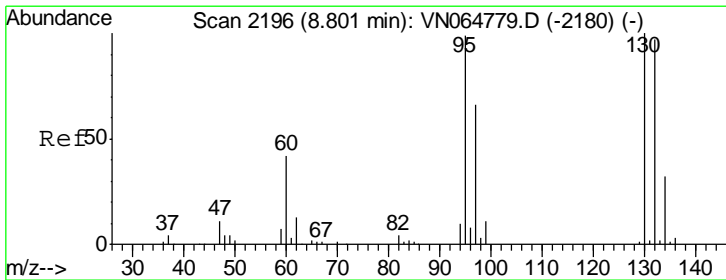
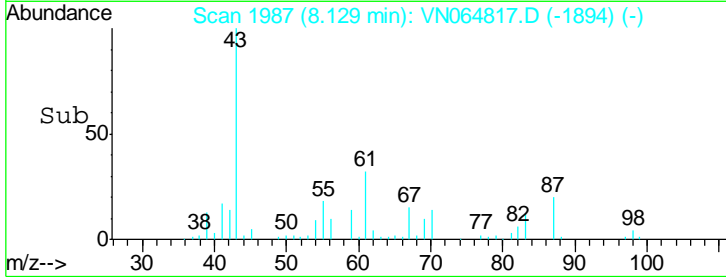
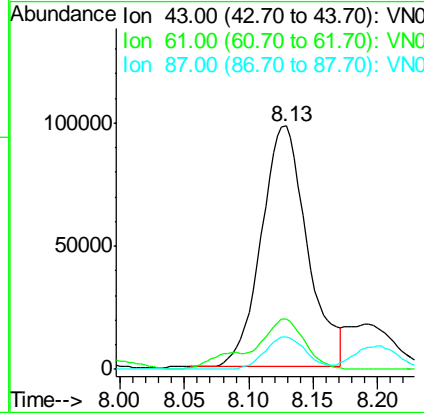
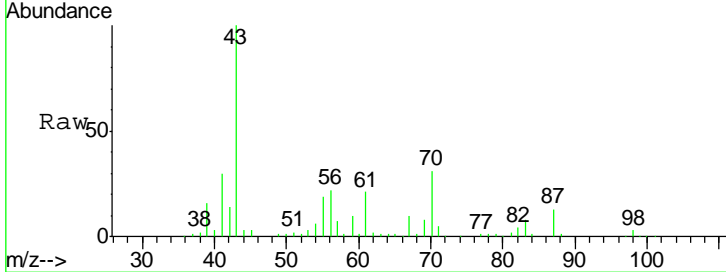
#43  
 Isopropyl Acetate  
 Concen: 54.412 ug/l  
 RT: 8.13 min Scan# 1987  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
43	100		
61	18.2	17.2	25.8
87	12.1	11.4	17.0

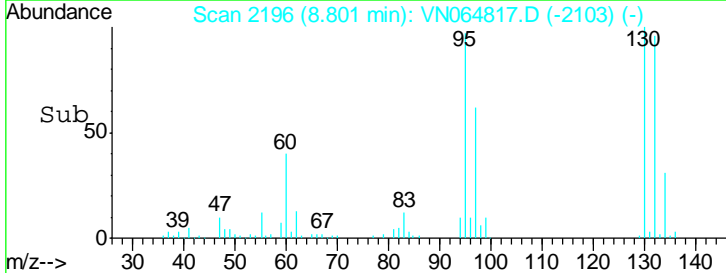
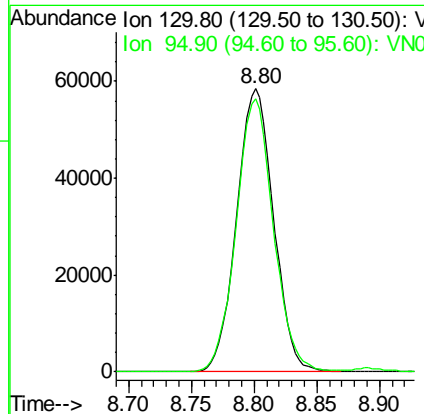
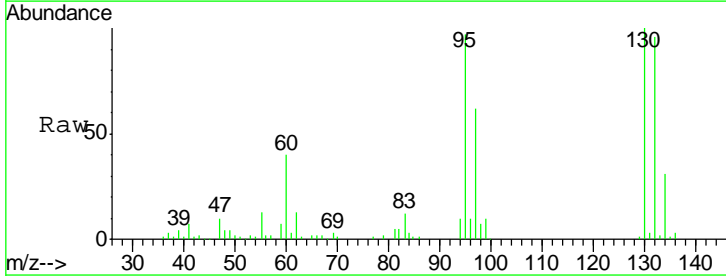
Manual Integrations  
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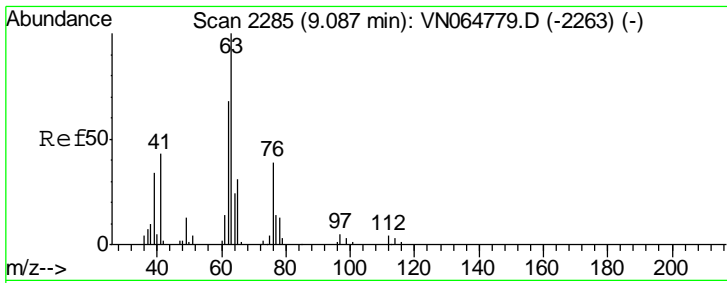
MMDadoda  
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#44  
 Trichloroethene  
 Concen: 46.034 ug/l  
 RT: 8.80 min Scan# 2196  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
130	100		
95	96.5	0.0	197.8





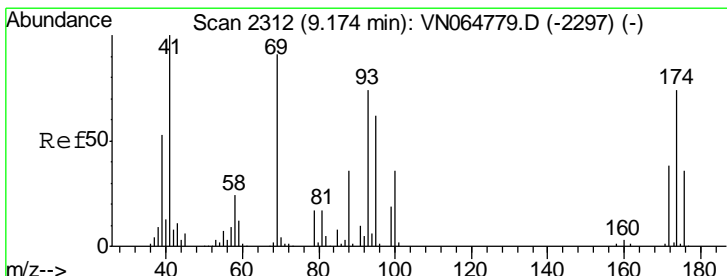
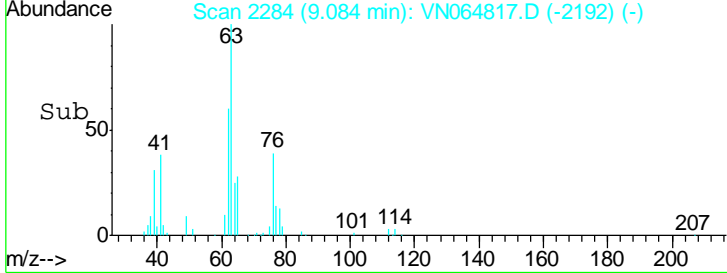
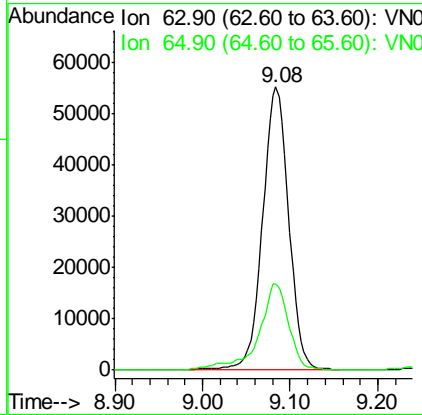
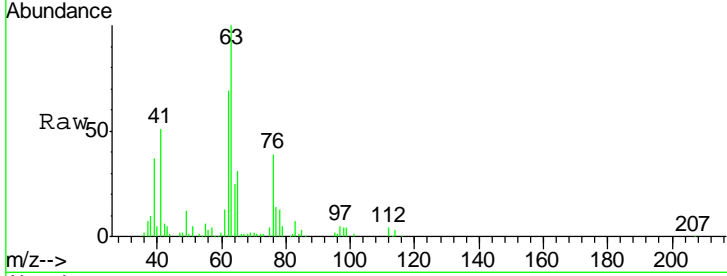
#45  
 1,2-Dichloropropane  
 Concen: 49.849 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
63	114165		
63	100		
65	30.6	25.0	37.4

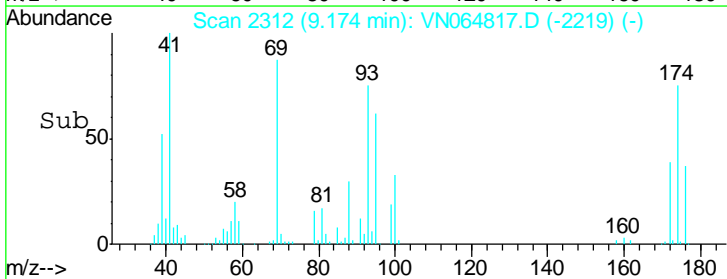
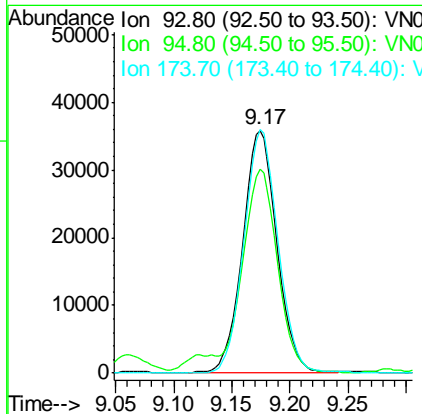
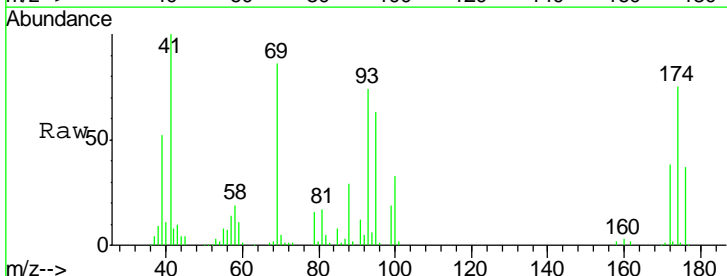
**Manual Integrations**  
**APPROVED**

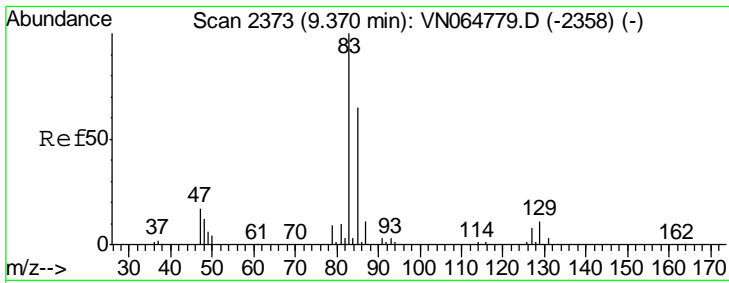
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#46  
 Dibromomethane  
 Concen: 48.136 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
93	73648		
93	100		
95	85.3	68.8	103.2
174	99.9	83.1	124.7





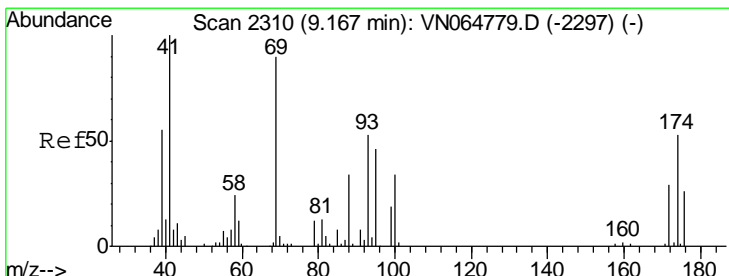
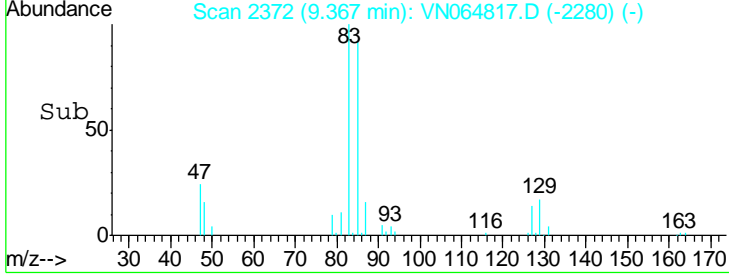
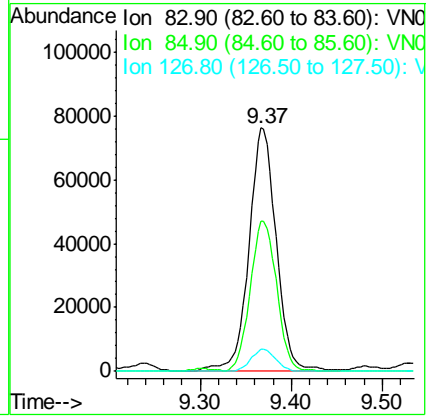
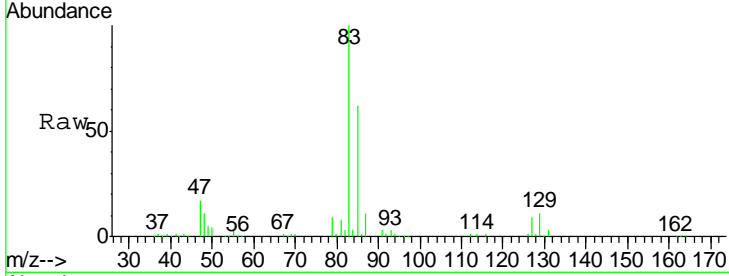
#47  
 Bromodichloromethane  
 Concen: 51.065 ug/l  
 RT: 9.37 min Scan# 2372  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
83	157207		
85	61.7	51.8	77.8
127	9.0	6.8	10.2

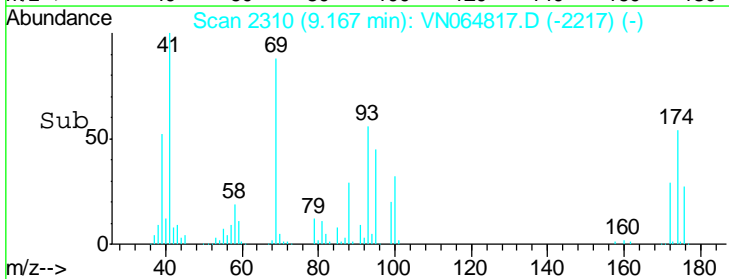
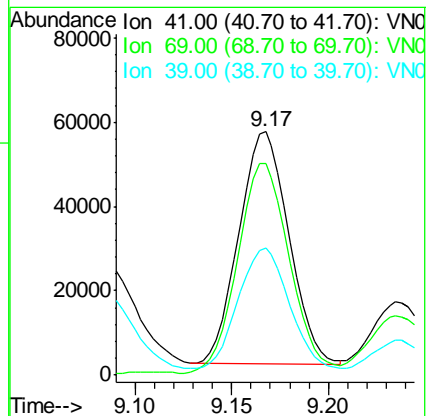
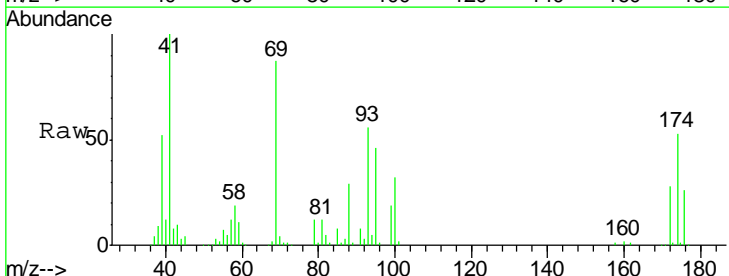
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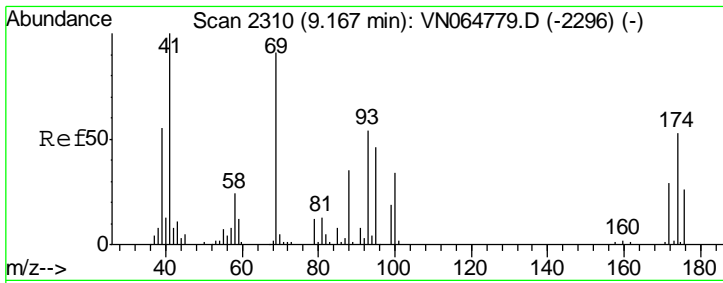
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#48  
 Methyl methacrylate  
 Concen: 46.279 ug/l  
 RT: 9.17 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

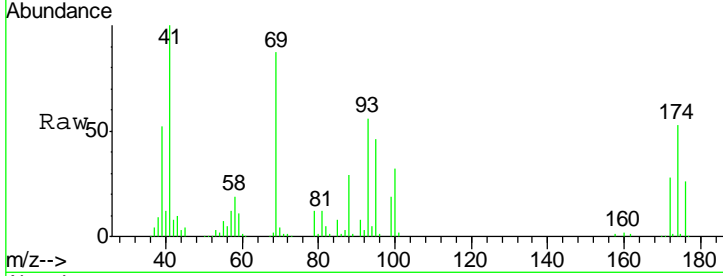
Tgt Ion	Resp	Lower	Upper
41	98921		
69	93.4	71.8	107.8
39	52.1	44.1	66.1





#49  
 1,4-Dioxane  
 Concen: 837.864 ug/l  
 RT: 9.17 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

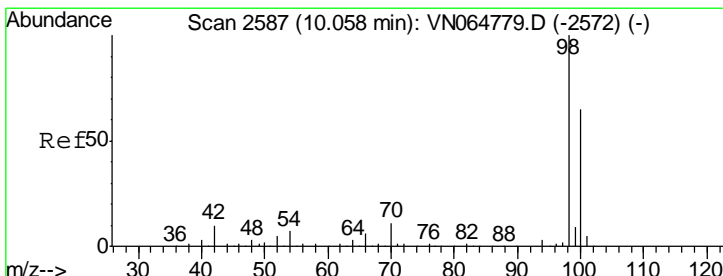
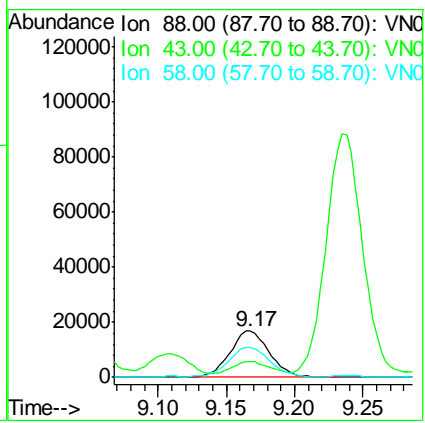
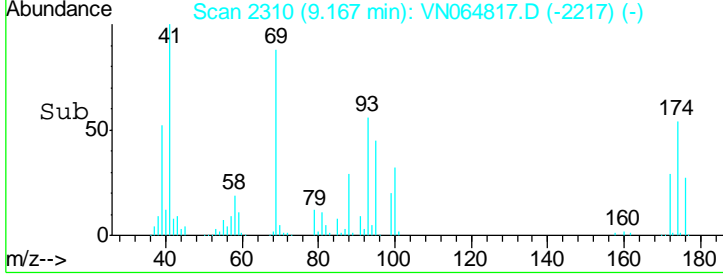
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD



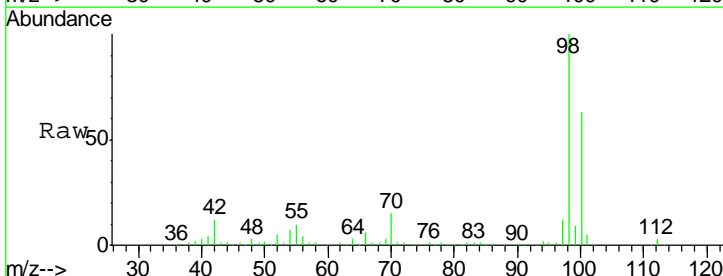
Tot Ion: 88 Resp: 33849

Ion	Ratio	Lower	Upper
88	100		
43	23.5	24.2	36.4#
58	66.0	52.5	78.7

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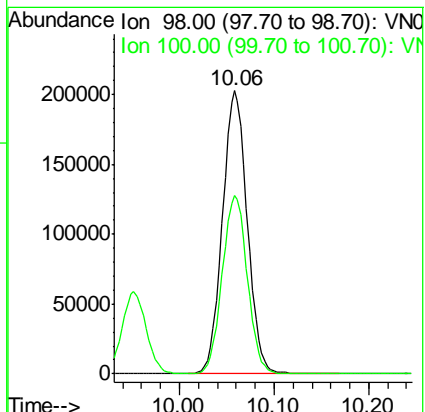
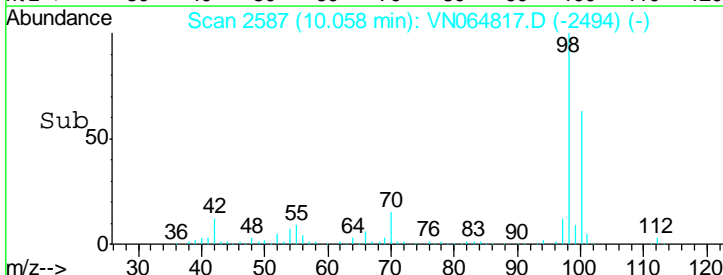


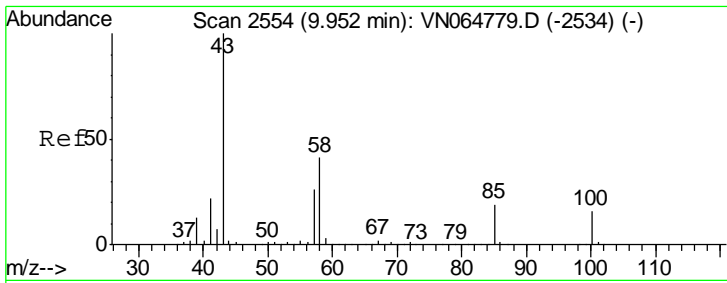
#50  
 Toluene-d8  
 Concen: 48.535 ug/l  
 RT: 10.06 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52



Tgt Ion: 98 Resp: 369465

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5





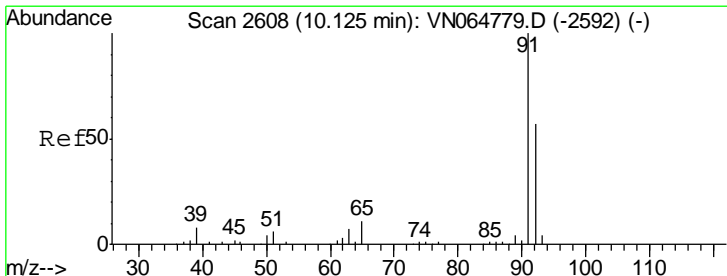
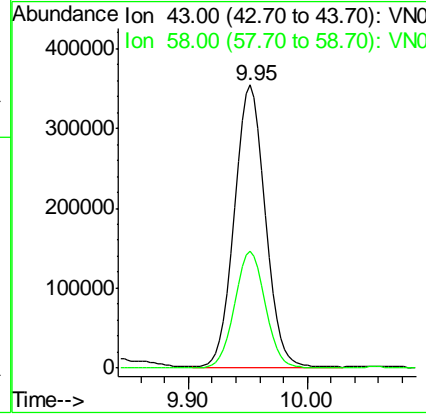
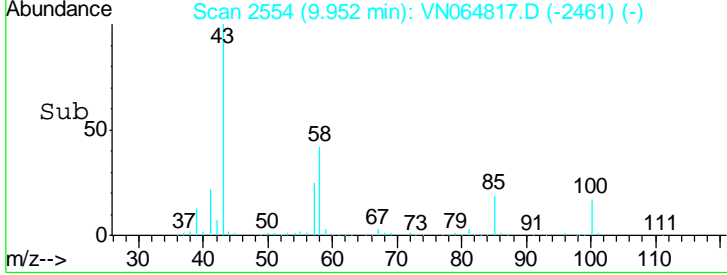
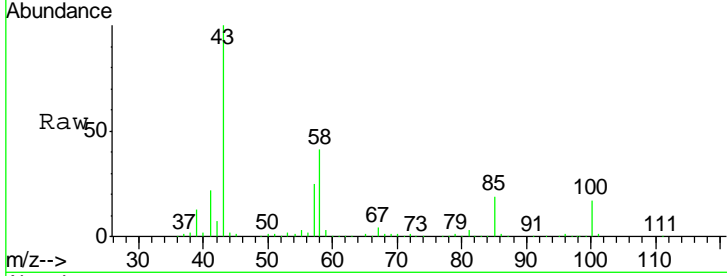
#51  
 4-Methyl-2-Pentanone  
 Concen: 235.971 ug/l  
 RT: 9.95 min Scan# 2554  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

Tgt Ion	Resp	Lower	Upper
43	100		
58	41.4	32.4	48.6

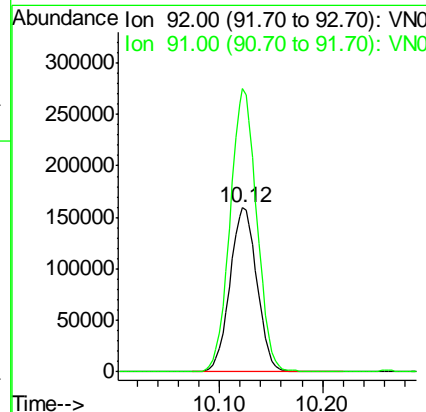
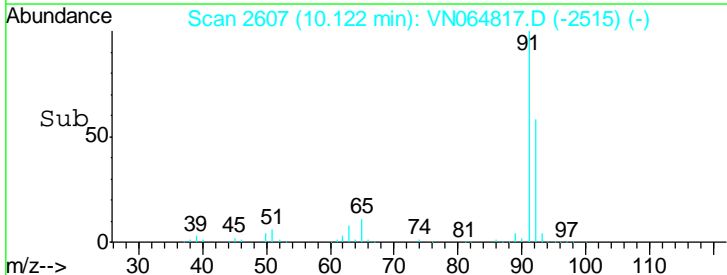
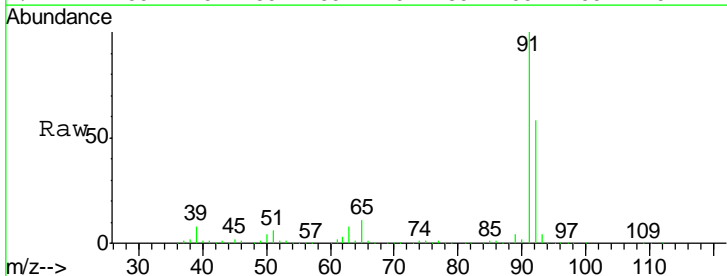
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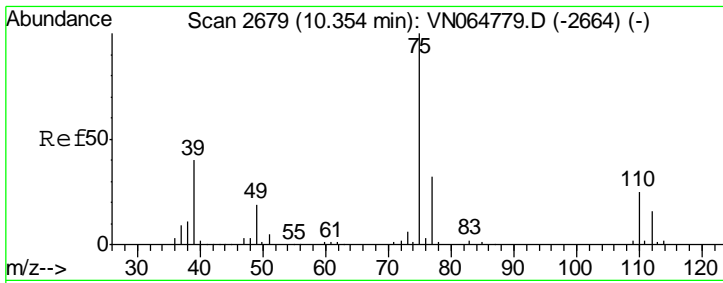
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#52  
 Toluene  
 Concen: 53.462 ug/l  
 RT: 10.12 min Scan# 2607  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
92	100		
91	169.6	139.1	208.7



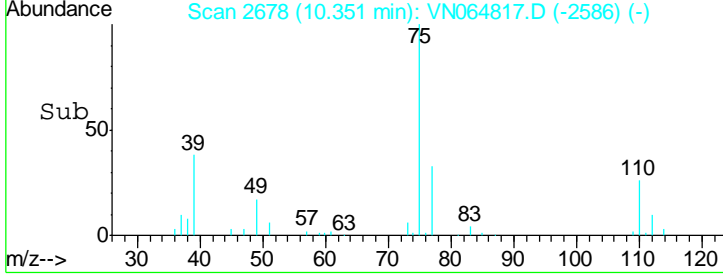
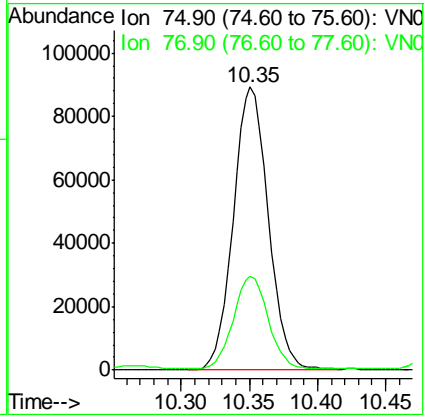
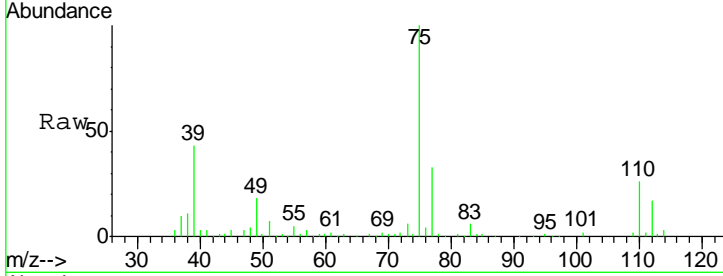


#53  
 t-1,3-Dichloropropene  
 Concen: 46.376 ug/l  
 RT: 10.35 min Scan# 2678  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD

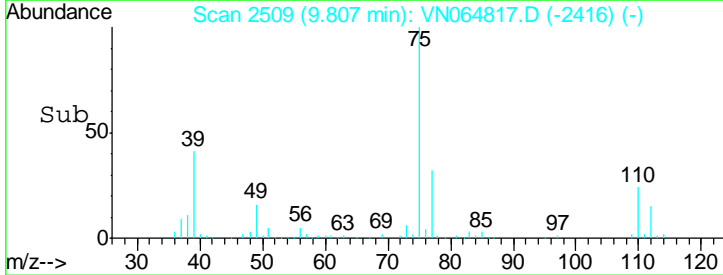
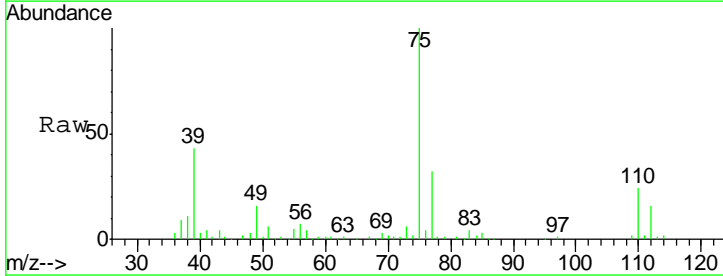
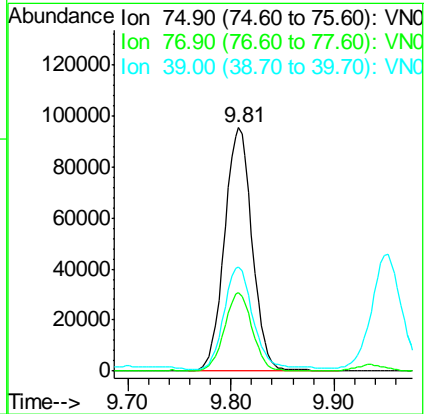
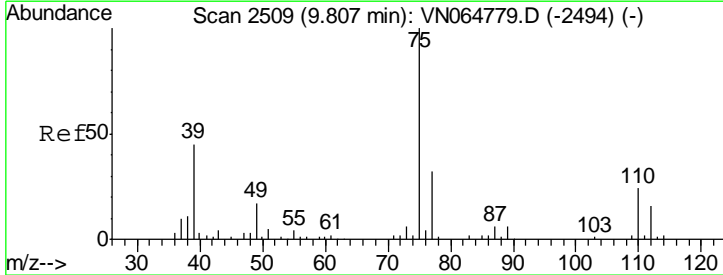
Tgt Ion	Resp	Lower	Upper
75	159019		
75	100		
77	32.6	25.8	38.6

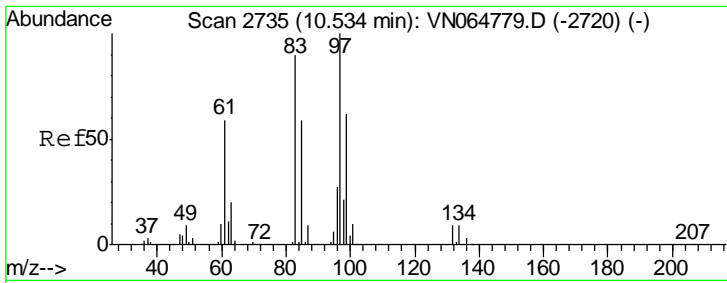
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#54  
 cis-1,3-Dichloropropene  
 Concen: 48.499 ug/l  
 RT: 9.81 min Scan# 2509  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
75	178251		
75	100		
77	32.1	25.5	38.3
39	42.2	35.6	53.4





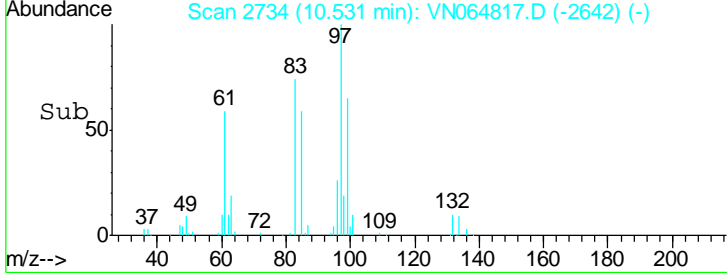
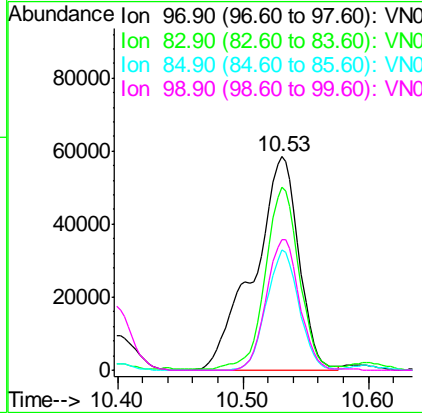
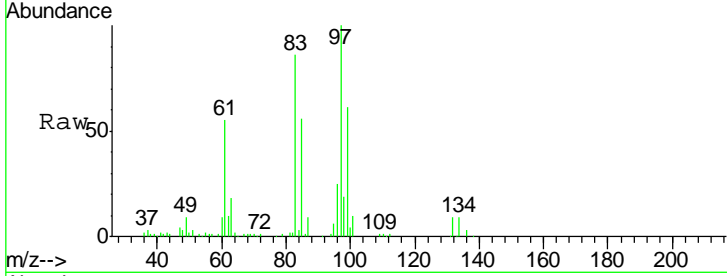
#55  
 1,1,2-Trichloroethane  
 Concen: 65.003 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
97	145578		
83	85.3	72.1	108.1
85	56.1	46.8	70.2
99	61.2	49.6	74.4

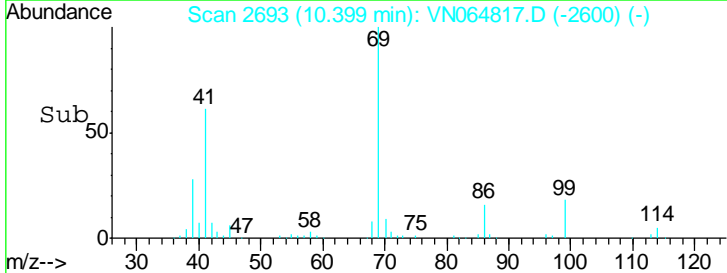
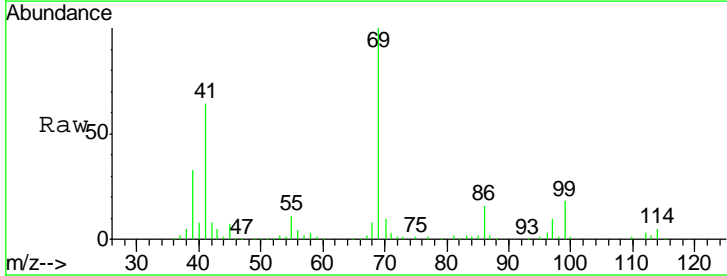
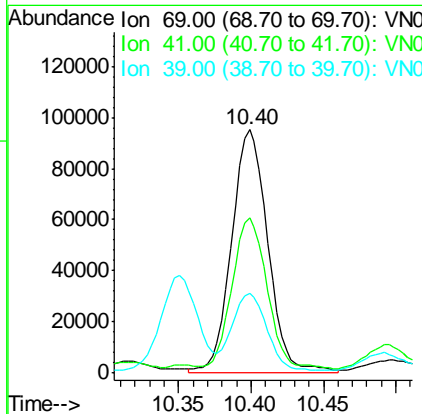
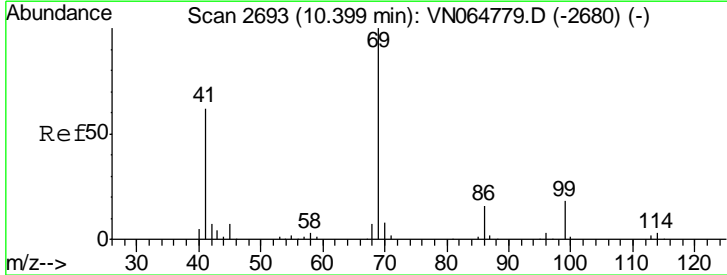
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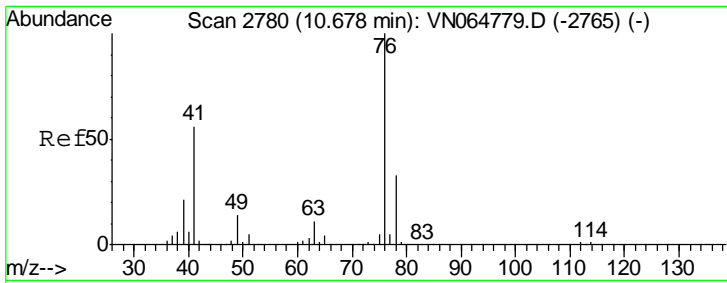


#56  
 Ethyl methacrylate  
 Concen: 53.372 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
69	164947		
41	59.4	49.4	74.0
39	30.1	25.9	38.9





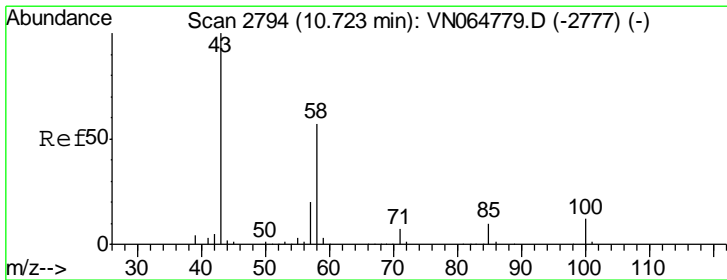
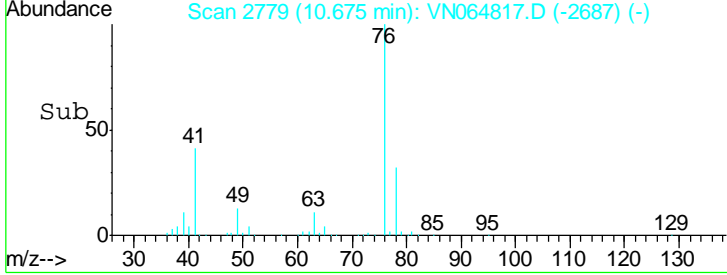
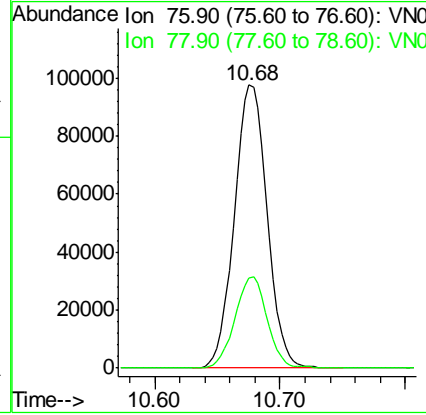
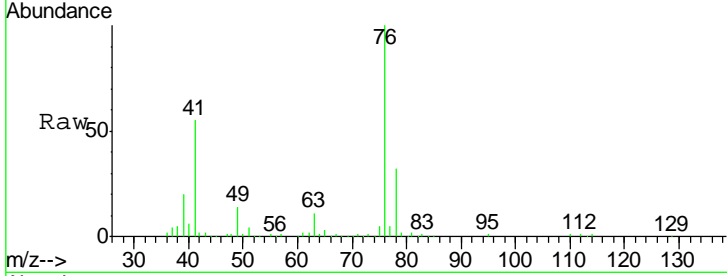


#57  
 1,3-Dichloropropane  
 Concen: 47.881 ug/l  
 RT: 10.68 min Scan# 2779  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

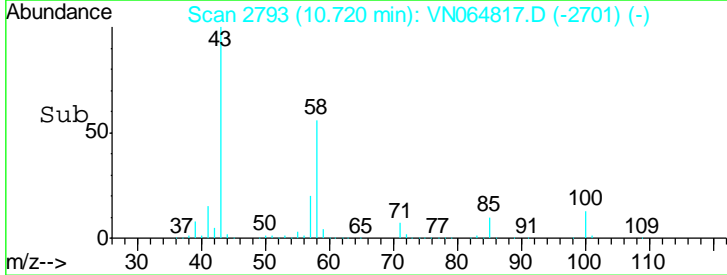
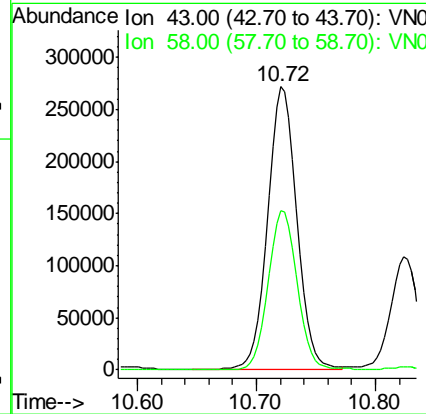
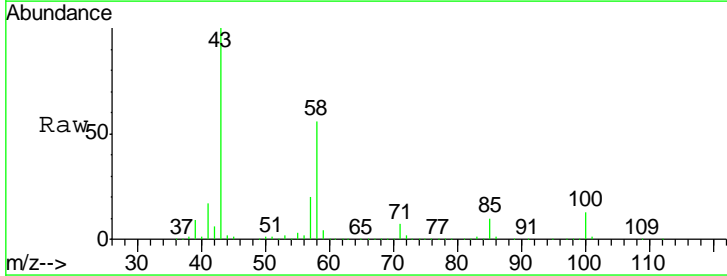
Tgt Ion	Resp	Lower	Upper
76	176889		
76	100		
78	31.9	26.1	39.1

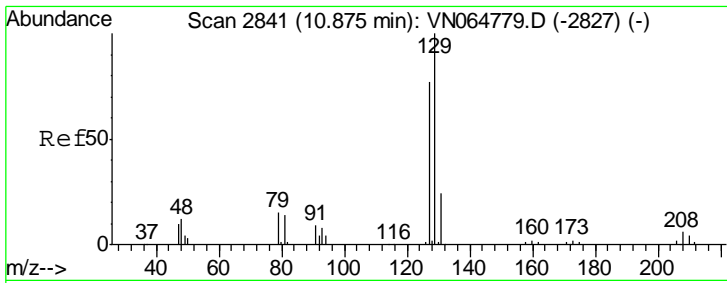
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#59  
 2-Hexanone  
 Concen: 238.770 ug/l  
 RT: 10.72 min Scan# 2793  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
43	461478		
43	100		
58	56.2	28.3	84.9



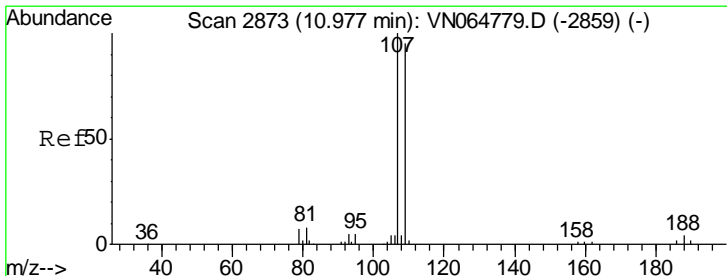
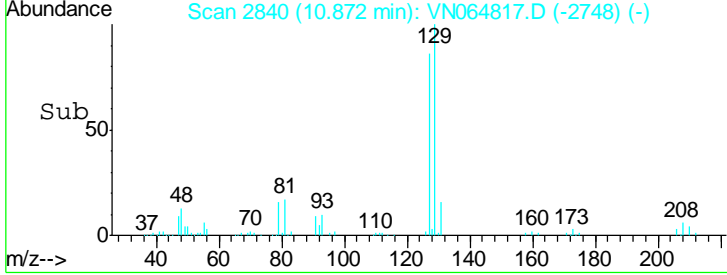
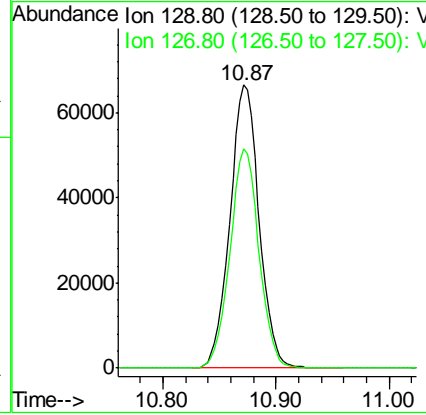
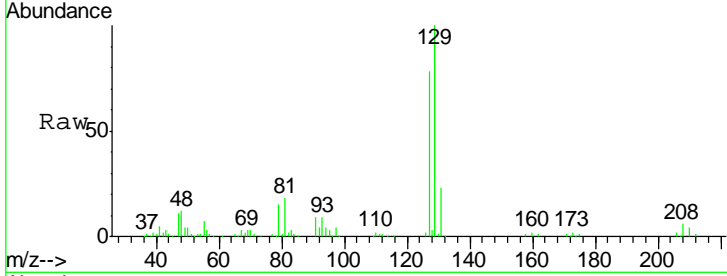


#60  
 Dibromochloromethane  
 Concen: 47.832 ug/l  
 RT: 10.87 min Scan# 2840  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

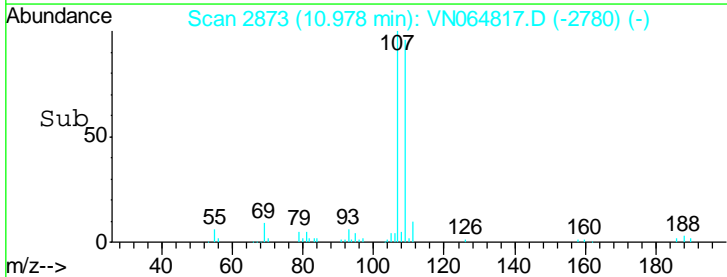
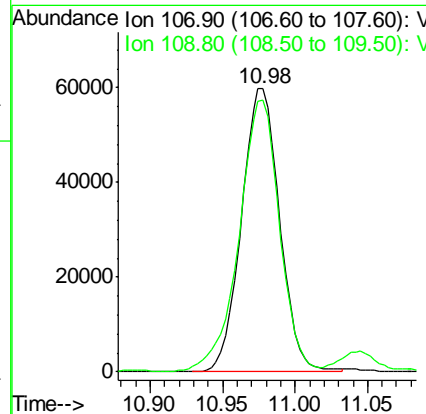
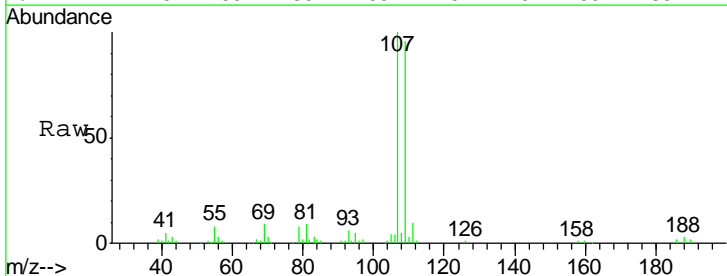
Tgt Ion:129 Resp: 119074  
 Ion Ratio Lower Upper  
 129 100  
 127 77.0 39.1 117.2

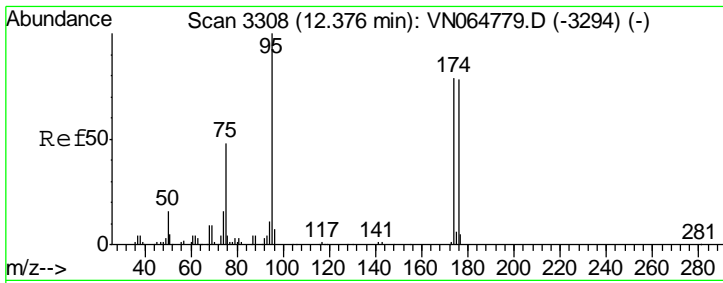
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#61  
 1,2-Dibromoethane  
 Concen: 47.934 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion:107 Resp: 109065  
 Ion Ratio Lower Upper  
 107 100  
 109 102.1 76.0 114.0



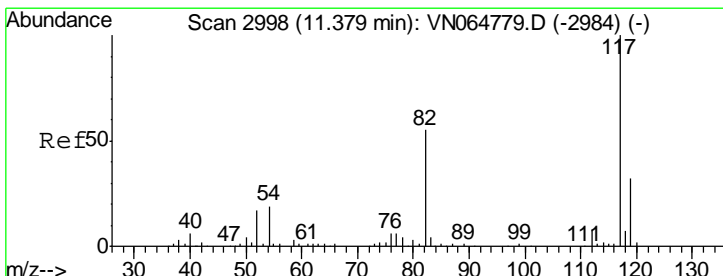
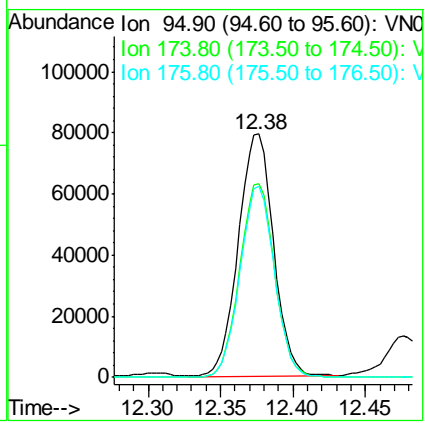
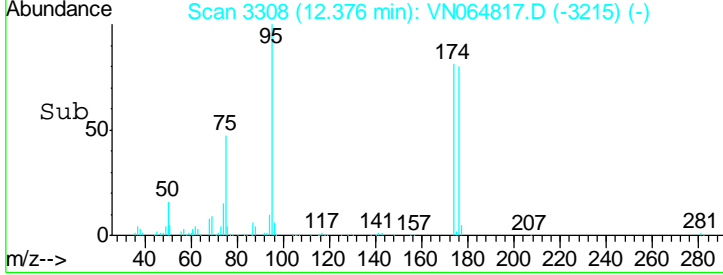
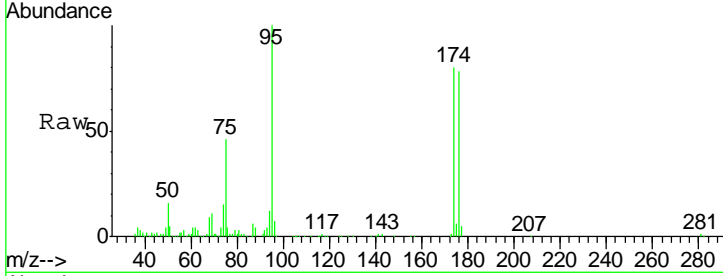


#62  
 4-Bromofluorobenzene  
 Concen: 49.364 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

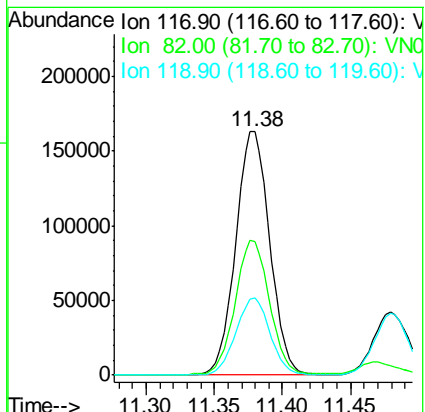
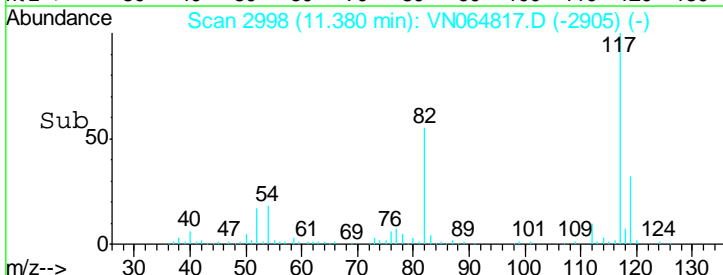
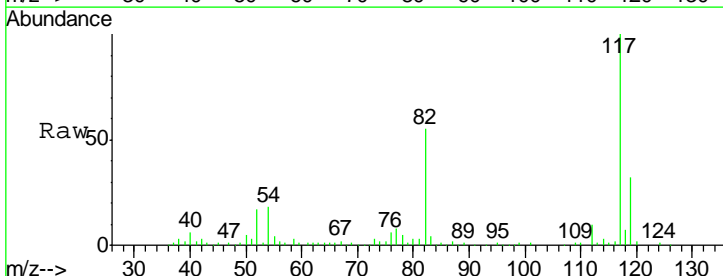
Tgt Ion	Resp	Lower	Upper
95	134482		
95	100		
174	79.3	0.0	160.4
176	76.9	0.0	158.4

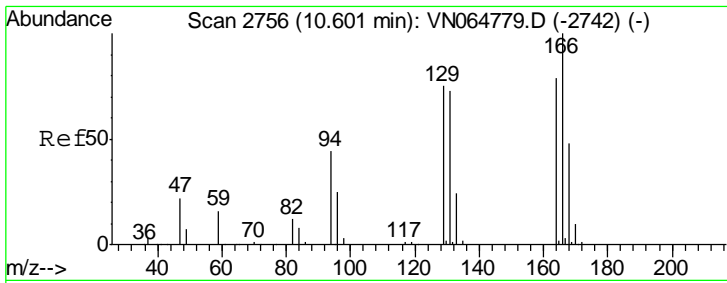
Manual Integrations  
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#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.38 min Scan# 2998  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
117	282939		
117	100		
82	54.6	44.2	66.2
119	32.0	25.8	38.6





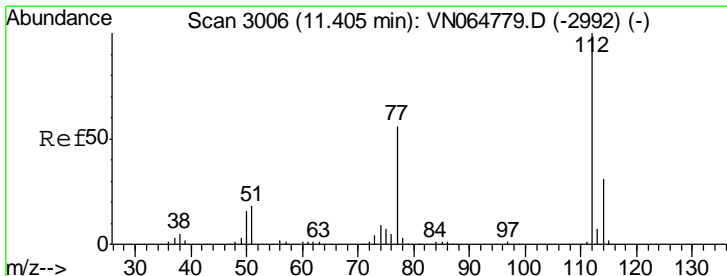
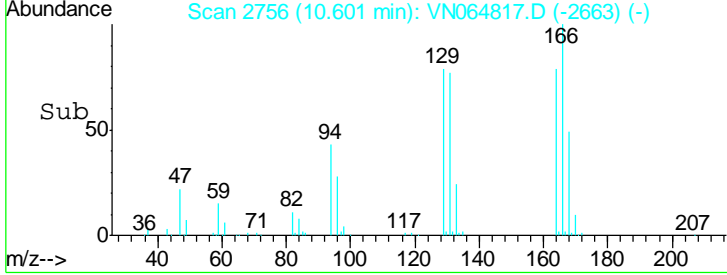
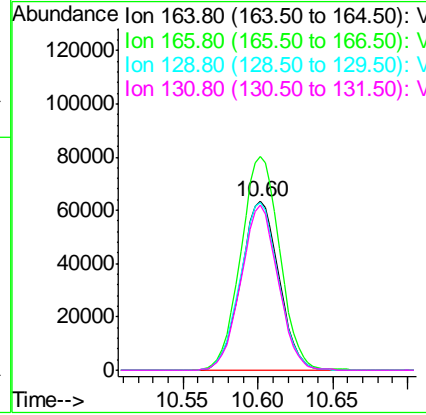
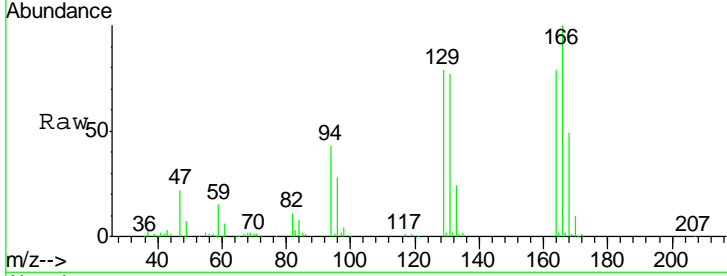
#64  
 Tetrachloroethene  
 Concen: 40.997 ug/l  
 RT: 10.60 min Scan# 2756  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
164	100		
166	126.7	101.4	152.0
129	99.5	76.1	114.1
131	97.7	74.2	111.2

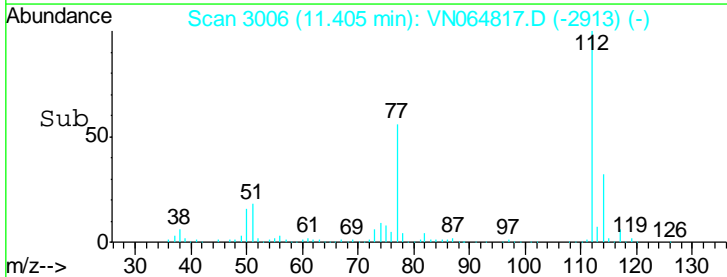
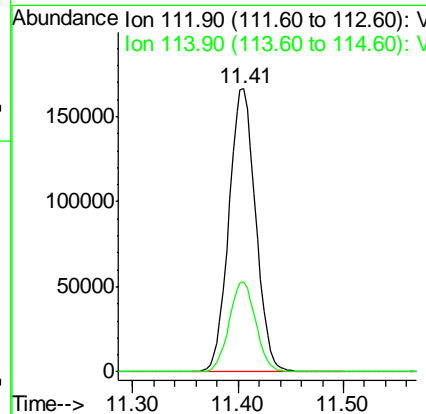
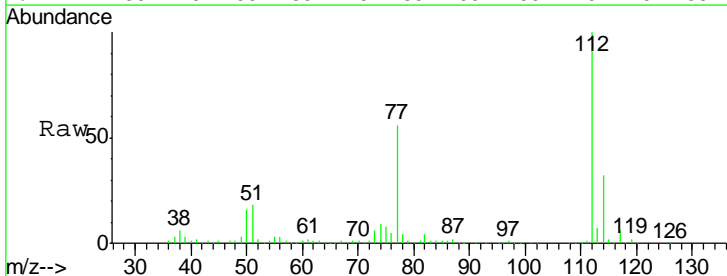
Manual Integrations  
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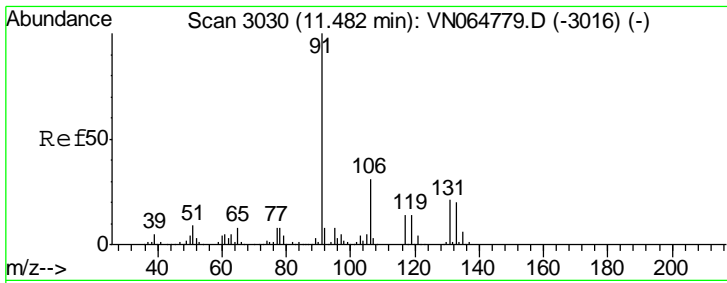
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#65  
 Chlorobenzene  
 Concen: 48.033 ug/l  
 RT: 11.41 min Scan# 3006  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
112	100		
114	31.8	25.1	37.7





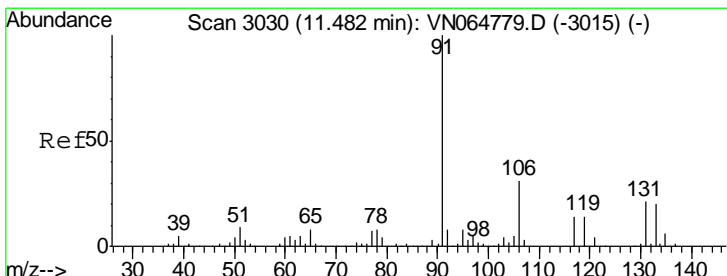
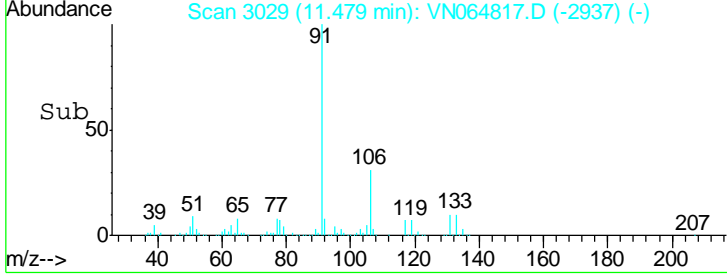
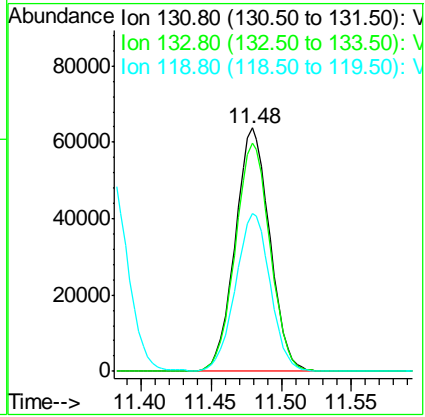
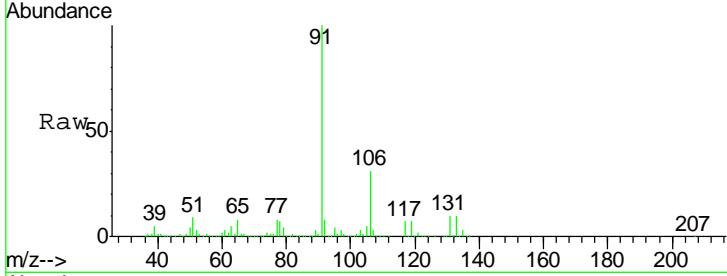
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 48.946 ug/l  
 RT: 11.48 min Scan# 3029  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
131	109294		
106	100		
133	94.4	47.5	142.5
119	65.3	33.3	99.8

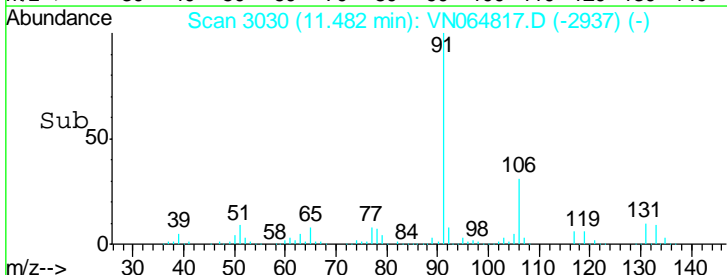
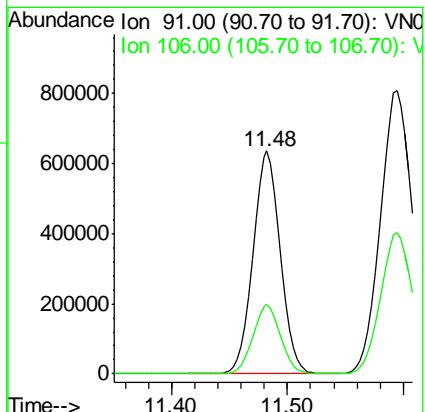
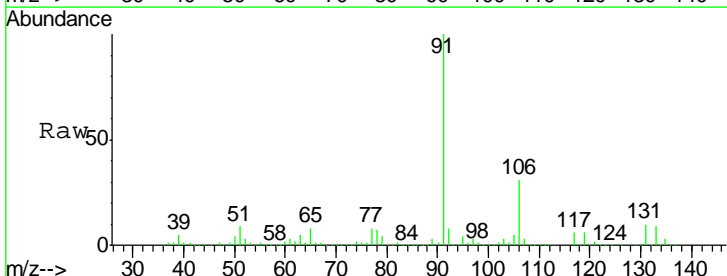
Manual Integrations  
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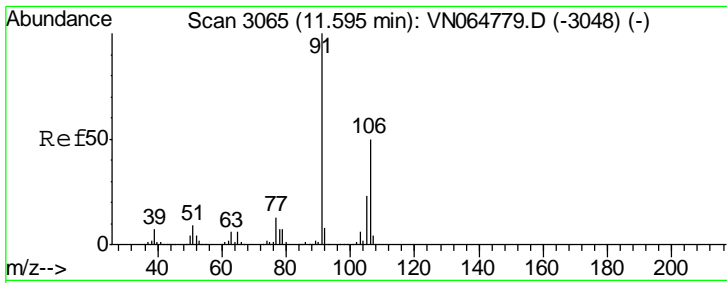
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#67  
 Ethyl Benzene  
 Concen: 103.213 ug/l  
 RT: 11.48 min Scan# 3030  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
91	1047657		
106	31.1	25.2	37.8



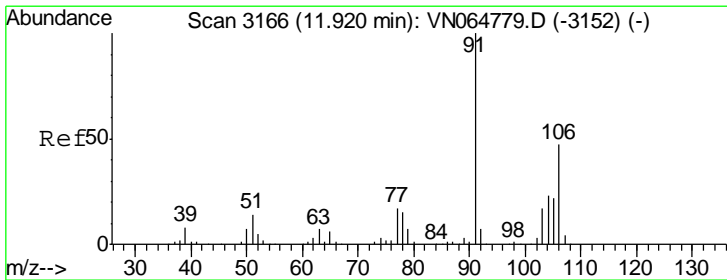
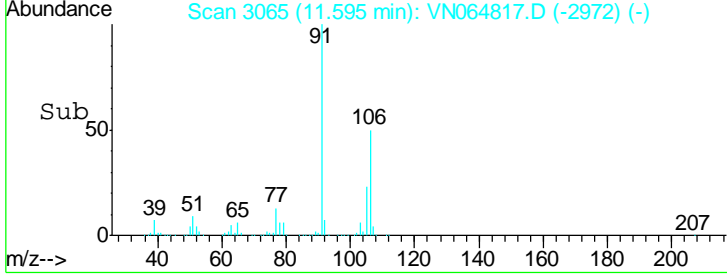
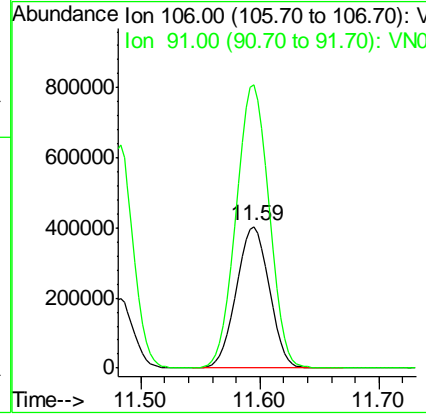
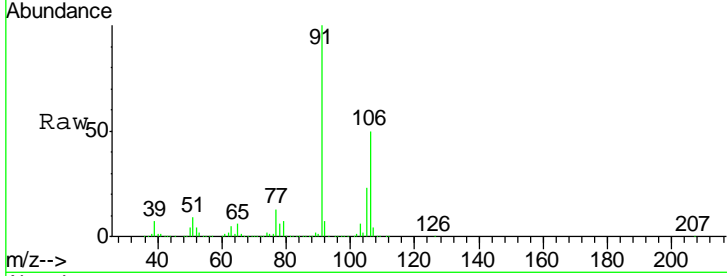


#68  
 m/p-Xylenes  
 Concen: 201.583 ug/l  
 RT: 11.59 min Scan# 3065  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 Client Sampled : MW-2MSD

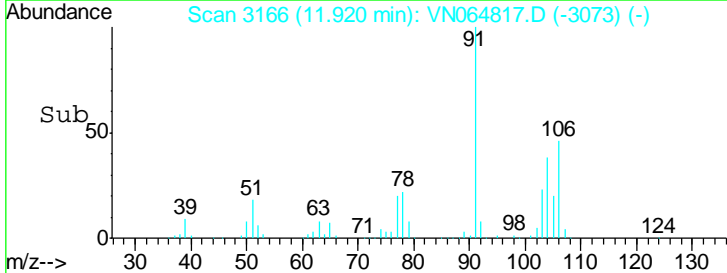
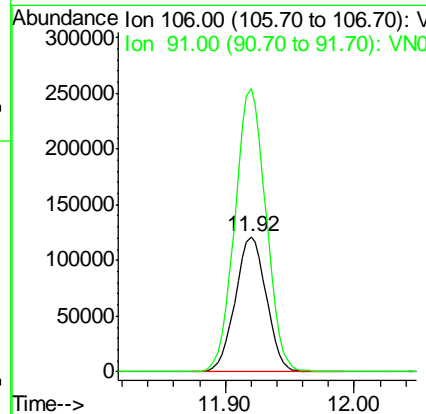
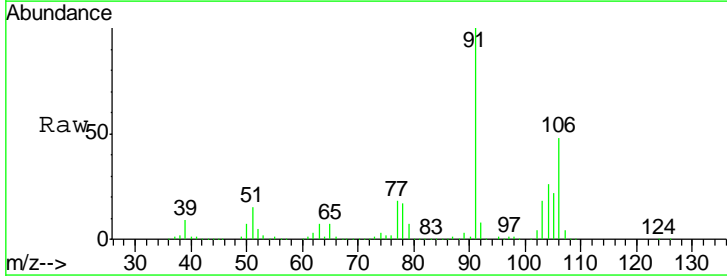
Tgt Ion	Resp	Lower	Upper
106	774690		
106	100		
91	200.9	161.0	241.4

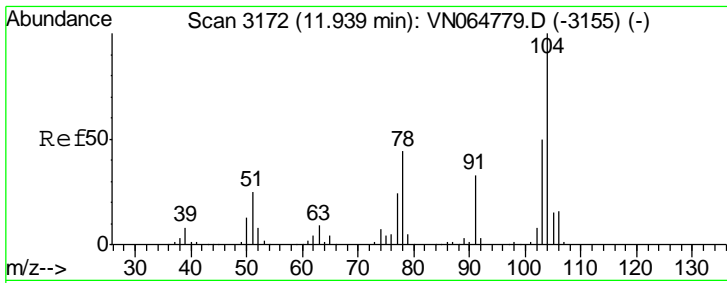
Manual Integrations APPROVED  
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#69  
 o-Xylene  
 Concen: 55.509 ug/l  
 RT: 11.92 min Scan# 3166  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
106	202431		
106	100		
91	210.4	105.5	316.5





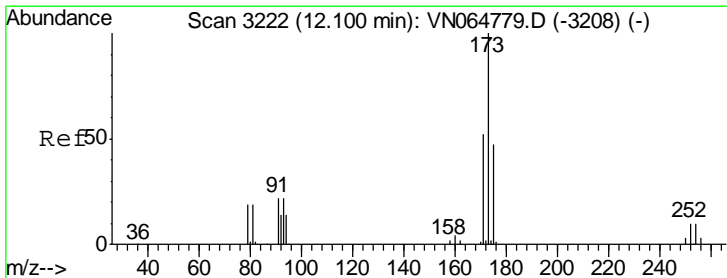
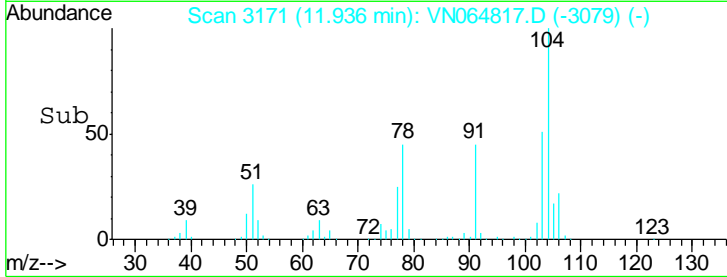
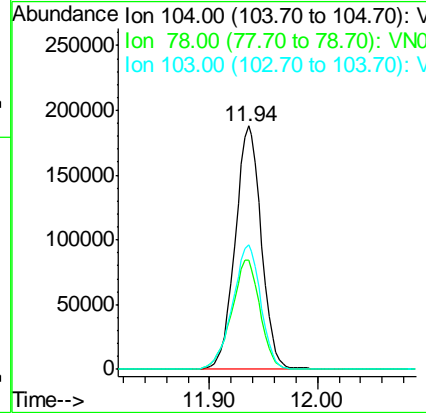
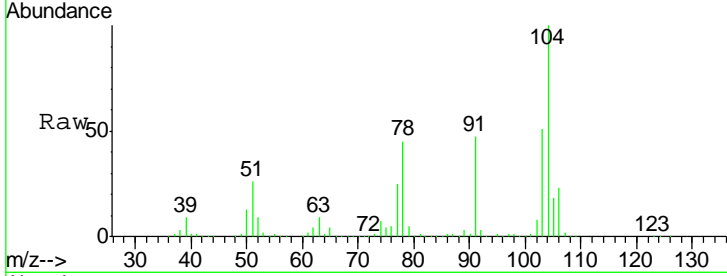
#70  
 Styrene  
 Concen: 51.591 ug/l  
 RT: 11.94 min Scan# 3171  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
104	100		
78	49.1	39.0	58.6
103	55.2	44.3	66.5

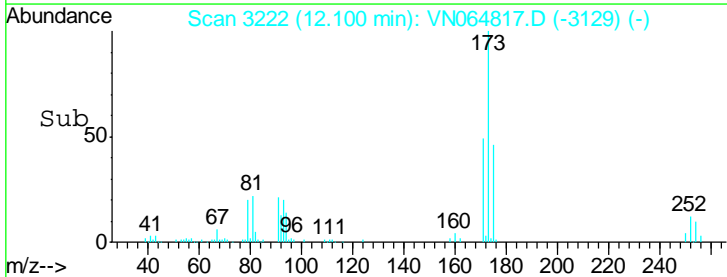
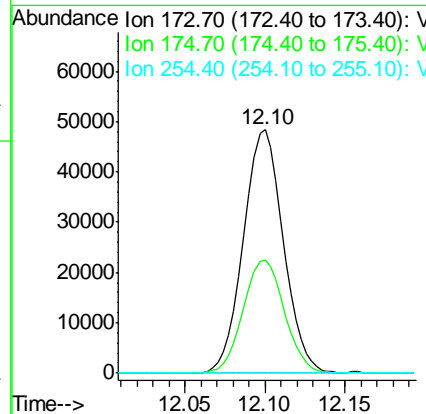
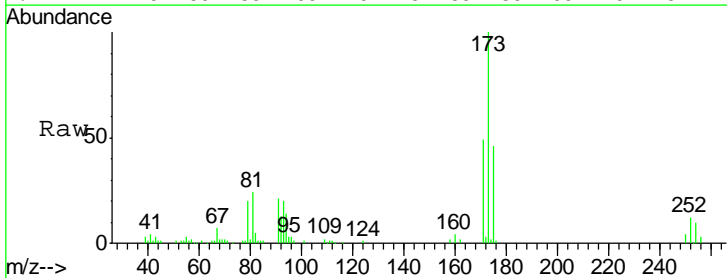
**Manual Integrations**  
**APPROVED**

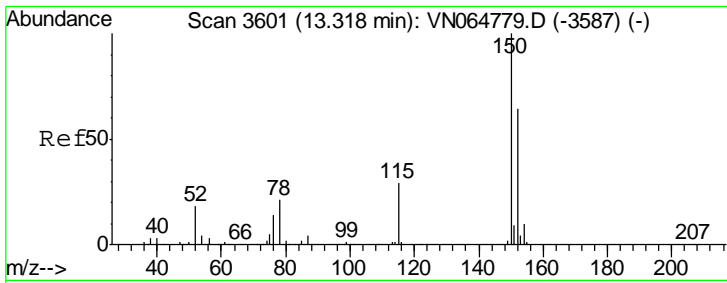
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#71  
 Bromoform  
 Concen: 46.150 ug/l  
 RT: 12.10 min Scan# 3222  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

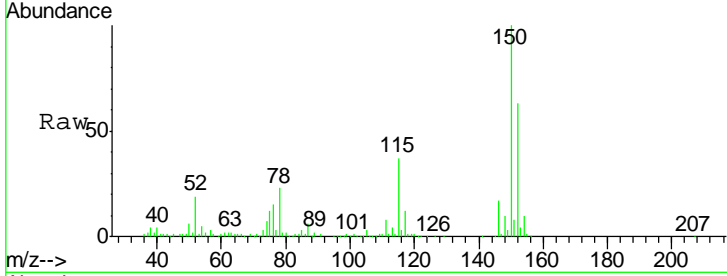
Tgt Ion	Resp	Lower	Upper
173	100		
175	48.1	24.3	72.8
254	0.0	0.0	0.0





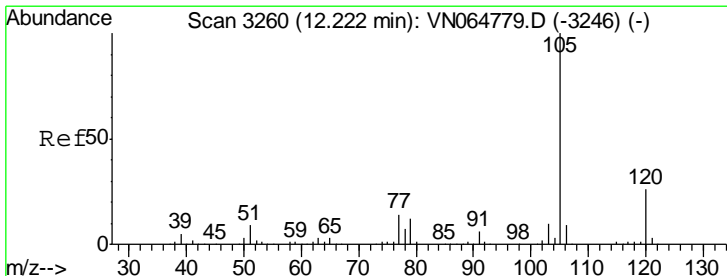
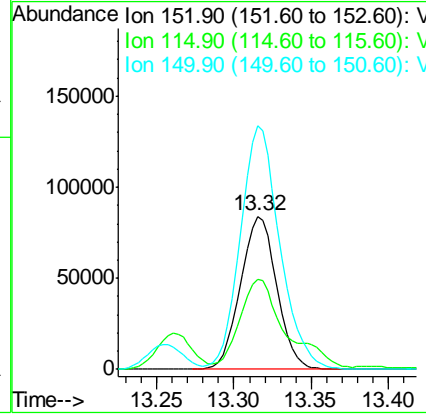
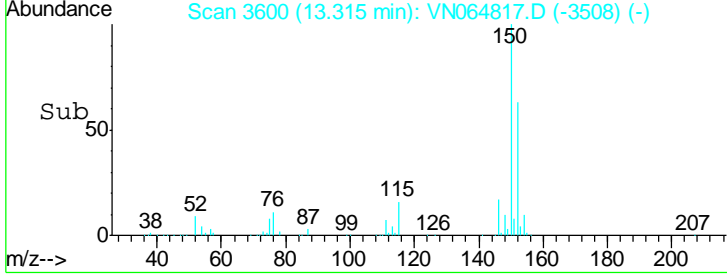
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.32 min Scan# 3600  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

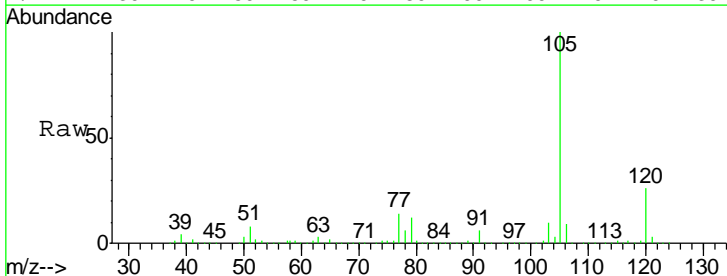


Tgt Ion	Resp	Lower	Upper
152	100		
115	71.6	29.7	89.1
150	171.8	0.0	350.6

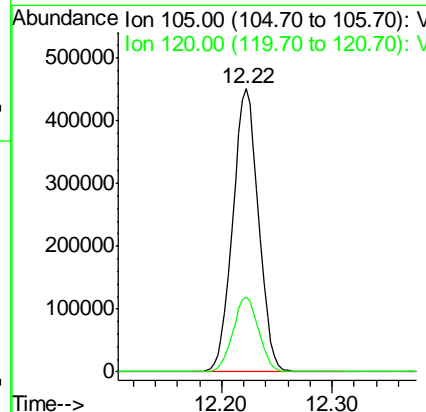
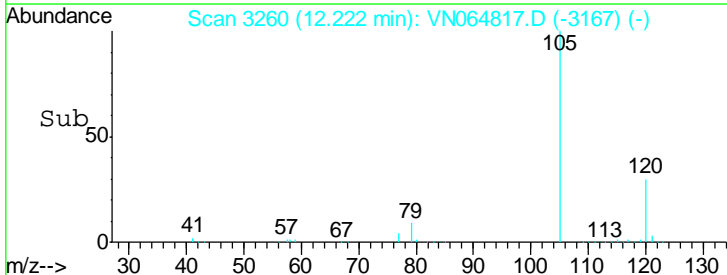
Manual Integrations APPROVED  
 MMDadoda  
 11/25/2020 3:58:12 PM



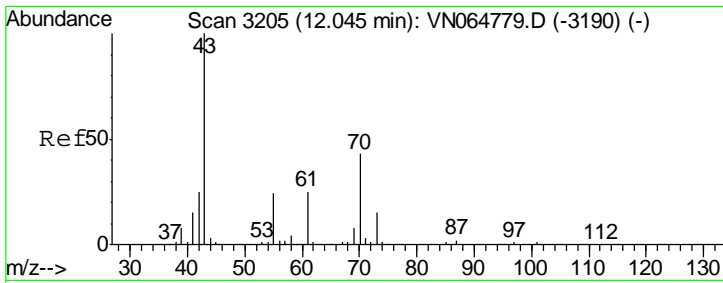
#73  
 Isopropylbenzene  
 Concen: 76.466 ug/l  
 RT: 12.22 min Scan# 3260  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52



Tgt Ion	Resp	Lower	Upper
105	100		
120	26.5	13.3	39.9

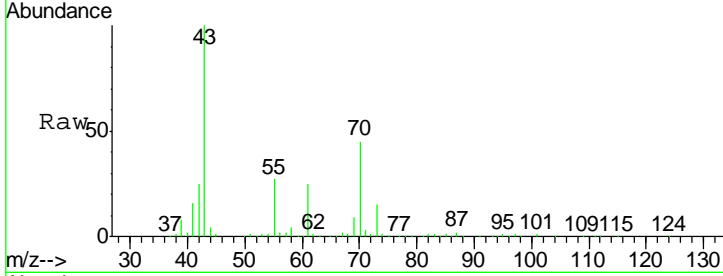






#74  
 N-amyl acetate  
 Concen: 48.426 ug/l  
 RT: 12.04 min Scan# 3204  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

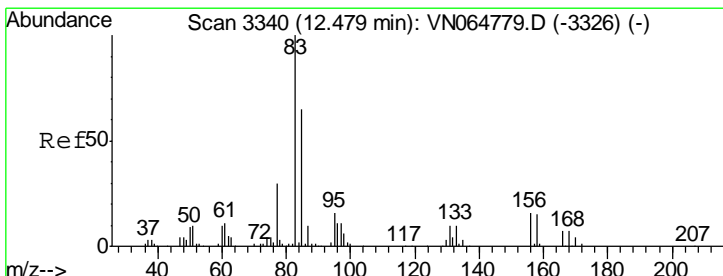
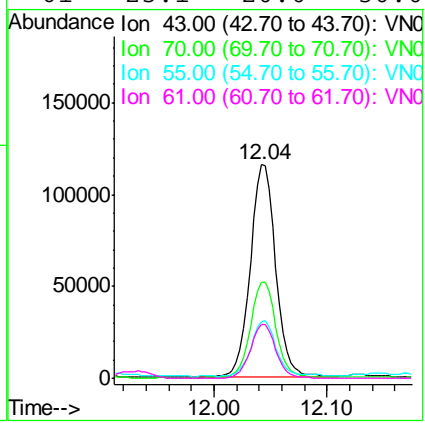
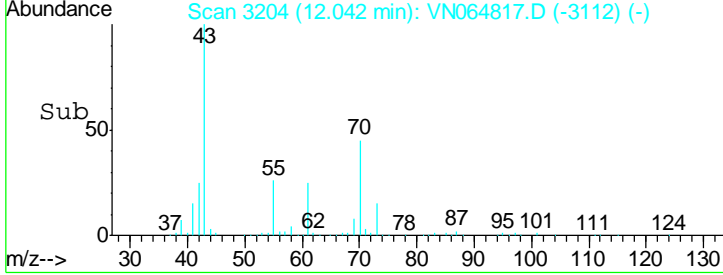
Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD



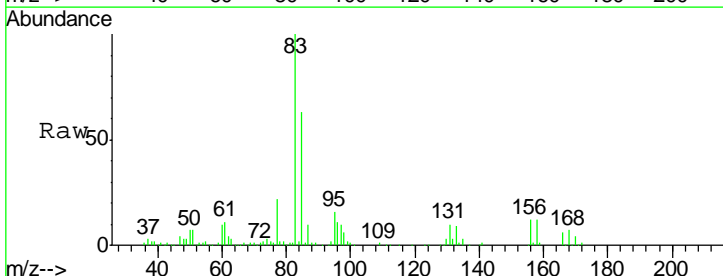
Tgt Ion: 43 Resp: 181759

Ion	Ratio	Lower	Upper
43	100		
70	44.5	34.5	51.7
55	26.1	20.4	30.6
61	25.1	20.0	30.0

Manual Integrations  
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 MMDadoda  
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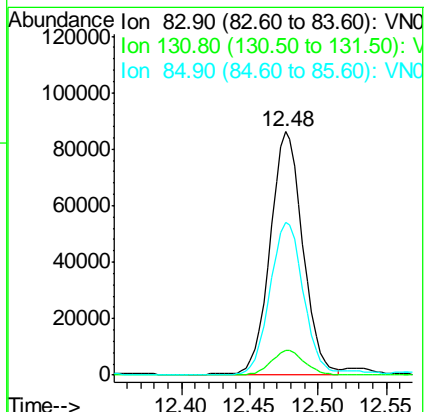
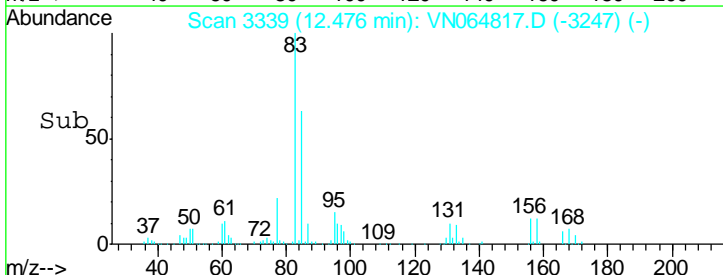


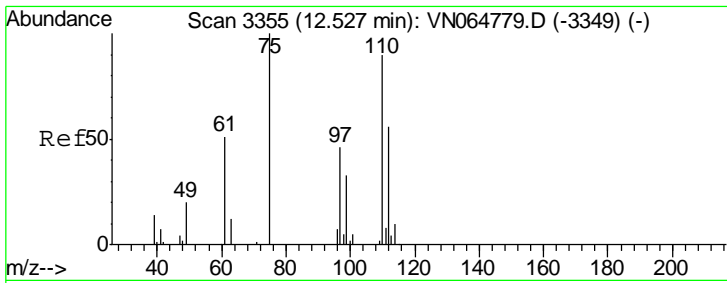
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 50.773 ug/l  
 RT: 12.48 min Scan# 3339  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52



Tgt Ion: 83 Resp: 141933

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	64.7	33.0	99.0



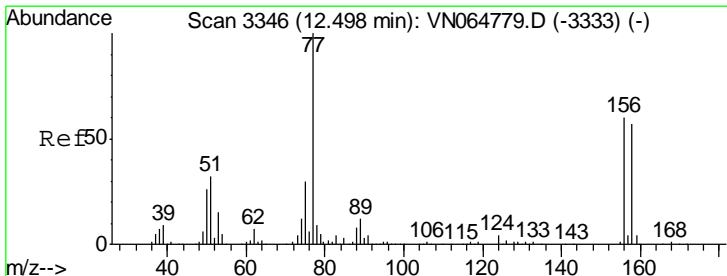
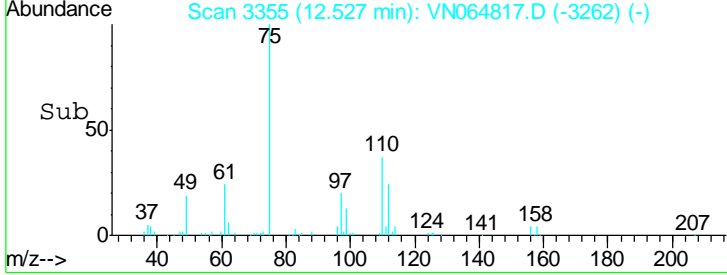
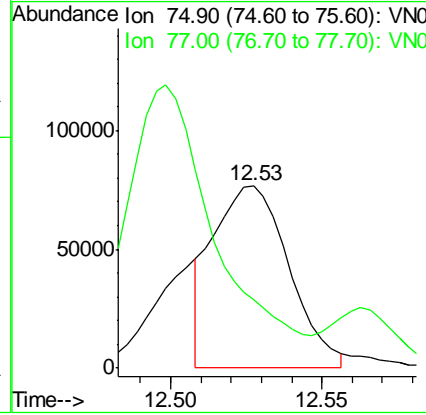
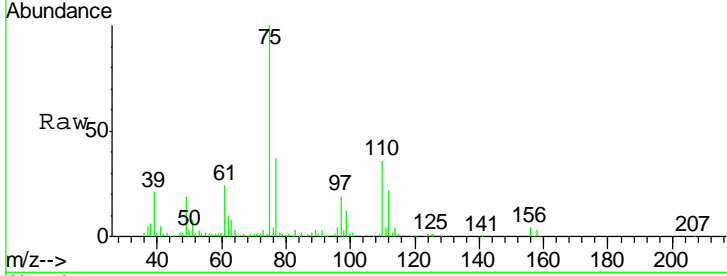


#76  
 1,2,3-Trichloropropane  
 Concen: 45.142 ug/l m  
 RT: 12.53 min Scan# 3355  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

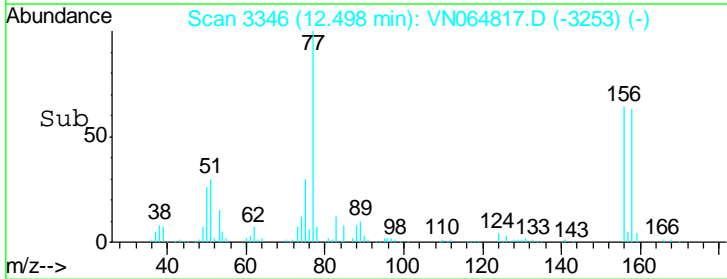
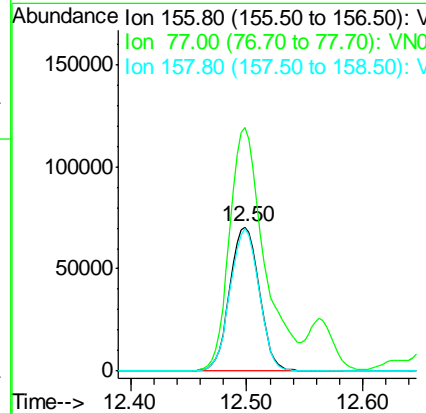
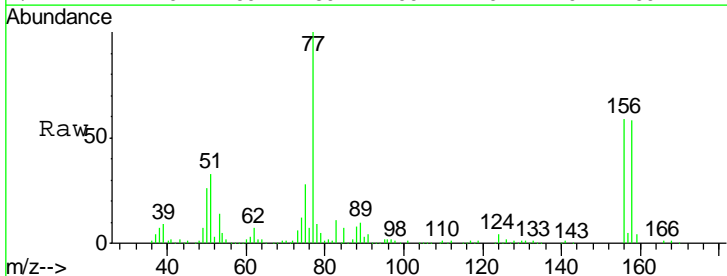
Tgt Ion	Resp	Lower	Upper
75	133301		
75	100		
77	0.0	0.0	0.0

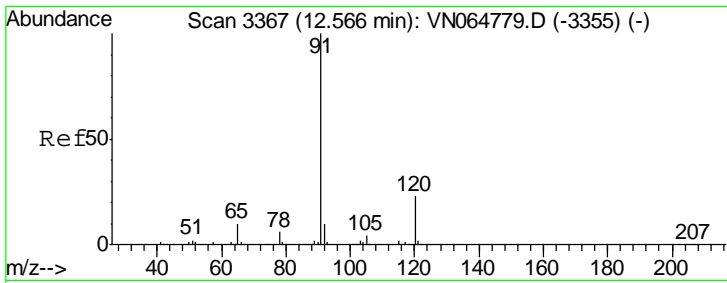
Manual Integrations  
**APPROVED**  
 MMDadoda  
 11/25/2020 3:58:12 PM



#77  
 Bromobenzene  
 Concen: 48.421 ug/l  
 RT: 12.50 min Scan# 3346  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
156	124503		
156	100		
77	198.5	101.3	303.7
158	96.5	48.2	144.6





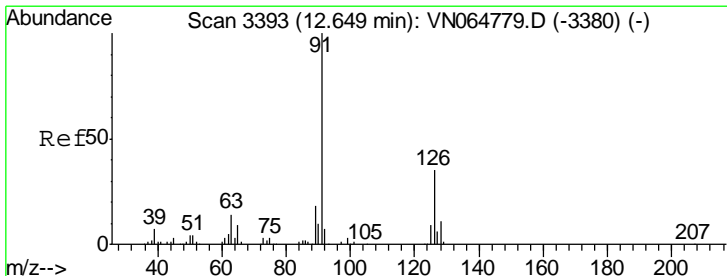
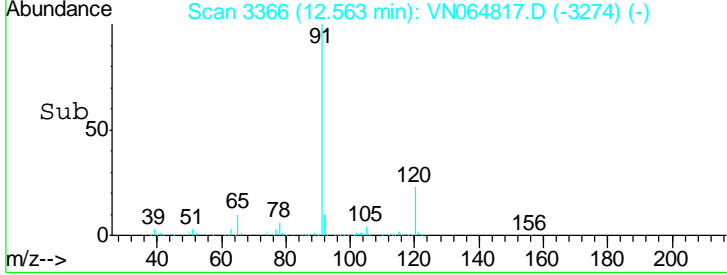
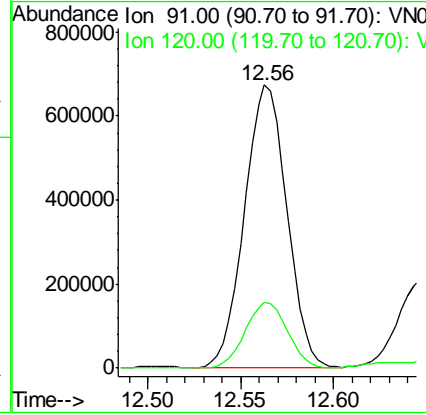
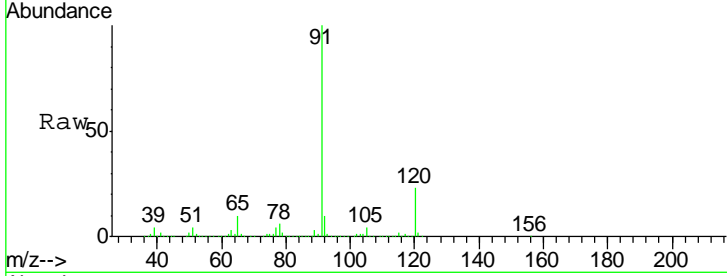
#78  
 n-propylbenzene  
 Concen: 98.165 ug/l  
 RT: 12.56 min Scan# 3366  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

Tgt Ion: 91 Resp: 1066572

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.7

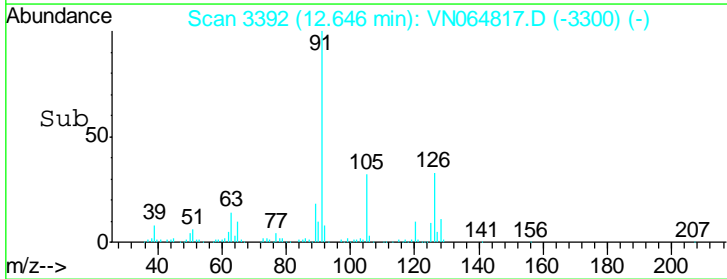
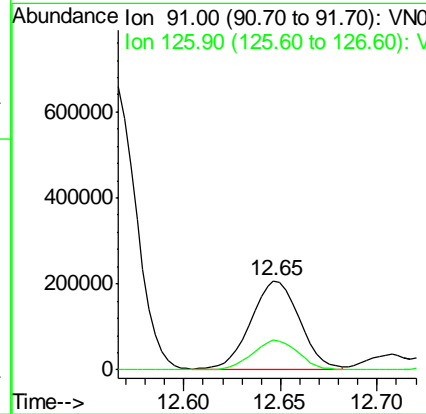
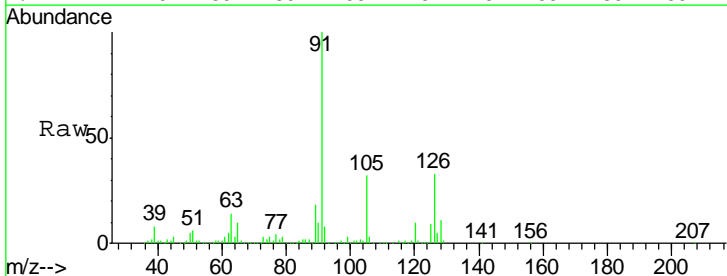
Manual Integrations  
**APPROVED**  
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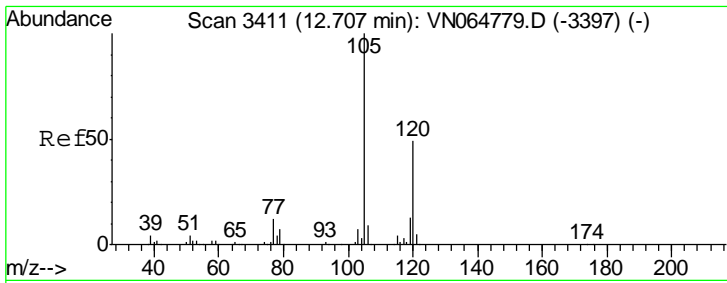


#79  
 2-Chlorotoluene  
 Concen: 53.915 ug/l  
 RT: 12.65 min Scan# 3392  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion: 91 Resp: 362102

Ion	Ratio	Lower	Upper
91	100		
126	31.9	17.2	51.6





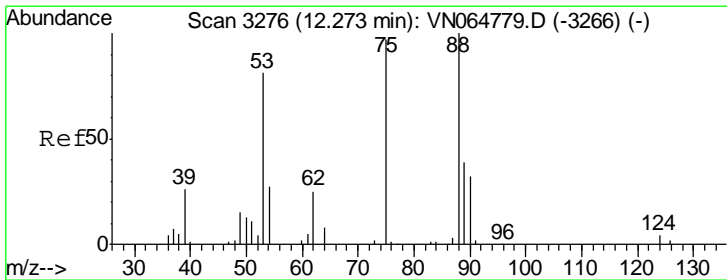
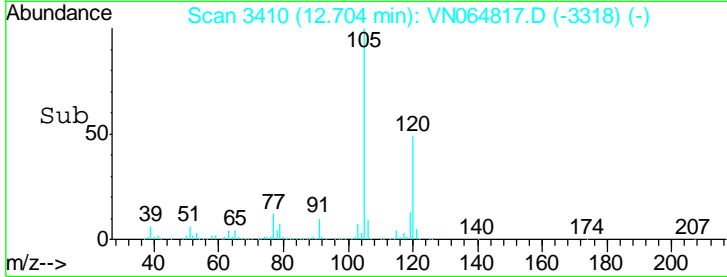
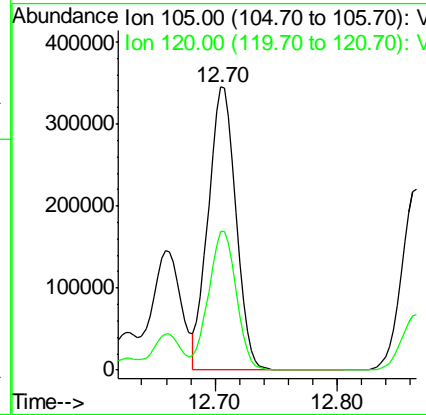
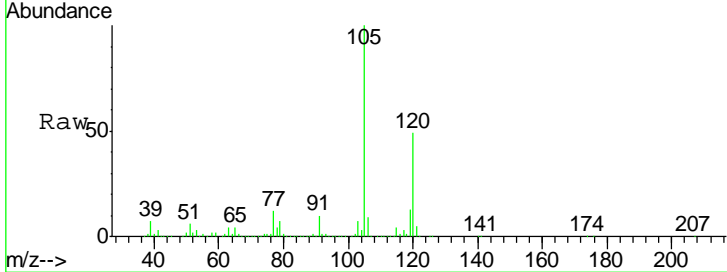
#80  
 1,3,5-Trimethylbenzene  
 Concen: 68.709 ug/l  
 RT: 12.70 min Scan# 3410  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
105	100		
120	49.7	24.6	73.6

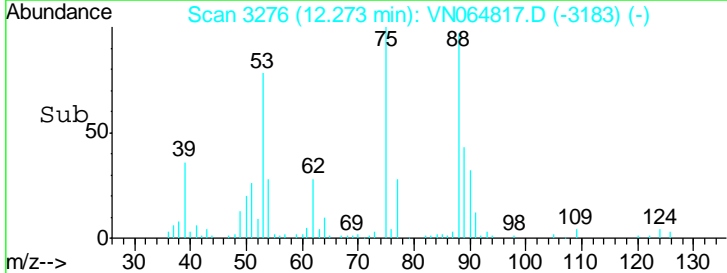
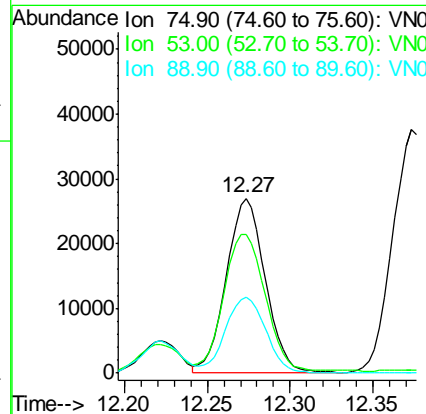
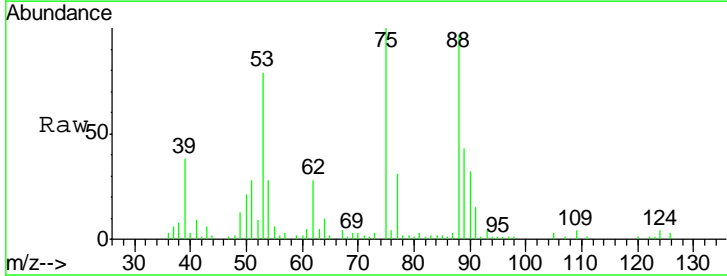
Manual Integrations  
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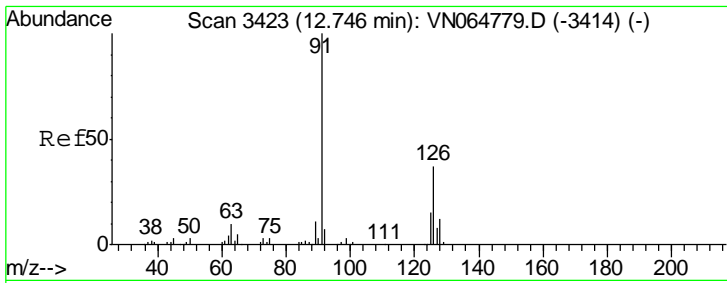
MMDadoda  
 11/25/2020 3:58:12 PM



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 40.990 ug/l  
 RT: 12.27 min Scan# 3276  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
75	100		
53	80.9	67.0	100.4
89	44.9	39.6	59.4



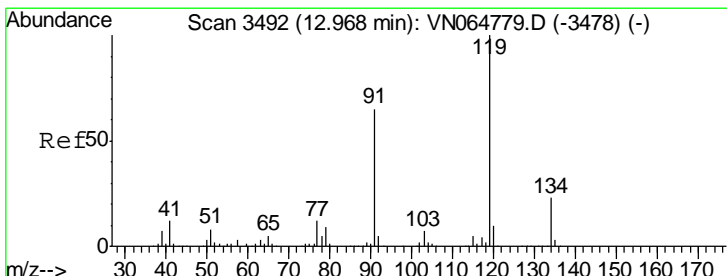
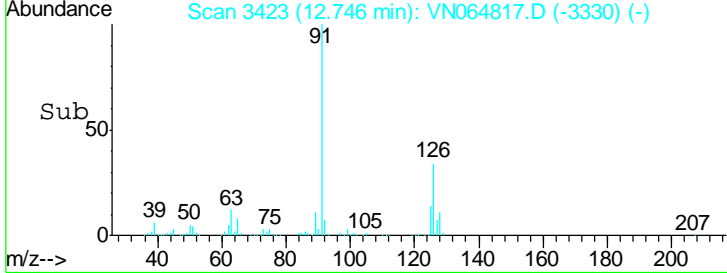
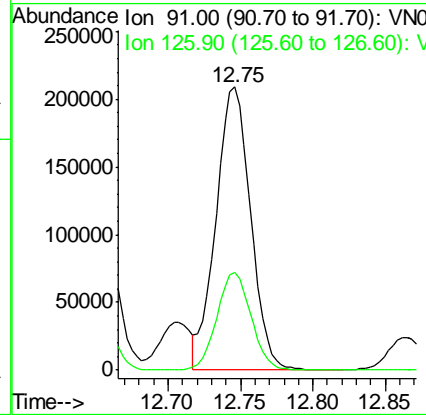
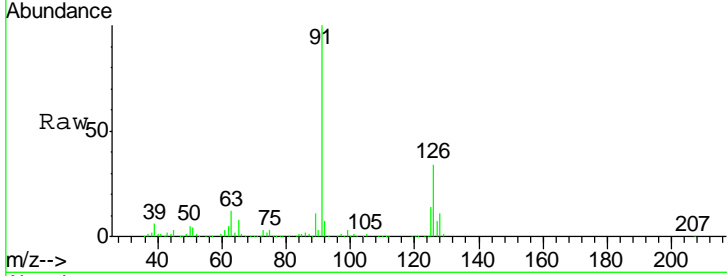


#82  
 4-Chlorotoluene  
 Concen: 49.165 ug/l  
 RT: 12.75 min Scan# 3423  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

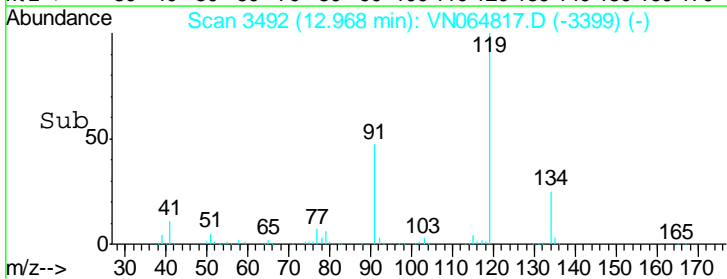
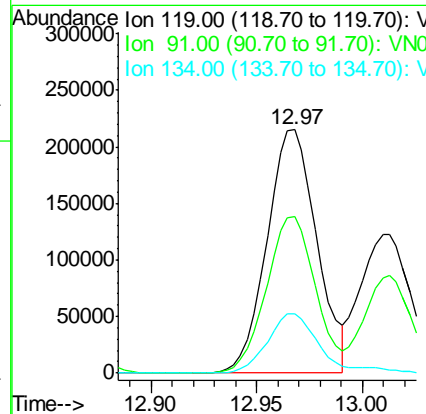
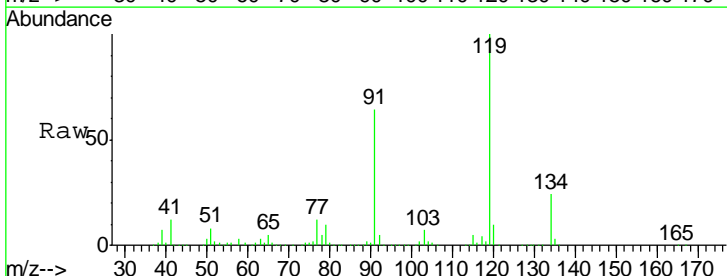
Tgt Ion	Resp	Lower	Upper
91	100		
126	34.5	16.9	50.7

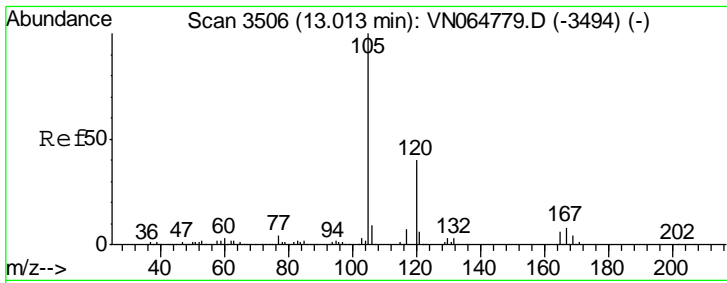
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#83  
 tert-Butylbenzene  
 Concen: 53.216 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
119	100		
91	63.3	32.3	96.8
134	25.5	12.6	37.6





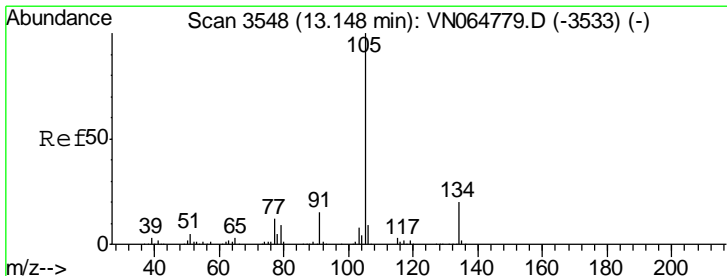
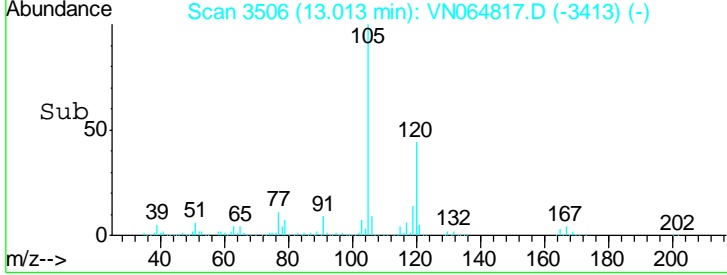
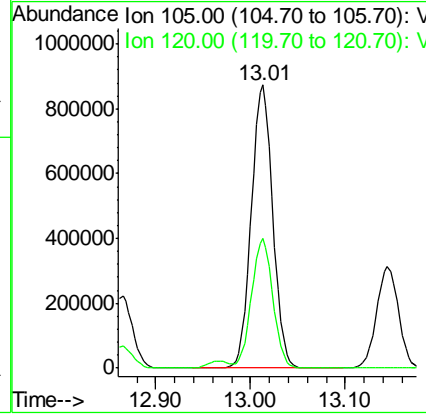
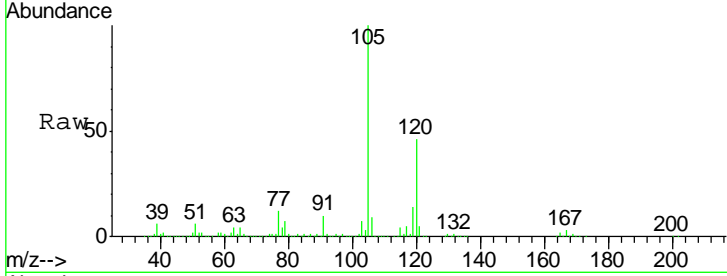
#84  
 1,2,4-Trimethylbenzene  
 Concen: 171.283 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

Tgt Ion:105 Resp: 1372871

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.2

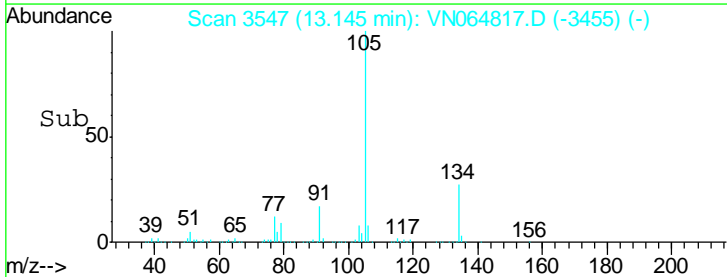
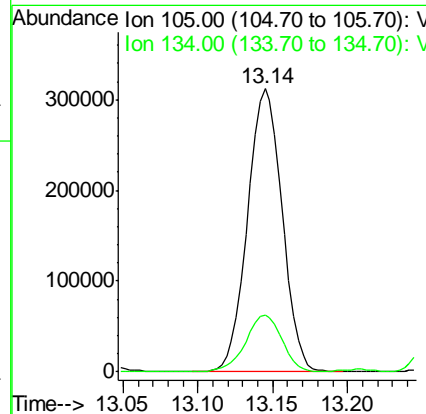
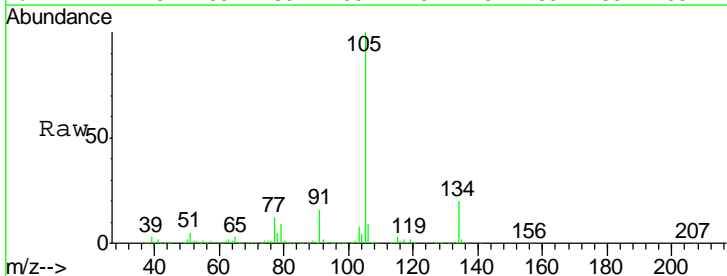
Manual Integrations  
**APPROVED**  
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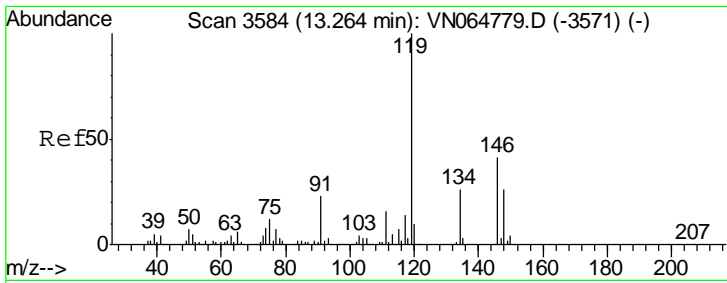


#85  
 sec-Butylbenzene  
 Concen: 56.710 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion:105 Resp: 500326

Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.1	30.1





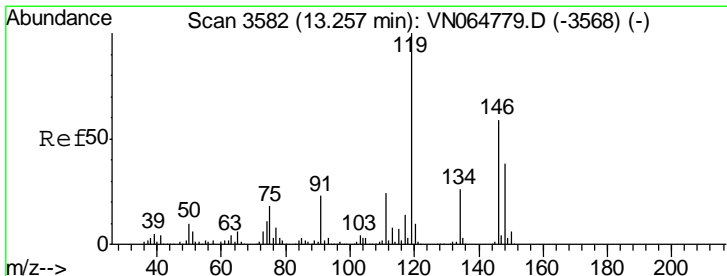
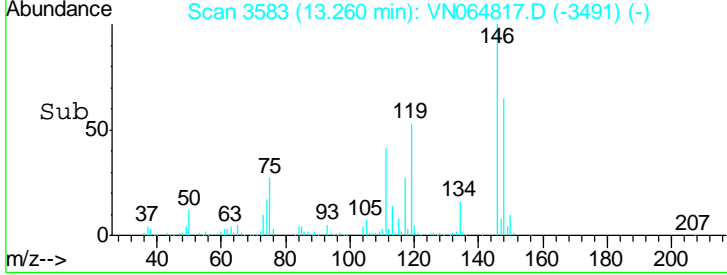
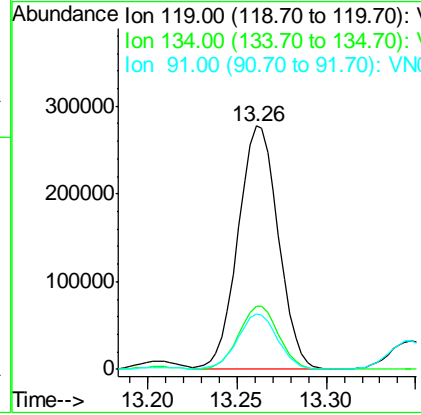
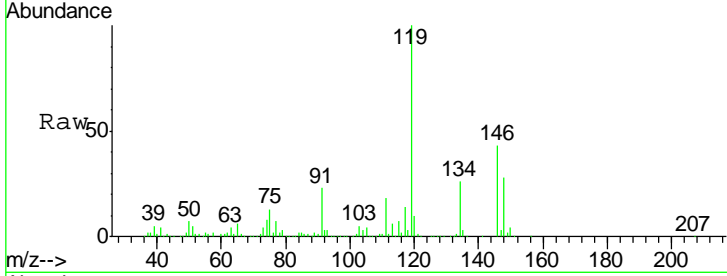
#86  
 p-Isopropyltoluene  
 Concen: 54.265 ug/l  
 RT: 13.26 min Scan# 3583  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

Tgt Ion	Resp	Lower	Upper
119	435870		
134	25.9	13.1	39.1
91	22.5	11.5	34.5

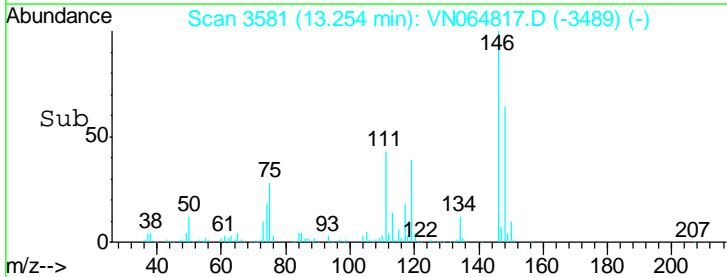
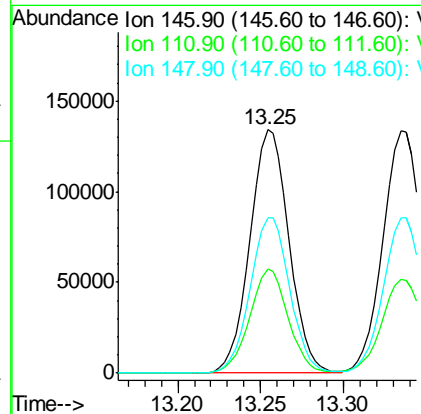
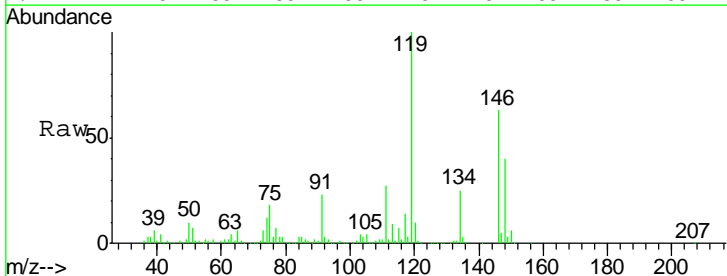
Manual Integrations  
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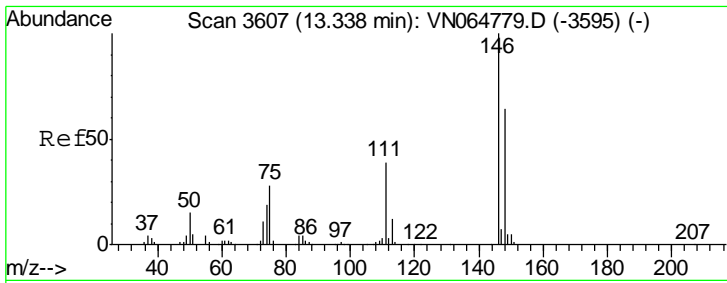
MMDadoda  
 11/25/2020 3:58:12 PM



#87  
 1,3-Dichlorobenzene  
 Concen: 48.106 ug/l  
 RT: 13.25 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

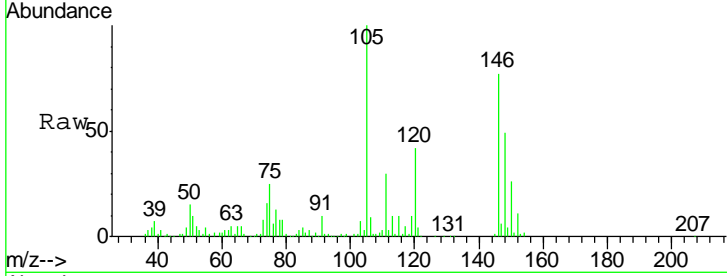
Tgt Ion	Resp	Lower	Upper
146	219764		
111	41.9	20.6	61.9
148	64.4	31.9	95.5





#88  
 1,4-Dichlorobenzene  
 Concen: 45.775 ug/l  
 RT: 13.33 min Scan# 3606  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

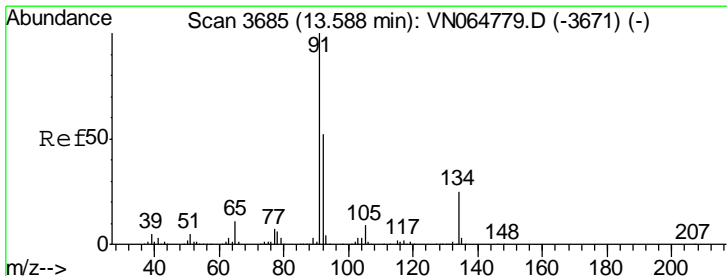
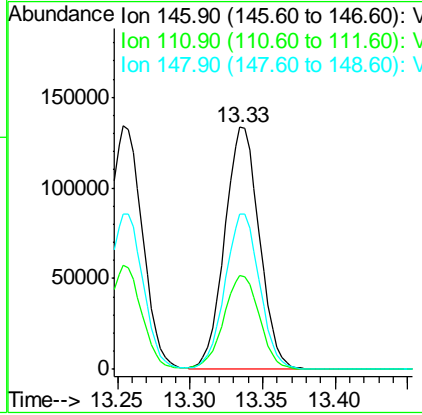
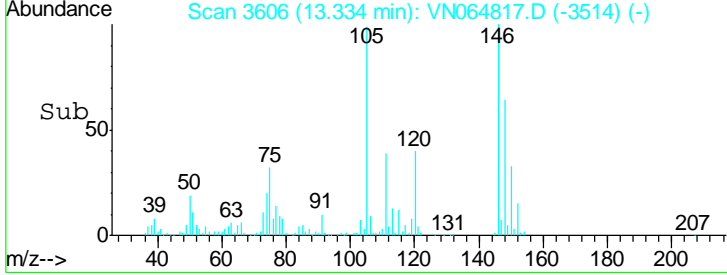
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD



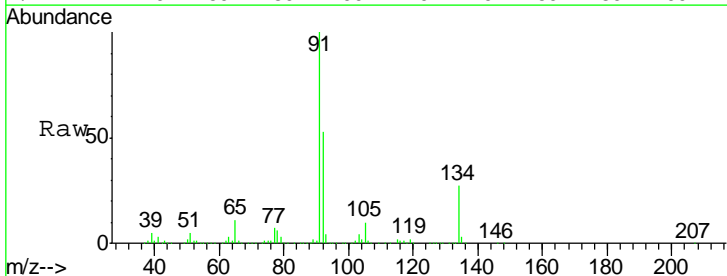
Tgt Ion: 146 Resp: 221147

Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.3
148	63.8	31.9	95.5

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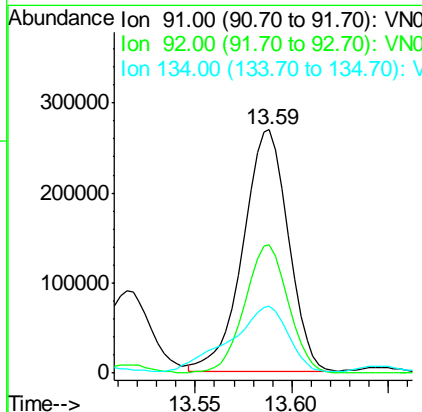
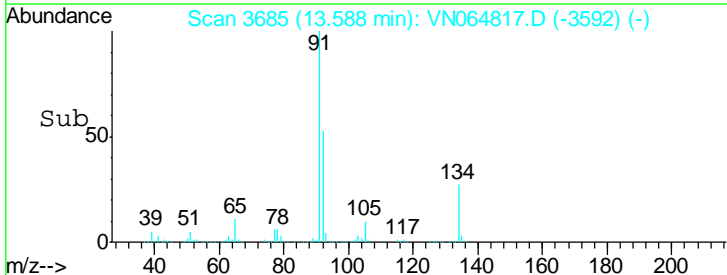


#89  
 n-Butylbenzene  
 Concen: 61.563 ug/l  
 RT: 13.59 min Scan# 3685  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

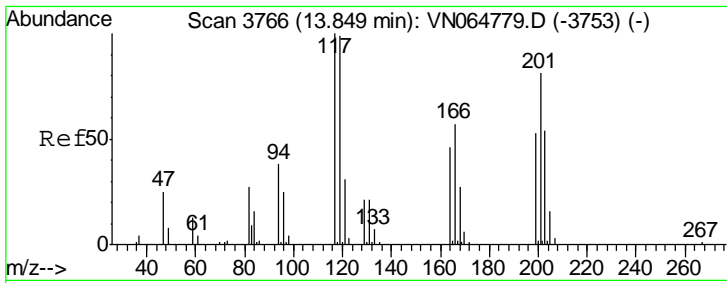


Tgt Ion: 91 Resp: 434255

Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.0	78.0
134	35.0	12.9	38.6





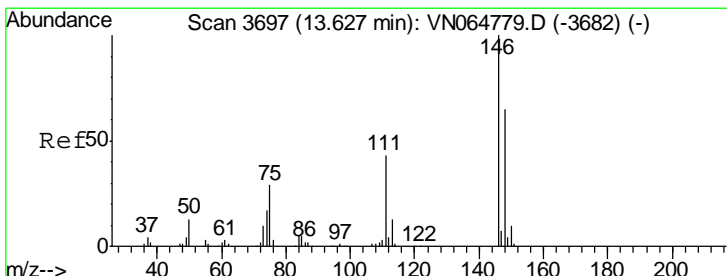
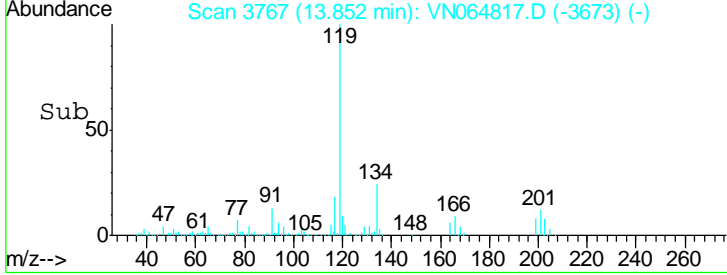
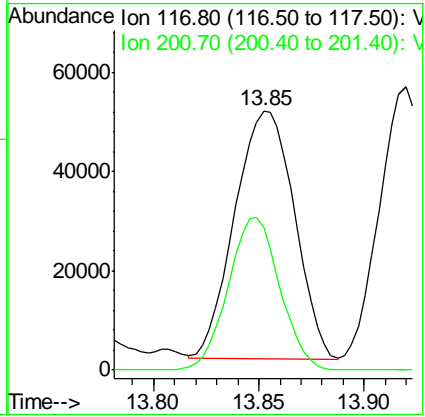
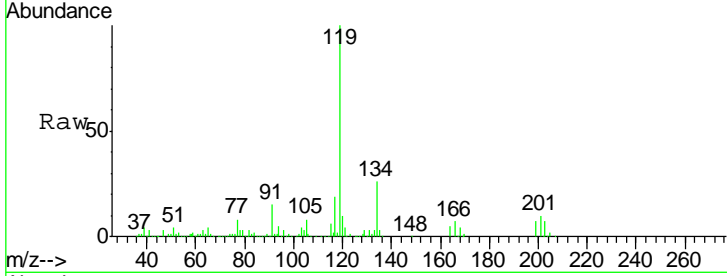


#90  
 Hexachloroethane  
 Concen: 70.527 ug/l  
 RT: 13.85 min Scan# 3767  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

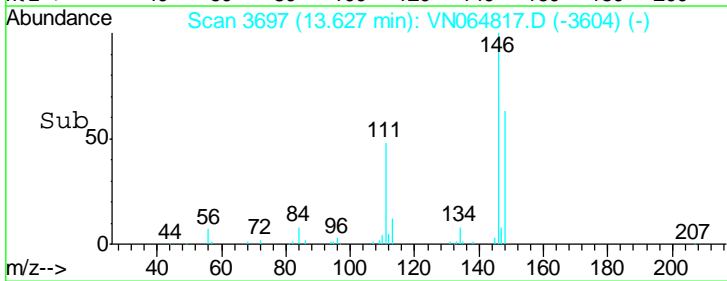
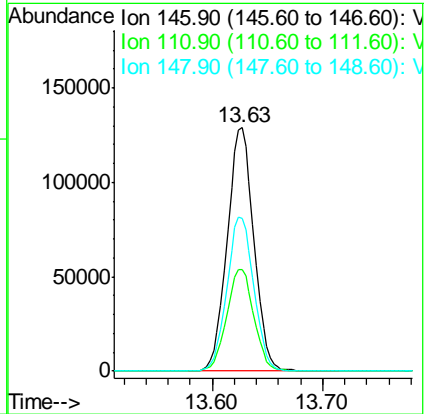
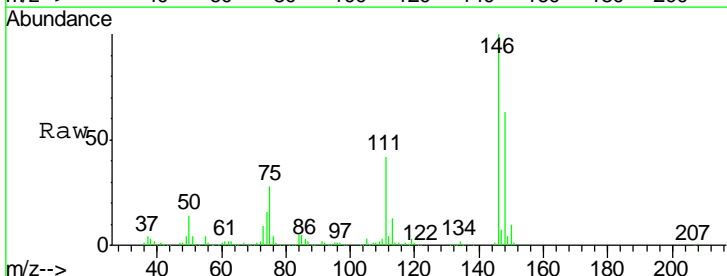
Tgt Ion	Resp	Lower	Upper
117	100		
201	53.2	40.1	120.3

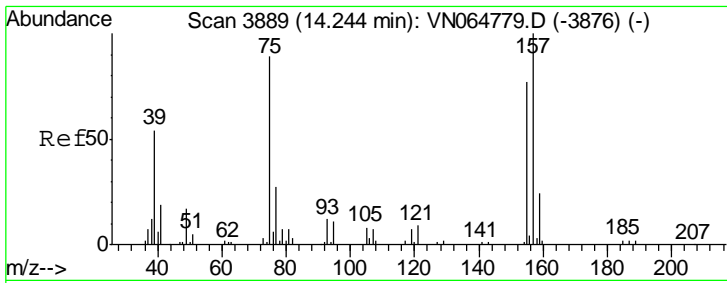
Manual Integrations  
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 MMDadoda  
 11/25/2020 3:58:12 PM



#91  
 1,2-Dichlorobenzene  
 Concen: 48.120 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
146	100		
111	42.6	21.1	63.1
148	64.1	32.0	96.2





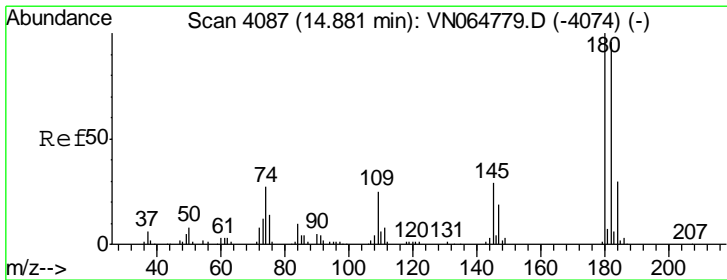
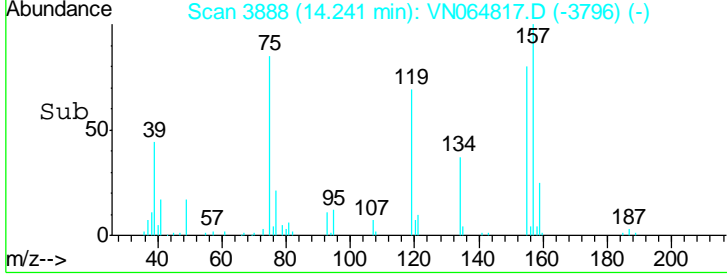
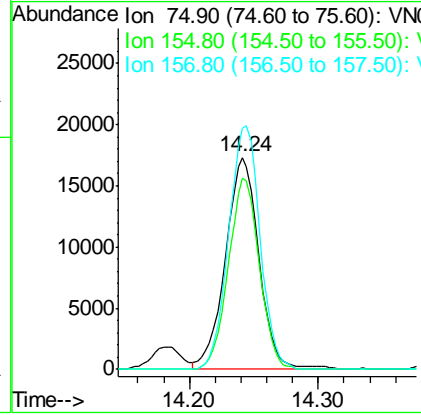
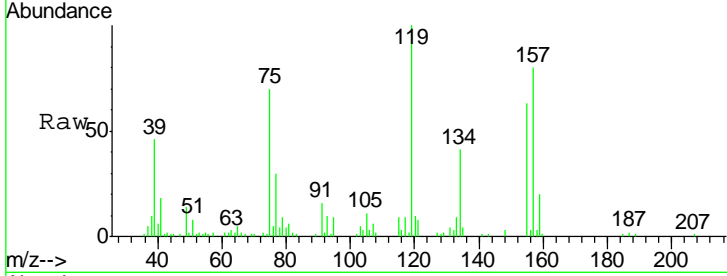
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.638 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 MW-2MSD

Tgt Ion	Resp	Lower	Upper
75	31222		
75	100		
155	82.8	42.8	128.3
157	107.4	56.4	169.1

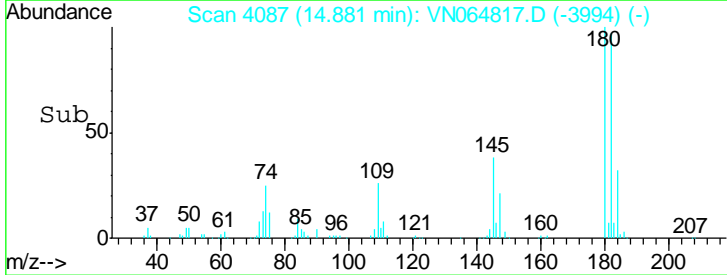
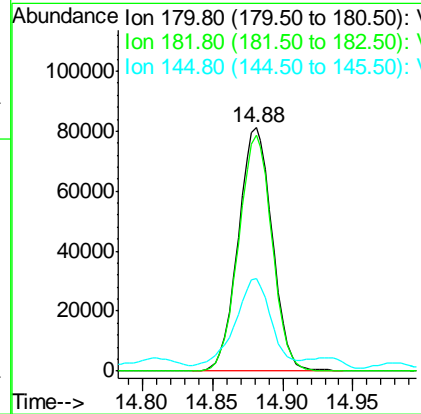
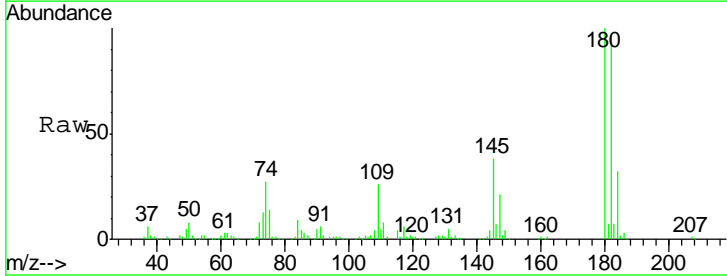
Manual Integrations  
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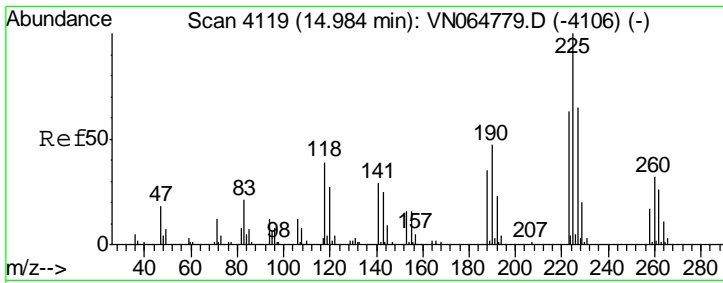
MMDadoda  
 11/25/2020 3:58:12 PM



#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.272 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Tgt Ion	Resp	Lower	Upper
180	136721		
180	100		
182	95.5	47.6	142.9
145	36.8	15.3	45.8





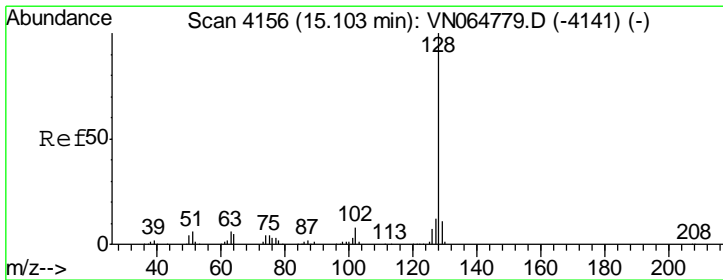
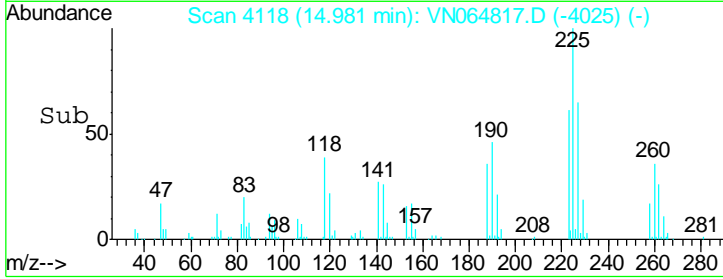
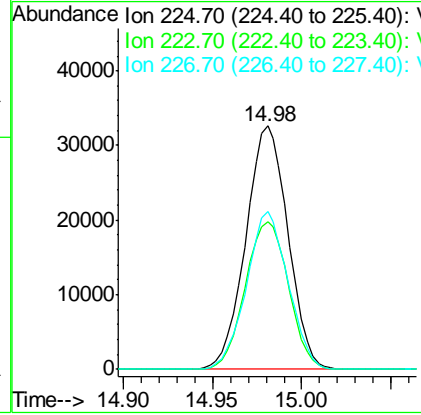
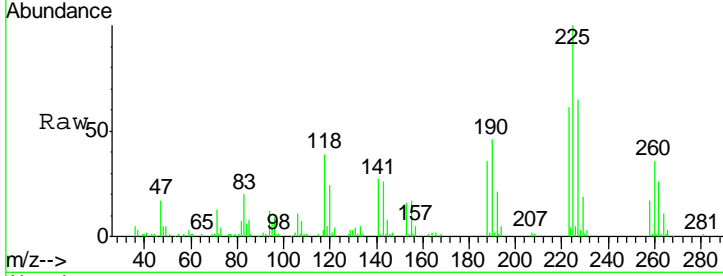
#94  
 Hexachlorobutadiene  
 Concen: 43.129 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

Instrument : MSVOA\_N  
 ClientSampled : MW-2MSD

Tgt Ion	Resp	Lower	Upper
225	100		
223	62.4	31.0	93.0
227	64.1	32.0	96.0

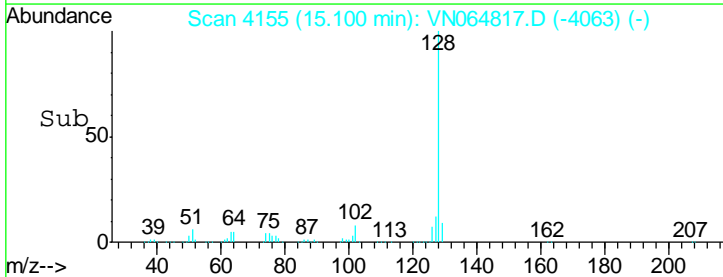
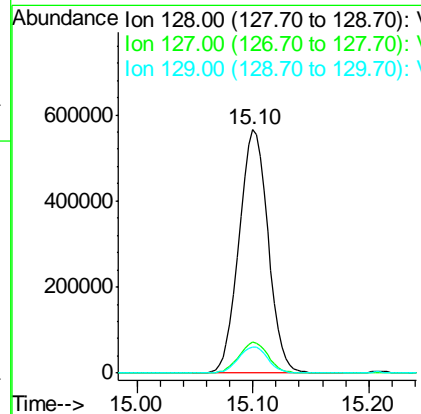
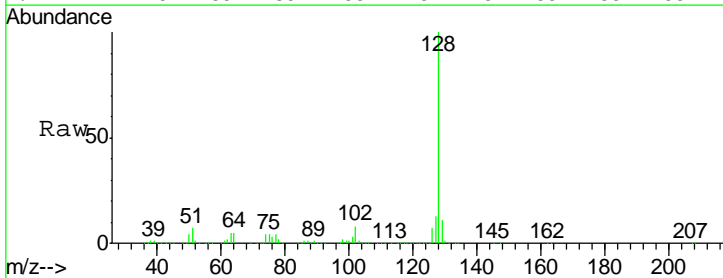
Manual Integrations  
 APPROVED

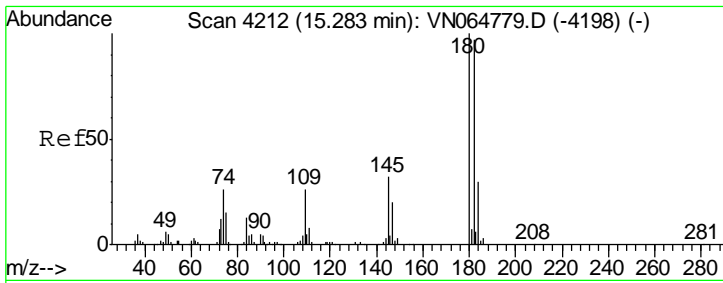
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#95  
 Naphthalene  
 Concen: 117.157 ug/l  
 RT: 15.10 min Scan# 4155  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

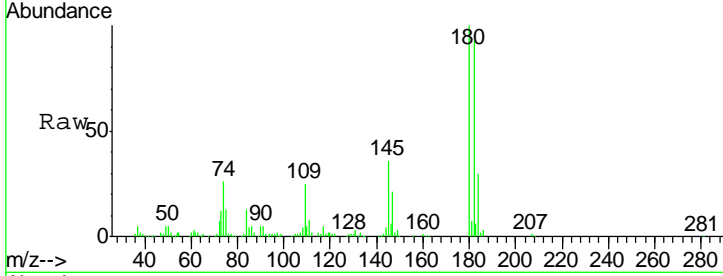
Tgt Ion	Resp	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 50.822 ug/l  
 RT: 15.28 min Scan# 4211  
 Delta R.T. -0.00 min  
 Lab File: VN064817.D  
 Acq: 24 Nov 2020 17:52

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 MW-2MSD



Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.1	144.4
145	43.1	16.4	49.1

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 11/25/2020 3:58:12 PM

