

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021621\  
 Data File : VN065894.D  
 Acq On : 16 Feb 2021 23:53  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

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 2/17/2021 10:36:17 AM

Quant Time: Feb 17 00:17:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 15 10:57:01 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.621	168	92179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	158214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	145603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	68538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	58584	48.31	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery =	96.62%		
35) Dibromofluoromethane	7.547	113	53697	57.27	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery =	114.54%		
50) Toluene-d8	10.055	98	204557	55.50	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery =	111.00%		
62) 4-Bromofluorobenzene	12.370	95	79241	59.71	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery =	119.42%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.833	85	55376	53.63	ug/l	98
3) Chloromethane	2.036	50	68594	45.20	ug/l	100
4) Vinyl Chloride	2.165	62	72696	47.31	ug/l	100
5) Bromomethane	2.522	94	47796	53.74	ug/l	97
6) Chloroethane	2.669	64	40456	45.51	ug/l	97
7) Trichlorofluoromethane	2.988	101	86484	53.84	ug/l	100
8) Diethyl Ether	3.377	74	35428	46.26	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.711	101	49695	50.98	ug/l	98
10) Methyl Iodide	3.898	142	82509	57.74	ug/l	98
11) Tert butyl alcohol	4.772	59	44371	195.33	ug/l #	84
12) 1,1-Dichloroethene	3.689	96	53535	47.71	ug/l	96
13) Acrolein	3.567	56	50102	254.84	ug/l	98
14) Allyl chloride	4.267	41	79513	38.22	ug/l	90
15) Acrylonitrile	4.936	53	127754	215.88	ug/l	97
16) Acetone	3.782	43	85731	181.59	ug/l	93
17) Carbon Disulfide	3.997	76	144666	40.95	ug/l	99
18) Methyl Acetate	4.284	43	53034	40.09	ug/l	96
19) Methyl tert-butyl Ether	5.004	73	171656	45.83	ug/l	98
20) Methylene Chloride	4.496	84	62527	47.83	ug/l	93
21) trans-1,2-Dichloroethene	4.978	96	57504	48.22	ug/l	97
22) Diisopropyl ether	5.907	45	166893	39.25	ug/l	93
23) Vinyl Acetate	5.846	43	654506	192.69	ug/l	97
24) 1,1-Dichloroethane	5.792	63	103291	45.57	ug/l	99
25) 2-Butanone	6.795	43	147287	198.97	ug/l	97
26) 2,2-Dichloropropane	6.772	77	67846	37.40	ug/l	95
27) cis-1,2-Dichloroethene	6.775	96	68142	49.87	ug/l	96
28) Bromochloromethane	7.145	49	45558	47.83	ug/l	97
29) Tetrahydrofuran	7.174	42	103795	193.32	ug/l	94
30) Chloroform	7.325	83	102627	49.16	ug/l	97
31) Cyclohexane	7.608	56	91977	40.33	ug/l	98
32) 1,1,1-Trichloroethane	7.525	97	84121	49.50	ug/l	99
36) 1,1-Dichloropropene	7.750	75	79204	49.75	ug/l	99
37) Ethyl Acetate	6.888	43	64746	42.39	ug/l #	94
38) Carbon Tetrachloride	7.730	117	70573	53.84	ug/l	100
39) Methylcyclohexane	9.042	83	90551	46.62	ug/l	99
40) Benzene	8.000	78	248124	51.03	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	29796	36.33	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	75143	51.27	ug/l	96
43) Isopropyl Acetate	8.129	43	106391	39.28	ug/l	94
44) Trichloroethene	8.798	130	66123	56.05	ug/l	96
45) 1,2-Dichloropropane	9.081	63	63680	47.60	ug/l	99
46) Dibromomethane	9.174	93	39376	53.28	ug/l	99
47) Bromodichloromethane	9.367	83	77969	49.18	ug/l	99
48) Methyl methacrylate	9.164	41	52680	41.00	ug/l	92
49) 1,4-Dioxane	9.168	88	23054	1108.84	ug/l	97
51) 4-Methyl-2-Pentanone	9.952	43	320825	214.87	ug/l	94
52) Toluene	10.123	92	161166	55.96	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	86568	46.89	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	99695	48.48	ug/l	92
55) 1,1,2-Trichloroethane	10.528	97	61037	55.56	ug/l	99
56) Ethyl methacrylate	10.399	69	89086	49.04	ug/l #	88
57) 1,3-Dichloropropane	10.676	76	102982	53.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.660	63	176505	210.38	ug/l	100
59) 2-Hexanone	10.721	43	228015	219.96	ug/l	92
60) Dibromochloromethane	10.872	129	62924	56.05	ug/l	100
61) 1,2-Dibromoethane	10.975	107	62340	56.94	ug/l	99
64) Tetrachloroethene	10.598	164	62294	51.05	ug/l	97
65) Chlorobenzene	11.402	112	169501	55.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	58943	54.74	ug/l	99
67) Ethyl Benzene	11.479	91	296384	51.80	ug/l	98
68) m/p-Xylenes	11.592	106	235496	113.68	ug/l	96
69) o-Xylene	11.917	106	111200	55.40	ug/l	100
70) Styrene	11.933	104	190091	57.53	ug/l	98
71) Bromoform	12.097	173	39665	53.29	ug/l #	98
73) Isopropylbenzene	12.219	105	290452	48.40	ug/l	99
74) N-amyl acetate	12.042	43	92853	36.58	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.473	83	83265	46.98	ug/l	100
76) 1,2,3-Trichloropropane	12.524	75	77060m	43.00	ug/l	
77) Bromobenzene	12.495	156	71207	54.80	ug/l	96
78) n-propylbenzene	12.560	91	322057	45.54	ug/l	99
79) 2-Chlorotoluene	12.643	91	198014	47.14	ug/l	99
80) 1,3,5-Trimethylbenzene	12.704	105	245771	48.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	25348	36.23	ug/l	94
82) 4-Chlorotoluene	12.743	91	201033	46.88	ug/l	98
83) tert-Butylbenzene	12.965	119	204594	48.02	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	249884	49.03	ug/l	98
85) sec-Butylbenzene	13.142	105	266638	46.36	ug/l	99
86) p-Isopropyltoluene	13.257	119	239452	47.15	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	123484	53.31	ug/l	98
88) 1,4-Dichlorobenzene	13.335	146	121953	51.88	ug/l	98
89) n-Butylbenzene	13.585	91	193896	42.50	ug/l	99
90) Hexachloroethane	13.843	117	38212	43.00	ug/l	99
91) 1,2-Dichlorobenzene	13.624	146	122539	53.33	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	14936	42.47	ug/l	95
93) 1,2,4-Trichlorobenzene	14.878	180	60724	44.03	ug/l	99
94) Hexachlorobutadiene	14.978	225	24974	43.98	ug/l	99
95) Naphthalene	15.100	128	200352	45.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	61537	45.16	ug/l	99

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 ALS Vial : 23 Sample Multiplier: 1

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**ClientSampleId :**  
 VSTDCCC050EC

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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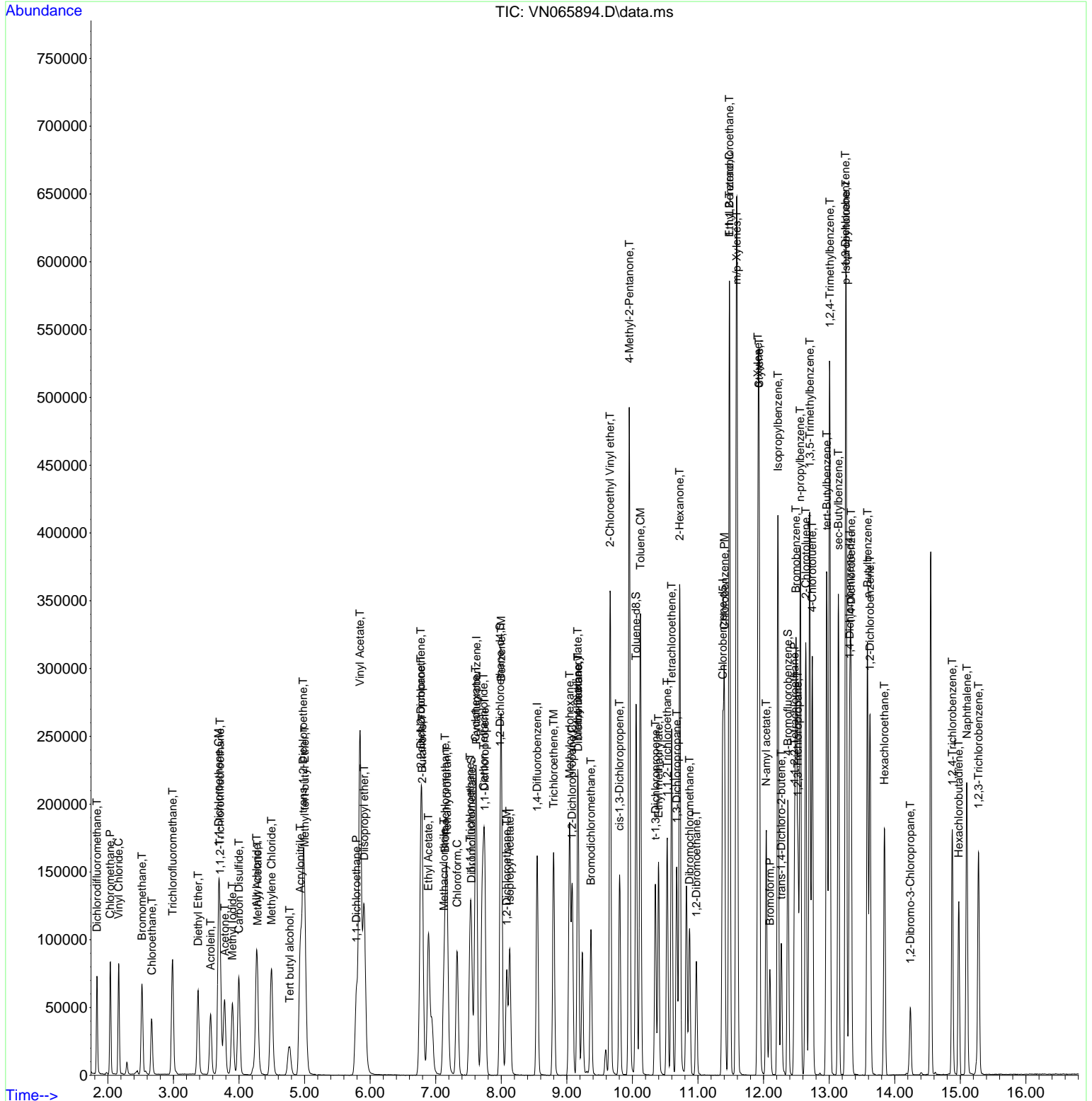
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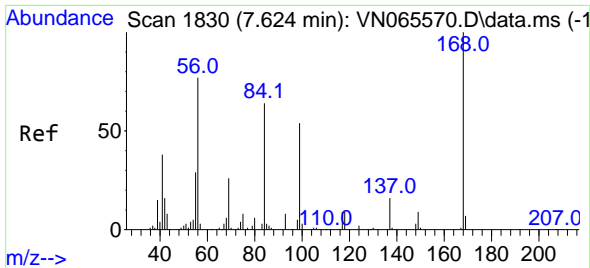
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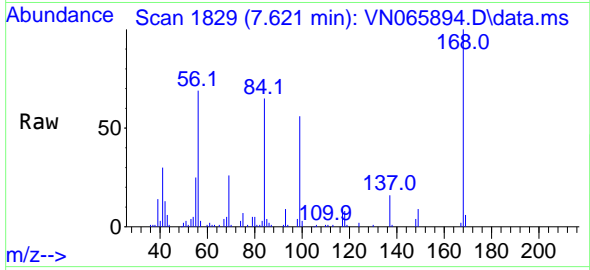
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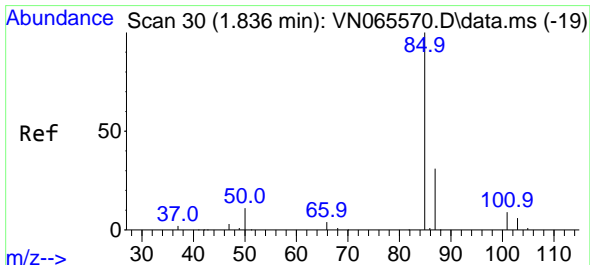
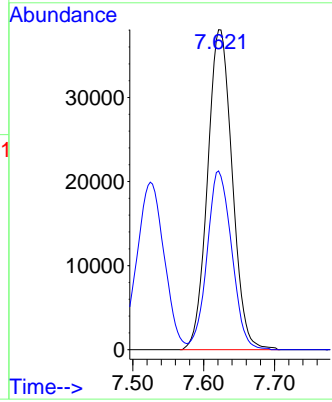
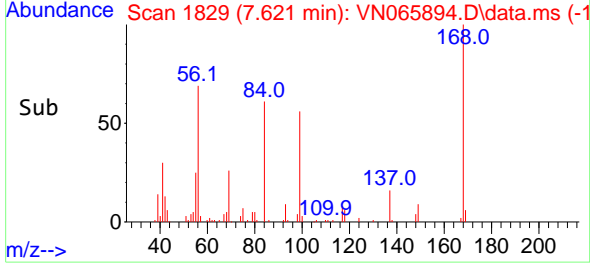
#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.621 min Scan# 1829  
 Delta R.T. -0.003 min  
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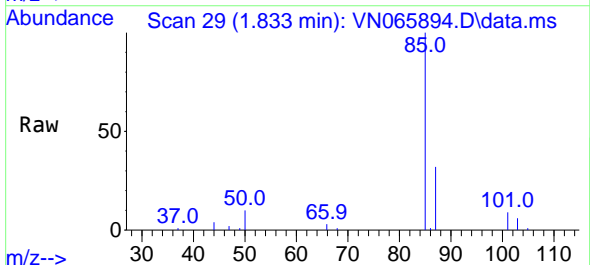


Tgt Ion:168 Resp: 92179  
 Ion Ratio Lower Upper  
 168 100  
 99 55.8 42.6 63.8

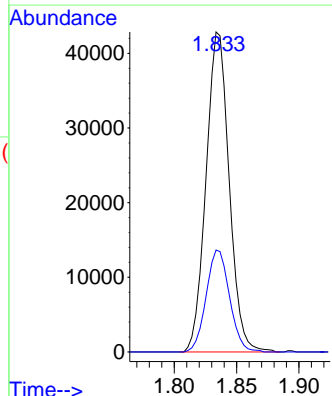
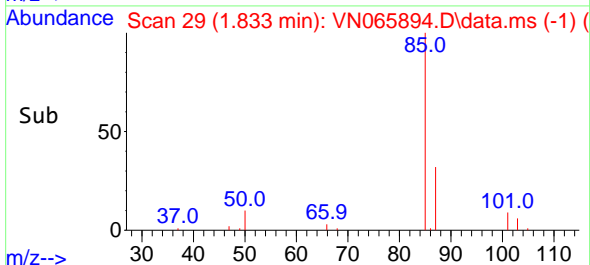
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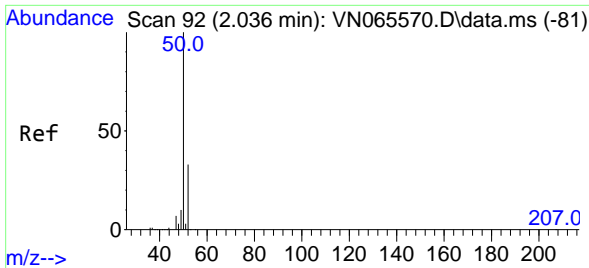


#2  
 Dichlorodifluoromethane  
 Concen: 53.63 ug/l  
 RT: 1.833 min Scan# 29  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
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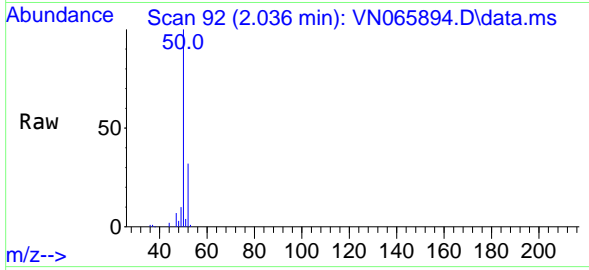
Tgt Ion: 85 Resp: 55376  
 Ion Ratio Lower Upper  
 85 100  
 87 31.9 16.6 49.8





#3  
 Chloromethane  
 Concen: 45.20 ug/l  
 RT: 2.036 min Scan# 92  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

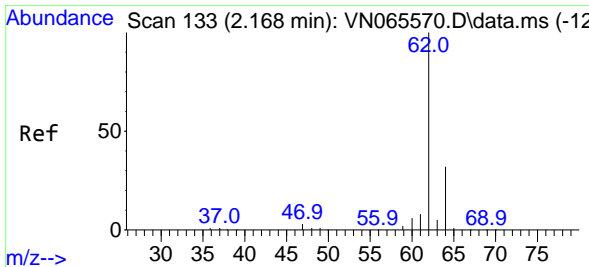
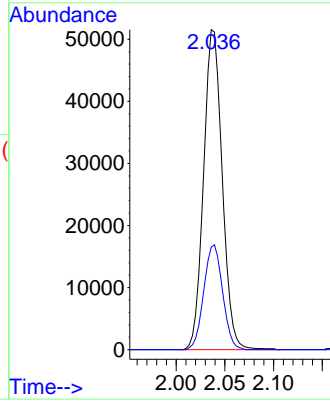
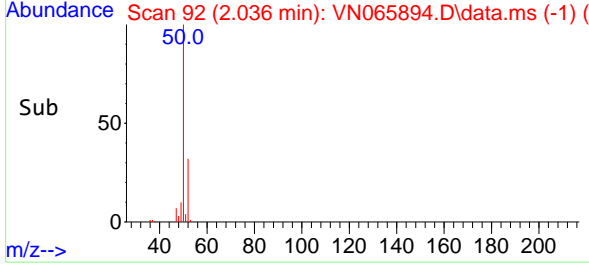
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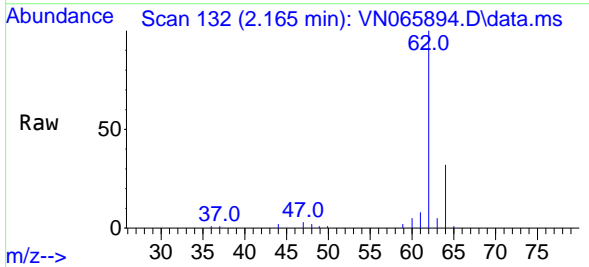
Tgt Ion: 50 Resp: 68594  
 Ion Ratio Lower Upper  
 50 100  
 52 32.1 25.8 38.8

Manual Integrations  
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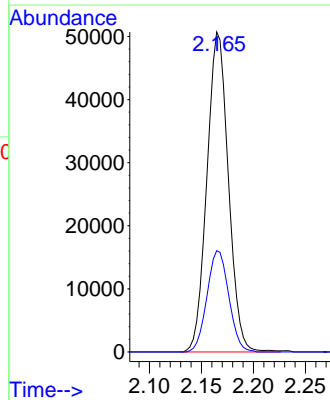
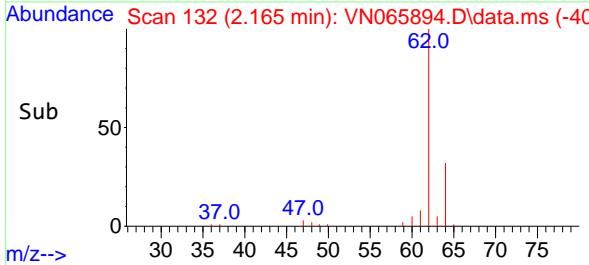
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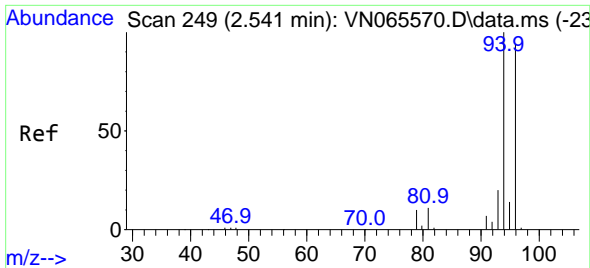


#4  
 Vinyl Chloride  
 Concen: 47.31 ug/l  
 RT: 2.165 min Scan# 132  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



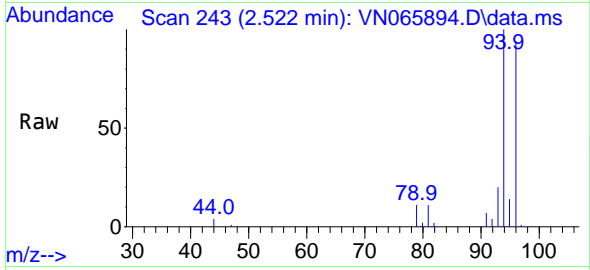
Tgt Ion: 62 Resp: 72696  
 Ion Ratio Lower Upper  
 62 100  
 64 31.7 25.1 37.7





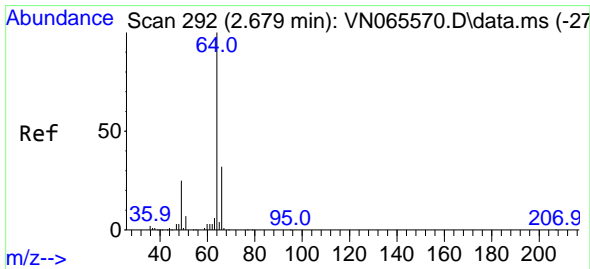
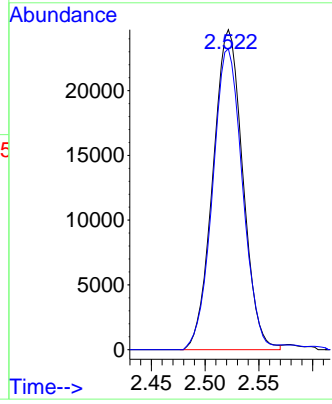
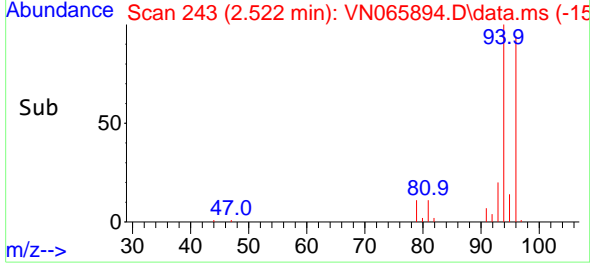
#5  
 Bromomethane  
 Concen: 53.74 ug/l  
 RT: 2.522 min Scan# 243  
 Delta R.T. -0.019 min  
 Lab File: VN065894.D  
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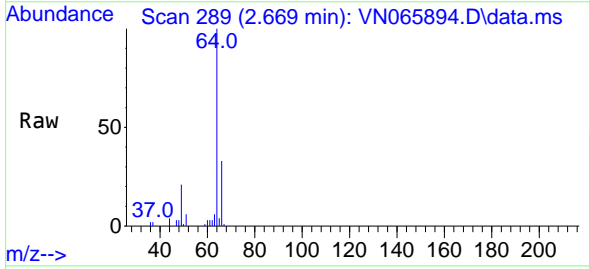


Tgt Ion: 94 Resp: 47796  
 Ion Ratio Lower Upper  
 94 100  
 96 94.0 73.0 109.4

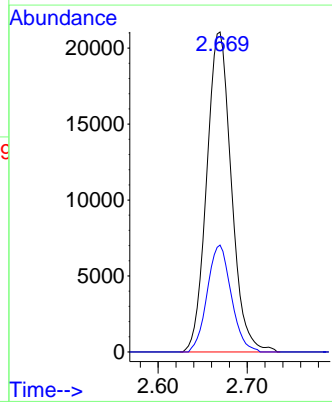
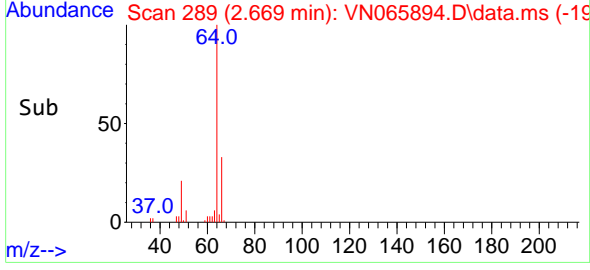
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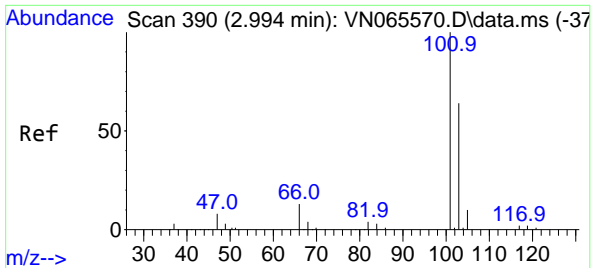


#6  
 Chloroethane  
 Concen: 45.51 ug/l  
 RT: 2.669 min Scan# 289  
 Delta R.T. -0.010 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



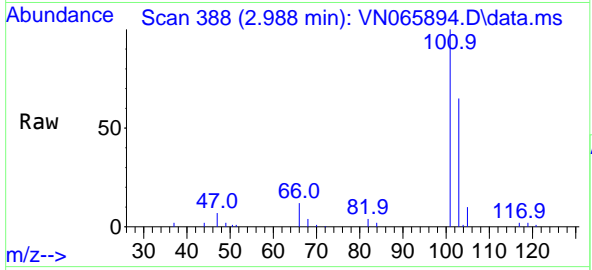
Tgt Ion: 64 Resp: 40456  
 Ion Ratio Lower Upper  
 64 100  
 66 33.4 25.4 38.2





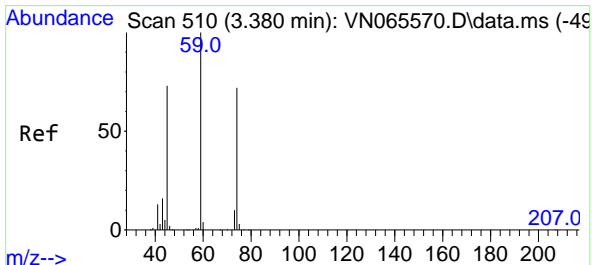
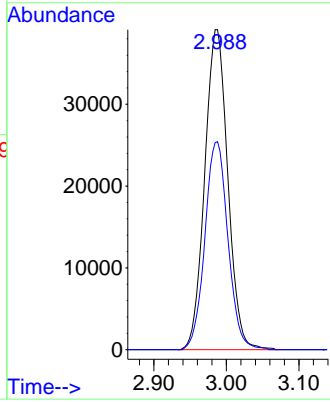
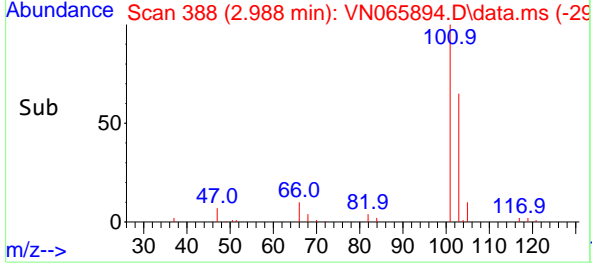
#7  
 Trichlorofluoromethane  
 Concen: 53.84 ug/l  
 RT: 2.988 min Scan# 388  
 Delta R.T. -0.006 min  
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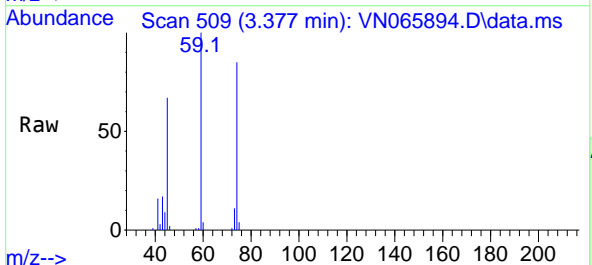


Tgt Ion:101 Resp: 86484  
 Ion Ratio Lower Upper  
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 103 65.0 52.1 78.1

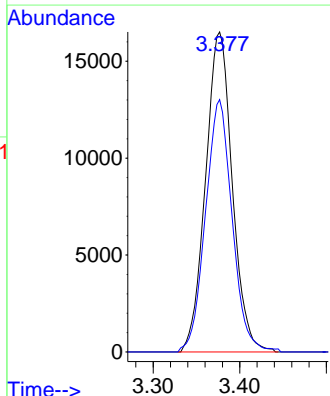
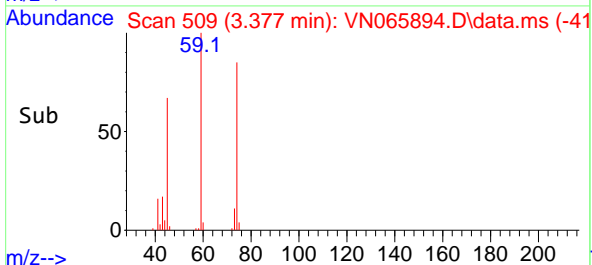
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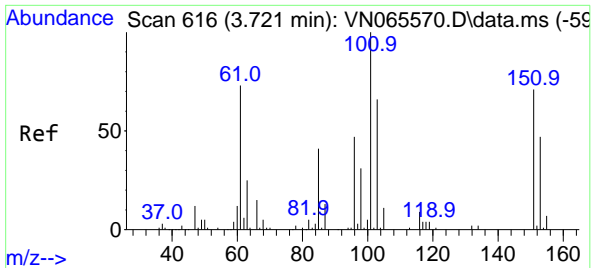
#8  
 Diethyl Ether  
 Concen: 46.26 ug/l  
 RT: 3.377 min Scan# 509  
 Delta R.T. -0.003 min  
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Tgt Ion: 74 Resp: 35428  
 Ion Ratio Lower Upper  
 74 100  
 45 78.8 46.4 139.1

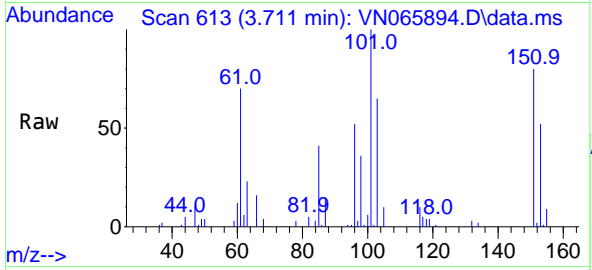






#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 50.98 ug/l  
 RT: 3.711 min Scan# 613  
 Delta R.T. -0.010 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

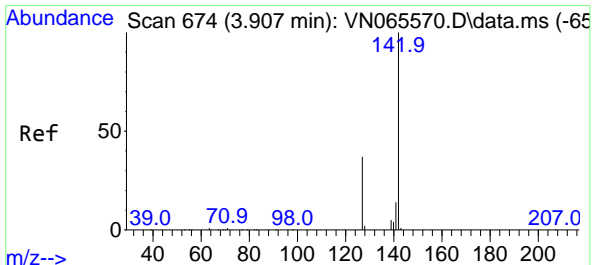
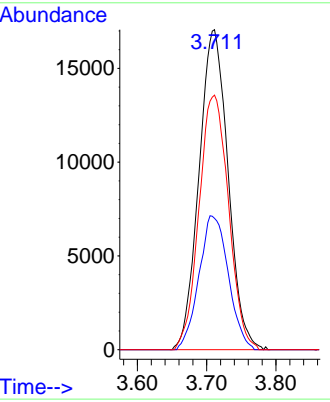
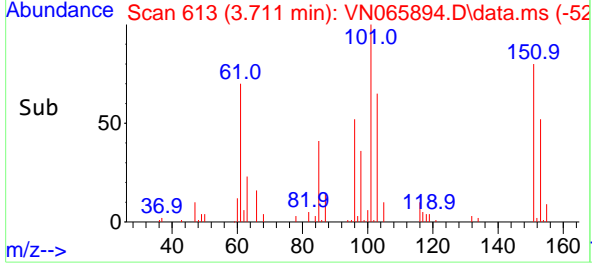
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC



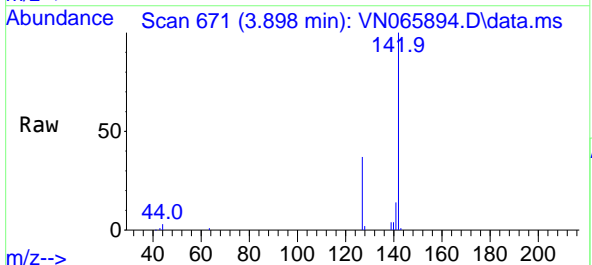
Tgt Ion:101 Resp: 49695

Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.6	51.8
151	80.9	63.5	95.3

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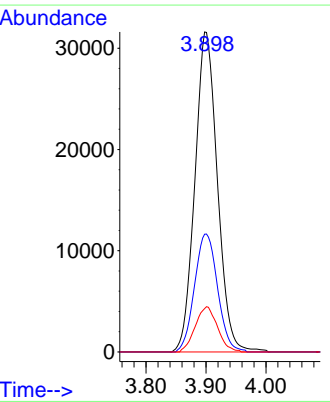
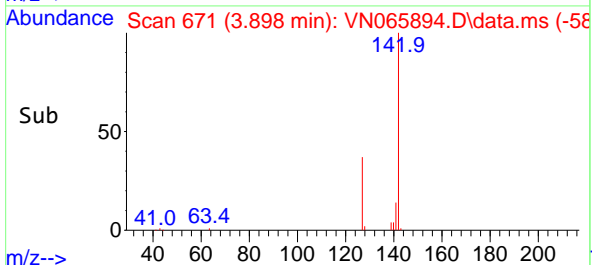


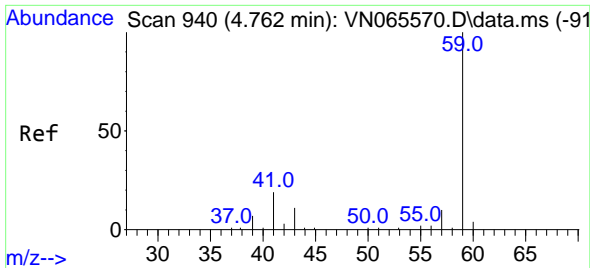
#10  
 Methyl Iodide  
 Concen: 57.74 ug/l  
 RT: 3.898 min Scan# 671  
 Delta R.T. -0.009 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion:142 Resp: 82509

Ion	Ratio	Lower	Upper
142	100		
127	37.8	31.7	47.5
141	14.0	10.9	16.3





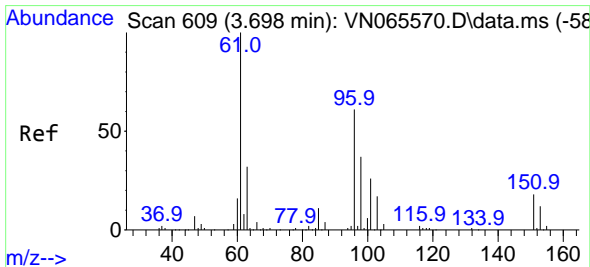
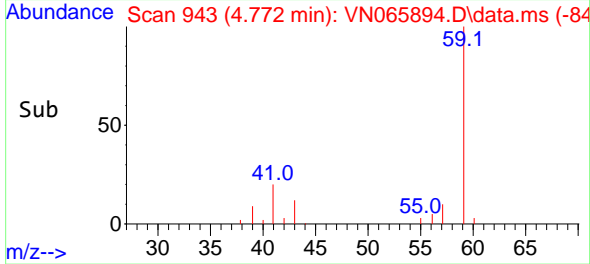
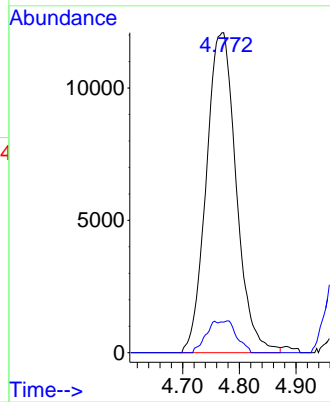
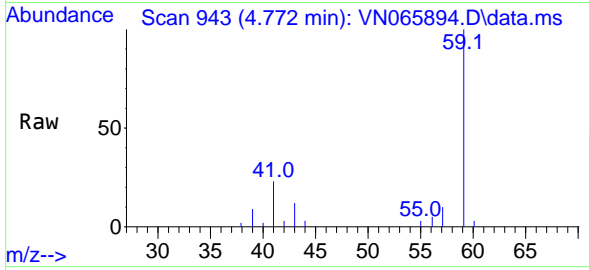
#11  
 Tert butyl alcohol  
 Concen: 195.33 ug/l  
 RT: 4.772 min Scan# 943  
 Delta R.T. 0.010 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion: 59 Resp: 44371  
 Ion Ratio Lower Upper  
 59 100  
 57 4.2 8.0 12.0#

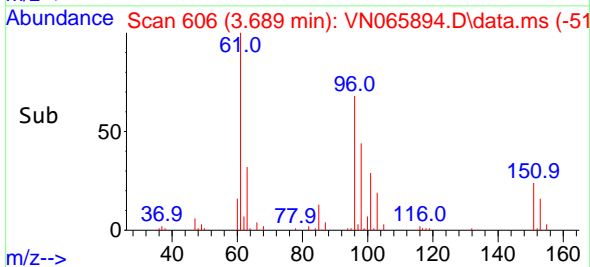
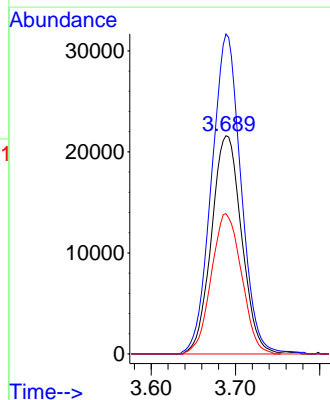
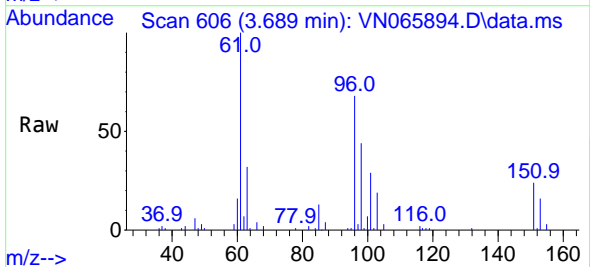
Manual Integrations  
 APPROVED

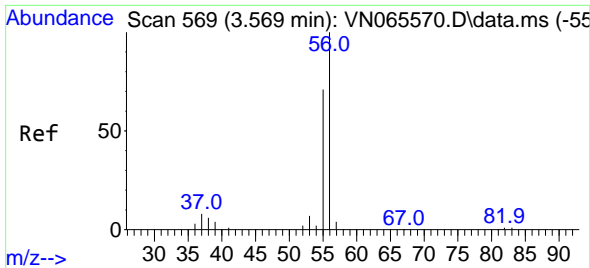
MMDadoda  
 2/17/2021 10:36:17 AM



#12  
 1,1-Dichloroethene  
 Concen: 47.71 ug/l  
 RT: 3.689 min Scan# 606  
 Delta R.T. -0.009 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

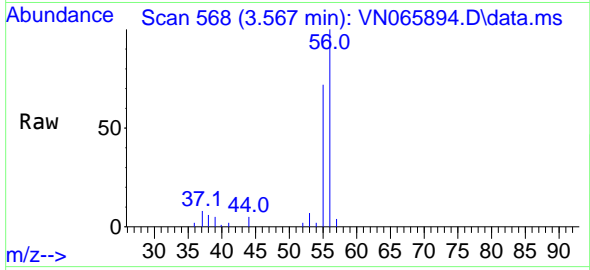
Tgt Ion: 96 Resp: 53535  
 Ion Ratio Lower Upper  
 96 100  
 61 146.6 122.5 183.7  
 98 64.3 50.8 76.2





#13  
 Acrolein  
 Concen: 254.84 ug/l  
 RT: 3.567 min Scan# 568  
 Delta R.T. -0.002 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

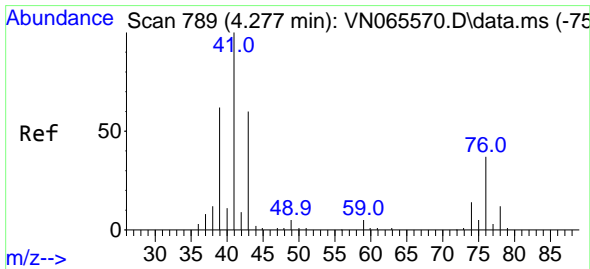
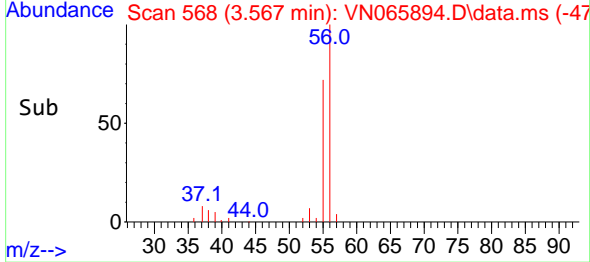
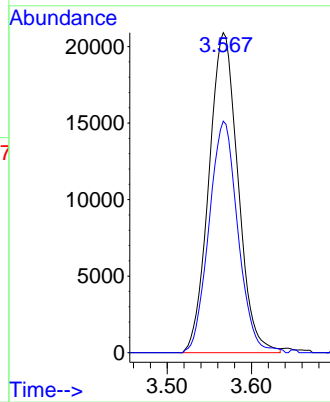
Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC



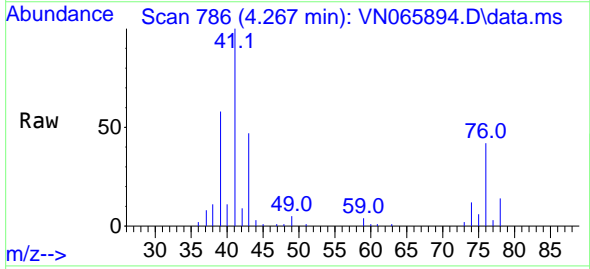
Tgt Ion: 56 Resp: 50102  
 Ion Ratio Lower Upper  
 56 100  
 55 71.8 56.0 84.0

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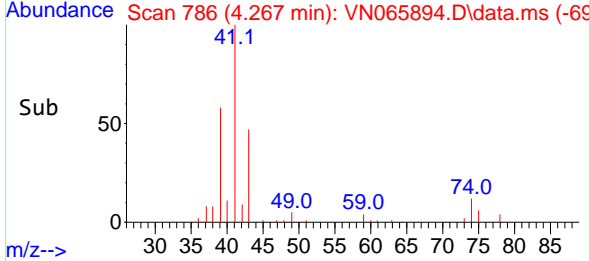
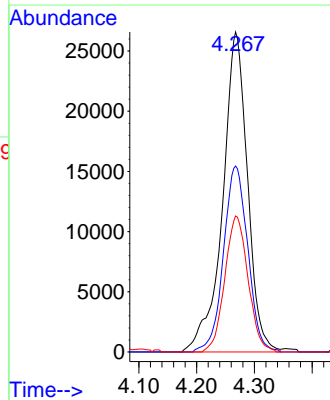
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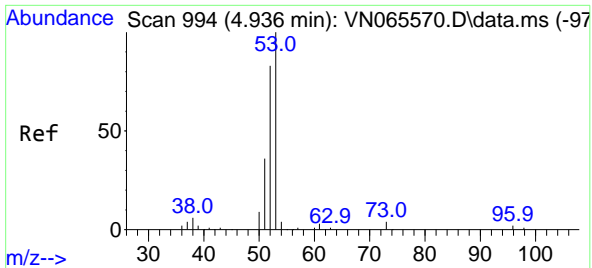


#14  
 Allyl chloride  
 Concen: 38.22 ug/l  
 RT: 4.267 min Scan# 786  
 Delta R.T. -0.010 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



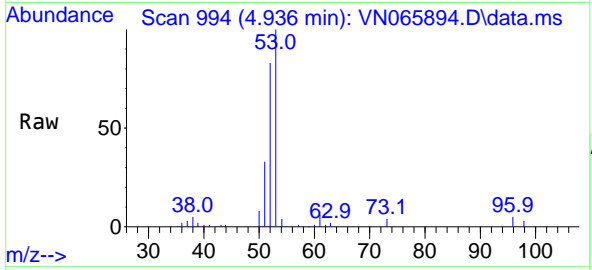
Tgt Ion: 41 Resp: 79513  
 Ion Ratio Lower Upper  
 41 100  
 39 56.7 53.0 79.4  
 76 39.7 28.9 43.3





#15  
 Acrylonitrile  
 Concen: 215.88 ug/l  
 RT: 4.936 min Scan# 994  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

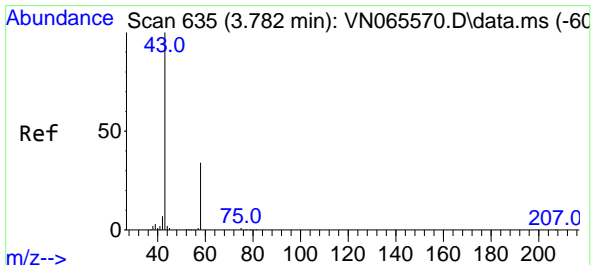
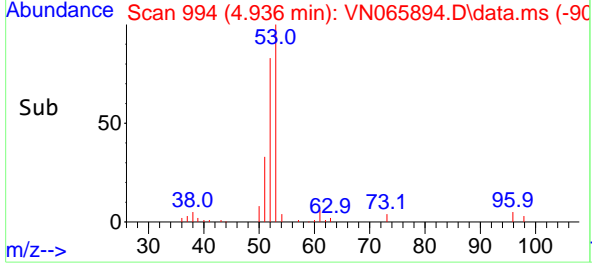
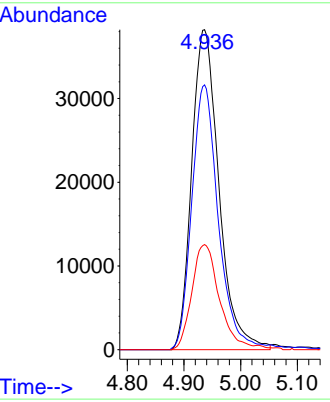
Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC



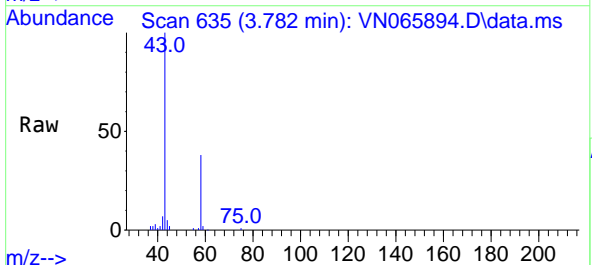
Tgt Ion: 53 Resp: 127754

Ion	Ratio	Lower	Upper
53	100		
52	80.4	66.1	99.1
51	33.0	27.9	41.9

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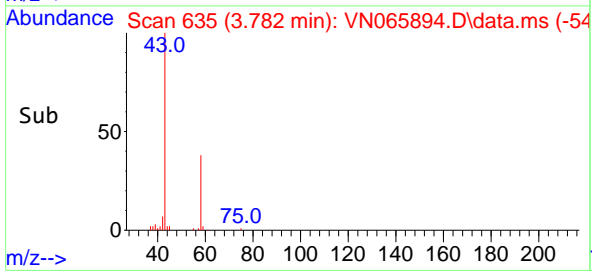
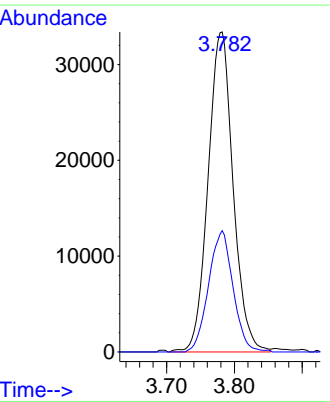


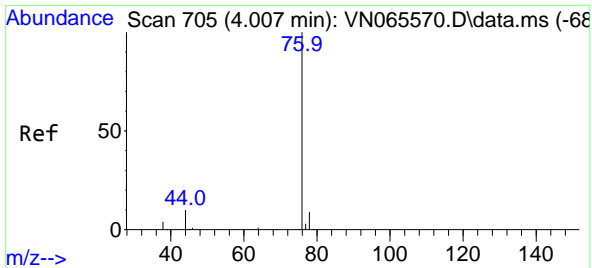
#16  
 Acetone  
 Concen: 181.59 ug/l  
 RT: 3.782 min Scan# 635  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion: 43 Resp: 85731

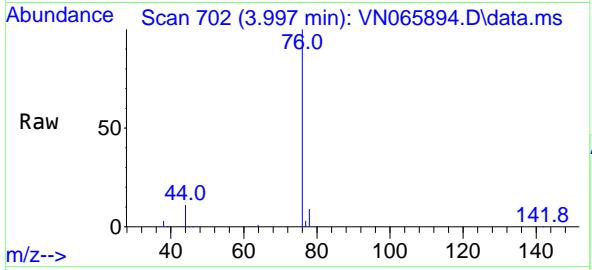
Ion	Ratio	Lower	Upper
43	100		
58	37.9	27.0	40.6





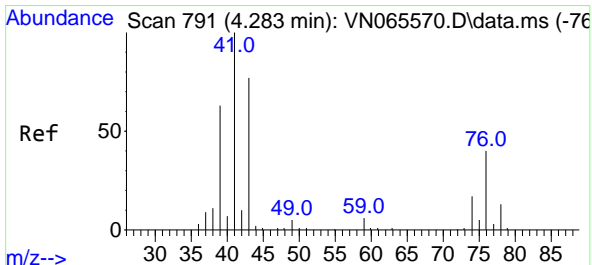
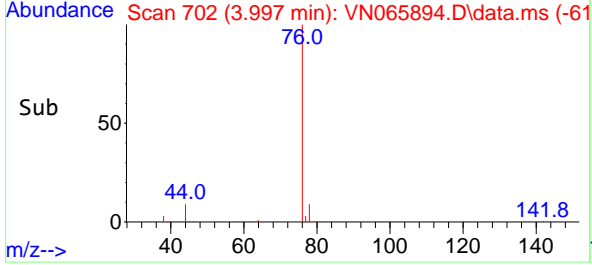
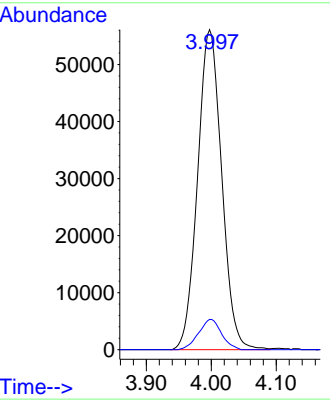
#17  
 Carbon Disulfide  
 Concen: 40.95 ug/l  
 RT: 3.997 min Scan# 702  
 Delta R.T. -0.010 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

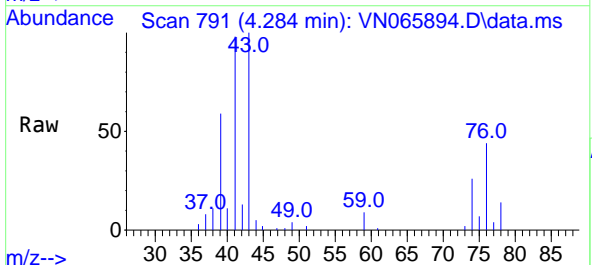


Tgt Ion: 76 Resp: 144666  
 Ion Ratio Lower Upper  
 76 100  
 78 9.4 7.8 11.6

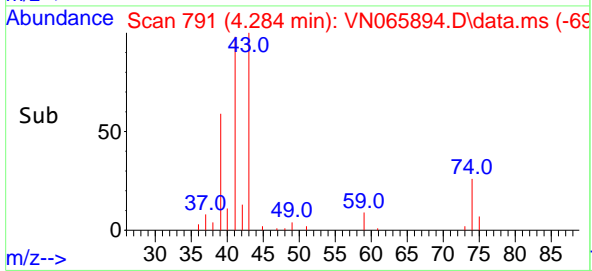
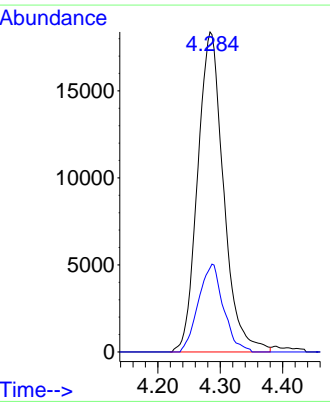
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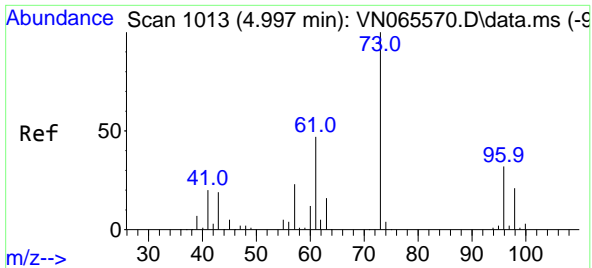


#18  
 Methyl Acetate  
 Concen: 40.09 ug/l  
 RT: 4.284 min Scan# 791  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



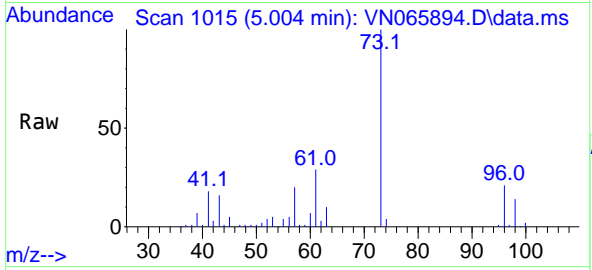
Tgt Ion: 43 Resp: 53034  
 Ion Ratio Lower Upper  
 43 100  
 74 26.5 19.5 29.3





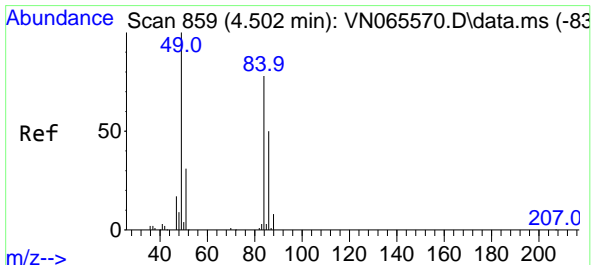
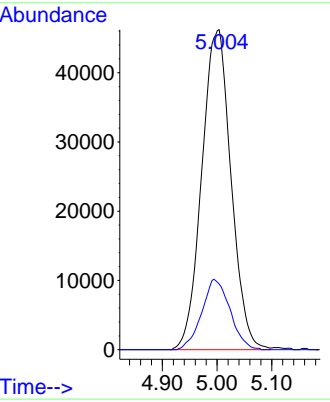
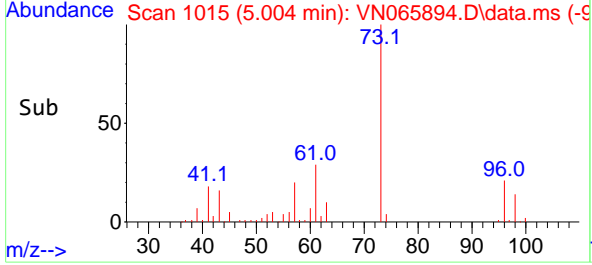
#19  
 Methyl tert-butyl Ether  
 Concen: 45.83 ug/l  
 RT: 5.004 min Scan# 1015  
 Delta R.T. 0.007 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDC050EC

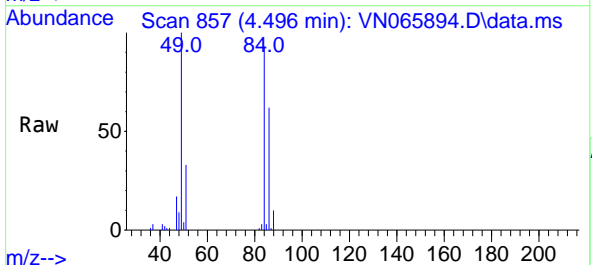


Tgt Ion: 73 Resp: 171656  
 Ion Ratio Lower Upper  
 73 100  
 57 20.5 17.3 25.9

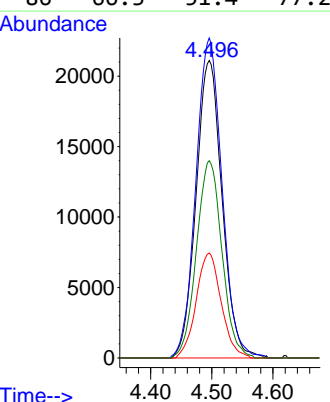
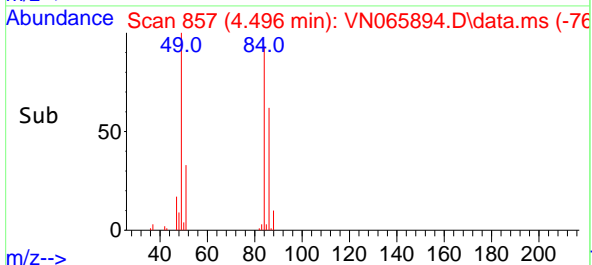
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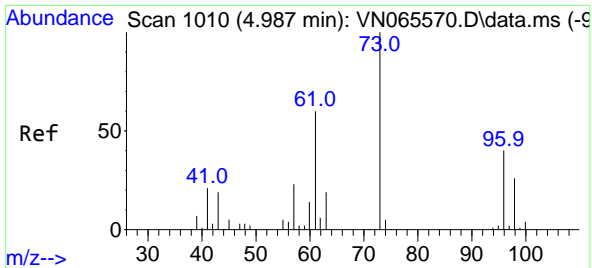


#20  
 Methylene Chloride  
 Concen: 47.83 ug/l  
 RT: 4.496 min Scan# 857  
 Delta R.T. -0.006 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



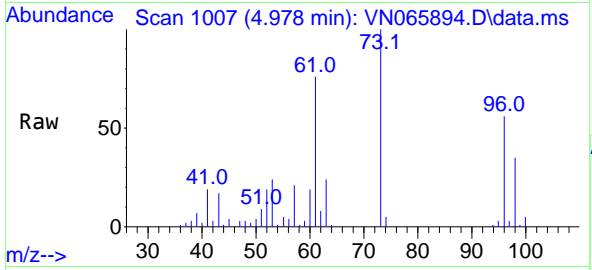
Tgt Ion: 84 Resp: 62527  
 Ion Ratio Lower Upper  
 84 100  
 49 107.6 94.6 141.8  
 51 35.3 29.9 44.9  
 86 66.3 51.4 77.2





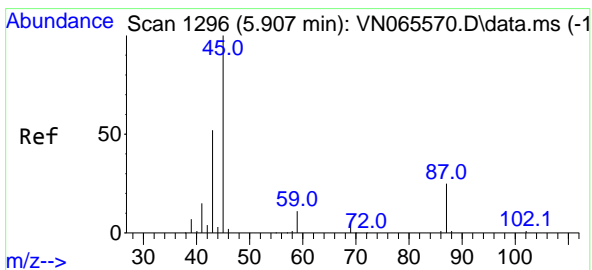
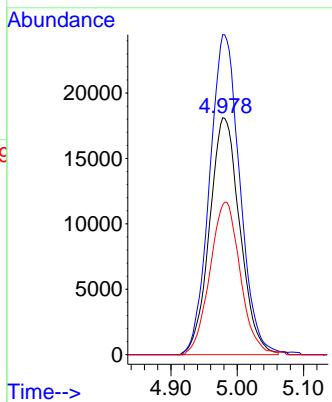
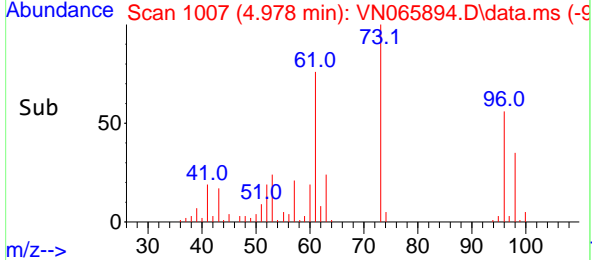
#21  
 trans-1,2-Dichloroethene  
 Concen: 48.22 ug/l  
 RT: 4.978 min Scan# 1007  
 Delta R.T. -0.009 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC

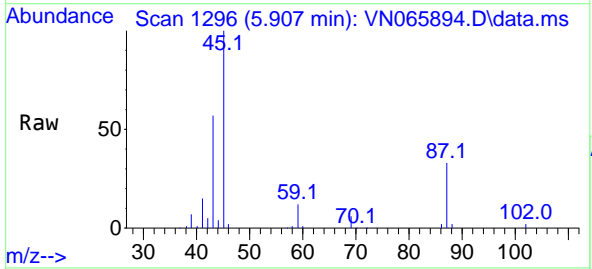


Tgt Ion: 96 Resp: 57504  
 Ion Ratio Lower Upper  
 96 100  
 61 135.1 104.9 157.3  
 98 63.3 51.8 77.8

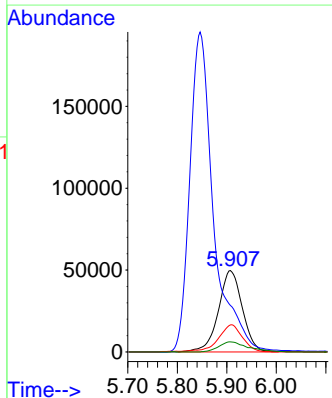
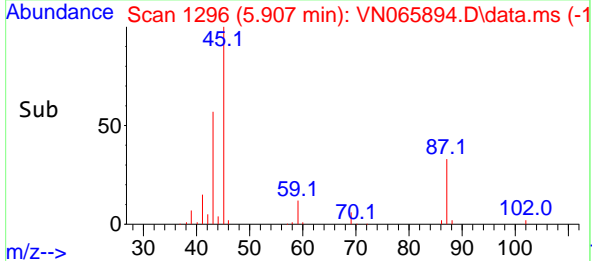
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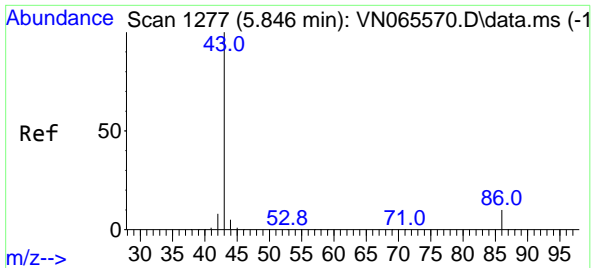


#22  
 Diisopropyl ether  
 Concen: 39.25 ug/l  
 RT: 5.907 min Scan# 1296  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



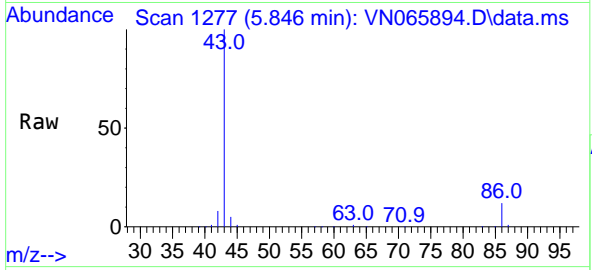
Tgt Ion: 45 Resp: 166893  
 Ion Ratio Lower Upper  
 45 100  
 43 55.0 48.9 73.3  
 87 33.2 23.7 35.5  
 59 12.3 9.9 14.9





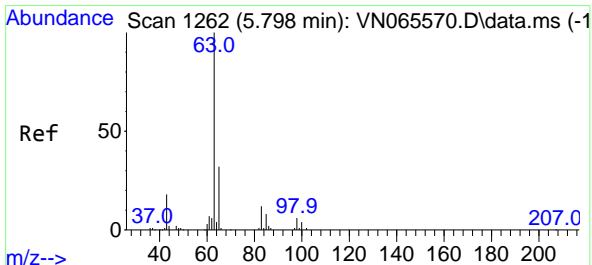
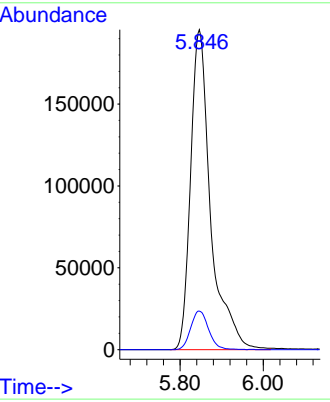
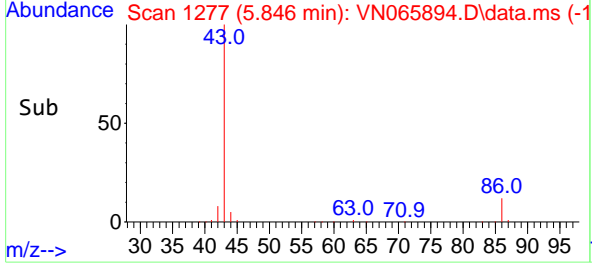
#23  
 Vinyl Acetate  
 Concen: 192.69 ug/l  
 RT: 5.846 min Scan# 1277  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

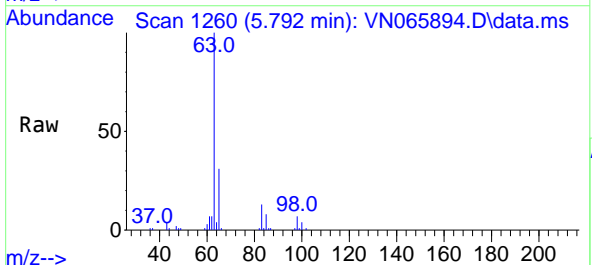


Tgt Ion: 43 Resp: 654506  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 8.6 13.0

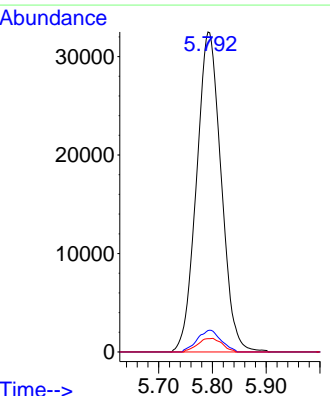
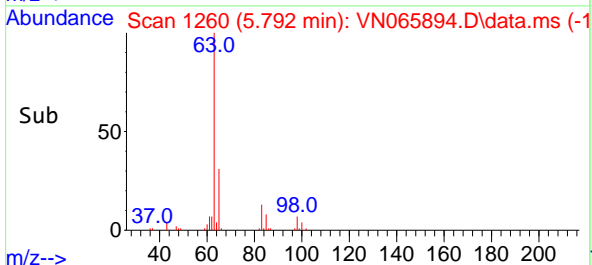
**Manual Integrations**  
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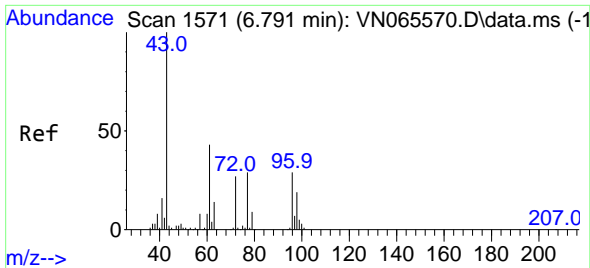
#24  
 1,1-Dichloroethane  
 Concen: 45.57 ug/l  
 RT: 5.792 min Scan# 1260  
 Delta R.T. -0.006 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion: 63 Resp: 103291  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.5 10.4  
 100 4.2 2.3 6.9

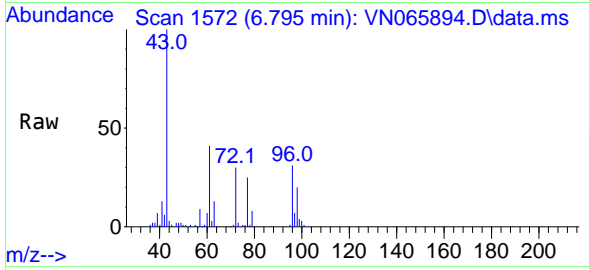






#25  
 2-Butanone  
 Concen: 198.97 ug/l  
 RT: 6.795 min Scan# 1572  
 Delta R.T. 0.004 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

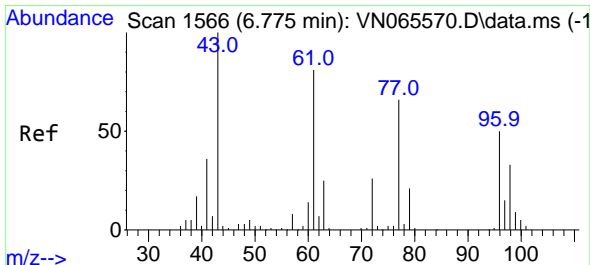
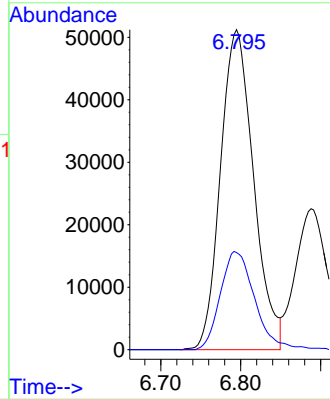
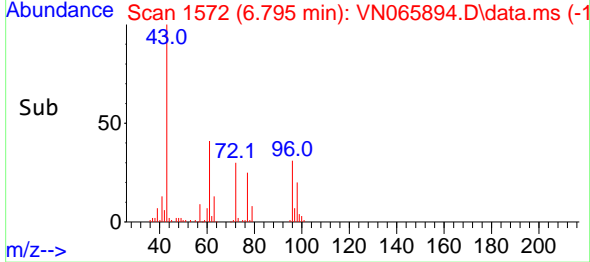
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC



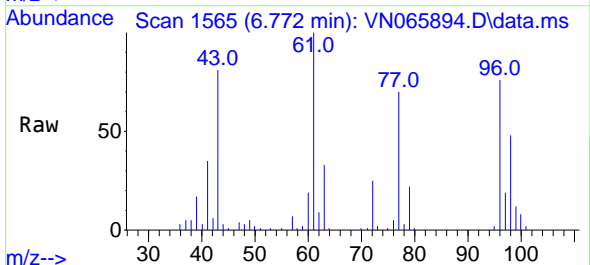
Tgt Ion: 43 Resp: 147287  
 Ion Ratio Lower Upper  
 43 100  
 72 30.3 23.1 34.7

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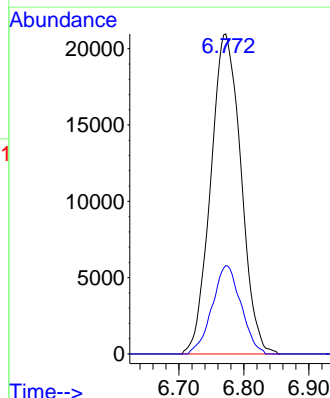
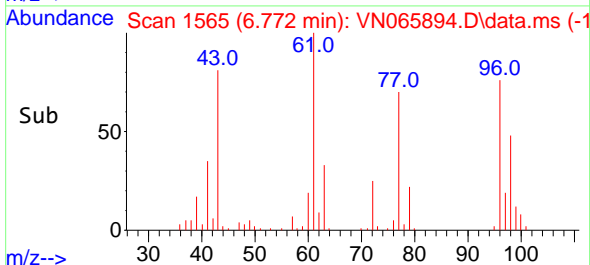
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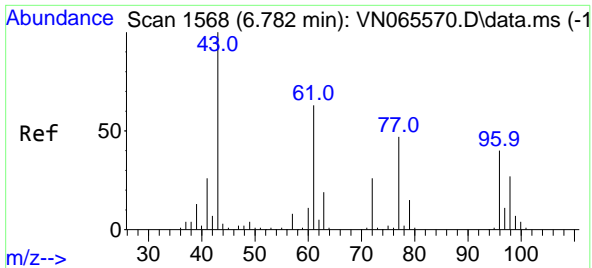


#26  
 2,2-Dichloropropane  
 Concen: 37.40 ug/l  
 RT: 6.772 min Scan# 1565  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



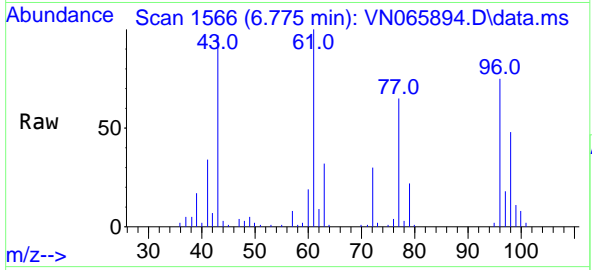
Tgt Ion: 77 Resp: 67846  
 Ion Ratio Lower Upper  
 77 100  
 97 26.3 11.9 35.9





#27  
 cis-1,2-Dichloroethene  
 Concen: 49.87 ug/l  
 RT: 6.775 min Scan# 1566  
 Delta R.T. -0.007 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

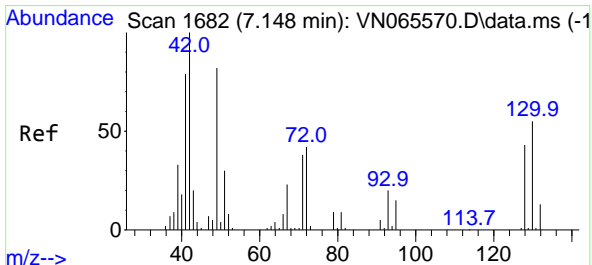
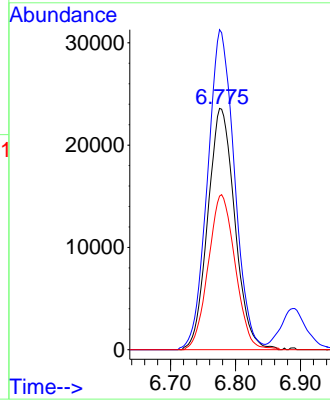
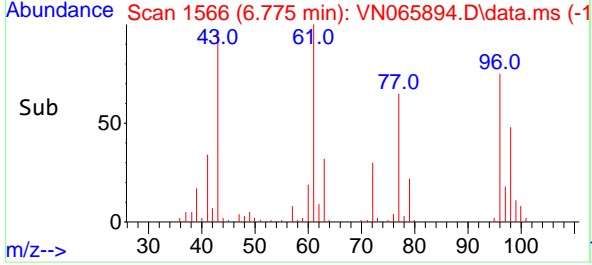
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC



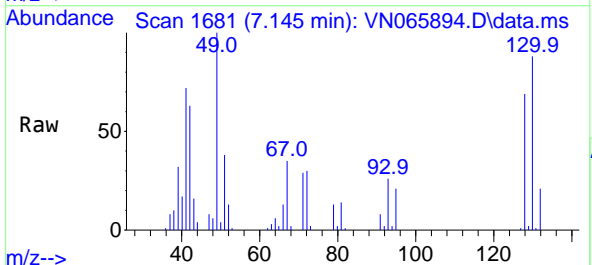
Tgt Ion: 96 Resp: 68142

Ion	Ratio	Lower	Upper
96	100		
61	132.2	0.0	276.8
98	64.2	0.0	129.4

**Manual Integrations**  
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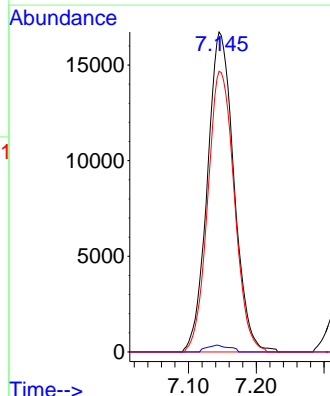
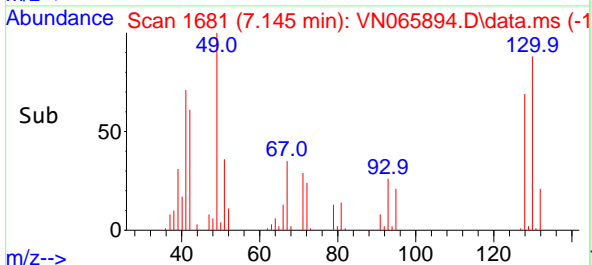


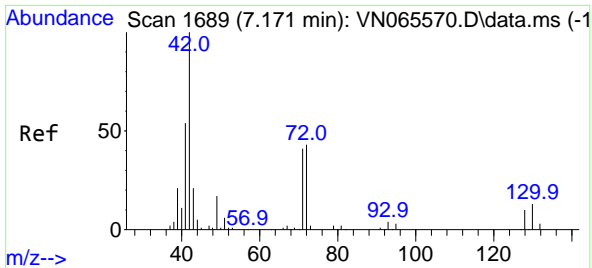
#28  
 Bromochloromethane  
 Concen: 47.83 ug/l  
 RT: 7.145 min Scan# 1681  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion: 49 Resp: 45558

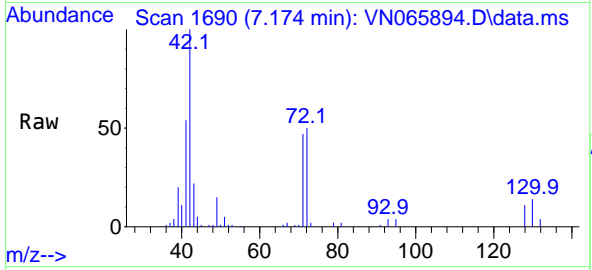
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	87.5	67.8	101.6





#29  
 Tetrahydrofuran  
 Concen: 193.32 ug/l  
 RT: 7.174 min Scan# 1690  
 Delta R.T. 0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

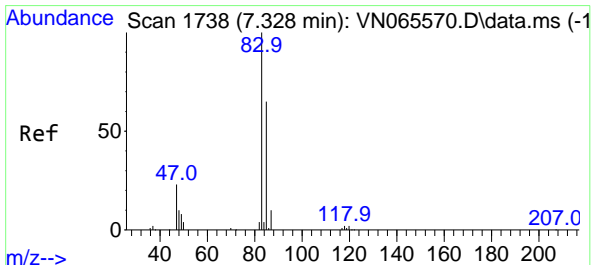
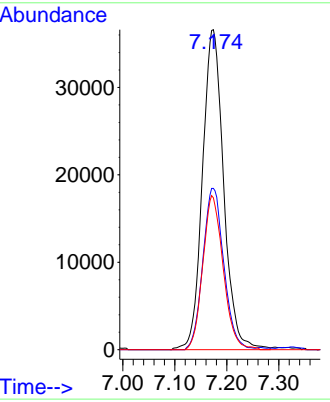
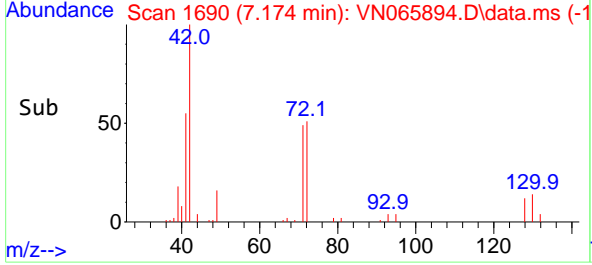
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC



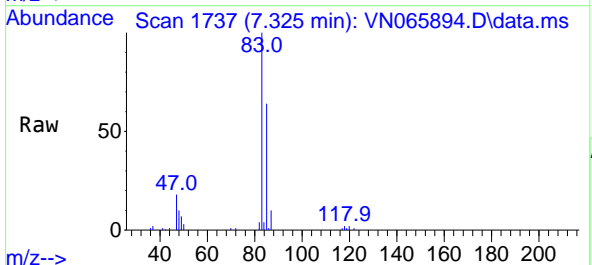
Tgt Ion: 42 Resp: 103795

Ion	Ratio	Lower	Upper
42	100		
72	49.8	36.6	55.0
71	46.3	34.3	51.5

**Manual Integrations**  
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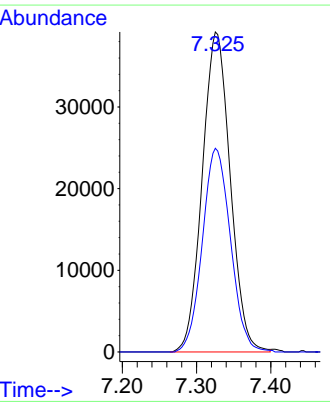
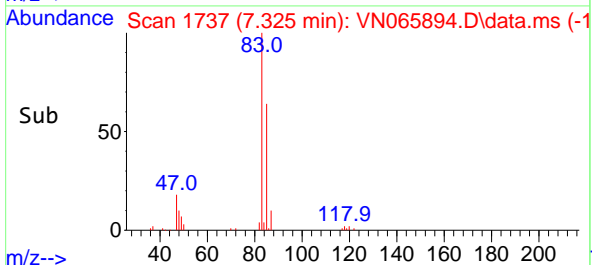


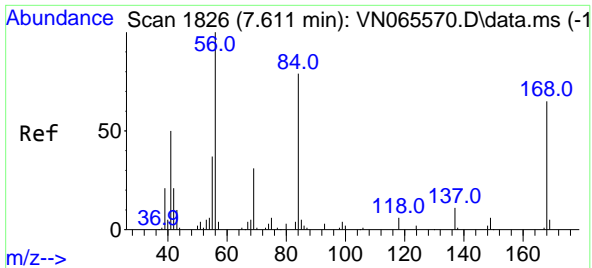
#30  
 Chloroform  
 Concen: 49.16 ug/l  
 RT: 7.325 min Scan# 1737  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion: 83 Resp: 102627

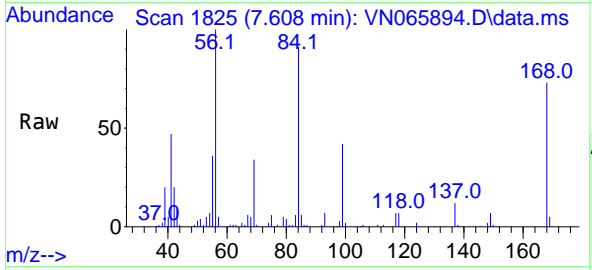
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.6	78.8





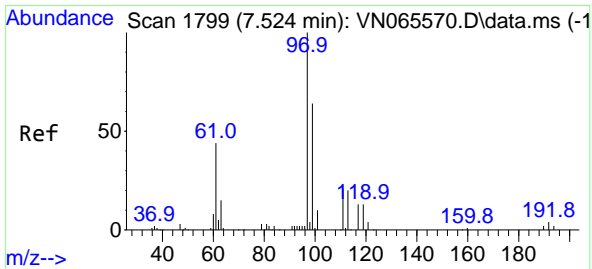
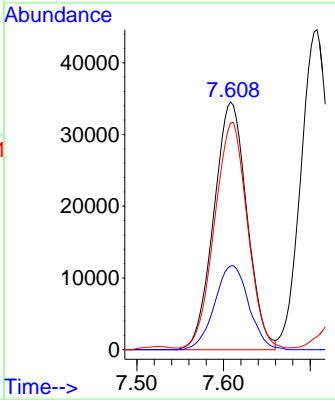
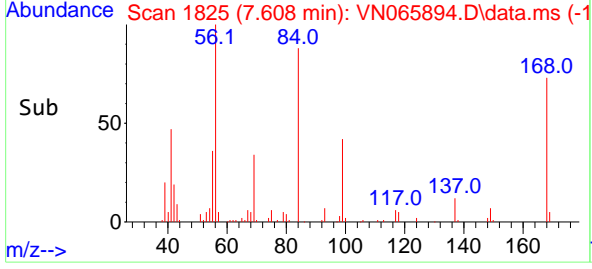
#31  
 Cyclohexane  
 Concen: 40.33 ug/l  
 RT: 7.608 min Scan# 1825  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**Client Sampled :**  
 VSTDCCC050EC

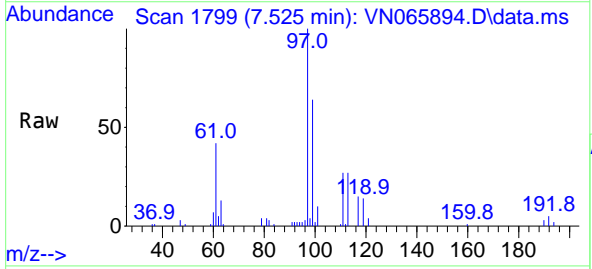


Tgt Ion: 56 Resp: 91977  
 Ion Ratio Lower Upper  
 56 100  
 69 33.8 26.6 39.8  
 84 90.8 70.4 105.6

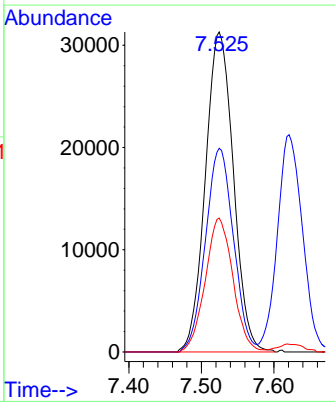
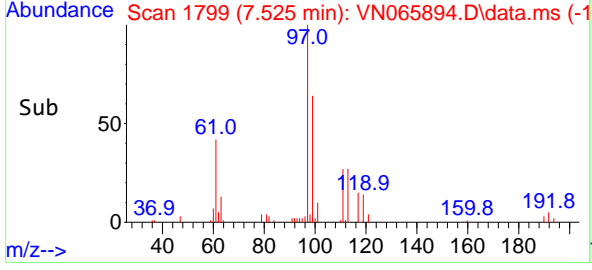
**Manual Integrations**  
**APPROVED**  
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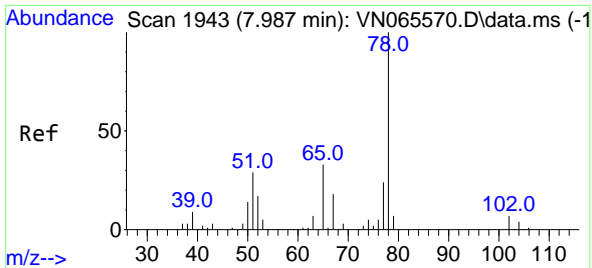


#32  
 1,1,1-Trichloroethane  
 Concen: 49.50 ug/l  
 RT: 7.525 min Scan# 1799  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



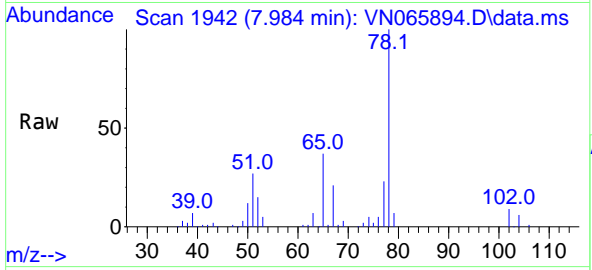
Tgt Ion: 97 Resp: 84121  
 Ion Ratio Lower Upper  
 97 100  
 99 63.6 50.8 76.2  
 61 41.3 34.3 51.5





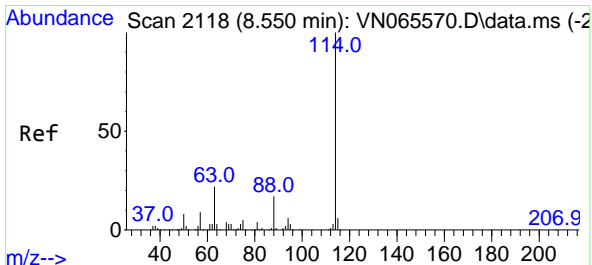
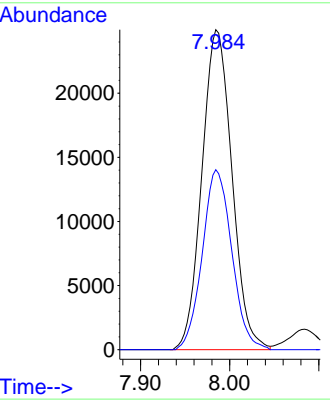
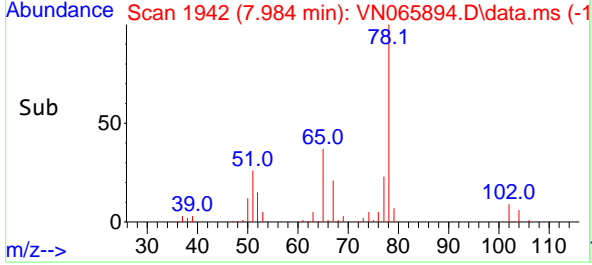
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.31 ug/l  
 RT: 7.984 min Scan# 1942  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

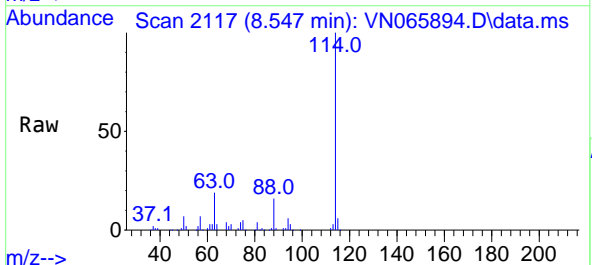


Tgt Ion: 65 Resp: 58584  
 Ion Ratio Lower Upper  
 65 100  
 67 55.2 0.0 107.2

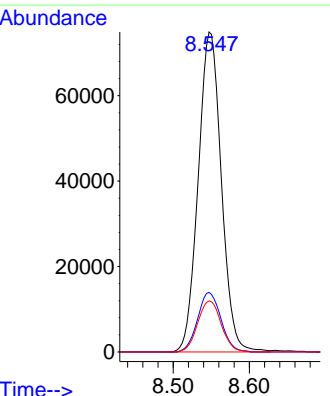
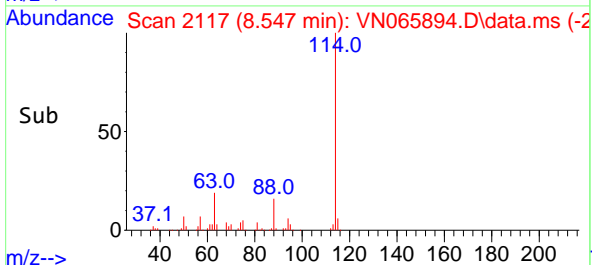
**Manual Integrations**  
**APPROVED**  
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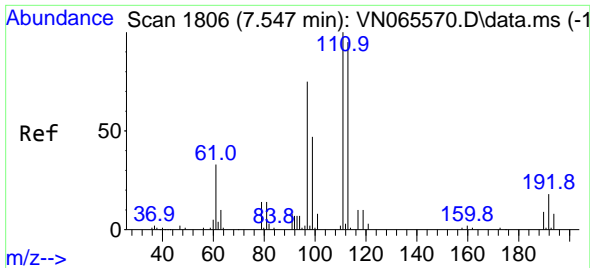


#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.547 min Scan# 2117  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



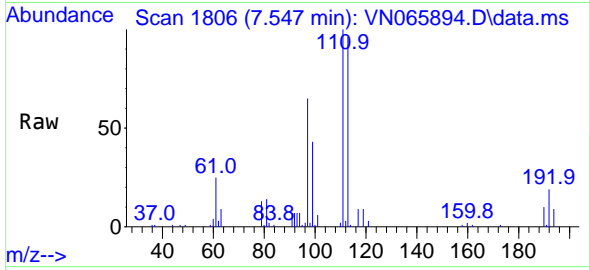
Tgt Ion: 114 Resp: 158214  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 38.6  
 88 15.9 0.0 30.6





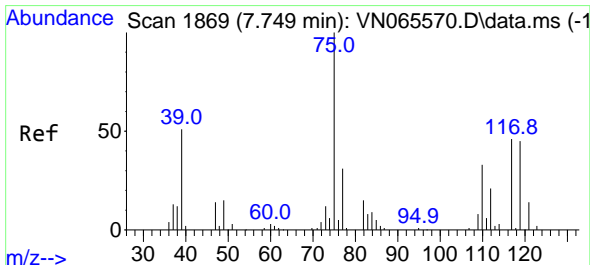
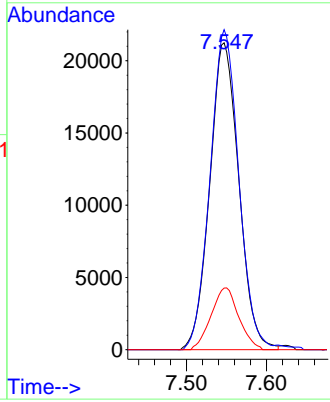
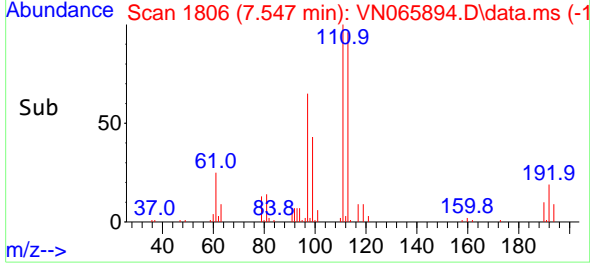
#35  
 Dibromofluoromethane  
 Concen: 57.27 ug/l  
 RT: 7.547 min Scan# 1806  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

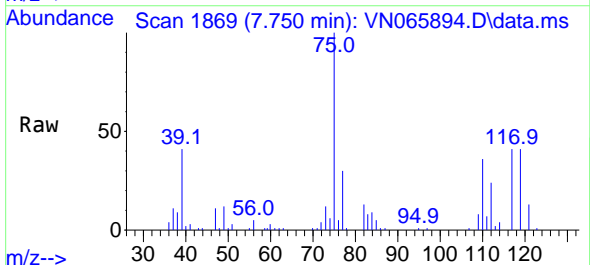


Tgt Ion:113 Resp: 53697  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 82.2 123.2  
 192 19.2 15.4 23.0

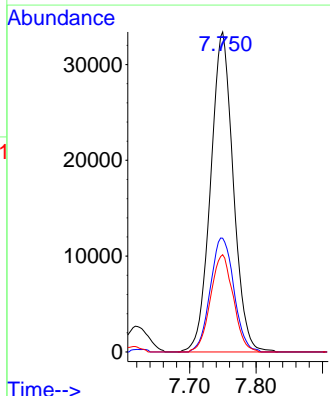
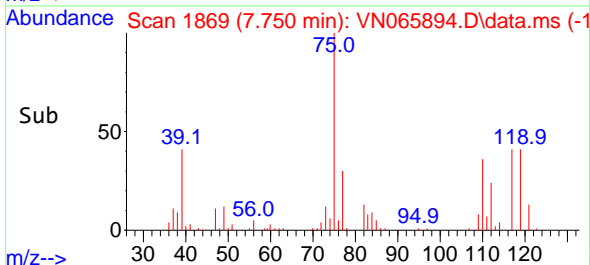
**Manual Integrations**  
**APPROVED**  
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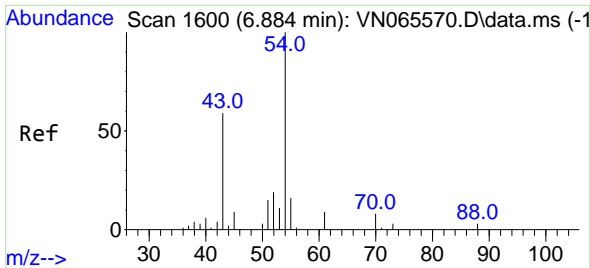


#36  
 1,1-Dichloropropene  
 Concen: 49.75 ug/l  
 RT: 7.750 min Scan# 1869  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



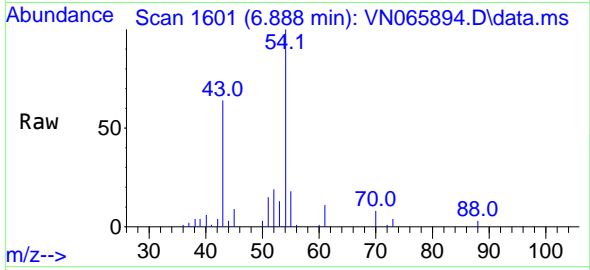
Tgt Ion: 75 Resp: 79204  
 Ion Ratio Lower Upper  
 75 100  
 110 37.1 18.2 54.6  
 77 30.5 24.9 37.3





#37  
 Ethyl Acetate  
 Concen: 42.39 ug/l  
 RT: 6.888 min Scan# 1601  
 Delta R.T. 0.004 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

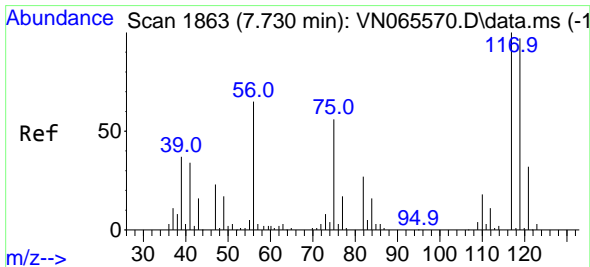
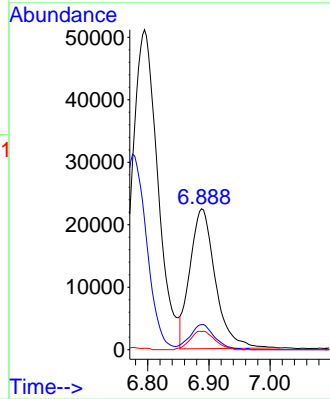
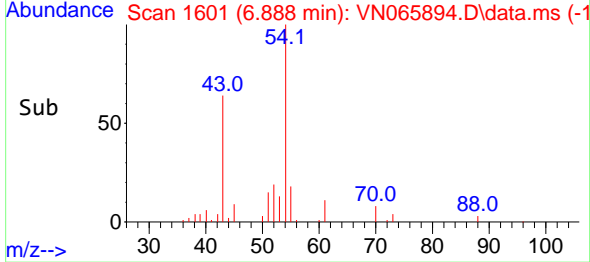
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC



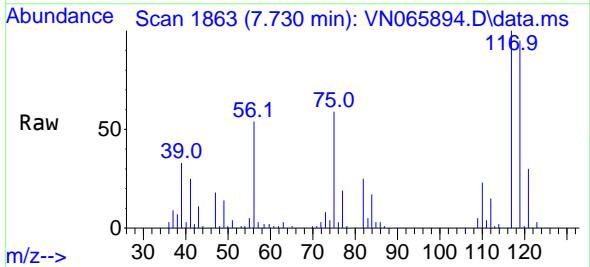
Tgt Ion: 43 Resp: 64746  
 Ion Ratio Lower Upper  
 43 100  
 61 17.6 11.6 17.4#  
 70 12.7 8.6 13.0

Manual Integrations  
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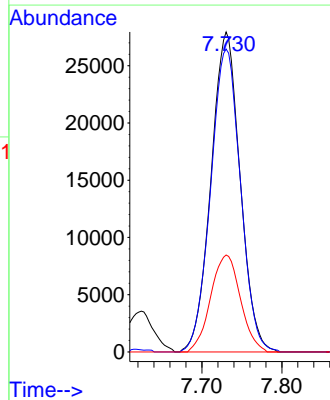
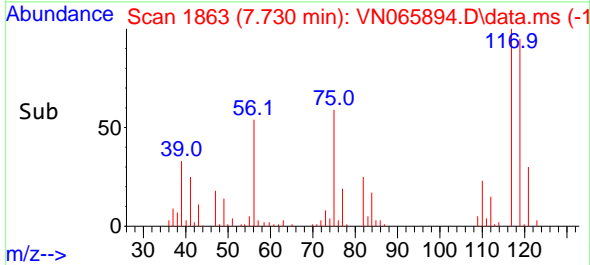
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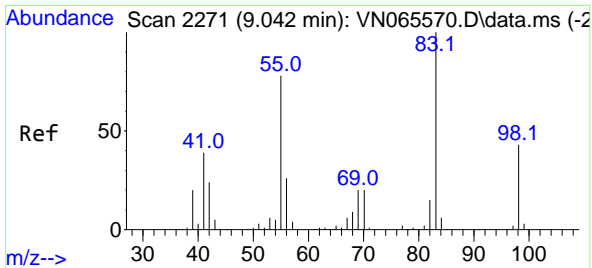


#38  
 Carbon Tetrachloride  
 Concen: 53.84 ug/l  
 RT: 7.730 min Scan# 1863  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



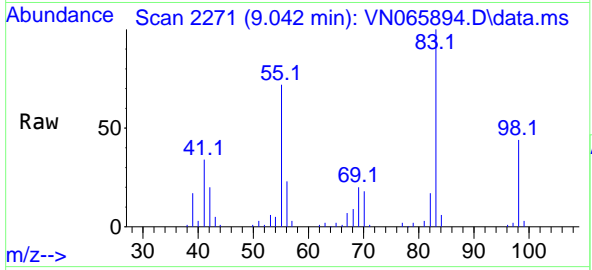
Tgt Ion: 117 Resp: 70573  
 Ion Ratio Lower Upper  
 117 100  
 119 94.6 76.0 114.0  
 121 30.3 24.5 36.7





#39  
 Methylcyclohexane  
 Concen: 46.62 ug/l  
 RT: 9.042 min Scan# 2271  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

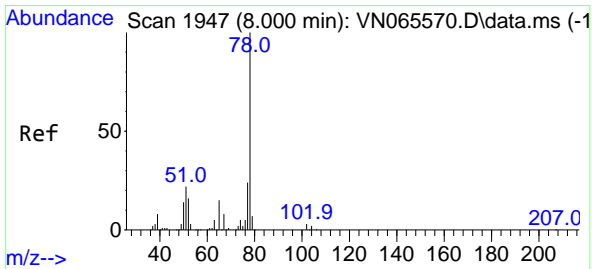
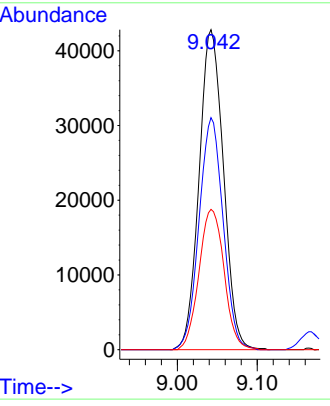
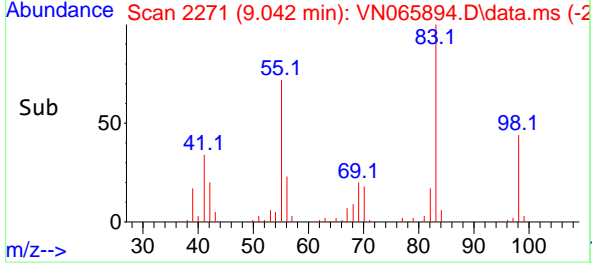
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC



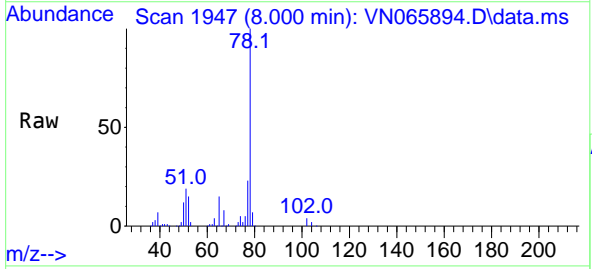
Tgt Ion: 83 Resp: 90551

Ion	Ratio	Lower	Upper
83	100		
55	72.5	58.9	88.3
98	43.9	35.9	53.9

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**APPROVED**  
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 2/17/2021 10:36:17 AM

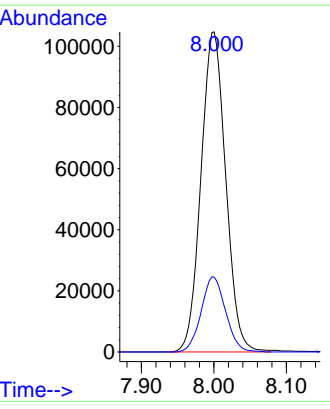
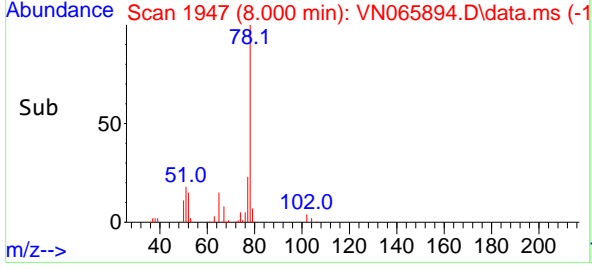


#40  
 Benzene  
 Concen: 51.03 ug/l  
 RT: 8.000 min Scan# 1947  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

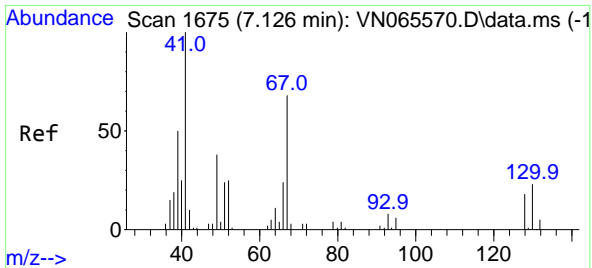


Tgt Ion: 78 Resp: 248124

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4

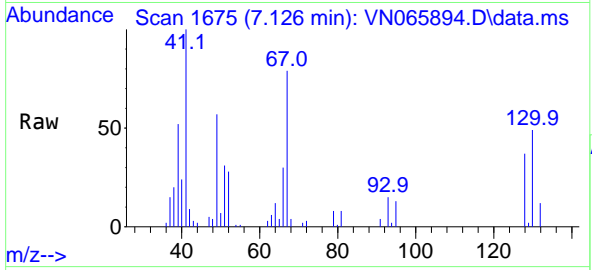






#41  
 Methacrylonitrile  
 Concen: 36.33 ug/l  
 RT: 7.126 min Scan# 1675  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

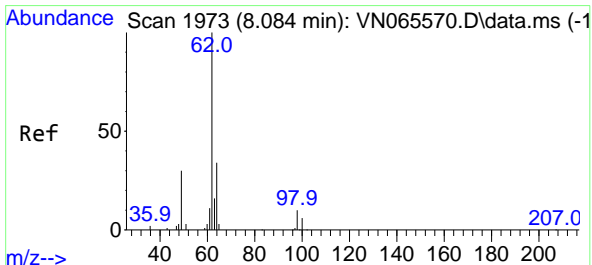
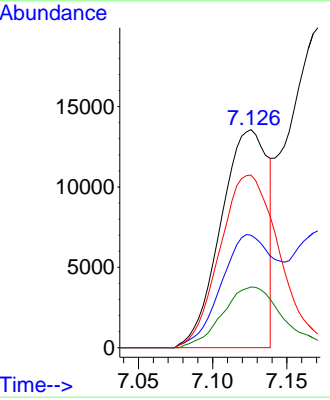
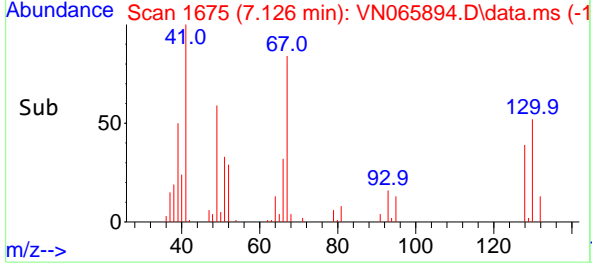
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC



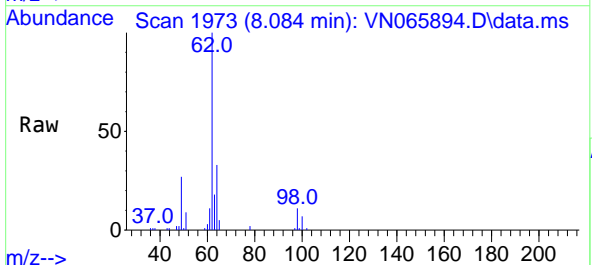
Tgt Ion: 41 Resp: 29796

Ion	Ratio	Lower	Upper
41	100		
39	61.6	0.0	0.0#
67	102.2	0.0	0.0#
52	35.7	0.0	0.0#

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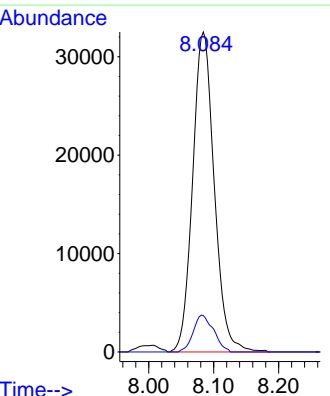
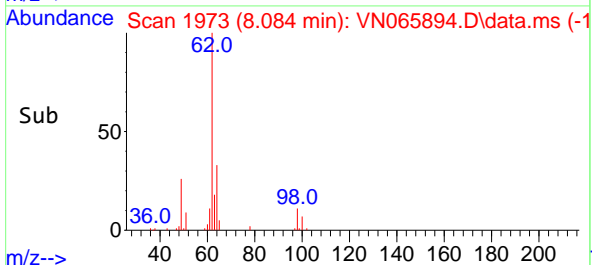


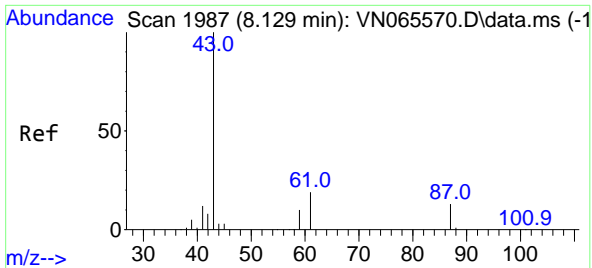
#42  
 1,2-Dichloroethane  
 Concen: 51.27 ug/l  
 RT: 8.084 min Scan# 1973  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion: 62 Resp: 75143

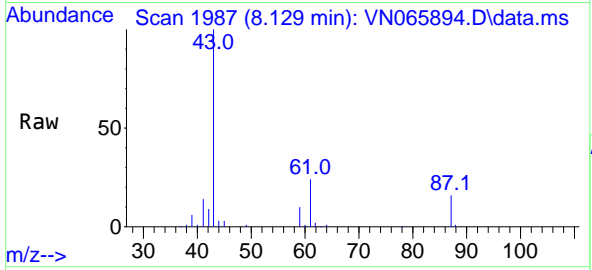
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	18.6





#43  
 Isopropyl Acetate  
 Concen: 39.28 ug/l  
 RT: 8.129 min Scan# 1987  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

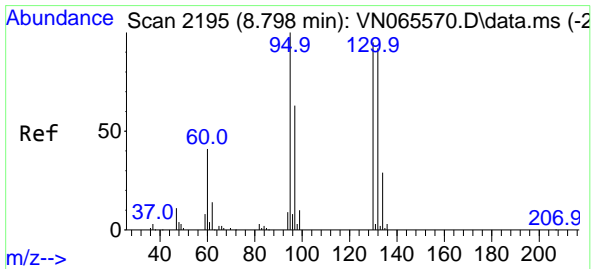
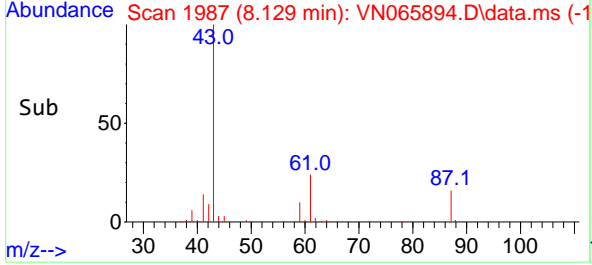
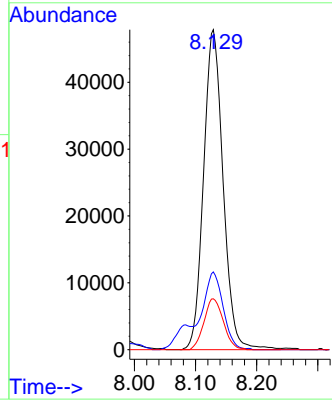
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC



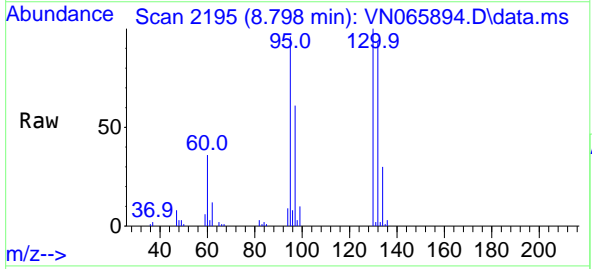
Tgt Ion: 43 Resp: 106391

Ion	Ratio	Lower	Upper
43	100		
61	24.2	22.5	33.7
87	15.8	11.1	16.7

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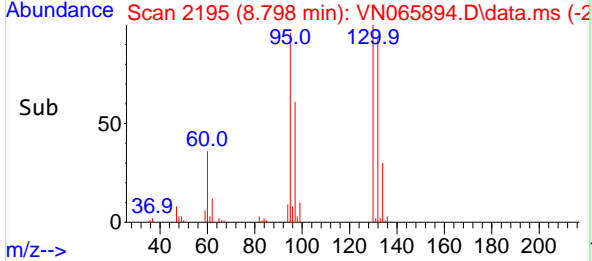
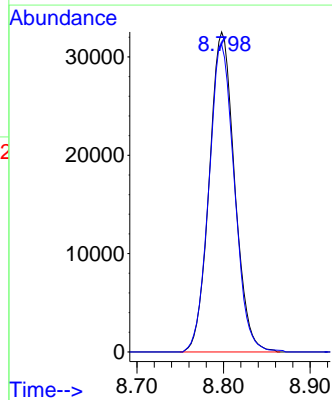


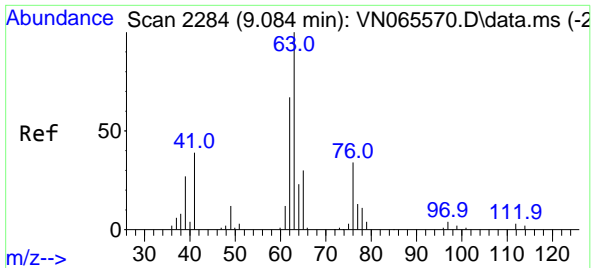
#44  
 Trichloroethene  
 Concen: 56.05 ug/l  
 RT: 8.798 min Scan# 2195  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion: 130 Resp: 66123

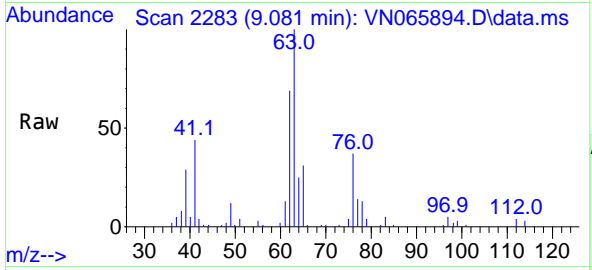
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	199.6





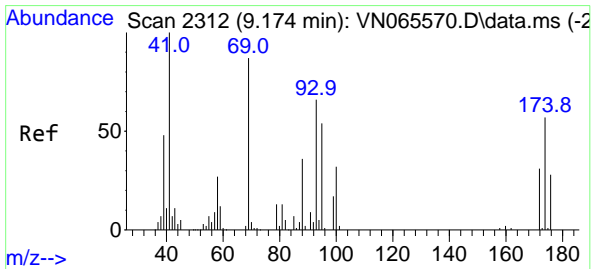
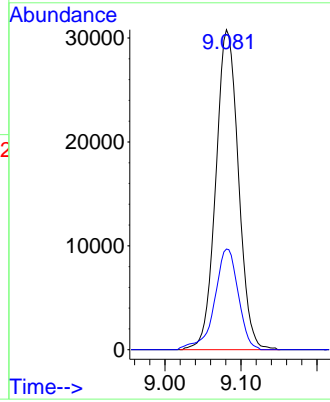
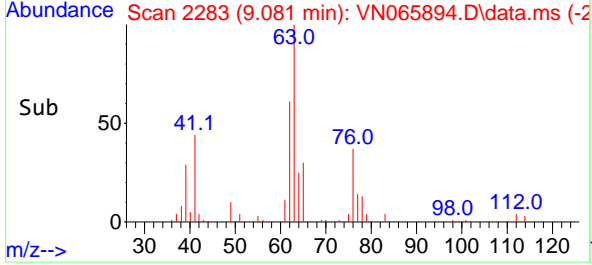
#45  
 1,2-Dichloropropane  
 Concen: 47.60 ug/l  
 RT: 9.081 min Scan# 2283  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument : MSVOA\_N  
 ClientSampled : VSTDCCC050EC

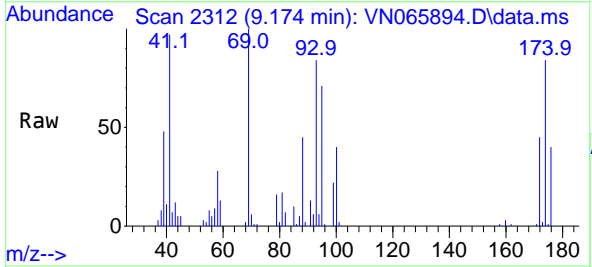


Tgt Ion: 63 Resp: 63680  
 Ion Ratio Lower Upper  
 63 100  
 65 31.4 24.9 37.3

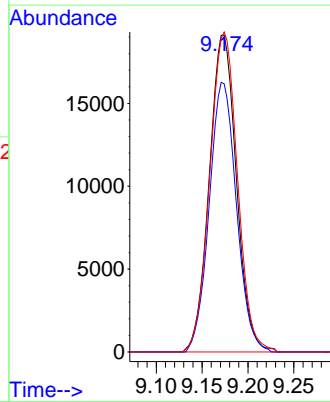
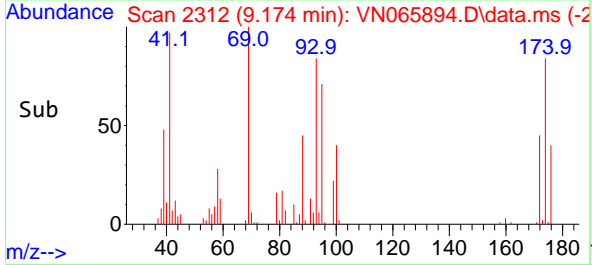
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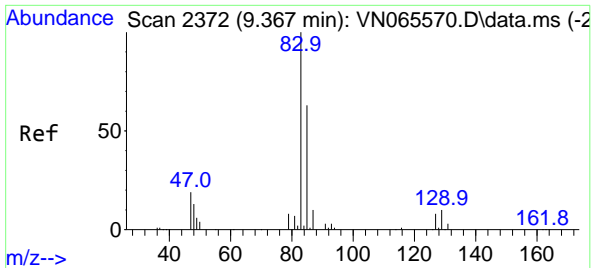


#46  
 Dibromomethane  
 Concen: 53.28 ug/l  
 RT: 9.174 min Scan# 2312  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



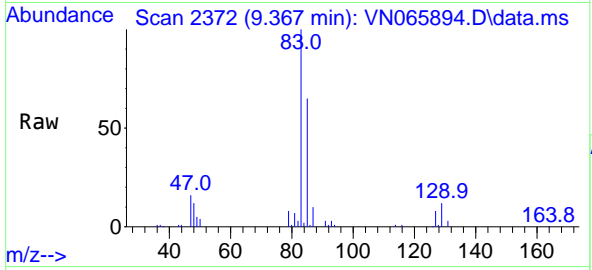
Tgt Ion: 93 Resp: 39376  
 Ion Ratio Lower Upper  
 93 100  
 95 85.2 67.0 100.6  
 174 102.6 83.2 124.8





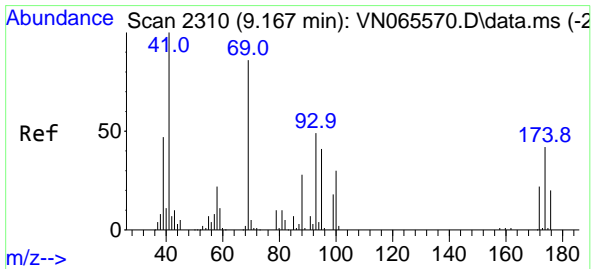
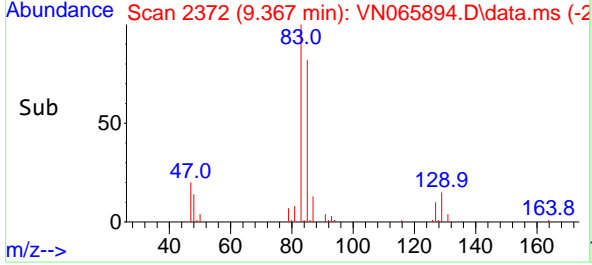
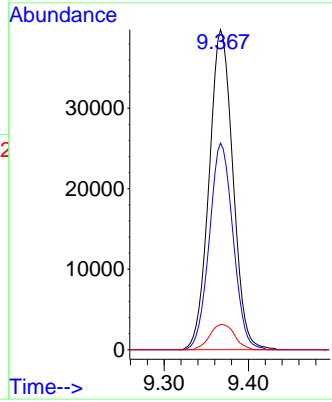
#47  
 Bromodichloromethane  
 Concen: 49.18 ug/l  
 RT: 9.367 min Scan# 2372  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC

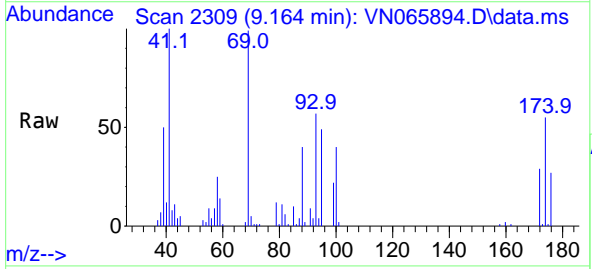


Tgt Ion: 83 Resp: 77969  
 Ion Ratio Lower Upper  
 83 100  
 85 64.6 51.0 76.4  
 127 7.8 7.0 10.6

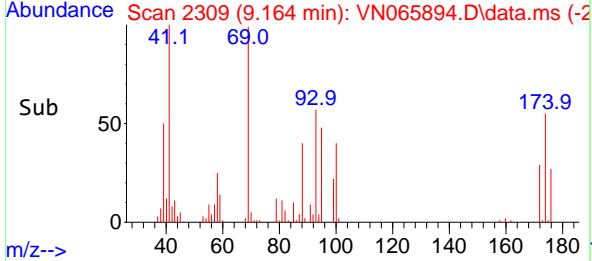
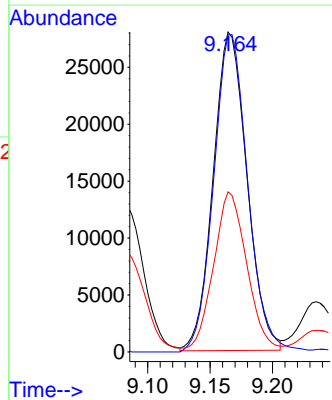
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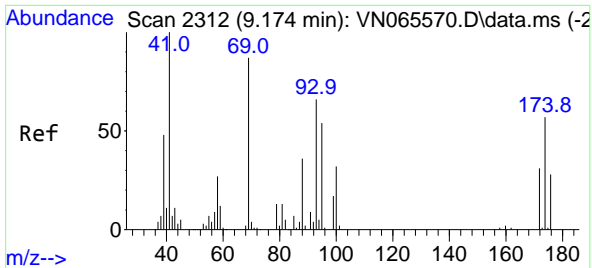


#48  
 Methyl methacrylate  
 Concen: 41.00 ug/l  
 RT: 9.164 min Scan# 2309  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



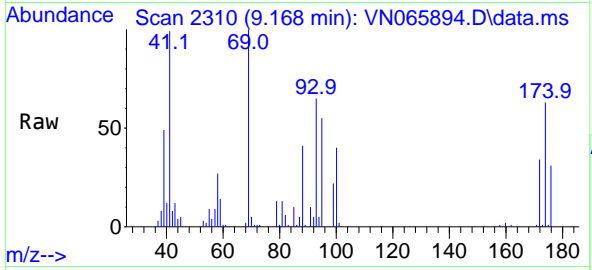
Tgt Ion: 41 Resp: 52680  
 Ion Ratio Lower Upper  
 41 100  
 69 100.9 75.9 113.9  
 39 50.0 46.6 69.8





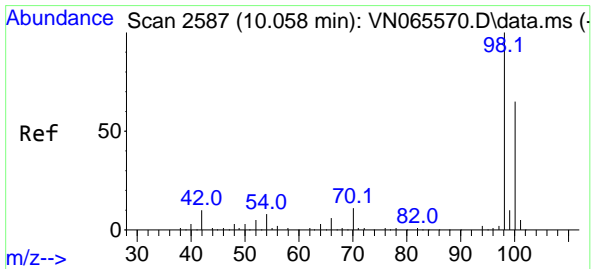
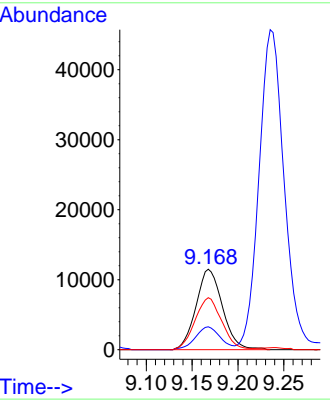
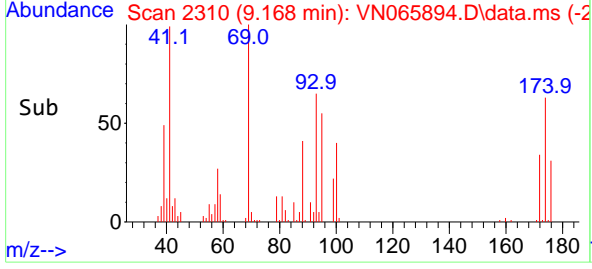
#49  
 1,4-Dioxane  
 Concen: 1108.84 ug/l  
 RT: 9.168 min Scan# 2310  
 Delta R.T. -0.006 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

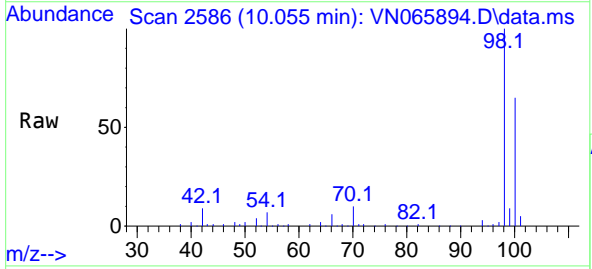


Tgt Ion: 88 Resp: 23054  
 Ion Ratio Lower Upper  
 88 100  
 43 26.9 24.7 37.1  
 58 65.2 52.6 78.8

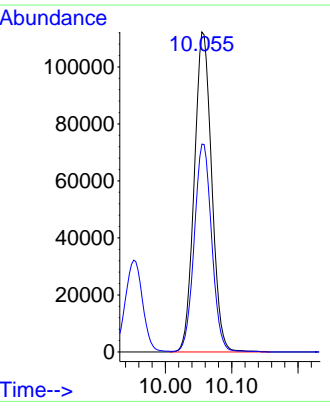
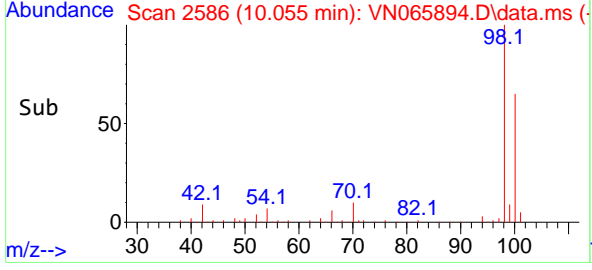
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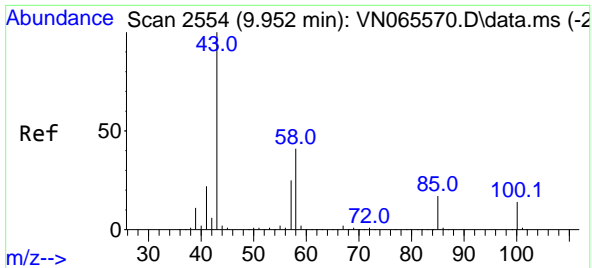


#50  
 Toluene-d8  
 Concen: 55.50 ug/l  
 RT: 10.055 min Scan# 2586  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



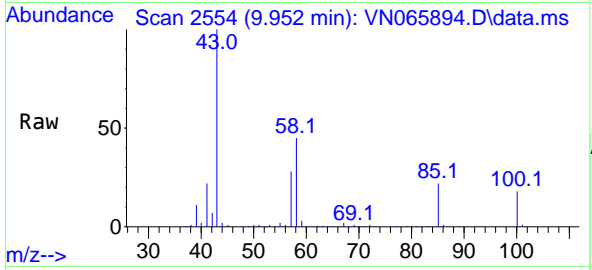
Tgt Ion: 98 Resp: 204557  
 Ion Ratio Lower Upper  
 98 100  
 100 65.4 50.5 75.7





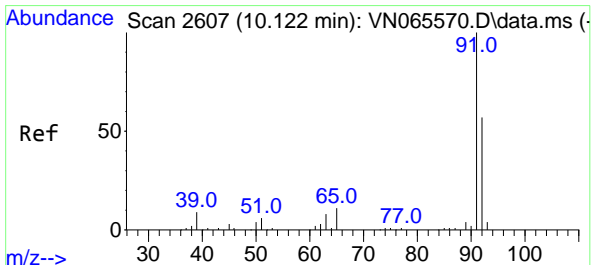
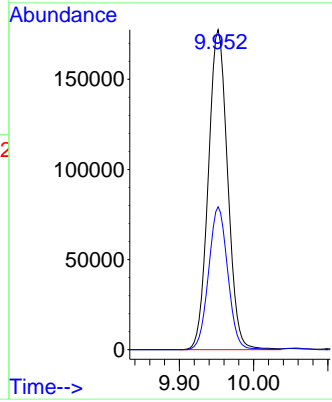
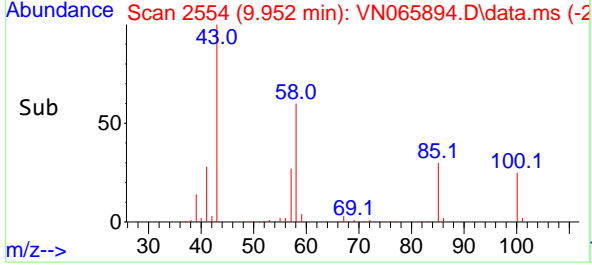
#51  
 4-Methyl-2-Pentanone  
 Concen: 214.87 ug/l  
 RT: 9.952 min Scan# 2554  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

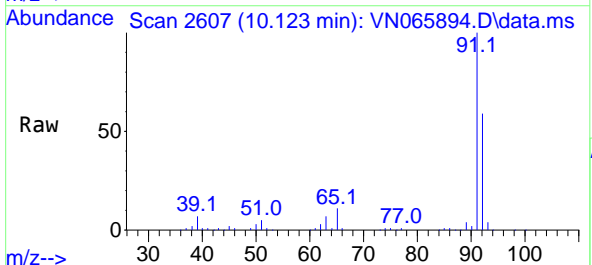


Tgt Ion: 43 Resp: 320825  
 Ion Ratio Lower Upper  
 43 100  
 58 44.1 32.5 48.7

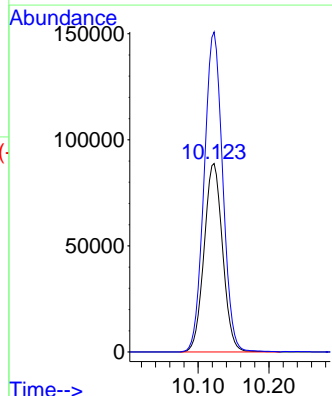
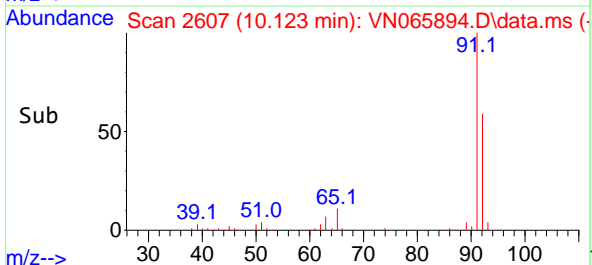
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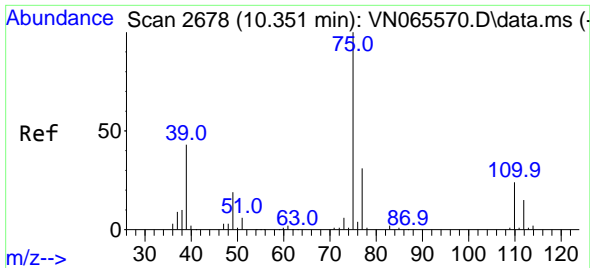


#52  
 Toluene  
 Concen: 55.96 ug/l  
 RT: 10.123 min Scan# 2607  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion: 92 Resp: 161166  
 Ion Ratio Lower Upper  
 92 100  
 91 170.4 140.7 211.1



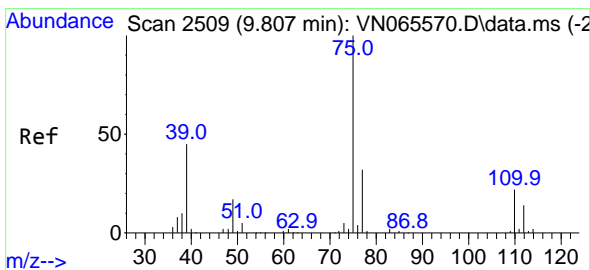
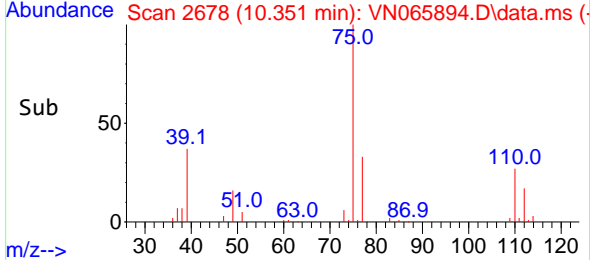
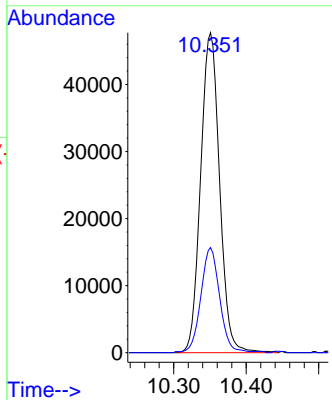
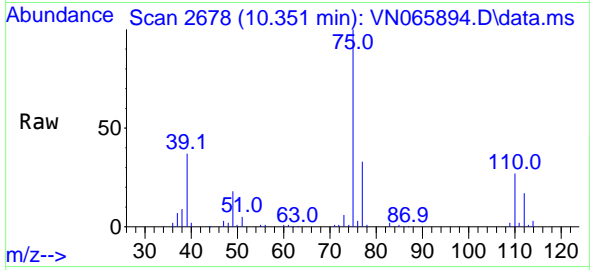


#53  
 t-1,3-Dichloropropene  
 Concen: 46.89 ug/l  
 RT: 10.351 min Scan# 2678  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Tgt Ion: 75 Resp: 86568  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 26.2 39.4

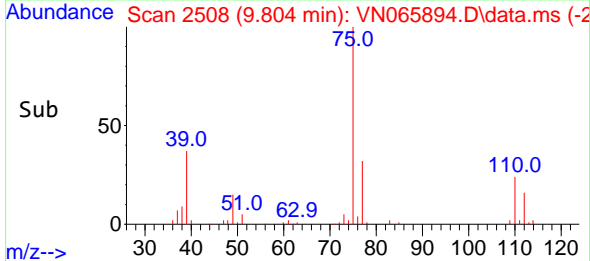
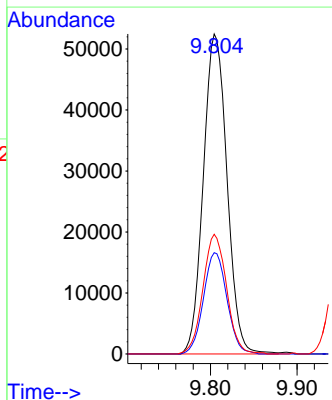
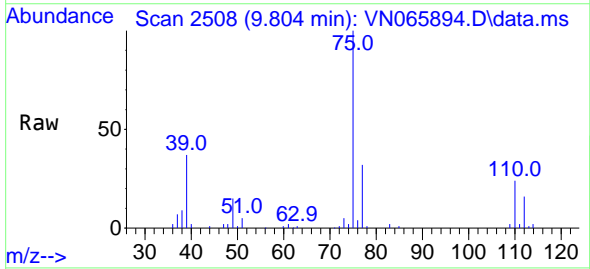
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

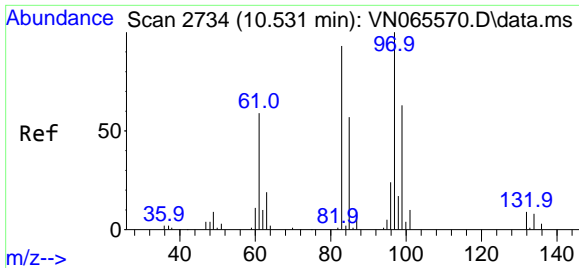
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#54  
 cis-1,3-Dichloropropene  
 Concen: 48.48 ug/l  
 RT: 9.804 min Scan# 2508  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

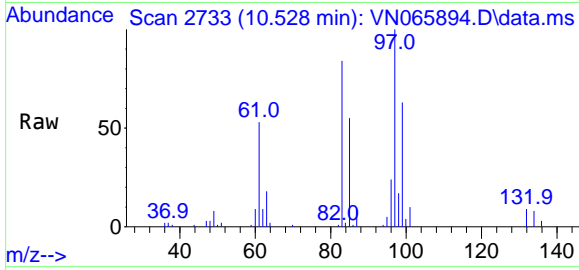
Tgt Ion: 75 Resp: 99695  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 24.9 37.3  
 39 37.4 36.2 54.4





#55  
 1,1,2-Trichloroethane  
 Concen: 55.56 ug/l  
 RT: 10.528 min Scan# 2733  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

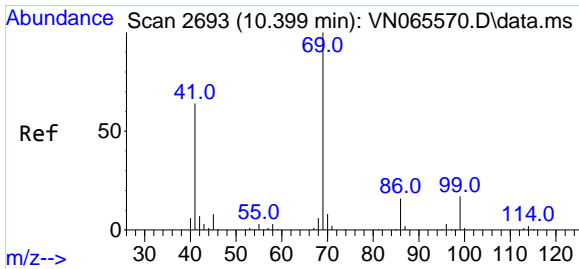
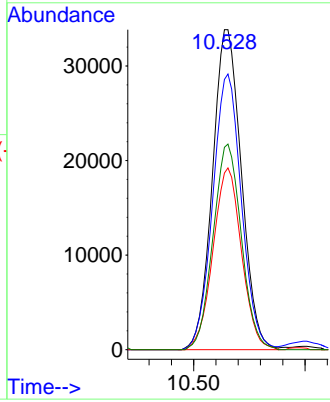
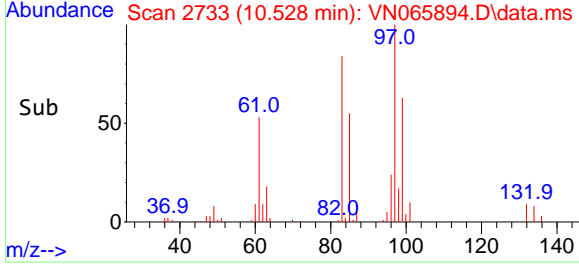
**Instrument :**  
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**ClientSampled :**  
 VSTDCCC050EC



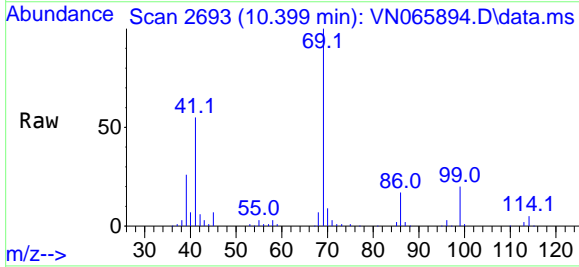
Tgt Ion: 97 Resp: 61037

Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.7	101.5
85	55.2	44.5	66.7
99	63.3	49.4	74.0

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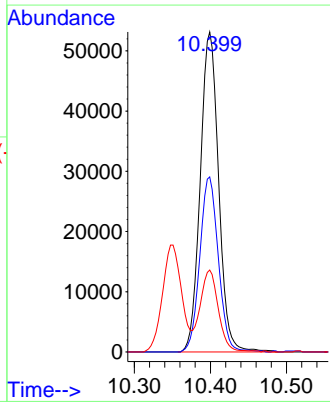
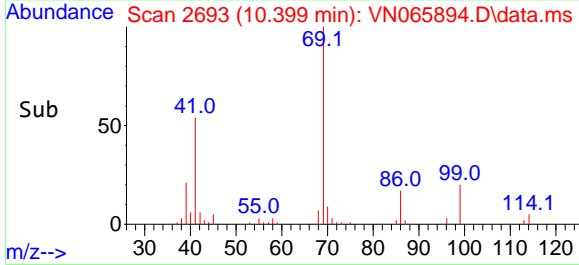


#56  
 Ethyl methacrylate  
 Concen: 49.04 ug/l  
 RT: 10.399 min Scan# 2693  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

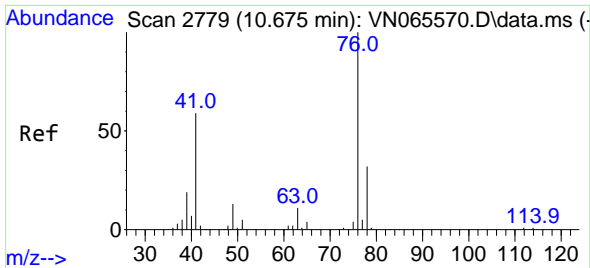


Tgt Ion: 69 Resp: 89086

Ion	Ratio	Lower	Upper
69	100		
41	55.4	49.6	74.4
39	24.5	28.0	42.0#

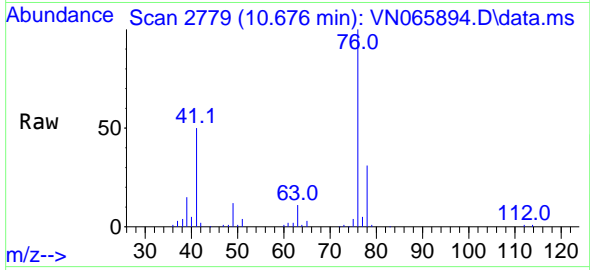






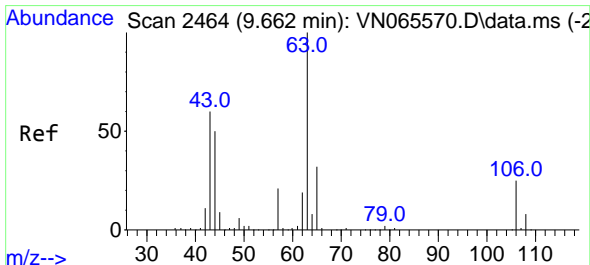
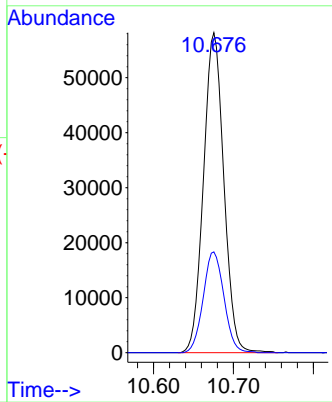
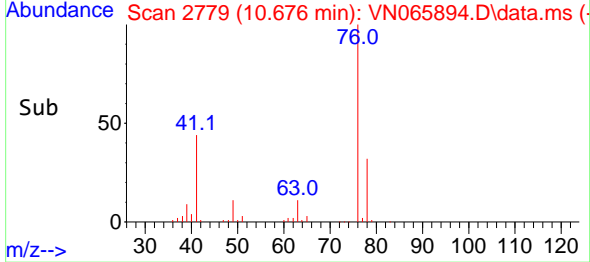
#57  
 1,3-Dichloropropane  
 Concen: 53.26 ug/l  
 RT: 10.676 min Scan# 2779  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

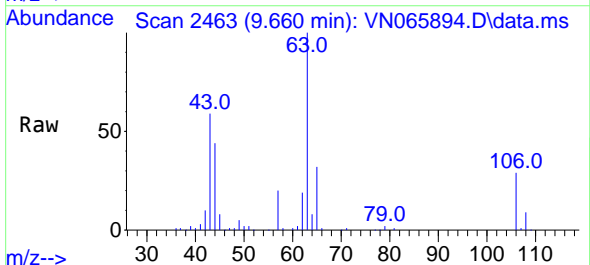


Tgt Ion: 76 Resp: 102982  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 25.7 38.5

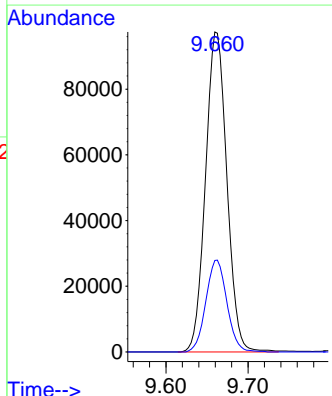
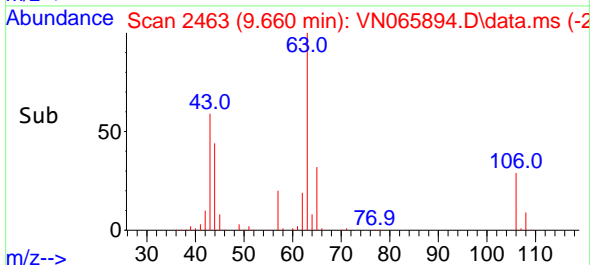
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**APPROVED**  
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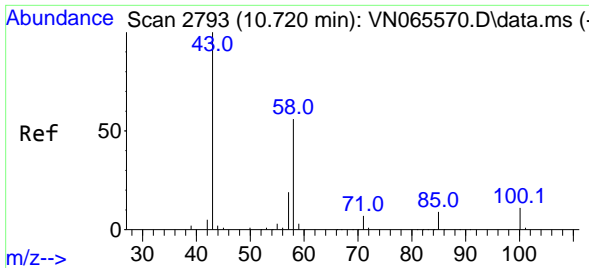


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 210.38 ug/l  
 RT: 9.660 min Scan# 2463  
 Delta R.T. -0.002 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



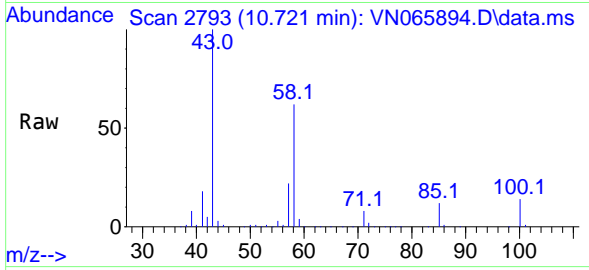
Tgt Ion: 63 Resp: 176505  
 Ion Ratio Lower Upper  
 63 100  
 106 28.3 22.6 33.8





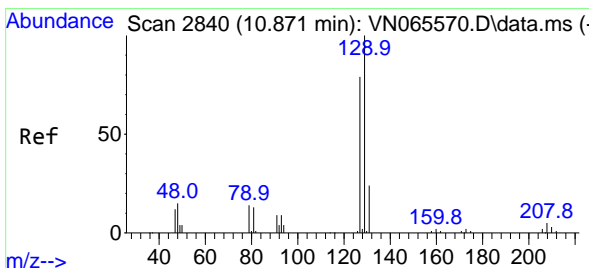
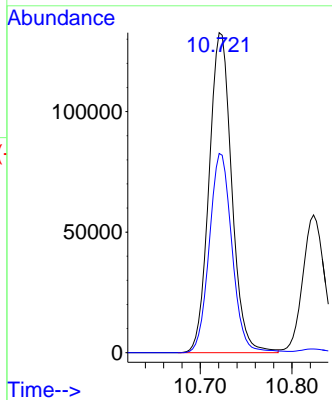
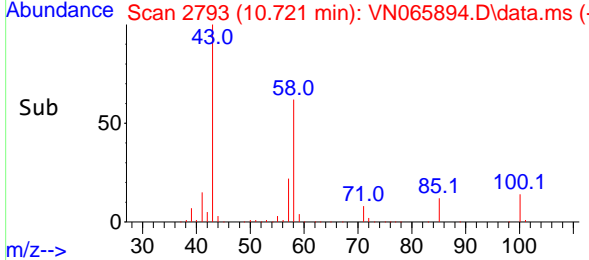
#59  
 2-Hexanone  
 Concen: 219.96 ug/l  
 RT: 10.721 min Scan# 2793  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

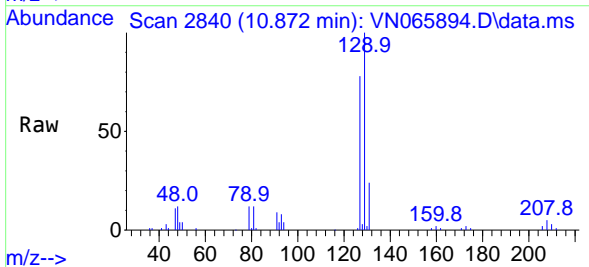


Tgt Ion: 43 Resp: 228015  
 Ion Ratio Lower Upper  
 43 100  
 58 62.4 28.1 84.3

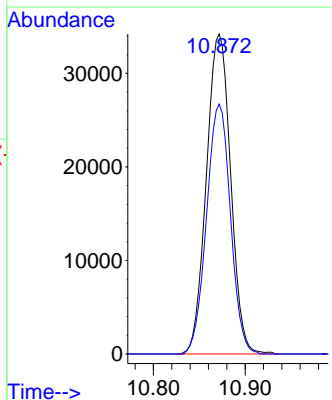
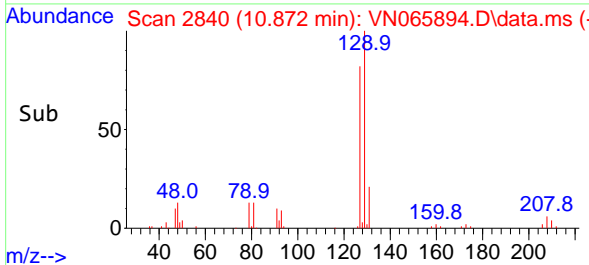
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**APPROVED**  
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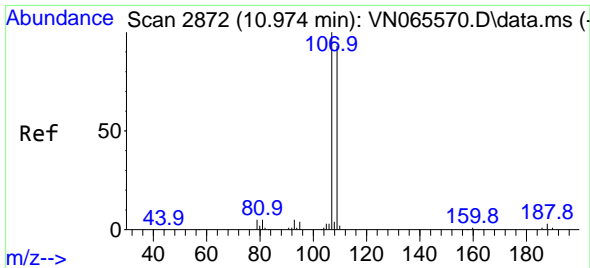


#60  
 Dibromochloromethane  
 Concen: 56.05 ug/l  
 RT: 10.872 min Scan# 2840  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



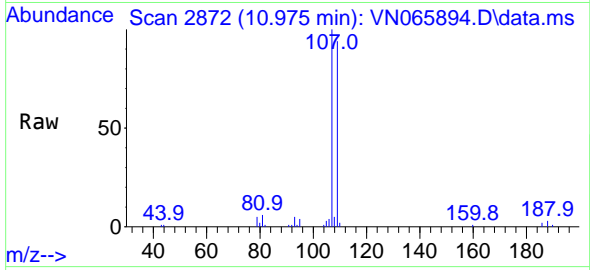
Tgt Ion: 129 Resp: 62924  
 Ion Ratio Lower Upper  
 129 100  
 127 77.1 38.5 115.5





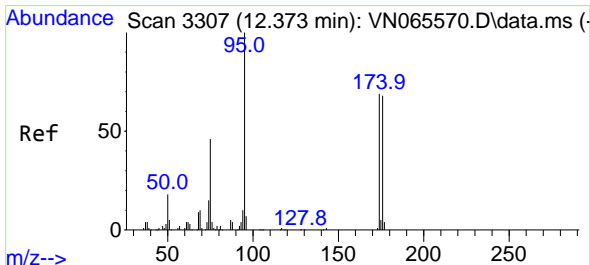
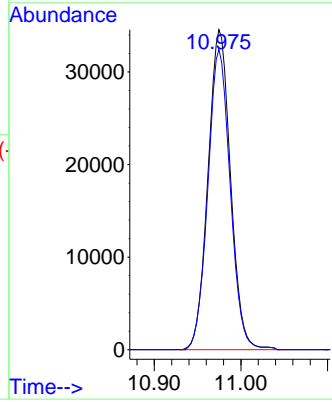
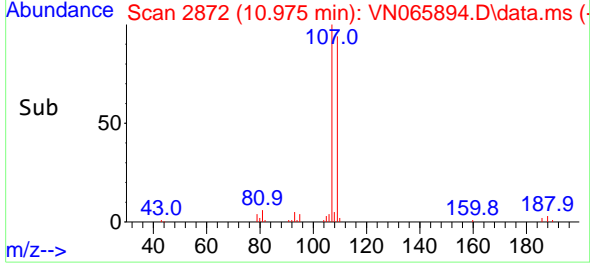
#61  
 1,2-Dibromoethane  
 Concen: 56.94 ug/l  
 RT: 10.975 min Scan# 2872  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

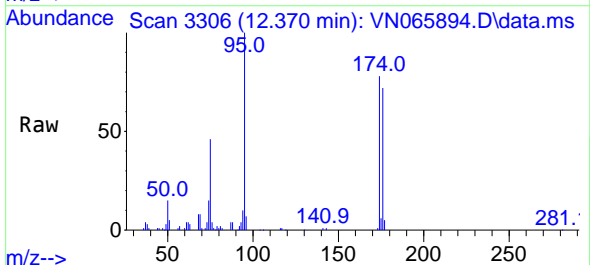


Tgt Ion:107 Resp: 62340  
 Ion Ratio Lower Upper  
 107 100  
 109 93.3 75.6 113.4

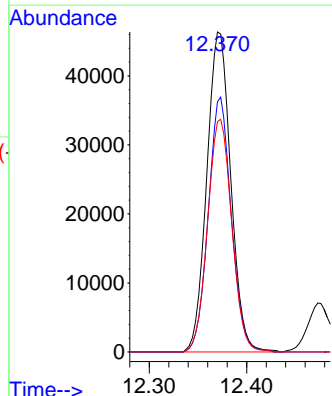
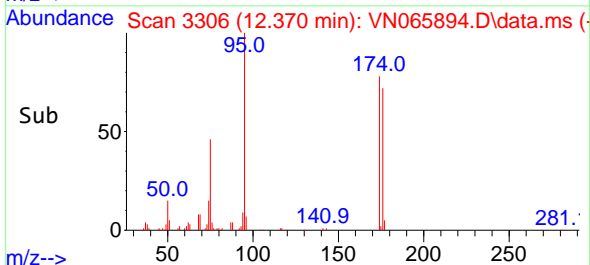
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**APPROVED**  
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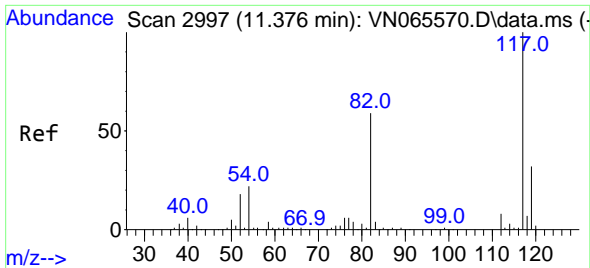


#62  
 4-Bromofluorobenzene  
 Concen: 59.71 ug/l  
 RT: 12.370 min Scan# 3306  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



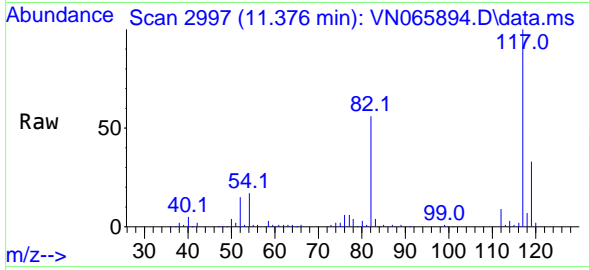
Tgt Ion: 95 Resp: 79241  
 Ion Ratio Lower Upper  
 95 100  
 174 76.6 0.0 169.0  
 176 73.2 0.0 162.4





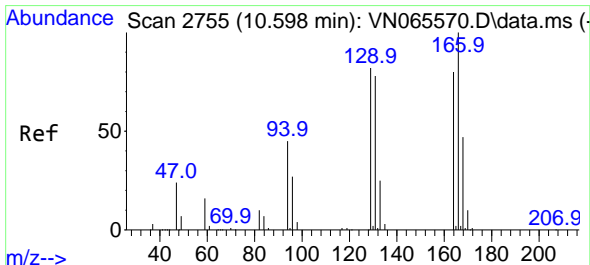
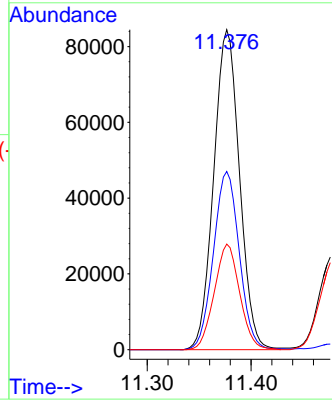
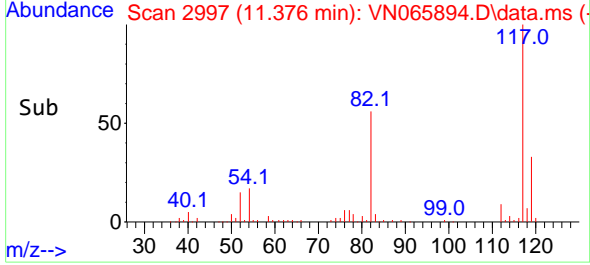
#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 11.376 min Scan# 2997  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC

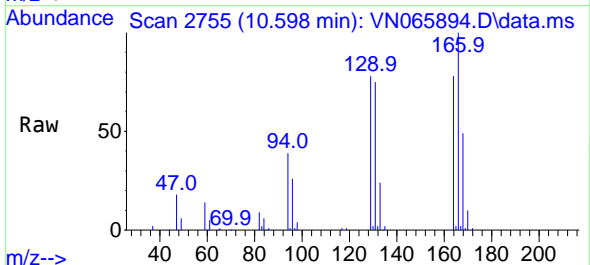


Tgt Ion:117 Resp: 145603  
 Ion Ratio Lower Upper  
 117 100  
 82 55.7 43.7 65.5  
 119 33.0 26.1 39.1

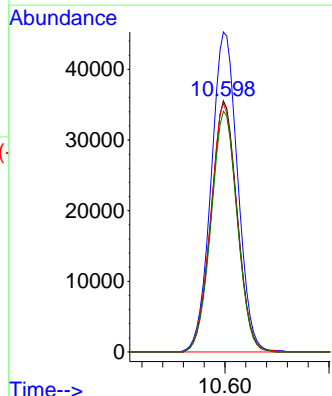
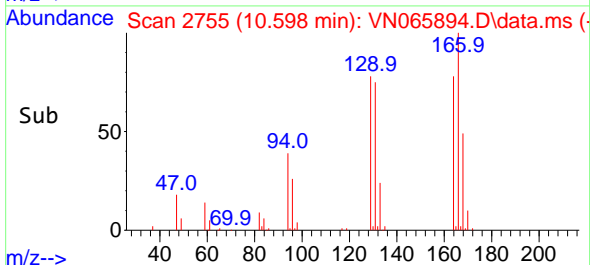
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 2/17/2021 10:36:17 AM

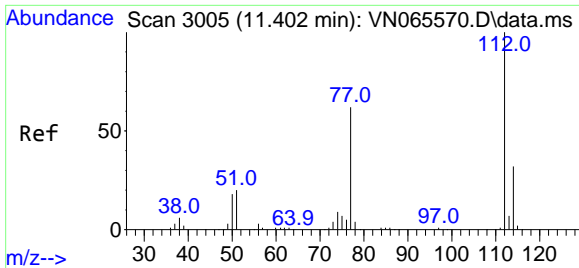


#64  
 Tetrachloroethene  
 Concen: 51.05 ug/l  
 RT: 10.598 min Scan# 2755  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



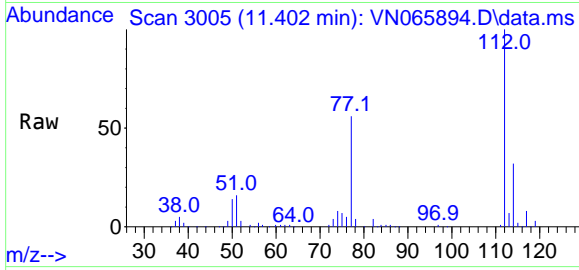
Tgt Ion:164 Resp: 62294  
 Ion Ratio Lower Upper  
 164 100  
 166 127.5 102.6 154.0  
 129 99.1 76.2 114.4  
 131 95.9 73.4 110.2





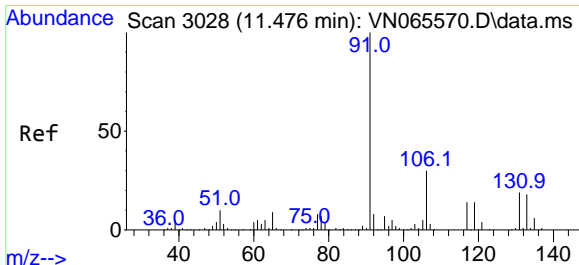
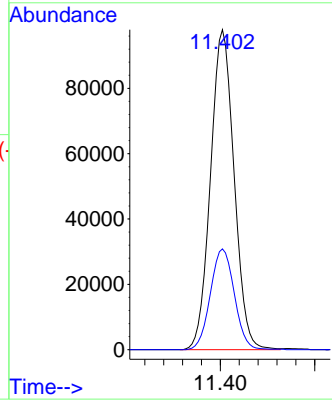
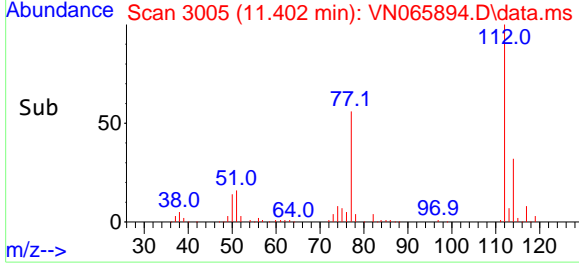
#65  
 Chlorobenzene  
 Concen: 55.64 ug/l  
 RT: 11.402 min Scan# 3005  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

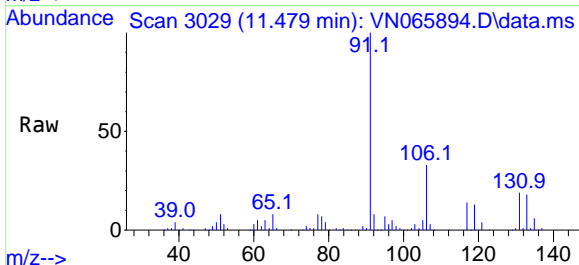


Tgt Ion:112 Resp: 169501  
 Ion Ratio Lower Upper  
 112 100  
 114 31.5 26.1 39.1

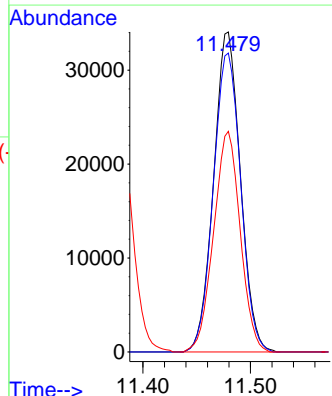
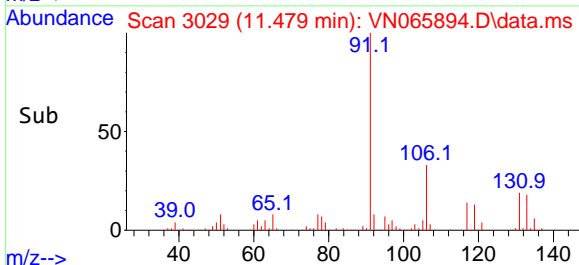
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**APPROVED**  
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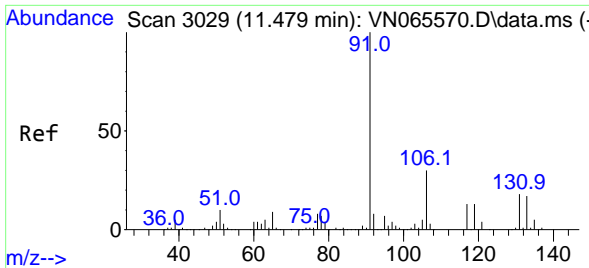


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 54.74 ug/l  
 RT: 11.479 min Scan# 3029  
 Delta R.T. 0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



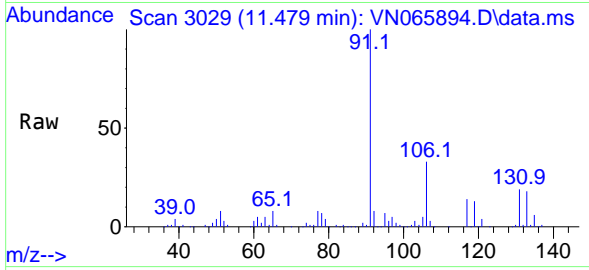
Tgt Ion:131 Resp: 58943  
 Ion Ratio Lower Upper  
 131 100  
 133 95.5 48.0 144.0  
 119 68.5 34.1 102.2





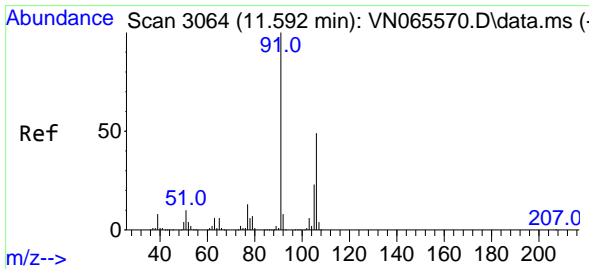
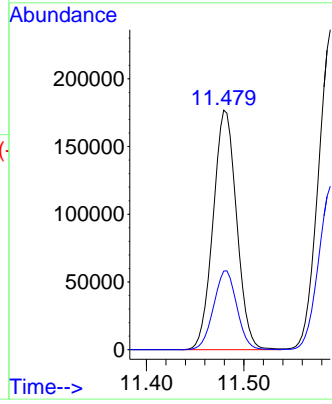
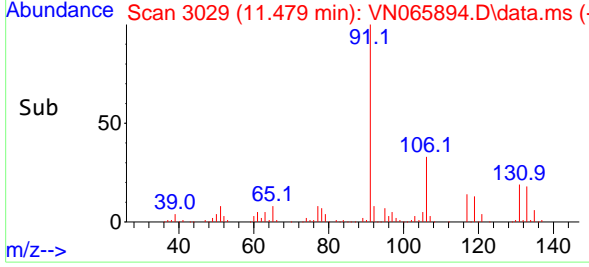
#67  
 Ethyl Benzene  
 Concen: 51.80 ug/l  
 RT: 11.479 min Scan# 3029  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC

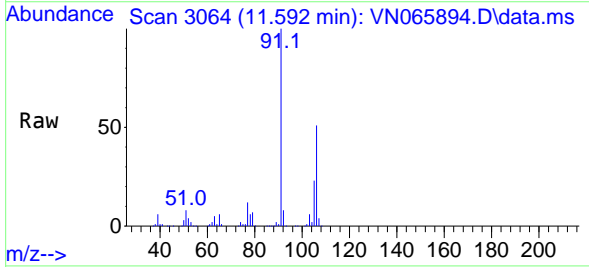


Tgt Ion: 91 Resp: 296384  
 Ion Ratio Lower Upper  
 91 100  
 106 32.8 25.5 38.3

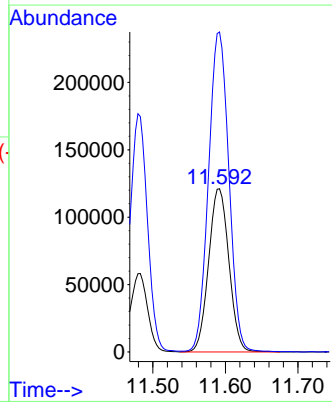
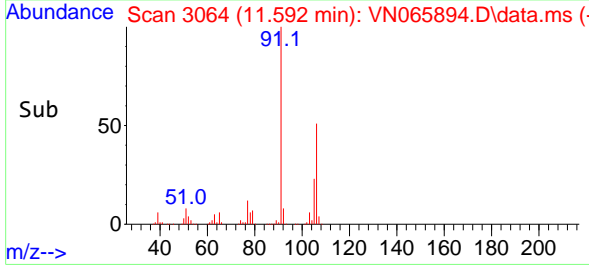
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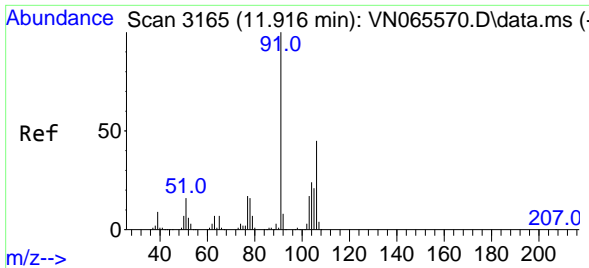


#68  
 m/p-Xylenes  
 Concen: 113.68 ug/l  
 RT: 11.592 min Scan# 3064  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



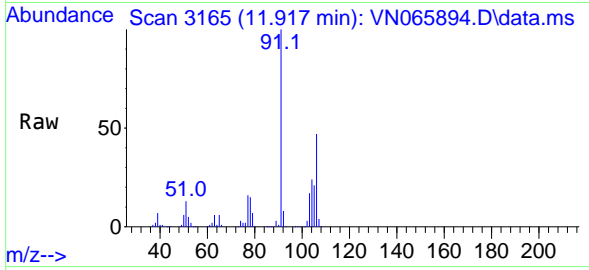
Tgt Ion: 106 Resp: 235496  
 Ion Ratio Lower Upper  
 106 100  
 91 196.3 161.4 242.0





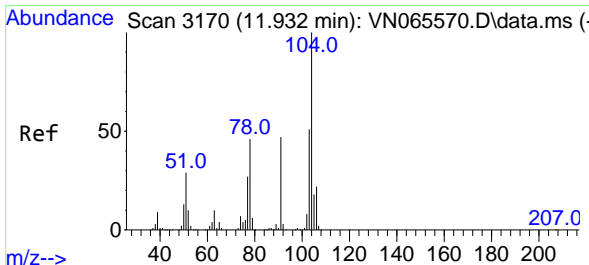
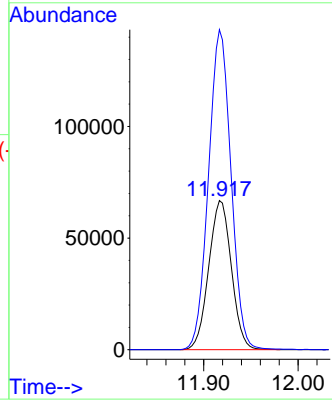
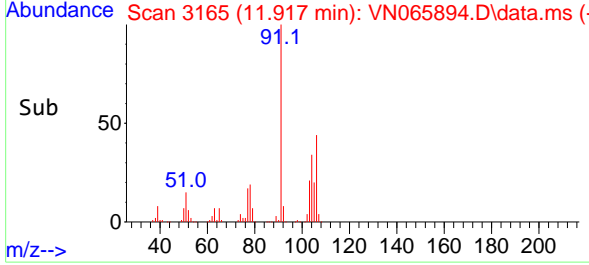
#69  
 o-Xylene  
 Concen: 55.40 ug/l  
 RT: 11.917 min Scan# 3165  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

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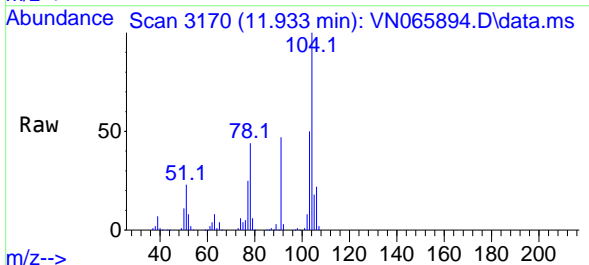


Tgt Ion:106 Resp: 111200  
 Ion Ratio Lower Upper  
 106 100  
 91 213.2 106.8 320.4

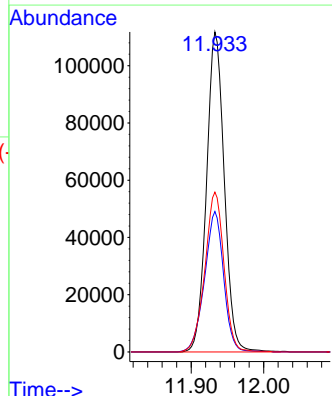
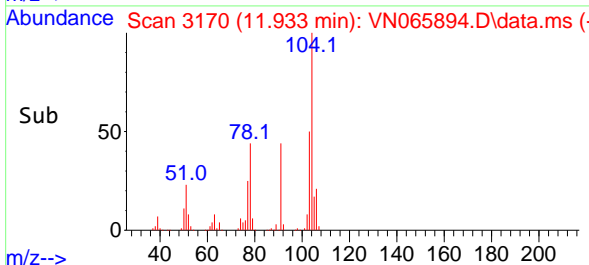
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**APPROVED**  
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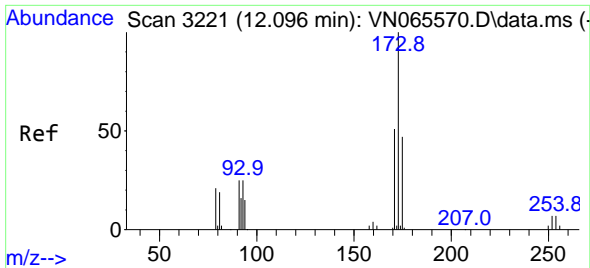


#70  
 Styrene  
 Concen: 57.53 ug/l  
 RT: 11.933 min Scan# 3170  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



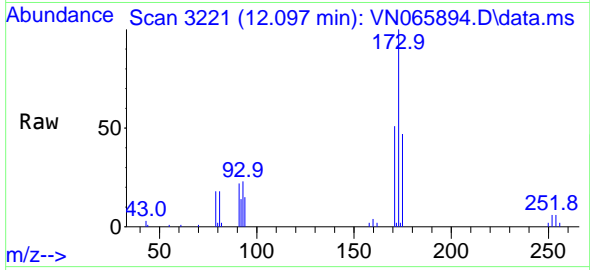
Tgt Ion:104 Resp: 190091  
 Ion Ratio Lower Upper  
 104 100  
 78 47.3 39.0 58.4  
 103 53.9 44.5 66.7





#71  
 Bromoform  
 Concen: 53.29 ug/l  
 RT: 12.097 min Scan# 3221  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

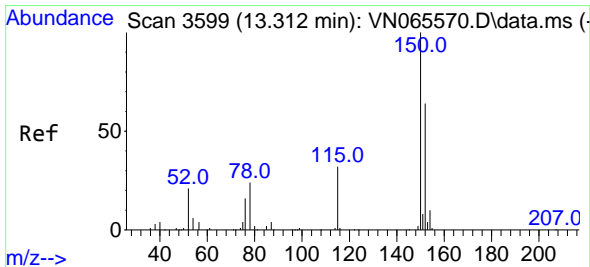
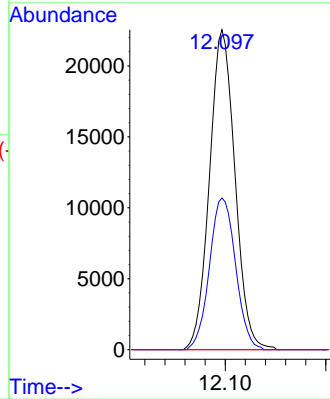
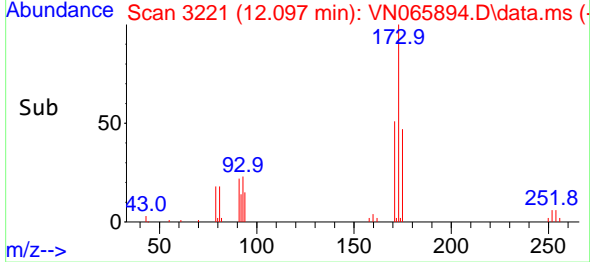
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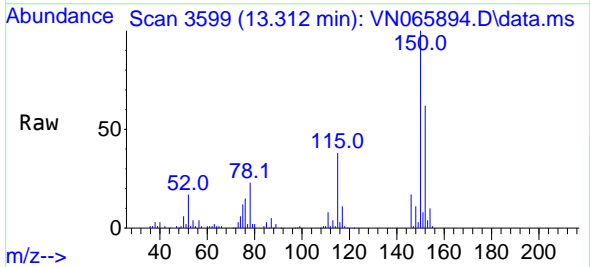
Tgt Ion:173 Resp: 39665  
 Ion Ratio Lower Upper  
 173 100  
 175 48.6 23.8 71.2  
 254 0.0 0.0 0.0

Manual Integrations  
 APPROVED

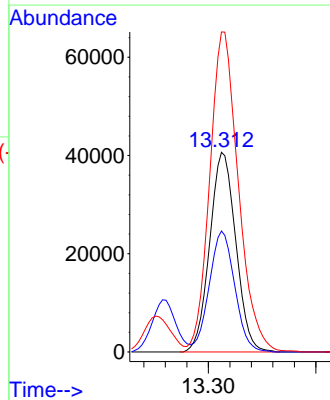
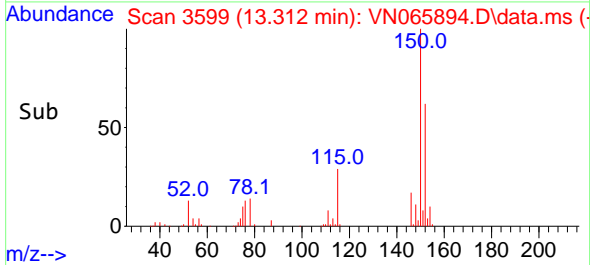
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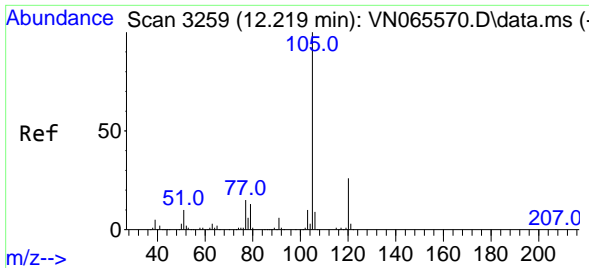
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.312 min Scan# 3599  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion:152 Resp: 68538  
 Ion Ratio Lower Upper  
 152 100  
 115 59.1 28.5 85.6  
 150 175.7 0.0 347.6

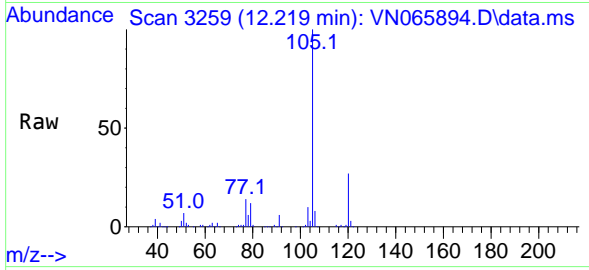






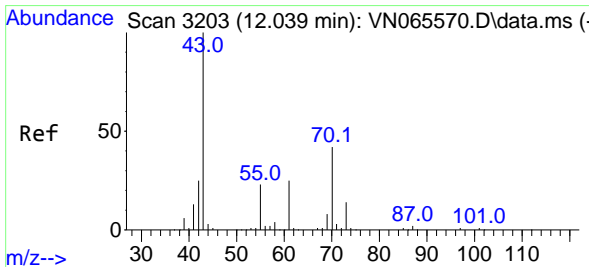
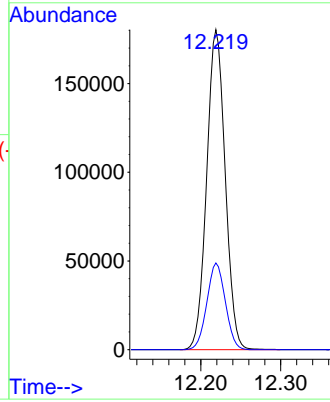
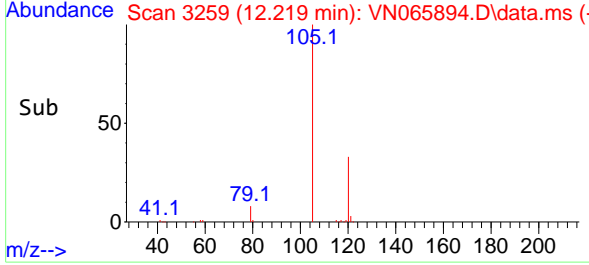
#73  
 Isopropylbenzene  
 Concen: 48.40 ug/l  
 RT: 12.219 min Scan# 3259  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument :  
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 ClientSampled :  
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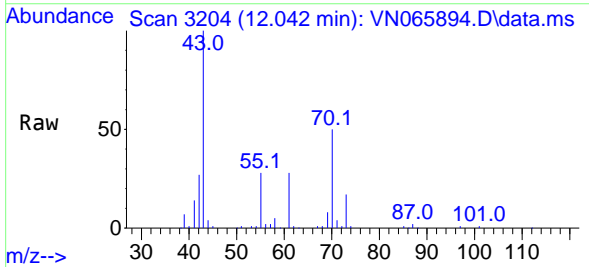


Tgt Ion:105 Resp: 290452  
 Ion Ratio Lower Upper  
 105 100  
 120 27.0 13.3 39.9

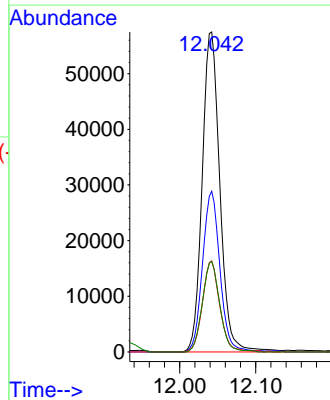
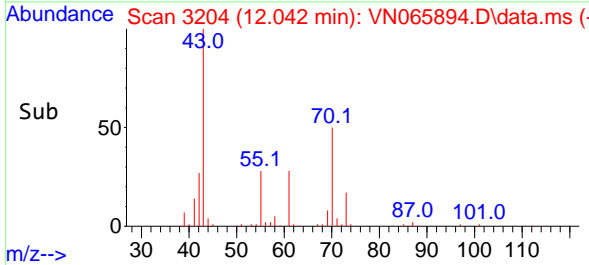
Manual Integrations  
**APPROVED**  
 MMDadoda  
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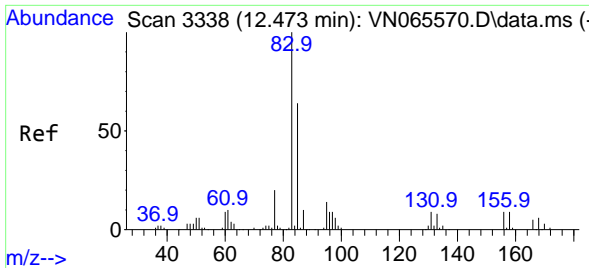


#74  
 N-ethyl acetate  
 Concen: 36.58 ug/l  
 RT: 12.042 min Scan# 3204  
 Delta R.T. 0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



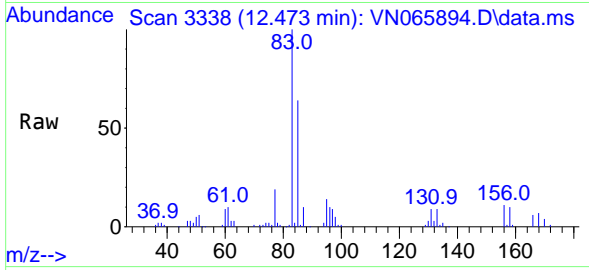
Tgt Ion: 43 Resp: 92853  
 Ion Ratio Lower Upper  
 43 100  
 70 49.5 34.4 51.6  
 55 27.7 20.7 31.1  
 61 27.8 19.1 28.7





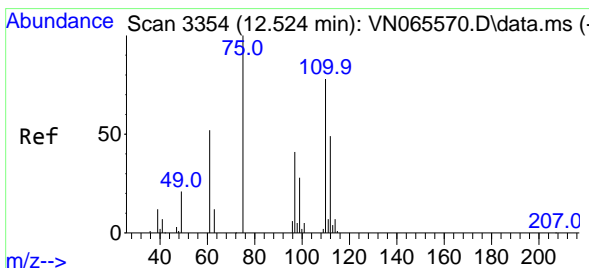
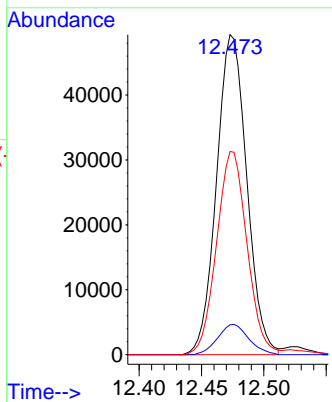
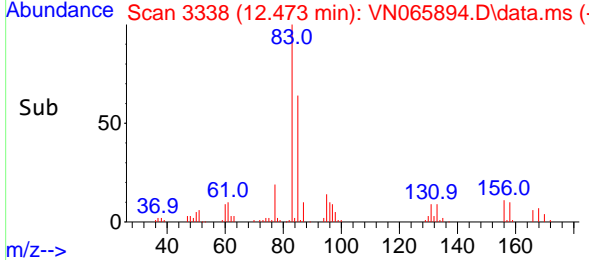
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 46.98 ug/l  
 RT: 12.473 min Scan# 3338  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC

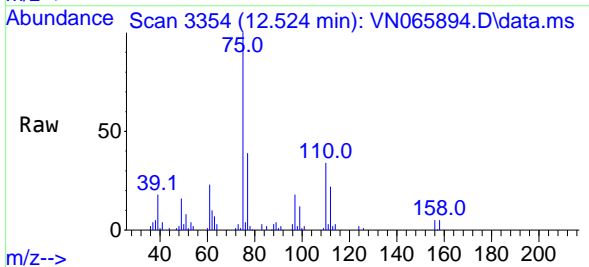


Tgt Ion: 83 Resp: 83265  
 Ion Ratio Lower Upper  
 83 100  
 131 9.7 5.3 15.8  
 85 63.9 32.0 96.0

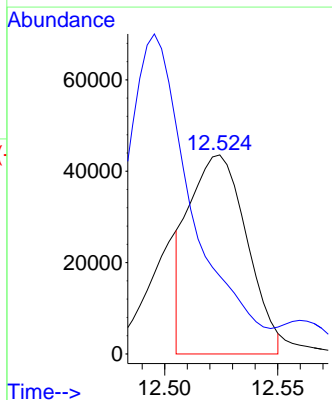
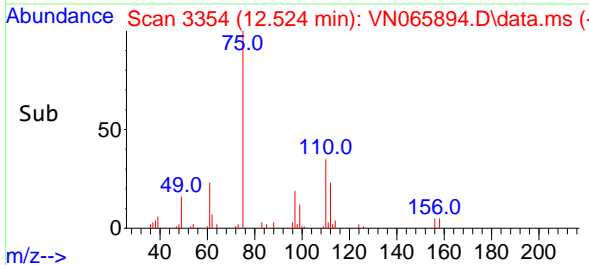
Manual Integrations  
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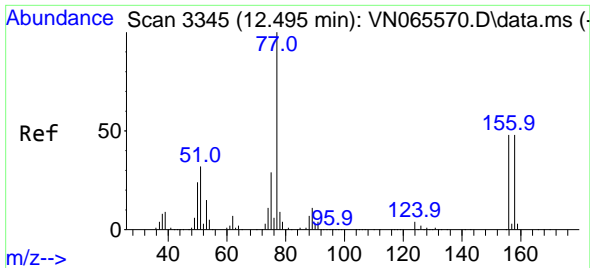


#76  
 1,2,3-Trichloropropane  
 Concen: 43.00 ug/l m  
 RT: 12.524 min Scan# 3354  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



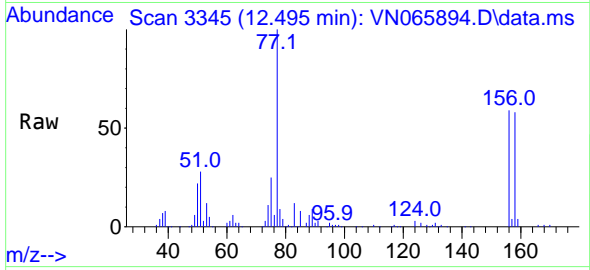
Tgt Ion: 75 Resp: 77060  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77  
 Bromobenzene  
 Concen: 54.80 ug/l  
 RT: 12.495 min Scan# 3345  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

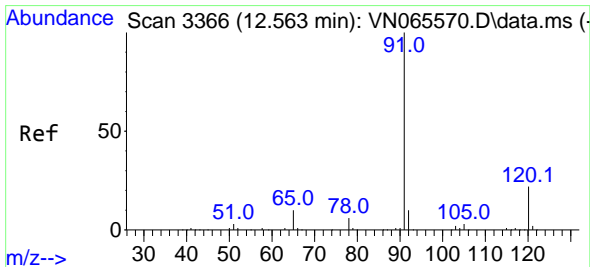
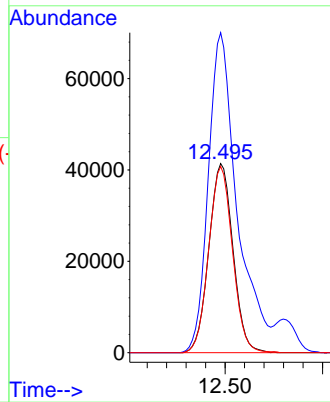
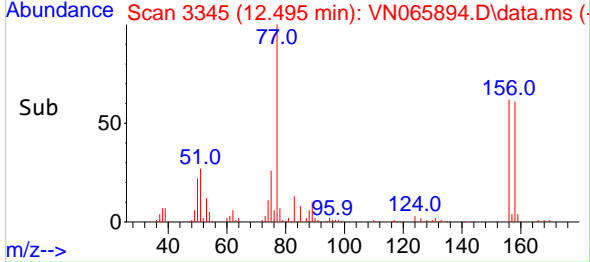
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC



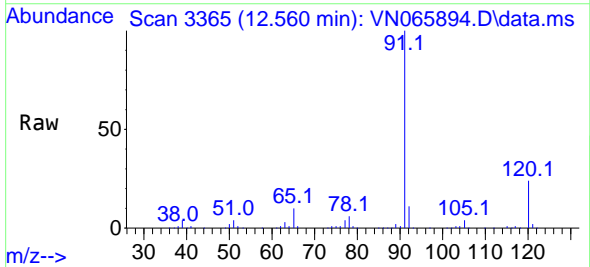
Tgt Ion:156 Resp: 71207  
 Ion Ratio Lower Upper  
 156 100  
 77 201.8 96.3 288.8  
 158 97.4 49.0 147.0

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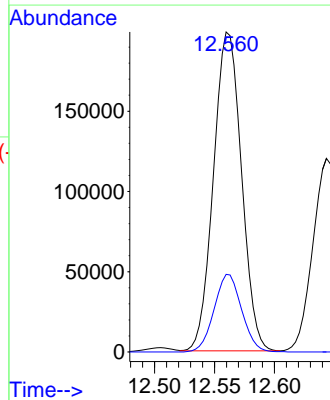
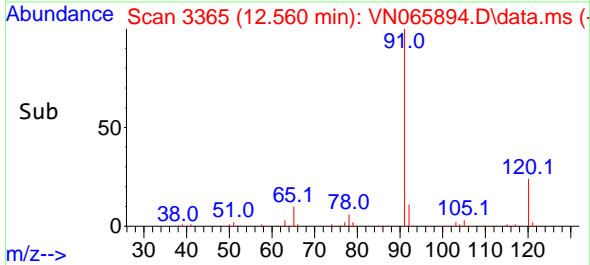
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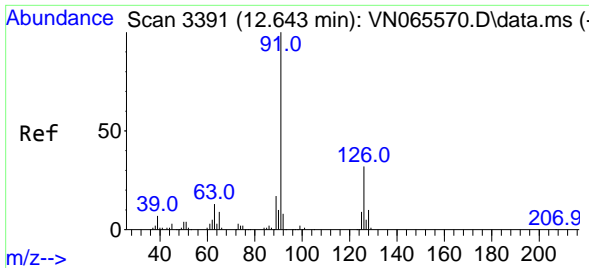


#78  
 n-propylbenzene  
 Concen: 45.54 ug/l  
 RT: 12.560 min Scan# 3365  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



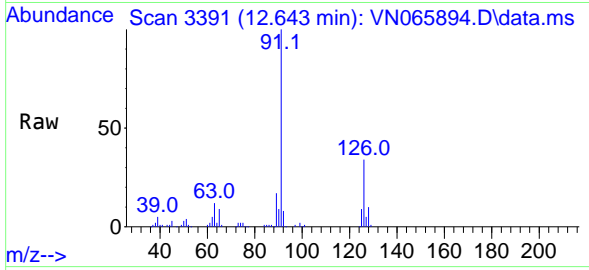
Tgt Ion: 91 Resp: 322057  
 Ion Ratio Lower Upper  
 91 100  
 120 23.9 11.8 35.3





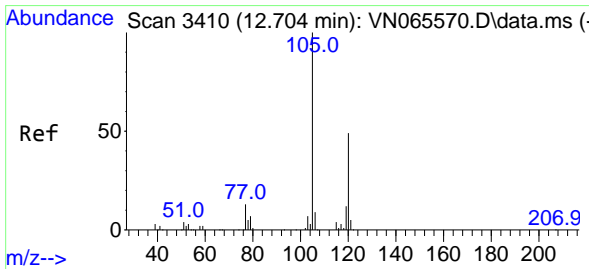
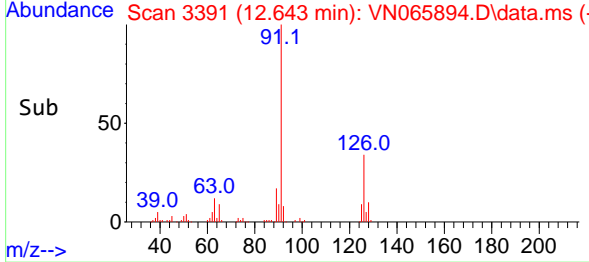
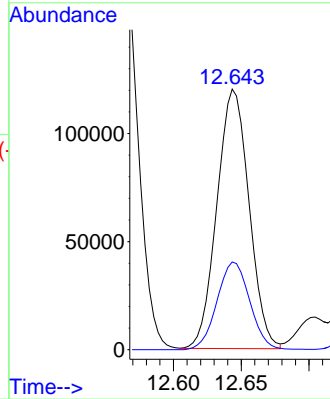
#79  
 2-Chlorotoluene  
 Concen: 47.14 ug/l  
 RT: 12.643 min Scan# 3391  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

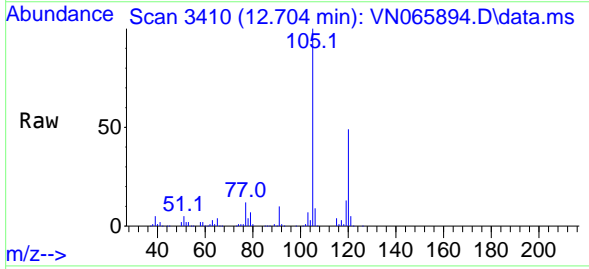


Tgt Ion: 91 Resp: 198014  
 Ion Ratio Lower Upper  
 91 100  
 126 34.4 17.4 52.3

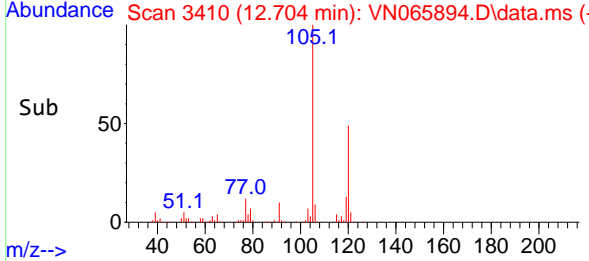
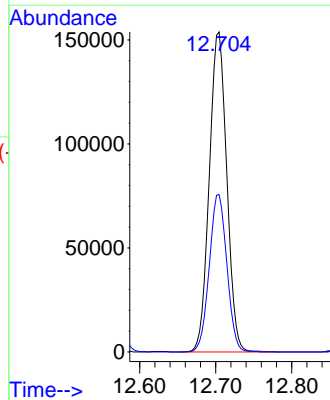
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**APPROVED**  
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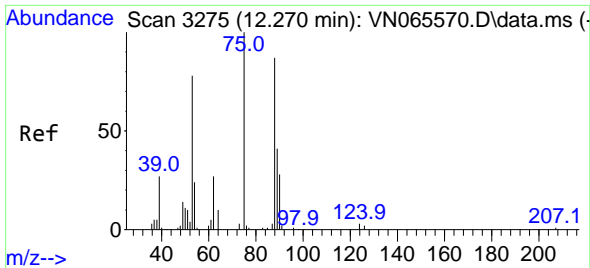


#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.10 ug/l  
 RT: 12.704 min Scan# 3410  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



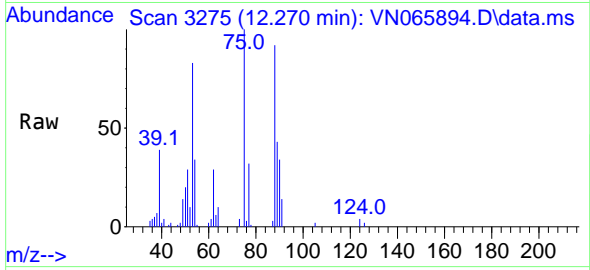
Tgt Ion: 105 Resp: 245771  
 Ion Ratio Lower Upper  
 105 100  
 120 49.5 24.3 72.8





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 36.23 ug/l  
 RT: 12.270 min Scan# 3275  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

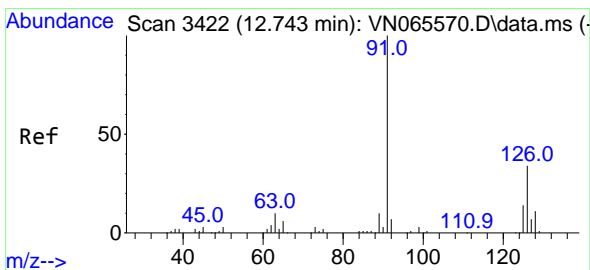
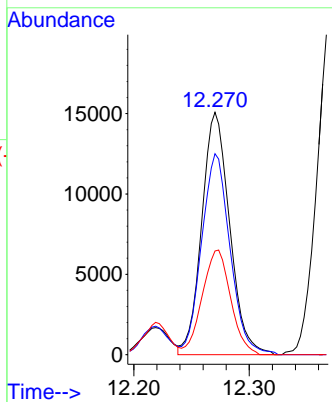
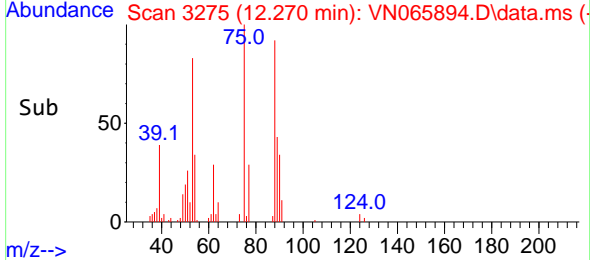
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC



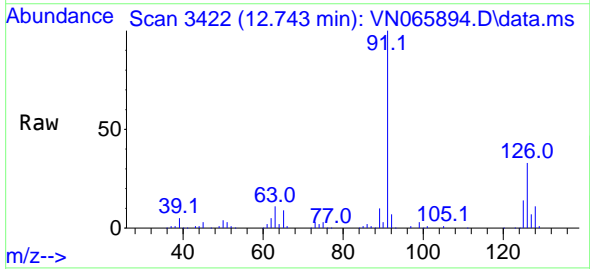
Tgt Ion: 75 Resp: 25348

Ion	Ratio	Lower	Upper
75	100		
53	84.7	74.6	111.8
89	43.9	35.8	53.8

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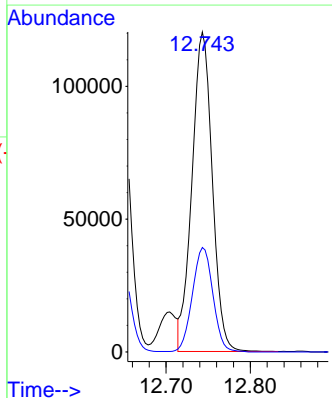
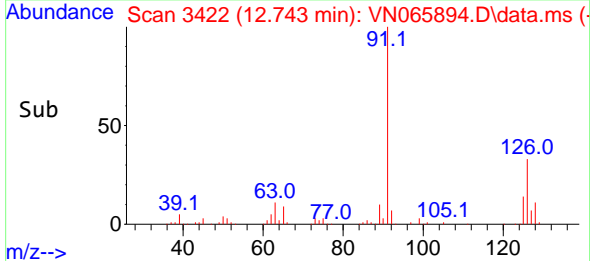


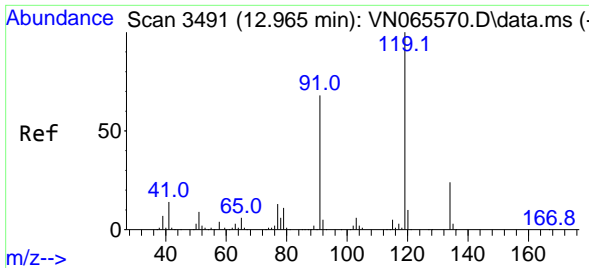
#82  
 4-Chlorotoluene  
 Concen: 46.88 ug/l  
 RT: 12.743 min Scan# 3422  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion: 91 Resp: 201033

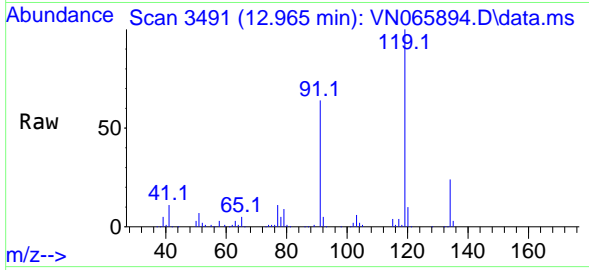
Ion	Ratio	Lower	Upper
91	100		
126	33.2	17.2	51.6





#83  
 tert-Butylbenzene  
 Concen: 48.02 ug/l  
 RT: 12.965 min Scan# 3491  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

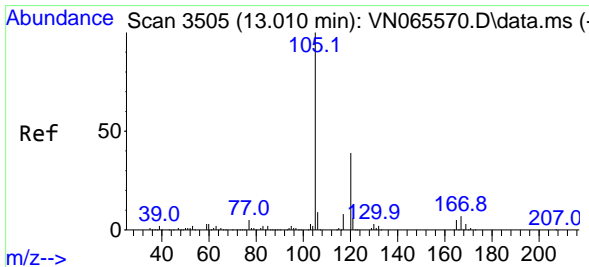
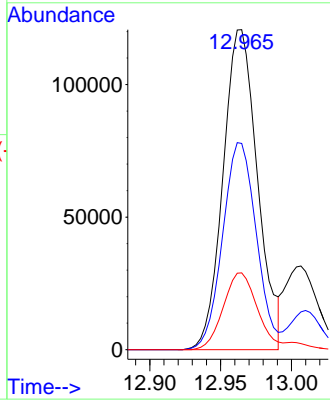
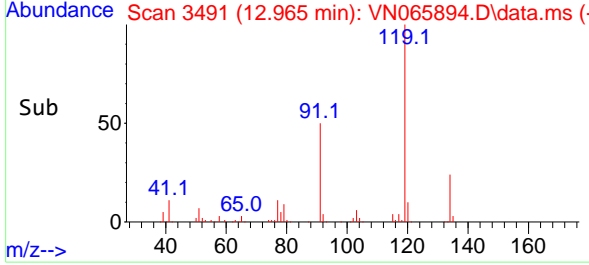
Instrument : MSVOA\_N  
 ClientSampled : VSTDCCC050EC



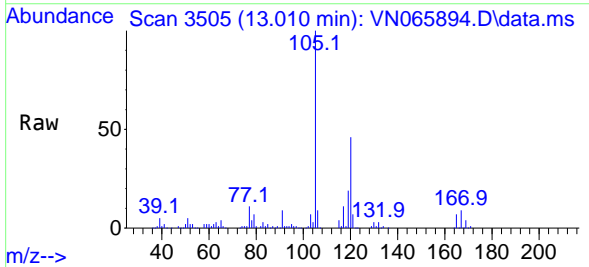
Tgt Ion:119 Resp: 204594

Ion	Ratio	Lower	Upper
119	100		
91	63.3	33.0	98.9
134	24.0	12.7	38.1

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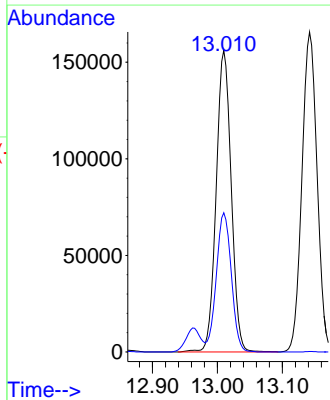
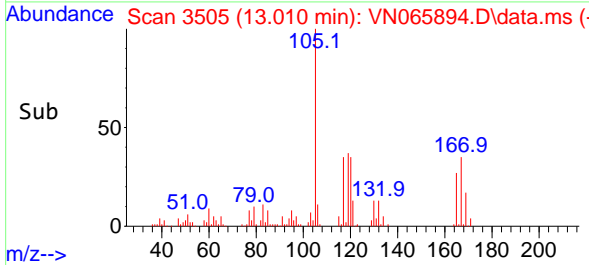


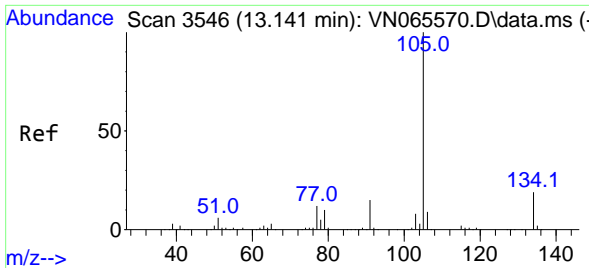
#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.03 ug/l  
 RT: 13.010 min Scan# 3505  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion:105 Resp: 249884

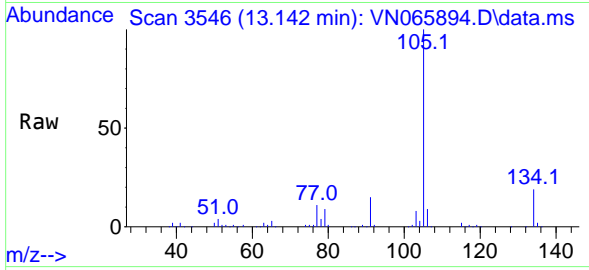
Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.4	67.0





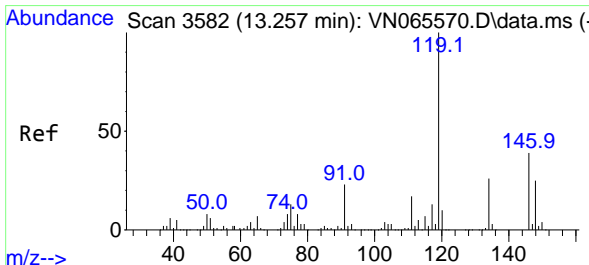
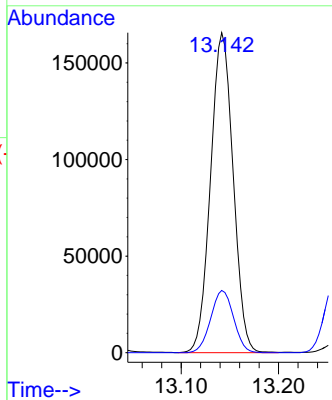
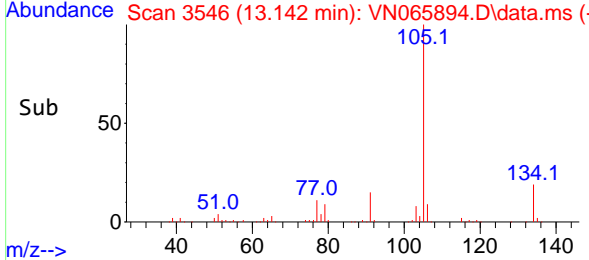
#85  
 sec-Butylbenzene  
 Concen: 46.36 ug/l  
 RT: 13.142 min Scan# 3546  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC

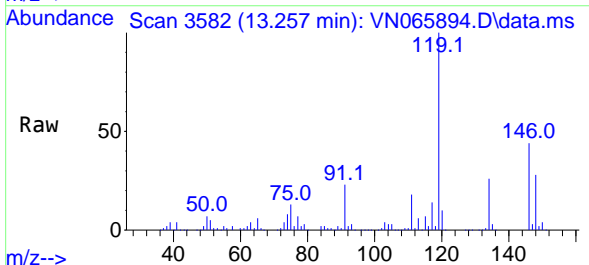


Tgt Ion:105 Resp: 266638  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 10.0 30.0

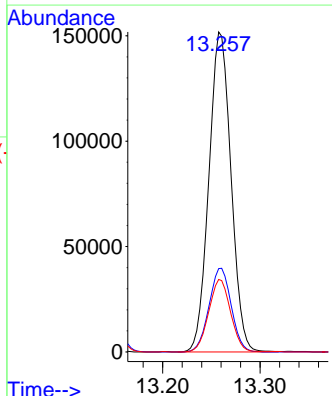
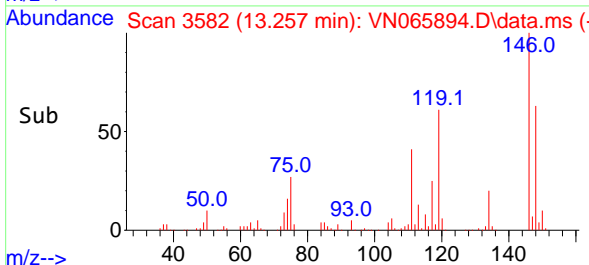
Manual Integrations  
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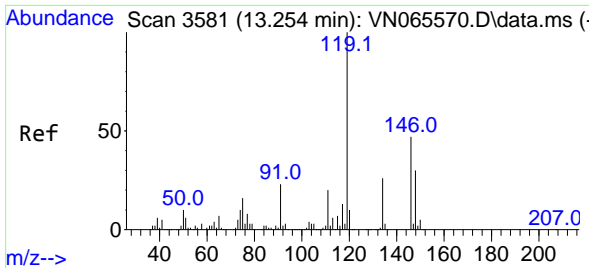


#86  
 p-Isopropyltoluene  
 Concen: 47.15 ug/l  
 RT: 13.257 min Scan# 3582  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



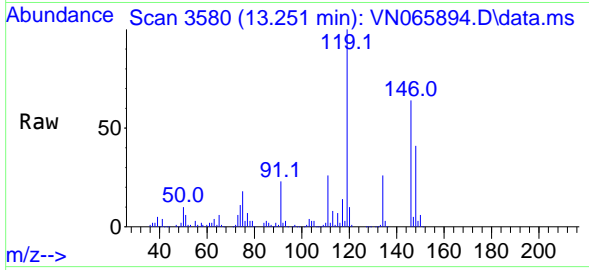
Tgt Ion:119 Resp: 239452  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.3 39.8  
 91 22.4 11.8 35.3





#87  
 1,3-Dichlorobenzene  
 Concen: 53.31 ug/l  
 RT: 13.251 min Scan# 3580  
 Delta R.T. -0.003 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

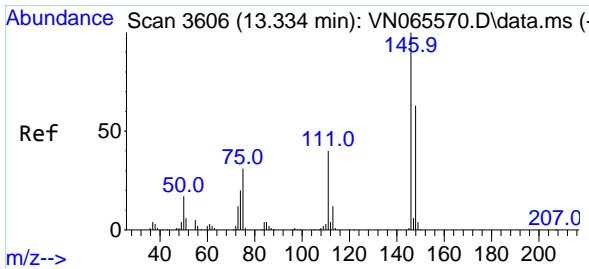
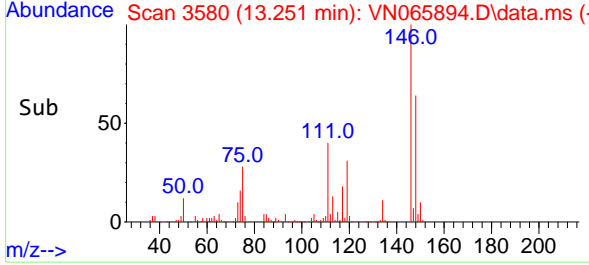
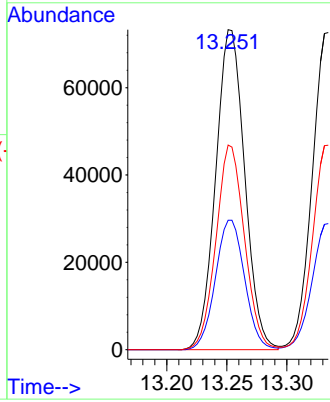
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC



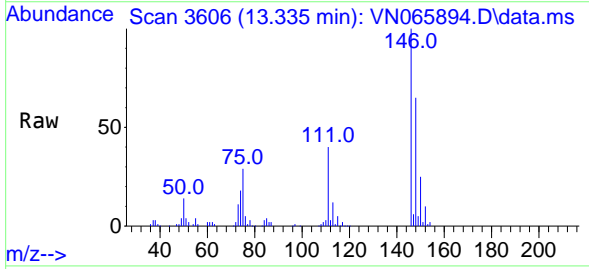
Tgt Ion:146 Resp: 123484

Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.5	58.5
148	62.9	32.3	96.9

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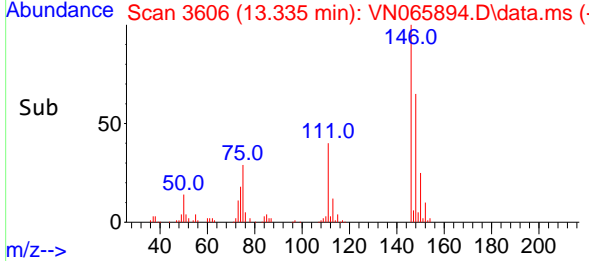
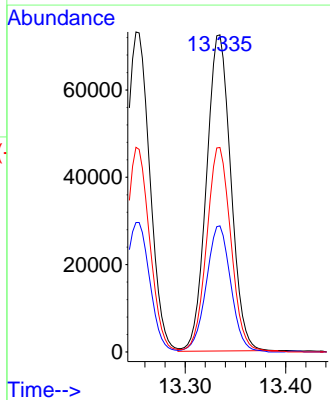


#88  
 1,4-Dichlorobenzene  
 Concen: 51.88 ug/l  
 RT: 13.335 min Scan# 3606  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

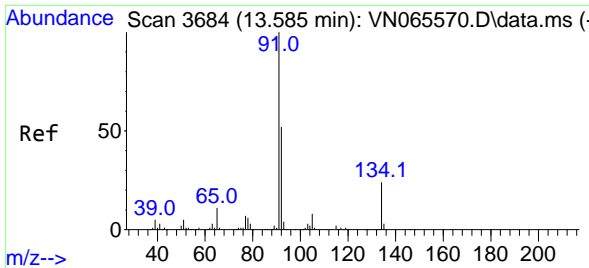


Tgt Ion:146 Resp: 121953

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.0	57.0
148	64.7	31.8	95.3

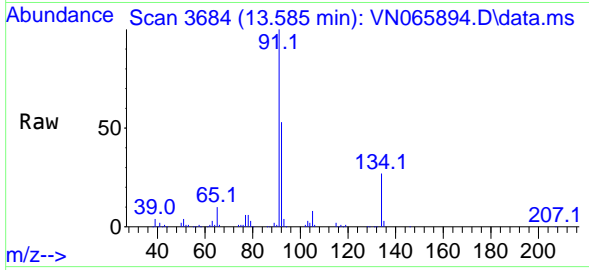






#89  
 n-Butylbenzene  
 Concen: 42.50 ug/l  
 RT: 13.585 min Scan# 3684  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

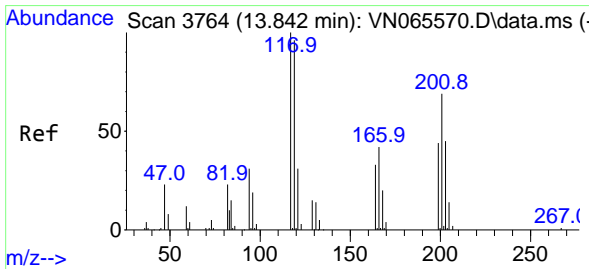
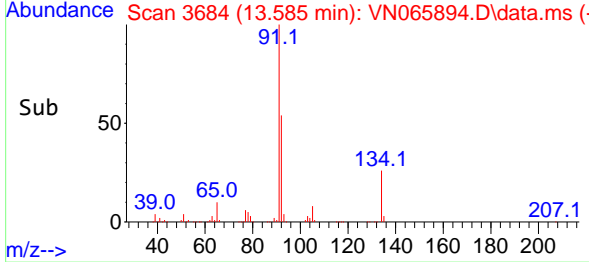
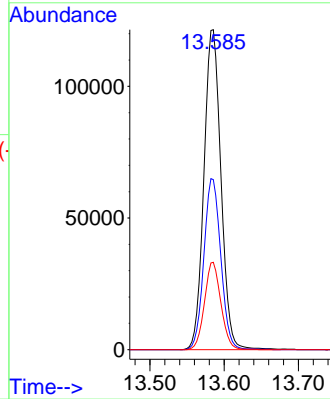
Instrument : MSVOA\_N  
 ClientSampled : VSTDCCC050EC



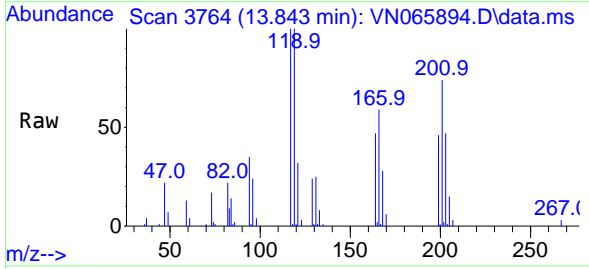
Tgt Ion: 91 Resp: 193896

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.1	78.3
134	26.3	13.0	38.9

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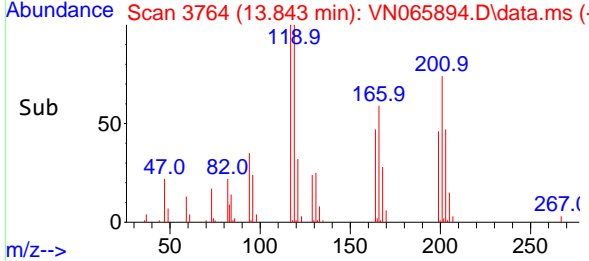
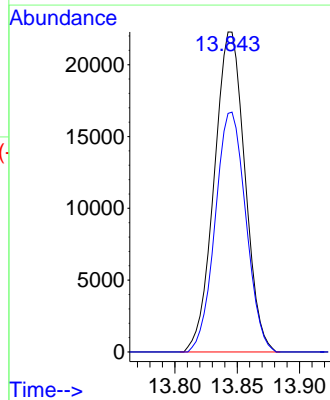


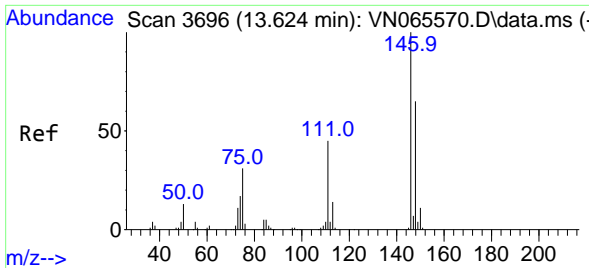
#90  
 Hexachloroethane  
 Concen: 43.00 ug/l  
 RT: 13.843 min Scan# 3764  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion: 117 Resp: 38212

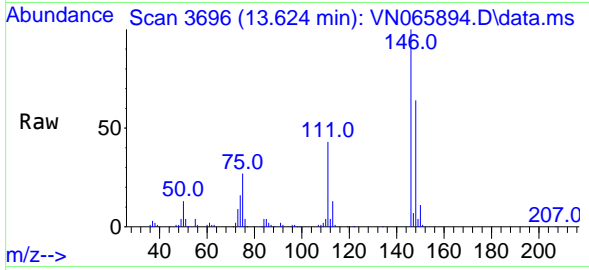
Ion	Ratio	Lower	Upper
117	100		
201	74.8	37.8	113.3





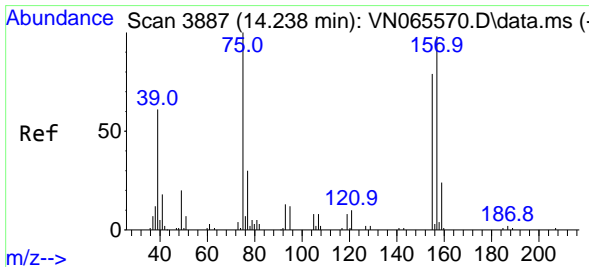
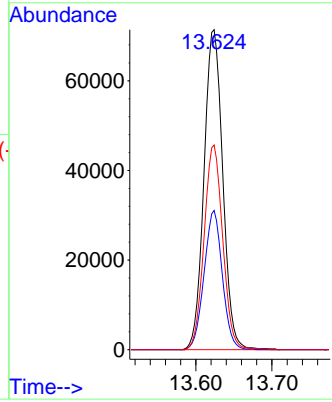
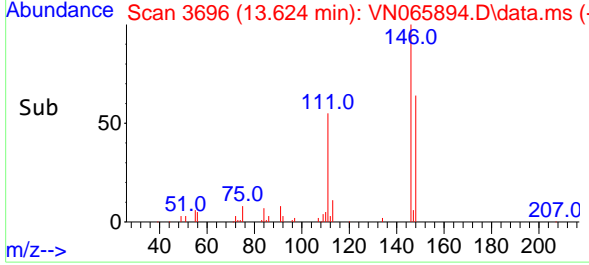
#91  
 1,2-Dichlorobenzene  
 Concen: 53.33 ug/l  
 RT: 13.624 min Scan# 3696  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050EC

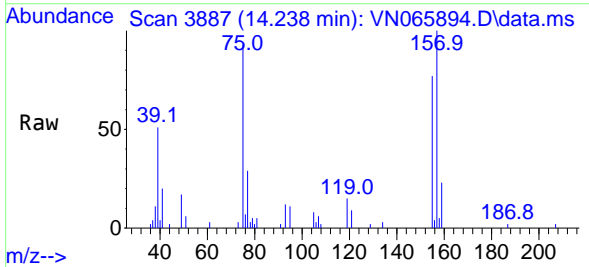


Tgt Ion:146 Resp: 122539  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 20.1 60.3  
 148 63.5 32.0 96.0

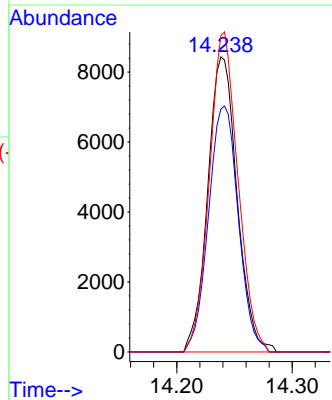
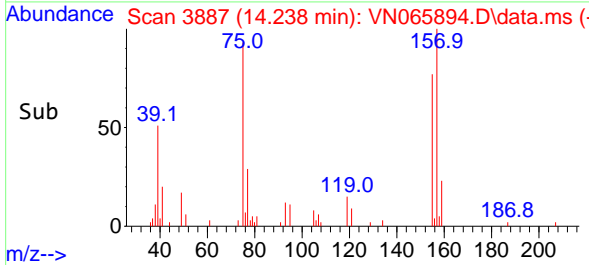
Manual Integrations  
**APPROVED**  
 MMDadoda  
 2/17/2021 10:36:17 AM

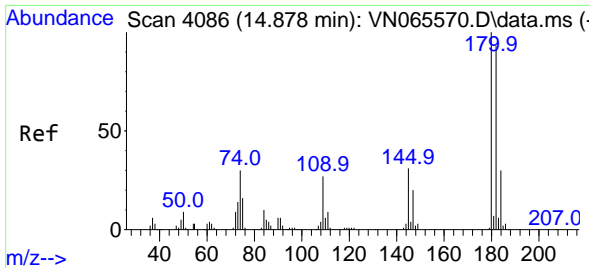


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 42.47 ug/l  
 RT: 14.238 min Scan# 3887  
 Delta R.T. 0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



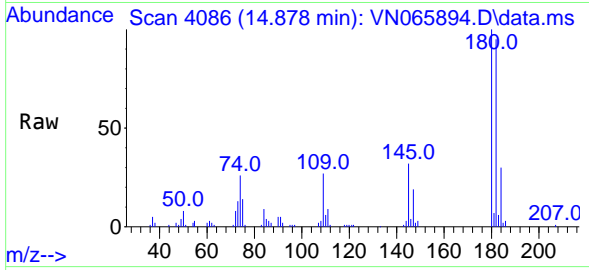
Tgt Ion: 75 Resp: 14936  
 Ion Ratio Lower Upper  
 75 100  
 155 84.4 44.1 132.4  
 157 105.4 56.0 168.2





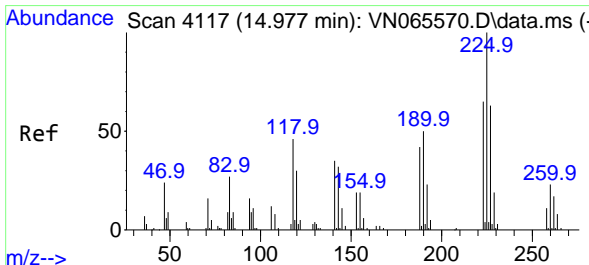
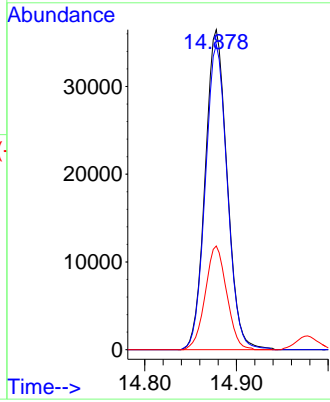
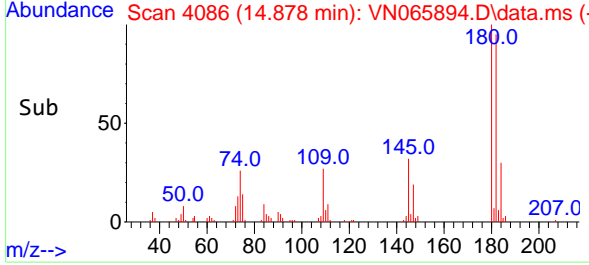
#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.03 ug/l  
 RT: 14.878 min Scan# 4086  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDCCC050EC

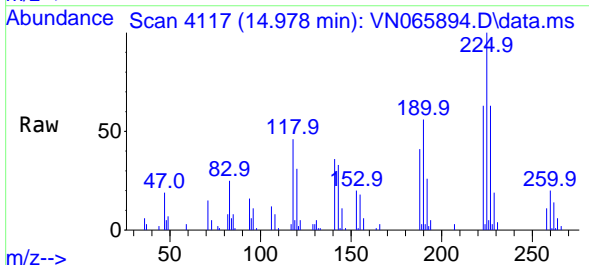


Tgt Ion:180 Resp: 60724  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 47.3 142.0  
 145 31.7 15.6 46.8

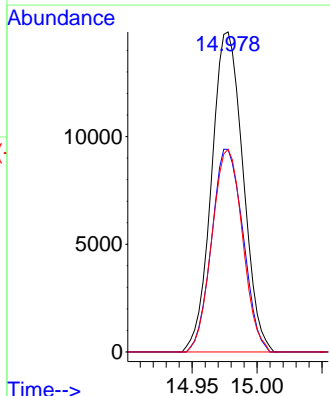
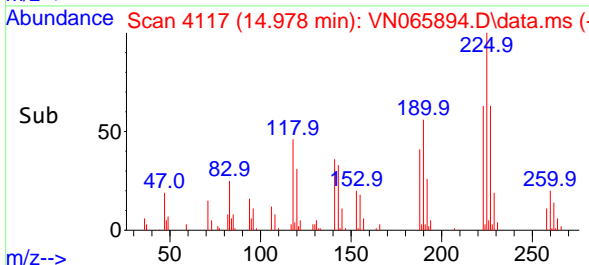
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 2/17/2021 10:36:17 AM

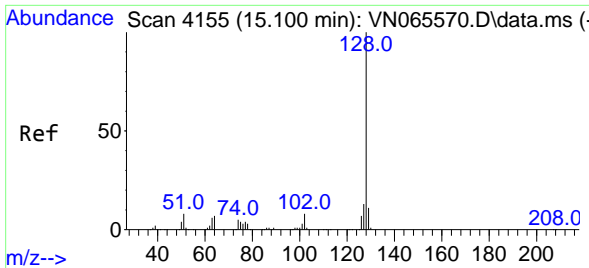


#94  
 Hexachlorobutadiene  
 Concen: 43.98 ug/l  
 RT: 14.978 min Scan# 4117  
 Delta R.T. 0.001 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



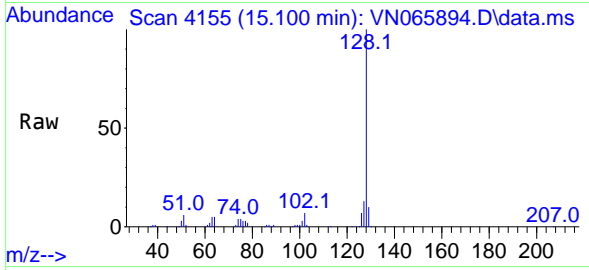
Tgt Ion:225 Resp: 24974  
 Ion Ratio Lower Upper  
 225 100  
 223 63.2 31.9 95.9  
 227 61.8 31.6 95.0





#95  
 Naphthalene  
 Concen: 45.46 ug/l  
 RT: 15.100 min Scan# 4155  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53

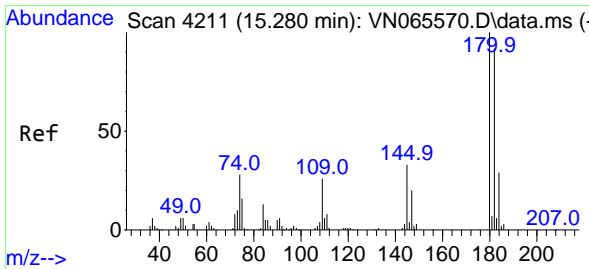
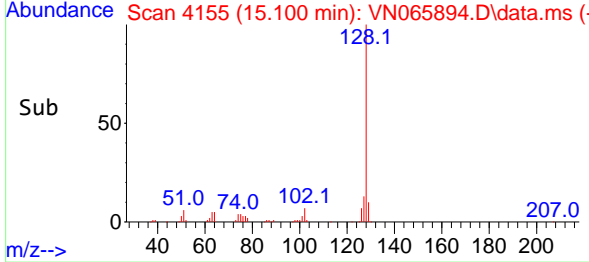
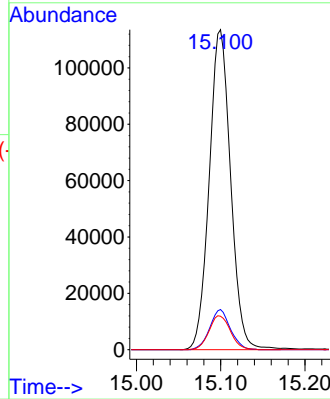
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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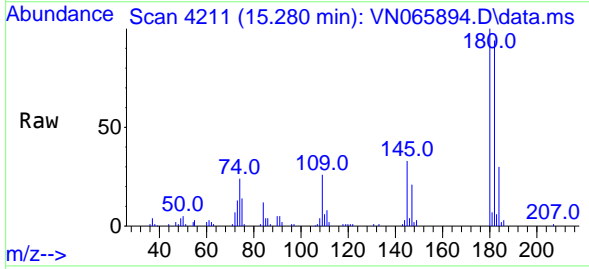
Tgt Ion:128 Resp: 200352

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	10.6	8.6	13.0

Manual Integrations  
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 2/17/2021 10:36:17 AM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 45.16 ug/l  
 RT: 15.280 min Scan# 4211  
 Delta R.T. -0.000 min  
 Lab File: VN065894.D  
 Acq: 16 Feb 2021 23:53



Tgt Ion:180 Resp: 61537

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.4	142.3
145	33.4	16.5	49.5

