

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\  
 Data File : VN065039.D  
 Acq On : 10 Dec 2020 10:47  
 Operator : JC/MD  
 Sample : VSTDIC020  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_N  
**Client Sampled :**  
 VSTDIC020

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 12/11/2020 12:32:18 PM

Quant Time: Dec 10 14:18:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121020W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 10 14:05:55 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	215269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	332802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	297905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	50076	20.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	40.02%#
35) Dibromofluoromethane	7.55	113	42410	20.98	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	41.96%#
50) Toluene-d8	10.06	98	165062	20.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	40.38%#
62) 4-Bromofluorobenzene	12.37	95	54192	18.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	37.22%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	25391	14.110	ug/l	99
3) Chloromethane	2.04	50	34452	14.634	ug/l	100
4) Vinyl Chloride	2.17	62	37843	15.335	ug/l	99
5) Bromomethane	2.53	94	25804	15.933	ug/l	96
6) Chloroethane	2.68	64	25160	16.294	ug/l	97
7) Trichlorofluoromethane	2.99	101	56067	16.227	ug/l	95
8) Diethyl Ether	3.38	74	22838	16.710	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35751	17.197	ug/l	99
10) Methyl Iodide	3.91	142	41353	15.612	ug/l	99
11) Tert butyl alcohol	4.75	59	28442	75.958	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	32591	15.909	ug/l	95
13) Acrolein	3.57	56	22122	92.252	ug/l	96
14) Allyl chloride	4.28	41	51137	15.111	ug/l	97
15) Acrylonitrile	4.93	53	87686	82.689	ug/l	99
16) Acetone	3.78	43	87127	103.665	ug/l	100
17) Carbon Disulfide	4.01	76	76372	13.074	ug/l	99
18) Methyl Acetate	4.28	43	41708	16.968	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	109256	16.512	ug/l	93
20) Methylene Chloride	4.50	84	41140	16.057	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35493	15.573	ug/l	97
22) Diisopropyl ether	5.90	45	117177	17.145	ug/l	95
23) Vinyl Acetate	5.85	43	438517	80.778	ug/l	99
24) 1,1-Dichloroethane	5.80	63	69344	16.981	ug/l	99
25) 2-Butanone	6.79	43	113545	86.454	ug/l	98
26) 2,2-Dichloropropane	6.78	77	59222	16.729	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	42367	16.404	ug/l	98
28) Bromochloromethane	7.15	49	36613	19.577	ug/l	99
29) Tetrahydrofuran	7.17	42	69604	77.480	ug/l	97
30) Chloroform	7.33	83	73028	17.235	ug/l	98
31) Cyclohexane	7.61	56	50173	14.743	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	62399	17.225	ug/l	100
36) 1,1-Dichloropropene	7.75	75	48330	15.811	ug/l	97
37) Ethyl Acetate	6.88	43	46940	16.191	ug/l #	85
38) Carbon Tetrachloride	7.73	117	53615	16.834	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	45586	14.071	ug/l	96
40) Benzene	8.00	78	158087	16.878	ug/l	100
41) Methacrylonitrile	7.14	41	23819m	17.044	ug/l	
42) 1,2-Dichloroethane	8.08	62	53758	16.983	ug/l	100
43) Isopropyl Acetate	8.13	43	74359	15.839	ug/l #	89
44) Trichloroethene	8.80	130	44211	16.064	ug/l	97
45) 1,2-Dichloropropane	9.08	63	43293	17.695	ug/l	100
46) Dibromomethane	9.17	93	27962	17.170	ug/l	98
47) Bromodichloromethane	9.37	83	56421	17.218	ug/l	96
48) Methyl methacrylate	9.16	41	36637	16.336	ug/l	99
49) 1,4-Dioxane	9.16	88	12796	302.534	ug/l #	92
51) 4-Methyl-2-Pentanone	9.95	43	234993	83.466	ug/l	99
52) Toluene	10.12	92	98701	17.064	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	58334	16.061	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	65402	16.760	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	41465	17.316	ug/l	98
56) Ethyl methacrylate	10.40	69	50038	15.412	ug/l	93
57) 1,3-Dichloropropane	10.68	76	67992	17.330	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	150139	83.890	ug/l	99
59) 2-Hexanone	10.72	43	166981	82.482	ug/l	97
60) Dibromochloromethane	10.87	129	46997	17.736	ug/l	99
61) 1,2-Dibromoethane	10.97	107	40548	16.774	ug/l	96
64) Tetrachloroethene	10.60	164	46507	16.249	ug/l	99
65) Chlorobenzene	11.40	112	111229	17.346	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	43521	18.470	ug/l	97
67) Ethyl Benzene	11.48	91	174549	16.408	ug/l	99
68) m/p-Xylenes	11.59	106	139922	34.539	ug/l	99
69) o-Xylene	11.92	106	64392	16.779	ug/l	96
70) Styrene	11.94	104	111764	17.241	ug/l	99
71) Bromoform	12.10	173	32195	17.200	ug/l #	100
73) Isopropylbenzene	12.22	105	171610	17.147	ug/l	100
74) N-amyl acetate	12.04	43	60342	15.592	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	54979	18.676	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	49326m	16.099	ug/l	
77) Bromobenzene	12.50	156	45740	16.904	ug/l	97
78) n-propylbenzene	12.56	91	193983	17.079	ug/l	99
79) 2-Chlorotoluene	12.65	91	121131	17.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	144277	17.356	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	17676	15.957	ug/l	97
82) 4-Chlorotoluene	12.75	91	127682	17.311	ug/l	99
83) tert-Butylbenzene	12.97	119	118434	16.993	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	143161	16.995	ug/l	98
85) sec-Butylbenzene	13.14	105	154552	16.792	ug/l	100
86) p-Isopropyltoluene	13.26	119	139385	16.636	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	80323	16.702	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	81395	16.011	ug/l	94
89) n-Butylbenzene	13.59	91	110863	15.148	ug/l	99
90) Hexachloroethane	13.85	117	25722	17.573	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	82313	17.425	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10911	16.834	ug/l	91

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36797	12.878	ug/l	98
94) Hexachlorobutadiene	14.98	225	22381	15.363	ug/l	97
95) Naphthalene	15.10	128	103220	12.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	34571	12.306	ug/l	98

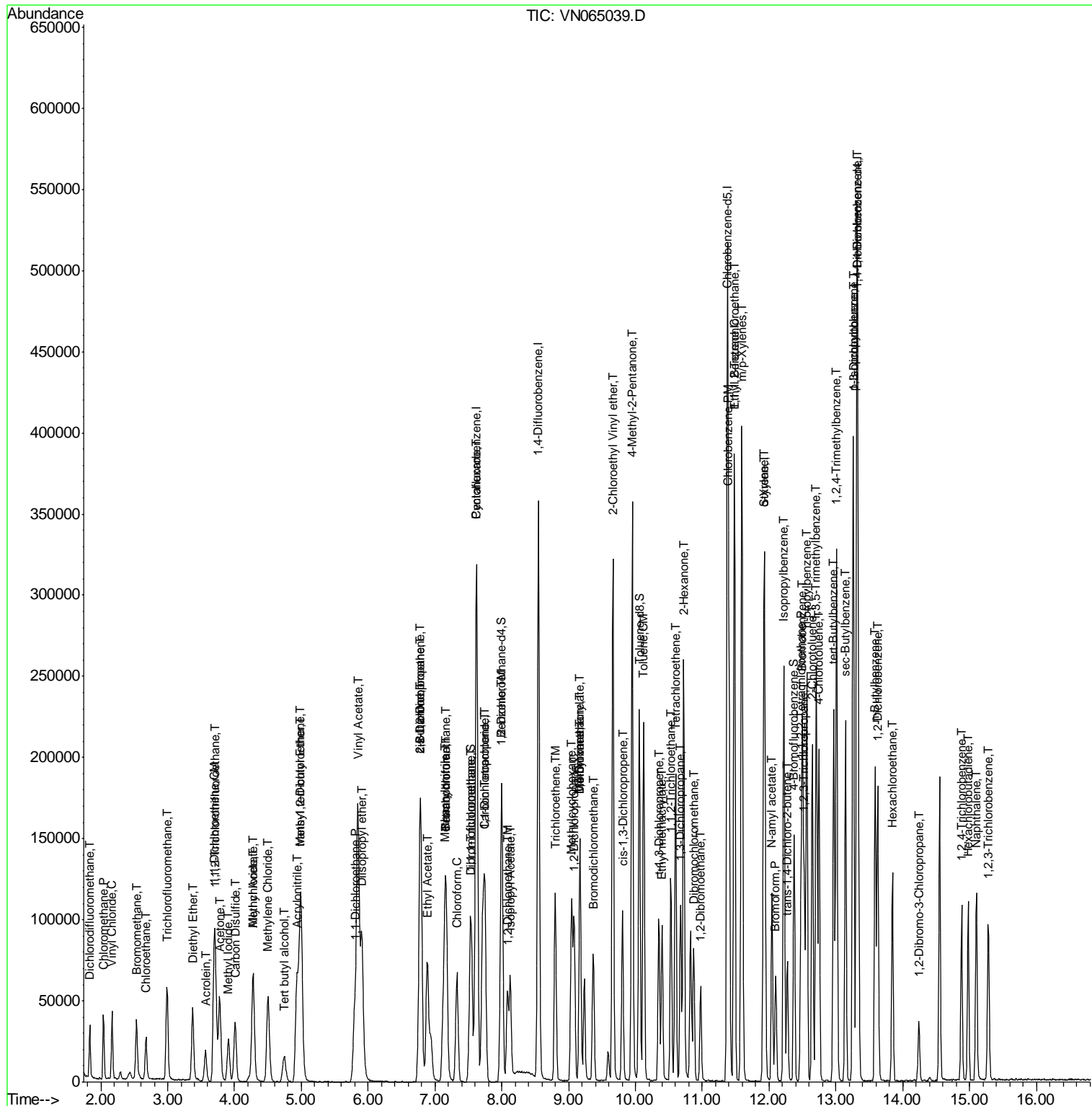
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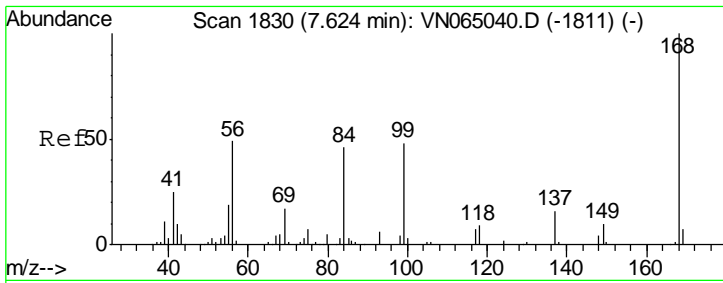
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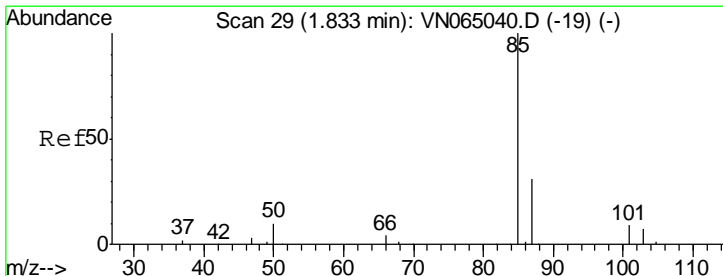
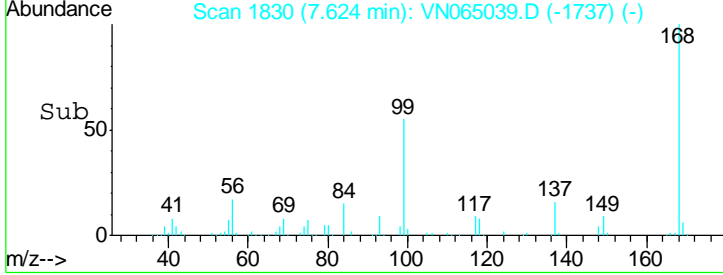
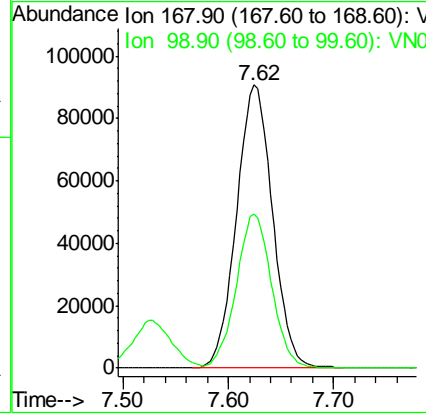
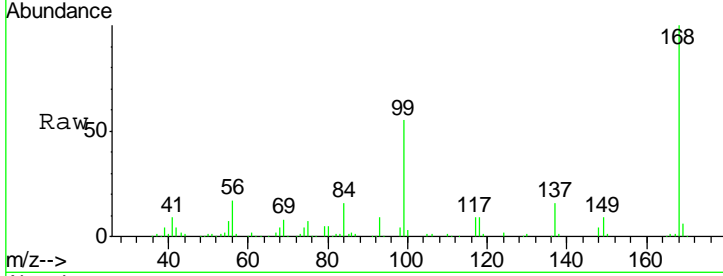
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.62 min Scan# 1830  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument :  
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 ClientSampled :  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
168	100		
99	54.4	44.0	66.0

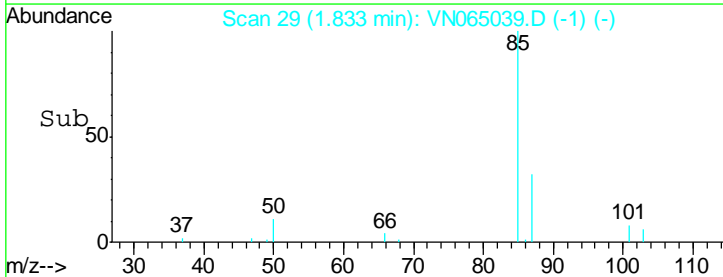
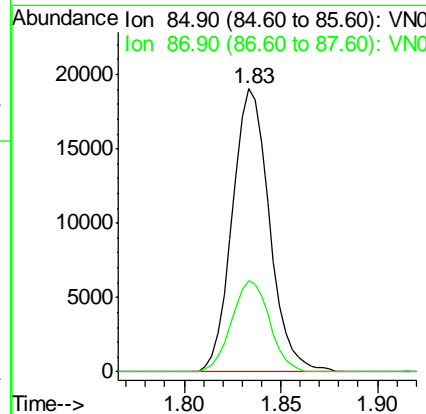
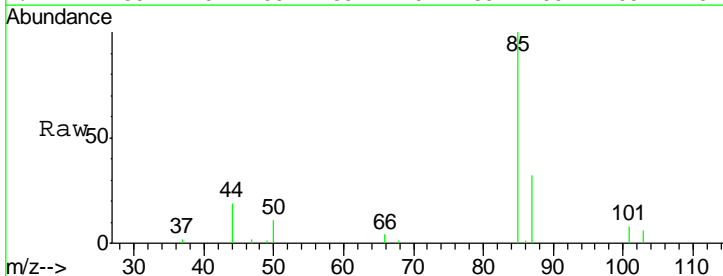
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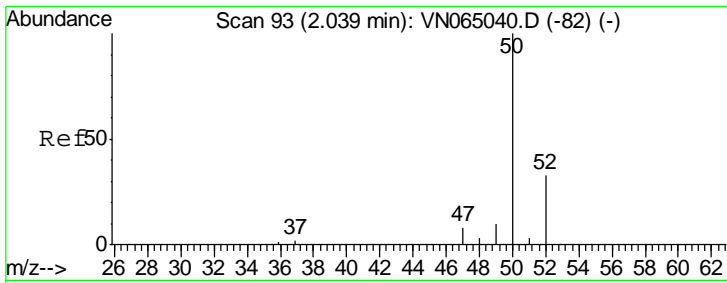
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#2  
 Dichlorodifluoromethane  
 Concen: 14.110 ug/l  
 RT: 1.83 min Scan# 29  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
85	100		
87	32.3	15.8	47.3



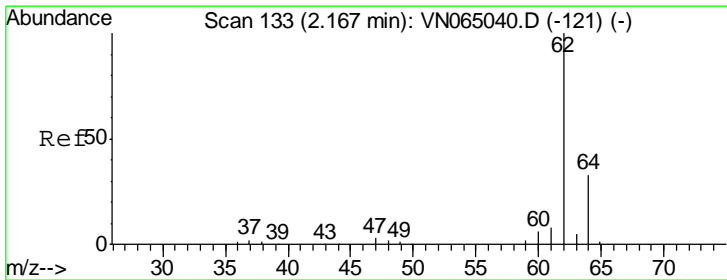
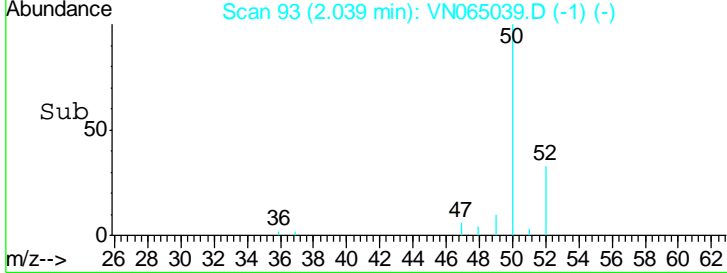
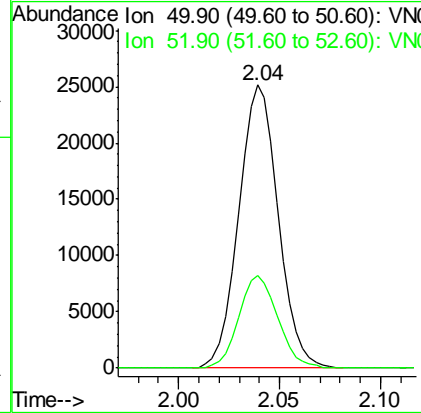
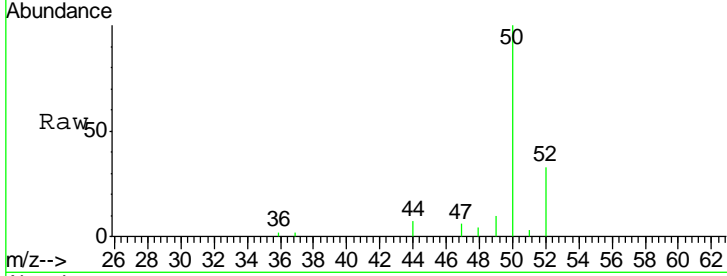


#3  
 Chloromethane  
 Concen: 14.634 ug/l  
 RT: 2.04 min Scan# 93  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
50	34452	100	
52	32.9	26.5	39.7

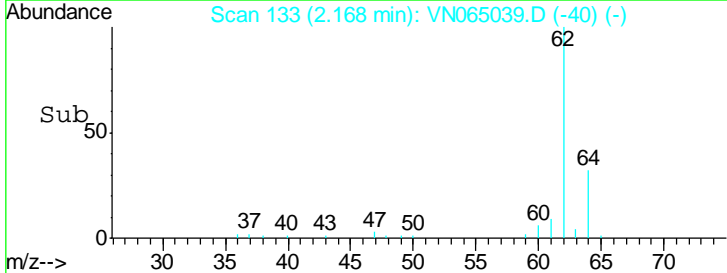
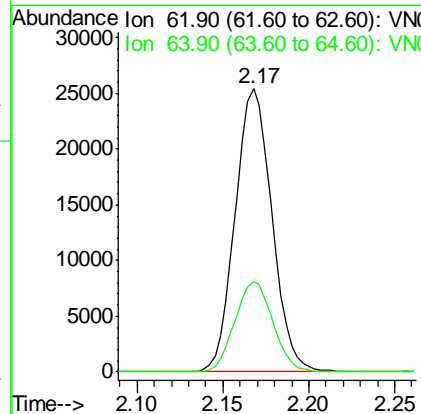
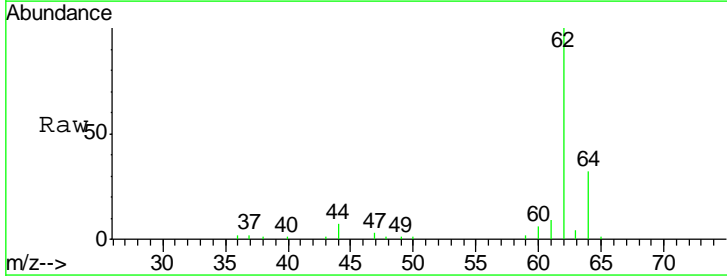
**Instrument :**  
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 VSTDIC020

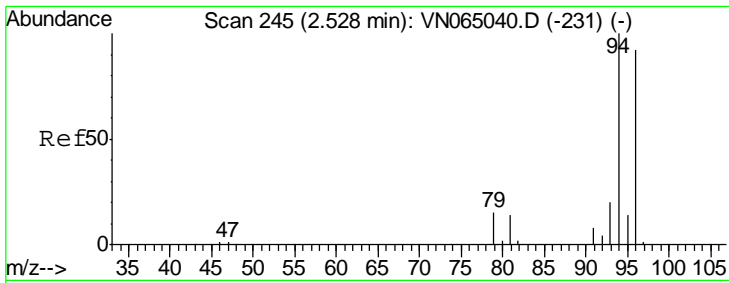
**Manual Integrations**  
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#4  
 Vinyl Chloride  
 Concen: 15.335 ug/l  
 RT: 2.17 min Scan# 133  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
62	37843	100	
64	32.0	26.1	39.1



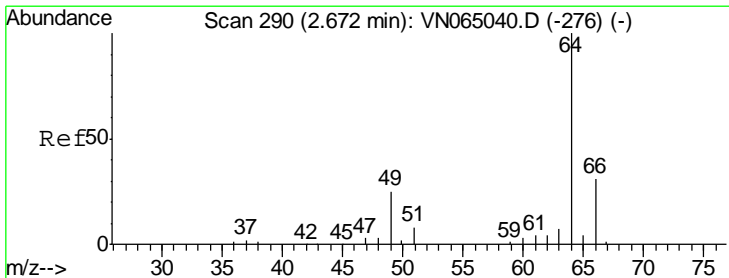
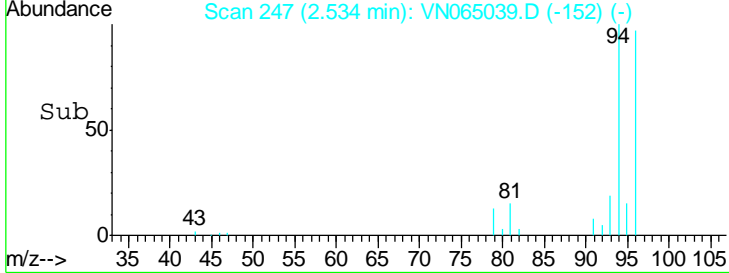
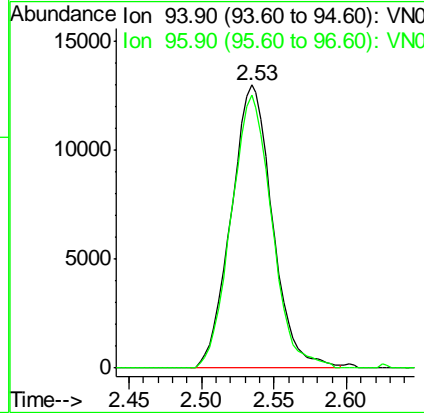
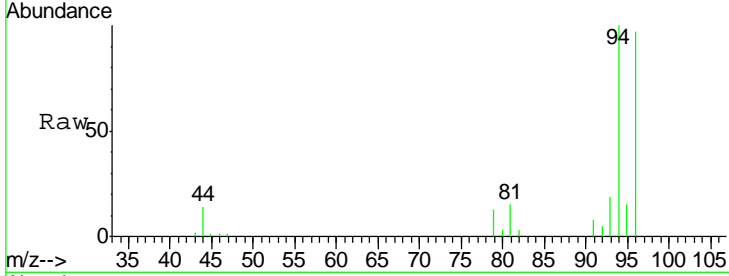


#5  
 Bromomethane  
 Concen: 15.933 ug/l  
 RT: 2.53 min Scan# 247  
 Delta R.T. 0.01 min  
 Lab File: VN065039.D  
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Tgt Ion	Resp	Lower	Upper
94	100		
96	96.6	73.8	110.8

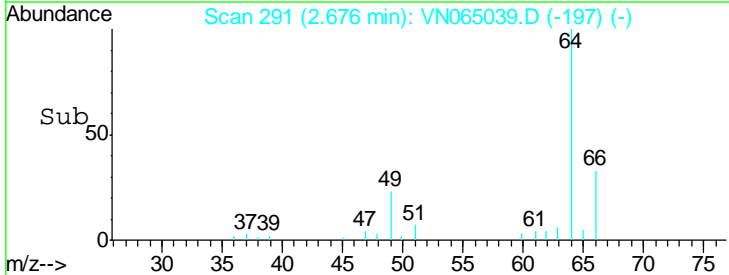
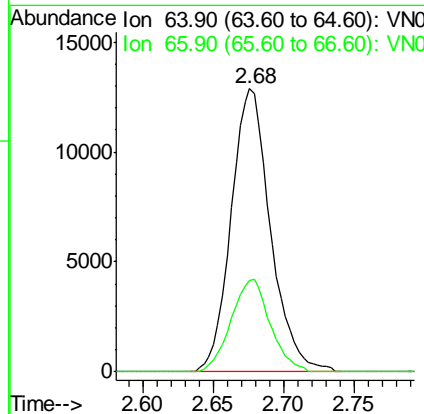
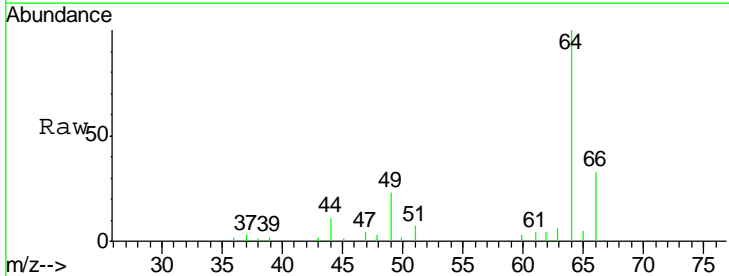
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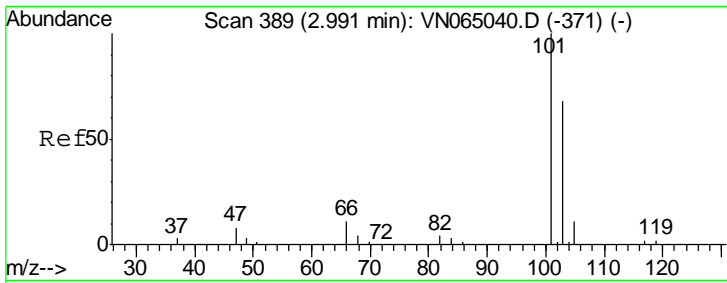
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#6  
 Chloroethane  
 Concen: 16.294 ug/l  
 RT: 2.68 min Scan# 291  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
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Tgt Ion	Resp	Lower	Upper
64	100		
66	32.5	24.6	37.0





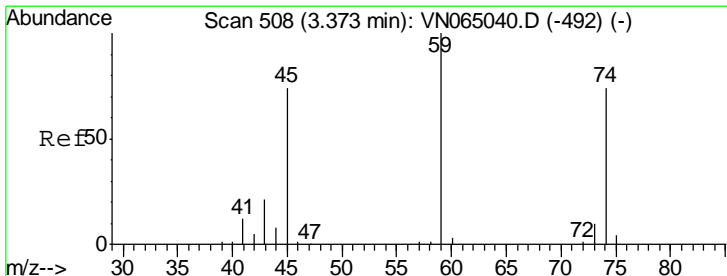
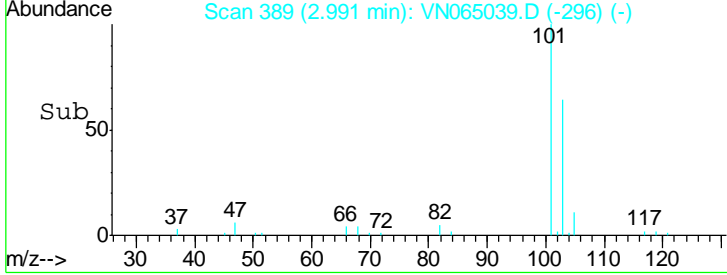
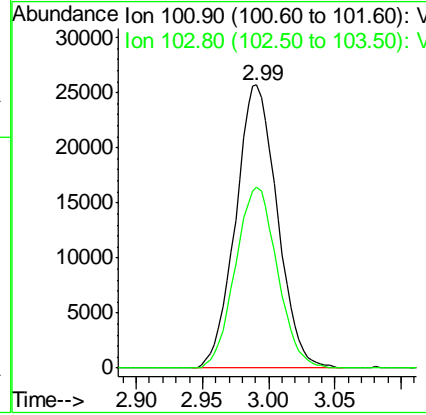
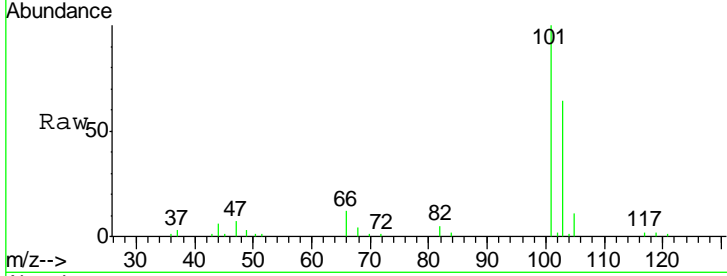
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 Trichlorofluoromethane  
 Concen: 16.227 ug/l  
 RT: 2.99 min Scan# 389  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
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Tgt Ion	Resp	Lower	Upper
101	56067		
103	64.1	54.5	81.7

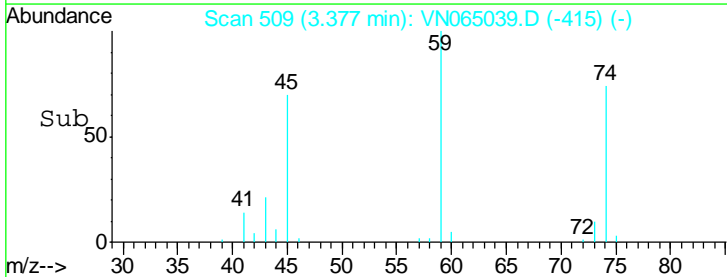
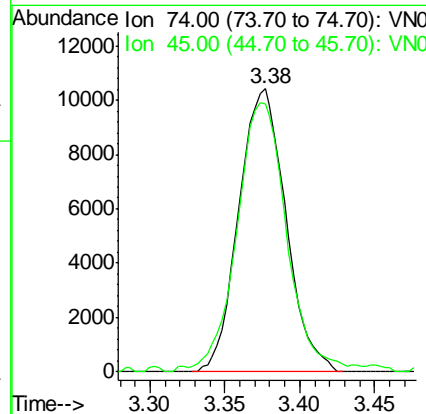
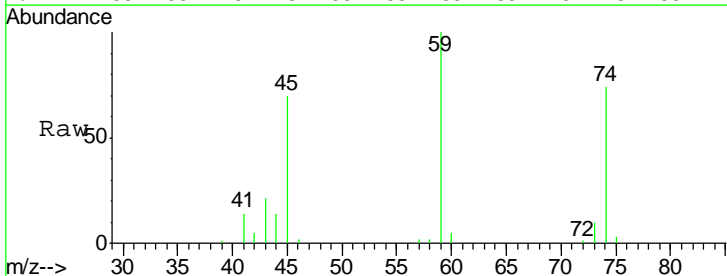
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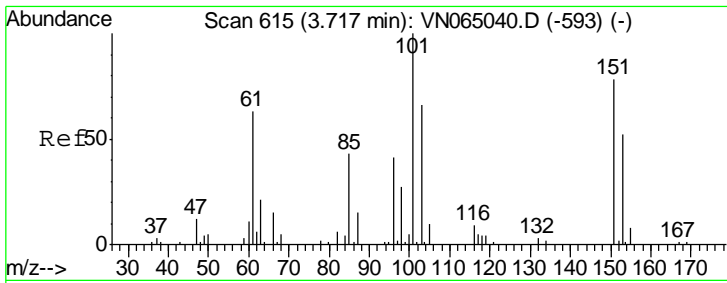


#8  
 Diethyl Ether  
 Concen: 16.710 ug/l  
 RT: 3.38 min Scan# 509  
 Delta R.T. 0.00 min  
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Tgt Ion	Resp	Lower	Upper
74	22838		
45	101.3	49.1	147.3







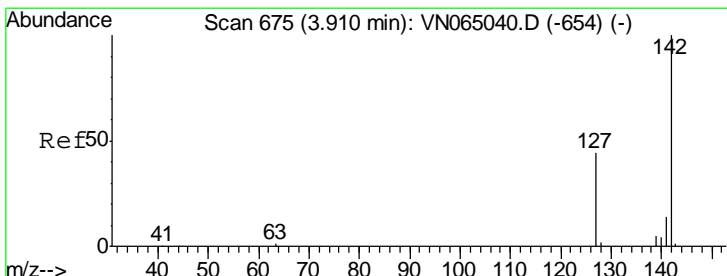
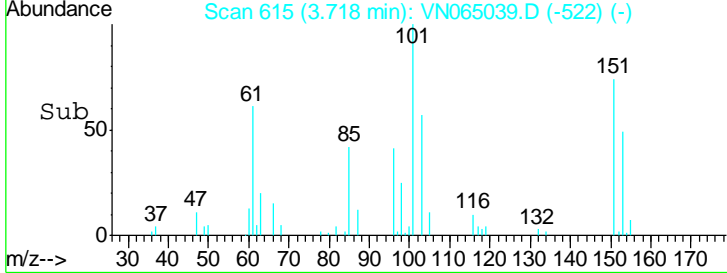
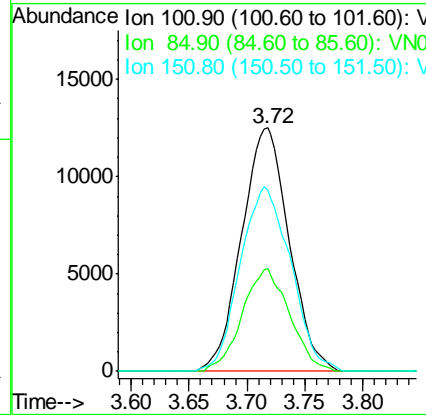
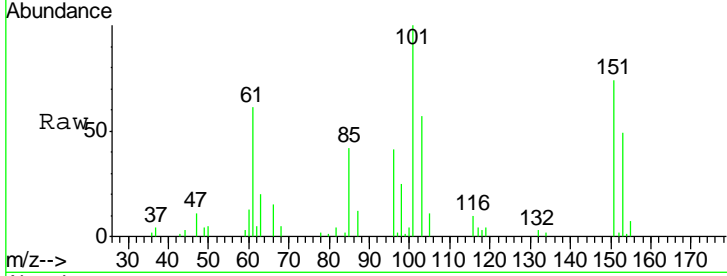
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 17.197 ug/l  
 RT: 3.72 min Scan# 615  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
101	35751		
101	100		
85	41.8	33.2	49.8
151	80.3	63.7	95.5

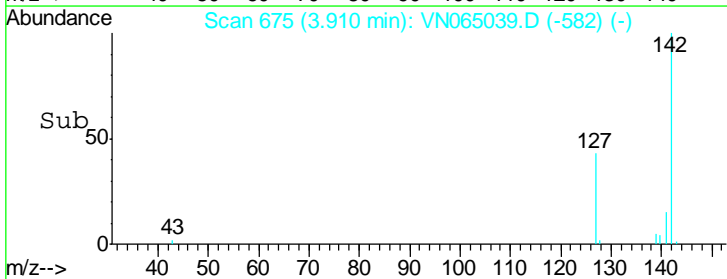
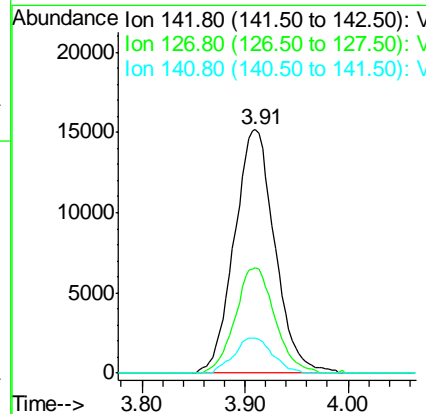
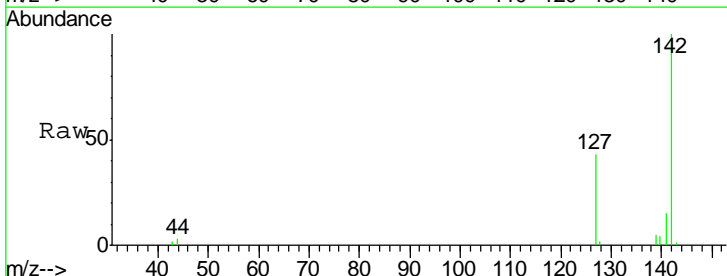
**Manual Integrations**  
**APPROVED**

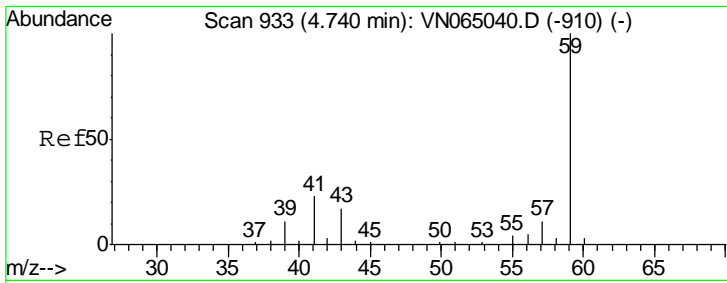
MMDadoda  
 12/11/2020 12:32:18 PM



#10  
 Methyl Iodide  
 Concen: 15.612 ug/l  
 RT: 3.91 min Scan# 675  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
142	41353		
142	100		
127	42.4	34.6	52.0
141	13.7	10.9	16.3





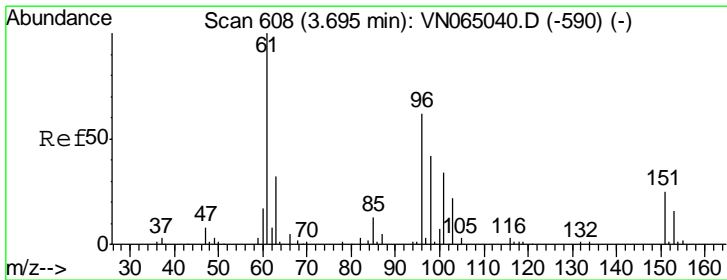
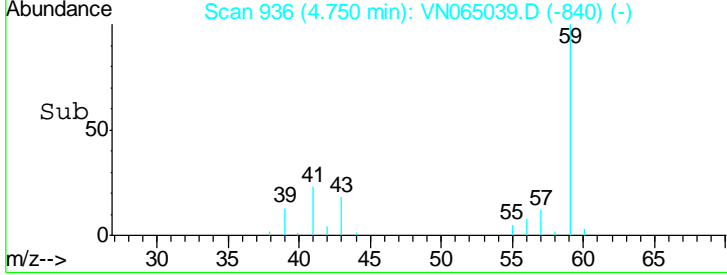
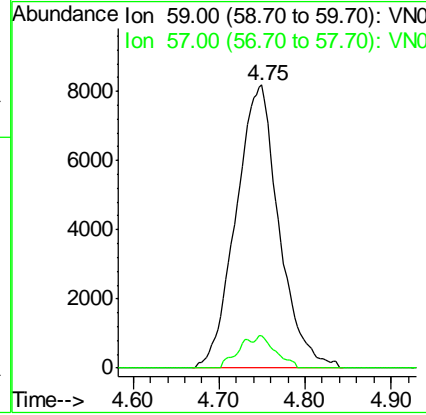
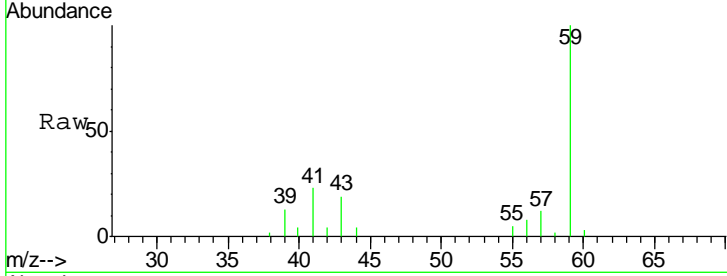
#11  
 Tert butyl alcohol  
 Concen: 75.958 ug/l  
 RT: 4.75 min Scan# 936  
 Delta R.T. 0.01 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
59	100		
57	5.3	8.6	12.8#

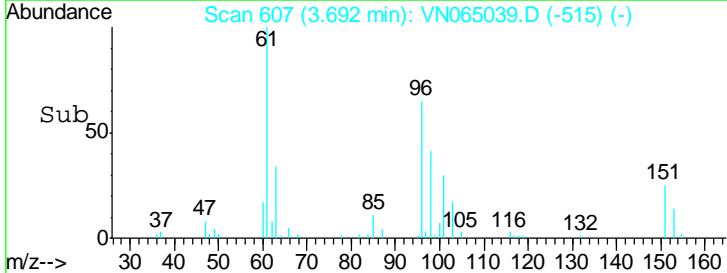
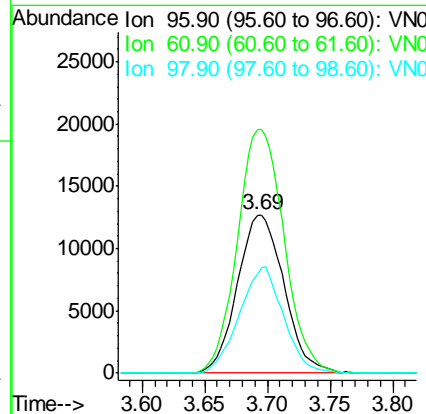
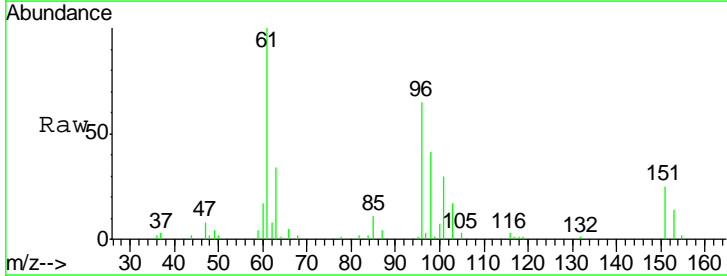
Manual Integrations  
 APPROVED

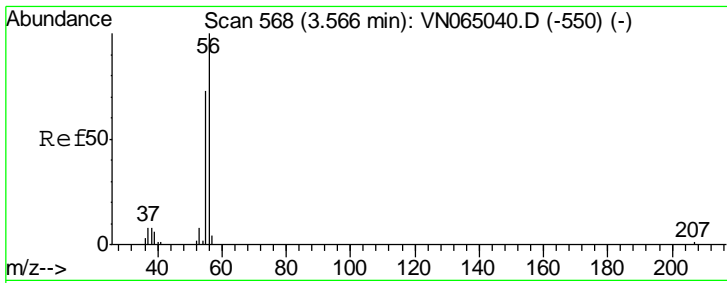
MMDadoda  
 12/11/2020 12:32:18 PM



#12  
 1,1-Dichloroethene  
 Concen: 15.909 ug/l  
 RT: 3.69 min Scan# 607  
 Delta R.T. -0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
96	100		
61	154.2	128.4	192.6
98	62.6	53.6	80.4





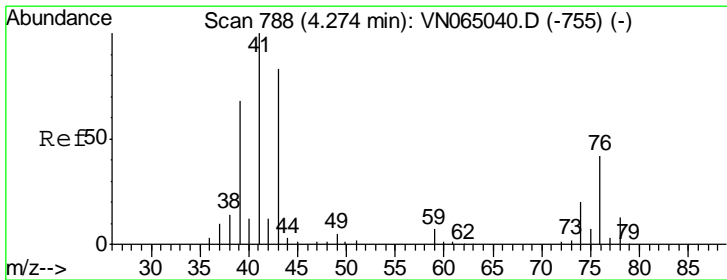
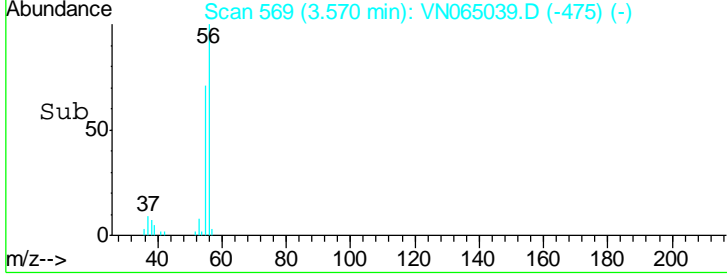
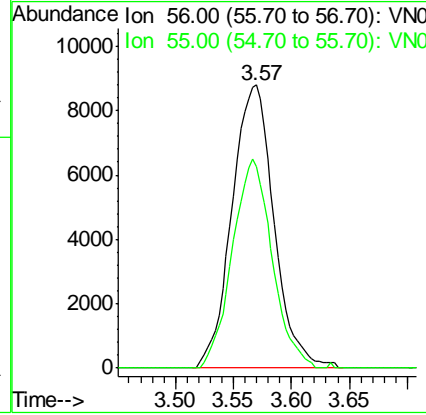
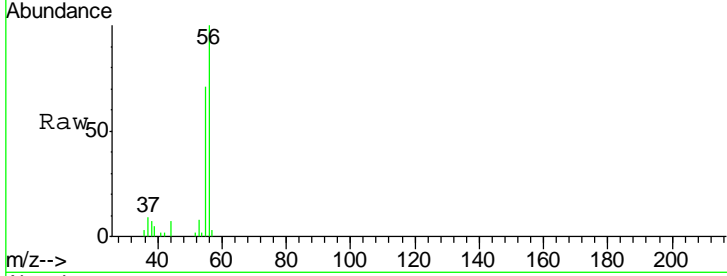
#13  
 Acrolein  
 Concen: 92.252 ug/l  
 RT: 3.57 min Scan# 569  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
56	22122		
55	69.8	58.4	87.6

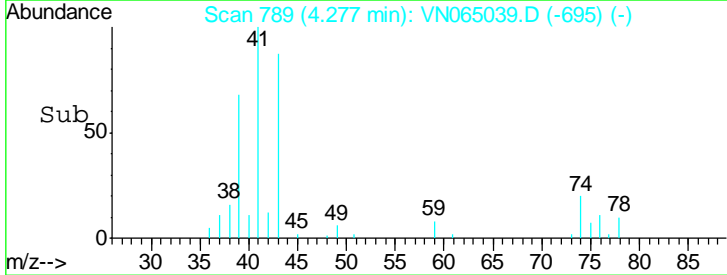
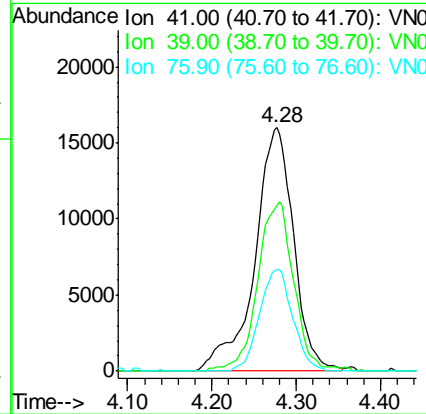
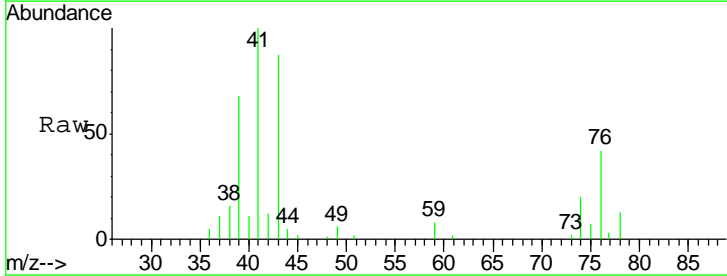
Manual Integrations  
 APPROVED

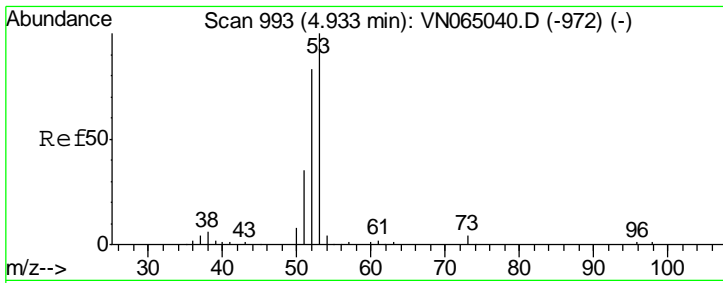
MMDadoda  
 12/11/2020 12:32:18 PM



#14  
 Allyl chloride  
 Concen: 15.111 ug/l  
 RT: 4.28 min Scan# 789  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
41	51137		
39	63.8	49.0	73.6
76	35.7	29.6	44.4



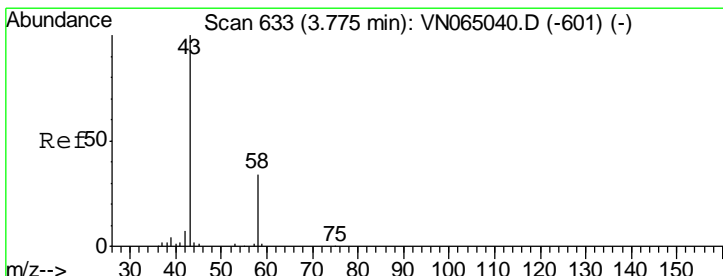
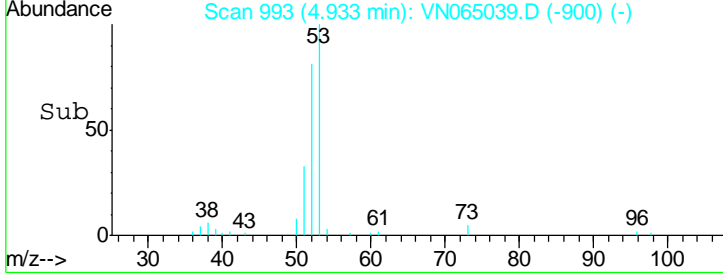
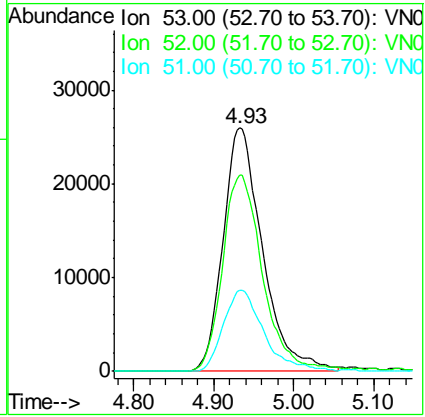
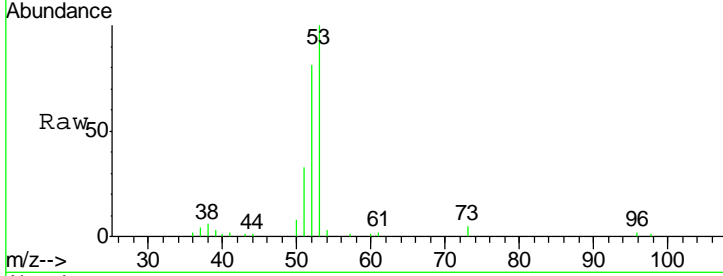


#15  
 Acrylonitrile  
 Concen: 82.689 ug/l  
 RT: 4.93 min Scan# 993  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC020

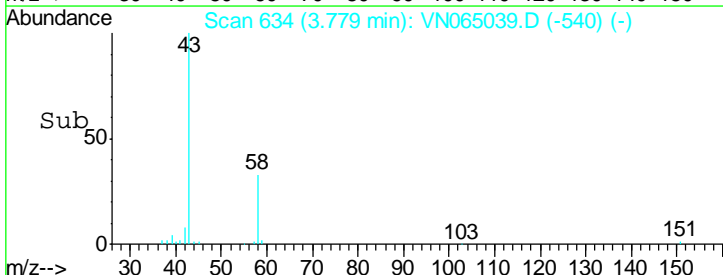
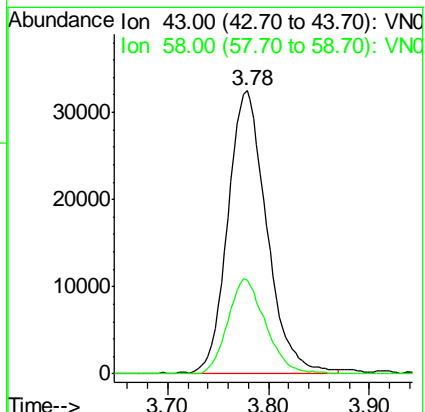
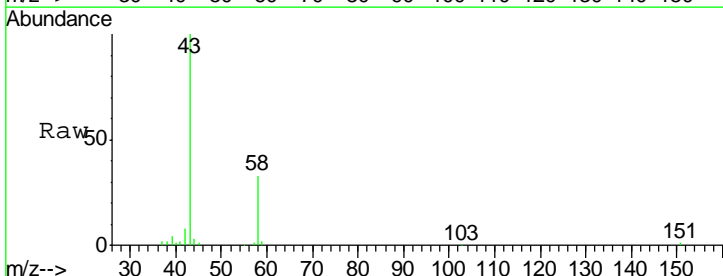
Tgt Ion	Resp	Lower	Upper
53	100		
52	82.0	65.4	98.0
51	34.2	27.8	41.6

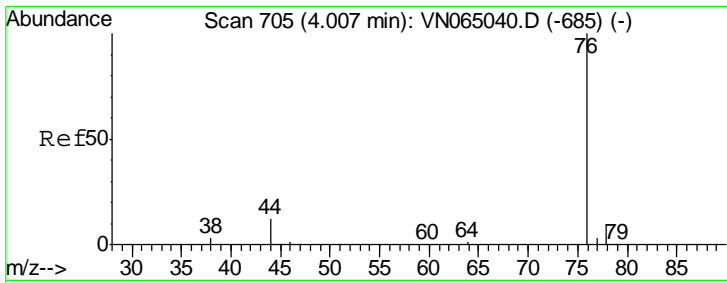
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 12/11/2020 12:32:18 PM



#16  
 Acetone  
 Concen: 103.665 ug/l  
 RT: 3.78 min Scan# 634  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
43	100		
58	33.2	26.8	40.2



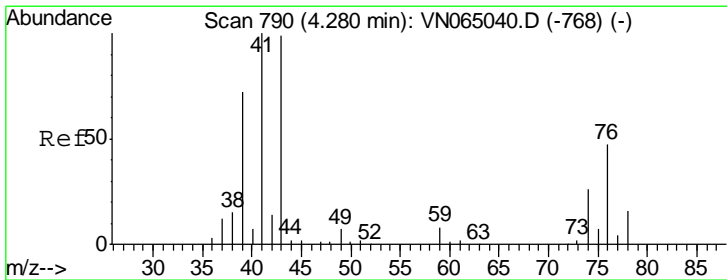
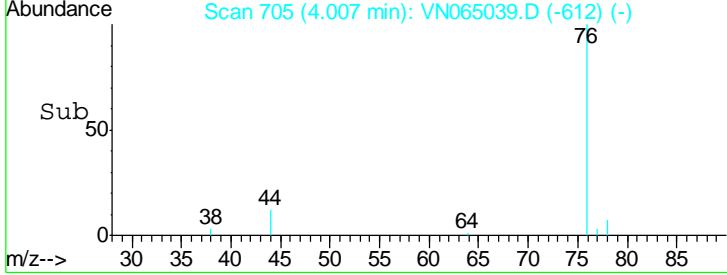
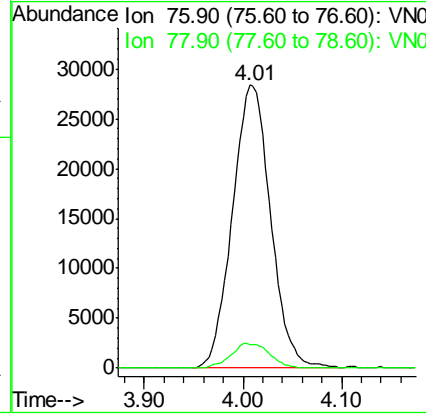
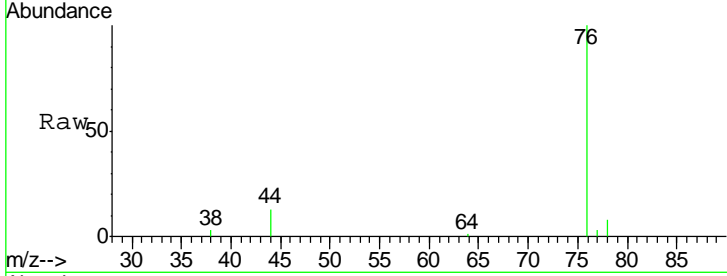


#17  
 Carbon Disulfide  
 Concen: 13.074 ug/l  
 RT: 4.01 min Scan# 705  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.1	10.7

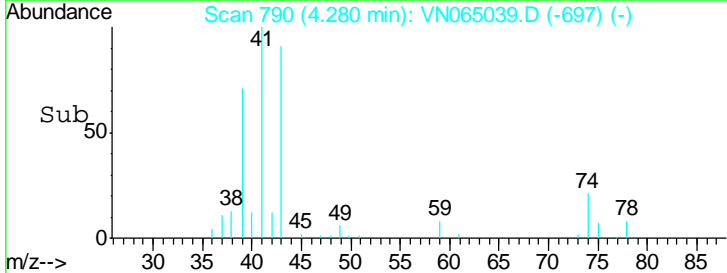
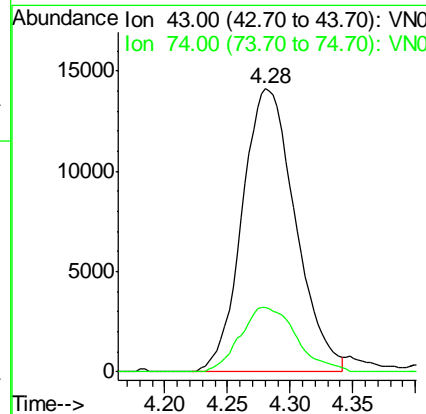
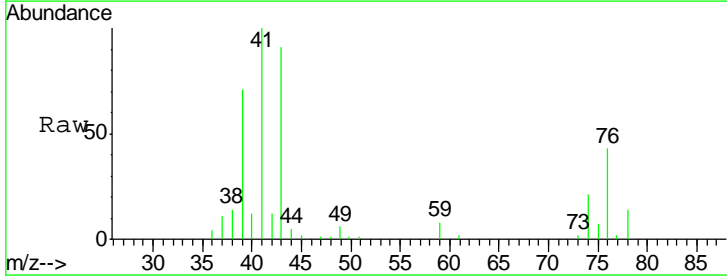
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC020

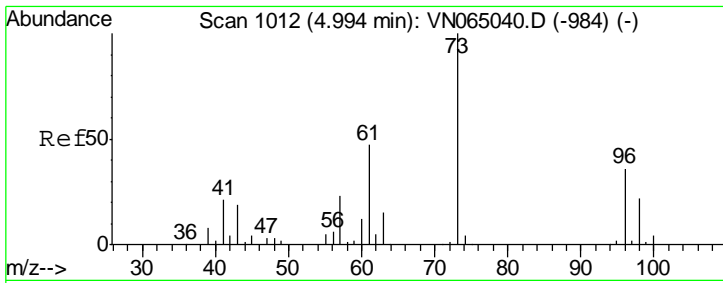
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 12/11/2020 12:32:18 PM



#18  
 Methyl Acetate  
 Concen: 16.968 ug/l  
 RT: 4.28 min Scan# 790  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	20.1	30.1





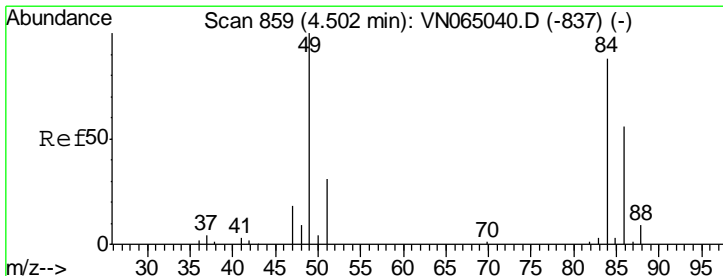
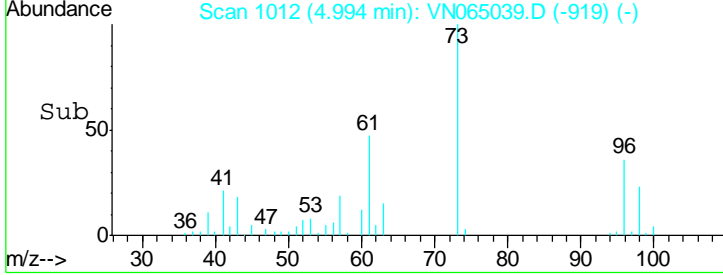
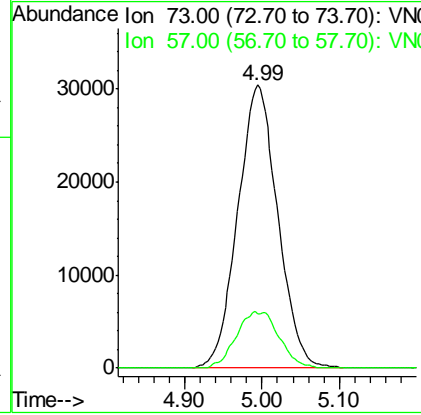
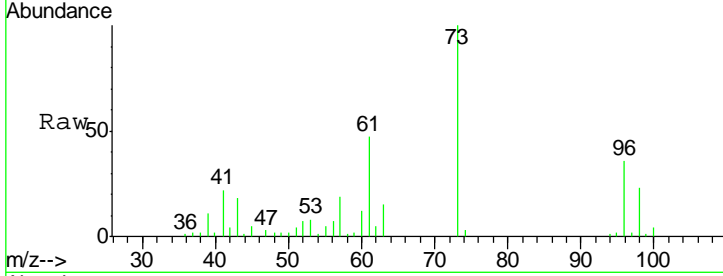
#19  
 Methyl tert-butyl Ether  
 Concen: 16.512 ug/l  
 RT: 4.99 min Scan# 1012  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
73	109256		
57	19.4	18.0	27.0

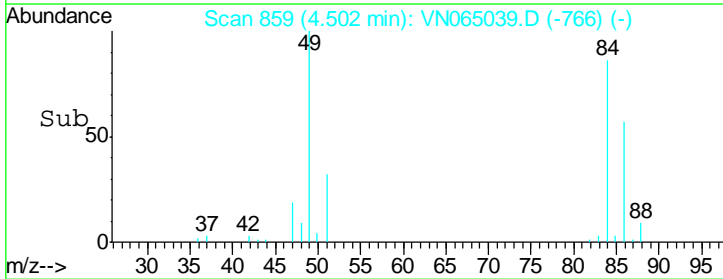
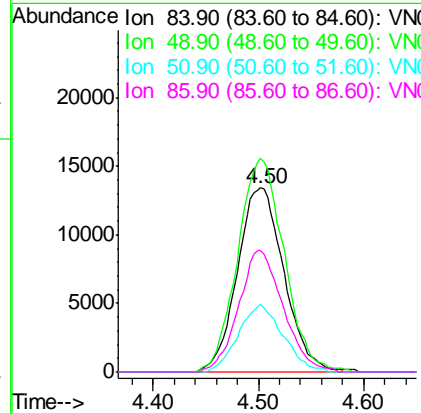
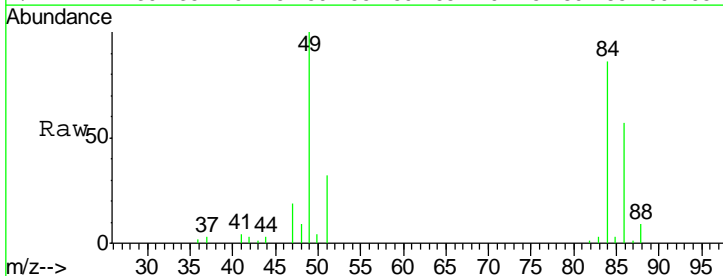
Manual Integrations  
 APPROVED

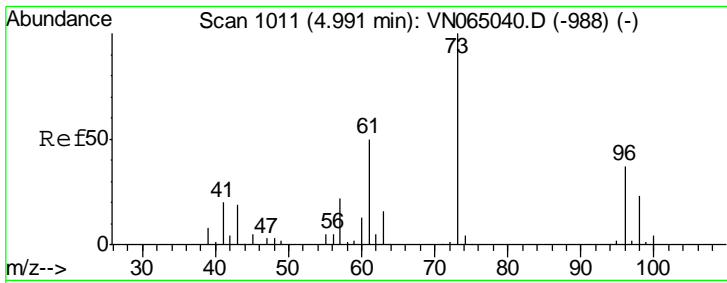
MMDadoda  
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#20  
 Methylene Chloride  
 Concen: 16.057 ug/l  
 RT: 4.50 min Scan# 859  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
84	41140		
49	116.2	90.8	136.2
51	36.6	28.1	42.1
86	66.4	51.3	76.9





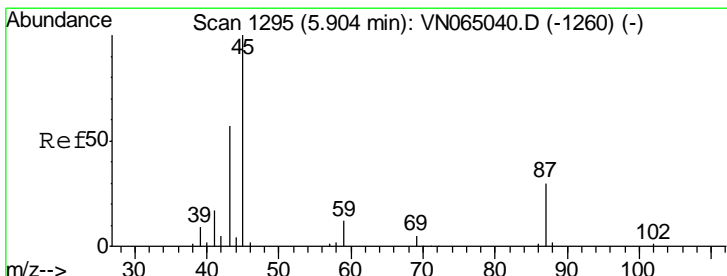
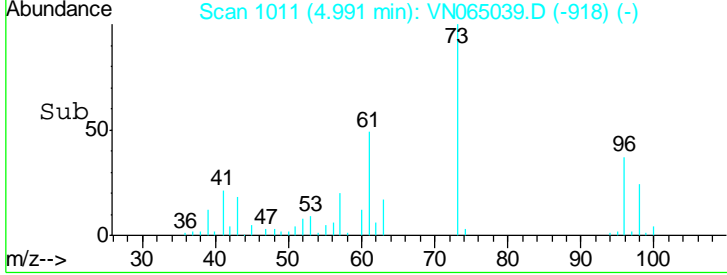
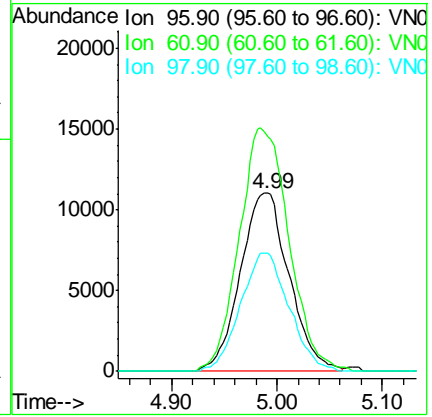
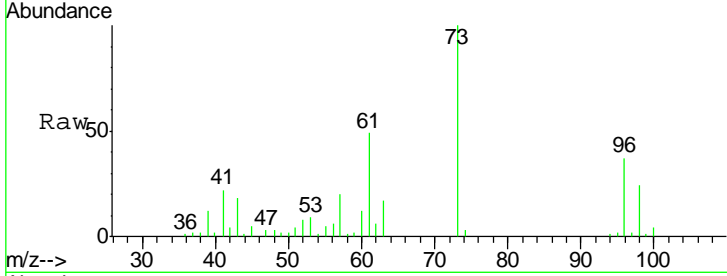
#21  
 trans-1,2-Dichloroethene  
 Concen: 15.573 ug/l  
 RT: 4.99 min Scan# 1011  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
96	35493		
96	100		
61	132.1	107.1	160.7
98	66.3	49.8	74.8

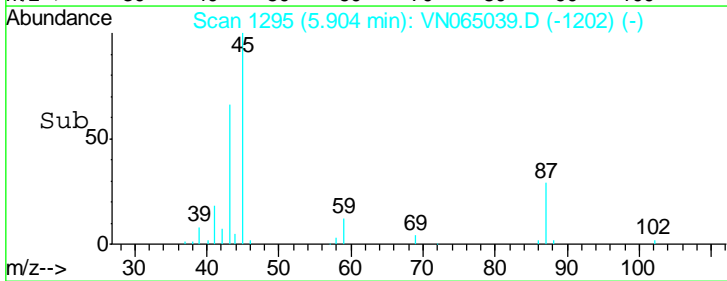
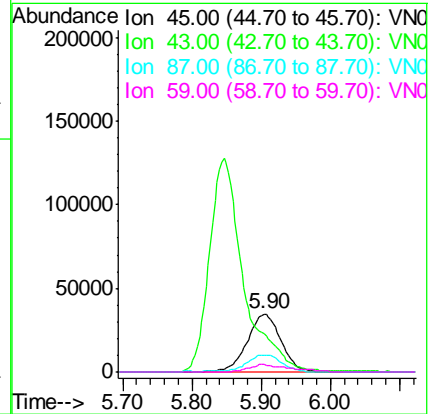
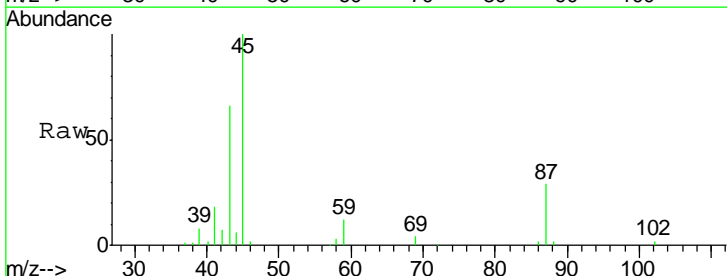
**Manual Integrations**  
**APPROVED**

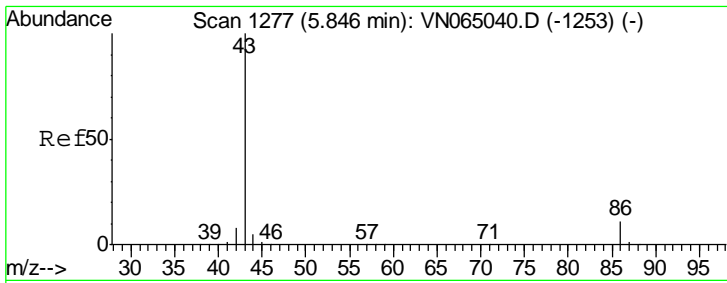
MMDadoda  
 12/11/2020 12:32:18 PM



#22  
 Diisopropyl ether  
 Concen: 17.145 ug/l  
 RT: 5.90 min Scan# 1295  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
45	117177		
45	100		
43	64.6	47.9	71.9
87	28.5	24.3	36.5
59	12.3	9.5	14.3



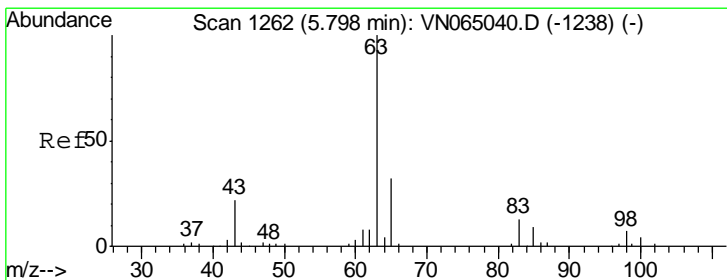
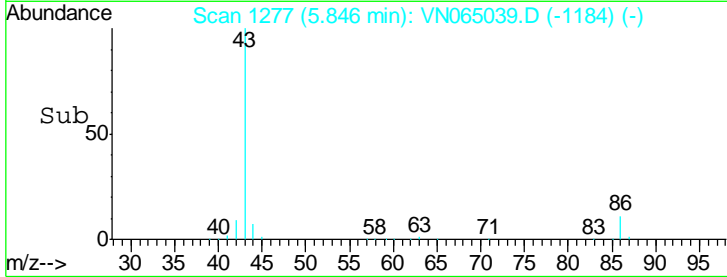
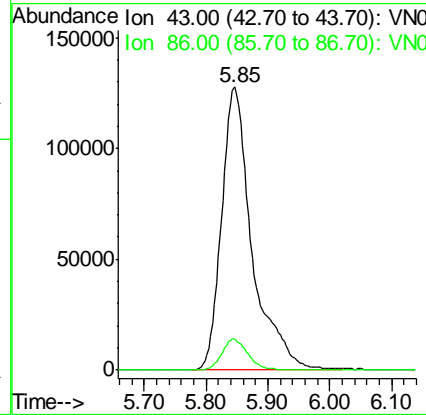
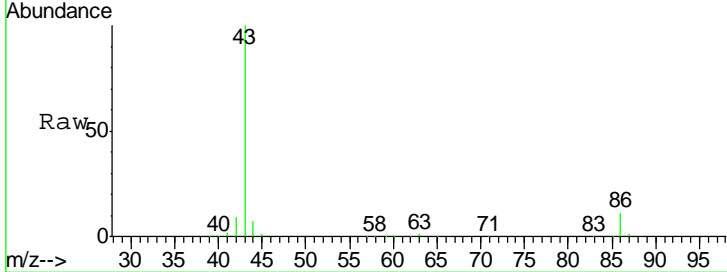


#23  
 Vinyl Acetate  
 Concen: 80.778 ug/l  
 RT: 5.85 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC020

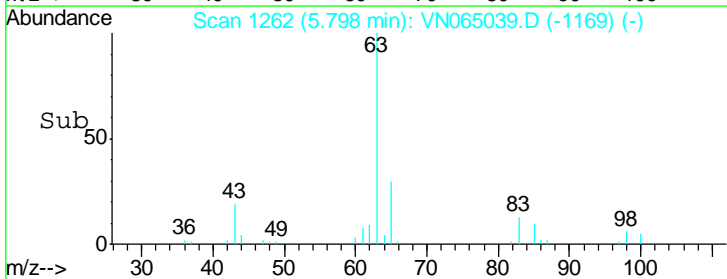
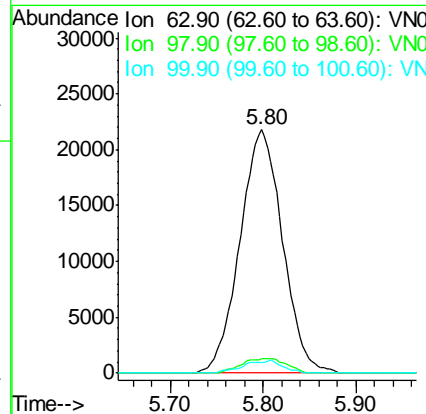
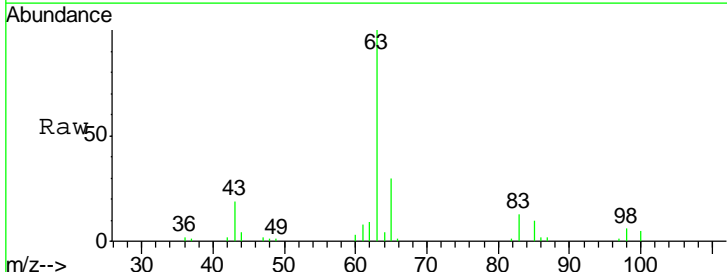
Tgt Ion: 43 Resp: 438517  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.6 12.8

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 12/11/2020 12:32:18 PM

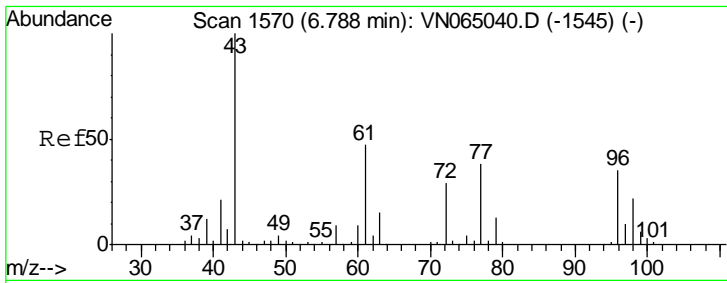


#24  
 1,1-Dichloroethane  
 Concen: 16.981 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion: 63 Resp: 69344  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.9  
 100 4.5 2.1 6.2







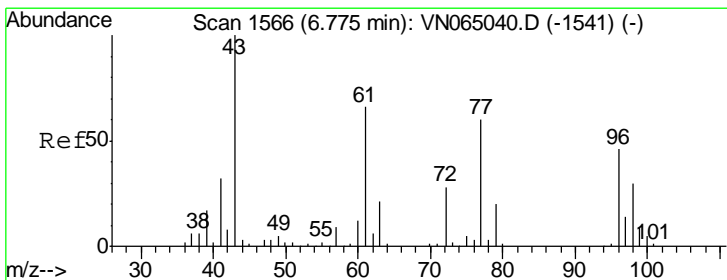
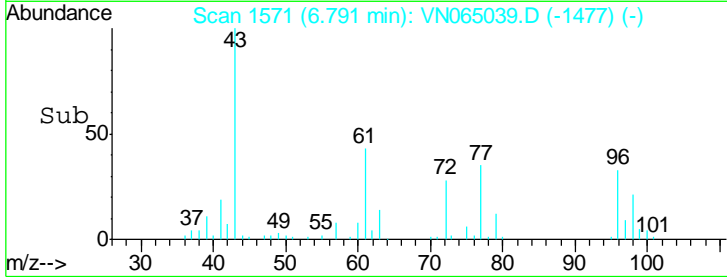
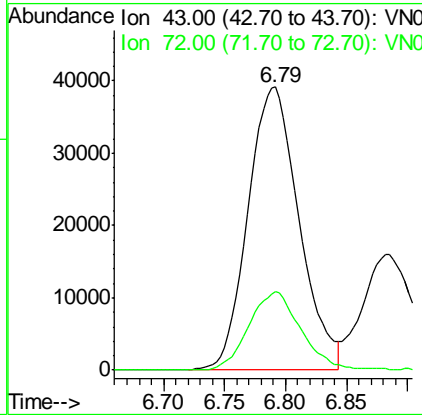
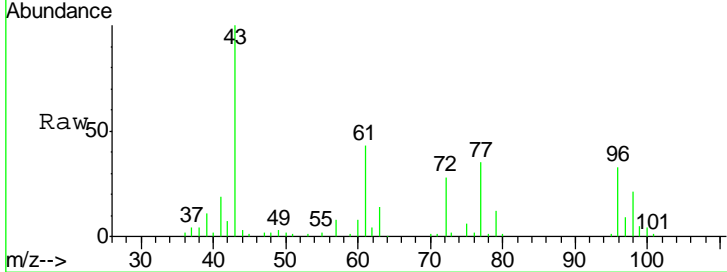
#25  
 2-Butanone  
 Concen: 86.454 ug/l  
 RT: 6.79 min Scan# 1571  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
43	100		
72	27.8	22.9	34.3

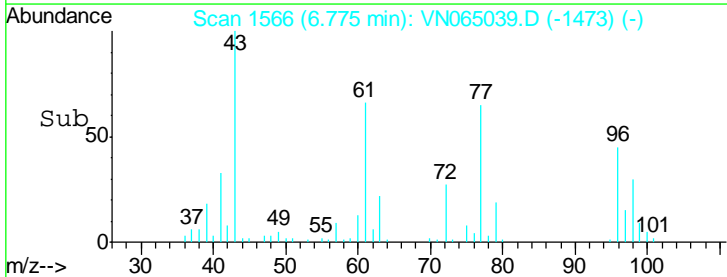
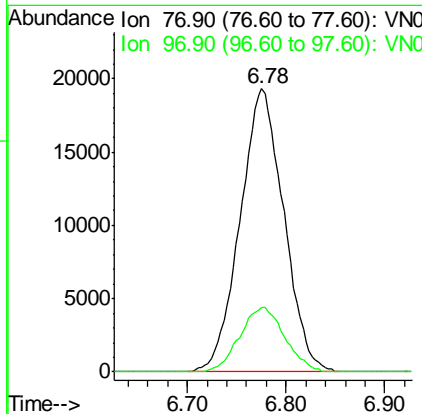
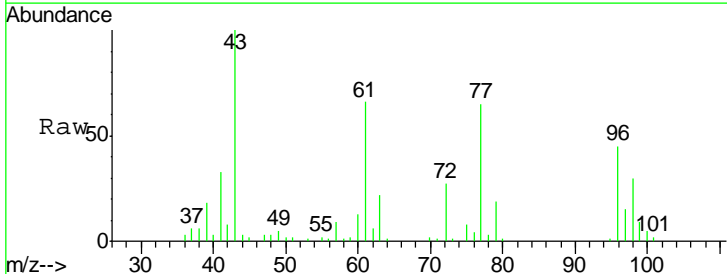
Manual Integrations  
 APPROVED

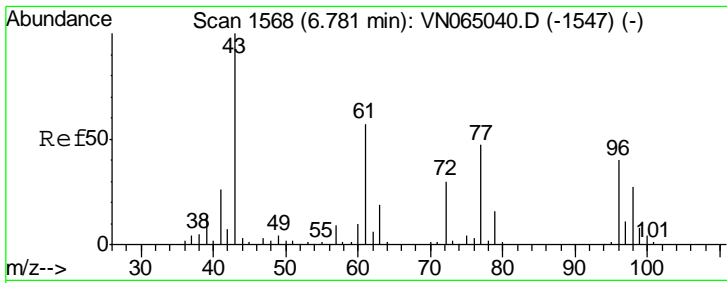
MMDadoda  
 12/11/2020 12:32:18 PM



#26  
 2,2-Dichloropropane  
 Concen: 16.729 ug/l  
 RT: 6.78 min Scan# 1566  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
77	100		
97	23.4	11.7	35.1



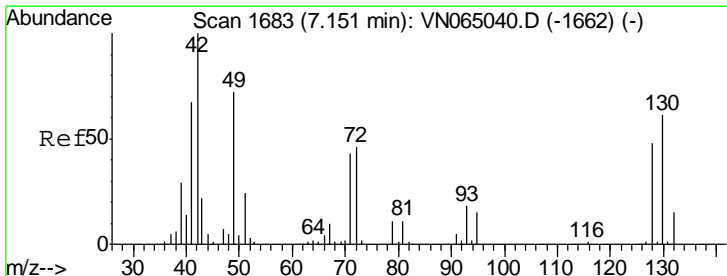
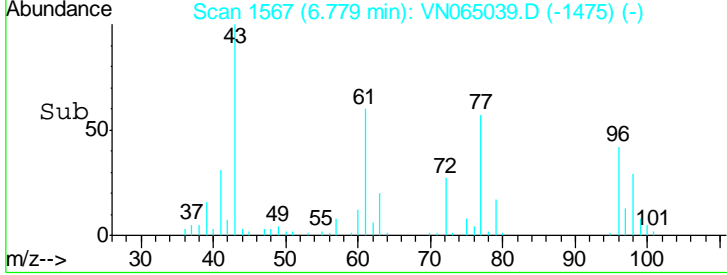
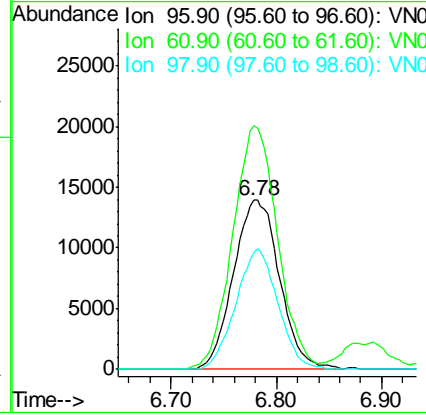
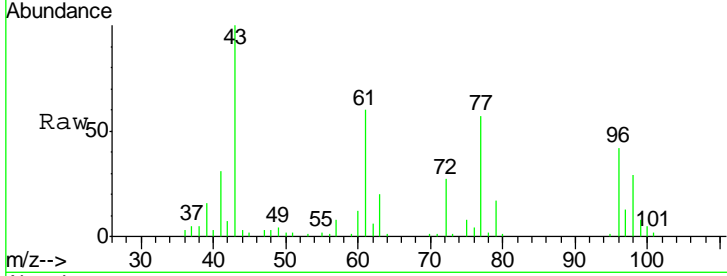


#27  
 cis-1,2-Dichloroethene  
 Concen: 16.404 ug/l  
 RT: 6.78 min Scan# 1567  
 Delta R.T. -0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
96	42367		
96	100		
61	139.4	0.0	283.6
98	64.8	0.0	130.8

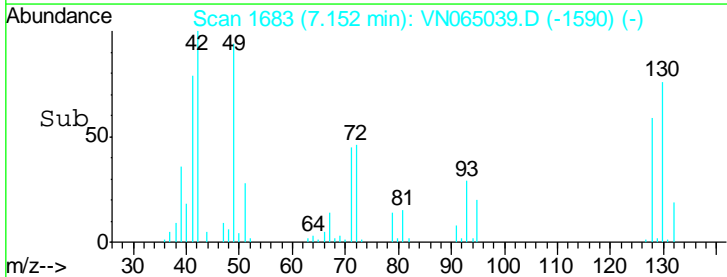
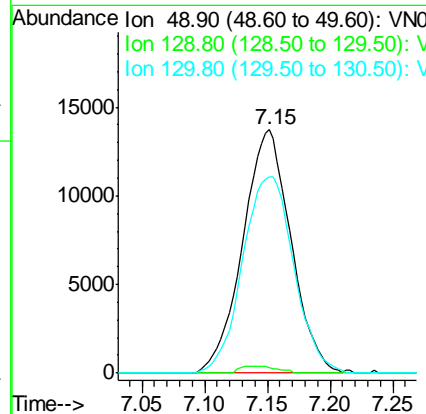
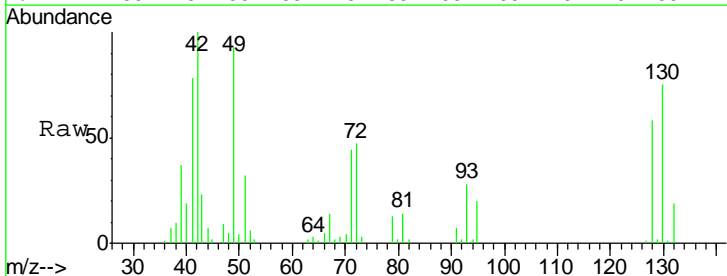
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC020

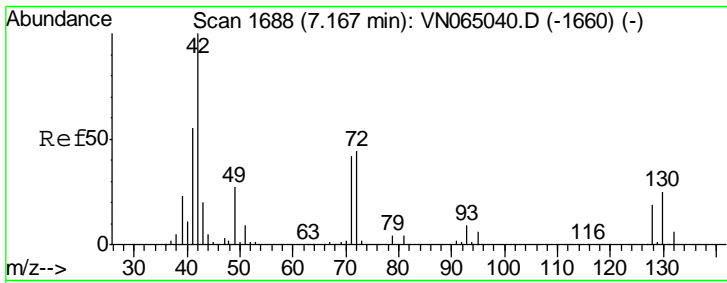
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 12/11/2020 12:32:18 PM



#28  
 Bromochloromethane  
 Concen: 19.577 ug/l  
 RT: 7.15 min Scan# 1683  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
49	36613		
49	100		
129	2.2	0.0	2.2
130	85.9	67.9	101.9



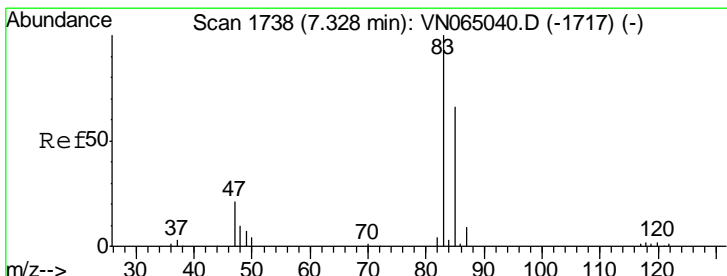
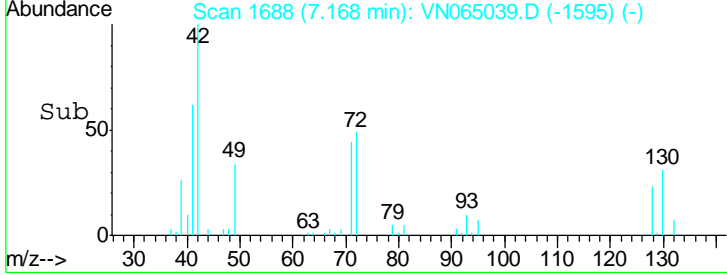
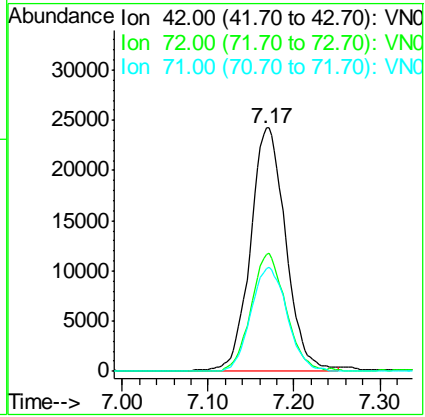
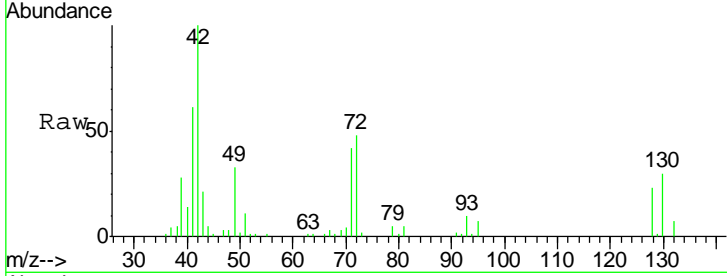


#29  
 Tetrahydrofuran  
 Concen: 77.480 ug/l  
 RT: 7.17 min Scan# 1688  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

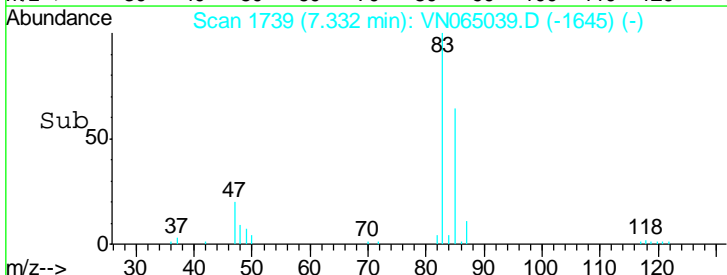
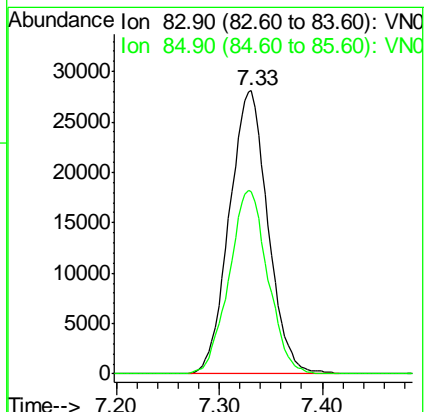
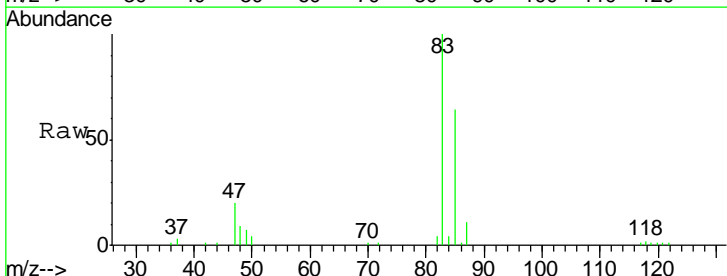
Tgt Ion	Resp	Lower	Upper
42	100		
72	47.3	35.8	53.6
71	43.4	33.5	50.3

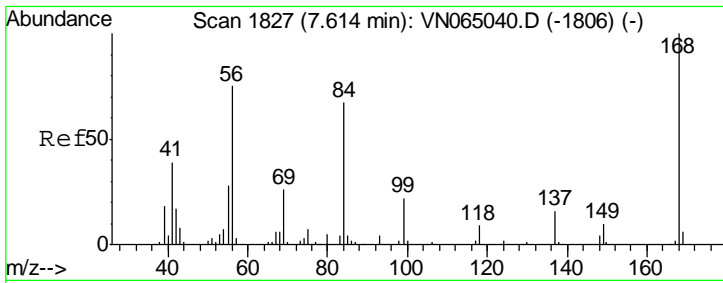
Manual Integrations APPROVED  
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#30  
 Chloroform  
 Concen: 17.235 ug/l  
 RT: 7.33 min Scan# 1739  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.3	52.6	78.8



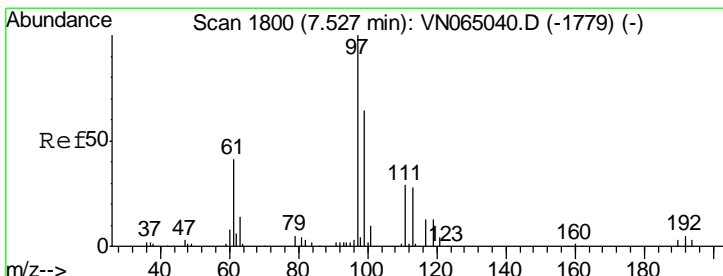
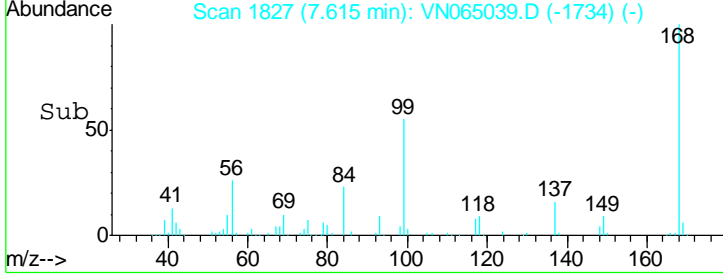
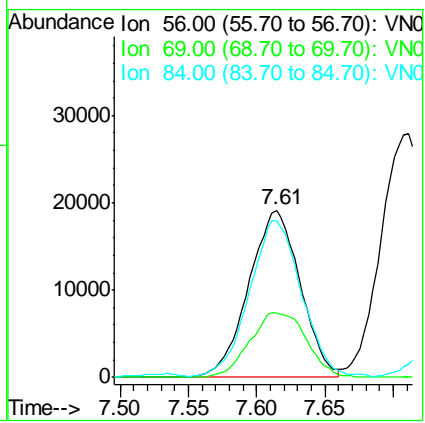
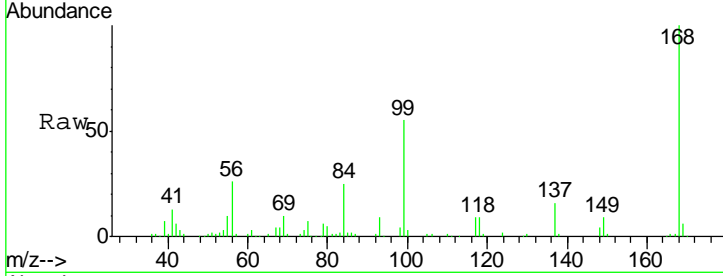


#31  
 Cyclohexane  
 Concen: 14.743 ug/l  
 RT: 7.61 min Scan# 1827  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC020

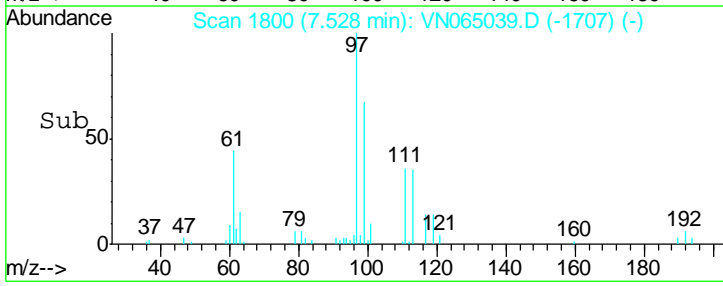
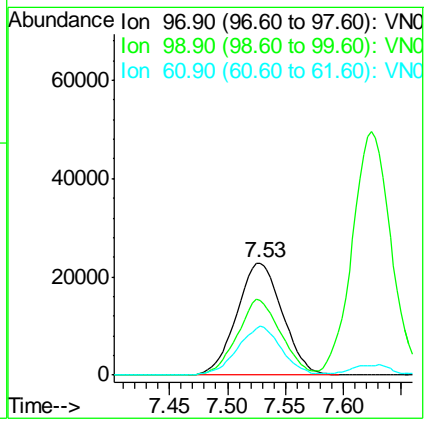
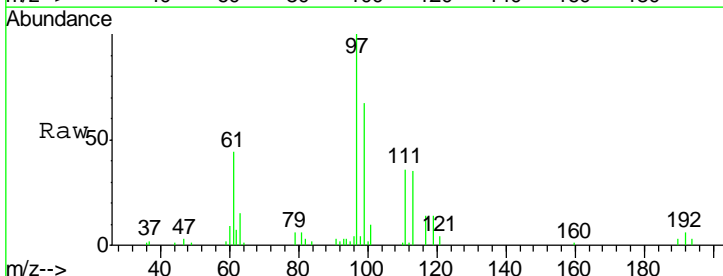
Tgt Ion	Resp	Lower	Upper
56	100		
69	38.4	27.5	41.3
84	93.5	72.4	108.6

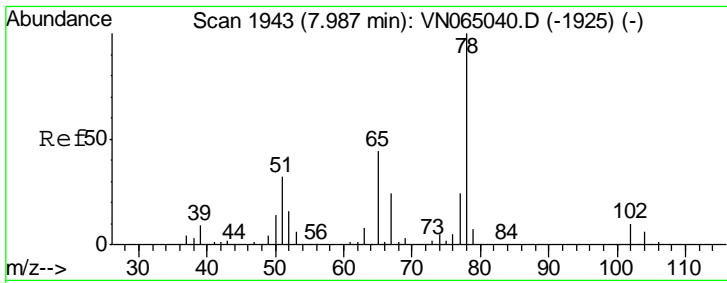
Manual Integrations  
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#32  
 1,1,1-Trichloroethane  
 Concen: 17.225 ug/l  
 RT: 7.53 min Scan# 1800  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	41.9	33.5	50.3





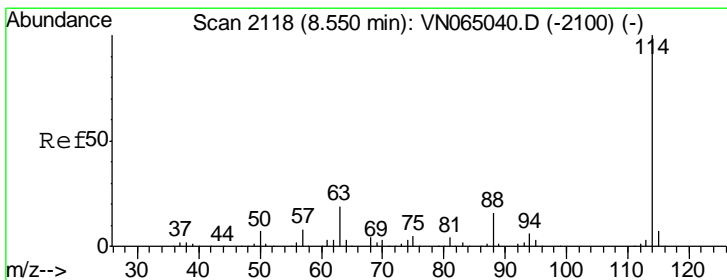
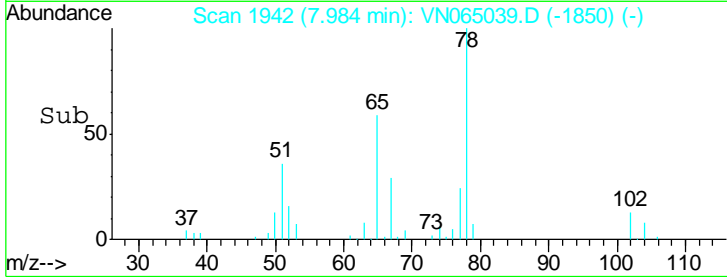
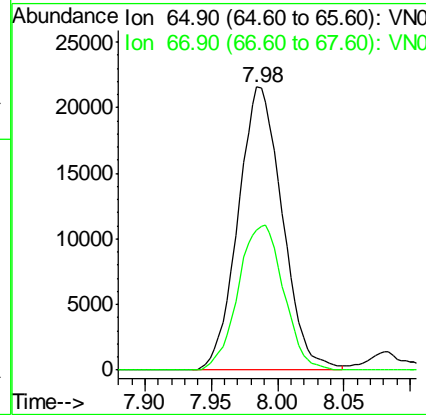
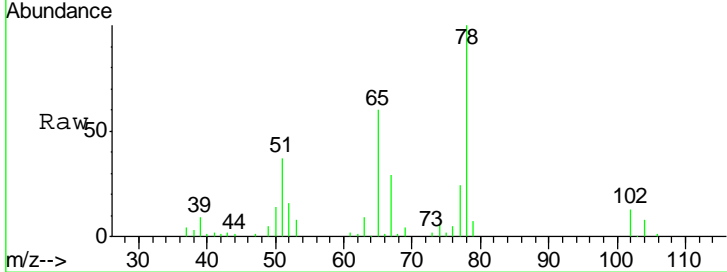
#33  
 1,2-Dichloroethane-d4  
 Concen: 20.007 ug/l  
 RT: 7.98 min Scan# 1942  
 Delta R.T. -0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
65	100		
67	52.4	0.0	108.4

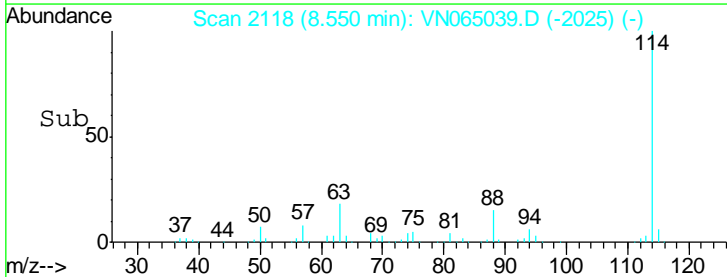
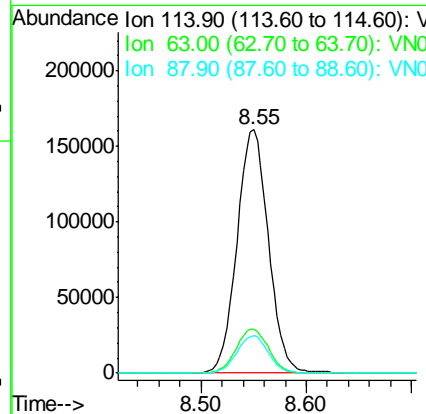
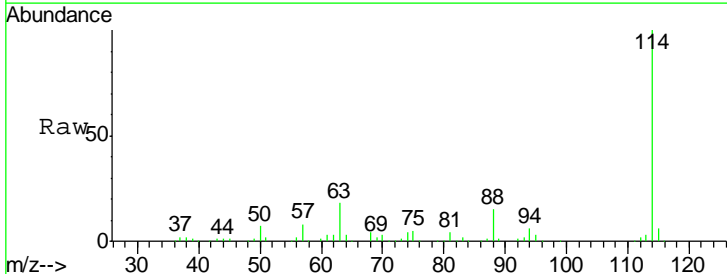
Manual Integrations  
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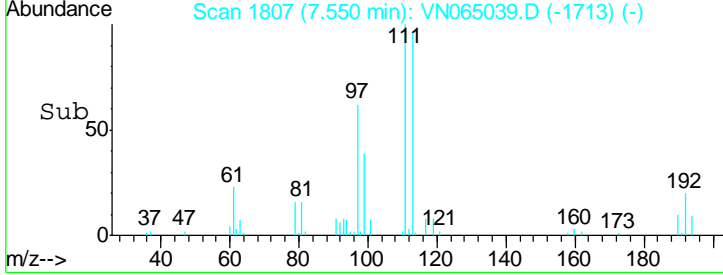
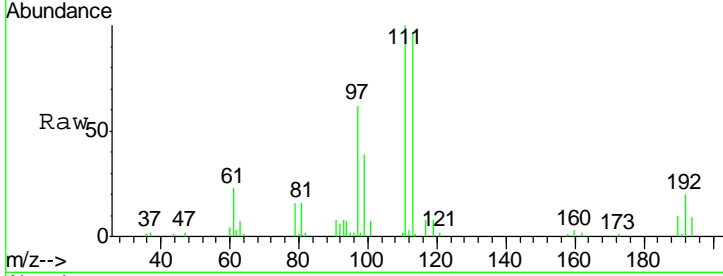
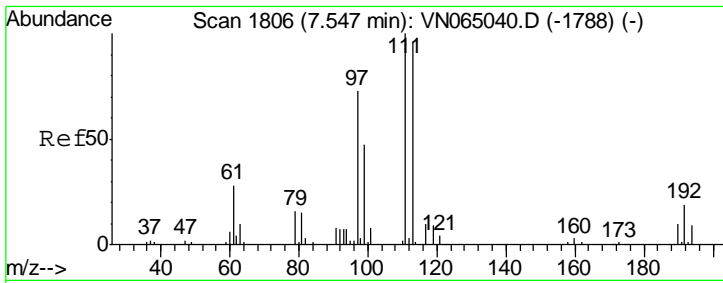
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
114	100		
63	17.9	0.0	38.2
88	15.4	0.0	31.6



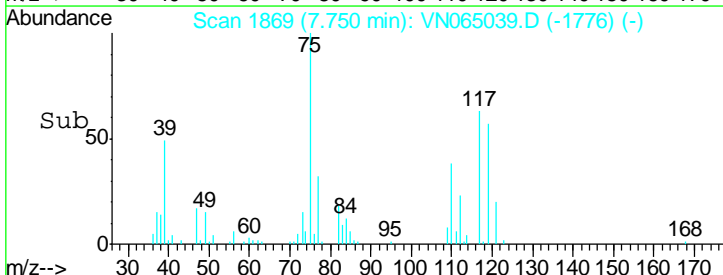
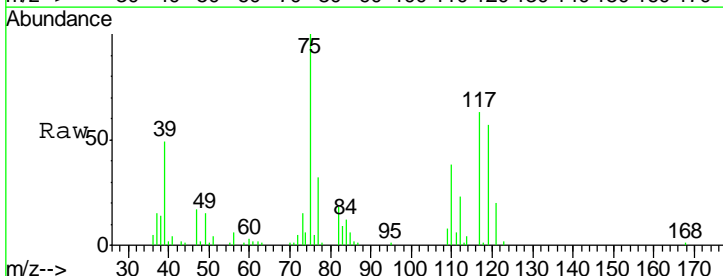
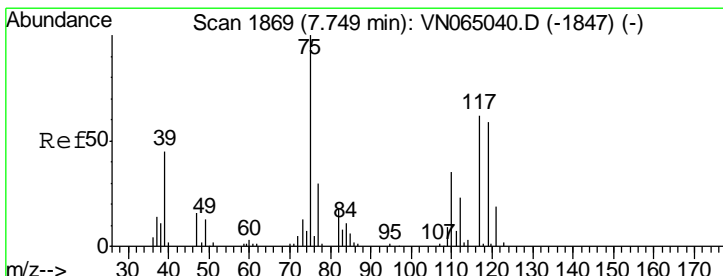
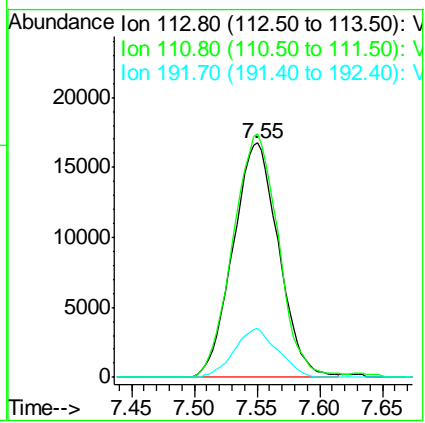


#35  
 Dibromofluoromethane  
 Concen: 20.976 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
113	42410		
113	100		
111	103.4	83.4	125.0
192	19.9	16.2	24.2

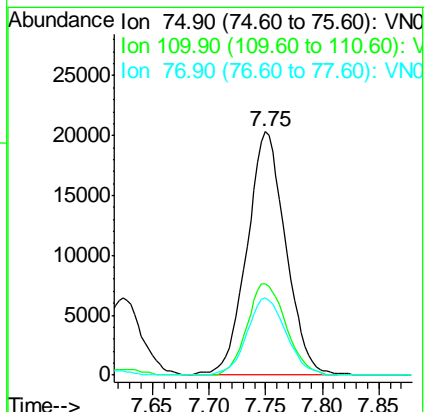
Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

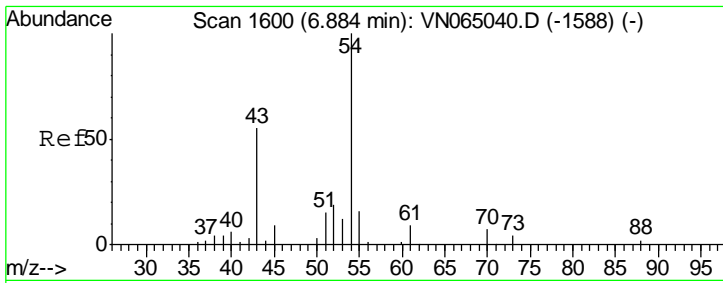
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#36  
 1,1-Dichloropropene  
 Concen: 15.811 ug/l  
 RT: 7.75 min Scan# 1869  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
75	48330		
75	100		
110	37.6	18.1	54.1
77	31.9	24.5	36.7



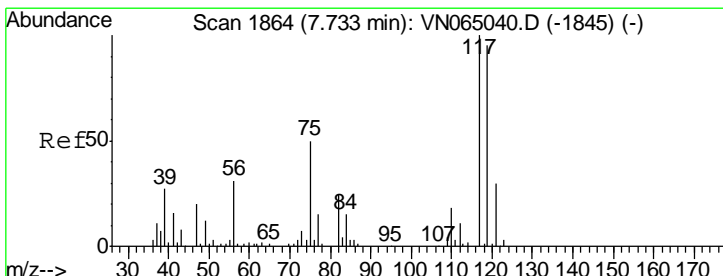
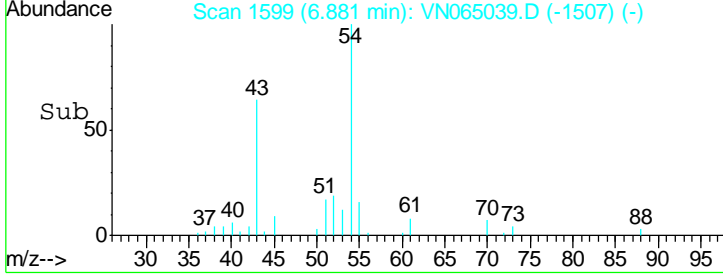
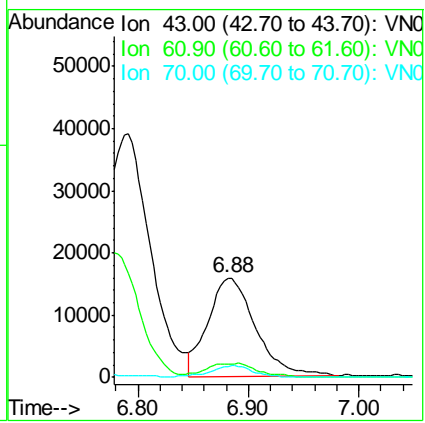
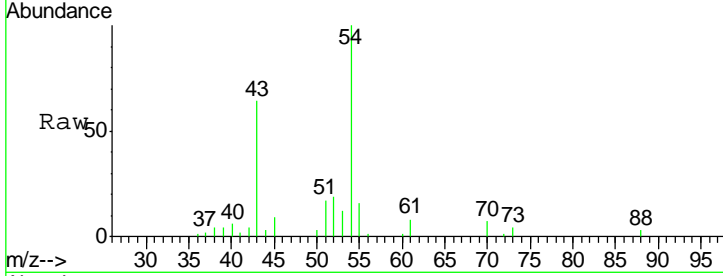


#37  
 Ethyl Acetate  
 Concen: 16.191 ug/l  
 RT: 6.88 min Scan# 1599  
 Delta R.T. -0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC020

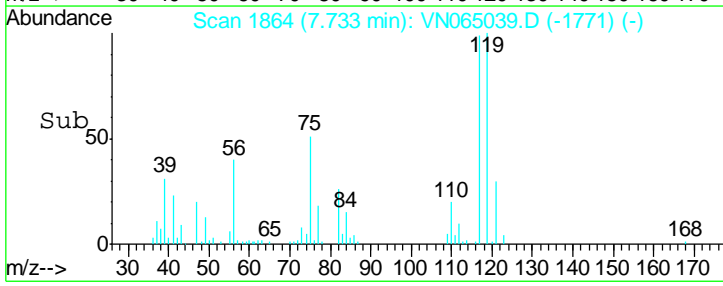
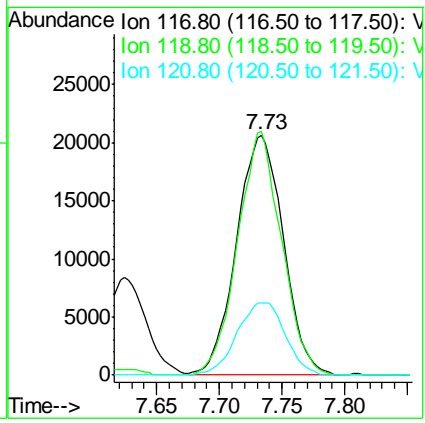
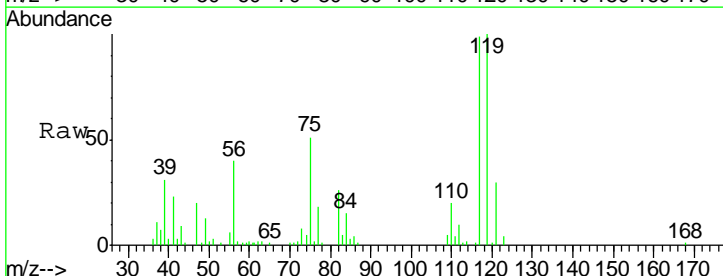
Tgt Ion	Resp	Lower	Upper
43	100		
61	4.6	11.9	17.9#
70	10.7	9.2	13.8

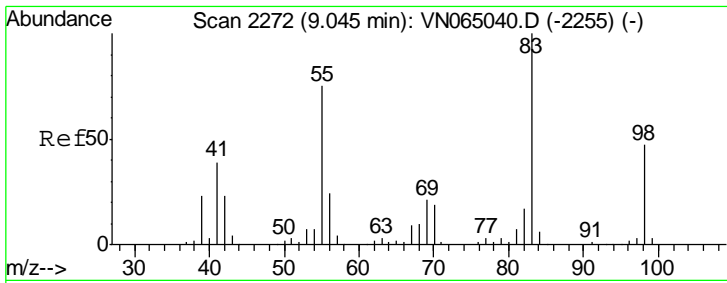
**Manual Integrations**  
**APPROVED**  
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#38  
 Carbon Tetrachloride  
 Concen: 16.834 ug/l  
 RT: 7.73 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
117	100		
119	101.5	75.9	113.9
121	30.0	24.1	36.1





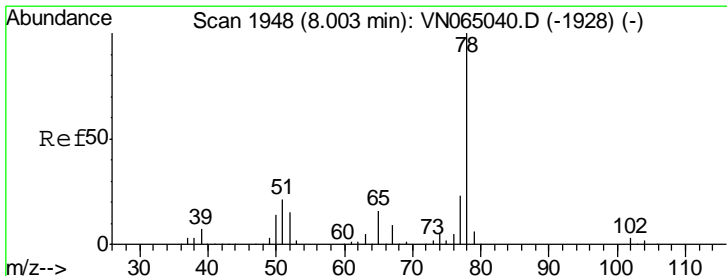
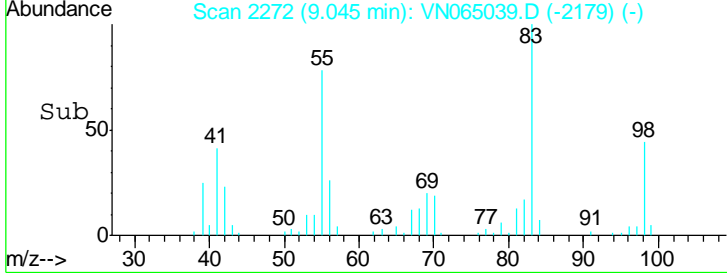
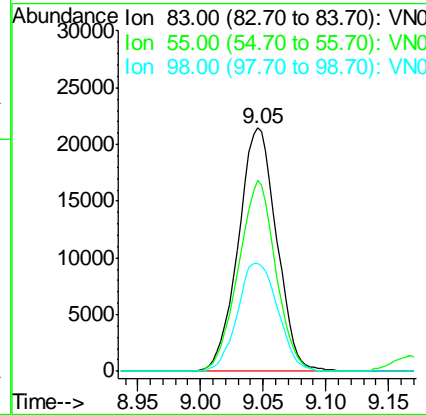
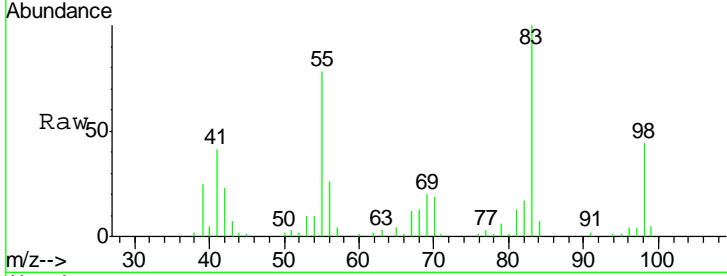
#39  
 Methylcyclohexane  
 Concen: 14.071 ug/l  
 RT: 9.05 min Scan# 2272  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
83	100		
55	78.5	60.3	90.5
98	44.5	37.4	56.0

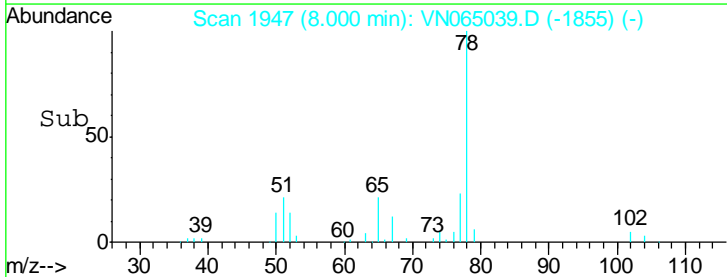
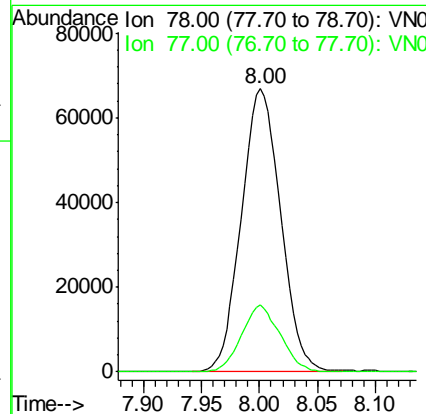
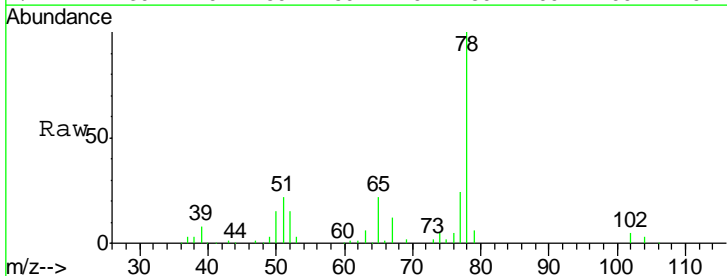
Manual Integrations  
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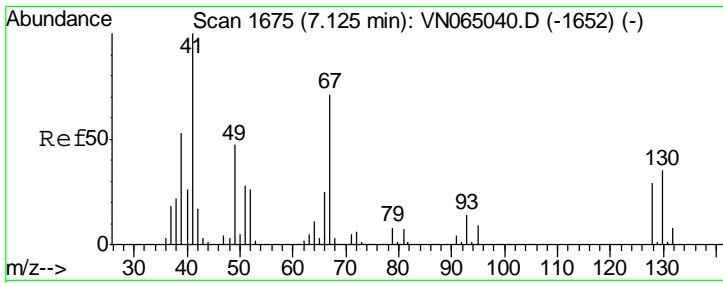


#40  
 Benzene  
 Concen: 16.878 ug/l  
 RT: 8.00 min Scan# 1947  
 Delta R.T. -0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
78	100		
77	23.5	18.7	28.1







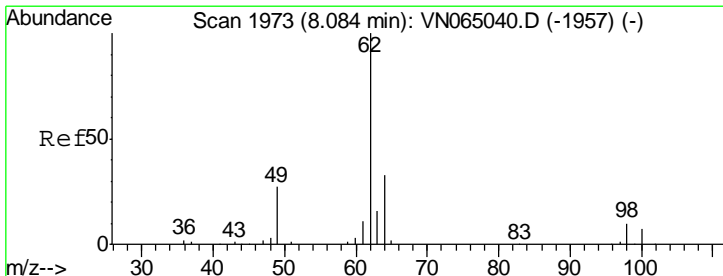
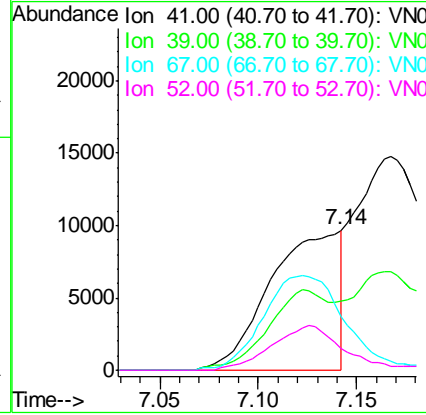
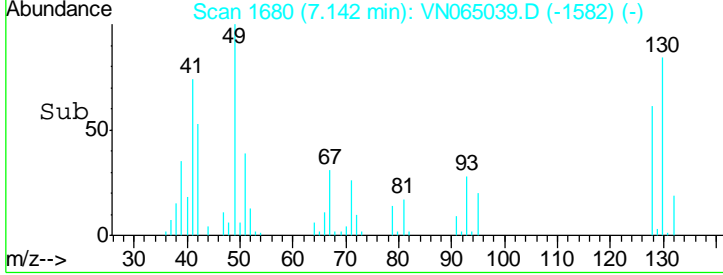
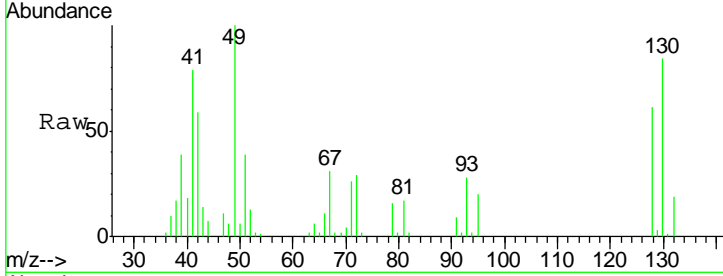
#41  
 Methacrylonitrile  
 Concen: 17.044 ug/l m  
 RT: 7.14 min Scan# 1680  
 Delta R.T. 0.02 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VN065039.D  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
41	100		
39	73.8	36.0	54.0#
67	0.0	64.8	97.2#
52	0.0	25.4	38.2#

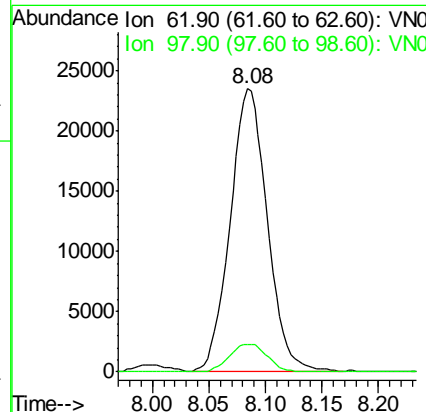
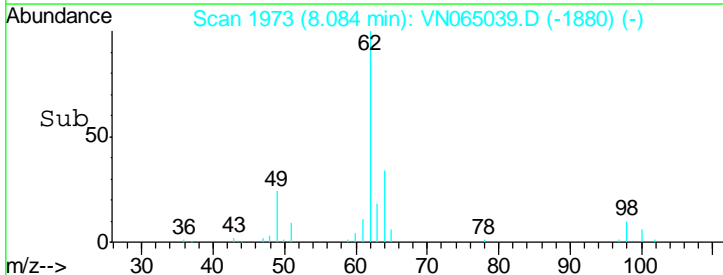
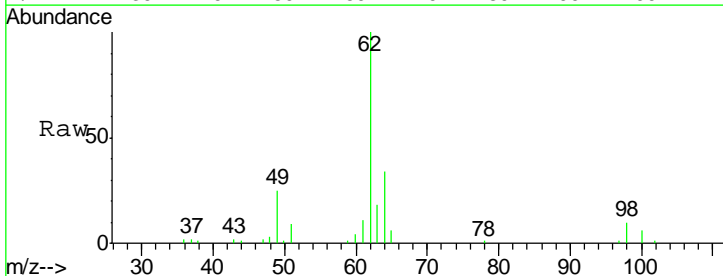
Manual Integrations  
 APPROVED

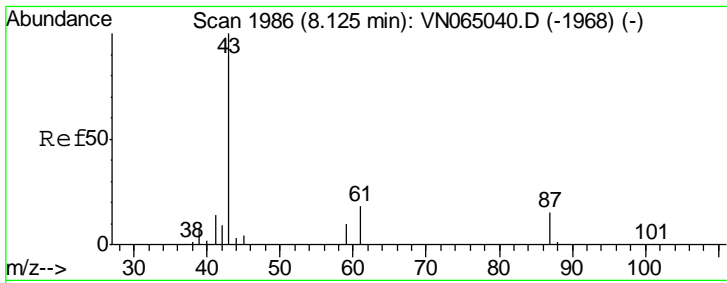
MMDadoda  
 12/11/2020 12:32:18 PM



#42  
 1,2-Dichloroethane  
 Concen: 16.983 ug/l  
 RT: 8.08 min Scan# 1973  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
62	100		
98	9.9	0.0	19.8





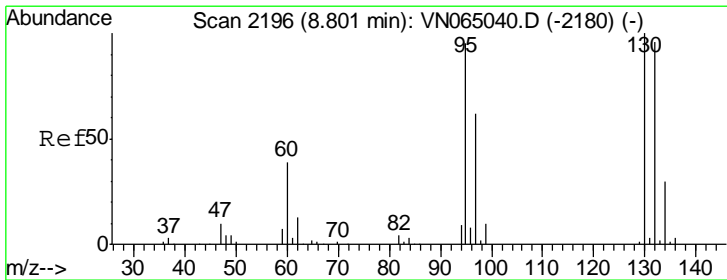
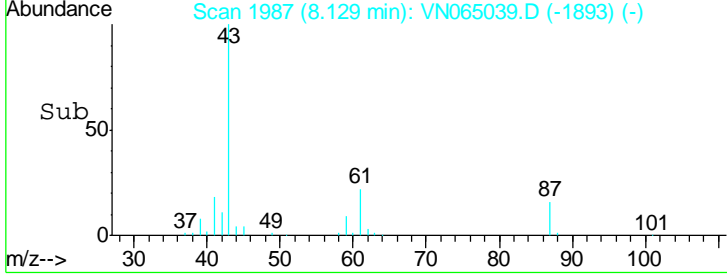
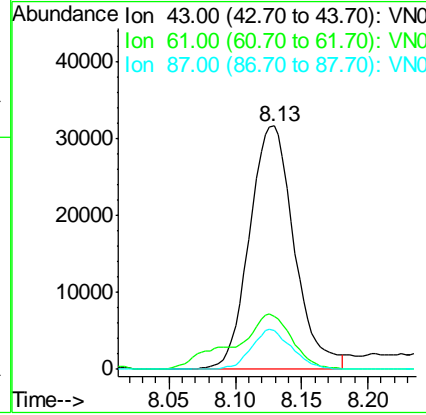
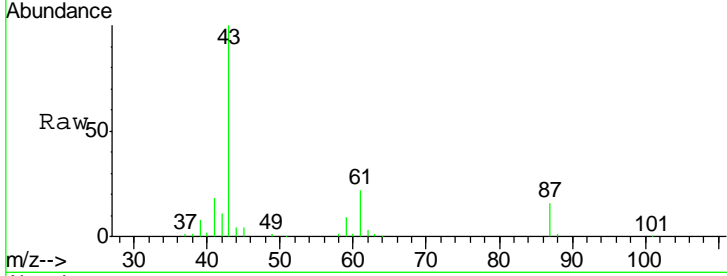
#43  
 Isopropyl Acetate  
 Concen: 15.839 ug/l  
 RT: 8.13 min Scan# 1987  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
43	100		
61	29.2	16.9	25.3#
87	14.7	11.4	17.2

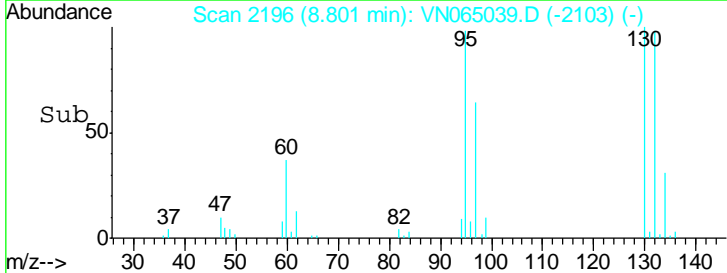
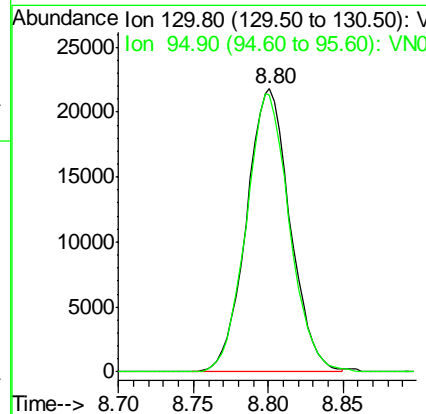
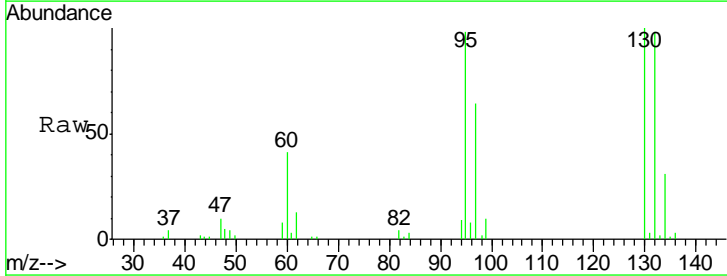
**Manual Integrations**  
**APPROVED**

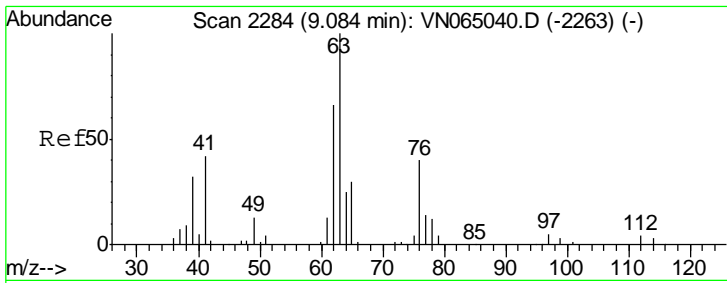
MMDadoda  
 12/11/2020 12:32:18 PM



#44  
 Trichloroethene  
 Concen: 16.064 ug/l  
 RT: 8.80 min Scan# 2196  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
130	100		
95	97.9	0.0	190.2





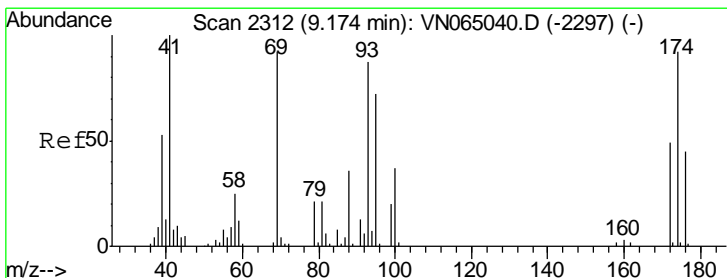
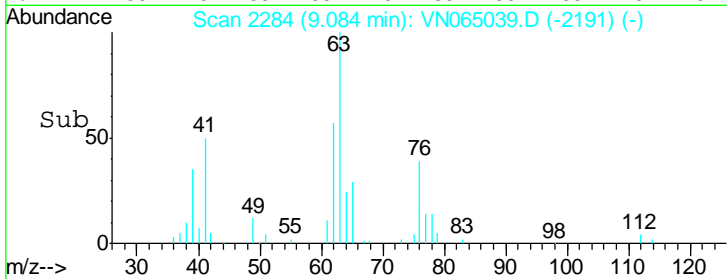
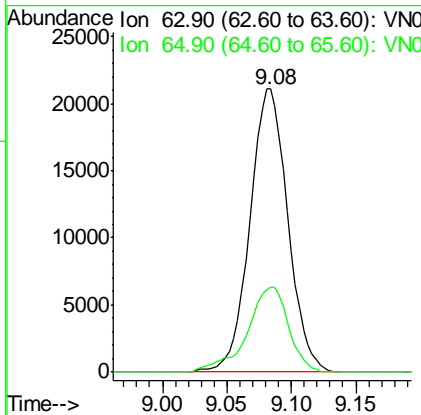
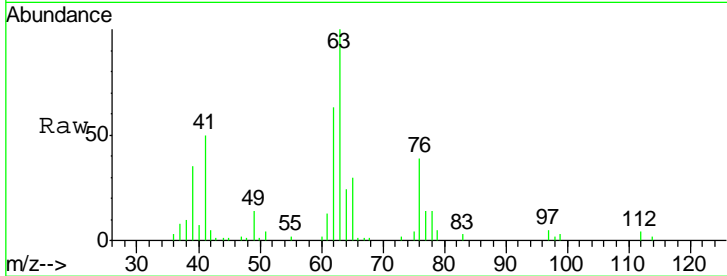
#45  
 1,2-Dichloropropane  
 Concen: 17.695 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
63	100		
65	29.9	24.0	36.0

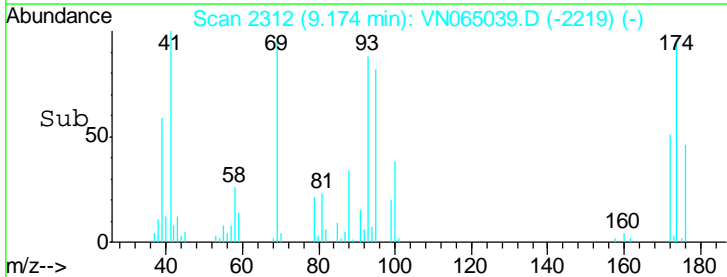
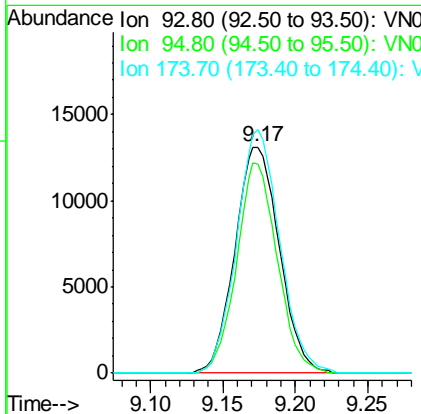
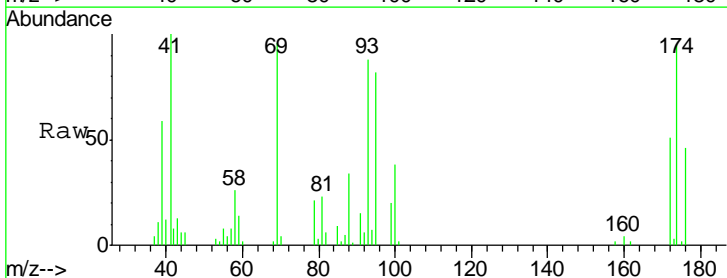
Manual Integrations  
 APPROVED

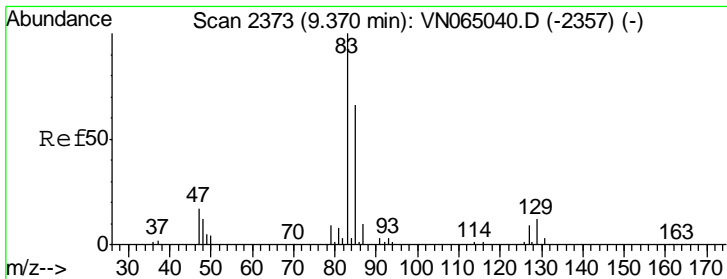
MMDadoda  
 12/11/2020 12:32:18 PM



#46  
 Dibromomethane  
 Concen: 17.170 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
93	100		
95	84.8	65.7	98.5
174	104.5	83.0	124.4





#47

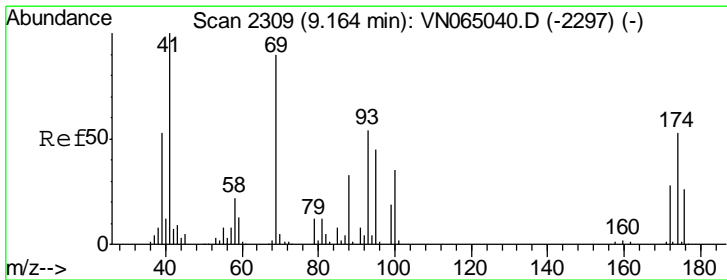
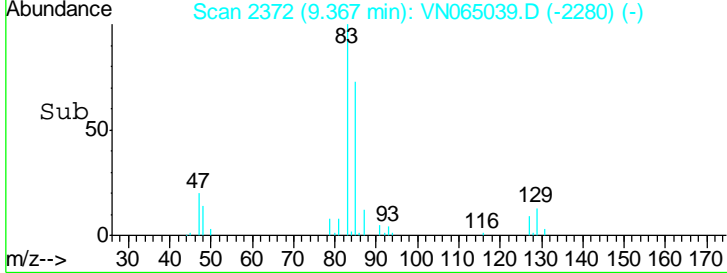
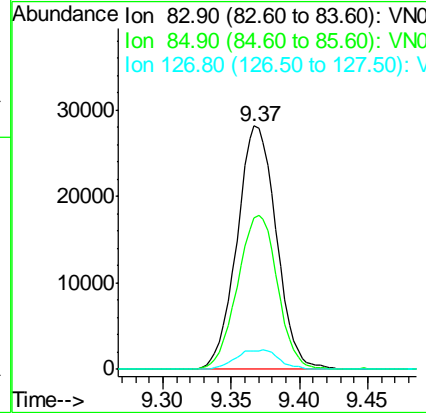
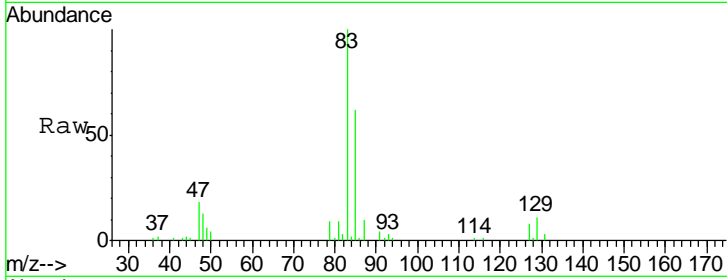
Bromodichloromethane  
 Concen: 17.218 ug/l  
 RT: 9.37 min Scan# 2372  
 Delta R.T. -0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
83	100		
85	62.2	52.5	78.7
127	7.7	7.1	10.7

Manual Integrations  
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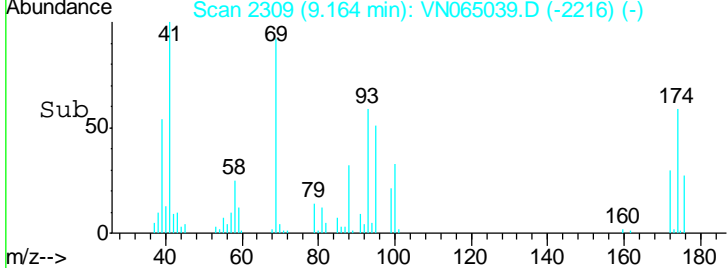
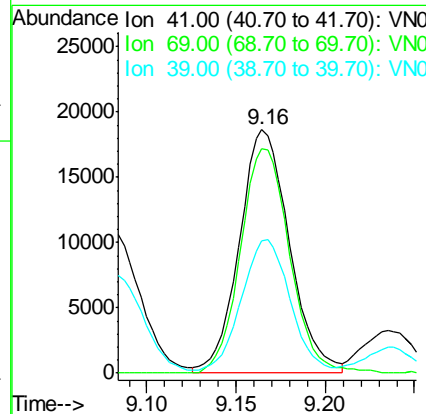
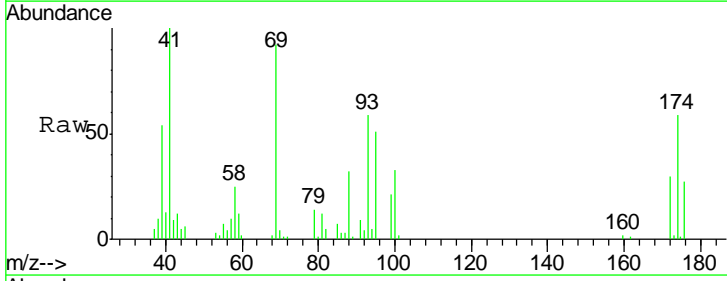
MMDadoda  
 12/11/2020 12:32:18 PM

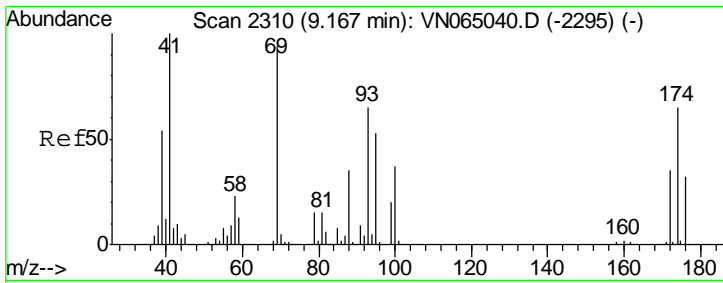


#48

Methyl methacrylate  
 Concen: 16.336 ug/l  
 RT: 9.16 min Scan# 2309  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

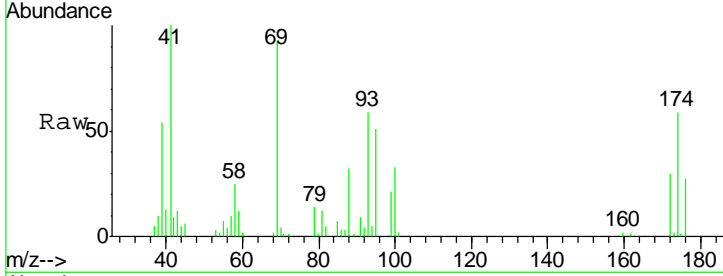
Tgt Ion	Resp	Lower	Upper
41	100		
69	90.5	72.1	108.1
39	54.1	43.8	65.6





#49  
 1,4-Dioxane  
 Concen: 302.534 ug/l  
 RT: 9.16 min Scan# 2309  
 Delta R.T. -0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

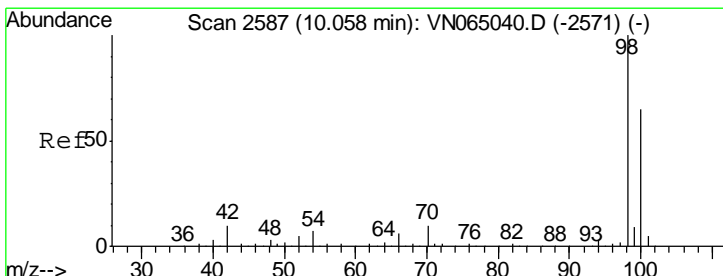
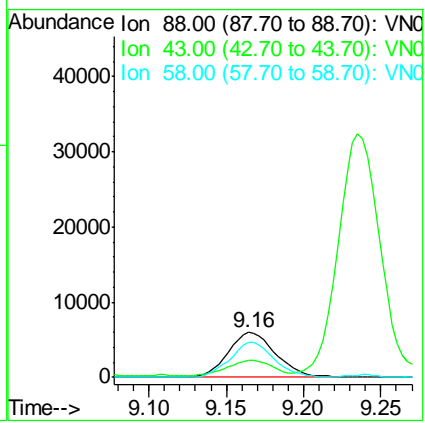
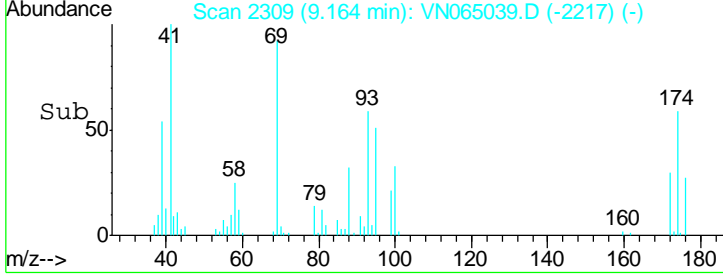
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC020



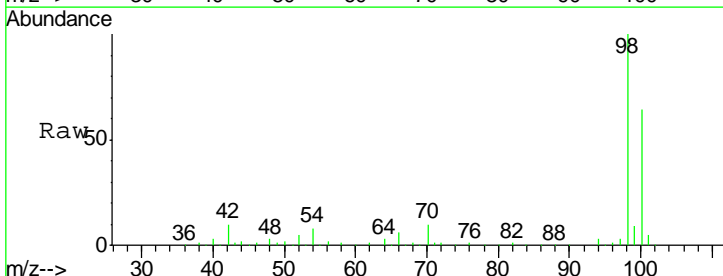
Tgt Ion: 88 Resp: 12796

Ion	Ratio	Lower	Upper
88	100		
43	34.2	21.1	31.7#
58	72.0	53.8	80.8

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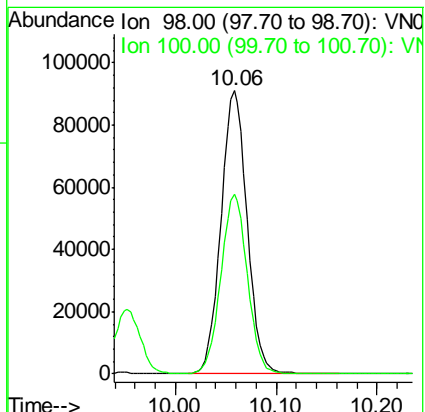
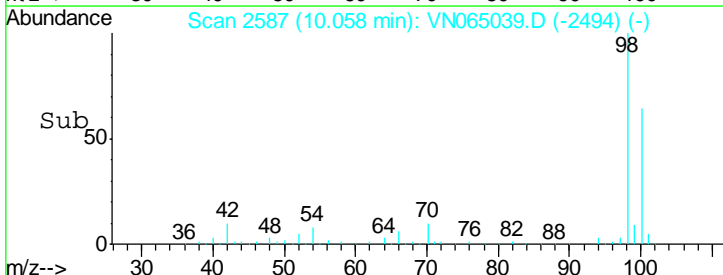


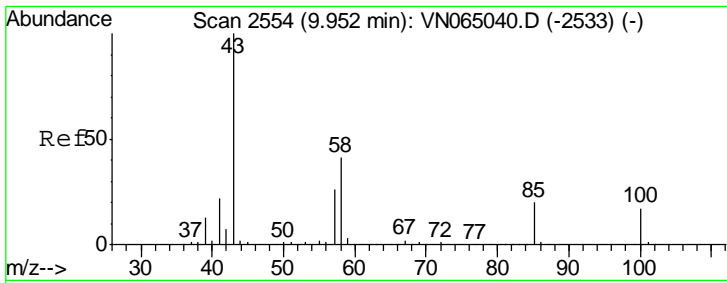
#50  
 Toluene-d8  
 Concen: 20.188 ug/l  
 RT: 10.06 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47



Tgt Ion: 98 Resp: 165062

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





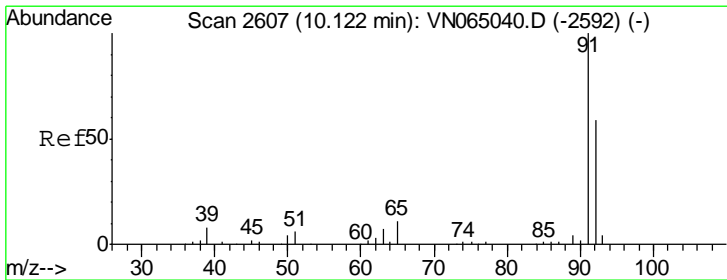
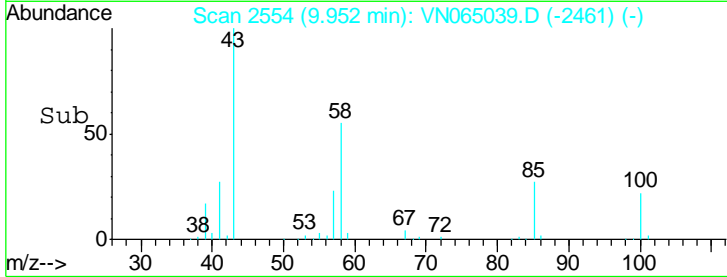
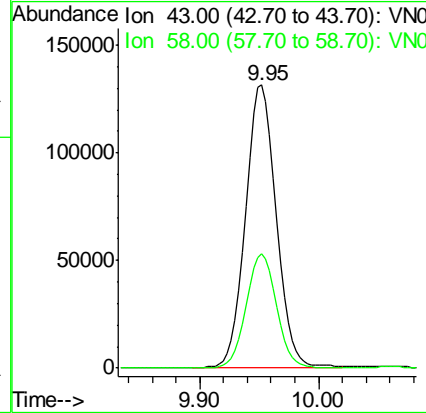
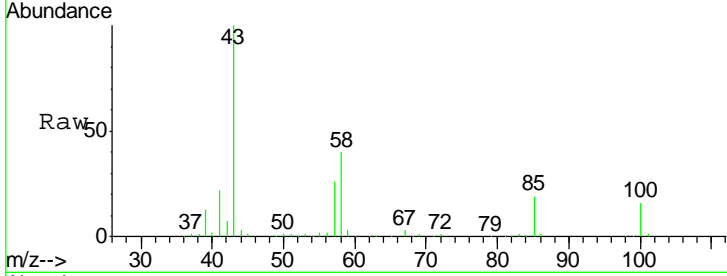
#51  
 4-Methyl-2-Pentanone  
 Concen: 83.466 ug/l  
 RT: 9.95 min Scan# 2554  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.4	48.6

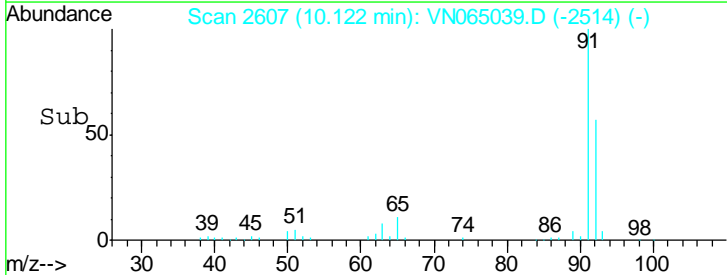
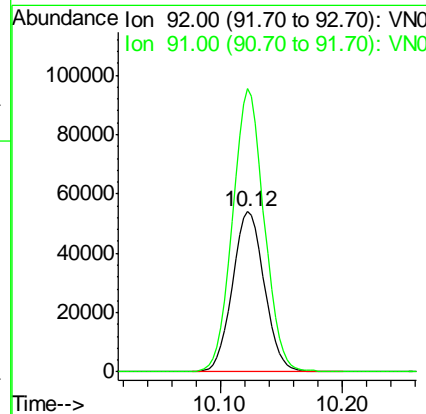
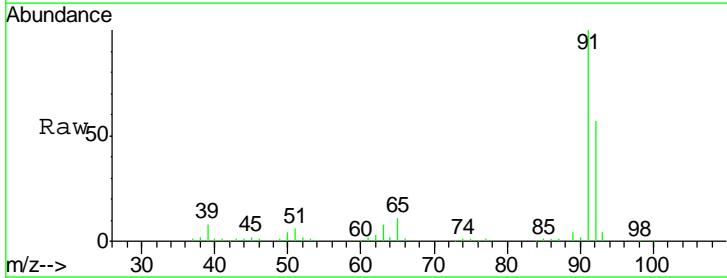
Manual Integrations  
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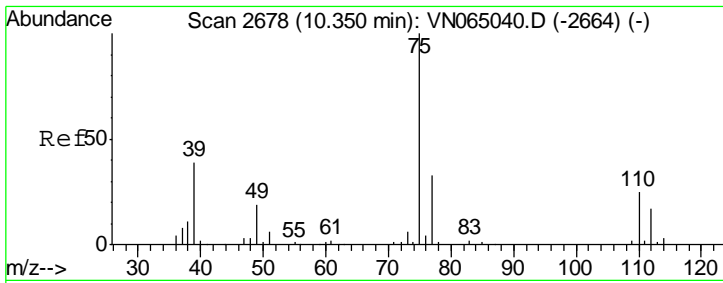
MMDadoda  
 12/11/2020 12:32:18 PM



#52  
 Toluene  
 Concen: 17.064 ug/l  
 RT: 10.12 min Scan# 2607  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.1	137.9	206.9



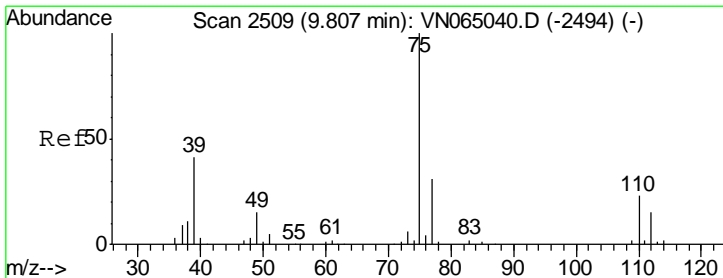
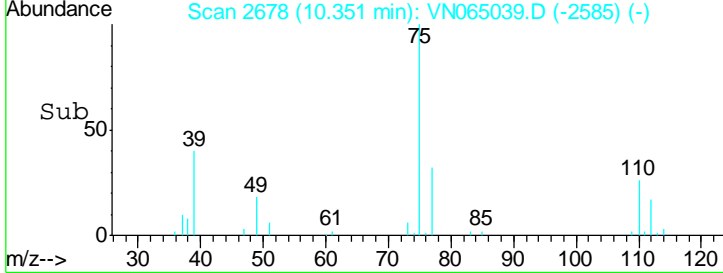
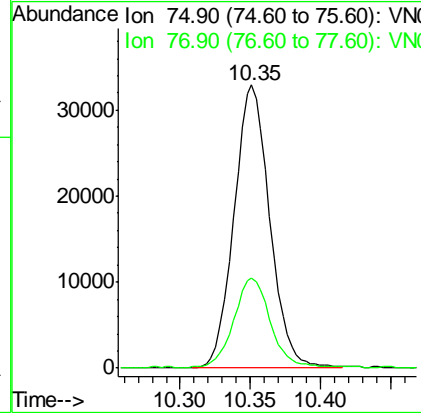
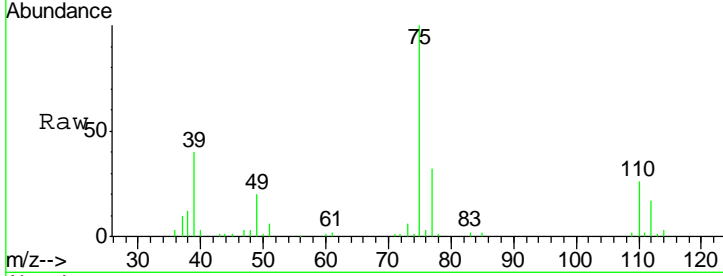


#53  
 t-1,3-Dichloropropene  
 Concen: 16.061 ug/l  
 RT: 10.35 min Scan# 2678  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC020

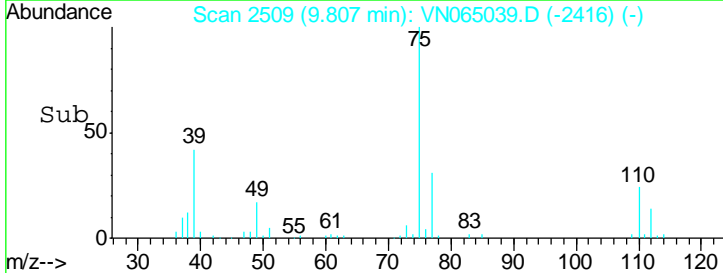
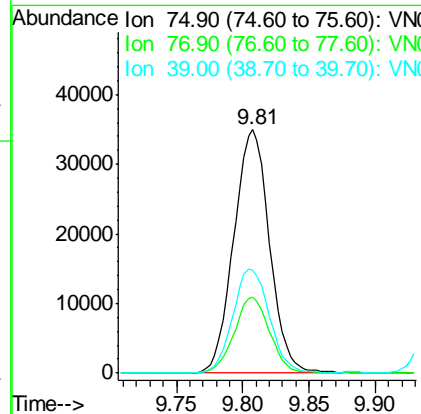
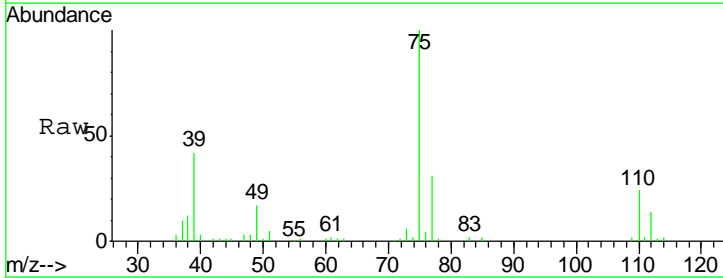
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.6	26.0	39.0

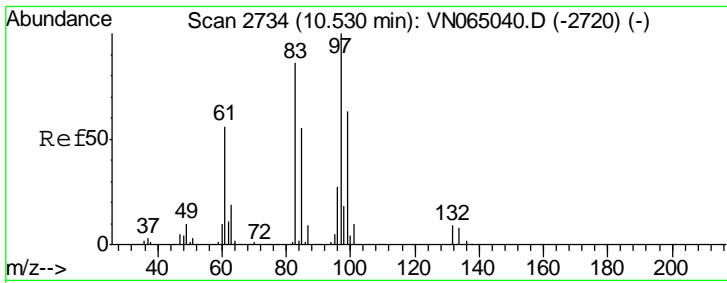
Manual Integrations  
**APPROVED**  
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 12/11/2020 12:32:18 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 16.760 ug/l  
 RT: 9.81 min Scan# 2509  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

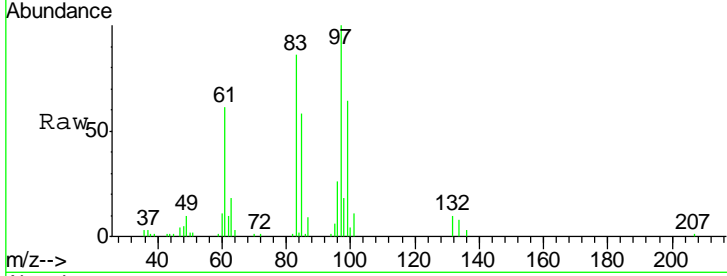
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.3	24.8	37.2
39	42.0	33.0	49.4





#55  
 1,1,2-Trichloroethane  
 Concen: 17.316 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

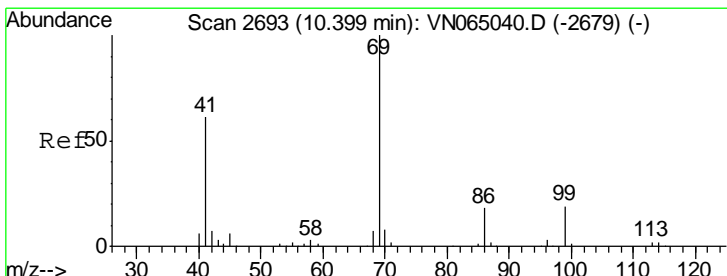
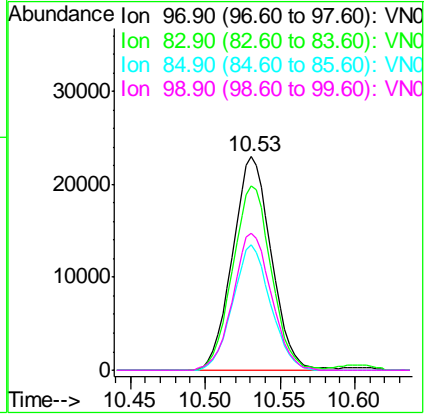
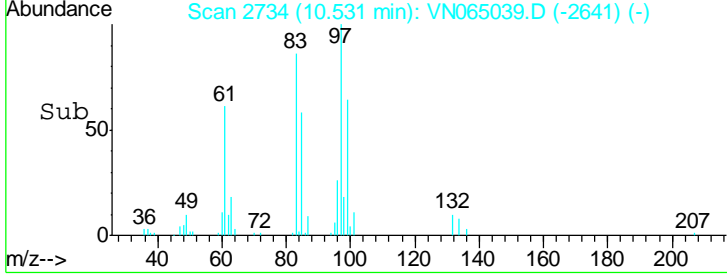
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC020



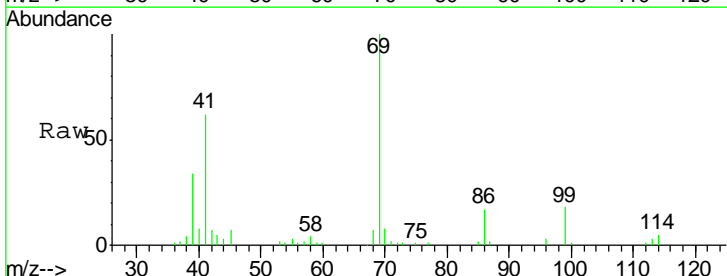
Tgt Ion: 97 Resp: 41465

Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.0	103.6
85	58.4	43.6	65.4
99	63.8	50.1	75.1

Manual Integrations  
**APPROVED**  
 MMDadoda  
 12/11/2020 12:32:18 PM

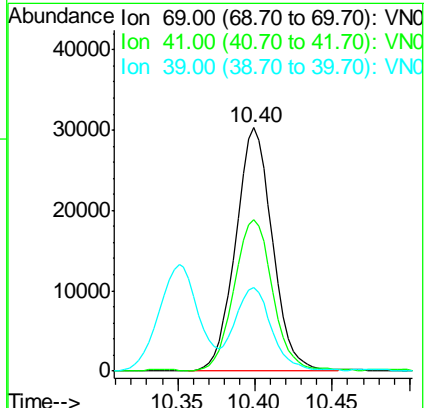
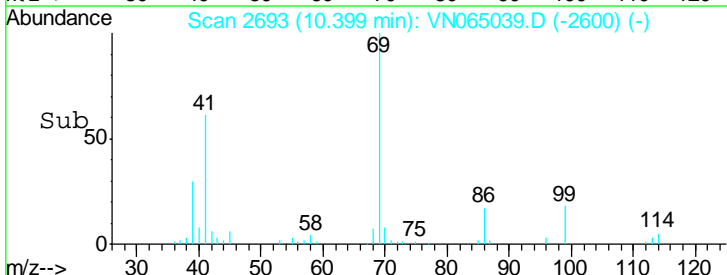


#56  
 Ethyl methacrylate  
 Concen: 15.412 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

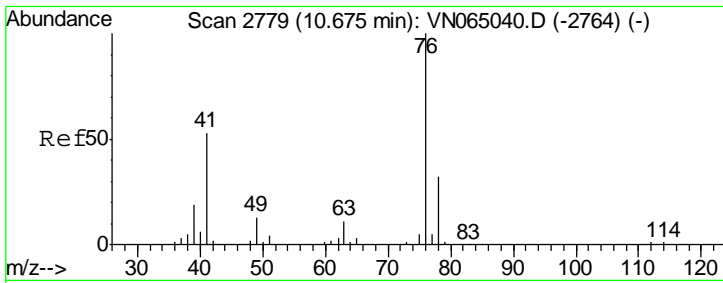


Tgt Ion: 69 Resp: 50038

Ion	Ratio	Lower	Upper
69	100		
41	65.6	48.2	72.2
39	34.9	24.7	37.1





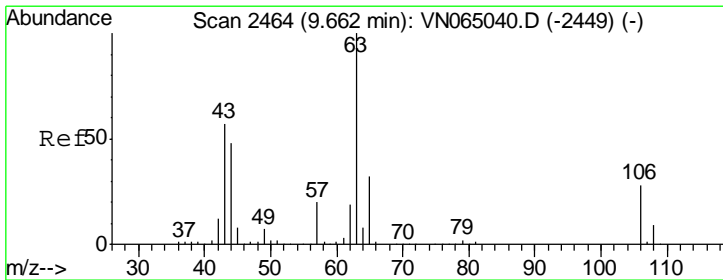
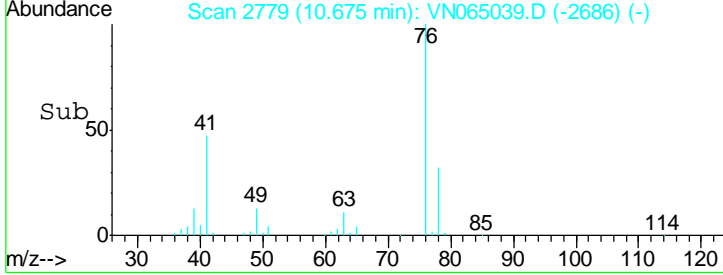
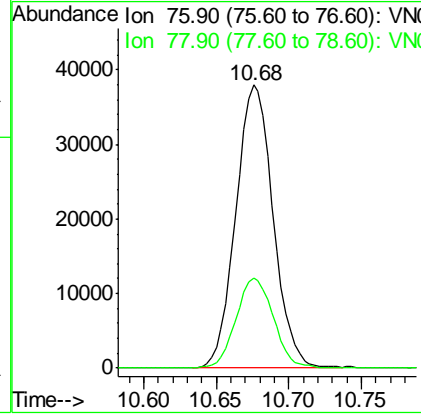
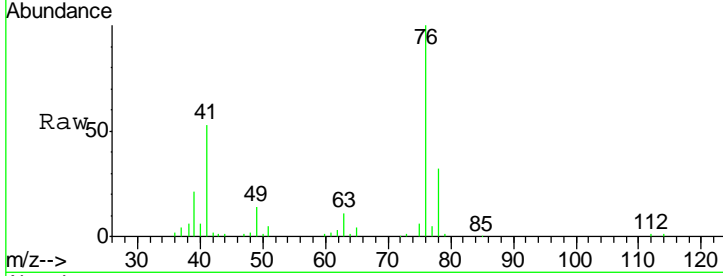


#57  
 1,3-Dichloropropane  
 Concen: 17.330 ug/l  
 RT: 10.68 min Scan# 2779  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

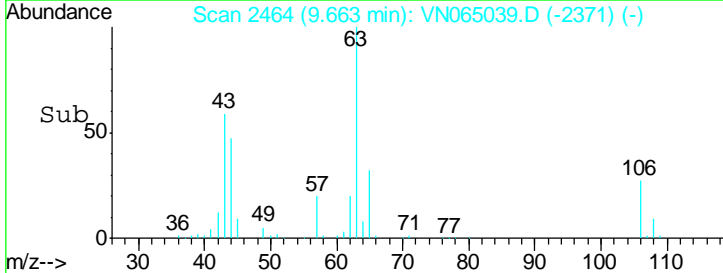
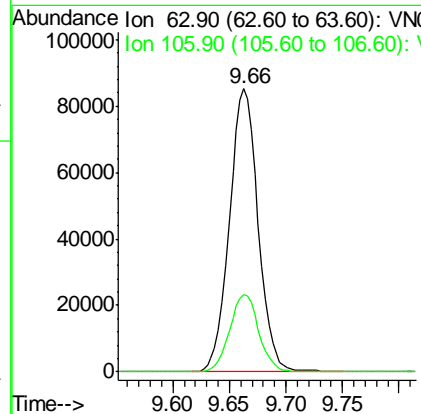
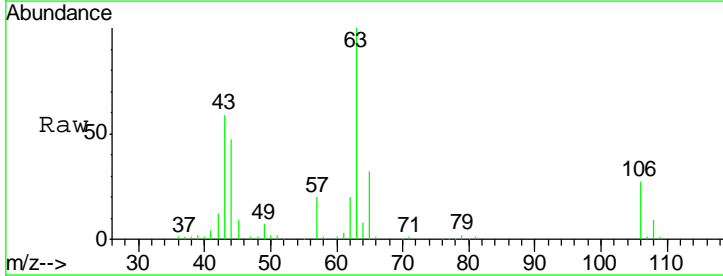
Tgt Ion	Resp	Lower	Upper
76	100		
78	31.8	26.5	39.7

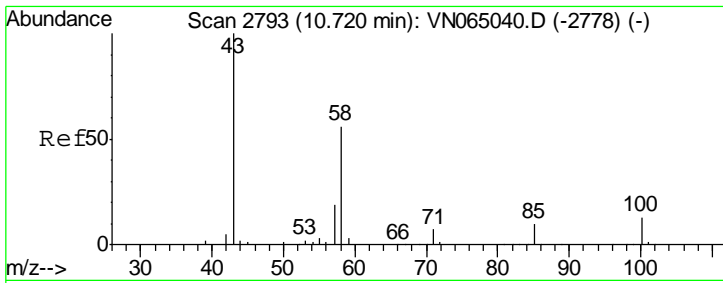
Manual Integrations  
**APPROVED**  
 MMDadoda  
 12/11/2020 12:32:18 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 83.890 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
63	100		
106	27.7	22.6	33.8





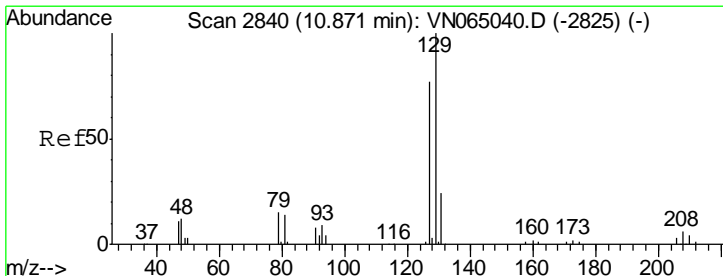
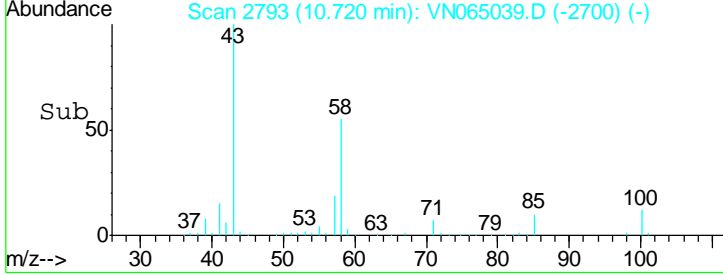
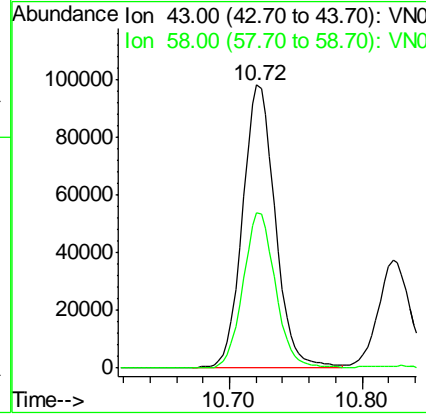
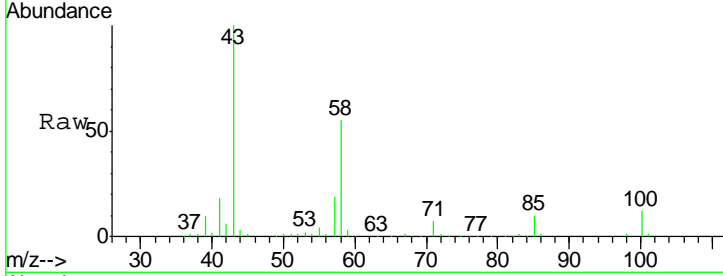
#59  
 2-Hexanone  
 Concen: 82.482 ug/l  
 RT: 10.72 min Scan# 2793  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
43	100		
58	54.7	28.3	84.9

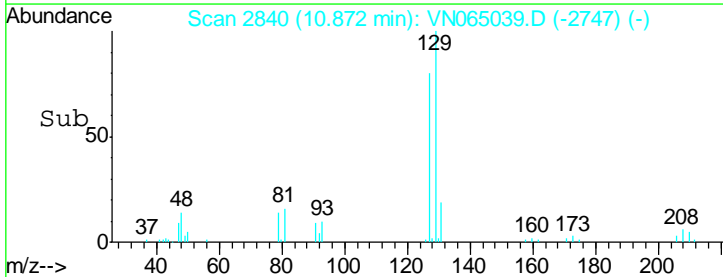
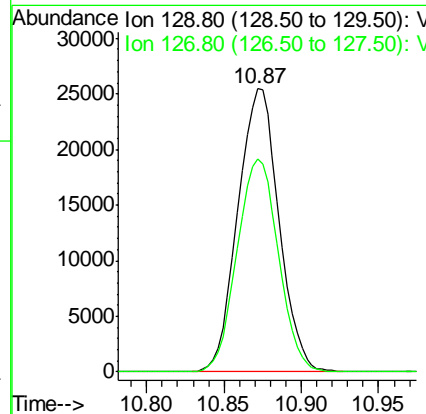
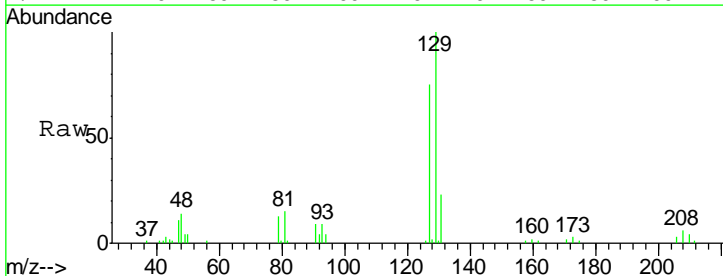
Manual Integrations  
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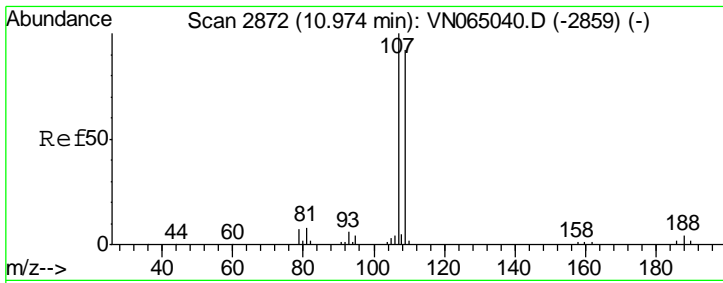
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#60  
 Dibromochloromethane  
 Concen: 17.736 ug/l  
 RT: 10.87 min Scan# 2840  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
129	100		
127	75.6	38.4	115.1



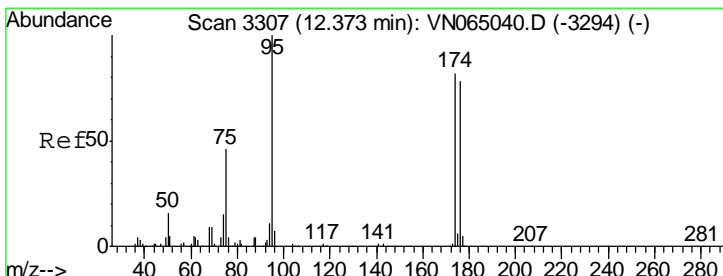
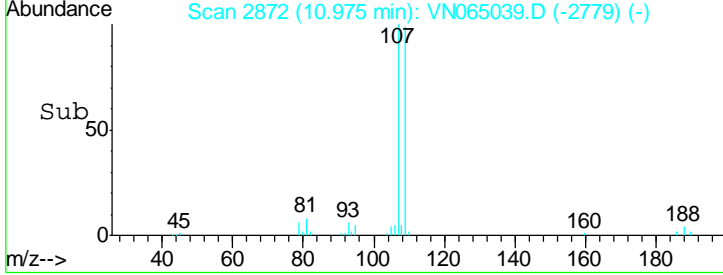
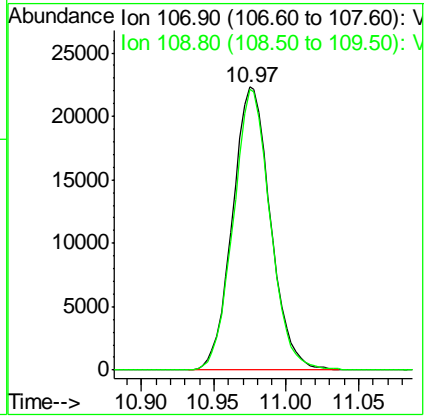
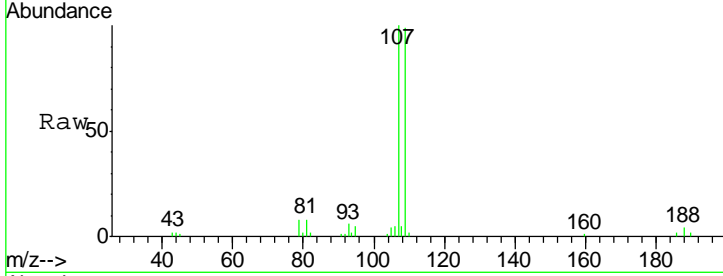


#61  
 1,2-Dibromoethane  
 Concen: 16.774 ug/l  
 RT: 10.97 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

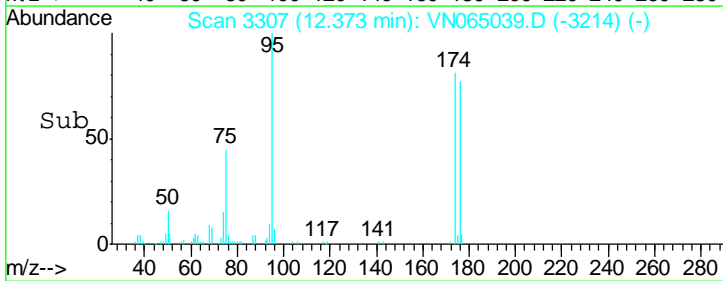
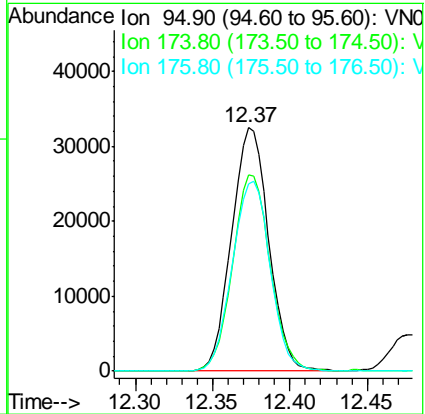
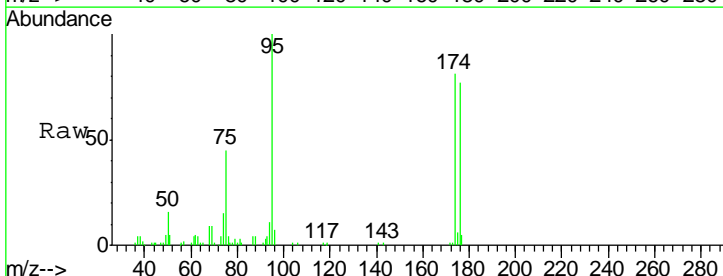
Tgt Ion	Resp	Lower	Upper
107	100		
109	96.5	74.1	111.1

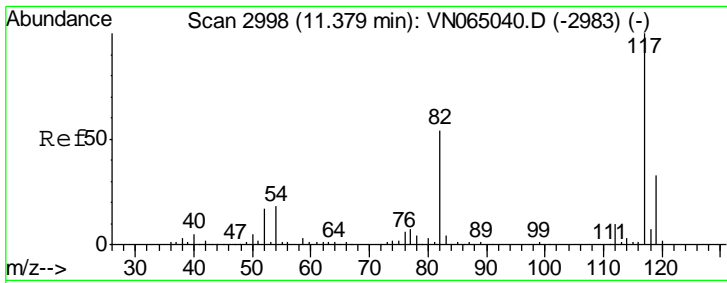
Manual Integrations  
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#62  
 4-Bromofluorobenzene  
 Concen: 18.612 ug/l  
 RT: 12.37 min Scan# 3307  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
95	100		
174	81.4	0.0	164.8
176	79.4	0.0	158.8



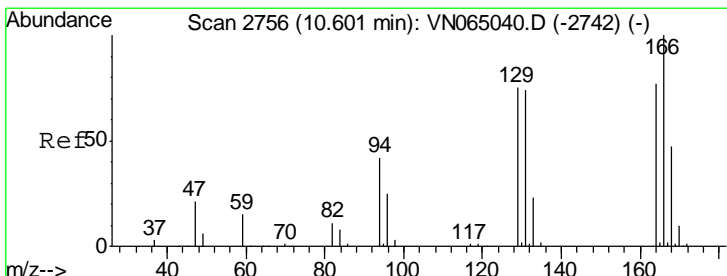
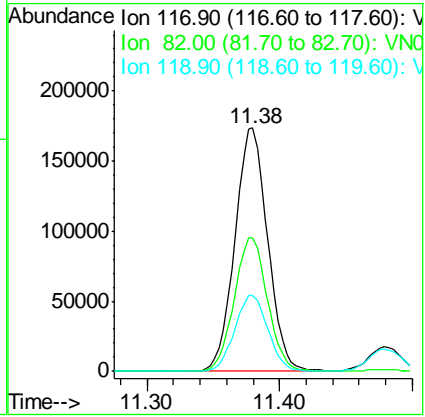
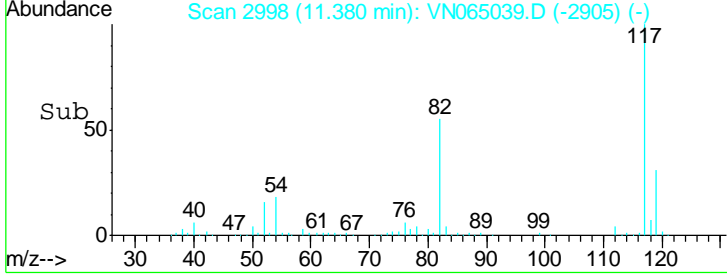
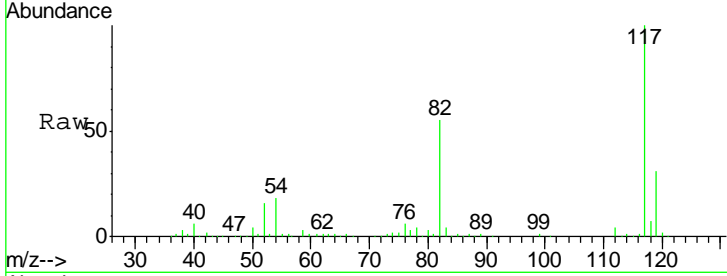


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.38 min Scan# 2998  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

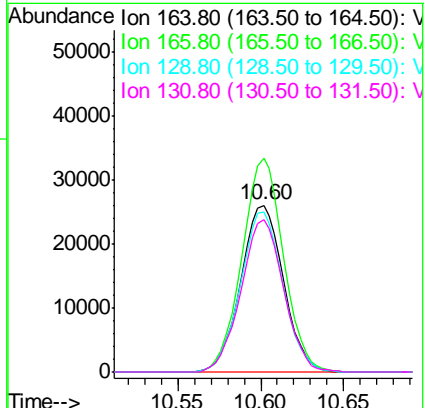
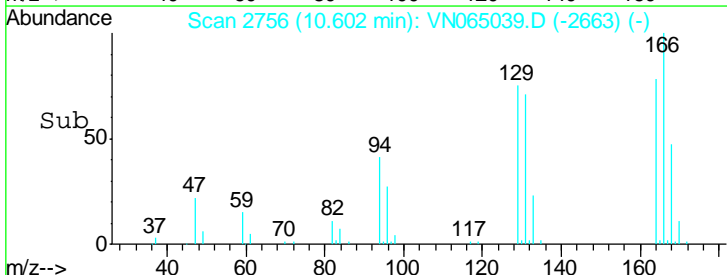
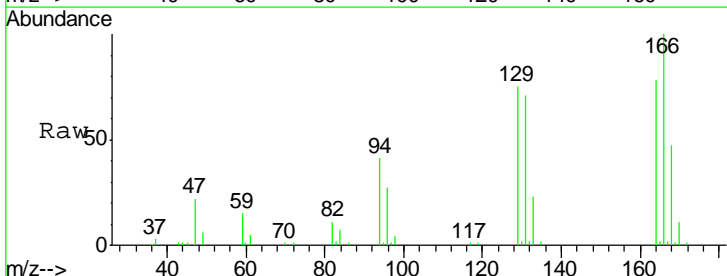
Tgt Ion	Resp	Lower	Upper
117	297905		
82	54.8	43.5	65.3
119	31.1	26.4	39.6

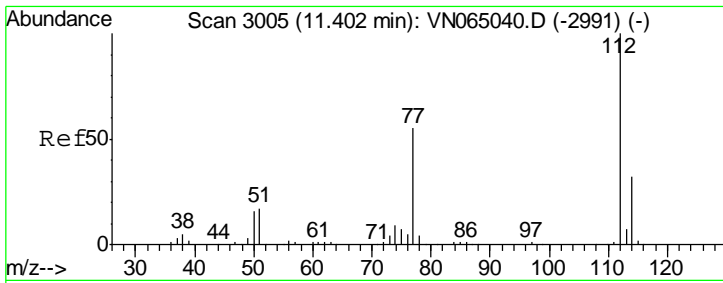
Manual Integrations  
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#64  
 Tetrachloroethene  
 Concen: 16.249 ug/l  
 RT: 10.60 min Scan# 2756  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
164	46507		
166	128.3	103.3	154.9
129	96.1	77.0	115.4
131	91.2	76.1	114.1





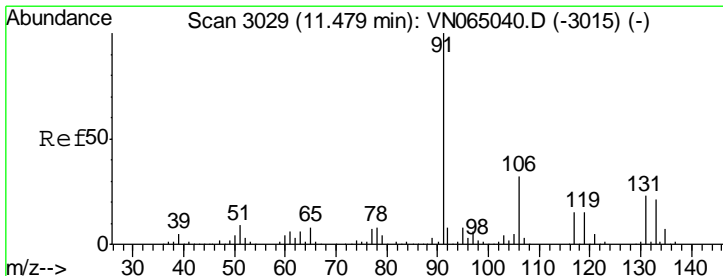
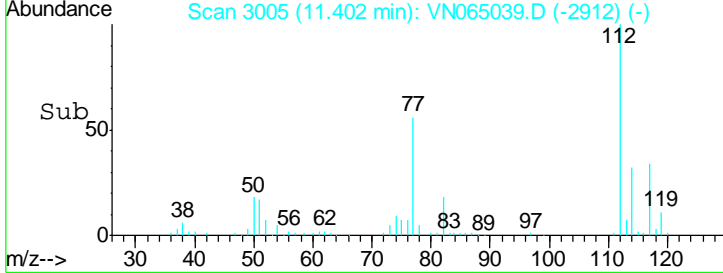
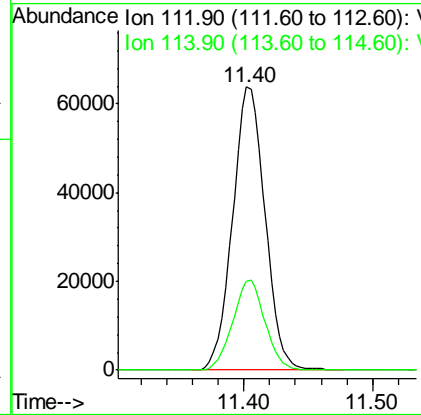
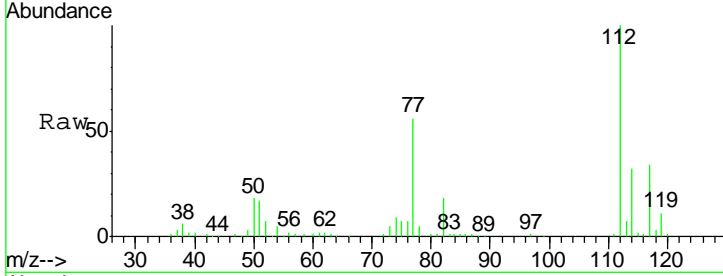
#65  
 Chlorobenzene  
 Concen: 17.346 ug/l  
 RT: 11.40 min Scan# 3005  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
112	100		
114	31.5	25.9	38.9

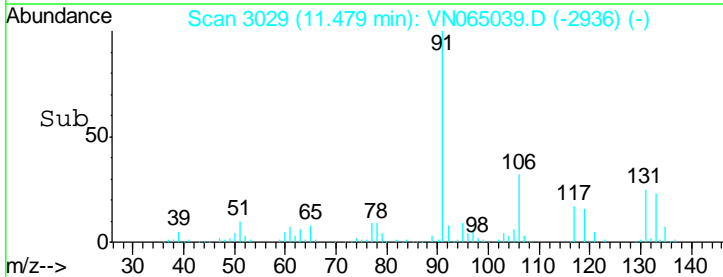
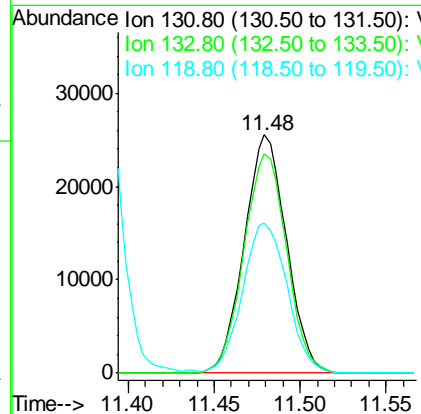
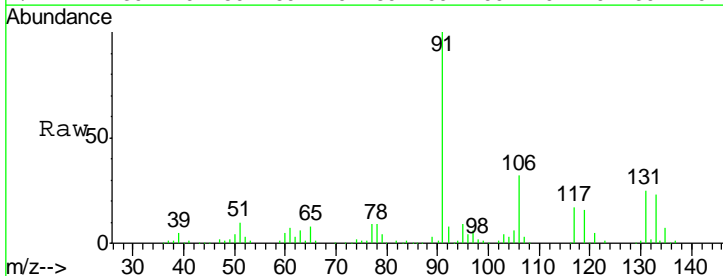
Manual Integrations  
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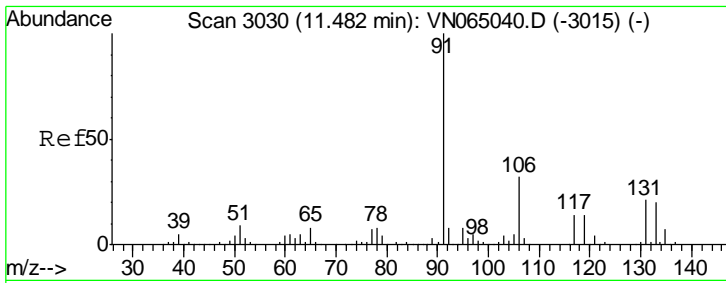
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 18.470 ug/l  
 RT: 11.48 min Scan# 3029  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
131	100		
133	93.2	48.7	146.1
119	66.6	33.2	99.6



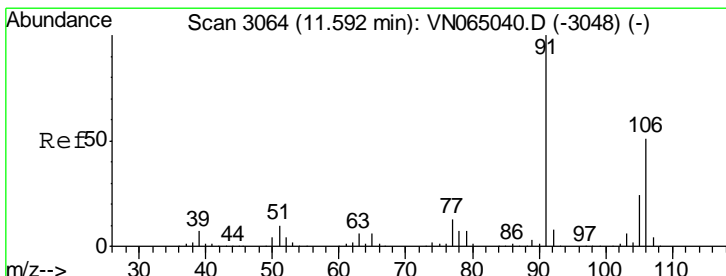
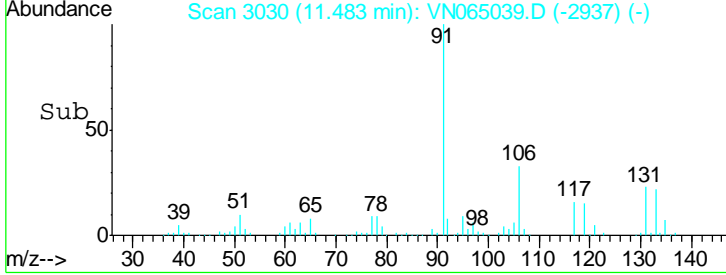
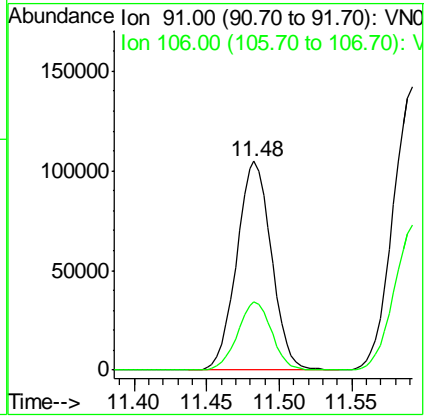
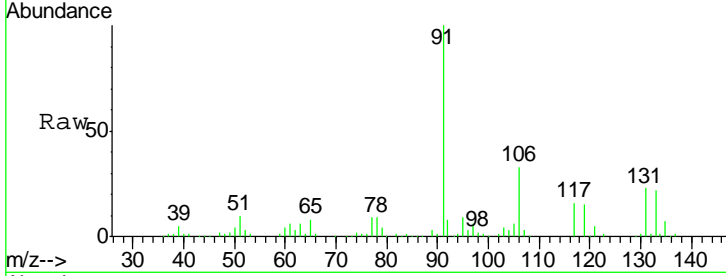


#67  
Ethyl Benzene  
Concen: 16.408 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN065039.D  
Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
ClientSampled : VSTDIC020

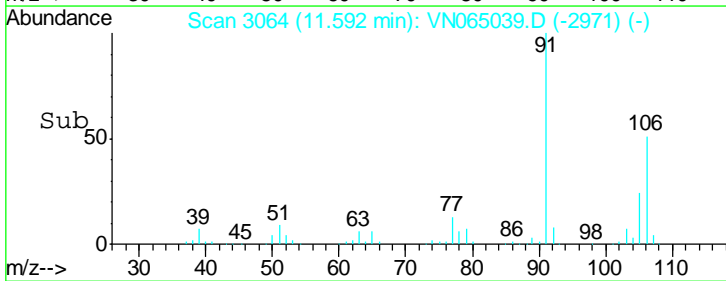
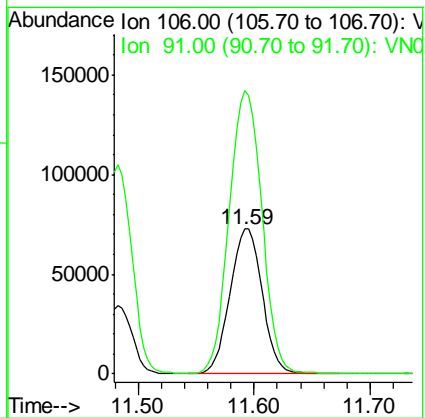
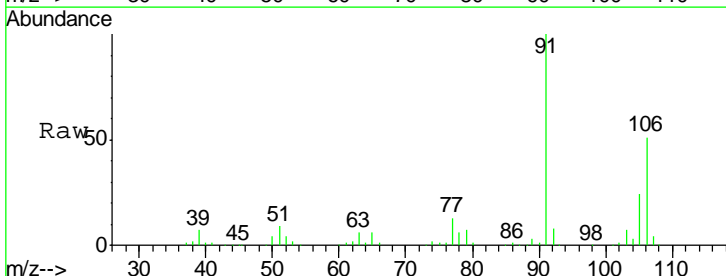
Tgt Ion: 91 Resp: 174549  
Ion Ratio Lower Upper  
91 100  
106 32.6 25.7 38.5

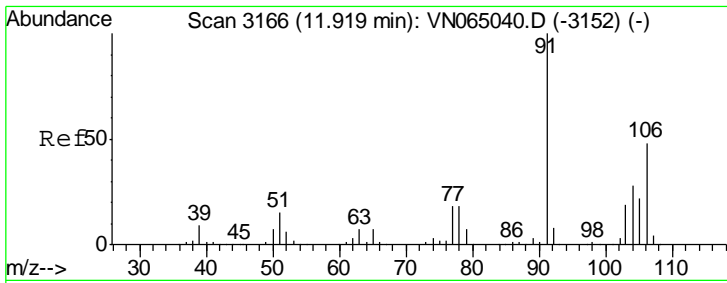
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#68  
m/p-Xylenes  
Concen: 34.539 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. 0.00 min  
Lab File: VN065039.D  
Acq: 10 Dec 2020 10:47

Tgt Ion: 106 Resp: 139922  
Ion Ratio Lower Upper  
106 100  
91 198.4 157.0 235.6





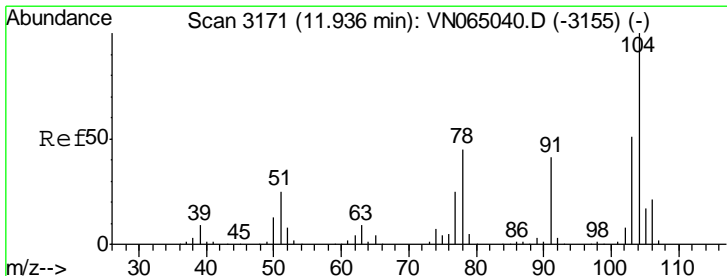
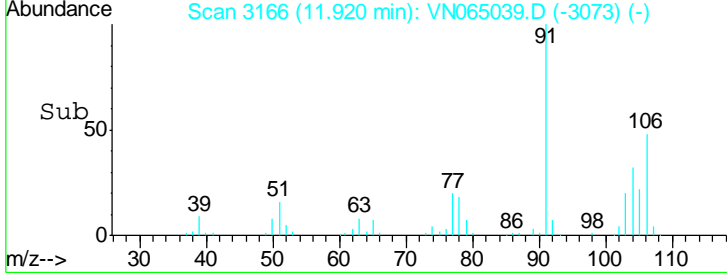
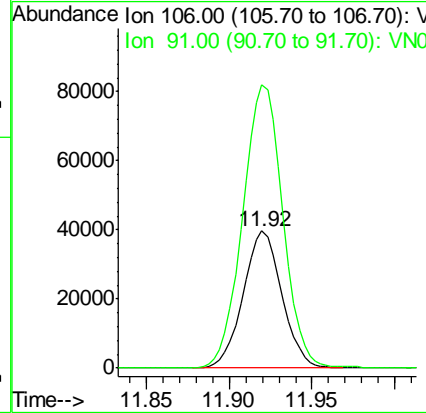
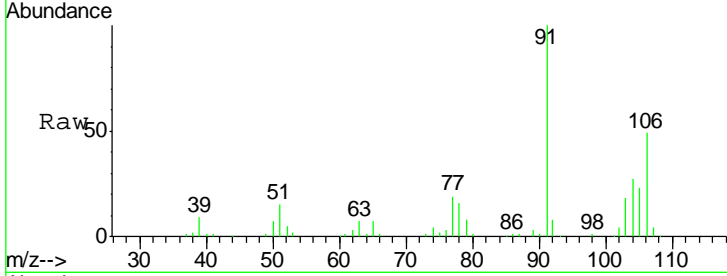
#69  
 o-Xylene  
 Concen: 16.779 ug/l  
 RT: 11.92 min Scan# 3166  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
106	64392		
106	100		
91	214.8	104.1	312.3

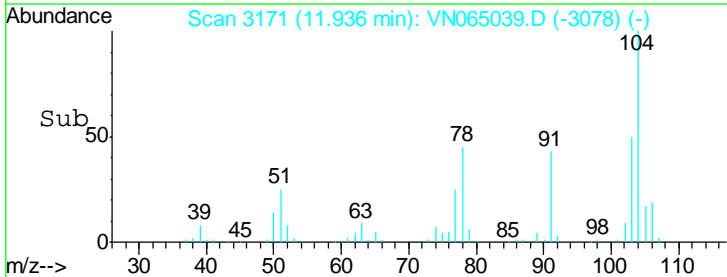
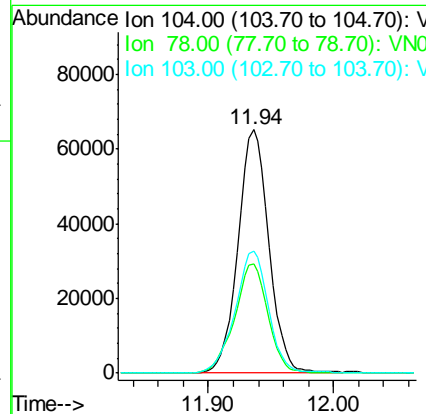
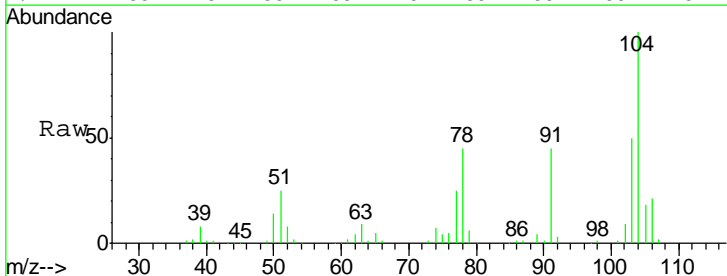
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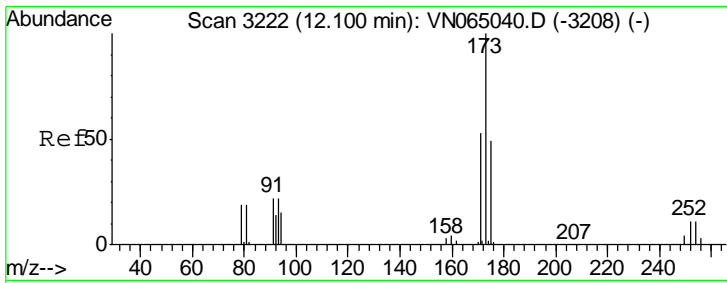
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#70  
 Styrene  
 Concen: 17.241 ug/l  
 RT: 11.94 min Scan# 3171  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
104	111764		
104	100		
78	48.2	38.7	58.1
103	54.0	43.8	65.8





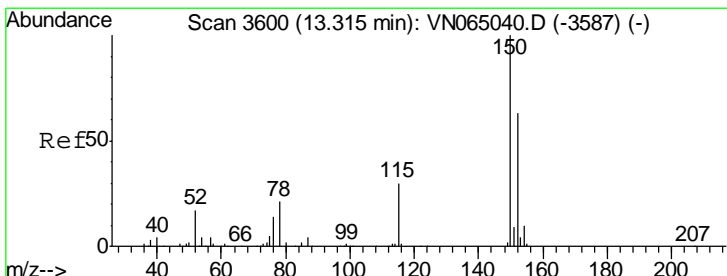
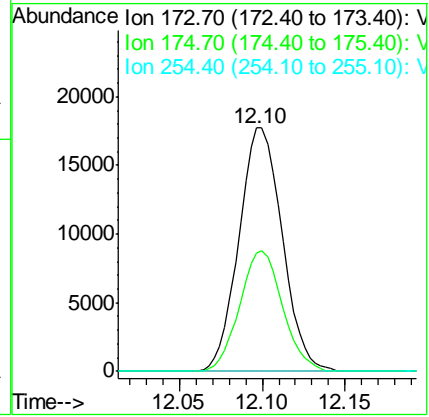
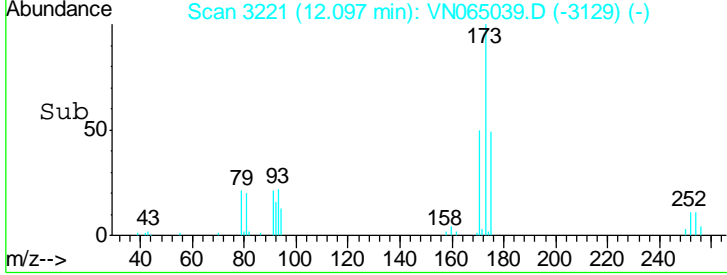
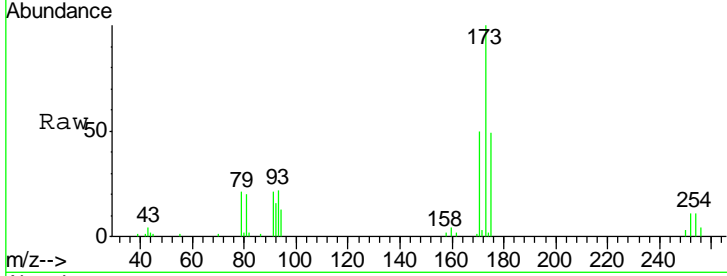
#71  
 Bromoform  
 Concen: 17.200 ug/l  
 RT: 12.10 min Scan# 3221  
 Delta R.T. -0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
173	32195		
175	48.9	24.5	73.5
254	0.0	0.0	0.0

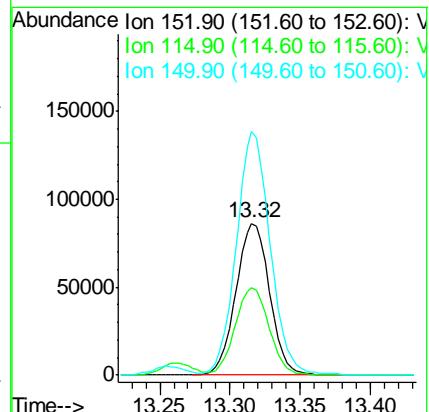
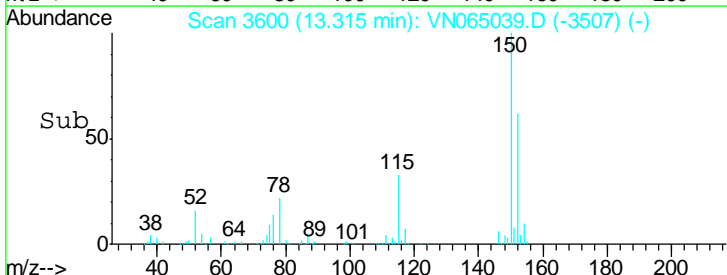
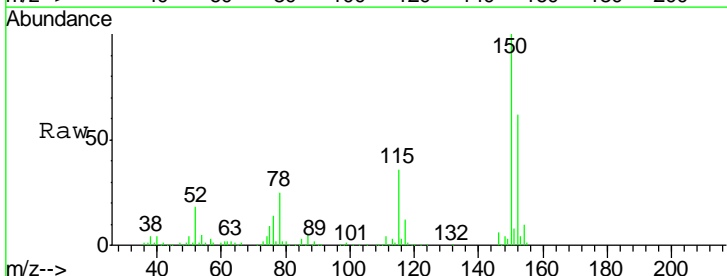
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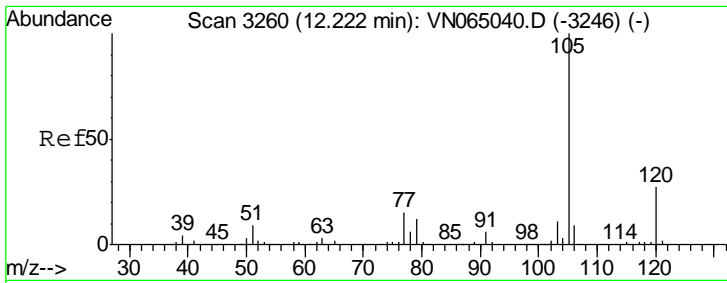


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.32 min Scan# 3600  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
152	144491		
152	100		
115	58.5	29.3	88.0
150	161.1	0.0	345.8

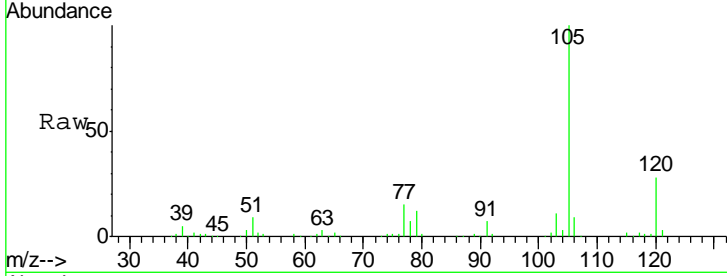






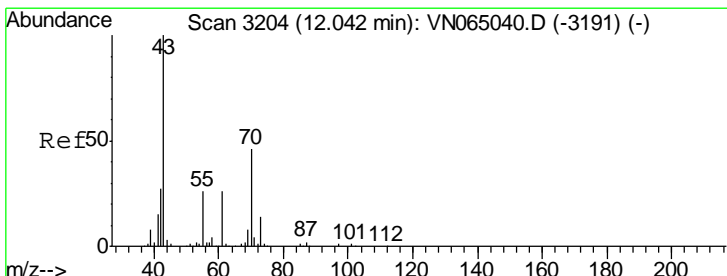
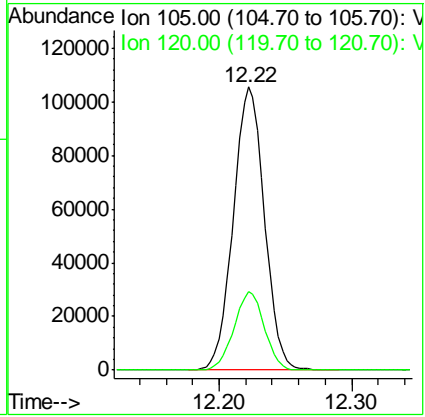
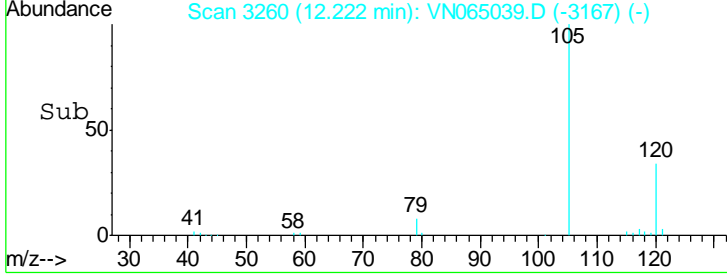
#73  
 Isopropylbenzene  
 Concen: 17.147 ug/l  
 RT: 12.22 min Scan# 3260  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

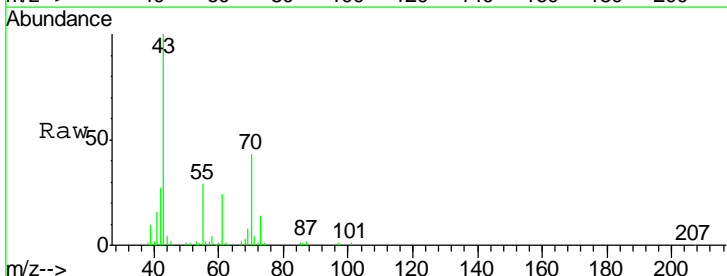


Tgt Ion: 105 Resp: 171610  
 Ion Ratio Lower Upper  
 105 100  
 120 27.0 13.4 40.2

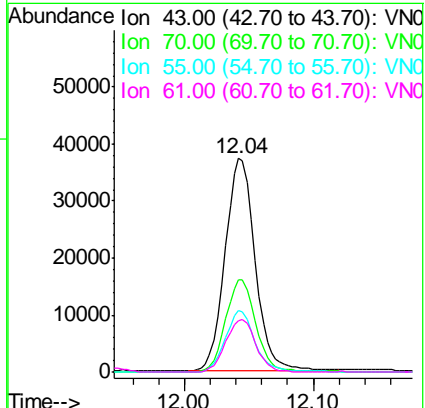
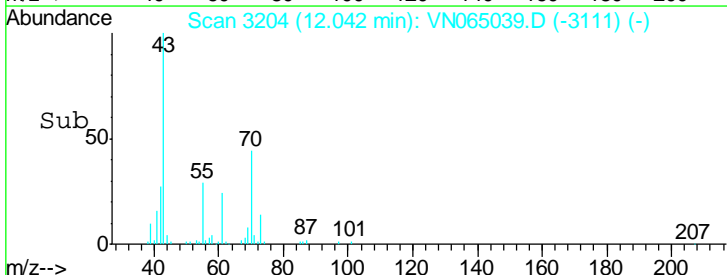
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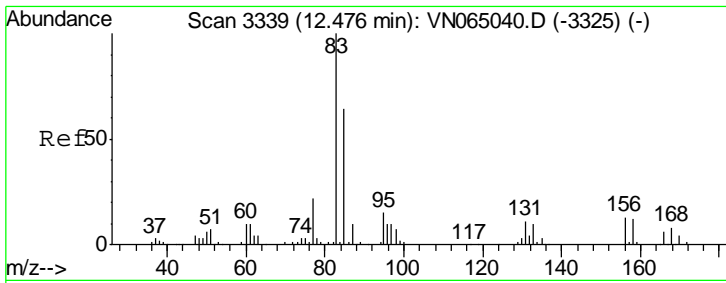


#74  
 N-amyl acetate  
 Concen: 15.592 ug/l  
 RT: 12.04 min Scan# 3204  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47



Tgt Ion: 43 Resp: 60342  
 Ion Ratio Lower Upper  
 43 100  
 70 43.7 36.2 54.2  
 55 28.1 21.4 32.0  
 61 24.5 19.8 29.8





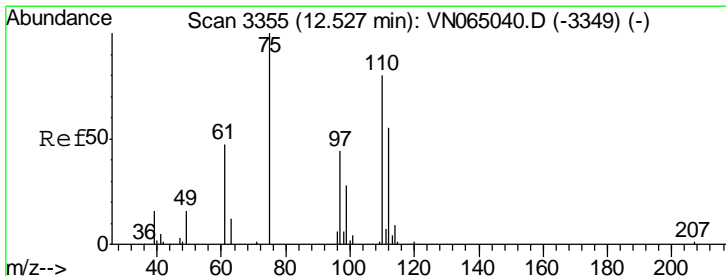
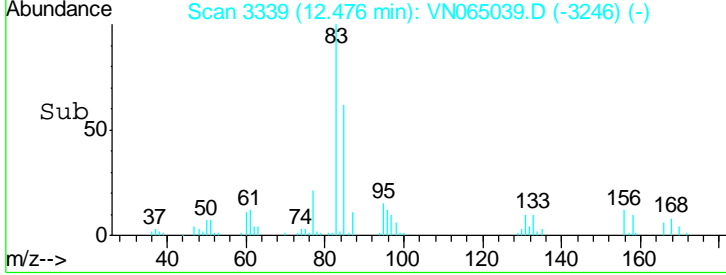
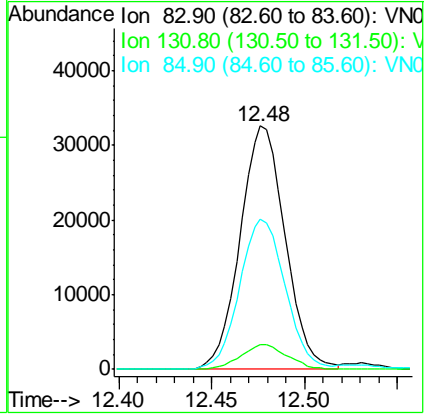
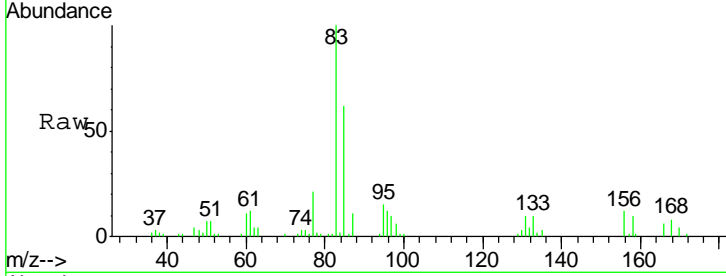
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.676 ug/l  
 RT: 12.48 min Scan# 3339  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
83	100		
131	10.4	5.5	16.4
85	62.4	32.3	96.9

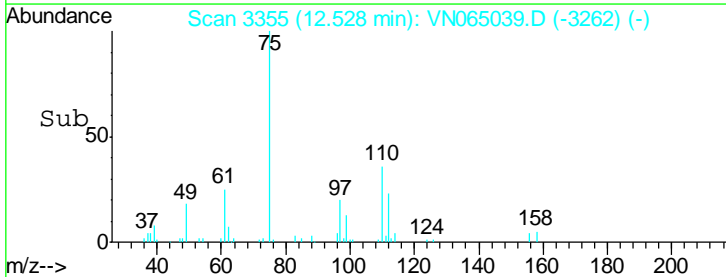
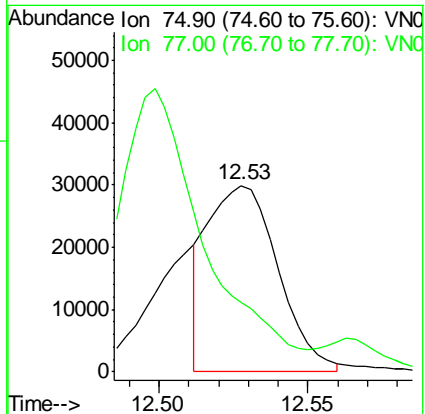
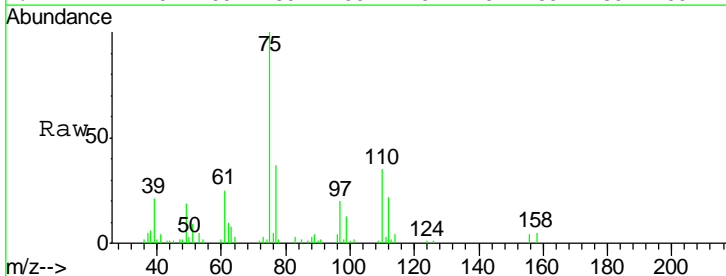
Manual Integrations  
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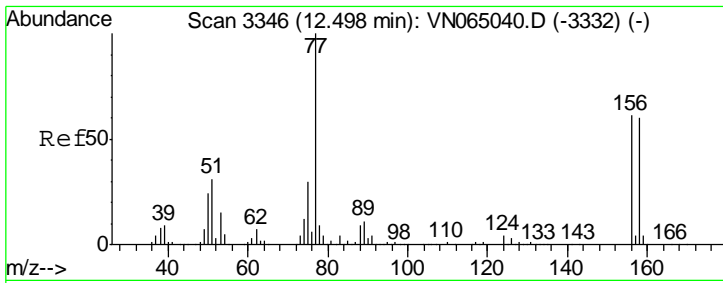
MMDadoda  
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#76  
 1,2,3-Trichloropropane  
 Concen: 16.099 ug/l m  
 RT: 12.53 min Scan# 3355  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.0	0.0	0.0





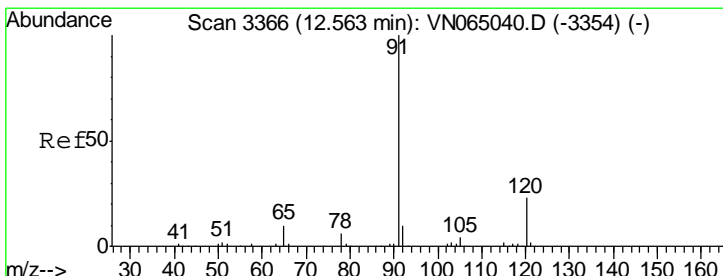
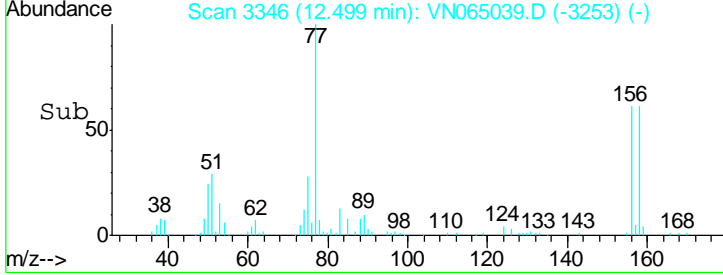
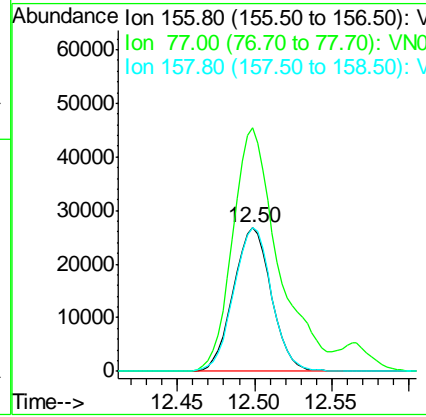
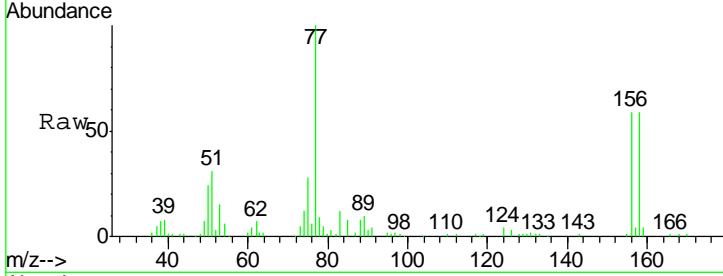
#77  
 Bromobenzene  
 Concen: 16.904 ug/l  
 RT: 12.50 min Scan# 3346  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
156	45740		
77	203.9	99.3	297.8
158	99.3	49.0	147.0

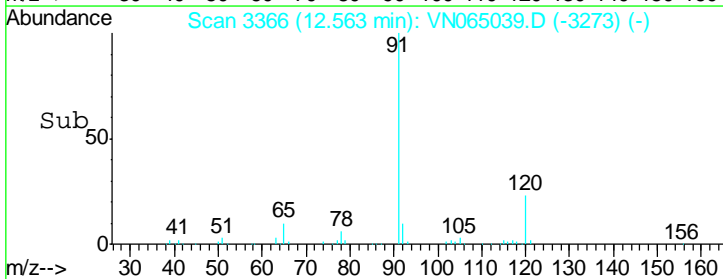
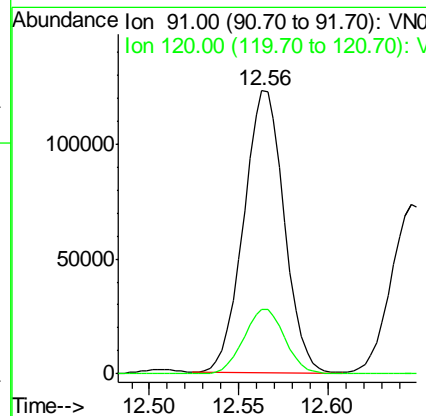
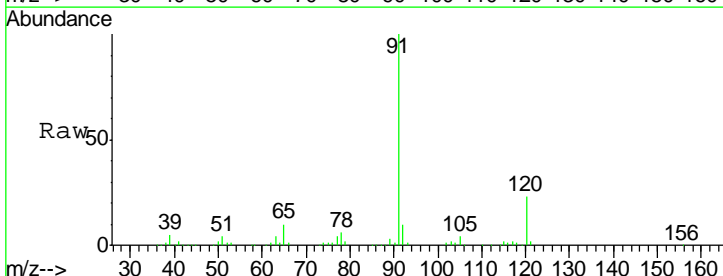
Manual Integrations  
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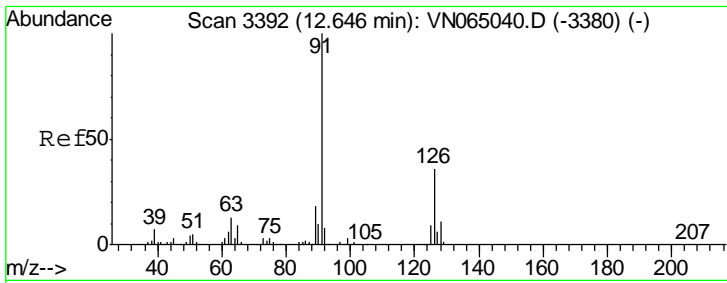
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#78  
 n-propylbenzene  
 Concen: 17.079 ug/l  
 RT: 12.56 min Scan# 3366  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
91	193983		
120	23.4	11.9	35.9





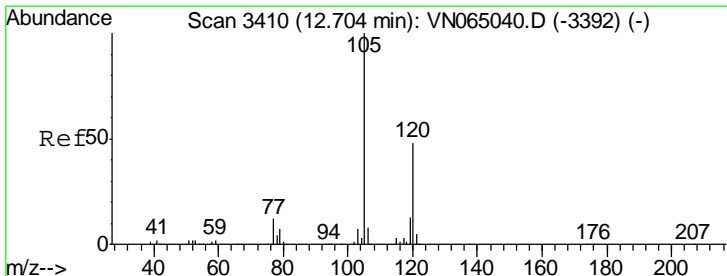
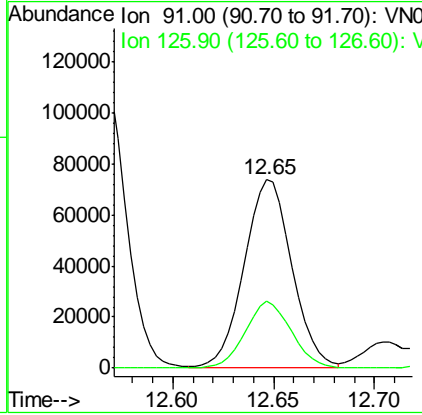
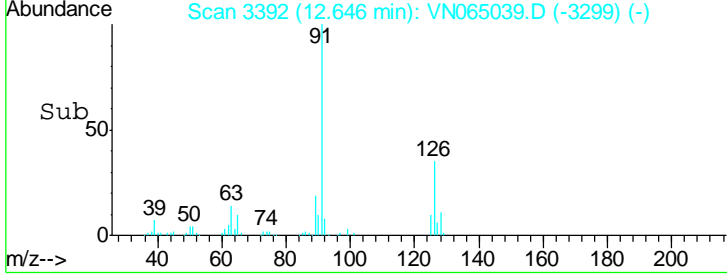
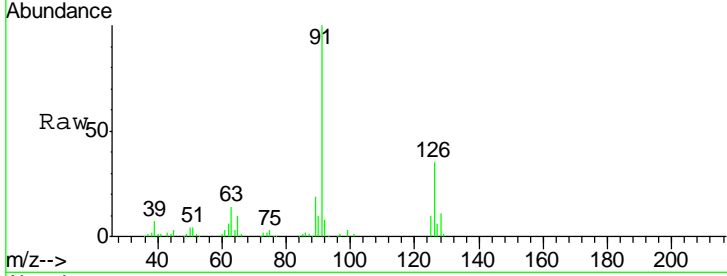
#79  
 2-Chlorotoluene  
 Concen: 17.229 ug/l  
 RT: 12.65 min Scan# 3392  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
91	121131		
126	34.7	17.6	52.9

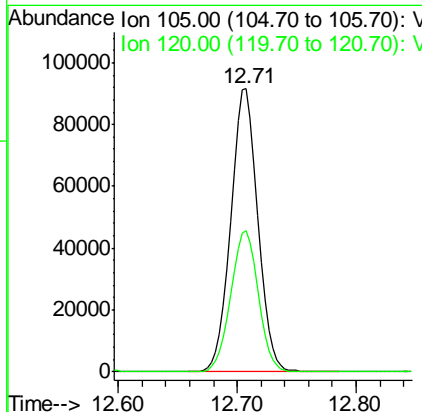
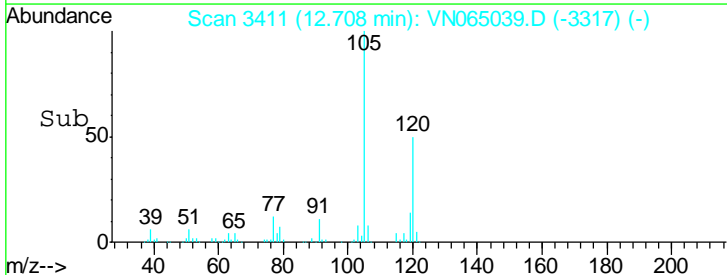
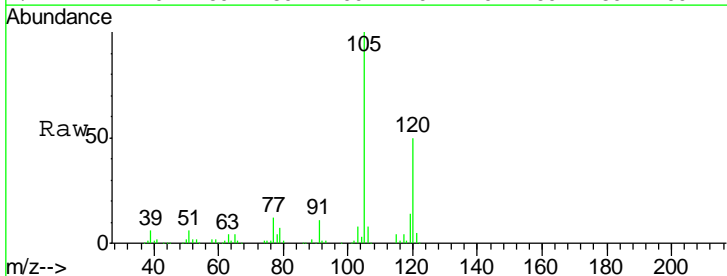
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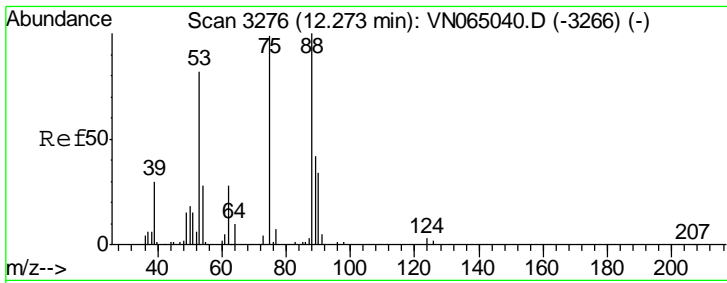
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 17.356 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
105	144277		
120	50.6	24.5	73.5





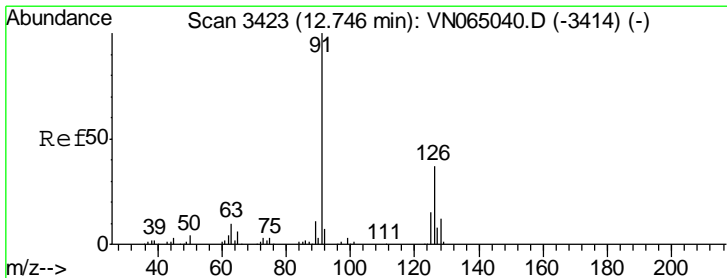
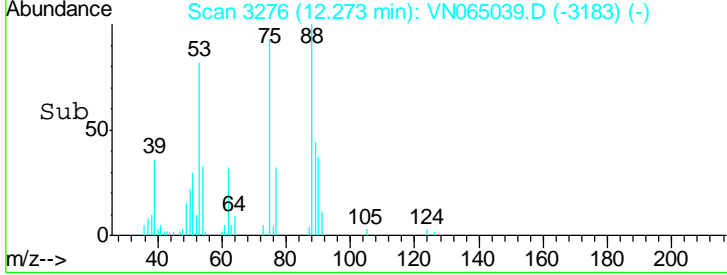
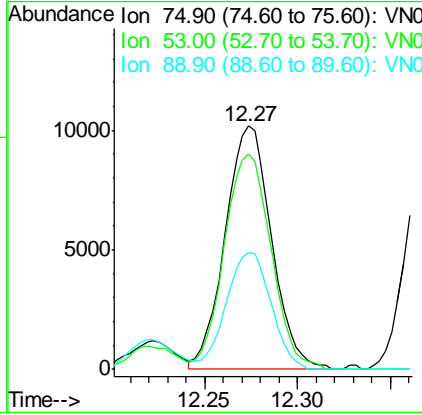
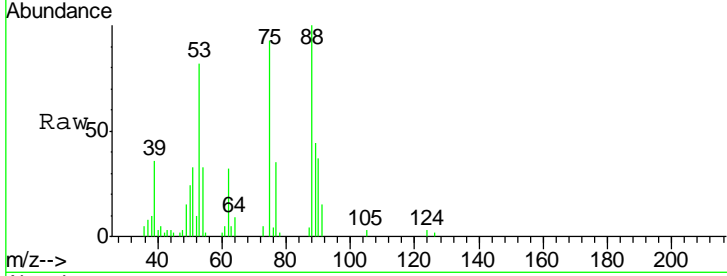
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 15.957 ug/l  
 RT: 12.27 min Scan# 3276  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
75	17676		
75	100		
53	89.4	68.6	103.0
89	46.2	36.2	54.4

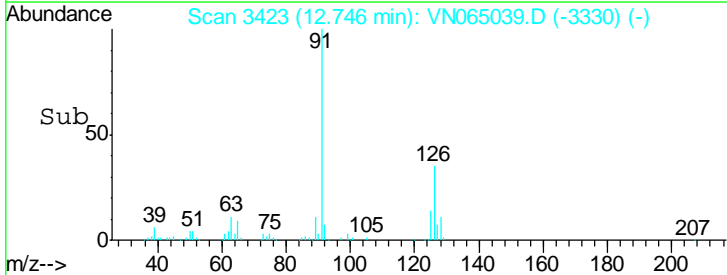
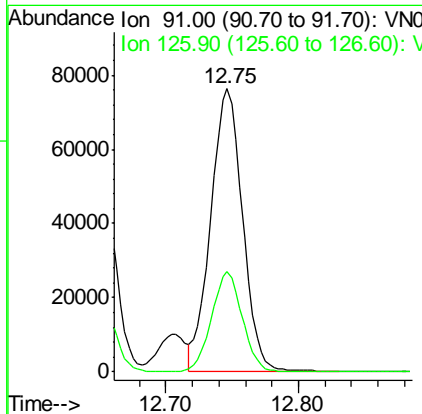
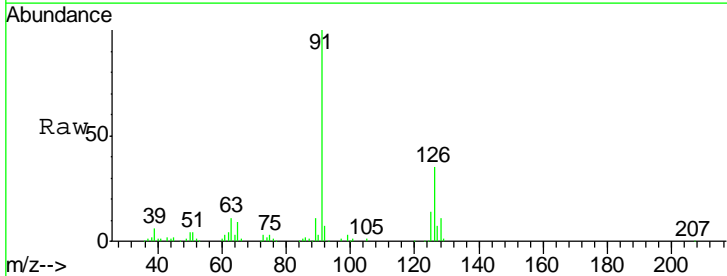
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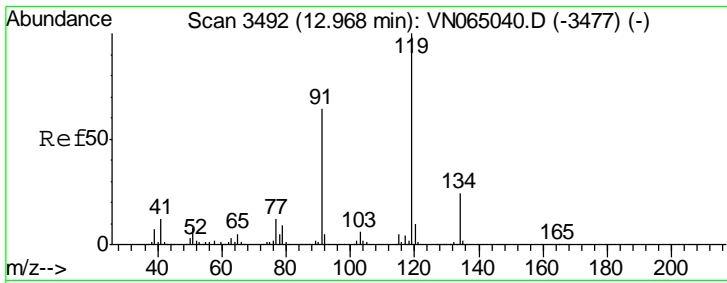
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#82  
 4-Chlorotoluene  
 Concen: 17.311 ug/l  
 RT: 12.75 min Scan# 3423  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
91	127682		
91	100		
126	34.1	17.3	52.0





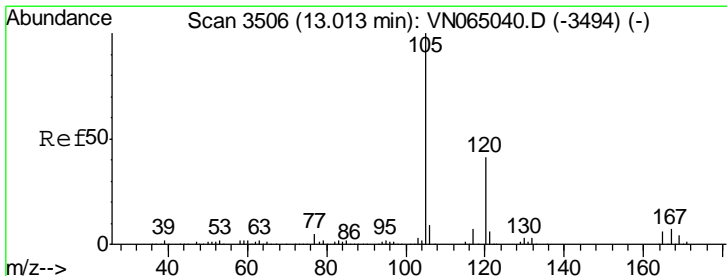
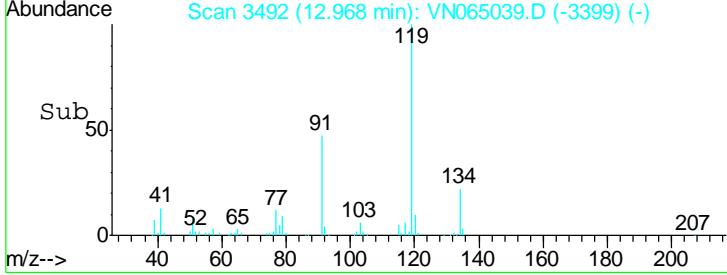
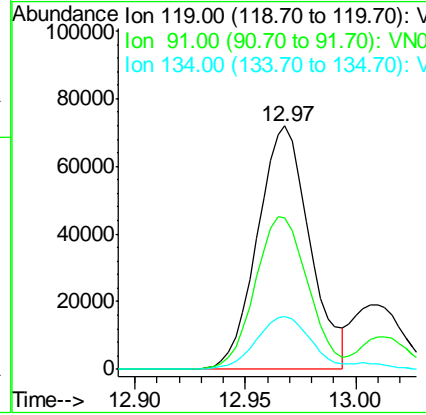
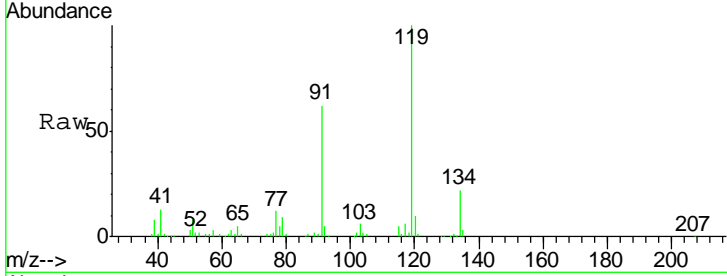
#83  
 tert-Butylbenzene  
 Concen: 16.993 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
119	118434		
91	63.4	31.1	93.5
134	22.4	12.6	37.6

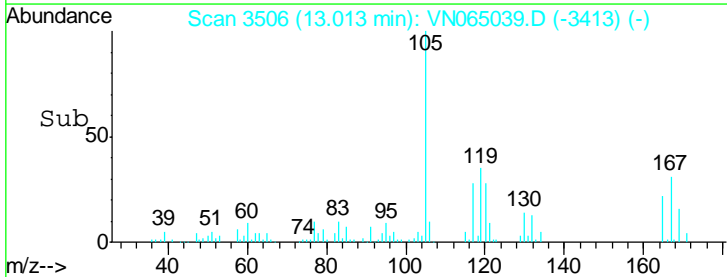
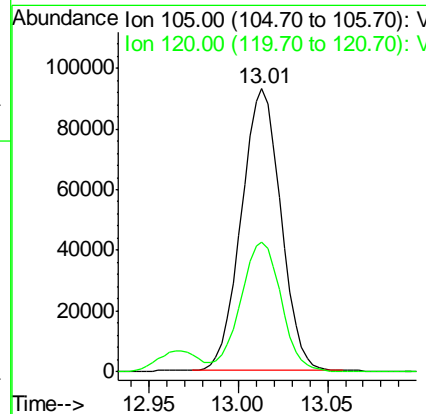
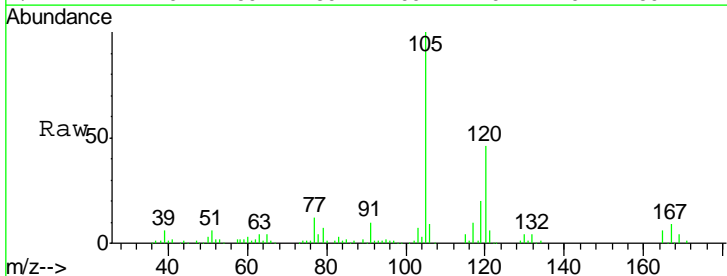
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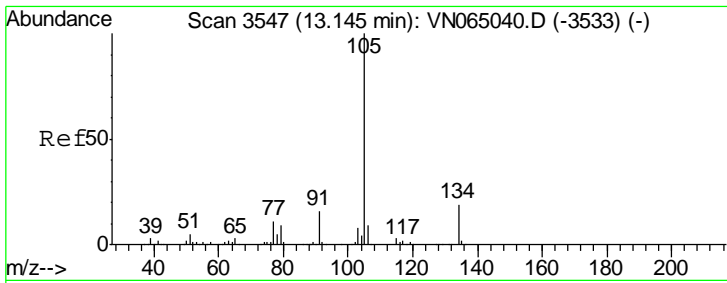
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 16.995 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
105	143161		
120	47.4	23.1	69.2





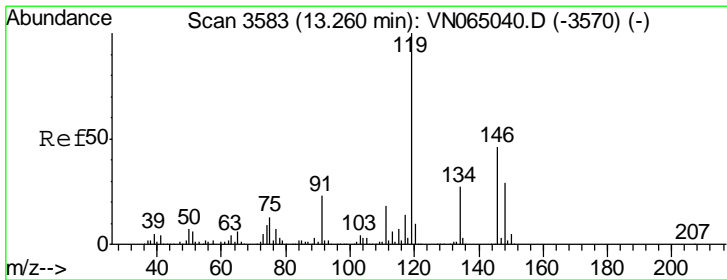
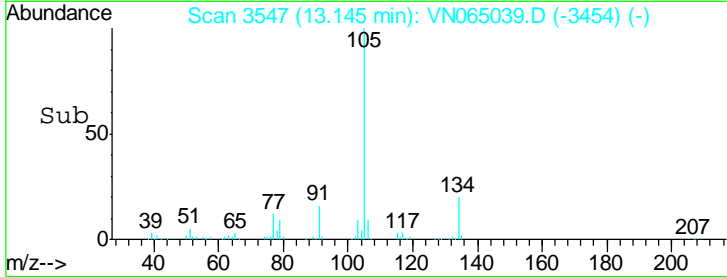
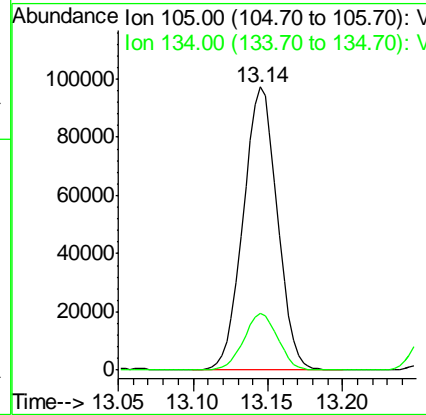
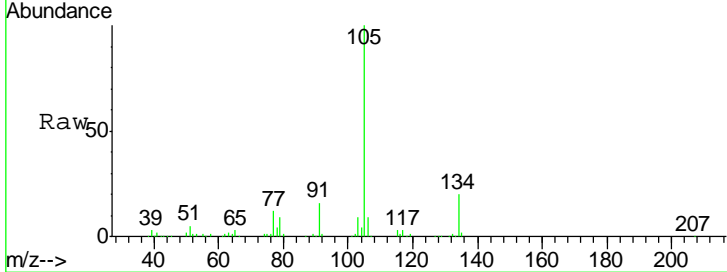
#85  
 sec-Butylbenzene  
 Concen: 16.792 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
105	154552		
134	19.9	9.8	29.5

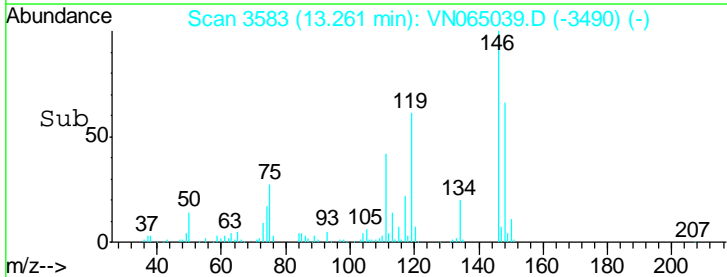
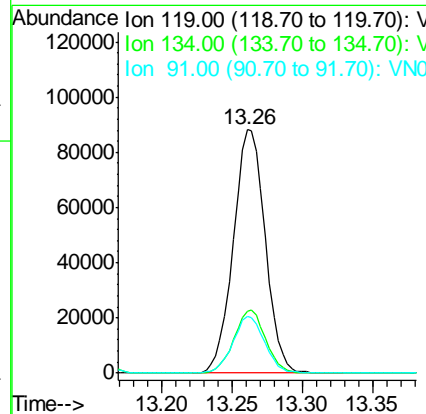
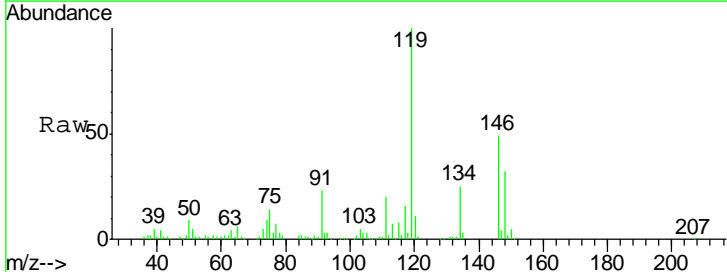
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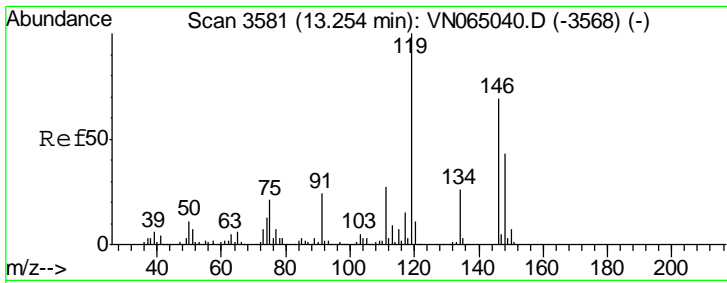
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#86  
 p-Isopropyltoluene  
 Concen: 16.636 ug/l  
 RT: 13.26 min Scan# 3583  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
119	139385		
134	25.6	13.0	38.9
91	23.4	11.5	34.4





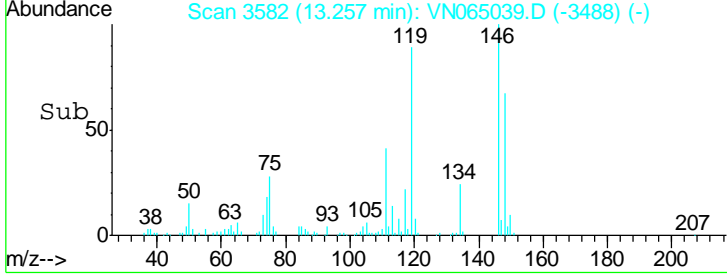
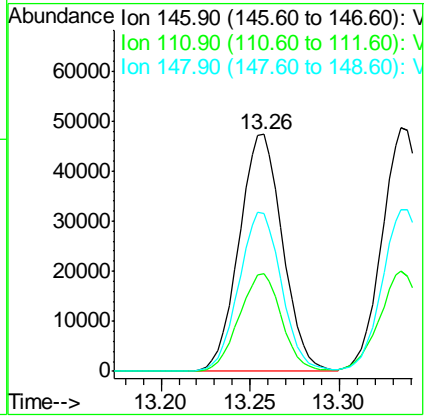
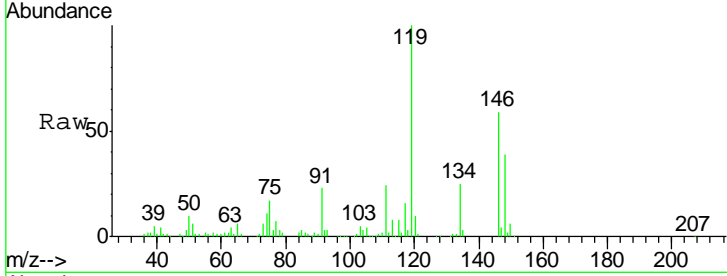
#87  
 1,3-Dichlorobenzene  
 Concen: 16.702 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
146	80323		
146	100		
111	40.2	20.0	59.9
148	65.8	31.6	94.7

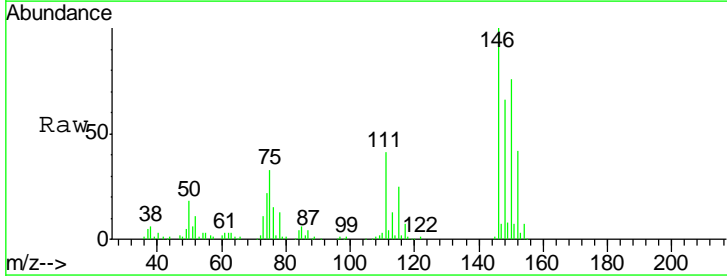
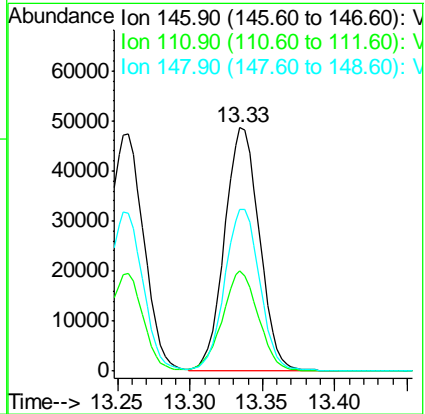
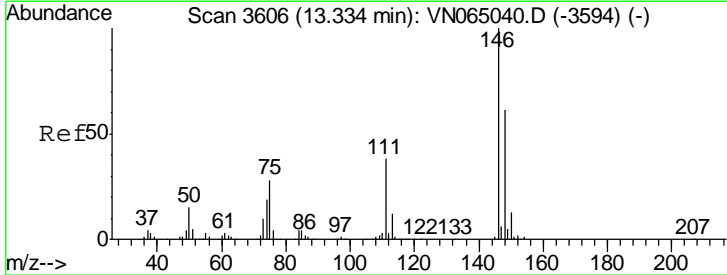
Manual Integrations  
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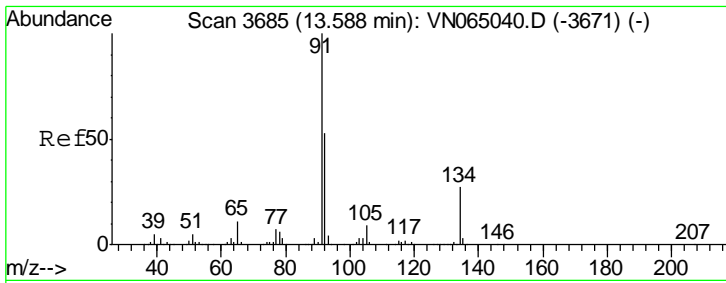


#88  
 1,4-Dichlorobenzene  
 Concen: 16.011 ug/l  
 RT: 13.33 min Scan# 3606  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
146	81395		
146	100		
111	42.3	19.2	57.6
148	67.1	31.1	93.3







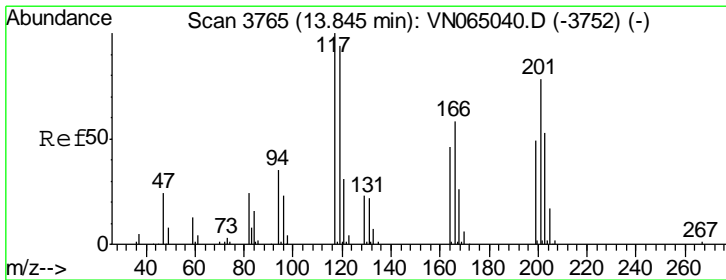
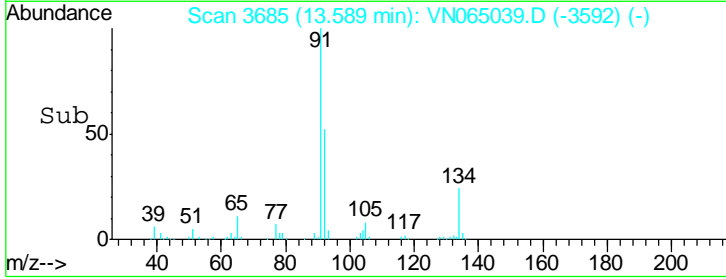
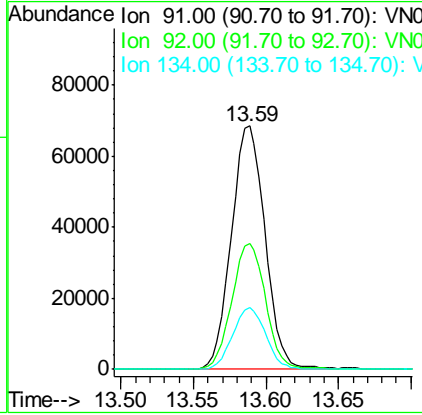
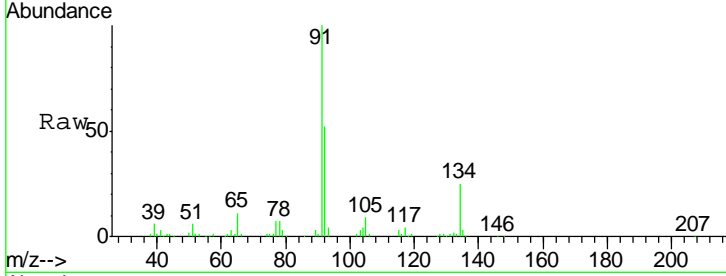
#89  
 n-Butylbenzene  
 Concen: 15.148 ug/l  
 RT: 13.59 min Scan# 3685  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
91	110863		
92	51.6	25.9	77.8
134	24.9	13.2	39.6

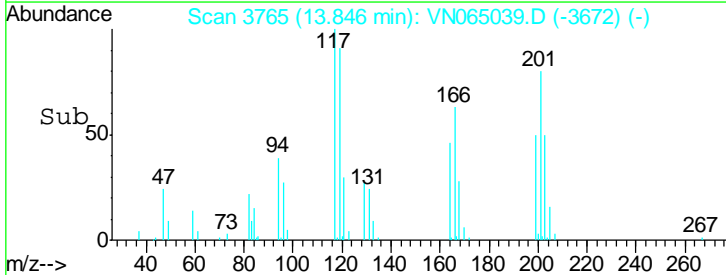
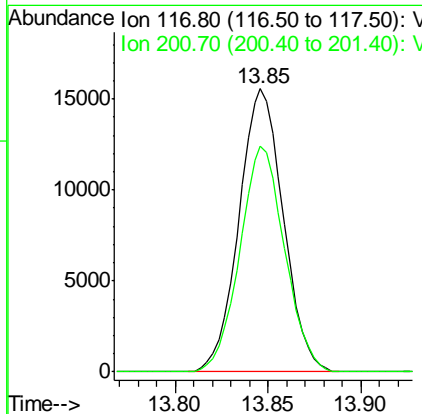
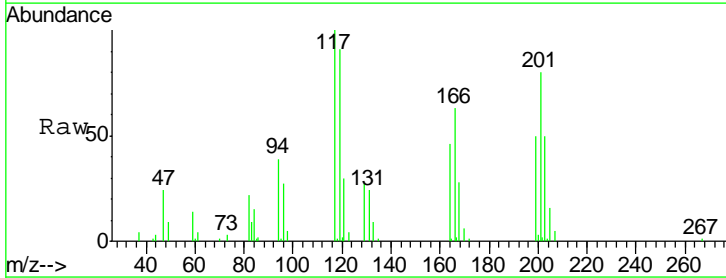
Manual Integrations  
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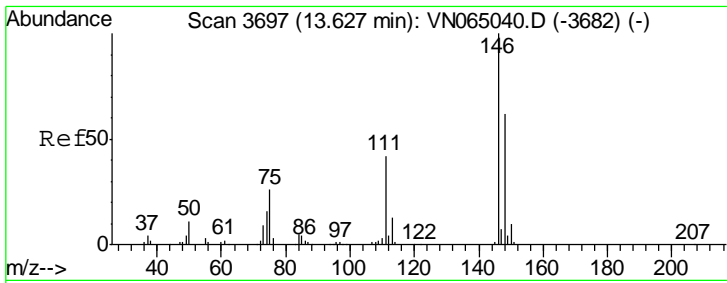
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#90  
 Hexachloroethane  
 Concen: 17.573 ug/l  
 RT: 13.85 min Scan# 3765  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

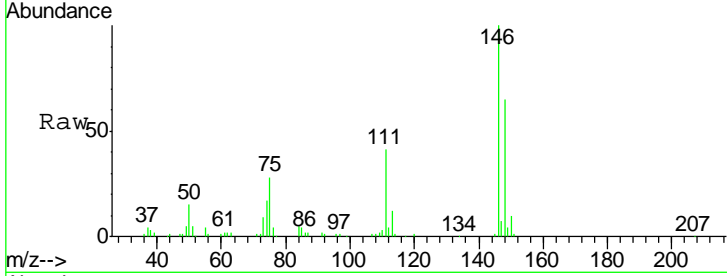
Tgt Ion	Resp	Lower	Upper
117	25722		
201	80.7	39.5	118.3





#91  
 1,2-Dichlorobenzene  
 Concen: 17.425 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC020

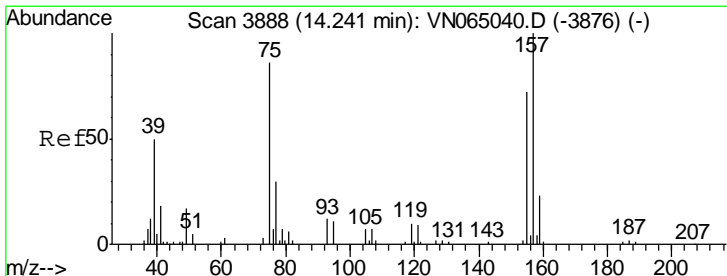
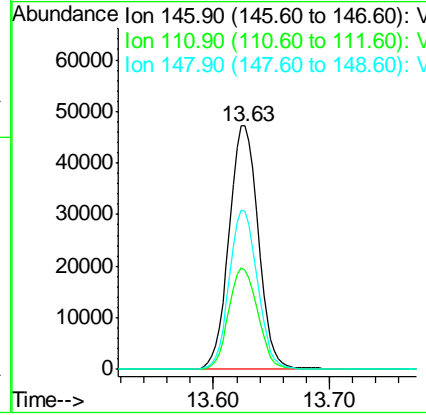
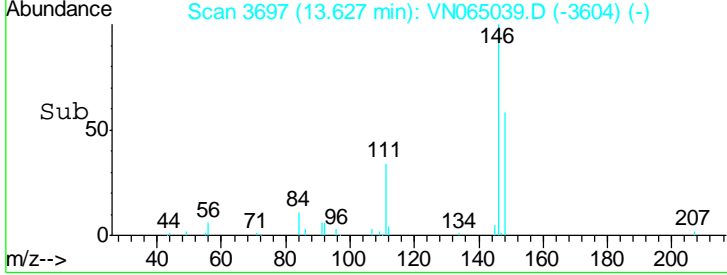


Tgt Ion: 146 Resp: 82313

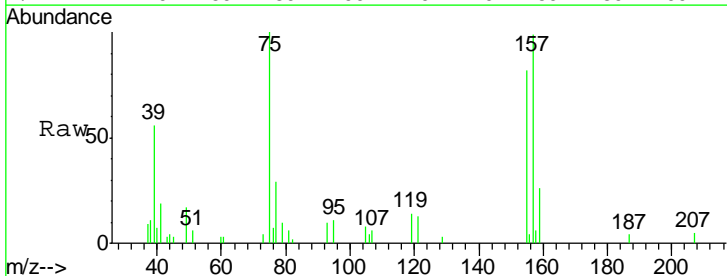
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.1
148	62.9	31.7	95.1

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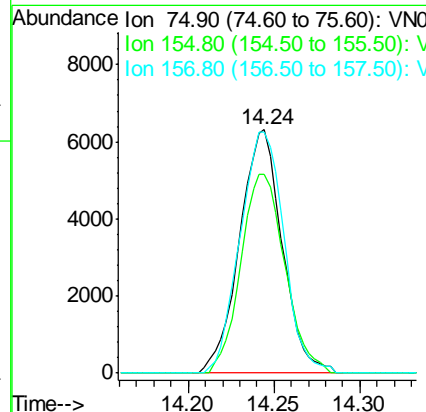
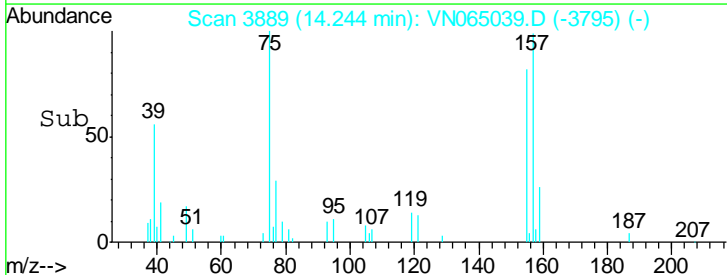


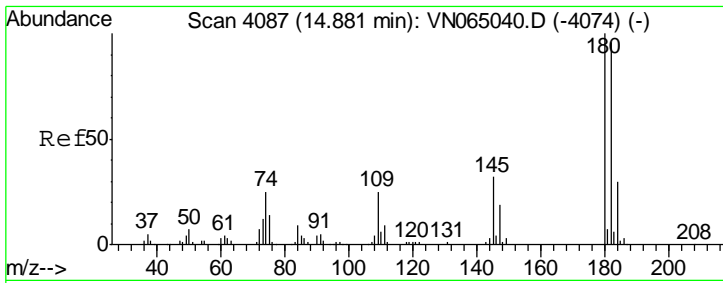
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.834 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47



Tgt Ion: 75 Resp: 10911

Ion	Ratio	Lower	Upper
75	100		
155	84.1	43.8	131.4
157	102.0	58.1	174.3



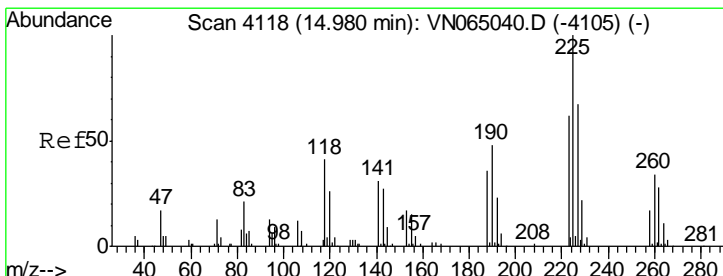
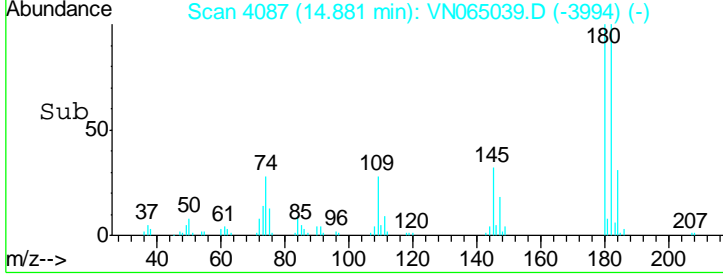
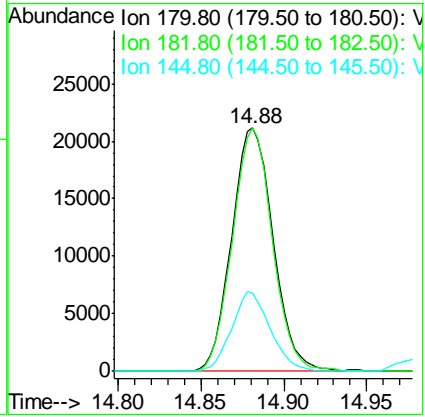
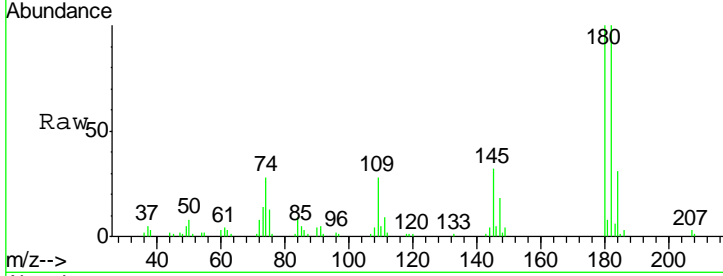


#93  
 1,2,4-Trichlorobenzene  
 Concen: 12.878 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument : MSVOA\_N  
 ClientSampled : VN065039.D  
 VSTDIC020

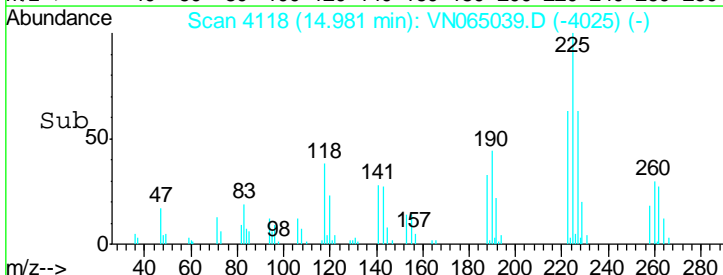
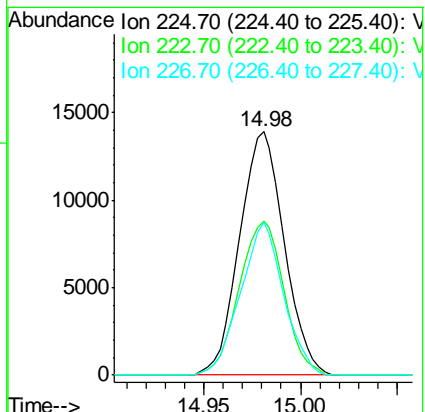
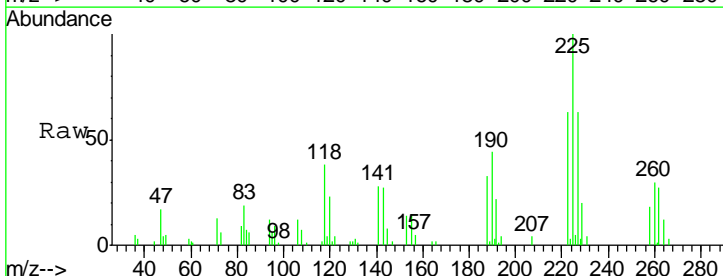
Tgt Ion	Resp	Lower	Upper
180	100		
182	96.5	47.0	141.2
145	30.4	15.4	46.4

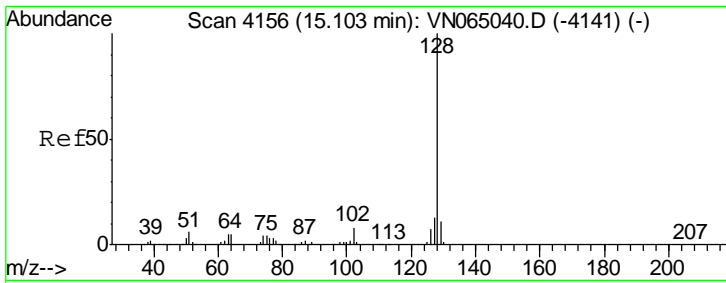
Manual Integrations  
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#94  
 Hexachlorobutadiene  
 Concen: 15.363 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
225	100		
223	63.4	31.4	94.0
227	60.1	32.3	96.8





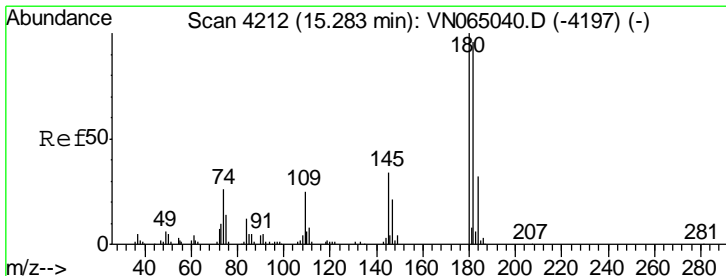
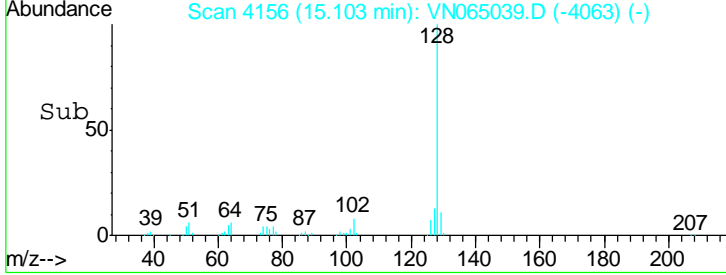
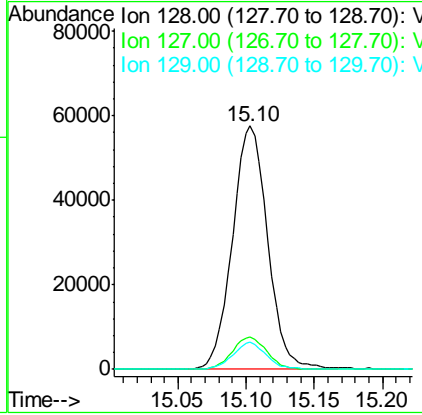
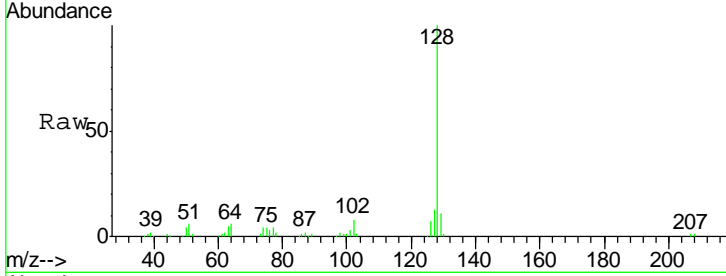
#95  
 Naphthalene  
 Concen: 12.107 ug/l  
 RT: 15.10 min Scan# 4156  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
128	103220		
127	13.1	10.2	15.2
129	10.6	8.5	12.7

Manual Integrations  
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#96  
 1,2,3-Trichlorobenzene  
 Concen: 12.306 ug/l  
 RT: 15.28 min Scan# 4212  
 Delta R.T. 0.00 min  
 Lab File: VN065039.D  
 Acq: 10 Dec 2020 10:47

Tgt Ion	Resp	Lower	Upper
180	34571		
182	98.5	48.3	144.9
145	32.2	16.2	48.6

