

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN081419\  
 Data File : VN057279.D  
 Acq On : 14 Aug 2019 11:42  
 Operator : JC/SP  
 Sample : VN0814WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_N  
**ClientSampleId :**  
 VN0814WBS01

**Manual Integrations**  
**APPROVED**  
 MMdadoda  
 8/19/2019 1:52:50 AM

Quant Time: Aug 23 06:40:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 22 09:18:03 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	882337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1305569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1157858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	503486	56.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.14%	
35) Dibromofluoromethane	7.58	113	433956	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	10.08	98	1619779	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.40	95	509535	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	159033	21.381	ug/l	100
3) Chloromethane	2.05	50	177111	21.004	ug/l	99
4) Vinyl Chloride	2.18	62	172868	21.105	ug/l	96
5) Bromomethane	2.55	94	129306	21.953	ug/l	98
6) Chloroethane	2.70	64	116676	21.664	ug/l	97
7) Trichlorofluoromethane	3.02	101	270907	21.021	ug/l	96
8) Diethyl Ether	3.40	74	103313	22.123	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	158662	20.503	ug/l	99
10) Methyl Iodide	3.95	142	246070	20.469	ug/l	98
11) Tert butyl alcohol	4.76	59	134895	112.539	ug/l	99
12) 1,1-Dichloroethene	3.73	96	160436	20.896	ug/l	98
13) Acrolein	3.60	56	90949	106.054	ug/l	99
14) Allyl chloride	4.32	41	257259	22.087	ug/l	98
15) Acrylonitrile	4.97	53	376684	111.546	ug/l	100
16) Acetone	3.80	43	330480	108.299	ug/l	100
17) Carbon Disulfide	4.05	76	430813	20.528	ug/l	97
18) Methyl Acetate	4.31	43	193919	24.047	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	496755	21.667	ug/l	98
20) Methylene Chloride	4.54	84	183713	20.609	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	170618	20.846	ug/l	99
22) Diisopropyl ether	5.94	45	509218	22.236	ug/l	98
23) Vinyl Acetate	5.88	43	2030871	111.912	ug/l	100
24) 1,1-Dichloroethane	5.84	63	311853	21.614	ug/l	98
25) 2-Butanone	6.82	43	481334	110.943	ug/l	98
26) 2,2-Dichloropropane	6.81	77	254178	21.473	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	198309	21.011	ug/l	98
28) Bromochloromethane	7.19	49	144226	22.653	ug/l	95
29) Tetrahydrofuran	7.20	42	306274	110.428	ug/l	100
30) Chloroform	7.36	83	322464	21.396	ug/l	99
31) Cyclohexane	7.65	56	269071	21.338	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	279914	21.957	ug/l	100
36) 1,1-Dichloropropene	7.79	75	227147	19.900	ug/l	97
37) Ethyl Acetate	6.91	43	200815	21.889	ug/l	97
38) Carbon Tetrachloride	7.77	117	244491	20.164	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN081419\  
 Data File : VN057279.D  
 Acq On : 14 Aug 2019 11:42  
 Operator : JC/SP  
 Sample : VN0814WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_N  
**Client Sampled :**  
 VN0814WBS01

**Manual Integrations**  
**APPROVED**  
 MMdadoda  
 8/19/2019 1:52:50 AM

Quant Time: Aug 23 06:40:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 22 09:18:03 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	268448	19.864	ug/l	100
40) Benzene	8.03	78	716457	20.661	ug/l	99
41) Methacrylonitrile	7.17	41	79766m	20.759	ug/l	
42) 1,2-Dichloroethane	8.12	62	235580	21.200	ug/l	100
43) Isopropyl Acetate	8.16	43	352333	23.319	ug/l	96
44) Trichloroethene	8.83	130	199512	19.848	ug/l	95
45) 1,2-Dichloropropane	9.11	63	188896	21.502	ug/l	100
46) Dibromomethane	9.20	93	123071	20.778	ug/l	99
47) Bromodichloromethane	9.40	83	249338	21.834	ug/l	99
48) Methyl methacrylate	9.19	41	154756	22.136	ug/l	100
49) 1,4-Dioxane	9.19	88	67749	430.008	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	971790	109.531	ug/l	98
52) Toluene	10.15	92	447426	20.769	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	259815	21.270	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	295456	21.462	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	177699	21.103	ug/l	98
56) Ethyl methacrylate	10.43	69	250997	21.246	ug/l	99
57) 1,3-Dichloropropane	10.70	76	288764	20.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	317923	105.026	ug/l	98
59) 2-Hexanone	10.75	43	674140	107.091	ug/l	99
60) Dibromochloromethane	10.90	129	202467	21.441	ug/l	98
61) 1,2-Dibromoethane	11.00	107	182181	20.840	ug/l	98
64) Tetrachloroethene	10.63	164	204287	19.975	ug/l	99
65) Chlorobenzene	11.43	112	472690	19.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	186257	20.357	ug/l	98
67) Ethyl Benzene	11.51	91	829302	20.503	ug/l	100
68) m/p-Xylenes	11.62	106	628246	41.629	ug/l	98
69) o-Xylene	11.95	106	309701	20.959	ug/l	98
70) Styrene	11.96	104	477631	20.878	ug/l	98
71) Bromoform	12.13	173	147465	21.034	ug/l #	100
73) Isopropylbenzene	12.25	105	812700	23.944	ug/l	99
74) N-amyl acetate	12.07	43	240689	24.207	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	235649	25.212	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	189628m	24.416	ug/l	
77) Bromobenzene	12.53	156	207173	22.798	ug/l	96
78) n-propylbenzene	12.59	91	816301	22.877	ug/l	100
79) 2-Chlorotoluene	12.67	91	516964	23.456	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	664143	23.379	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	66471	21.579	ug/l	92
82) 4-Chlorotoluene	12.77	91	479343	21.243	ug/l	99
83) tert-Butylbenzene	12.99	119	606487	23.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	616072	21.145	ug/l	99
85) sec-Butylbenzene	13.17	105	716144	22.697	ug/l	99
86) p-Isopropyltoluene	13.29	119	612191	20.122	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	298087	20.797	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	277310	19.892	ug/l	100
89) n-Butylbenzene	13.62	91	443279	20.772	ug/l	99
90) Hexachloroethane	13.88	117	122830	23.300	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	291999	20.895	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30500	22.068	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN081419\  
 Data File : VN057279.D  
 Acq On : 14 Aug 2019 11:42  
 Operator : JC/SP  
 Sample : VN0814WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0814WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2019 1:52:50 AM

Quant Time: Aug 23 06:40:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 22 09:18:03 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	73356	15.841	ug/l	96
94) Hexachlorobutadiene	15.01	225	128577	21.867	ug/l	99
95) Naphthalene	15.13	128	133230	18.619	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	71603	17.632	ug/l	97

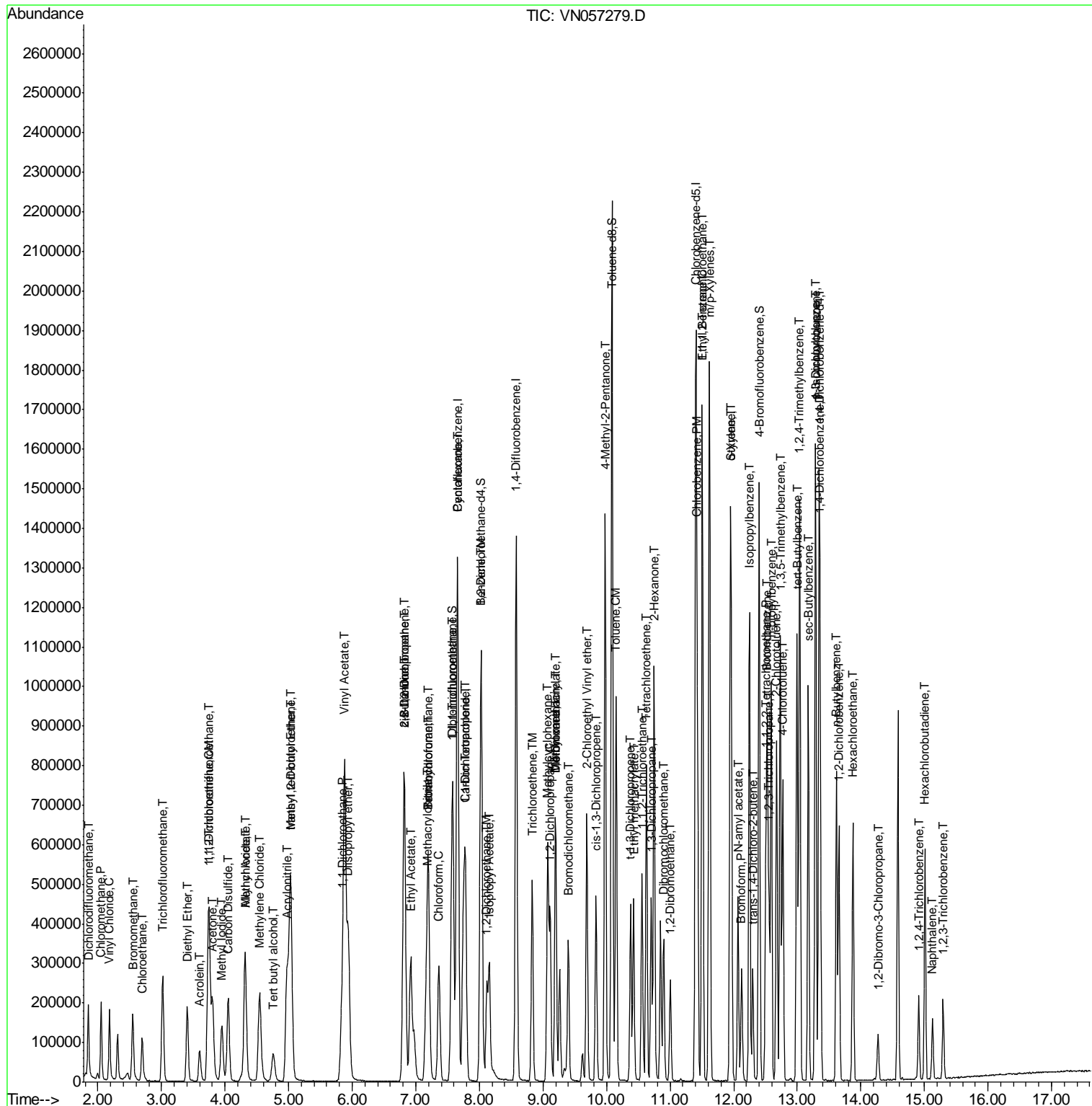
(#) = qualifier out of range (m) = manual integration (+) = signals summed

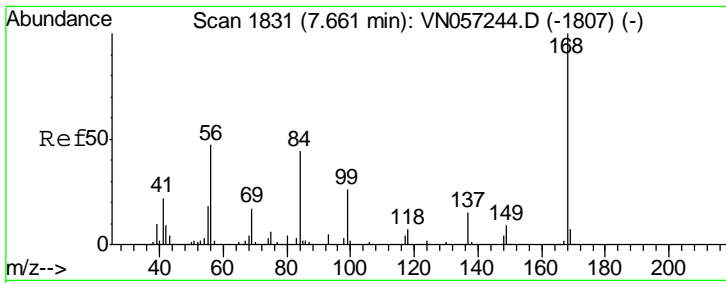
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN081419\  
 Data File : VN057279.D  
 Acq On : 14 Aug 2019 11:42  
 Operator : JC/SP  
 Sample : VN0814WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 Client Sampled :  
 VN0814WBS01

Manual Integrations  
 APPROVED  
 MMDadoda  
 8/19/2019 1:52:50 AM

Quant Time: Aug 23 06:40:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 22 09:18:03 2019  
 Response via : Initial Calibration



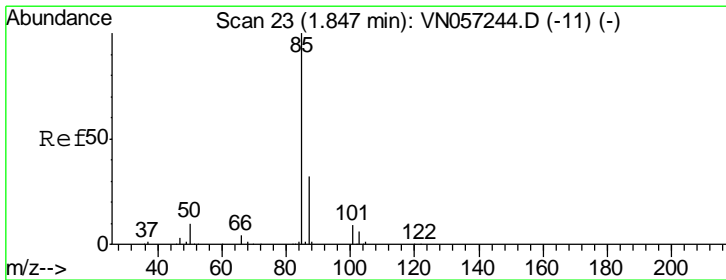
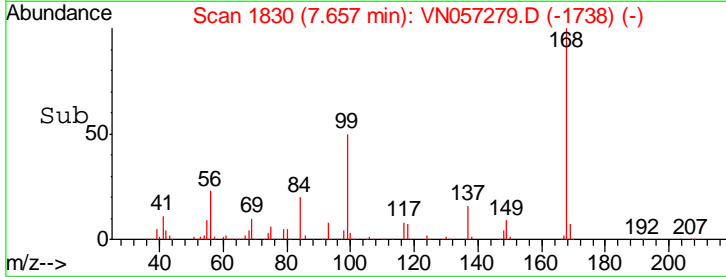
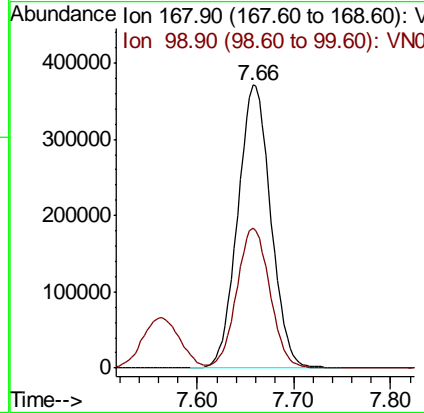
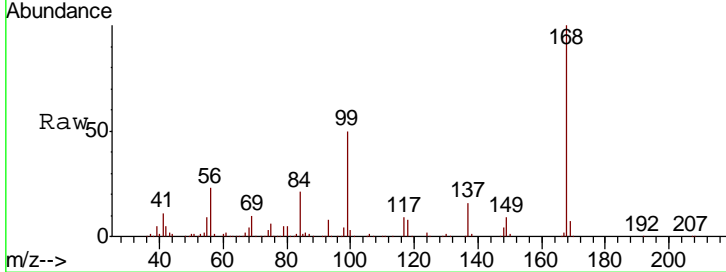


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.66 min Scan# 1830  
 Delta R.T. -0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

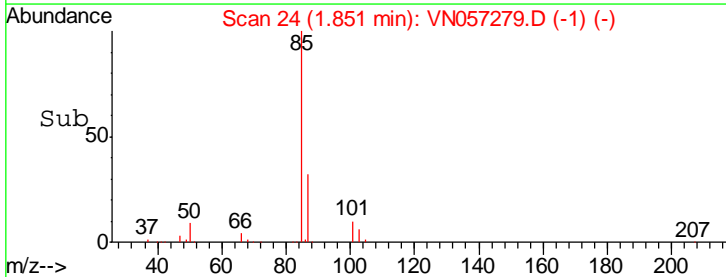
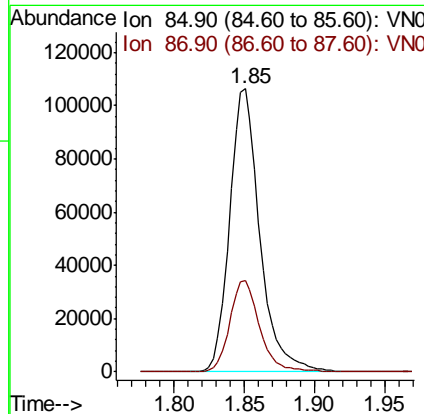
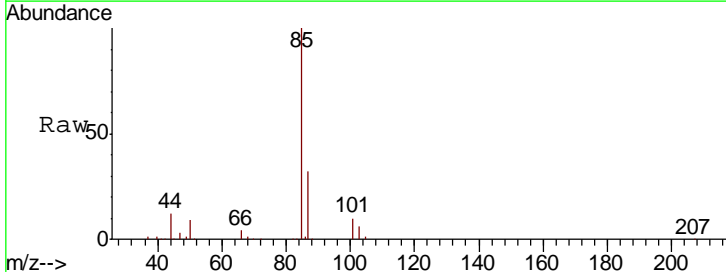
Tgt Ion	Resp	Lower	Upper
168	100		
99	49.6	38.6	58.0

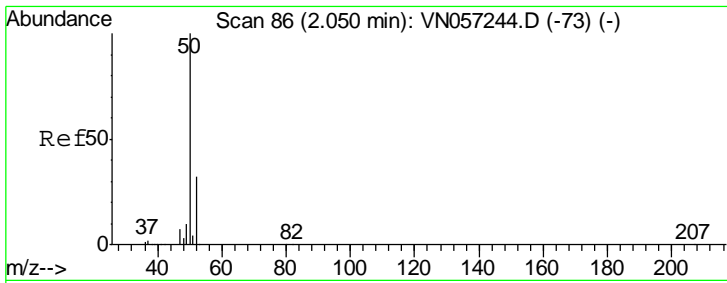
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#2  
 Dichlorodifluoromethane  
 Concen: 21.381 ug/l  
 RT: 1.85 min Scan# 24  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
85	100		
87	32.5	16.2	48.6



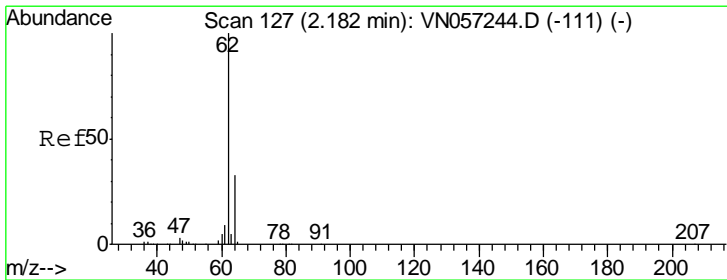
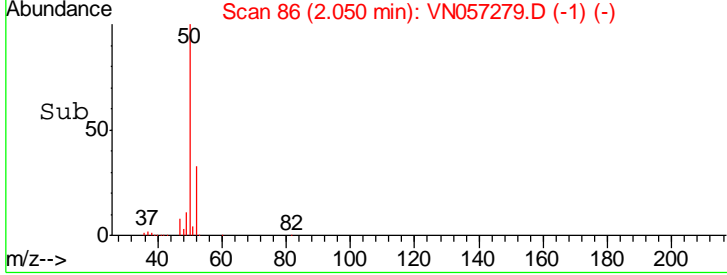
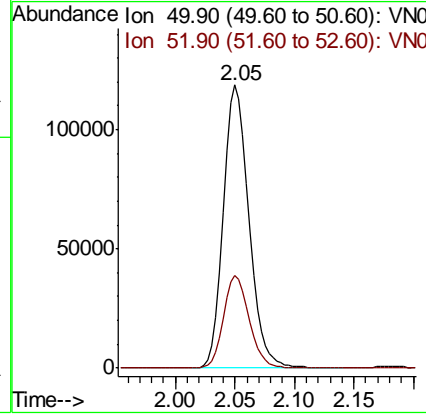
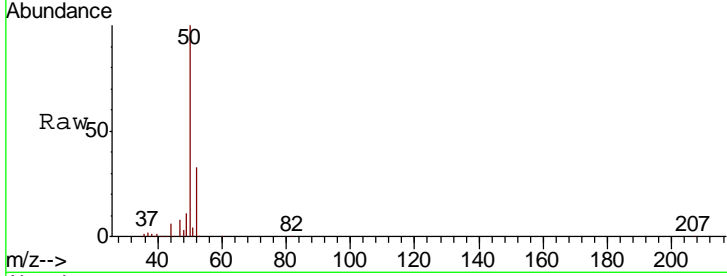


#3  
 Chloromethane  
 Concen: 21.004 ug/l  
 RT: 2.05 min Scan# 86  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

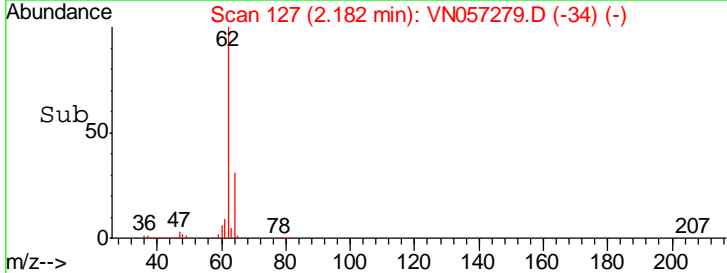
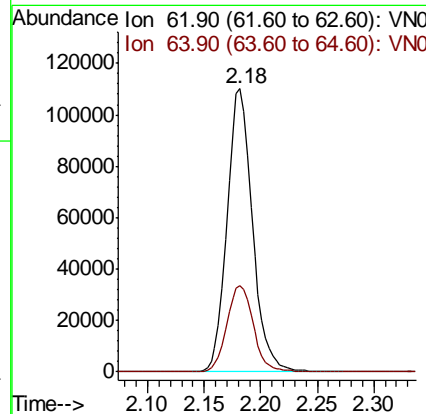
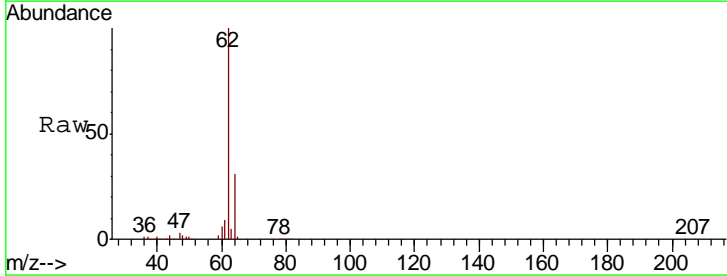
Tgt Ion	Resp	Lower	Upper
50	177111		
52	32.8	25.6	38.4

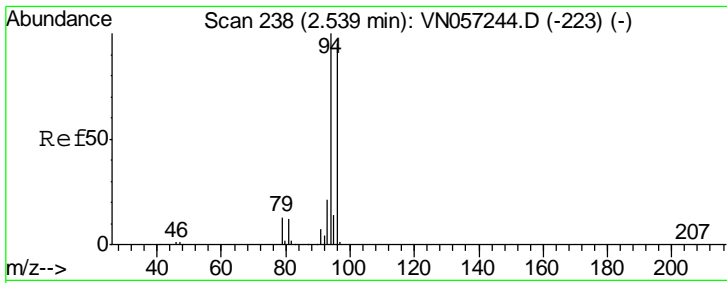
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#4  
 Vinyl Chloride  
 Concen: 21.105 ug/l  
 RT: 2.18 min Scan# 127  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
62	172868		
64	30.5	26.2	39.2



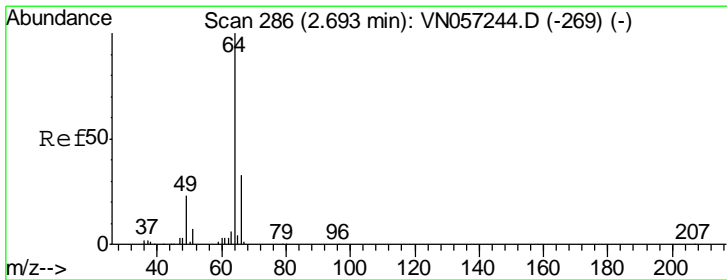
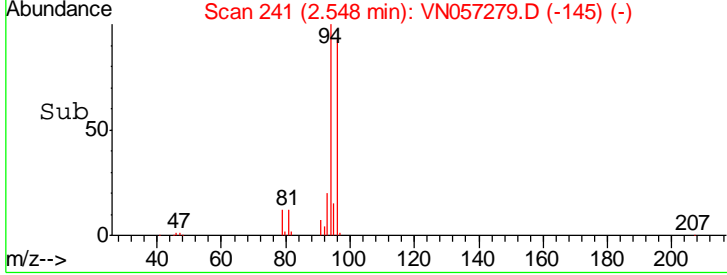
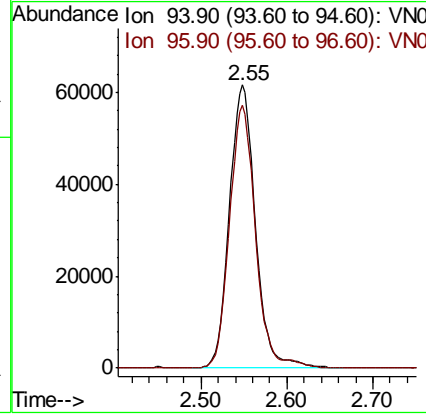
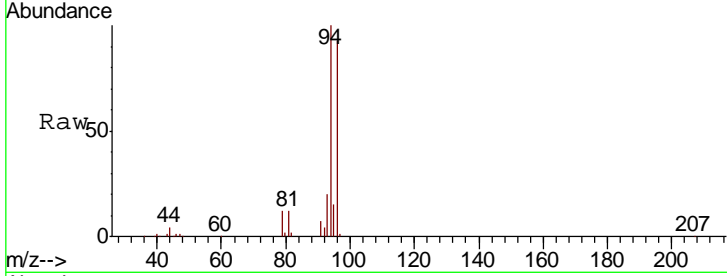


#5  
 Bromomethane  
 Concen: 21.953 ug/l  
 RT: 2.55 min Scan# 241  
 Delta R.T. 0.01 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

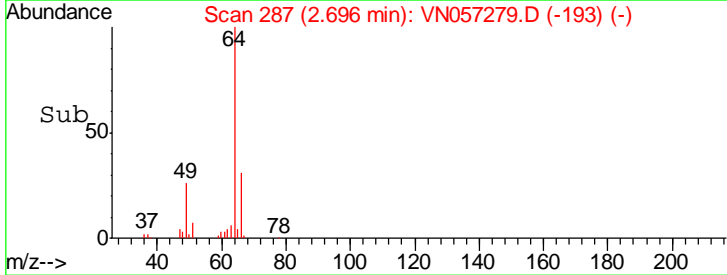
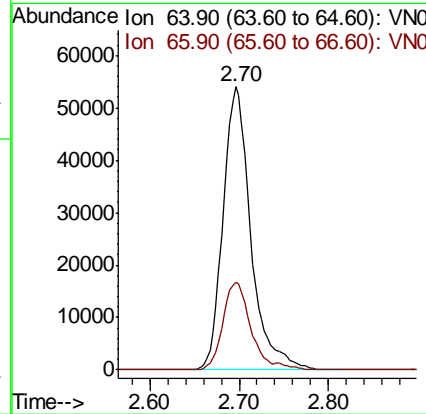
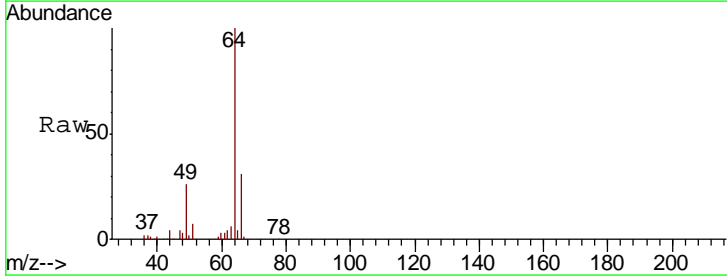
Tgt Ion	Resp	Lower	Upper
94	129306		
96	93.0	75.7	113.5

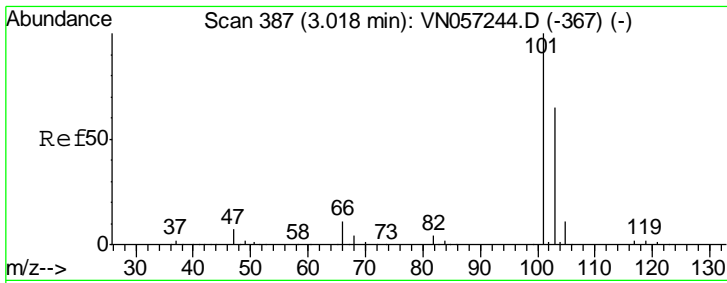
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#6  
 Chloroethane  
 Concen: 21.664 ug/l  
 RT: 2.70 min Scan# 287  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
64	116676		
66	31.1	26.3	39.5





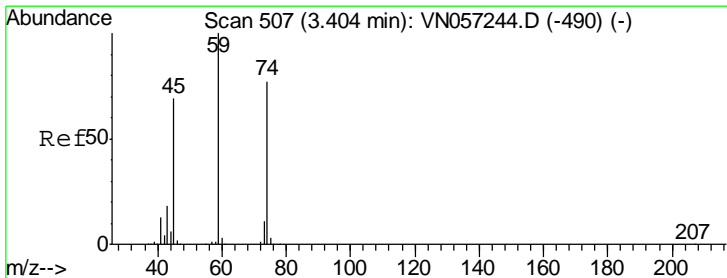
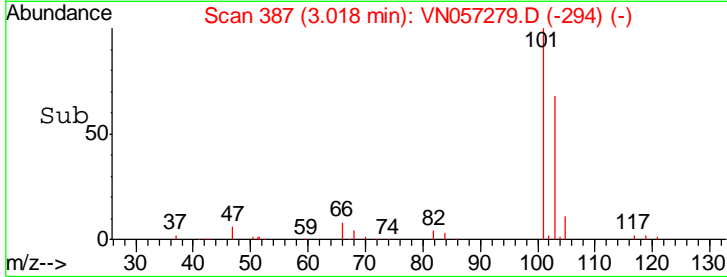
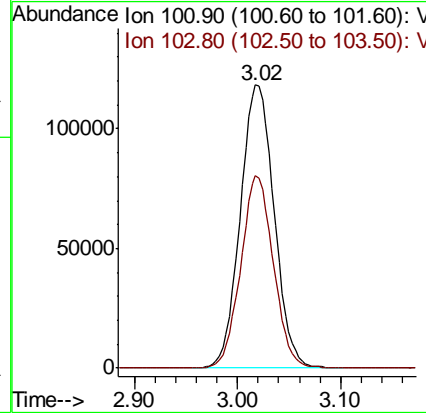
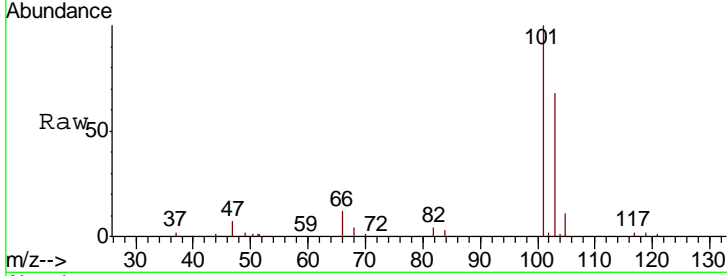
#7  
 Trichlorofluoromethane  
 Concen: 21.021 ug/l  
 RT: 3.02 min Scan# 387  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
101	100		
103	68.1	51.8	77.6

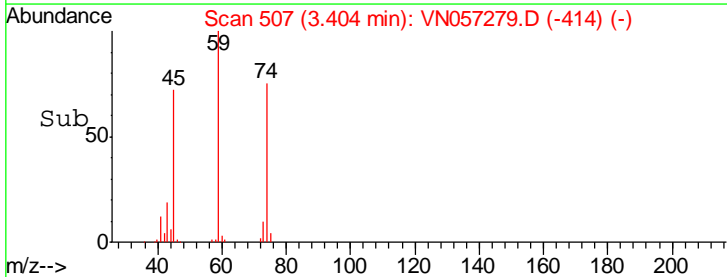
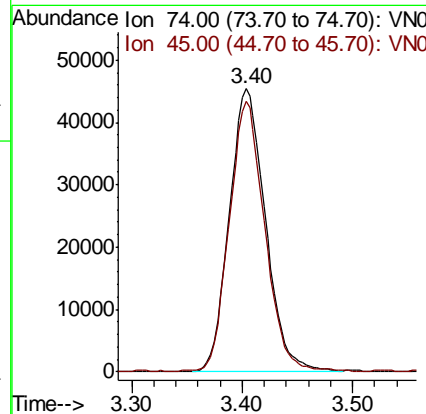
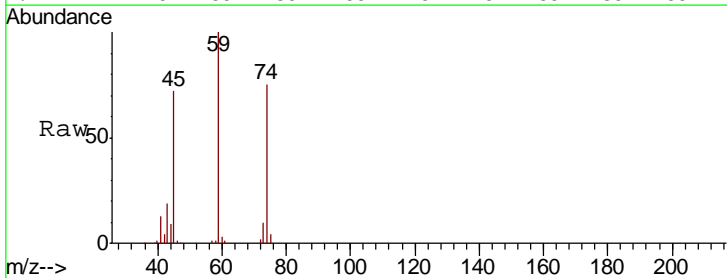
Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2019 1:52:50 AM

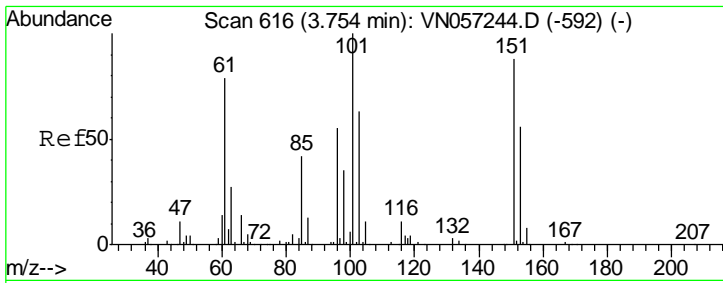


#8  
 Diethyl Ether  
 Concen: 22.123 ug/l  
 RT: 3.40 min Scan# 507  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
74	100		
45	94.2	45.1	135.2







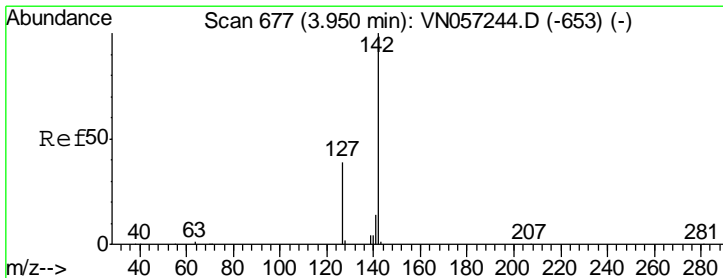
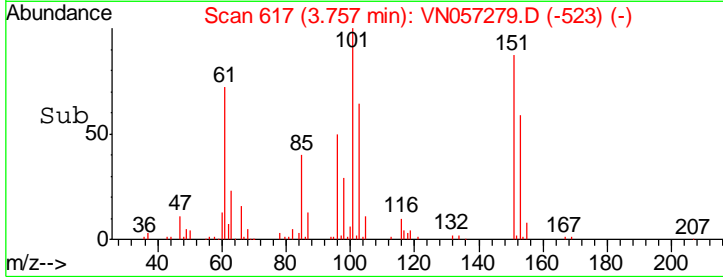
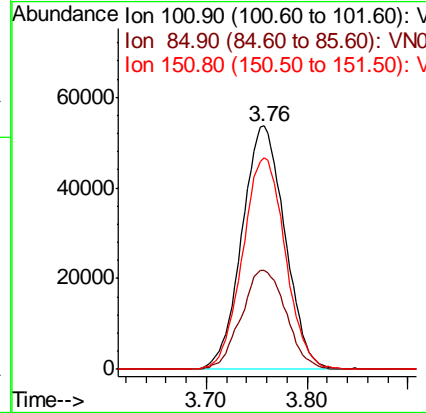
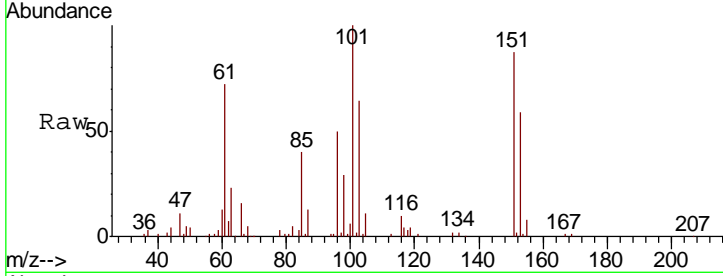
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 20.503 ug/l  
 RT: 3.76 min Scan# 617  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

Tgt Ion	Resp	Lower	Upper
101	158662		
101	100		
85	42.2	32.7	49.1
151	86.6	70.1	105.1

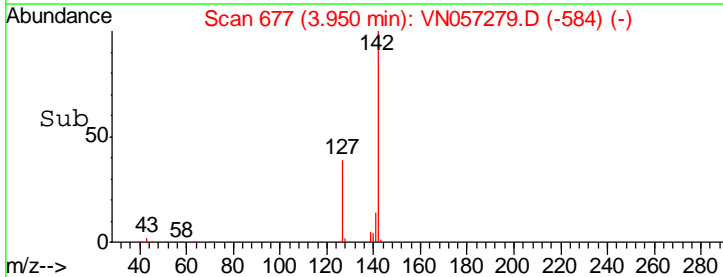
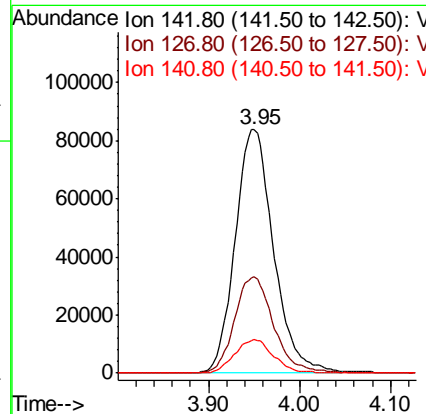
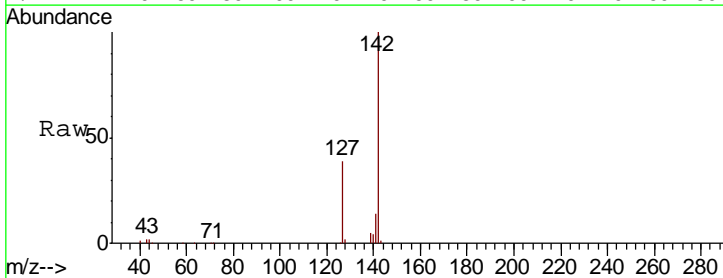
Manual Integrations  
 APPROVED

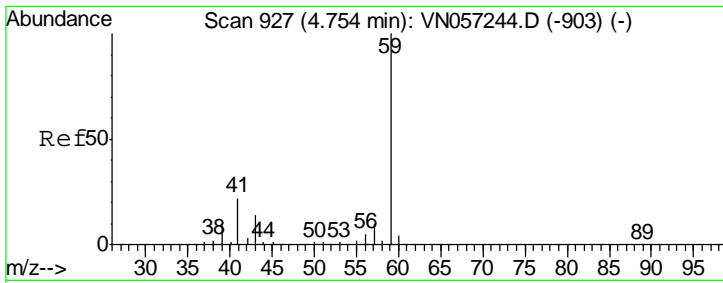
MMDadoda  
 8/19/2019 1:52:50 AM



#10  
 Methyl Iodide  
 Concen: 20.469 ug/l  
 RT: 3.95 min Scan# 677  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
142	246070		
142	100		
127	40.2	30.7	46.1
141	13.9	11.0	16.6





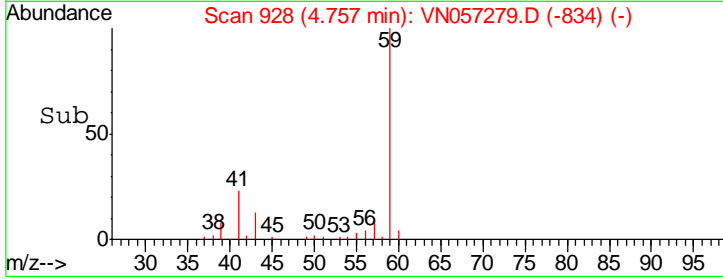
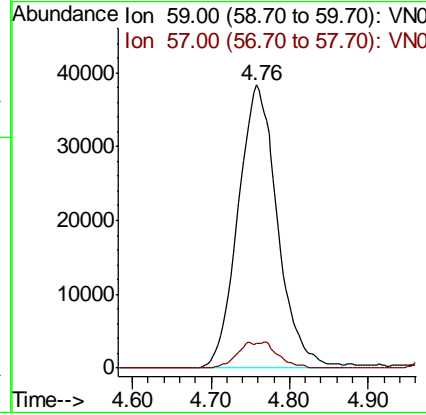
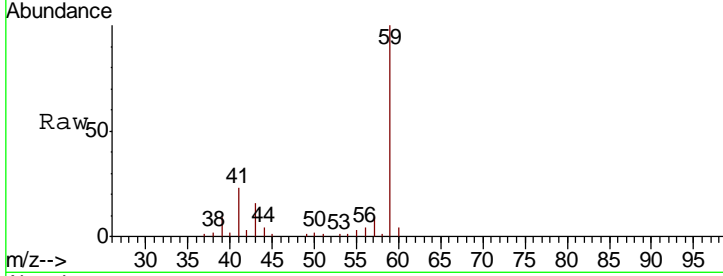
#11  
 Tert butyl alcohol  
 Concen: 112.539 ug/l  
 RT: 4.76 min Scan# 928  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

Tgt Ion	Resp	Lower	Upper
59	100		
57	4.0	3.4	5.2

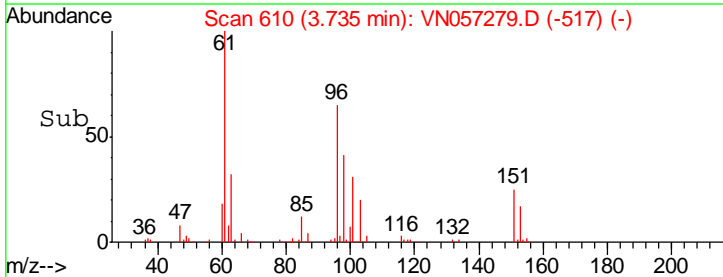
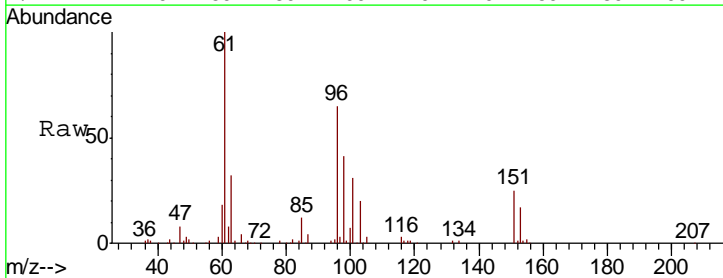
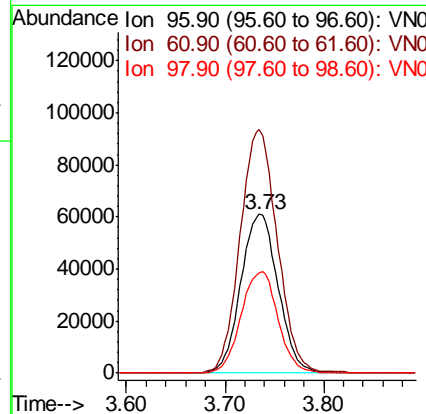
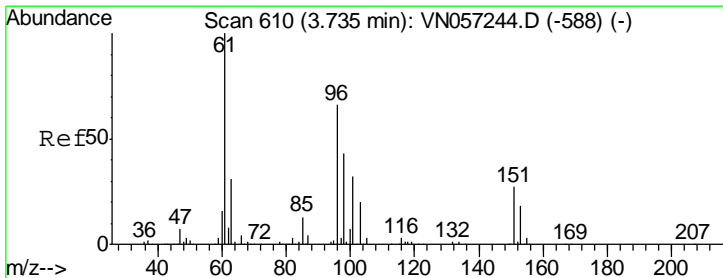
Manual Integrations  
 APPROVED

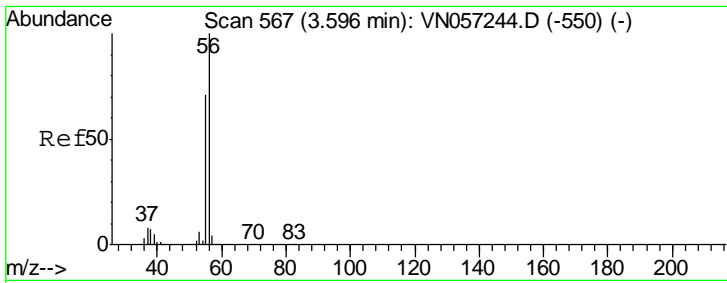
MMDadoda  
 8/19/2019 1:52:50 AM



#12  
 1,1-Dichloroethene  
 Concen: 20.896 ug/l  
 RT: 3.73 min Scan# 610  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

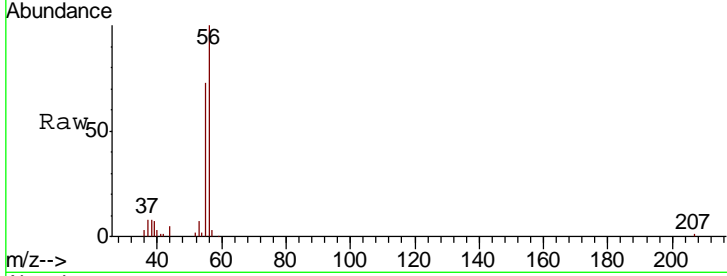
Tgt Ion	Resp	Lower	Upper
96	100		
61	153.4	121.1	181.7
98	63.1	52.0	78.0





#13  
 Acrolein  
 Concen: 106.054 ug/l  
 RT: 3.60 min Scan# 567  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

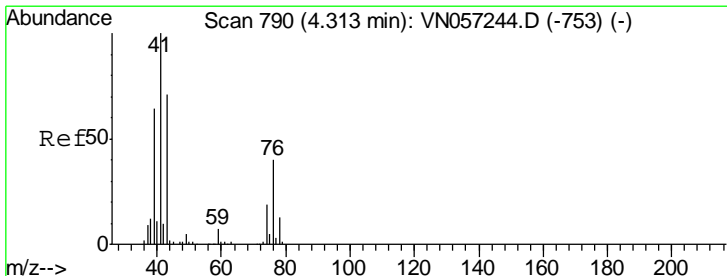
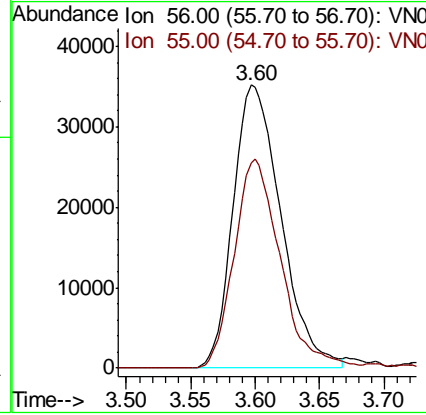
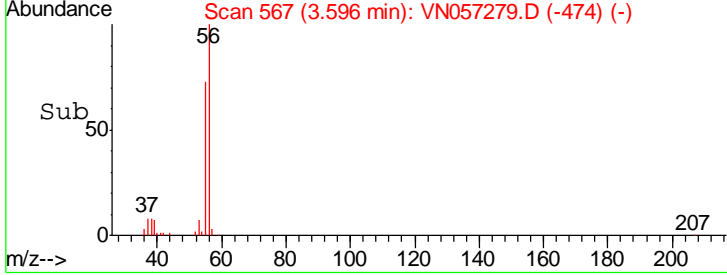
Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01



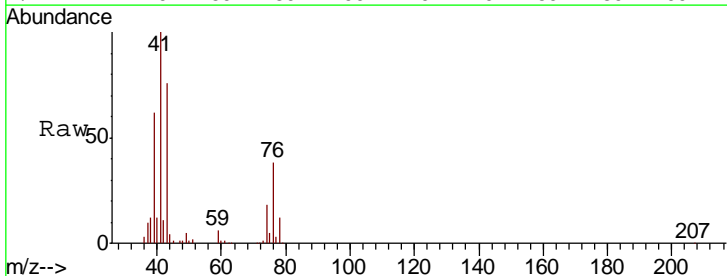
Tgt Ion: 56 Resp: 90949

Ion	Ratio	Lower	Upper
56	100		
55	71.4	56.6	84.8

Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM

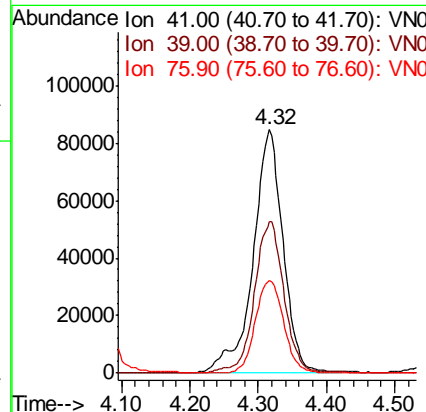
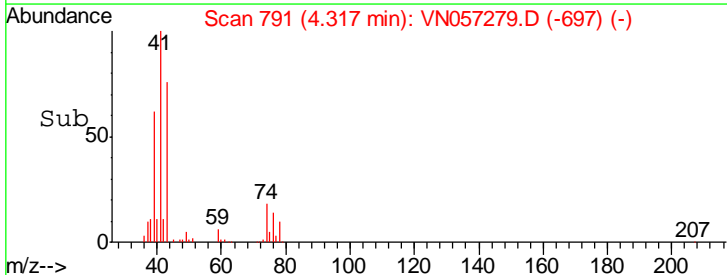


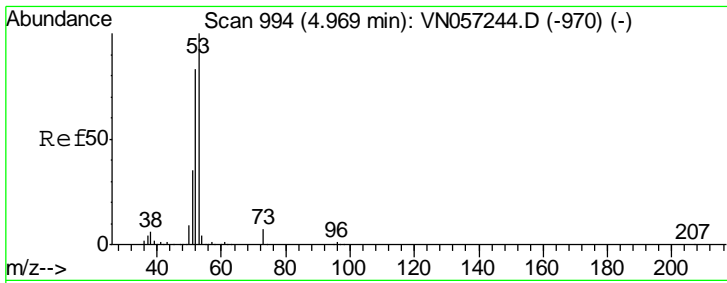
#14  
 Allyl chloride  
 Concen: 22.087 ug/l  
 RT: 4.32 min Scan# 791  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42



Tgt Ion: 41 Resp: 257259

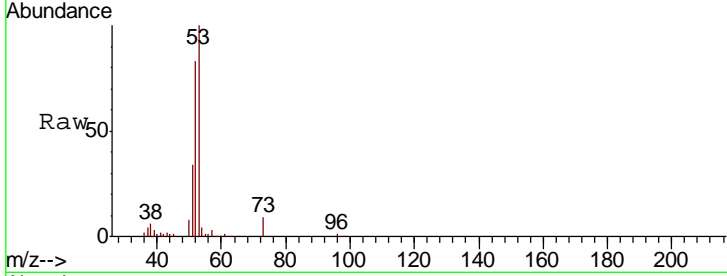
Ion	Ratio	Lower	Upper
41	100		
39	61.5	48.5	72.7
76	36.0	29.8	44.8





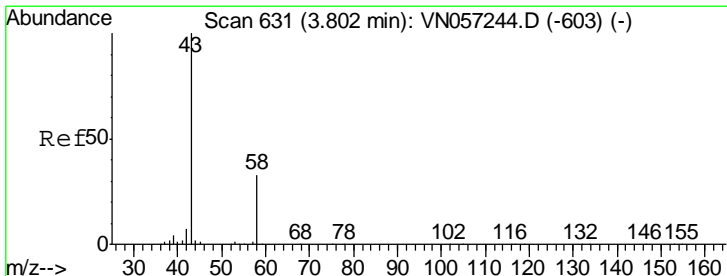
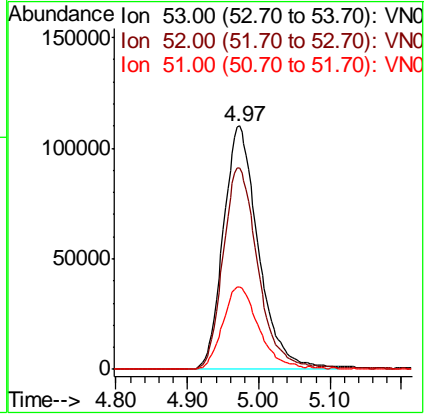
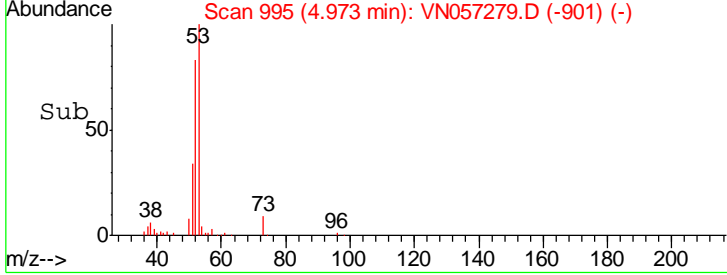
#15  
 Acrylonitrile  
 Concen: 111.546 ug/l  
 RT: 4.97 min Scan# 995  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

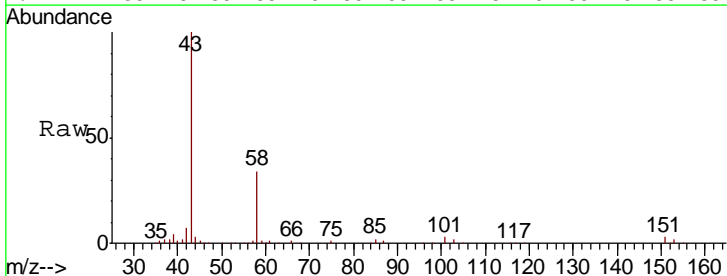


Tgt Ion	Resp	Lower	Upper
53	100		
52	82.2	65.9	98.9
51	34.7	27.8	41.6

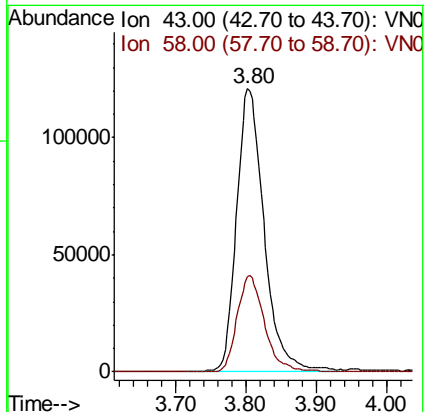
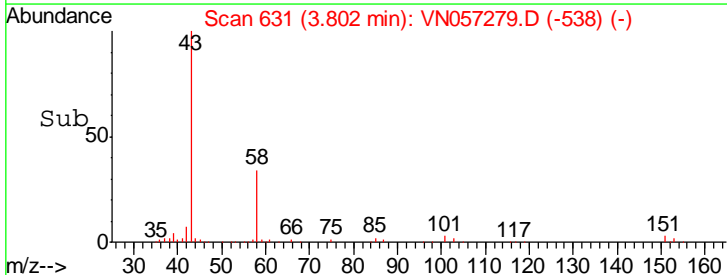
Manual Integrations APPROVED  
 MMDadoda  
 8/19/2019 1:52:50 AM

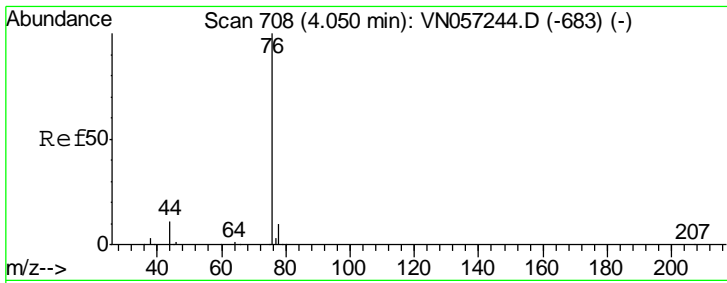


#16  
 Acetone  
 Concen: 108.299 ug/l  
 RT: 3.80 min Scan# 631  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42



Tgt Ion	Resp	Lower	Upper
43	100		
58	33.6	26.7	40.1





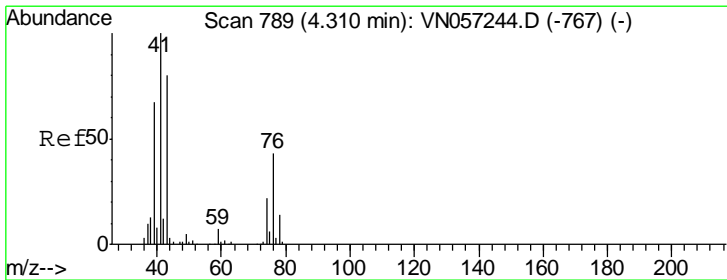
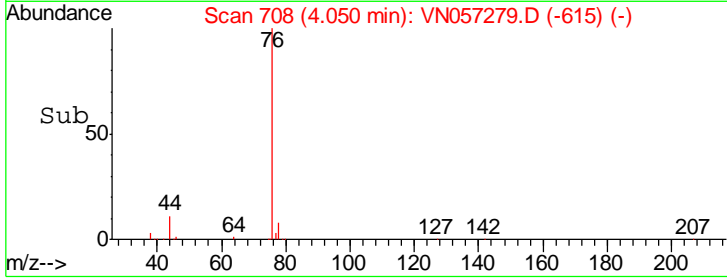
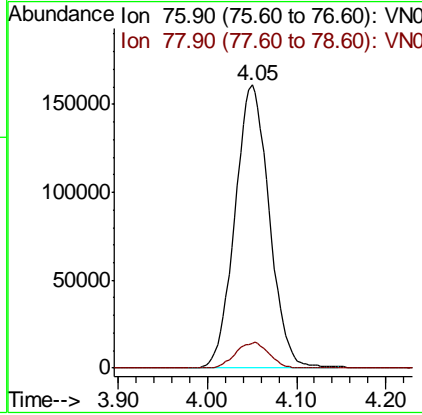
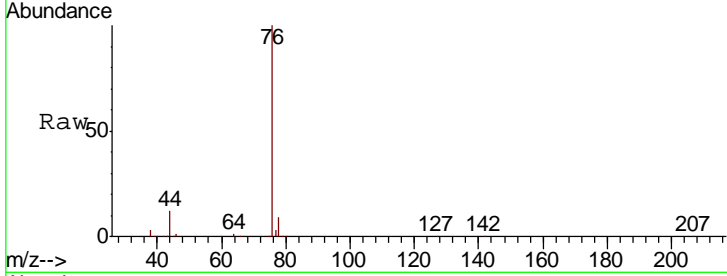
#17  
 Carbon Disulfide  
 Concen: 20.528 ug/l  
 RT: 4.05 min Scan# 708  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

Tgt Ion	Resp	Lower	Upper
76	430813		
76	100		
78	8.6	7.7	11.5

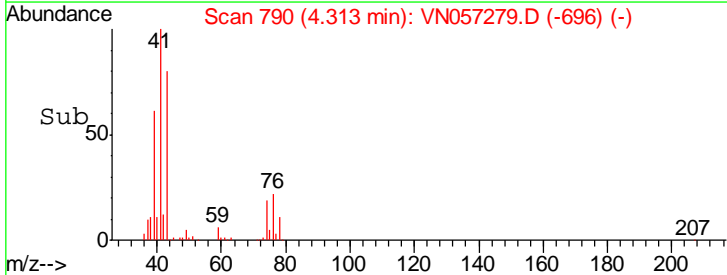
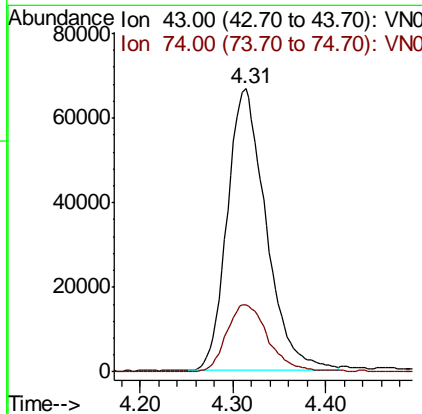
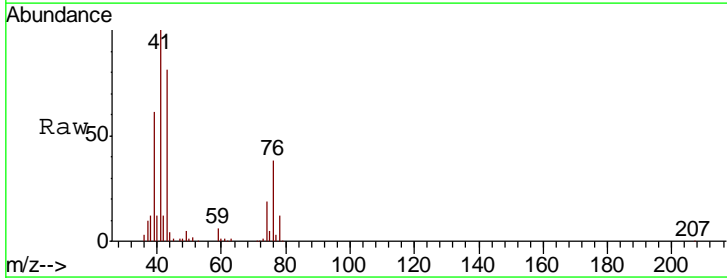
Manual Integrations  
 APPROVED

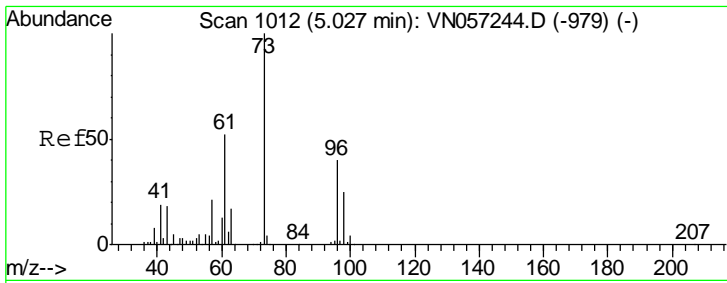
MMDadoda  
 8/19/2019 1:52:50 AM



#18  
 Methyl Acetate  
 Concen: 24.047 ug/l  
 RT: 4.31 min Scan# 790  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
43	193919		
43	100		
74	25.3	20.6	31.0





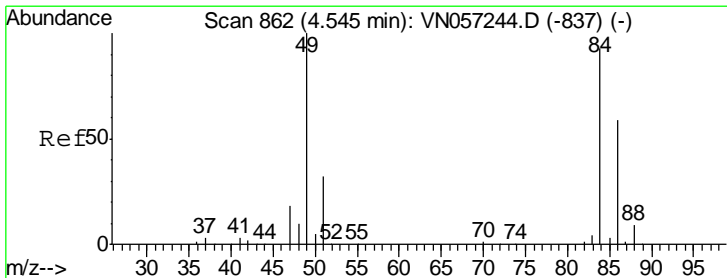
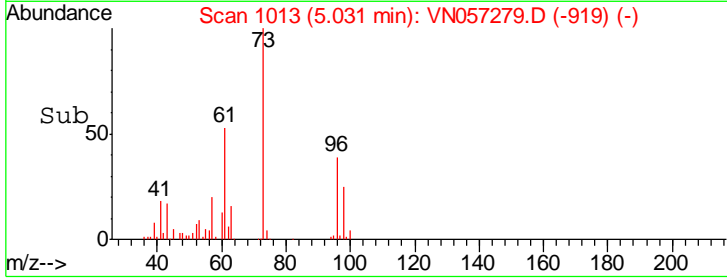
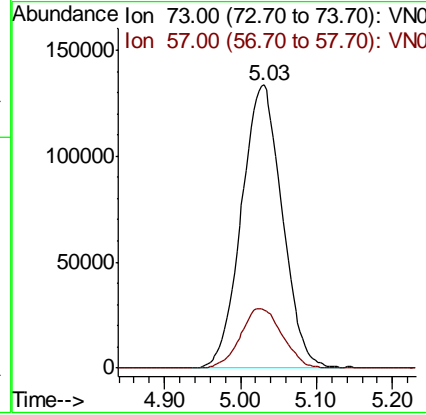
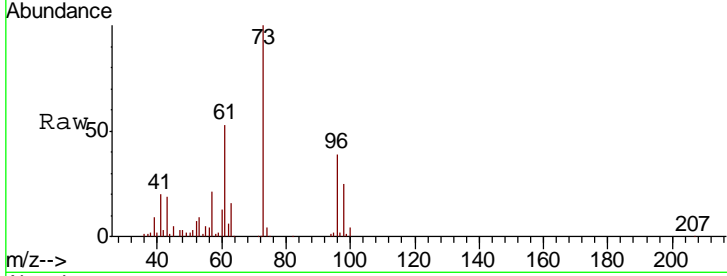
#19  
 Methyl tert-butyl Ether  
 Concen: 21.667 ug/l  
 RT: 5.03 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

Tgt Ion	Resp	Lower	Upper
73	100		
57	20.7	17.1	25.7

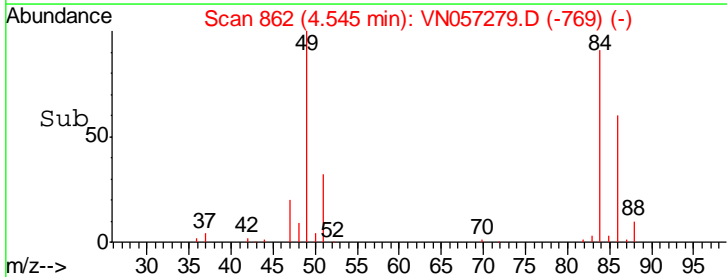
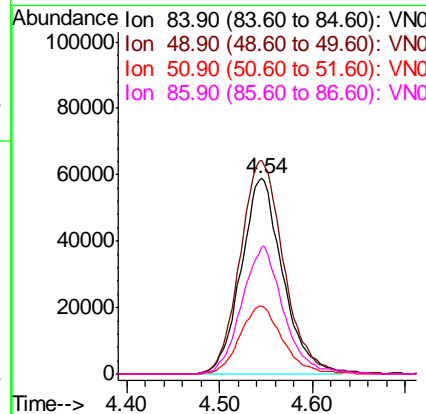
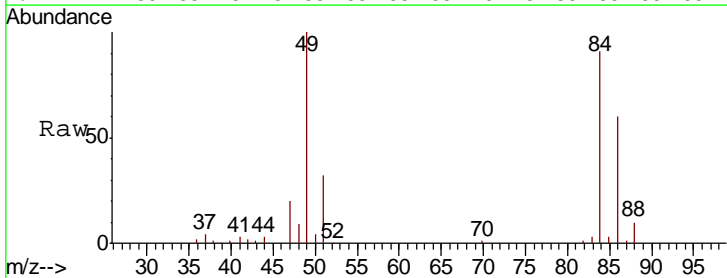
Manual Integrations  
 APPROVED

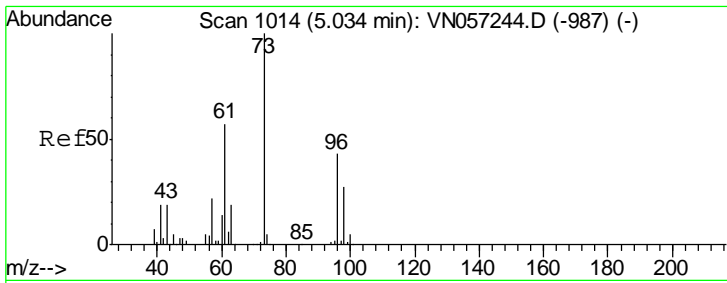
MMDadoda  
 8/19/2019 1:52:50 AM



#20  
 Methylene Chloride  
 Concen: 20.609 ug/l  
 RT: 4.54 min Scan# 862  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
84	100		
49	109.3	85.9	128.9
51	34.6	27.1	40.7
86	65.2	51.0	76.6





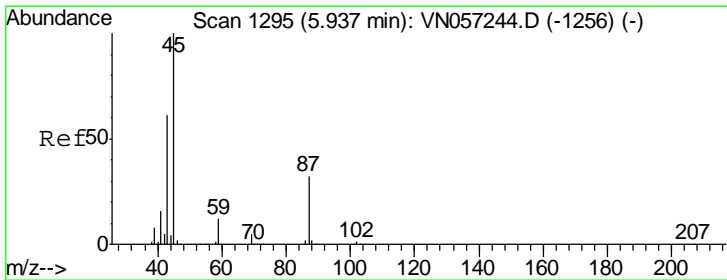
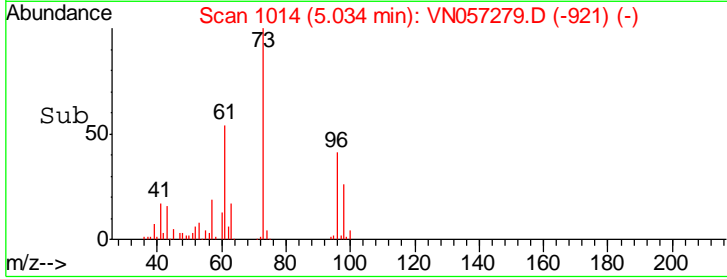
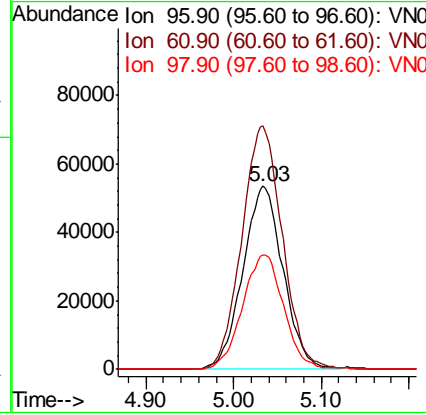
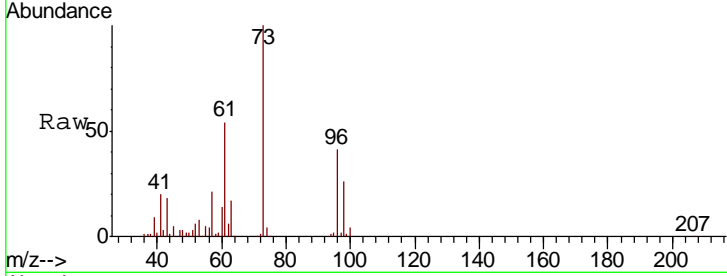
#21  
 trans-1,2-Dichloroethene  
 Concen: 20.846 ug/l  
 RT: 5.03 min Scan# 1014  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0814WBS01

Tgt Ion	Resp	Lower	Upper
96	170618		
61	132.8	104.6	156.8
98	62.5	49.7	74.5

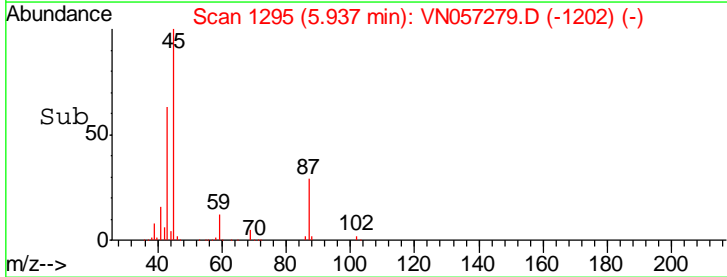
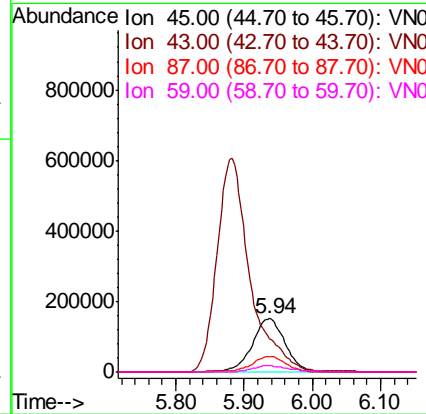
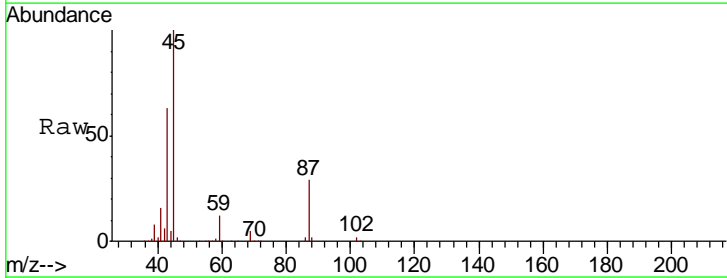
**Manual Integrations**  
**APPROVED**

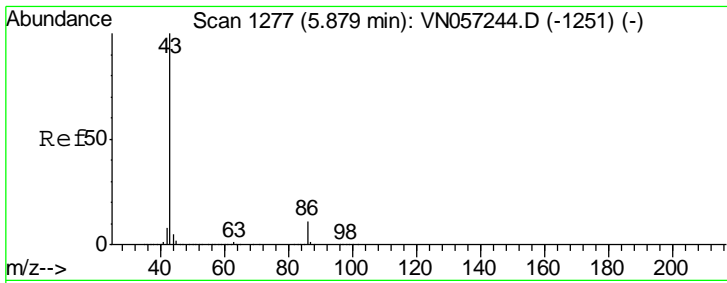
MMDadoda  
 8/19/2019 1:52:50 AM



#22  
 Diisopropyl ether  
 Concen: 22.236 ug/l  
 RT: 5.94 min Scan# 1295  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
45	509218		
43	61.6	48.9	73.3
87	29.0	25.5	38.3
59	11.9	9.7	14.5





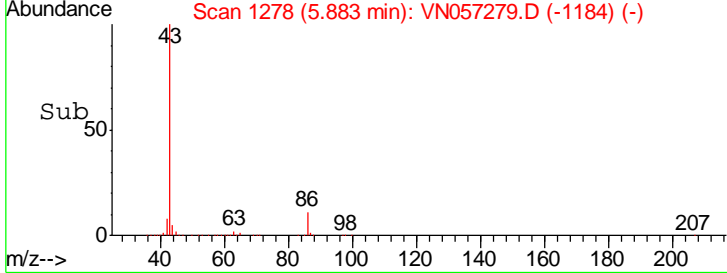
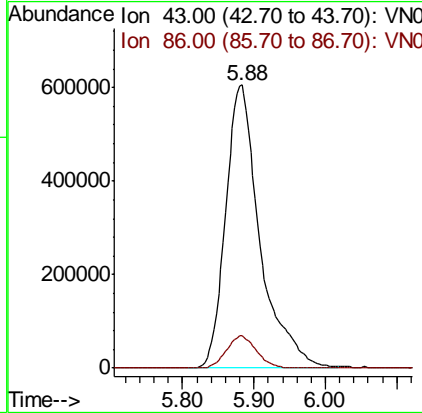
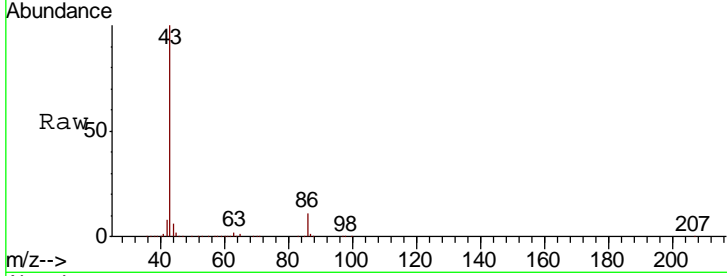
#23  
 Vinyl Acetate  
 Concen: 111.912 ug/l  
 RT: 5.88 min Scan# 1278  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0814WBS01

Tgt Ion: 43 Resp: 2030871

Ion	Ratio	Lower	Upper
43	100		
86	11.3	9.2	13.8

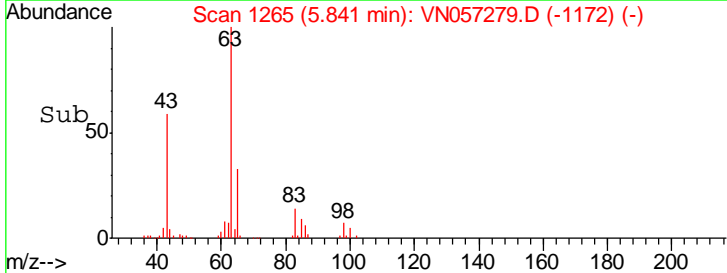
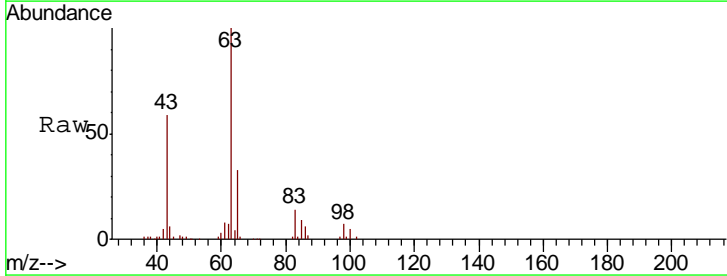
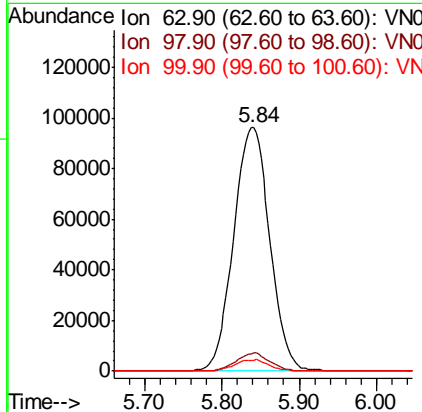
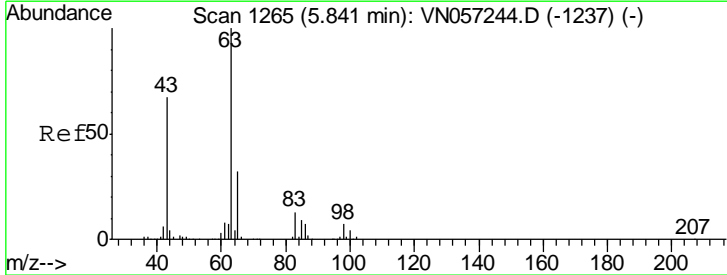
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



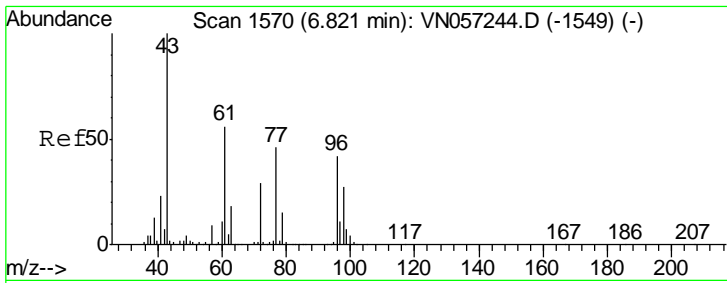
#24  
 1,1-Dichloroethane  
 Concen: 21.614 ug/l  
 RT: 5.84 min Scan# 1265  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion: 63 Resp: 311853

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.3	9.9
100	4.6	2.1	6.2





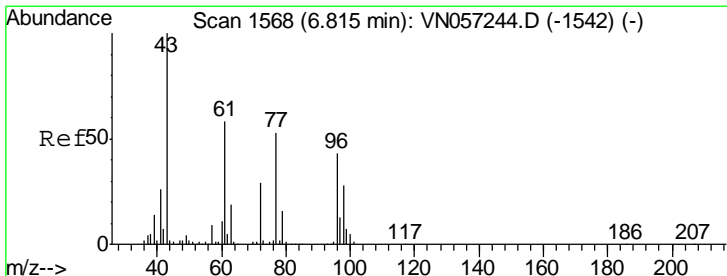
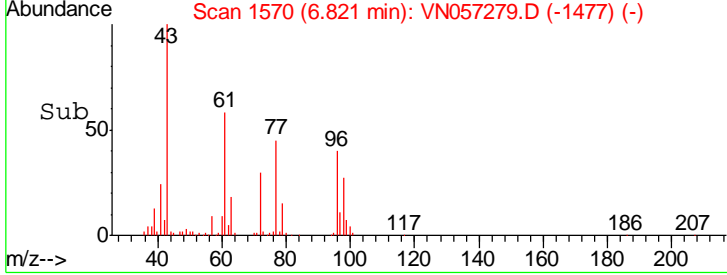
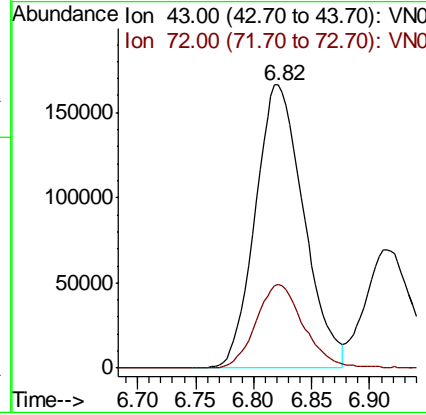
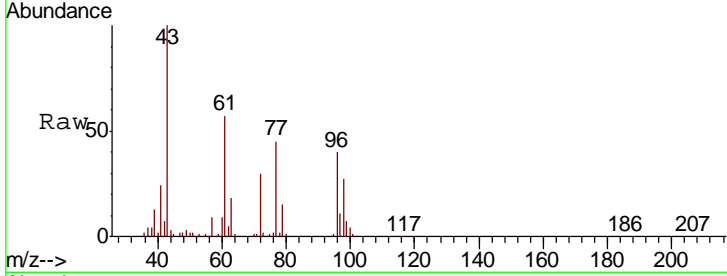


#25  
 2-Butanone  
 Concen: 110.943 ug/l  
 RT: 6.82 min Scan# 1570  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

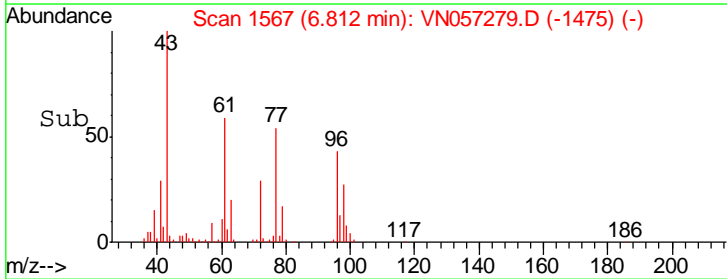
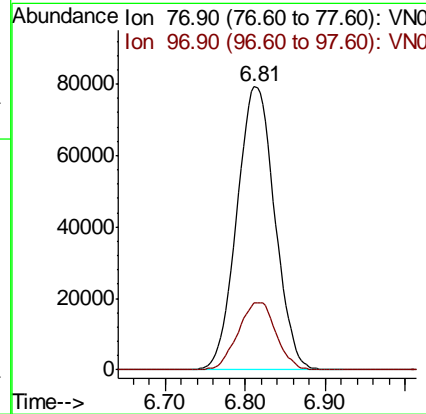
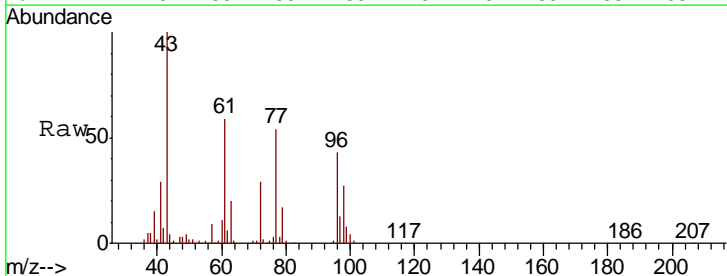
Tgt Ion: 43 Resp: 481334  
 Ion Ratio Lower Upper  
 43 100  
 72 29.7 23.1 34.7

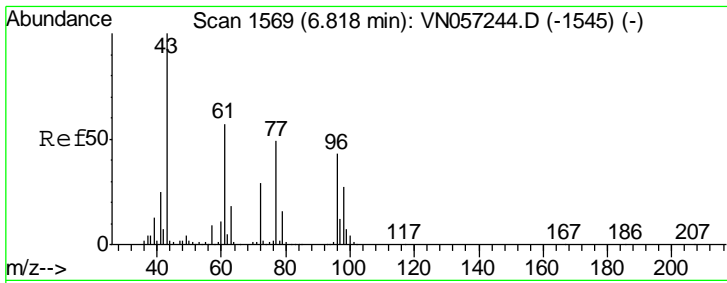
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#26  
 2,2-Dichloropropane  
 Concen: 21.473 ug/l  
 RT: 6.81 min Scan# 1567  
 Delta R.T. -0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion: 77 Resp: 254178  
 Ion Ratio Lower Upper  
 77 100  
 97 24.0 12.1 36.3





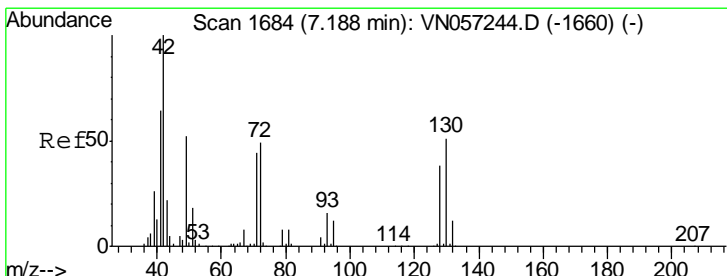
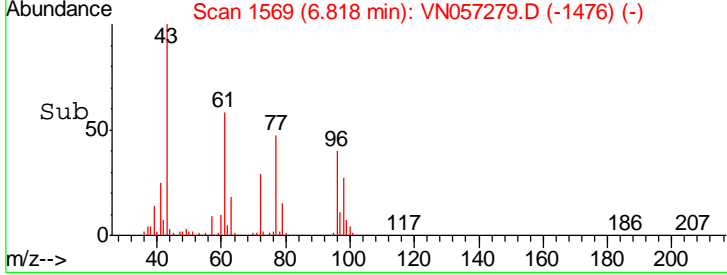
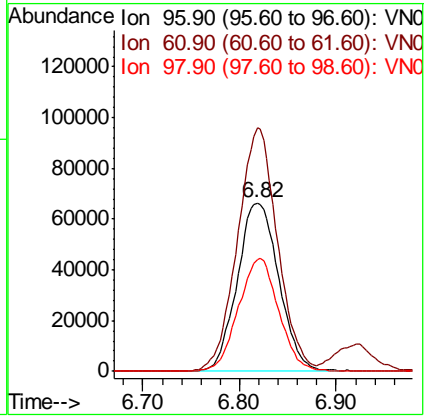
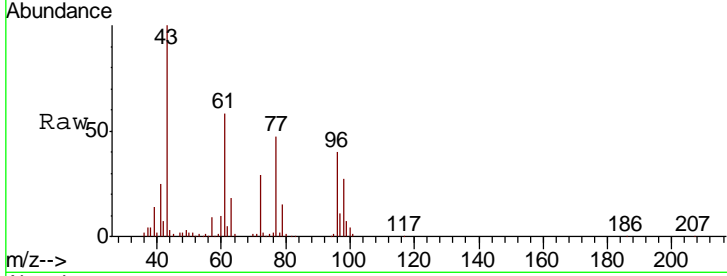
#27  
 cis-1,2-Dichloroethene  
 Concen: 21.011 ug/l  
 RT: 6.82 min Scan# 1569  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
96	198309		
96	100		
61	138.8	0.0	271.0
98	65.1	0.0	129.2

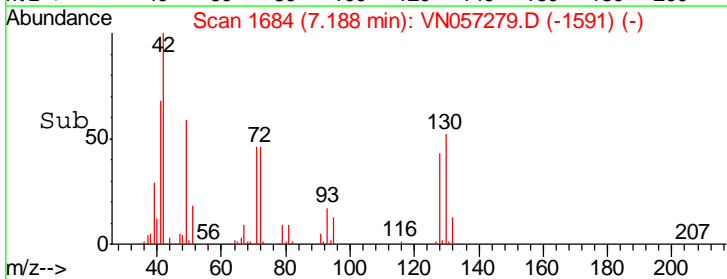
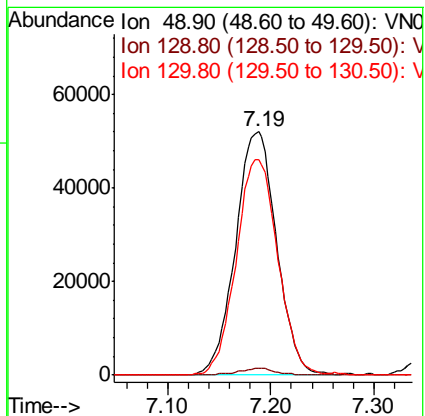
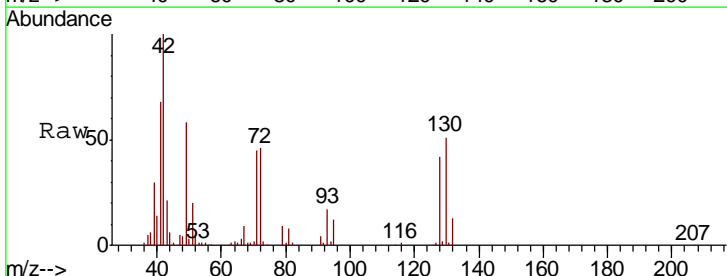
Manual Integrations  
 APPROVED

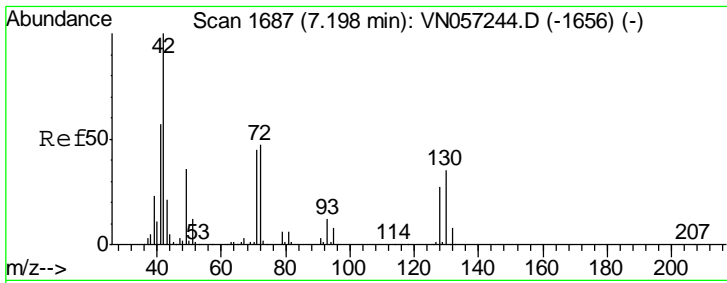
MMDadoda  
 8/19/2019 1:52:50 AM



#28  
 Bromochloromethane  
 Concen: 22.653 ug/l  
 RT: 7.19 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
49	144226		
49	100		
129	2.5	0.0	3.0
130	89.6	75.6	113.4





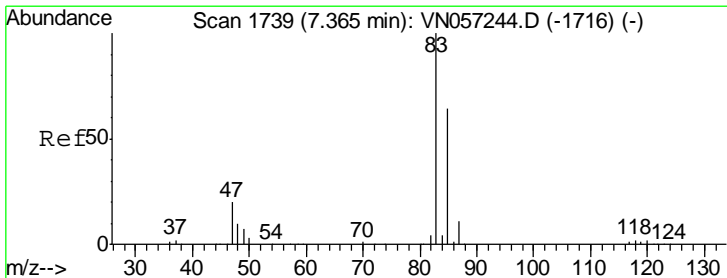
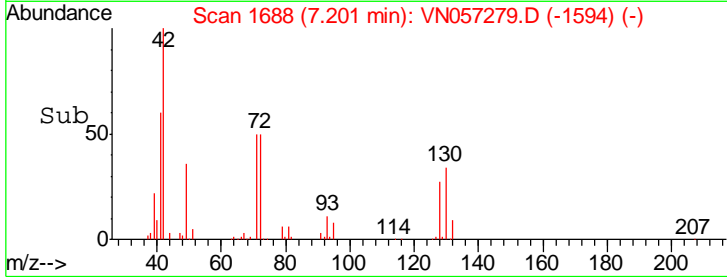
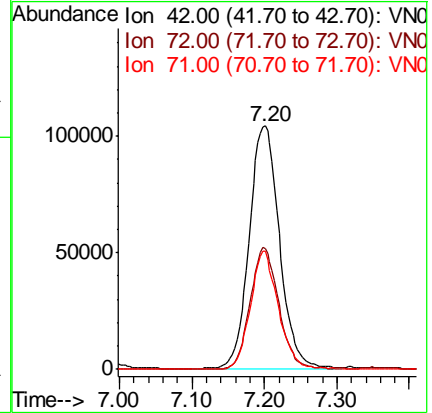
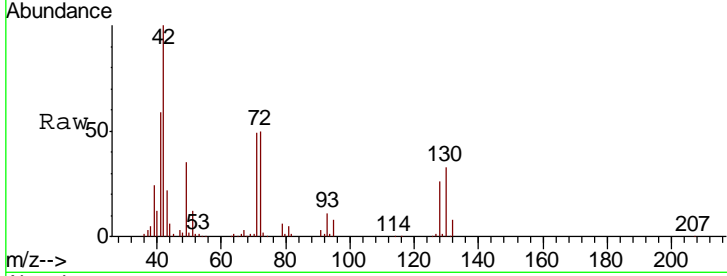
#29  
 Tetrahydrofuran  
 Concen: 110.428 ug/l  
 RT: 7.20 min Scan# 1688  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
42	100		
72	46.7	37.6	56.4
71	44.5	35.6	53.4

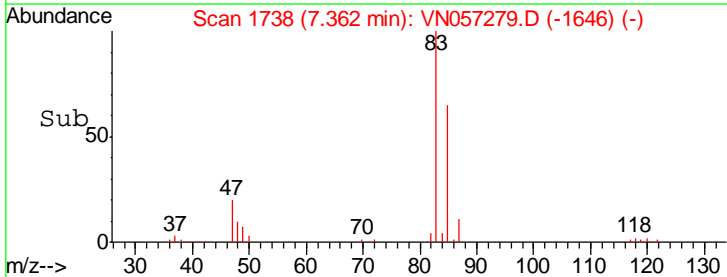
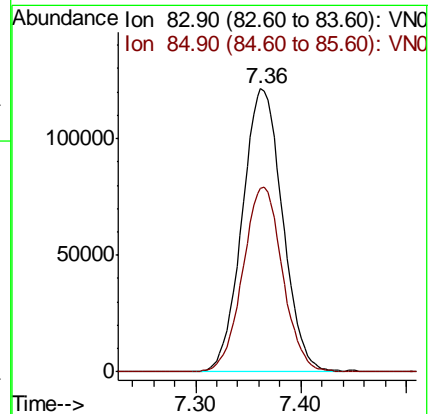
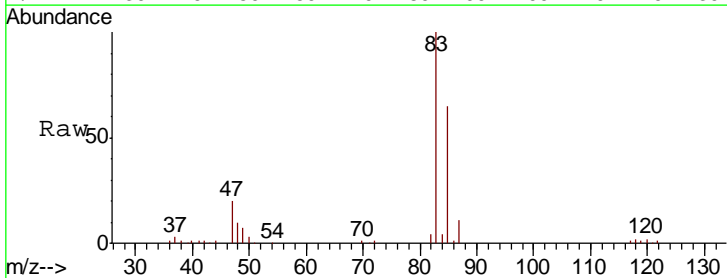
Manual Integrations  
 APPROVED

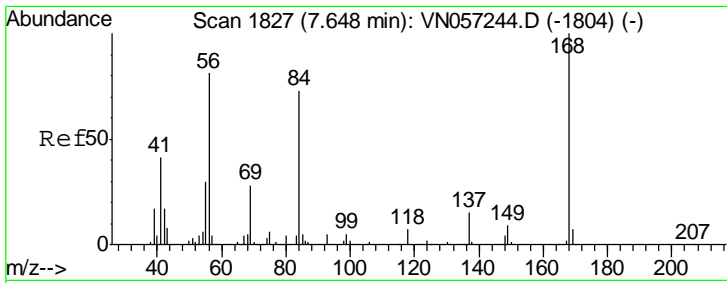
MMDadoda  
 8/19/2019 1:52:50 AM



#30  
 Chloroform  
 Concen: 21.396 ug/l  
 RT: 7.36 min Scan# 1738  
 Delta R.T. -0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.9	51.3	76.9





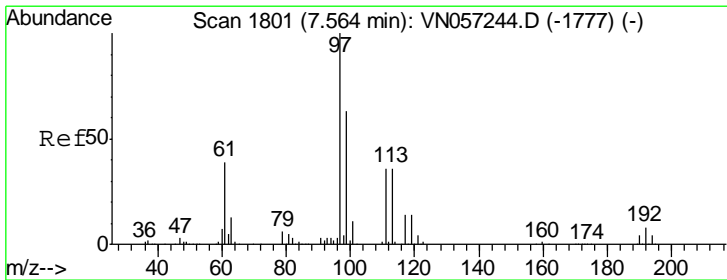
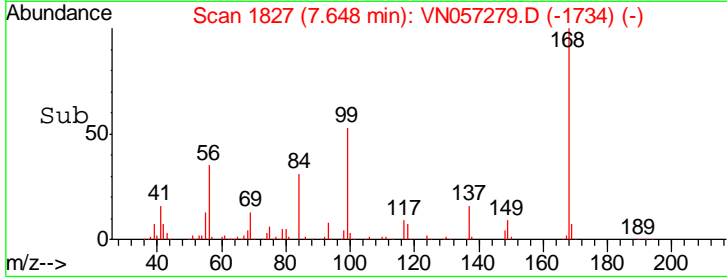
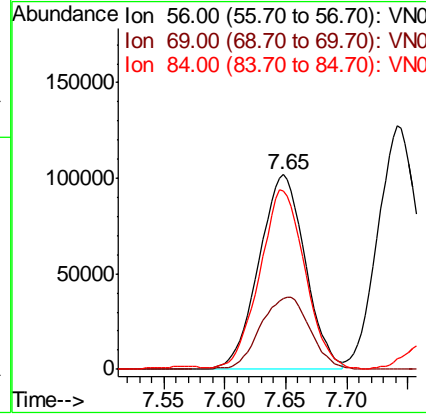
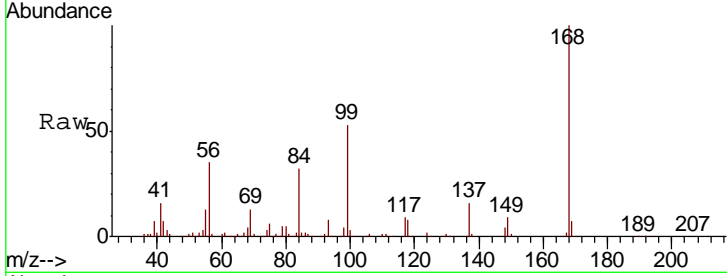
#31  
 Cyclohexane  
 Concen: 21.338 ug/l  
 RT: 7.65 min Scan# 1827  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
56	100		
69	36.2	27.8	41.8
84	90.5	72.0	108.0

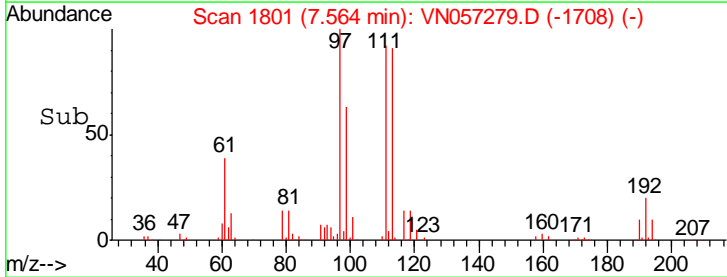
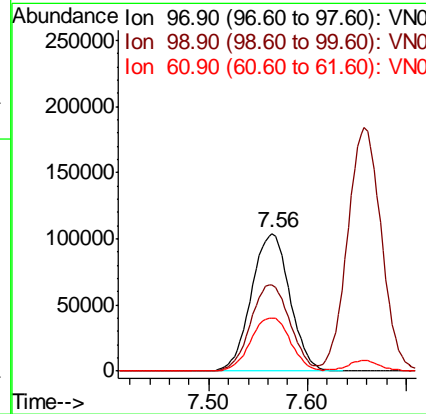
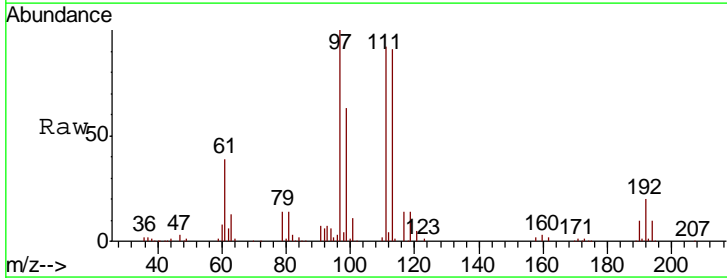
Manual Integrations  
 APPROVED

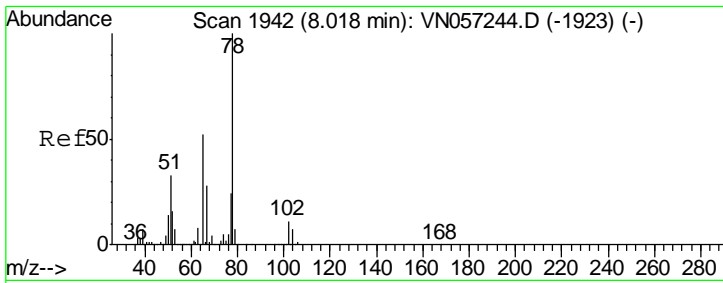
MMDadoda  
 8/19/2019 1:52:50 AM



#32  
 1,1,1-Trichloroethane  
 Concen: 21.957 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	40.0	32.1	48.1



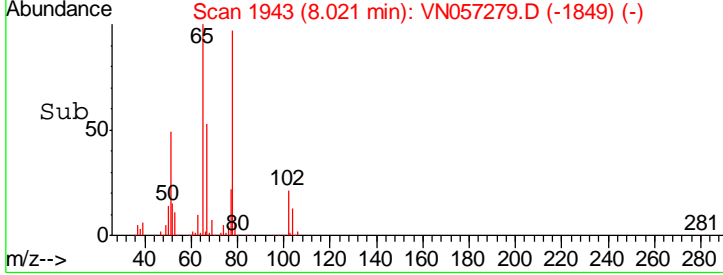
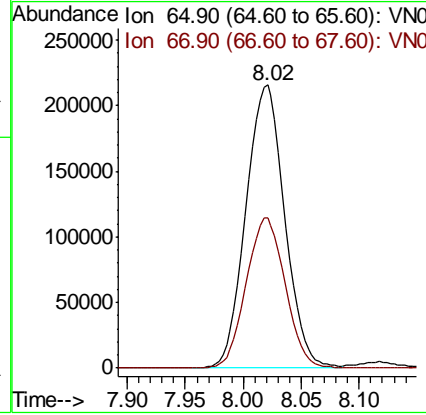
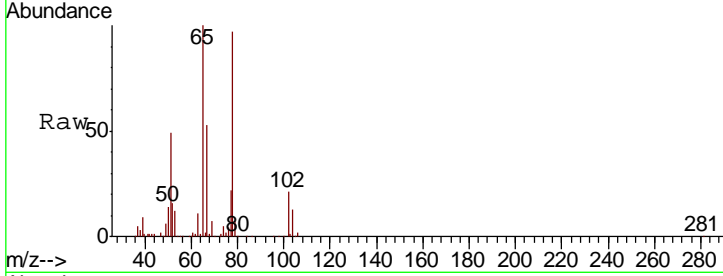


#33  
 1,2-Dichloroethane-d4  
 Concen: 56.566 ug/l  
 RT: 8.02 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0814WBS01

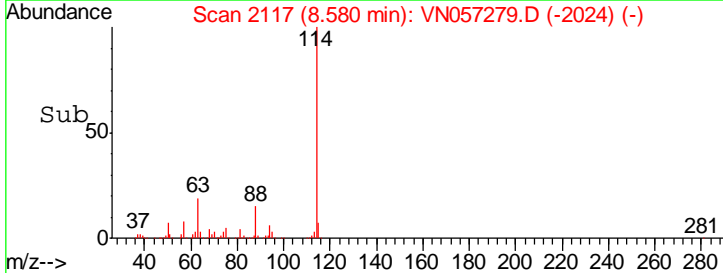
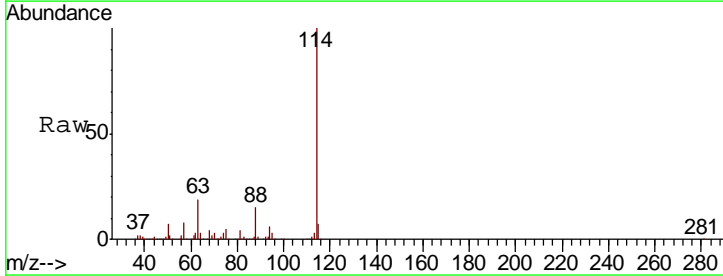
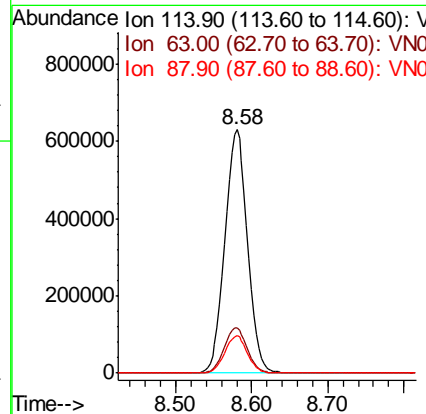
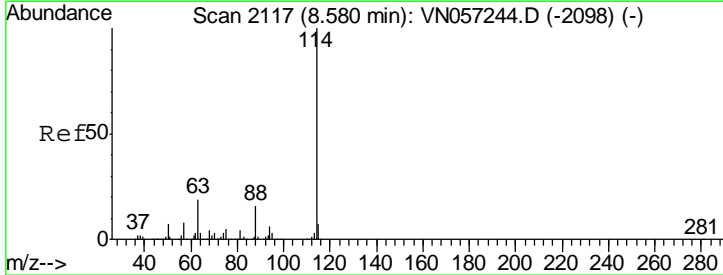
Tgt Ion	Resp	Lower	Upper
65	100		
67	53.4	0.0	107.0

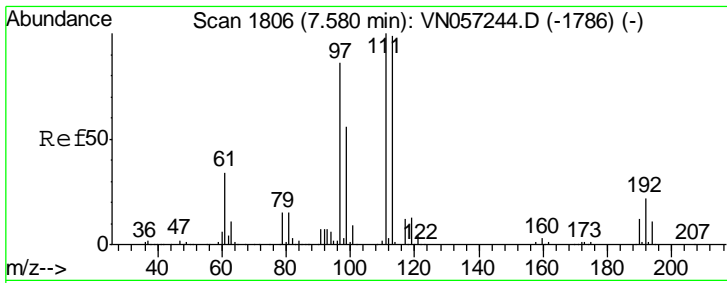
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2117  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

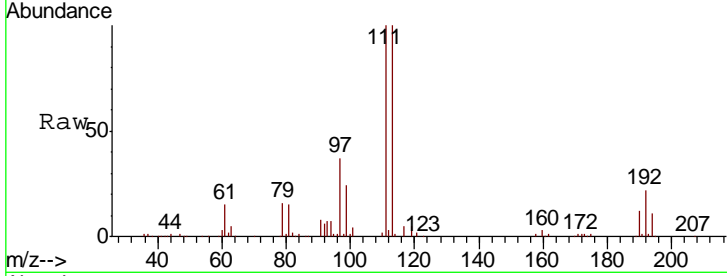
Tgt Ion	Resp	Lower	Upper
114	100		
63	18.5	0.0	37.0
88	15.5	0.0	31.0





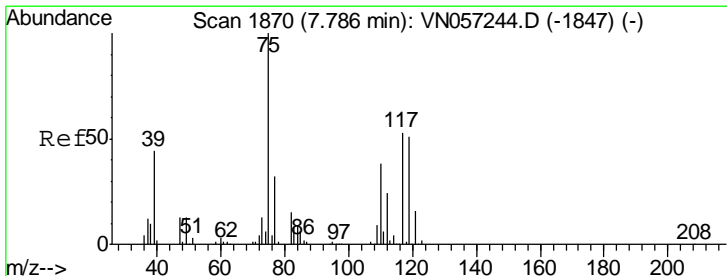
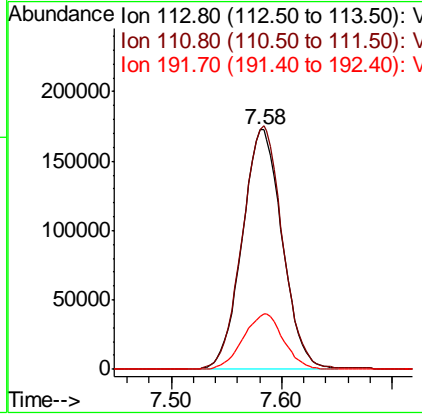
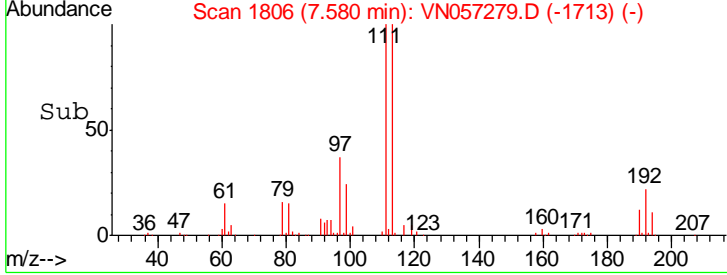
#35  
 Dibromofluoromethane  
 Concen: 52.056 ug/l  
 RT: 7.58 min Scan# 1806  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

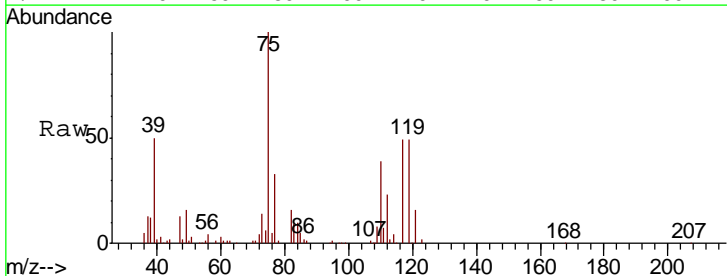


Tgt Ion	Resp	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	23.3	18.8	28.2

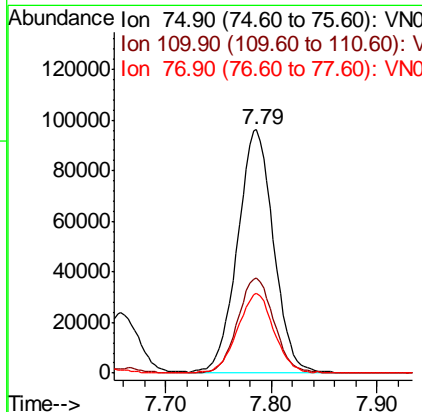
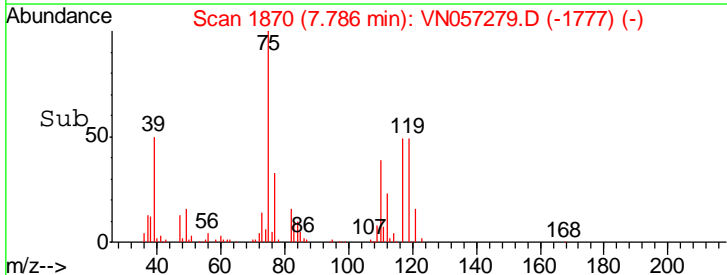
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM

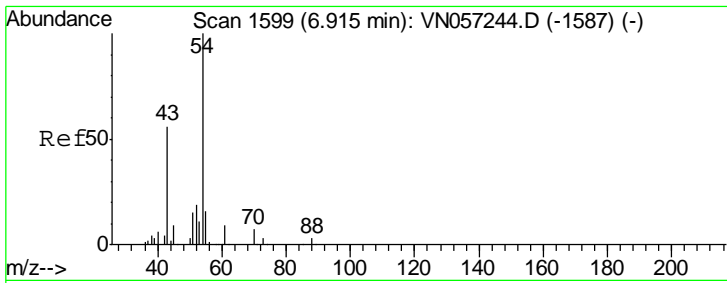


#36  
 1,1-Dichloropropene  
 Concen: 19.900 ug/l  
 RT: 7.79 min Scan# 1870  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42



Tgt Ion	Resp	Lower	Upper
75	100		
110	39.5	19.1	57.1
77	33.4	25.2	37.8





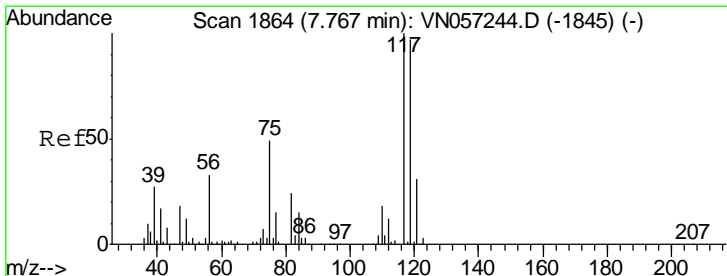
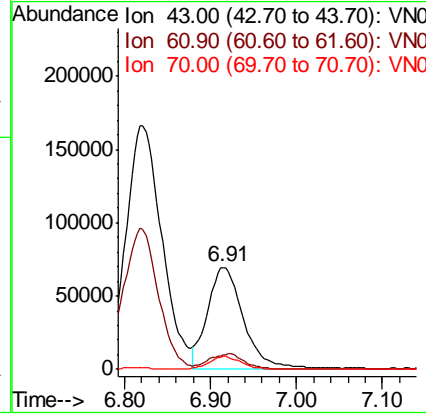
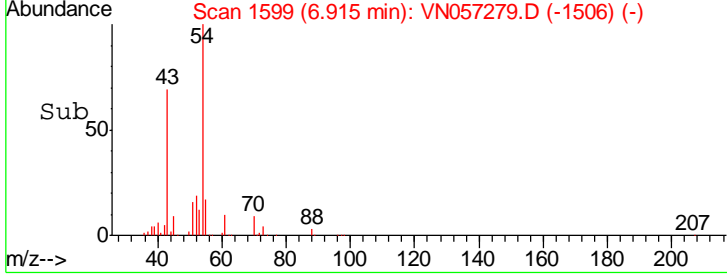
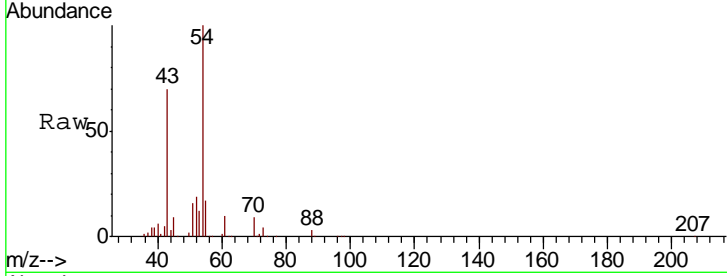
#37  
 Ethyl Acetate  
 Concen: 21.889 ug/l  
 RT: 6.91 min Scan# 1599  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
43	100		
61	14.2	12.7	19.1
70	11.4	9.0	13.4

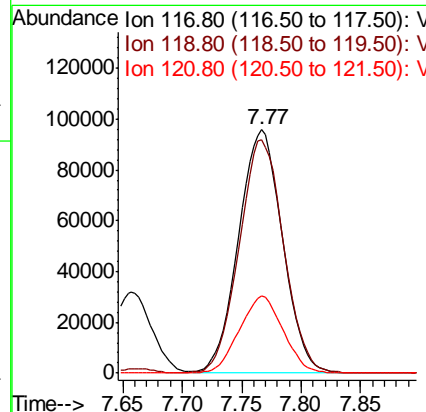
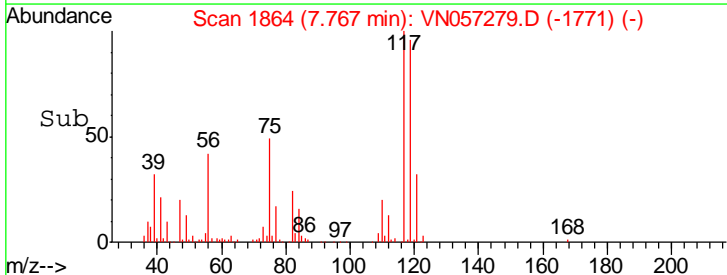
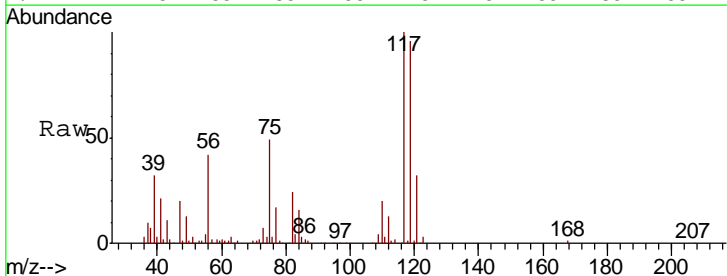
Manual Integrations  
 APPROVED

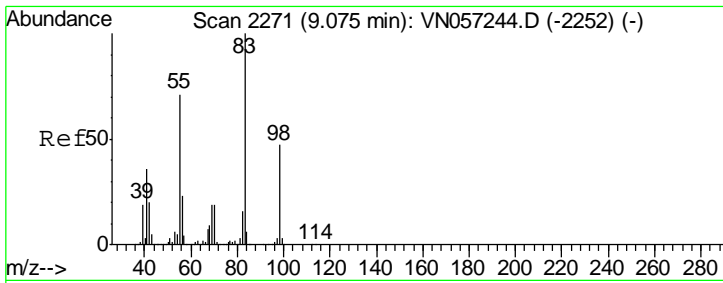
MMDadoda  
 8/19/2019 1:52:50 AM



#38  
 Carbon Tetrachloride  
 Concen: 20.164 ug/l  
 RT: 7.77 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
117	100		
119	95.7	77.8	116.6
121	31.7	24.9	37.3





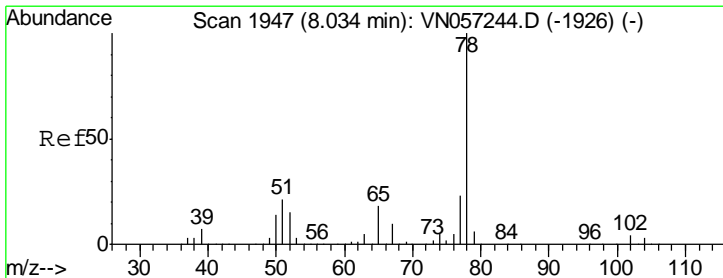
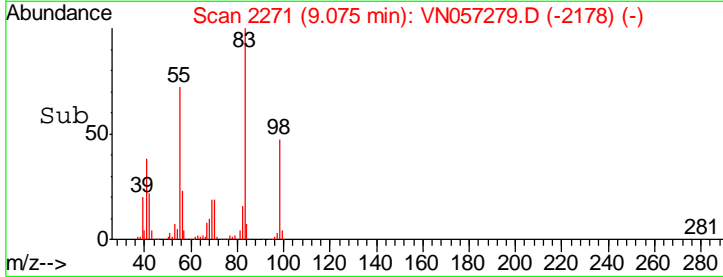
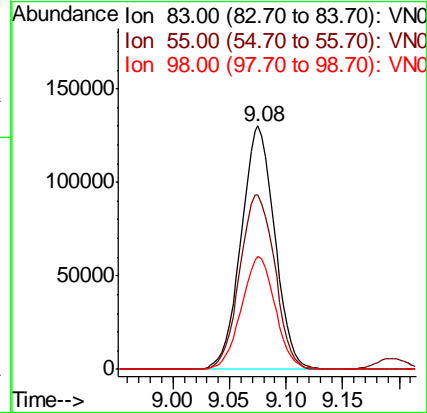
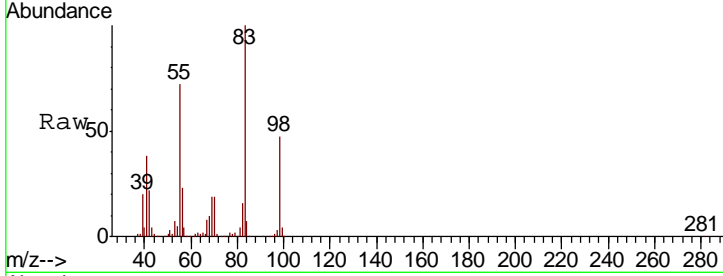
#39  
 Methylcyclohexane  
 Concen: 19.864 ug/l  
 RT: 9.08 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0814WBS01

Tgt Ion	Resp	Lower	Upper
83	100		
55	71.6	57.0	85.4
98	46.5	37.2	55.8

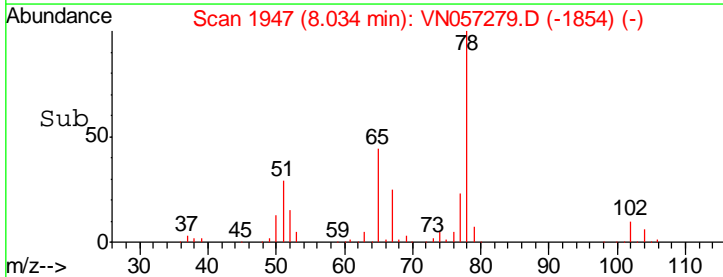
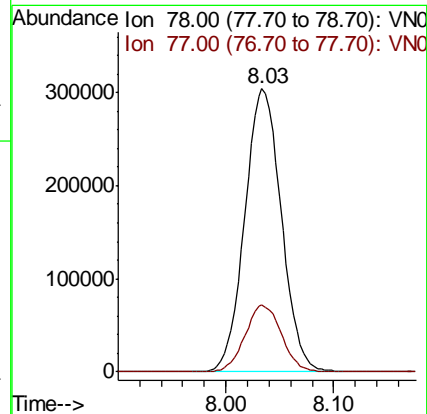
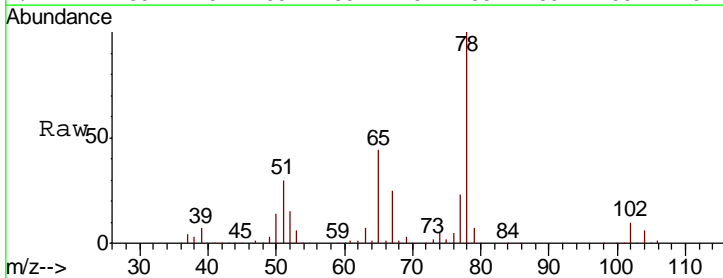
**Manual Integrations**  
**APPROVED**

MMDadoda  
 8/19/2019 1:52:50 AM

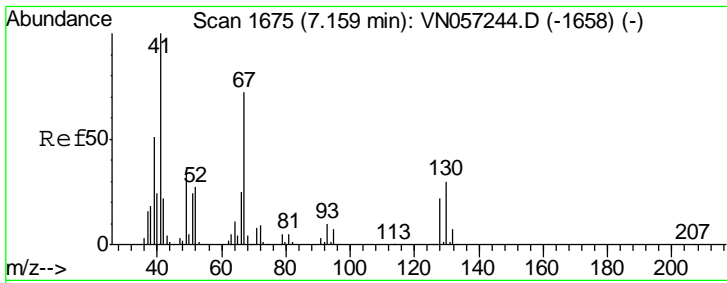


#40  
 Benzene  
 Concen: 20.661 ug/l  
 RT: 8.03 min Scan# 1947  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
78	100		
77	23.5	18.2	27.4







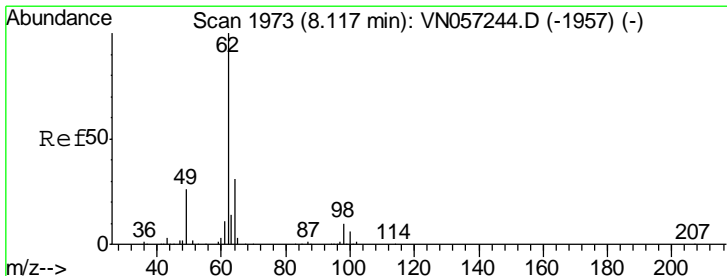
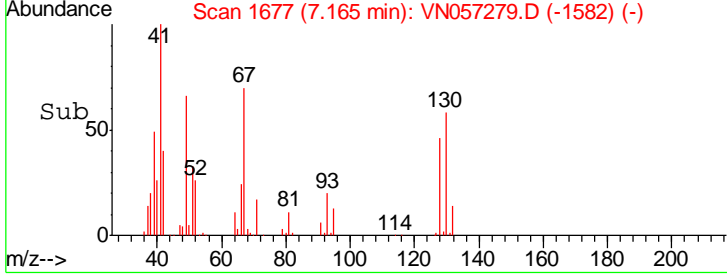
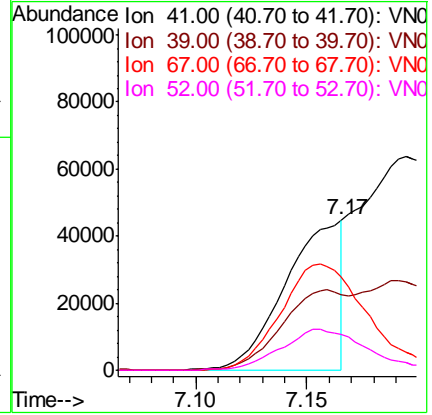
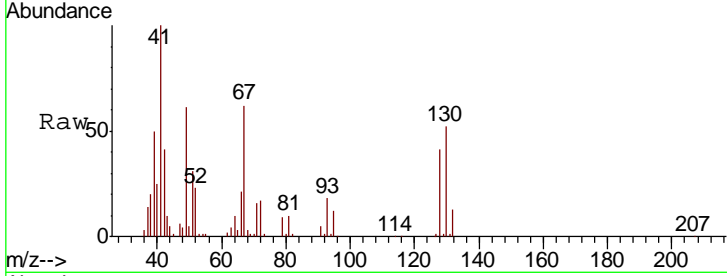
#41  
 Methacrylonitrile  
 Concen: 20.759 ug/l m  
 RT: 7.17 min Scan# 1677  
 Delta R.T. 0.01 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

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

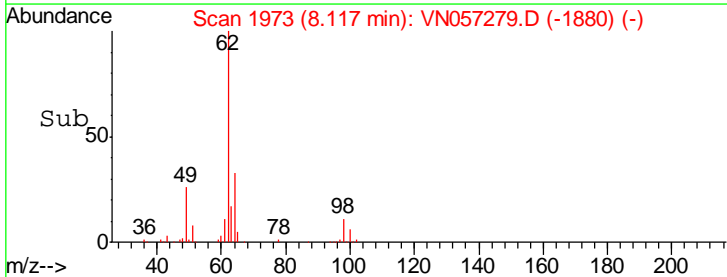
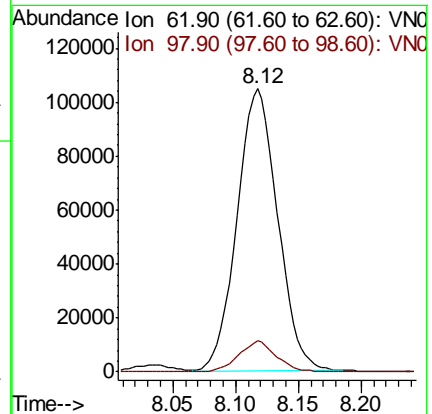
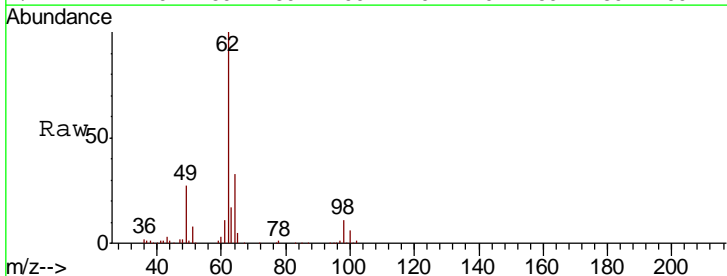
Manual Integrations  
 APPROVED

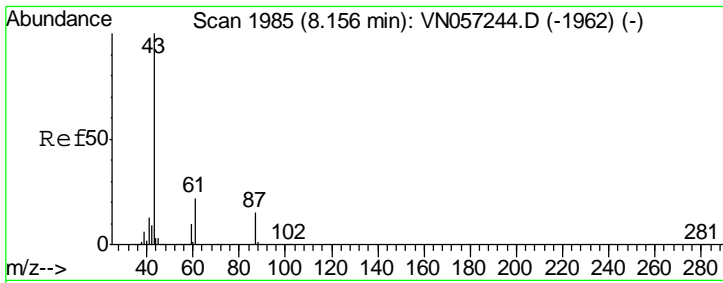
MMDadoda  
 8/19/2019 1:52:50 AM



#42  
 1,2-Dichloroethane  
 Concen: 21.200 ug/l  
 RT: 8.12 min Scan# 1973  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
62	100		
98	10.1	0.0	20.0





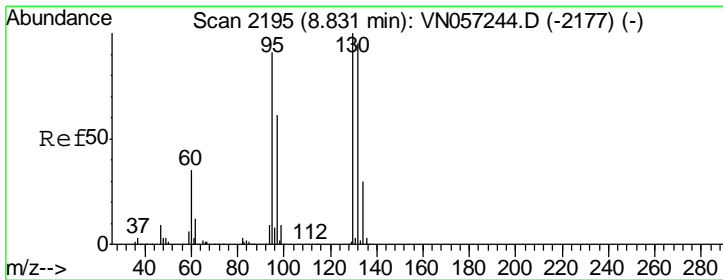
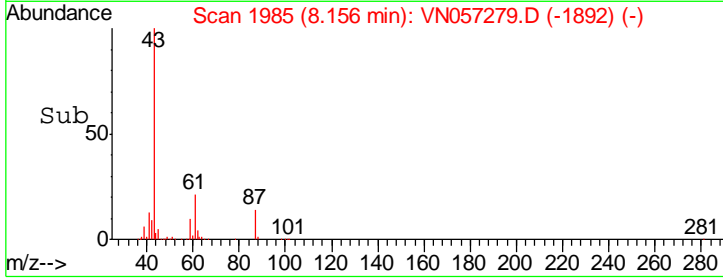
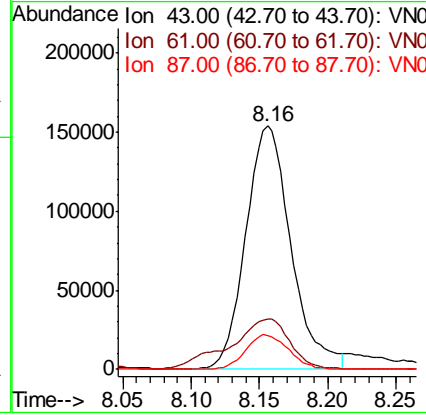
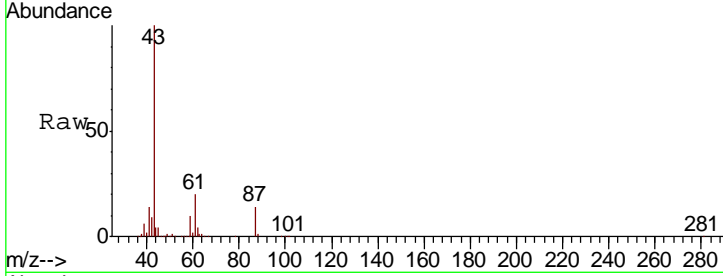
#43  
 Isopropyl Acetate  
 Concen: 23.319 ug/l  
 RT: 8.16 min Scan# 1985  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

Tgt Ion	Resp	Lower	Upper
43	100		
61	27.3	23.5	35.3
87	13.8	12.1	18.1

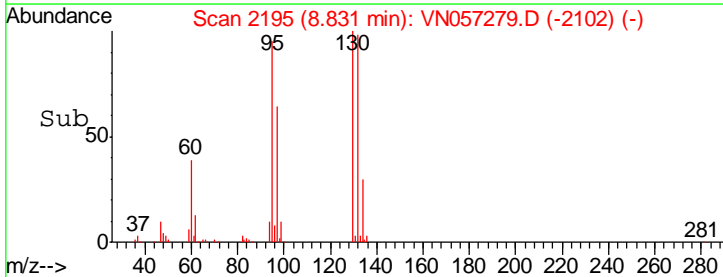
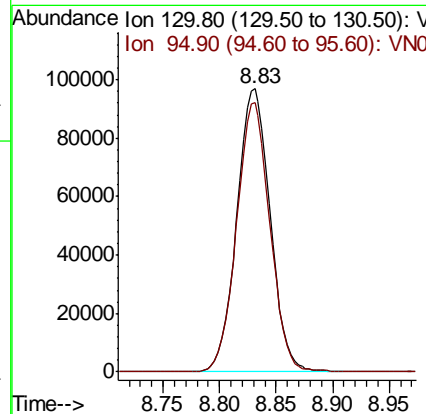
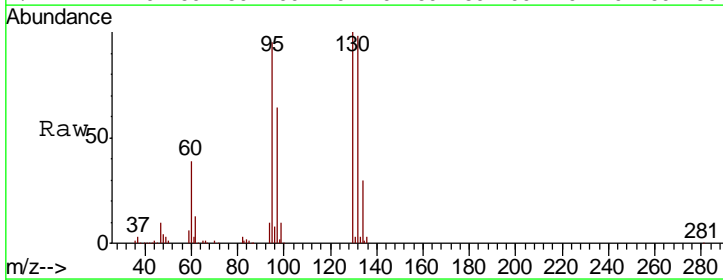
Manual Integrations  
 APPROVED

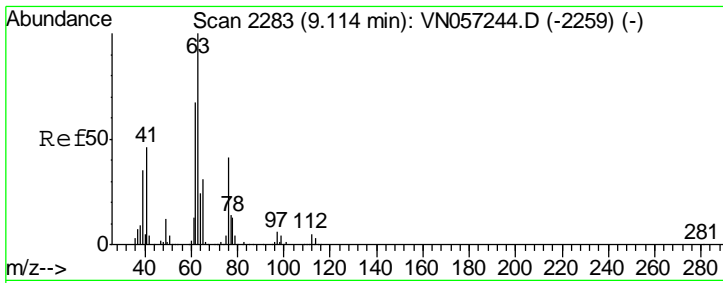
MMDadoda  
 8/19/2019 1:52:50 AM



#44  
 Trichloroethene  
 Concen: 19.848 ug/l  
 RT: 8.83 min Scan# 2195  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
130	100		
95	95.2	0.0	181.8





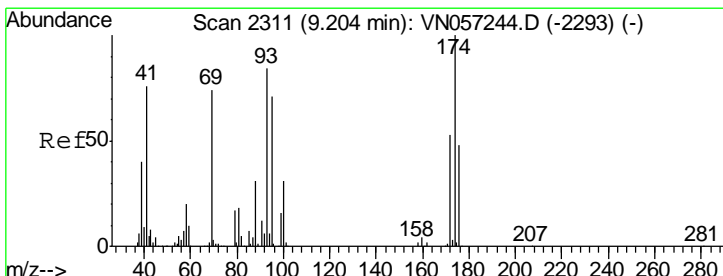
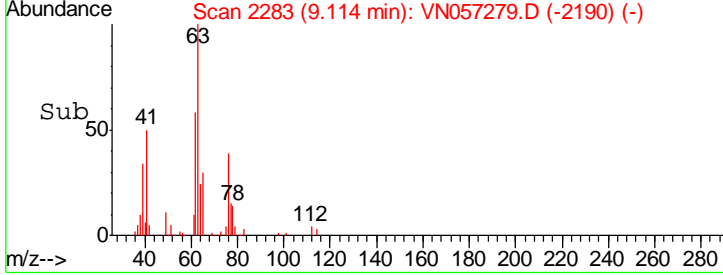
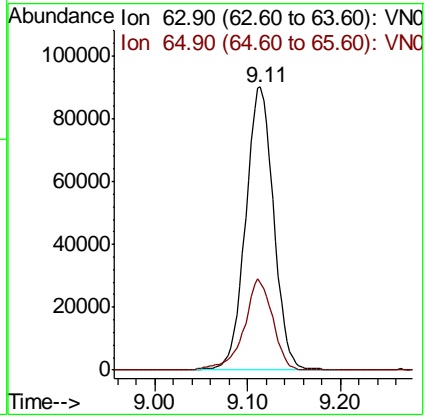
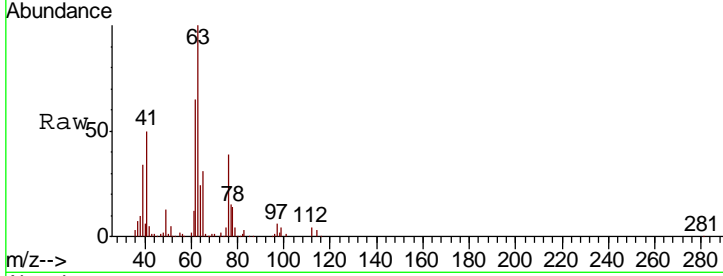
#45  
 1,2-Dichloropropane  
 Concen: 21.502 ug/l  
 RT: 9.11 min Scan# 2283  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion: 63 Resp: 188896

Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.0	37.4

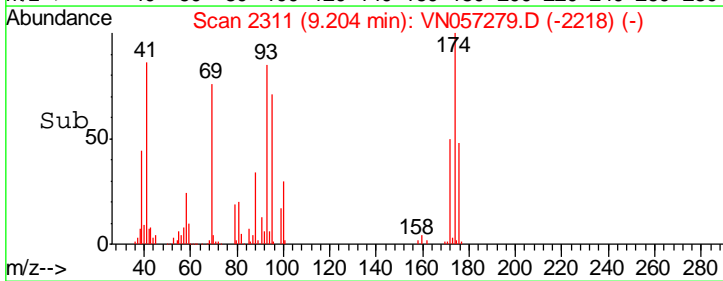
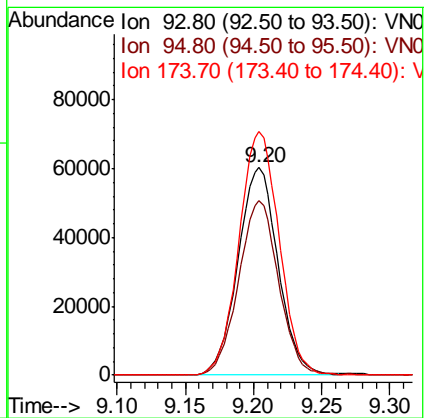
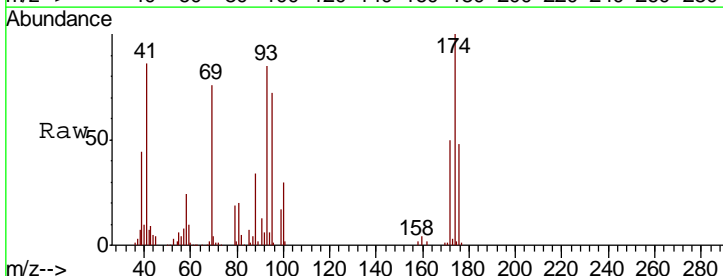
Manual Integrations APPROVED  
 MMDadoda  
 8/19/2019 1:52:50 AM

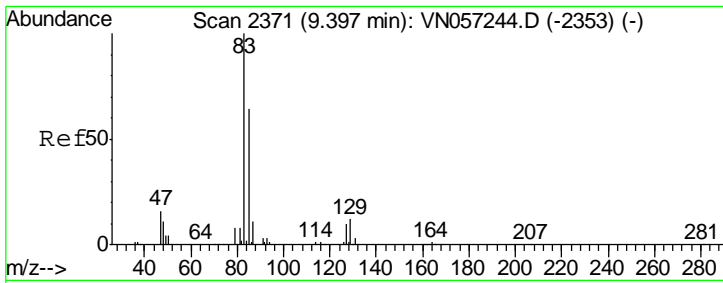


#46  
 Dibromomethane  
 Concen: 20.778 ug/l  
 RT: 9.20 min Scan# 2311  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion: 93 Resp: 123071

Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.0	100.4
174	117.5	96.2	144.2





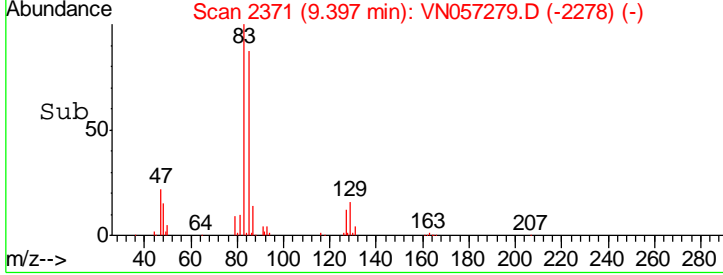
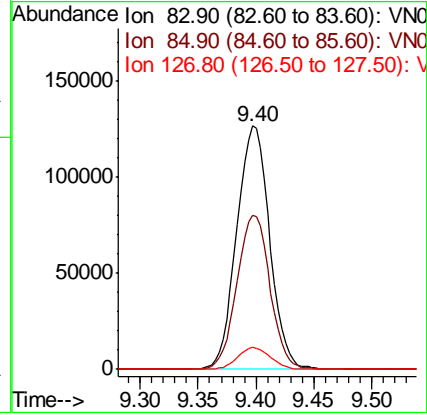
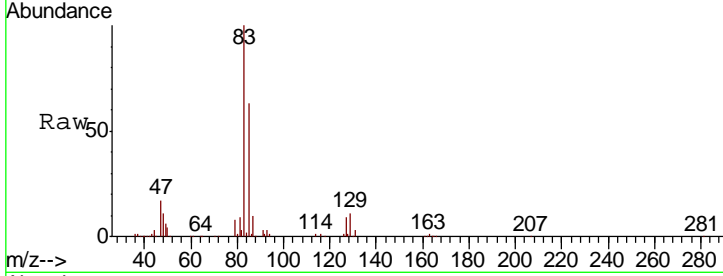
#47  
 Bromodichloromethane  
 Concen: 21.834 ug/l  
 RT: 9.40 min Scan# 2371  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

Tgt Ion	Resp	Lower	Upper
83	249338		
85	63.5	51.4	77.0
127	9.0	7.7	11.5

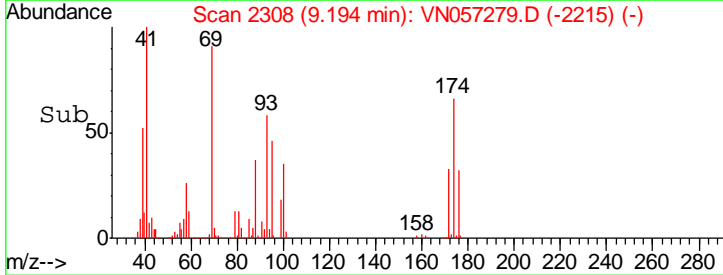
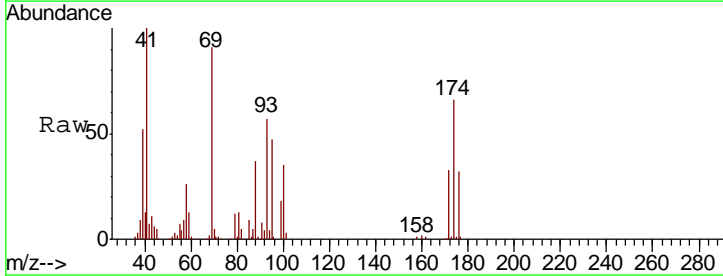
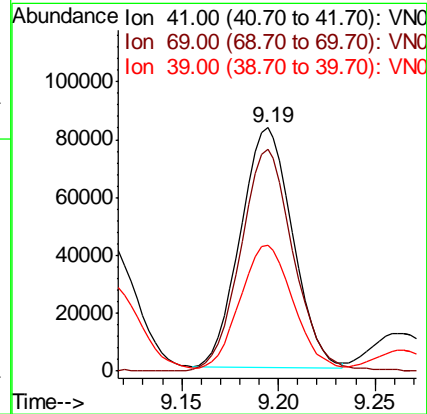
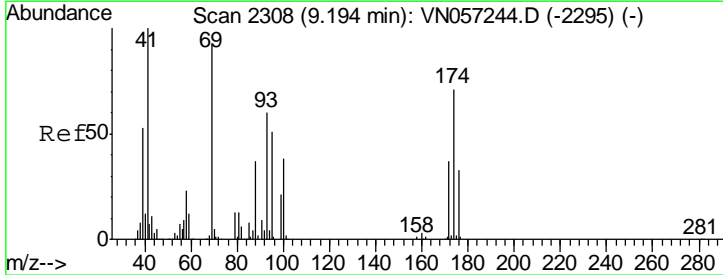
Manual Integrations  
 APPROVED

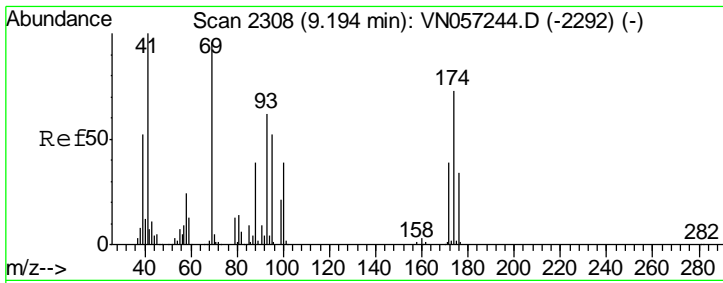
MMDadoda  
 8/19/2019 1:52:50 AM



#48  
 Methyl methacrylate  
 Concen: 22.136 ug/l  
 RT: 9.19 min Scan# 2308  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
41	154756		
69	94.4	75.7	113.5
39	54.0	43.3	64.9





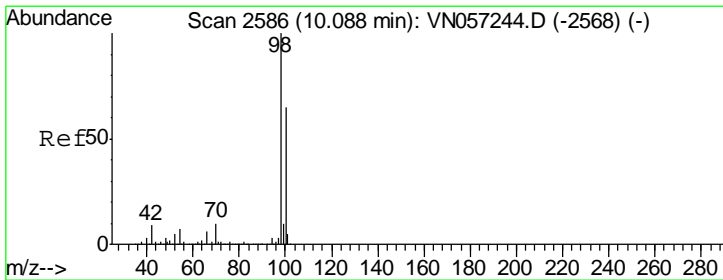
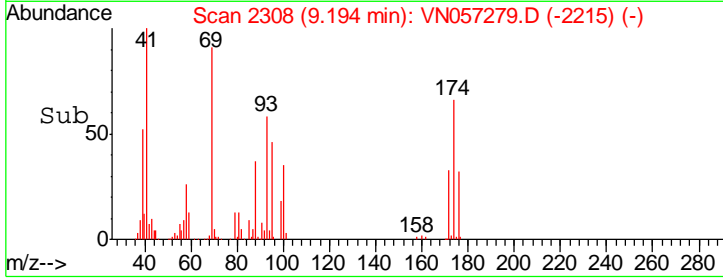
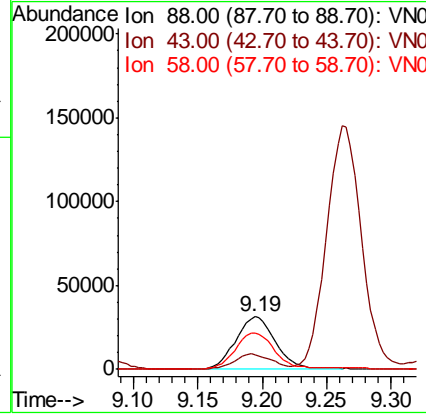
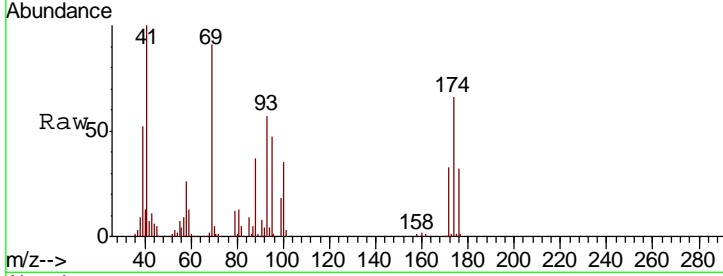
#49  
 1,4-Dioxane  
 Concen: 430.008 ug/l  
 RT: 9.19 min Scan# 2308  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

Tgt Ion	Resp	Lower	Upper
88	67749		
88	100		
43	26.6	20.7	31.1
58	67.2	52.0	78.0

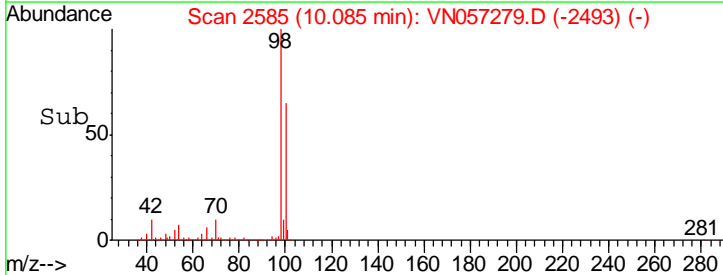
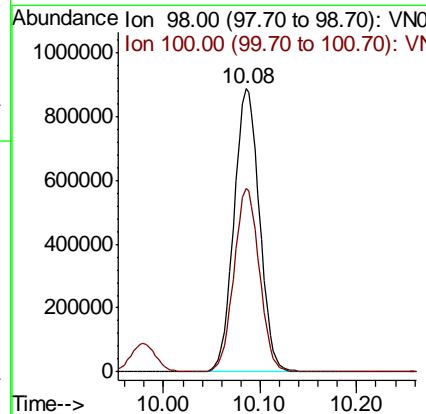
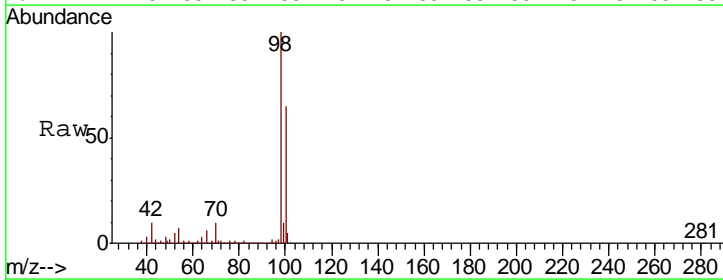
Manual Integrations  
 APPROVED

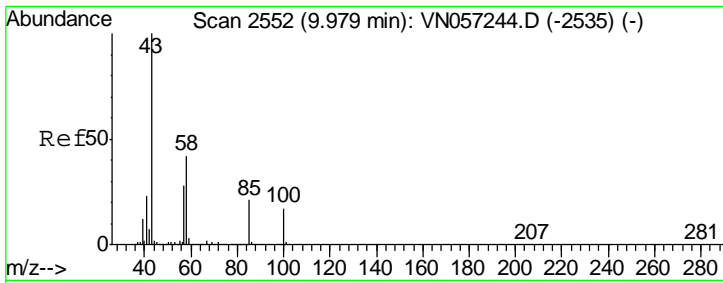
MMDadoda  
 8/19/2019 1:52:50 AM



#50  
 Toluene-d8  
 Concen: 53.272 ug/l  
 RT: 10.08 min Scan# 2585  
 Delta R.T. -0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
98	1619779		
98	100		
100	64.6	51.8	77.6



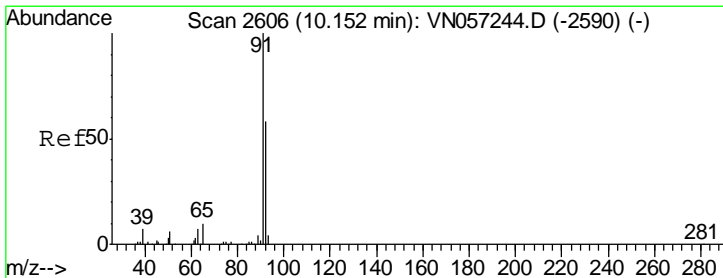
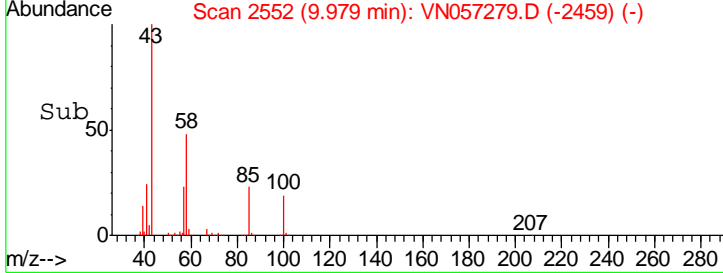
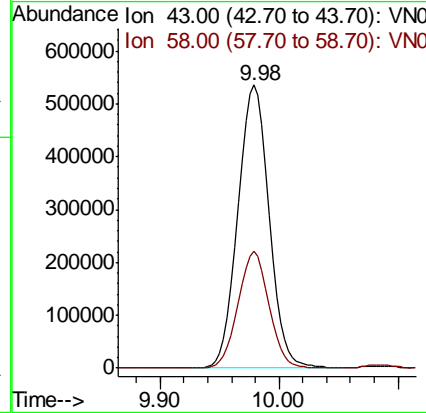
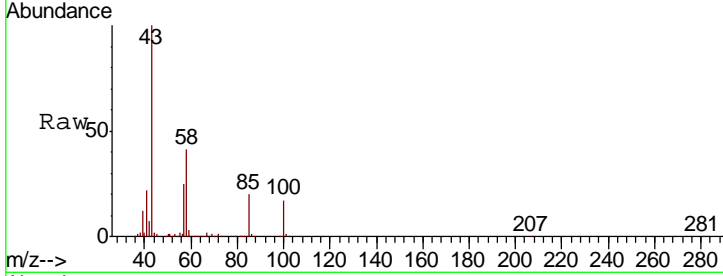


#51  
 4-Methyl-2-Pentanone  
 Concen: 109.531 ug/l  
 RT: 9.98 min Scan# 2552  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

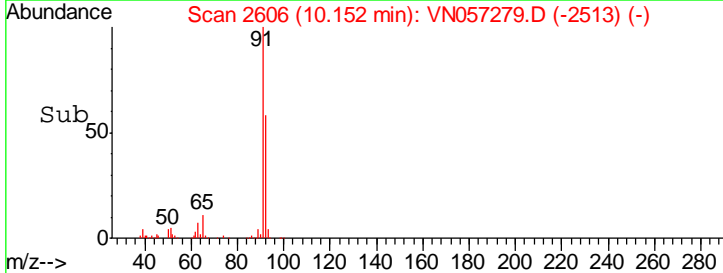
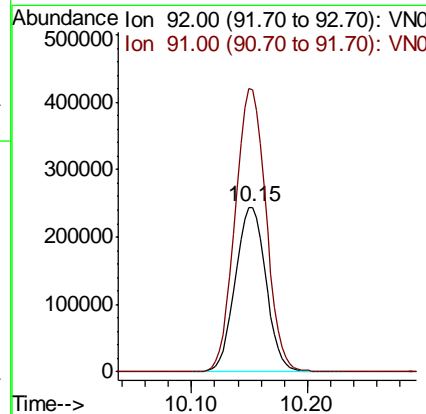
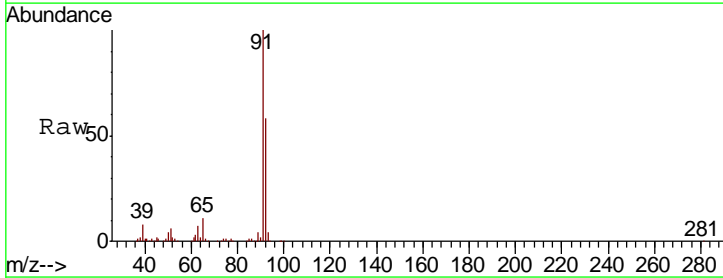
Tgt Ion	Resp	Lower	Upper
43	100		
58	40.9	33.7	50.5

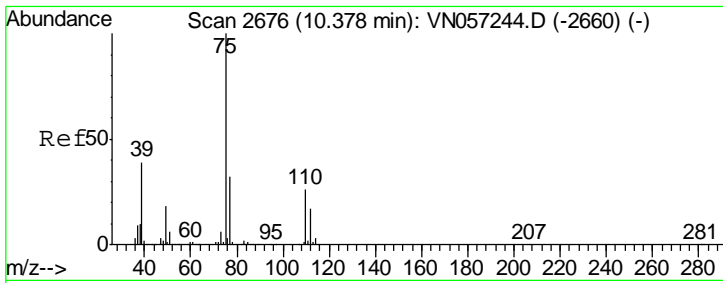
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#52  
 Toluene  
 Concen: 20.769 ug/l  
 RT: 10.15 min Scan# 2606  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
92	100		
91	172.5	138.2	207.2



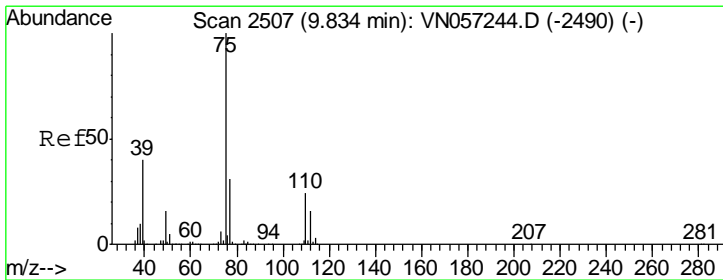
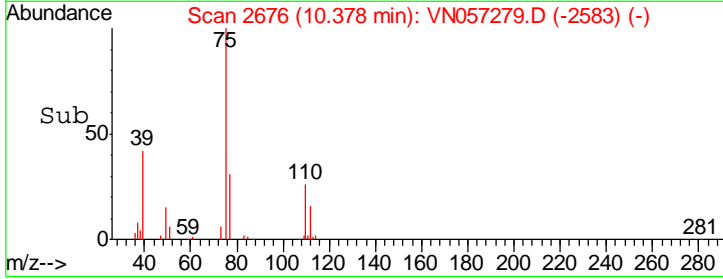
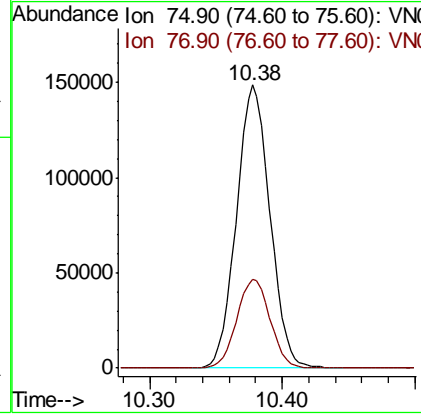
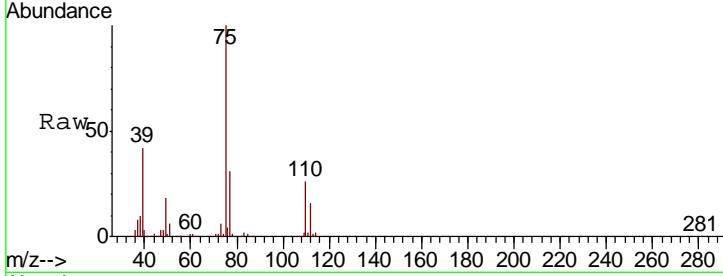


#53  
 t-1,3-Dichloropropene  
 Concen: 21.270 ug/l  
 RT: 10.38 min Scan# 2676  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

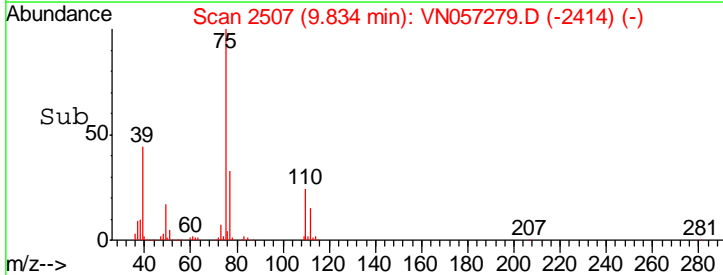
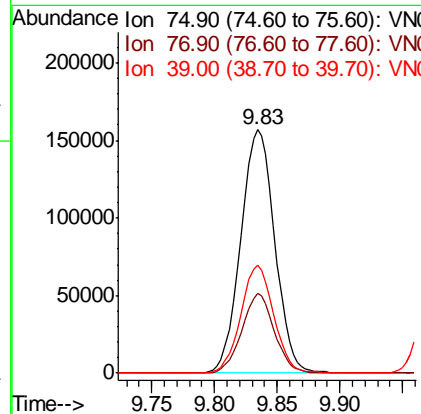
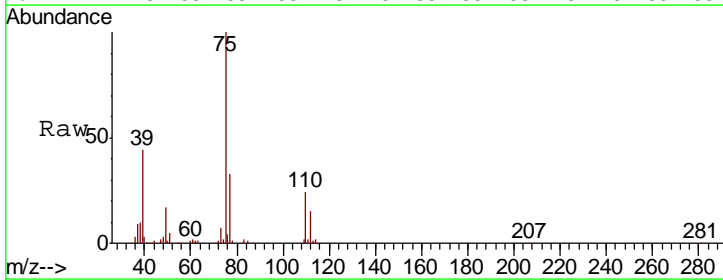
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.3	25.3	37.9

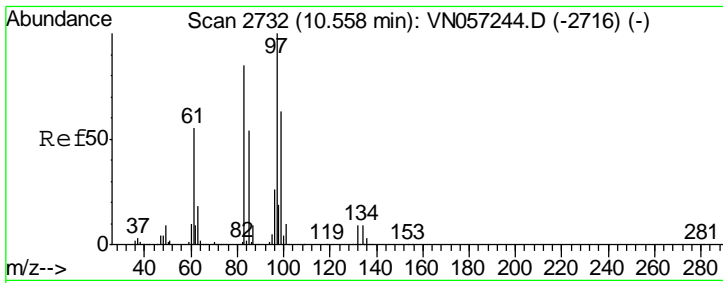
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.462 ug/l  
 RT: 9.83 min Scan# 2507  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
75	100		
77	32.7	25.0	37.6
39	44.2	32.3	48.5





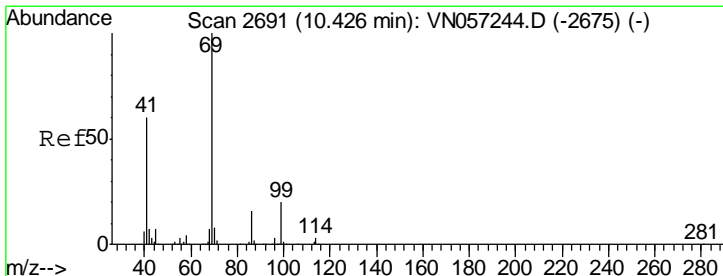
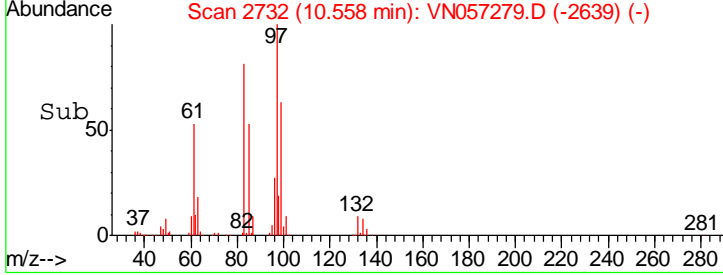
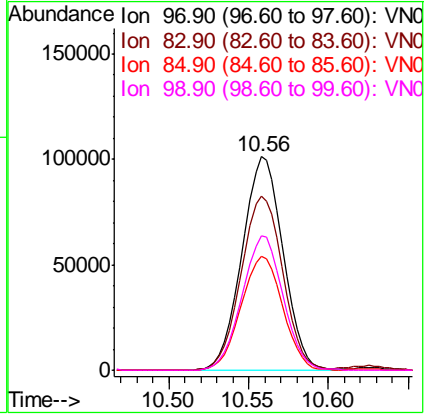
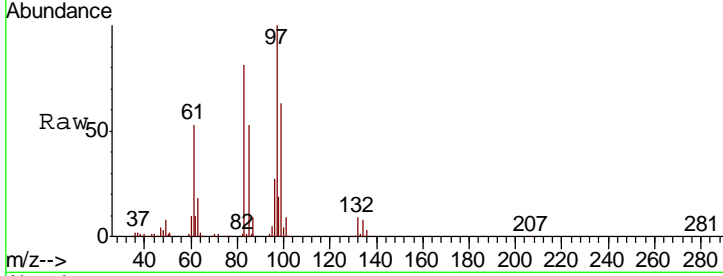
#55  
 1,1,2-Trichloroethane  
 Concen: 21.103 ug/l  
 RT: 10.56 min Scan# 2732  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
97	177699		
83	81.2	68.4	102.6
85	53.3	43.0	64.6
99	63.0	50.6	75.8

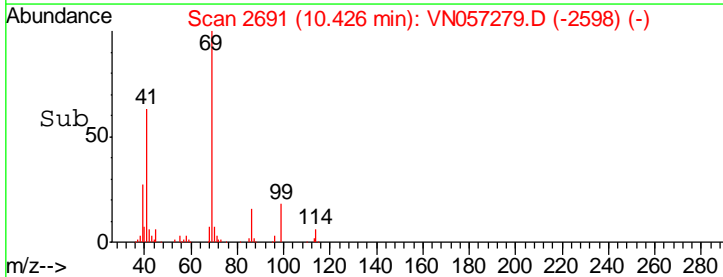
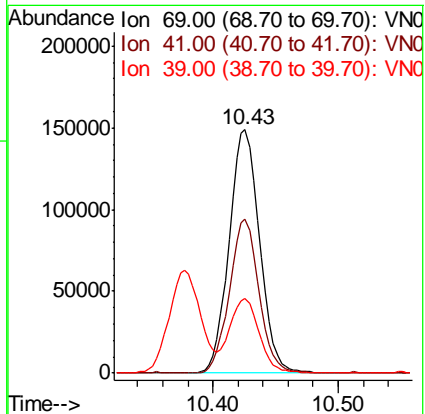
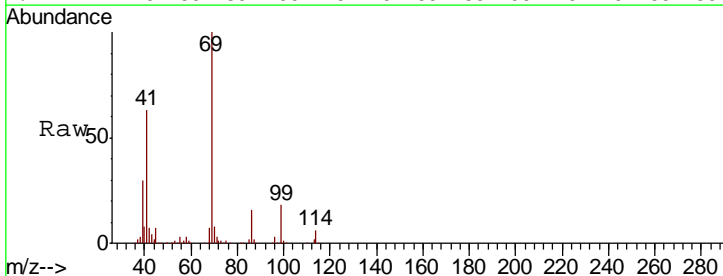
Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2019 1:52:50 AM

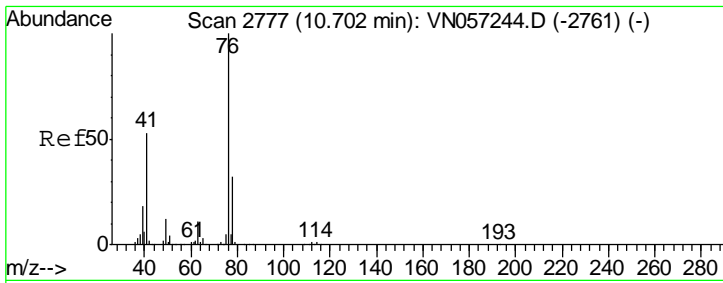


#56  
 Ethyl methacrylate  
 Concen: 21.246 ug/l  
 RT: 10.43 min Scan# 2691  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
69	250997		
41	60.3	47.6	71.4
39	30.0	23.4	35.0





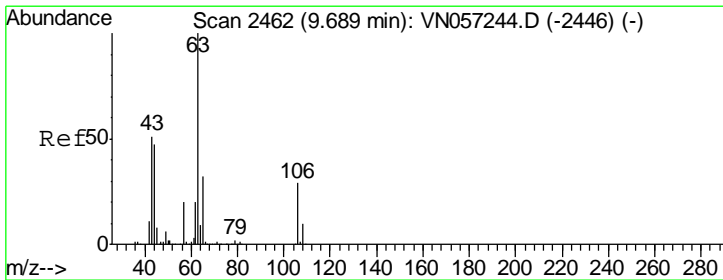
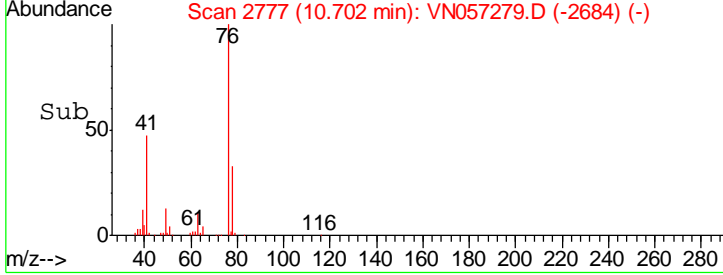
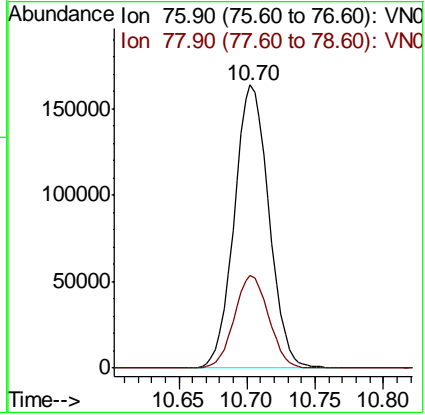
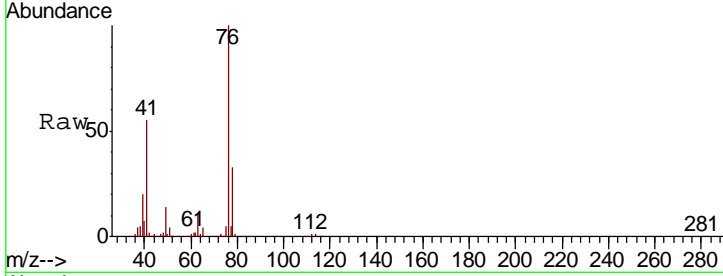


#57  
 1,3-Dichloropropane  
 Concen: 20.785 ug/l  
 RT: 10.70 min Scan# 2777  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

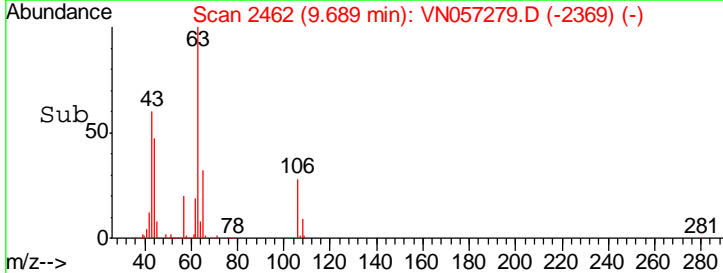
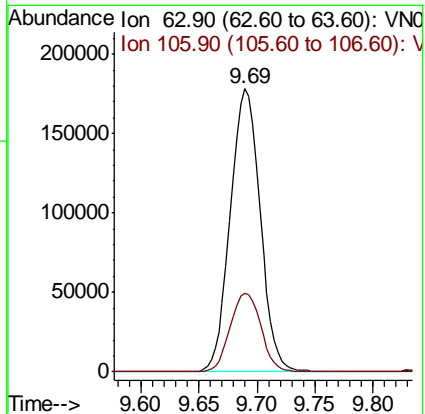
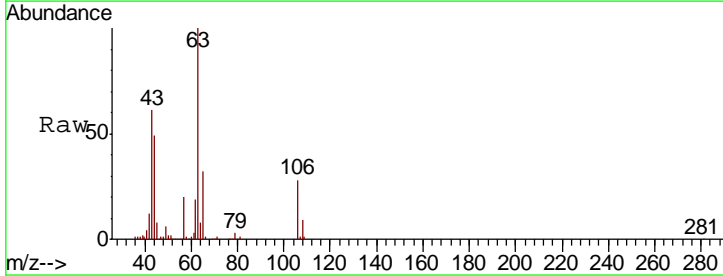
Tgt Ion	Resp	Lower	Upper
76	288764		
76	100		
78	32.4	26.0	39.0

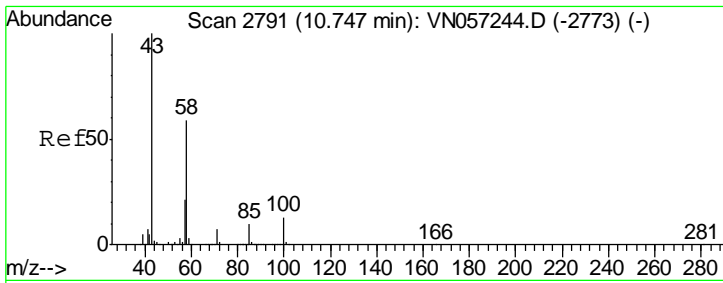
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 105.026 ug/l  
 RT: 9.69 min Scan# 2462  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
63	317923		
63	100		
106	28.5	23.4	35.2



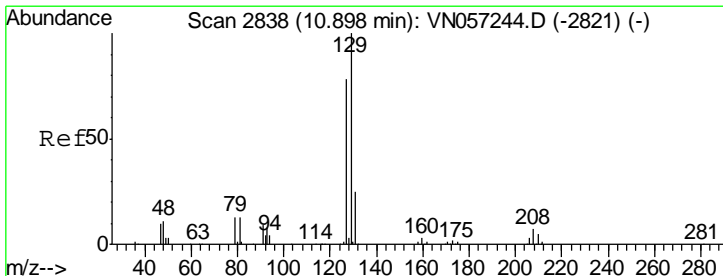
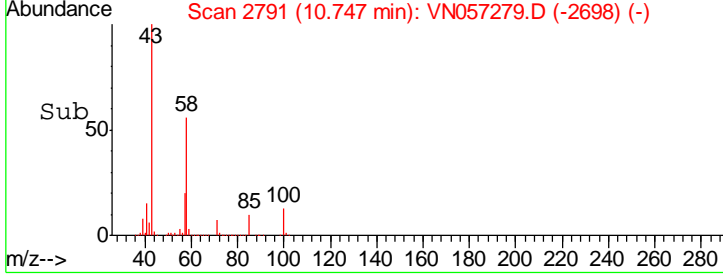
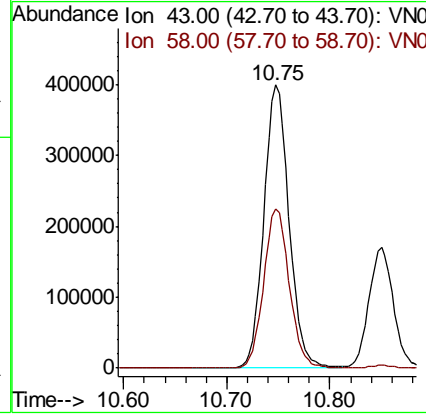
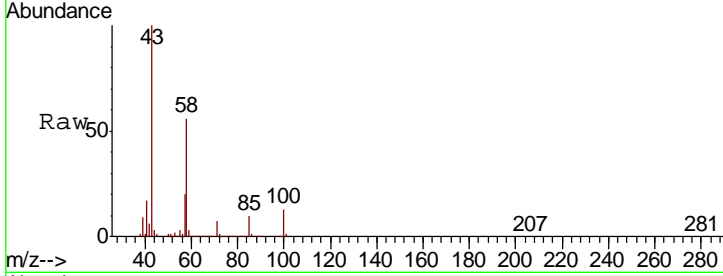


#59  
 2-Hexanone  
 Concen: 107.091 ug/l  
 RT: 10.75 min Scan# 2791  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

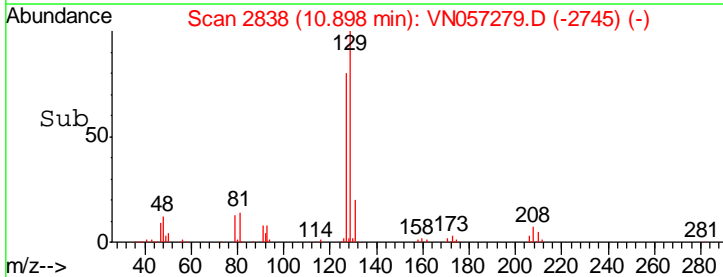
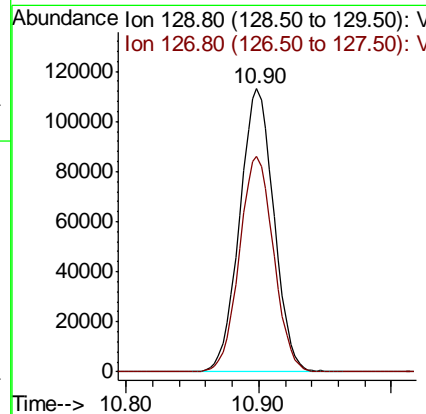
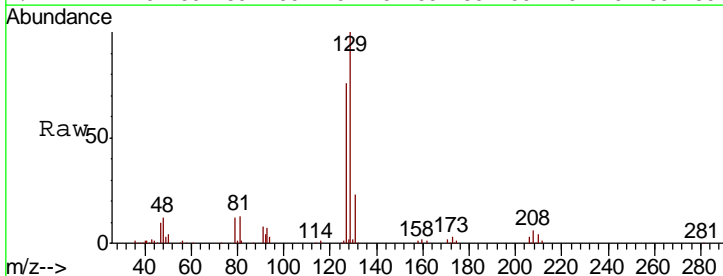
Tgt Ion: 43 Resp: 674140  
 Ion Ratio Lower Upper  
 43 100  
 58 57.4 29.1 87.4

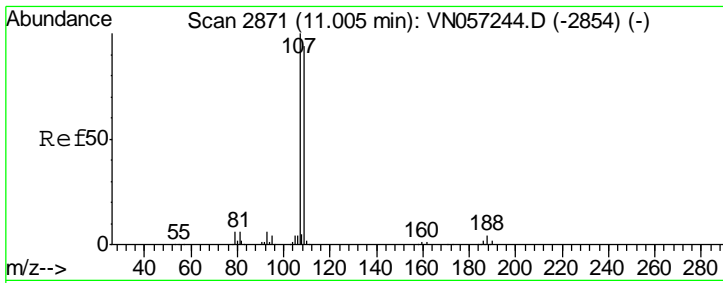
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#60  
 Dibromochloromethane  
 Concen: 21.441 ug/l  
 RT: 10.90 min Scan# 2838  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion: 129 Resp: 202467  
 Ion Ratio Lower Upper  
 129 100  
 127 76.0 38.9 116.6





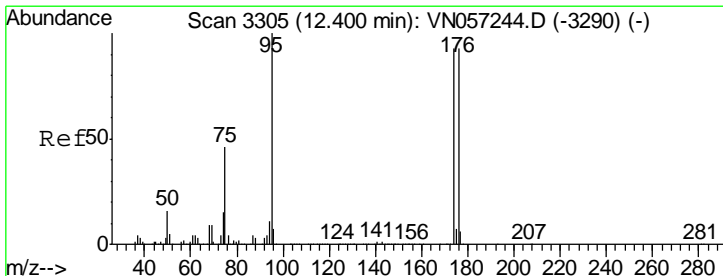
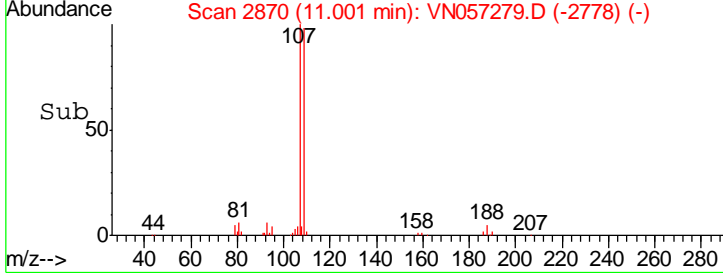
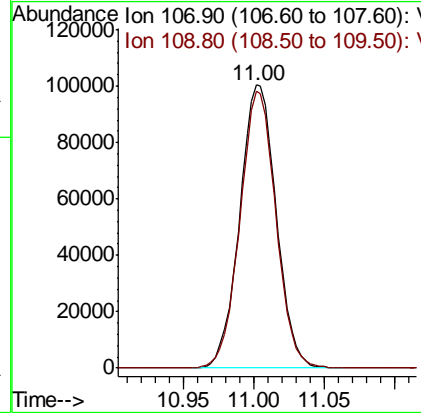
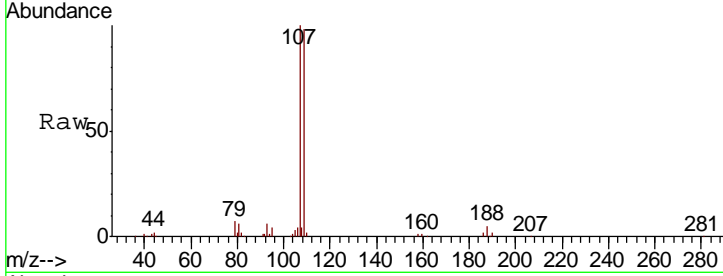
#61  
 1,2-Dibromoethane  
 Concen: 20.840 ug/l  
 RT: 11.00 min Scan# 2870  
 Delta R.T. -0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
107	182181		
109	96.2	75.7	113.5

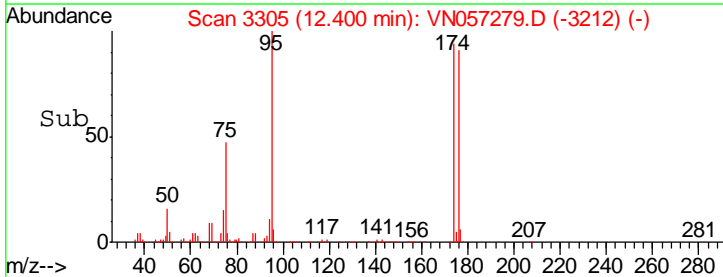
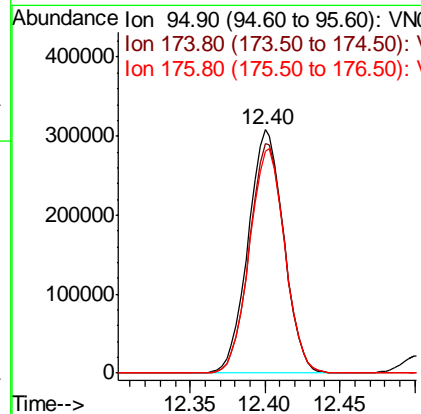
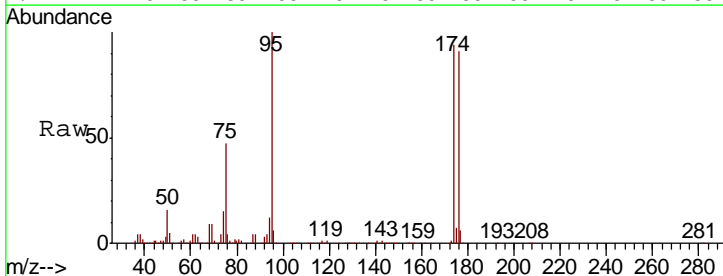
Manual Integrations  
 APPROVED

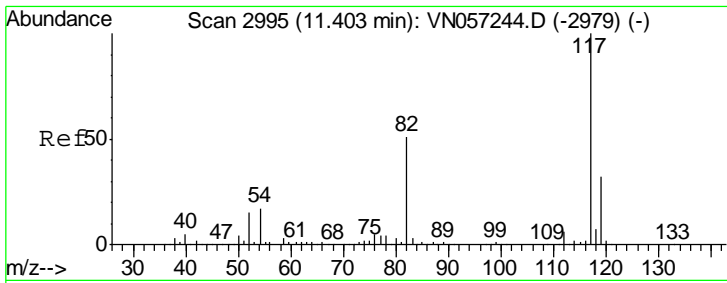
MMDadoda  
 8/19/2019 1:52:50 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.865 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

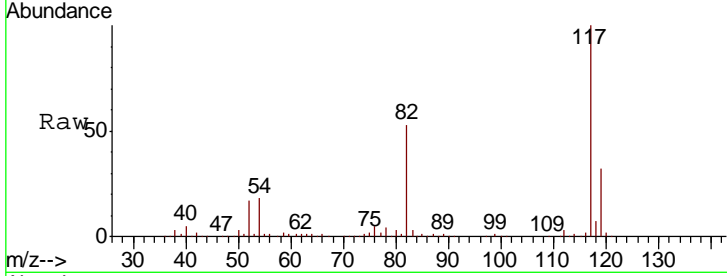
Tgt Ion	Resp	Lower	Upper
95	509535		
174	93.4	0.0	187.6
176	91.6	0.0	185.8





#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.40 min Scan# 2995  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

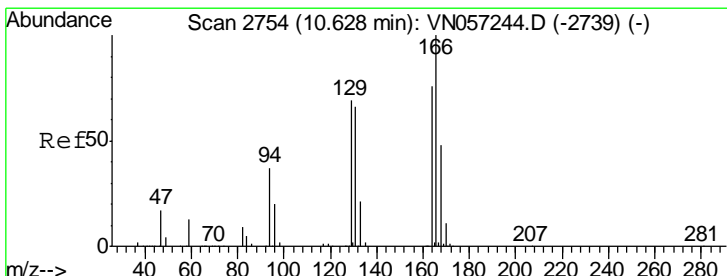
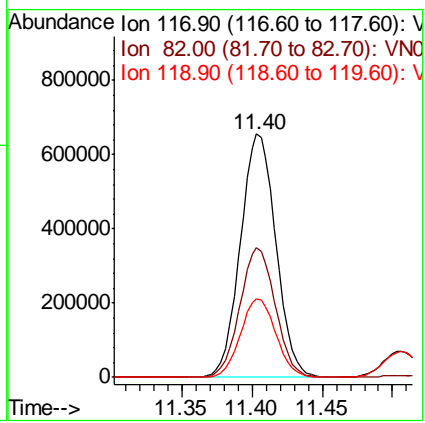
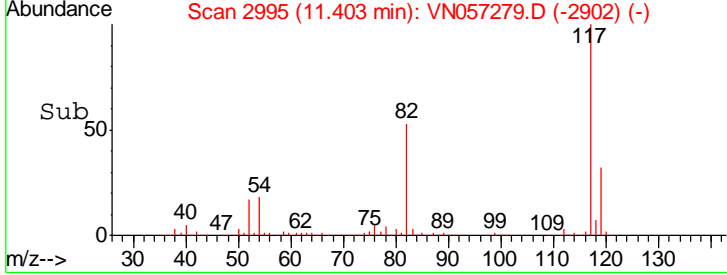
Instrument : MSVOA\_N  
 Client Sampled : VN0814WBS01



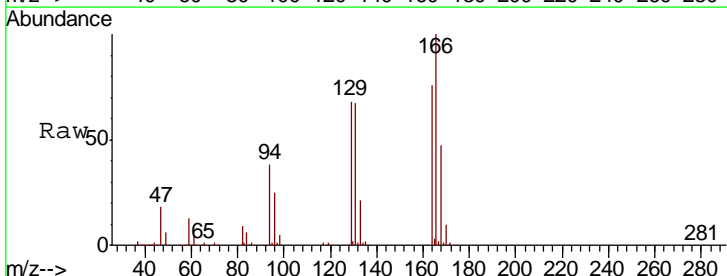
Tgt Ion: 117 Resp: 1157858

Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.9	61.3
119	32.3	25.4	38.2

Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM

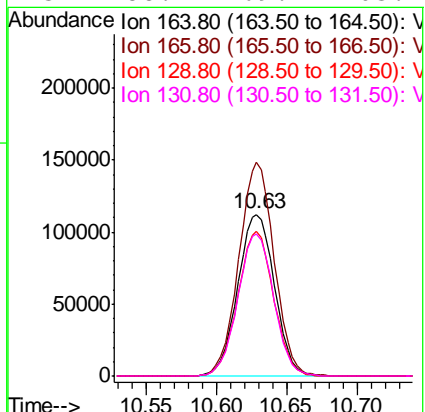
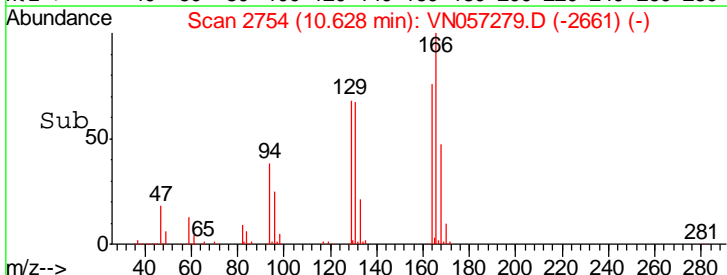


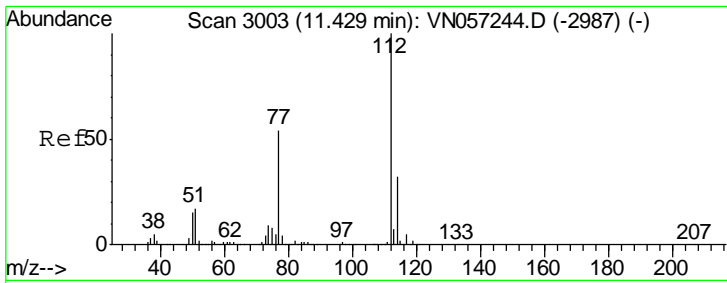
#64  
 Tetrachloroethene  
 Concen: 19.975 ug/l  
 RT: 10.63 min Scan# 2754  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42



Tgt Ion: 164 Resp: 204287

Ion	Ratio	Lower	Upper
164	100		
166	132.0	104.9	157.3
129	89.6	71.9	107.9
131	88.1	69.1	103.7



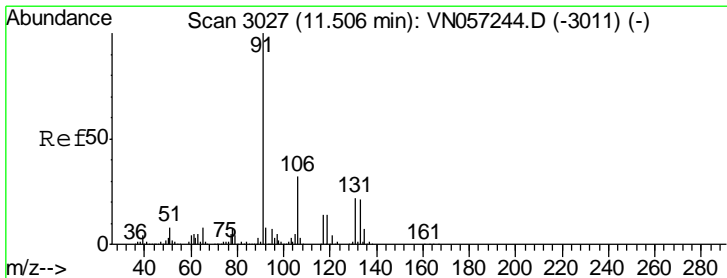
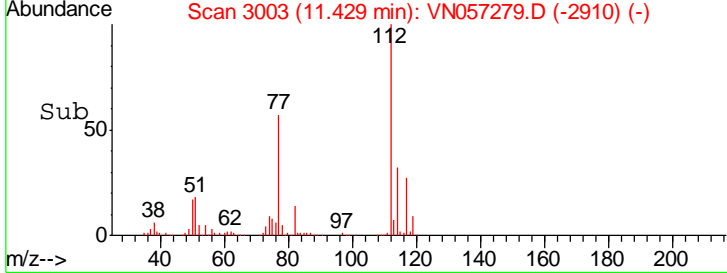
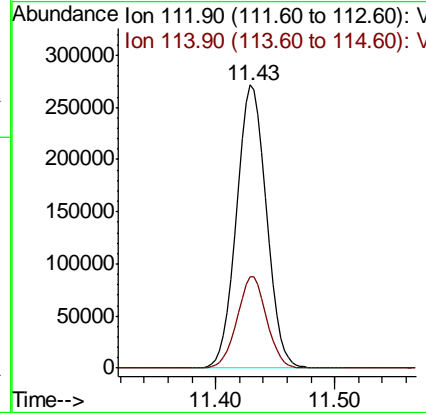
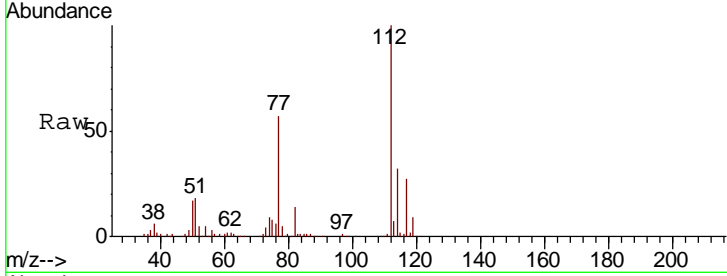


#65  
 Chlorobenzene  
 Concen: 19.951 ug/l  
 RT: 11.43 min Scan# 3003  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

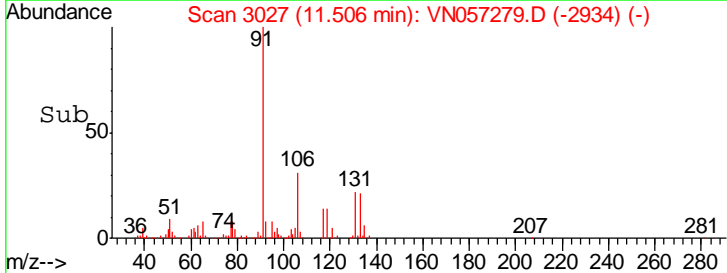
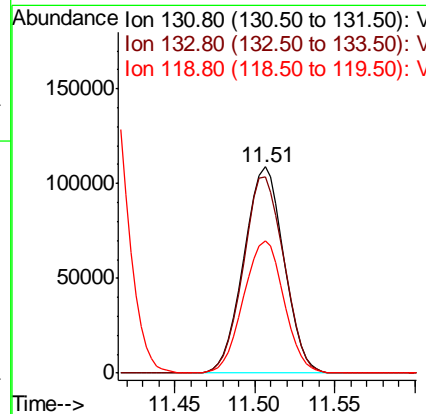
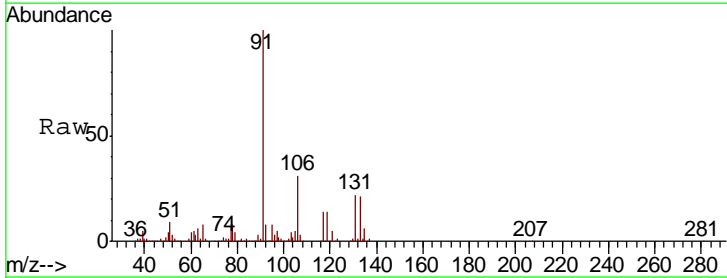
Tgt Ion	Resp	Lower	Upper
112	100		
114	32.1	25.4	38.2

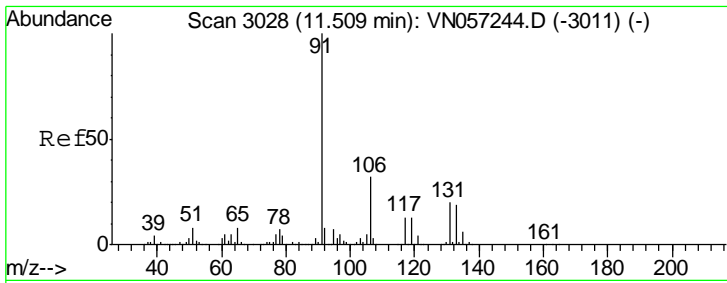
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 20.357 ug/l  
 RT: 11.51 min Scan# 3027  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
131	100		
133	96.4	46.9	140.7
119	64.6	32.3	96.8



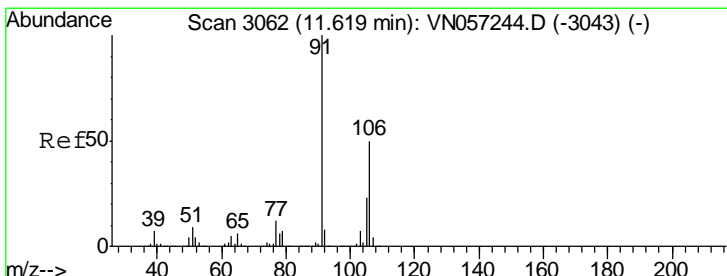
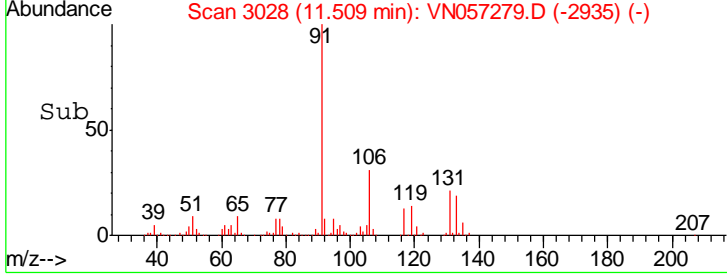
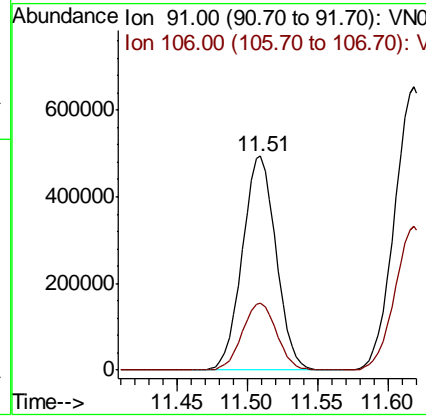
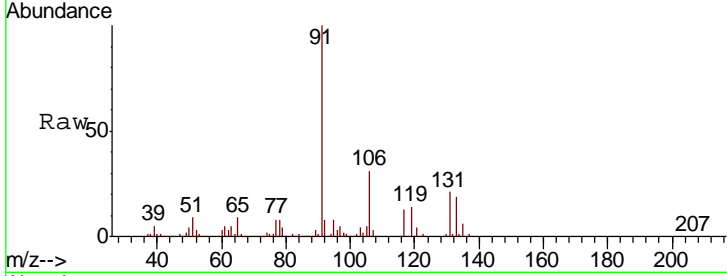


#67  
 Ethyl Benzene  
 Concen: 20.503 ug/l  
 RT: 11.51 min Scan# 3028  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

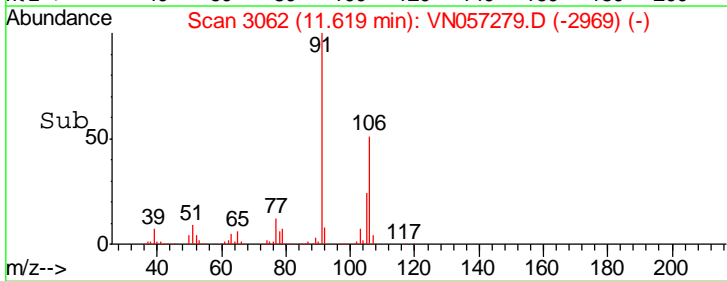
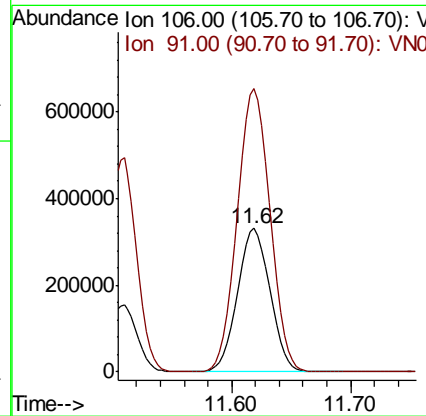
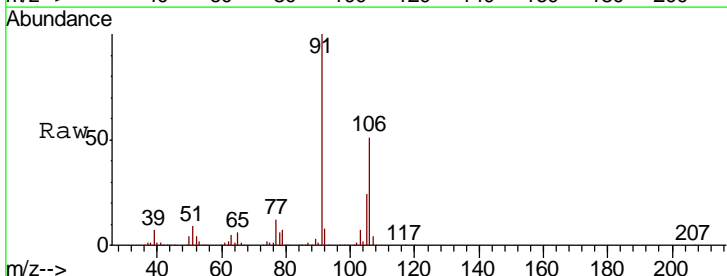
Tgt Ion	Resp	Lower	Upper
91	100		
106	31.4	25.4	38.0

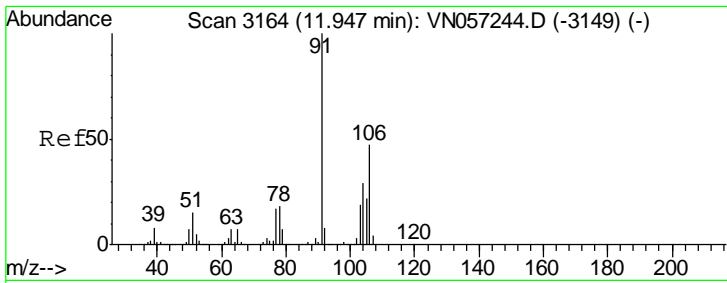
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#68  
 m/p-Xylenes  
 Concen: 41.629 ug/l  
 RT: 11.62 min Scan# 3062  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
106	100		
91	199.0	161.4	242.0



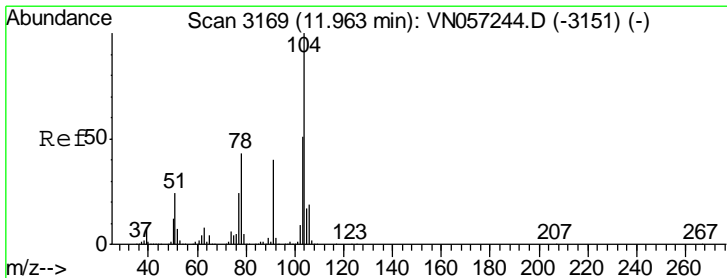
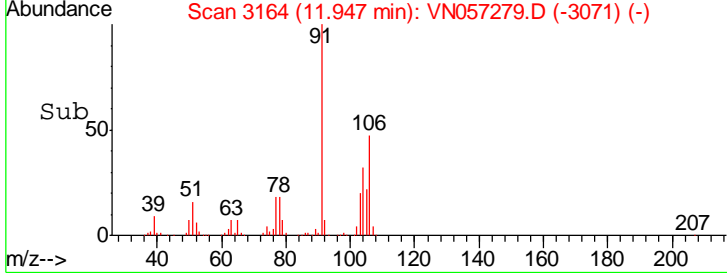
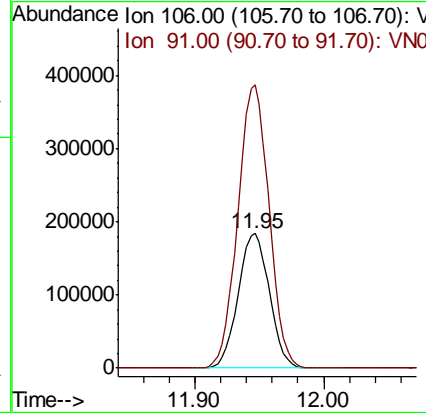
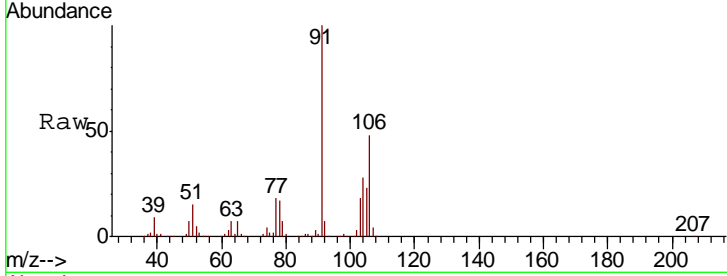


#69  
 o-Xylene  
 Concen: 20.959 ug/l  
 RT: 11.95 min Scan# 3164  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

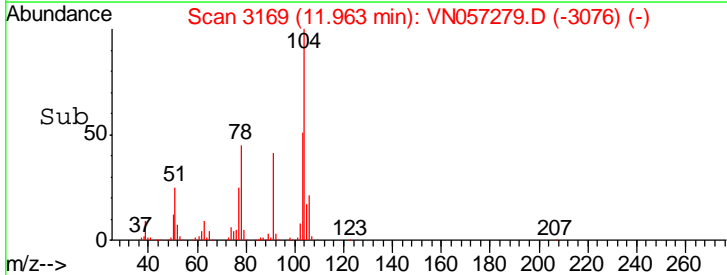
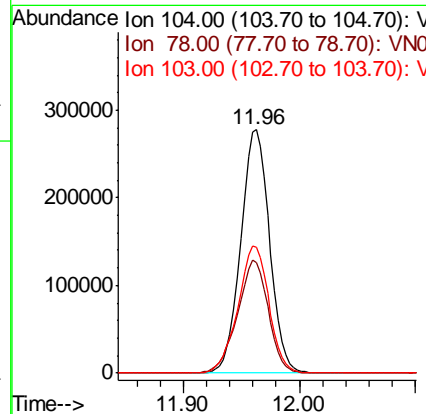
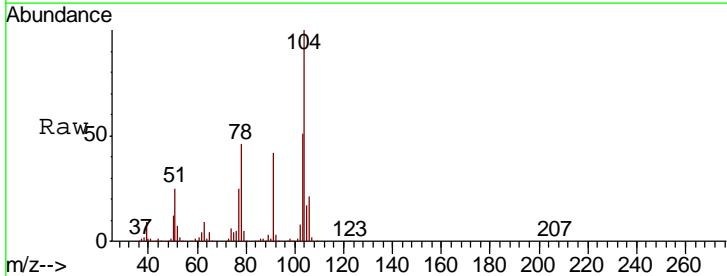
Tgt Ion	Resp	Lower	Upper
106	309701		
106	100		
91	209.6	106.5	319.4

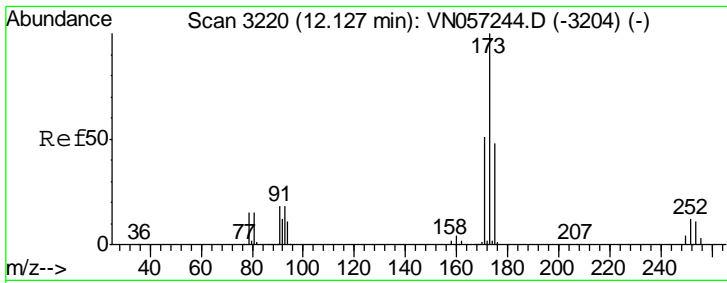
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#70  
 Styrene  
 Concen: 20.878 ug/l  
 RT: 11.96 min Scan# 3169  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
104	477631		
104	100		
78	49.7	38.6	57.8
103	56.0	43.9	65.9





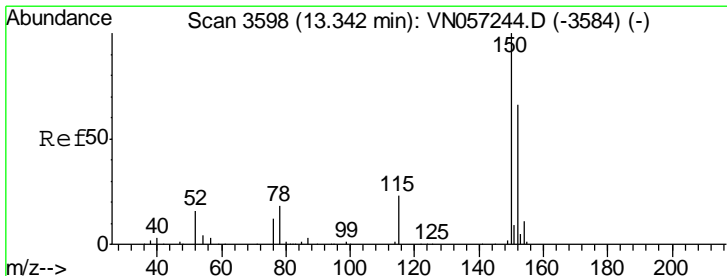
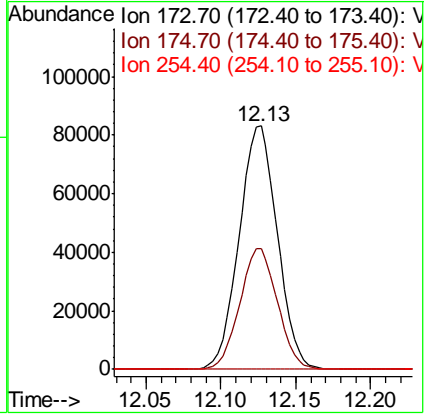
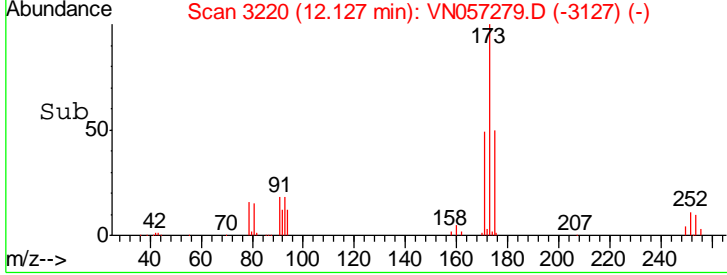
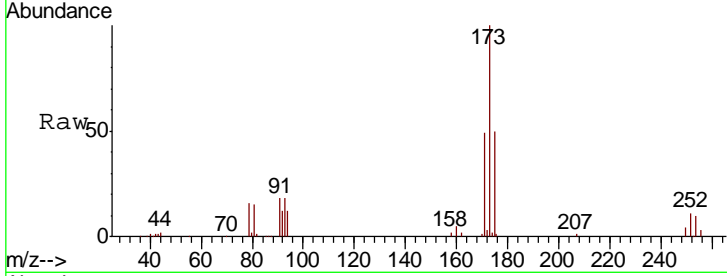
#71  
 Bromoform  
 Concen: 21.034 ug/l  
 RT: 12.13 min Scan# 3220  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
173	147465		
175	48.9	24.4	73.2
254	0.0	0.2	0.2#

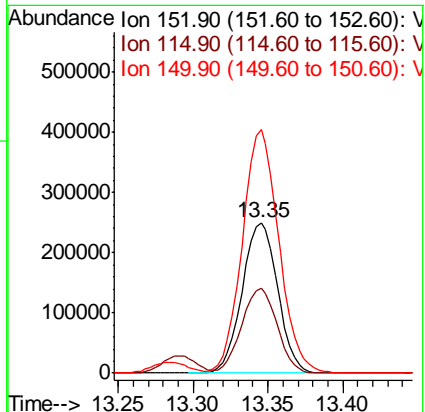
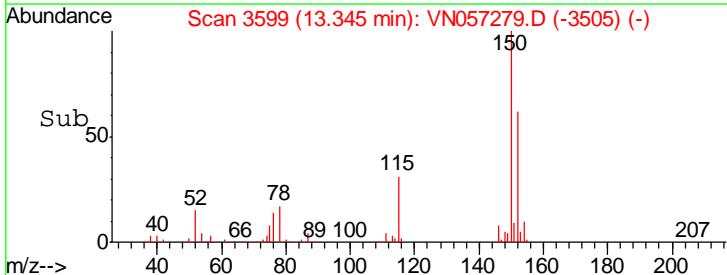
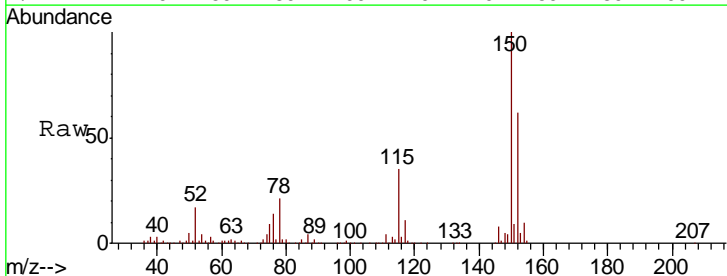
Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2019 1:52:50 AM

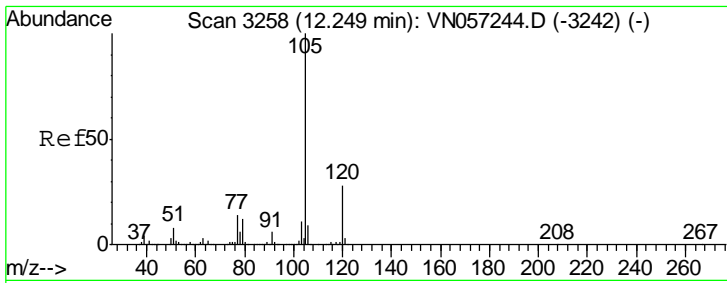


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.35 min Scan# 3599  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
152	413745		
152	100		
115	56.2	27.6	82.8
150	166.0	0.0	348.4





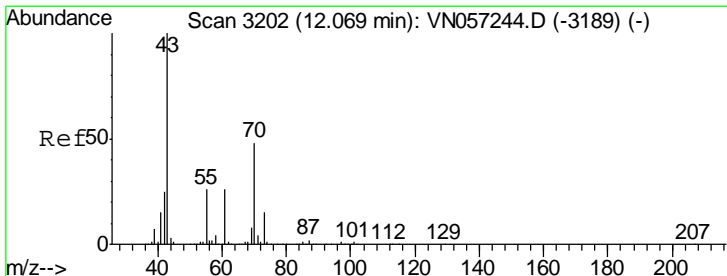
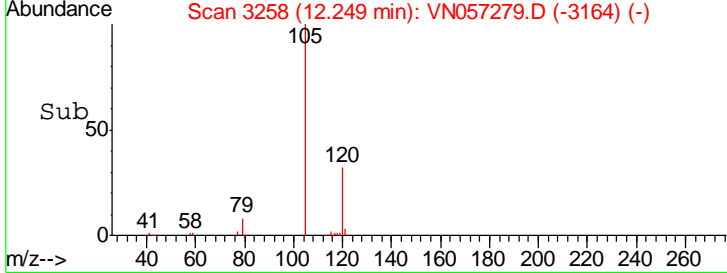
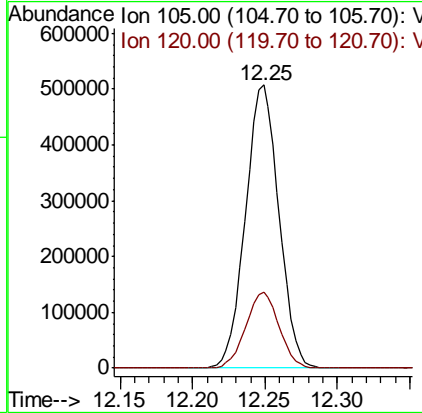
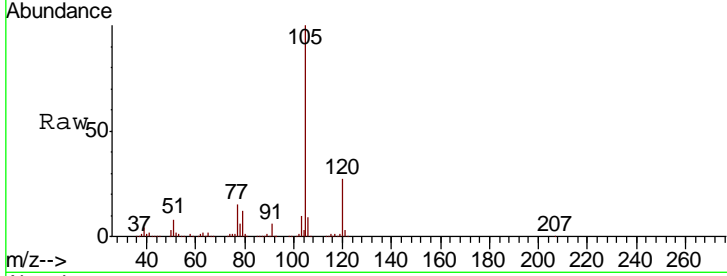


#73  
 Isopropylbenzene  
 Concen: 23.944 ug/l  
 RT: 12.25 min Scan# 3258  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

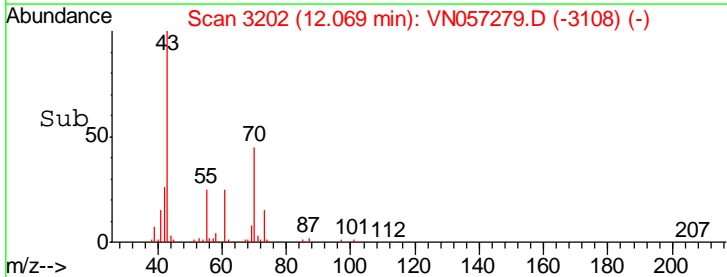
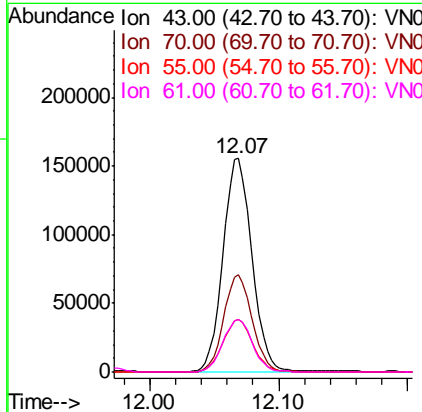
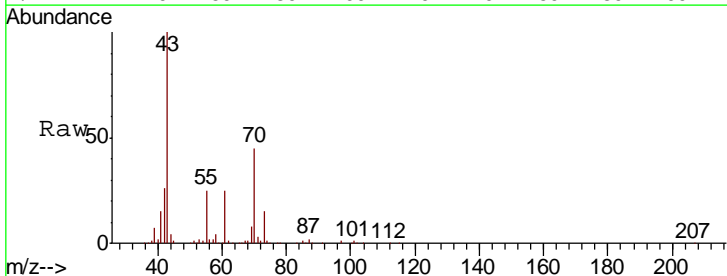
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.8	13.8	41.3

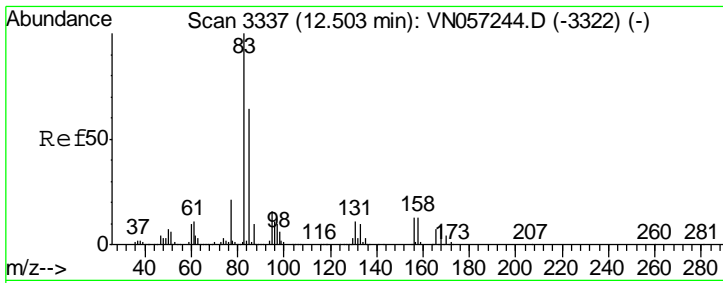
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#74  
 N-nyl acetate  
 Concen: 24.207 ug/l  
 RT: 12.07 min Scan# 3202  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
43	100		
70	45.0	37.4	56.2
55	25.5	21.0	31.4
61	25.3	20.9	31.3



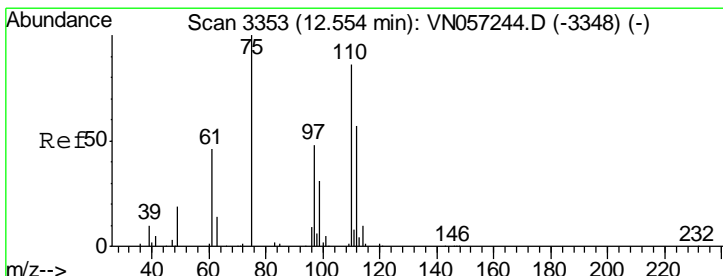
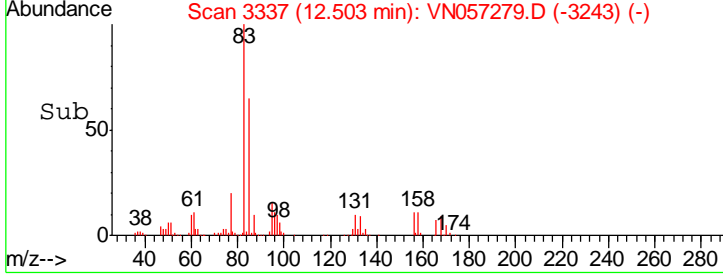
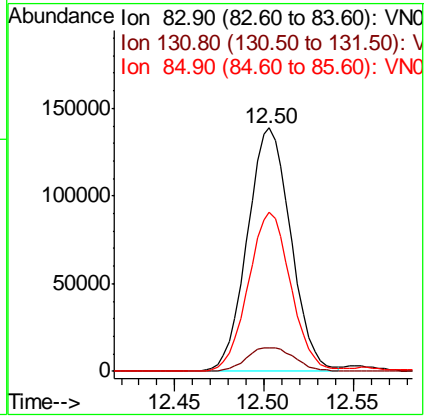
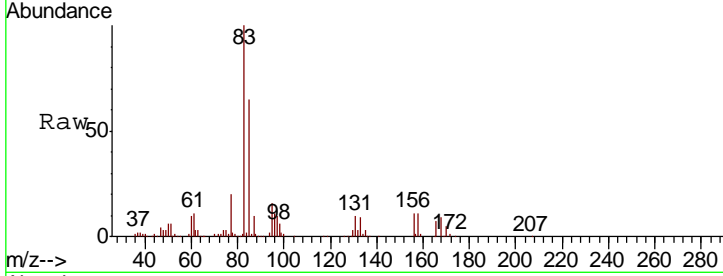


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 25.212 ug/l  
 RT: 12.50 min Scan# 3337  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

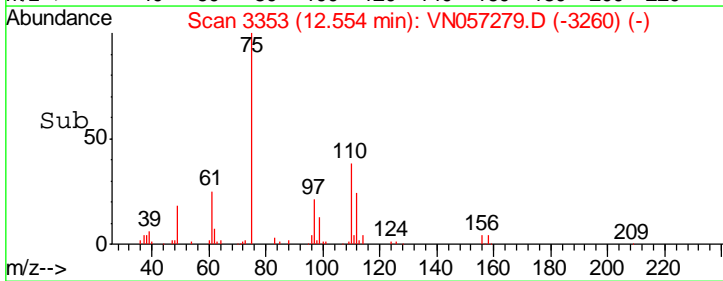
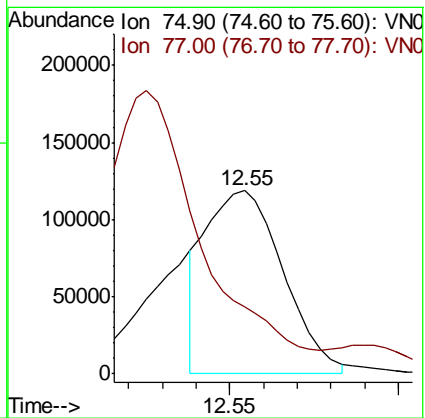
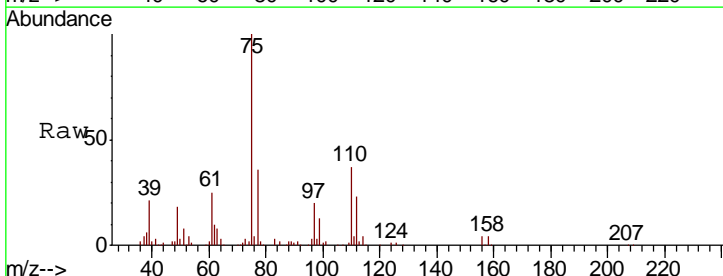
Tgt Ion	Resp	Lower	Upper
83	235649		
131	10.8	5.6	16.8
85	64.1	32.3	96.8

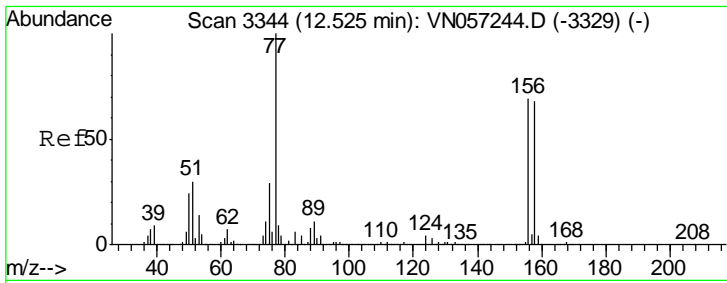
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 24.416 ug/l m  
 RT: 12.55 min Scan# 3353  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
75	189628		
77	0.0	0.0	0.0





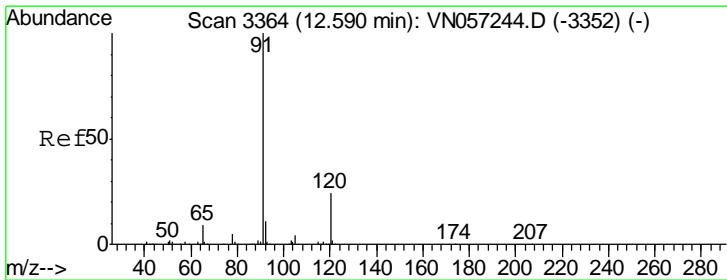
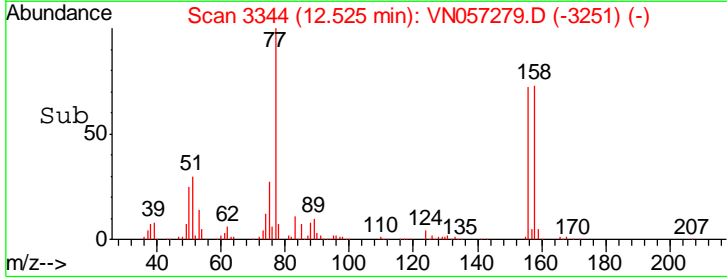
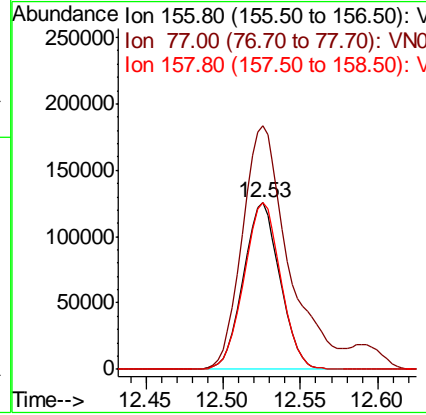
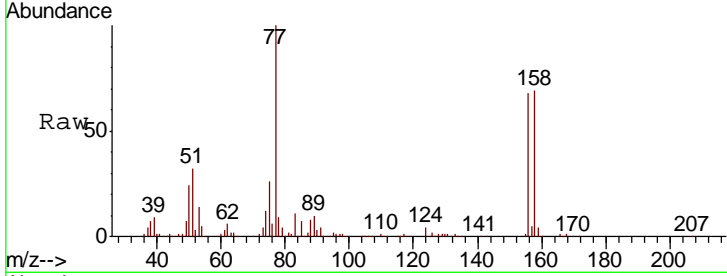
#77  
 Bromobenzene  
 Concen: 22.798 ug/l  
 RT: 12.53 min Scan# 3344  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
156	207173		
77	183.2	88.0	264.1
158	100.2	49.4	148.0

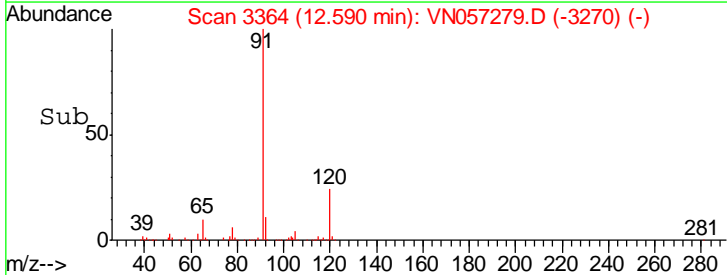
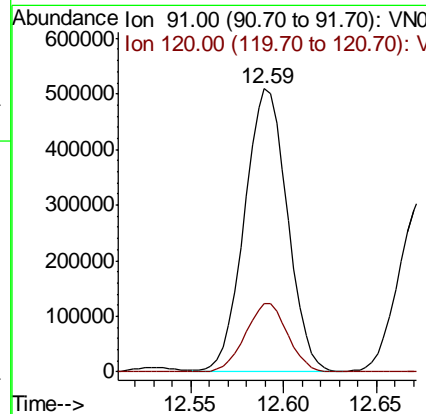
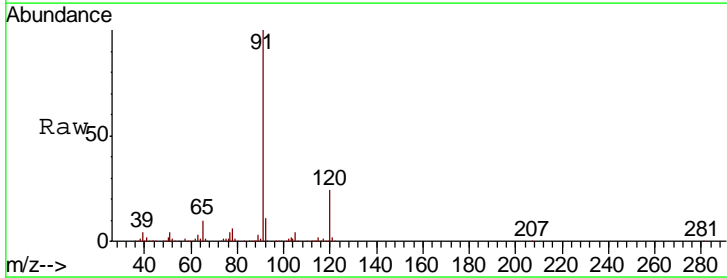
Manual Integrations  
 APPROVED

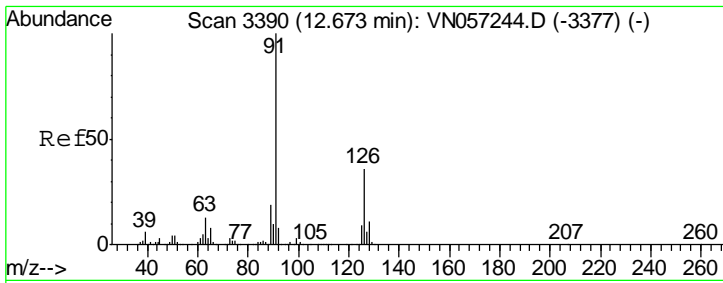
MMDadoda  
 8/19/2019 1:52:50 AM



#78  
 n-propylbenzene  
 Concen: 22.877 ug/l  
 RT: 12.59 min Scan# 3364  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
91	816301		
120	24.0	12.1	36.3



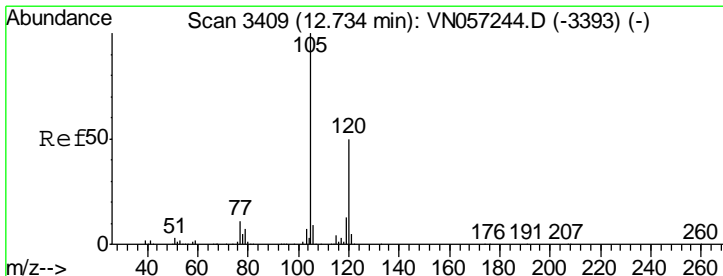
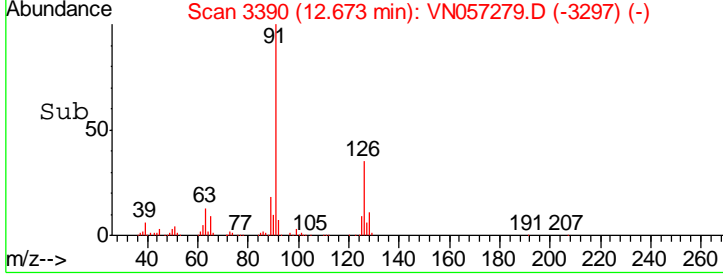
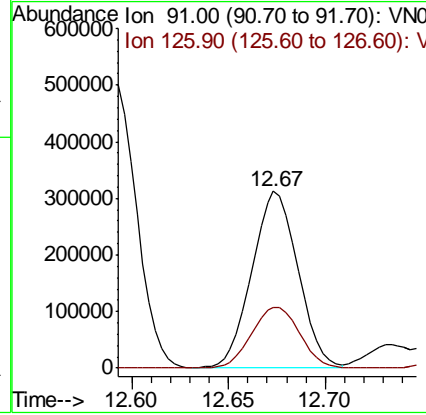
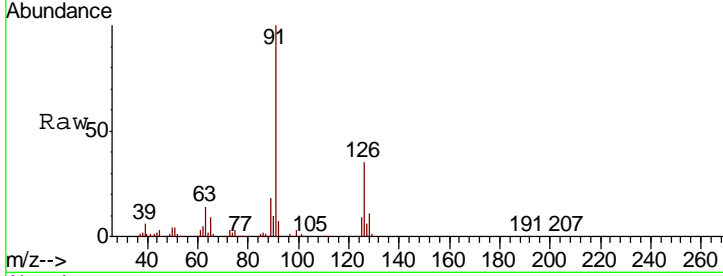


#79  
 2-Chlorotoluene  
 Concen: 23.456 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0814WBS01

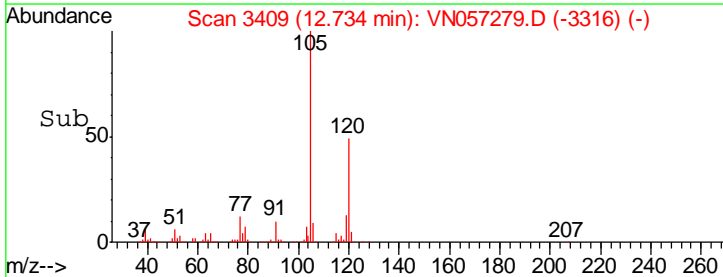
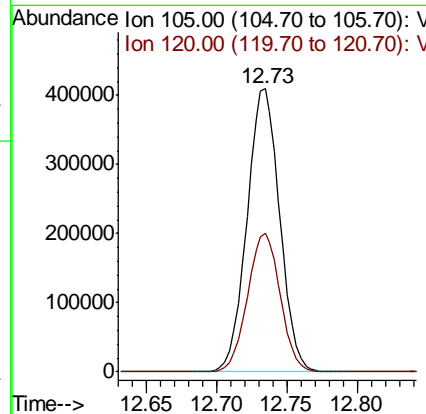
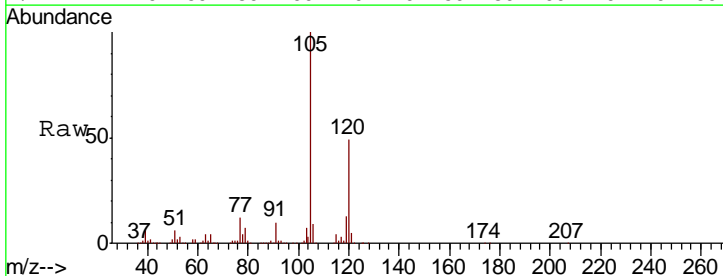
Tgt Ion	Resp	Lower	Upper
91	100		
126	36.3	18.0	54.0

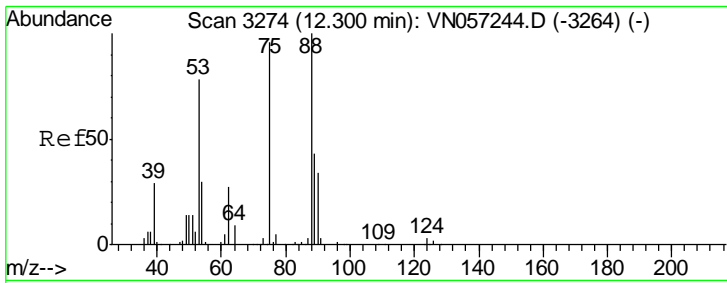
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 23.379 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
105	100		
120	48.9	25.3	75.8





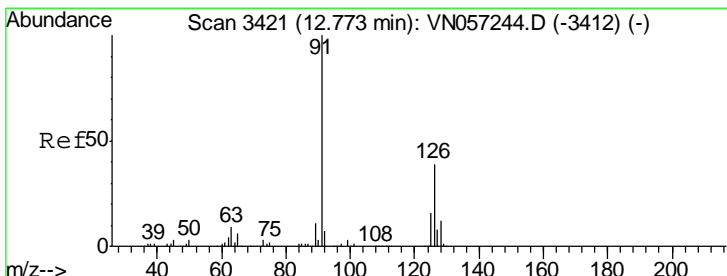
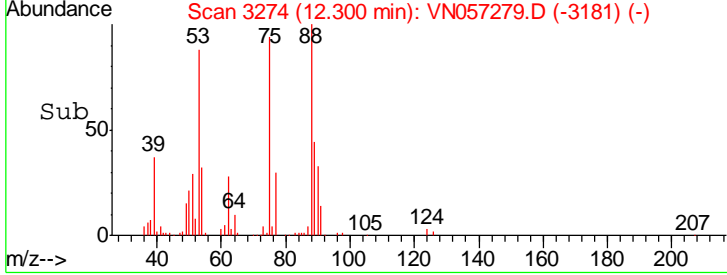
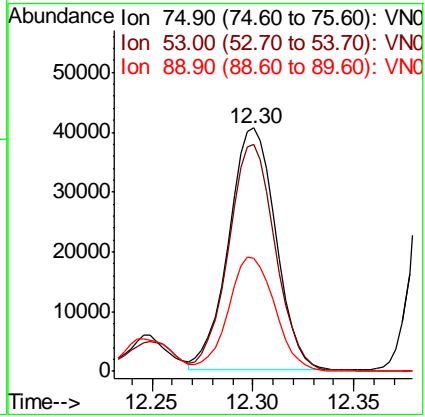
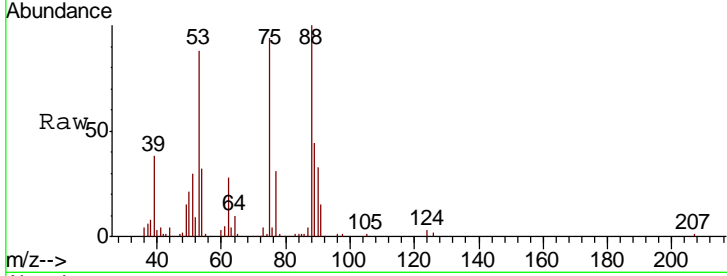
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 21.579 ug/l  
 RT: 12.30 min Scan# 3274  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
75	66471		
75	100		
53	93.6	65.8	98.6
89	46.3	36.7	55.1

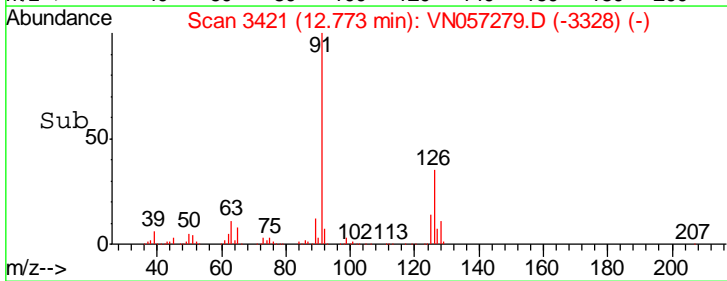
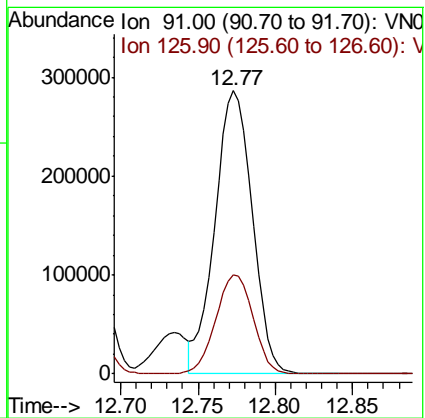
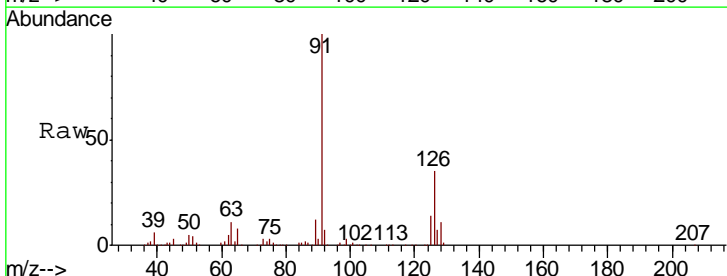
Manual Integrations  
 APPROVED

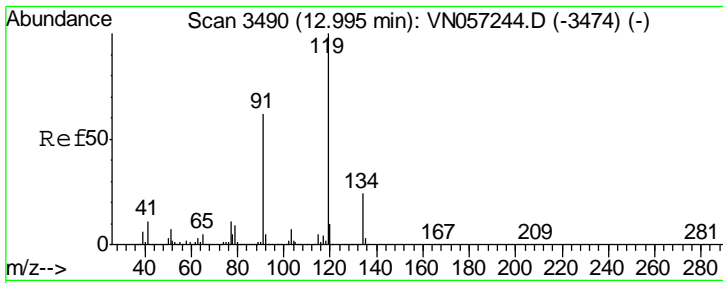
MMDadoda  
 8/19/2019 1:52:50 AM



#82  
 4-Chlorotoluene  
 Concen: 21.243 ug/l  
 RT: 12.77 min Scan# 3421  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
91	479343		
91	100		
126	35.1	17.9	53.7





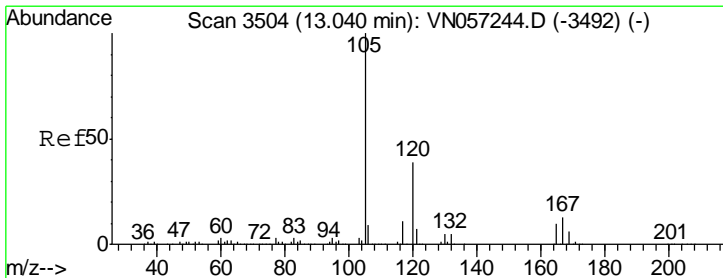
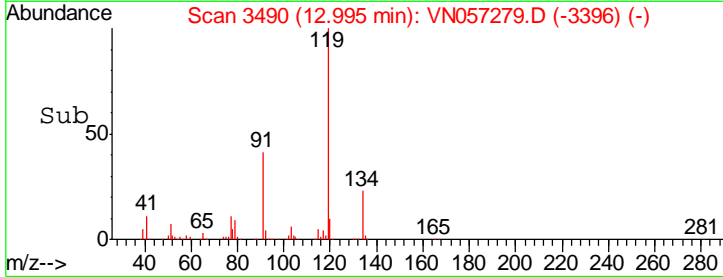
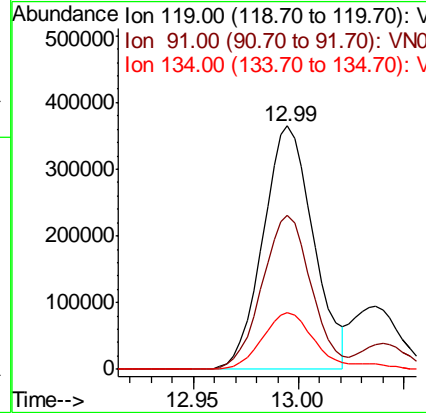
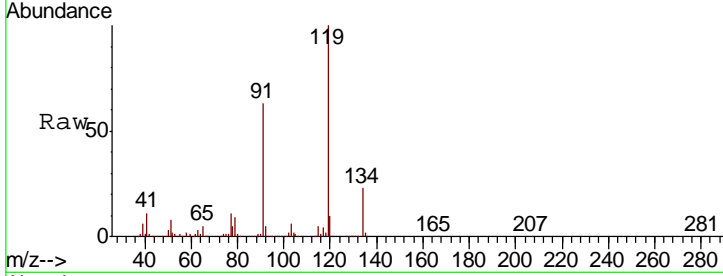
#83  
 tert-Butylbenzene  
 Concen: 23.824 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
119	100		
91	61.9	30.8	92.3
134	23.6	12.9	38.7

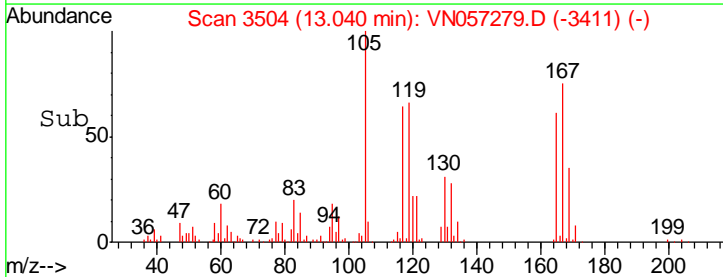
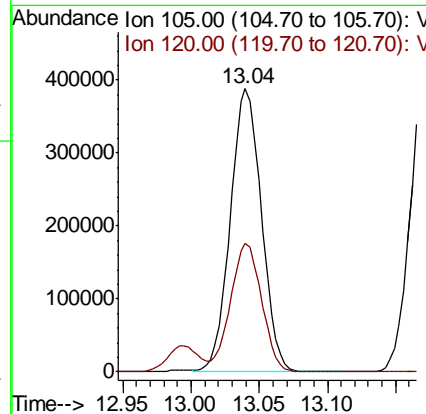
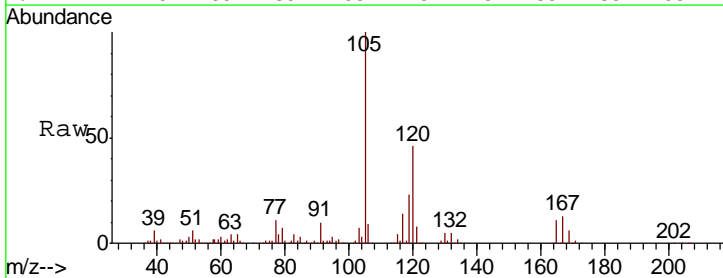
Manual Integrations  
 APPROVED

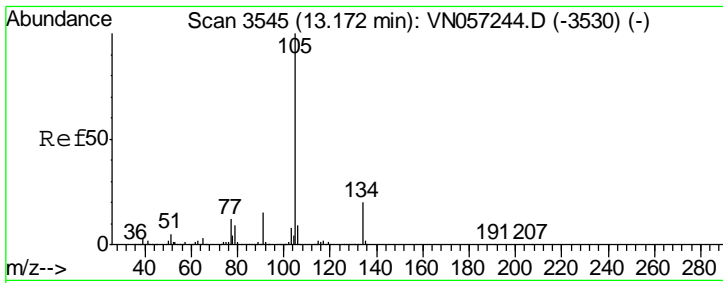
MMDadoda  
 8/19/2019 1:52:50 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.145 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
105	100		
120	45.7	23.2	69.5



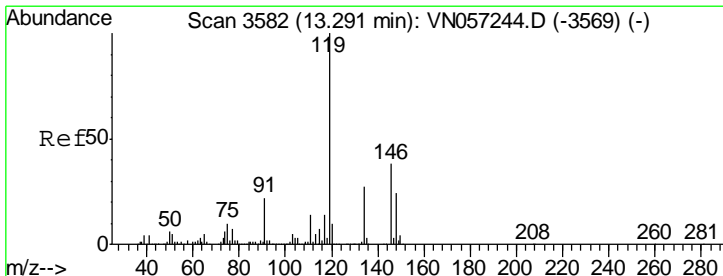
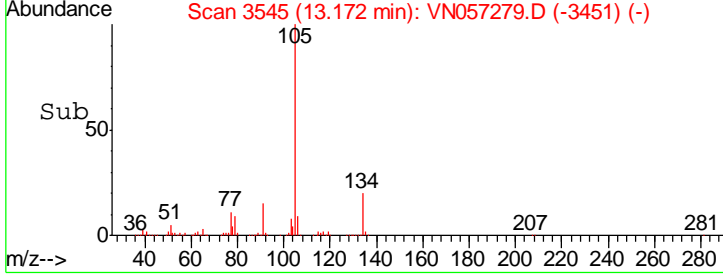
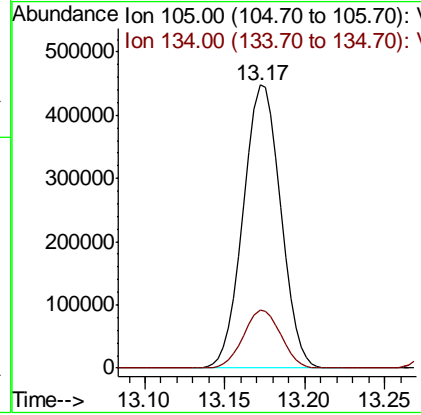
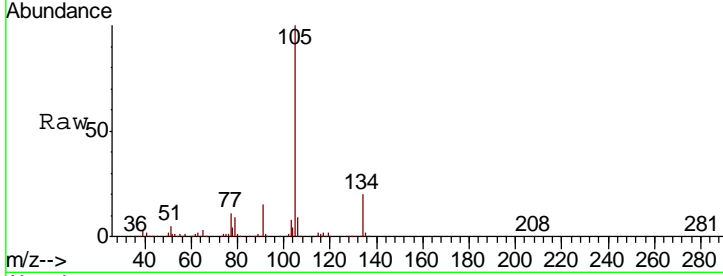


#85  
 sec-Butylbenzene  
 Concen: 22.697 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

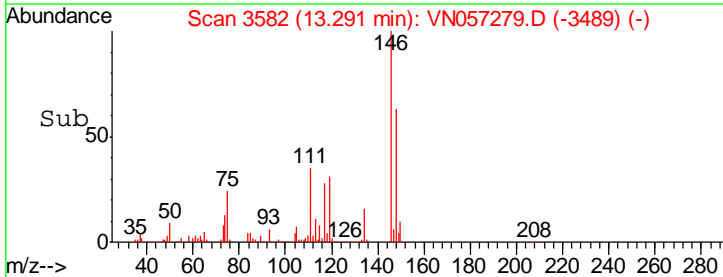
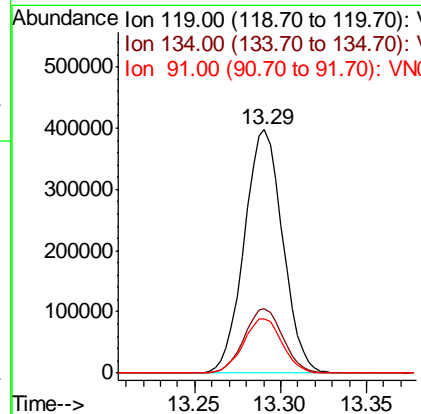
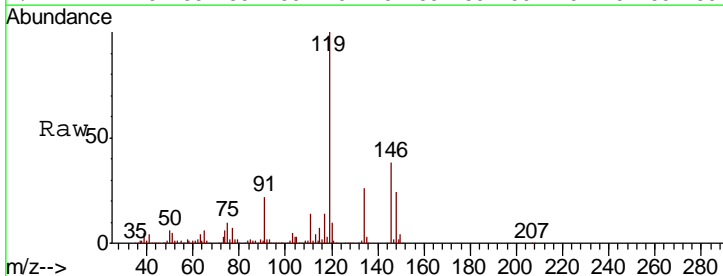
Tgt Ion	Resp	Lower	Upper
105	100		
134	20.4	10.4	31.2

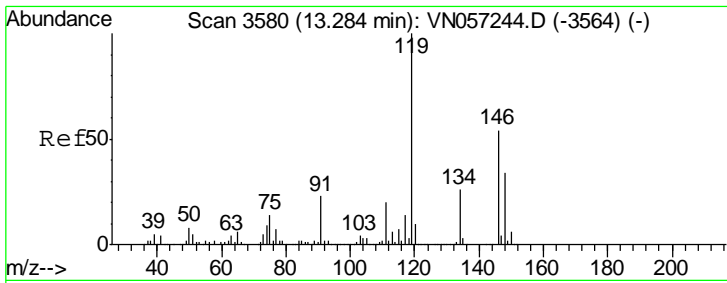
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



#86  
 p-Isopropyltoluene  
 Concen: 20.122 ug/l  
 RT: 13.29 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

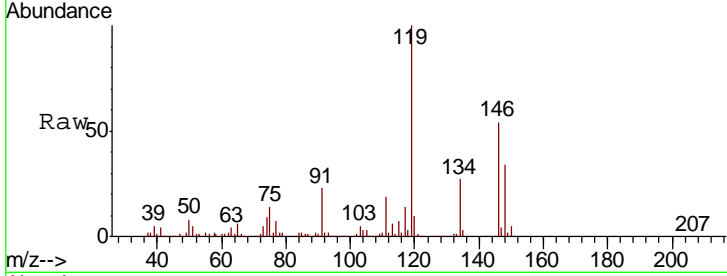
Tgt Ion	Resp	Lower	Upper
119	100		
134	26.8	13.5	40.5
91	22.6	11.1	33.3





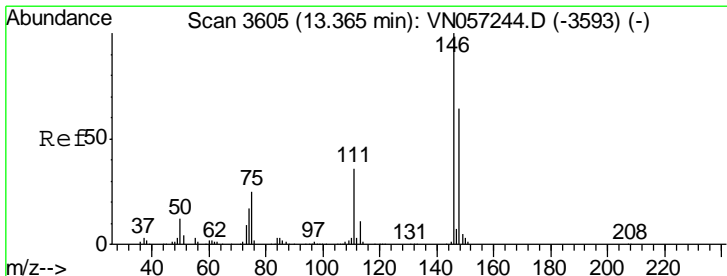
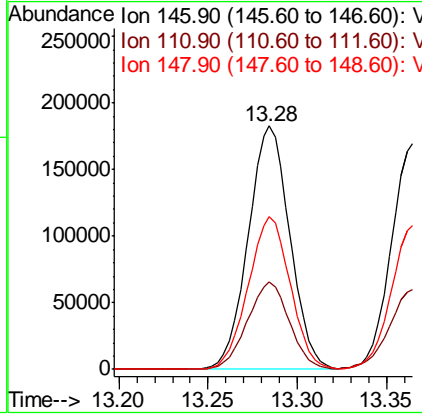
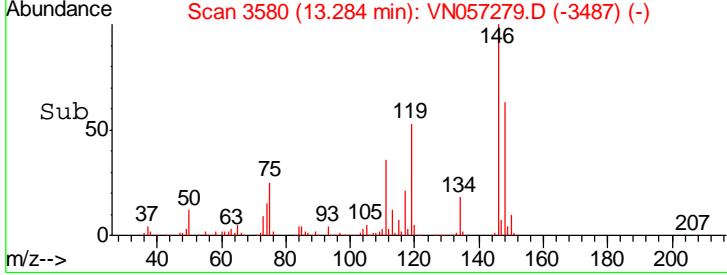
#87  
 1,3-Dichlorobenzene  
 Concen: 20.797 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

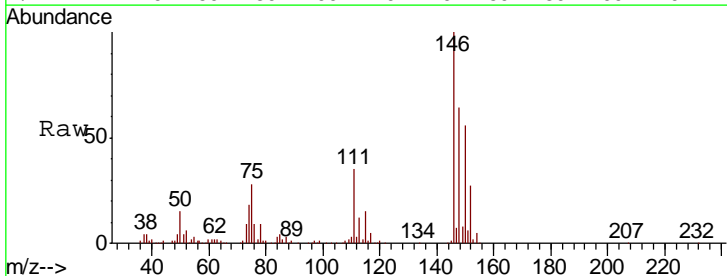


Tgt Ion	Resp	Lower	Upper
146	100		
111	36.2	18.8	56.4
148	63.4	32.1	96.5

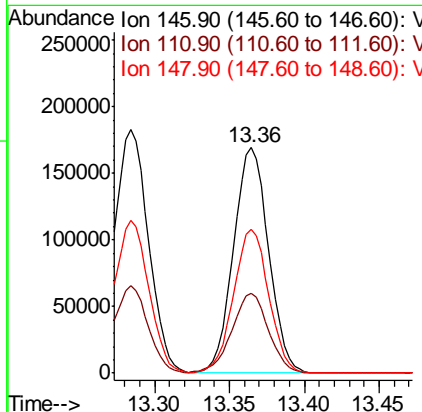
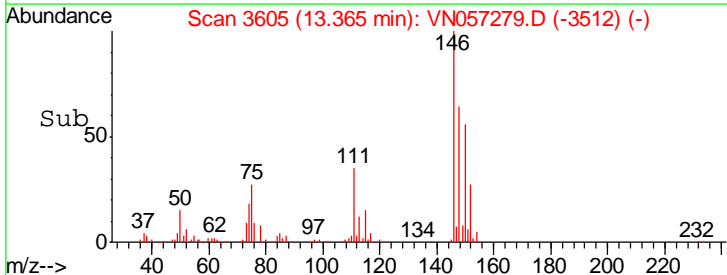
Manual Integrations  
**APPROVED**  
 MMDadoda  
 8/19/2019 1:52:50 AM



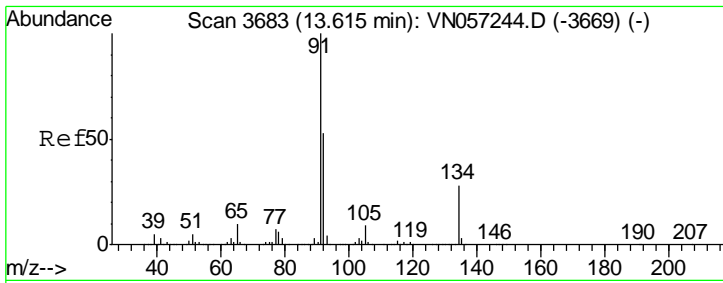
#88  
 1,4-Dichlorobenzene  
 Concen: 19.892 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42



Tgt Ion	Resp	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	63.9	32.0	96.0







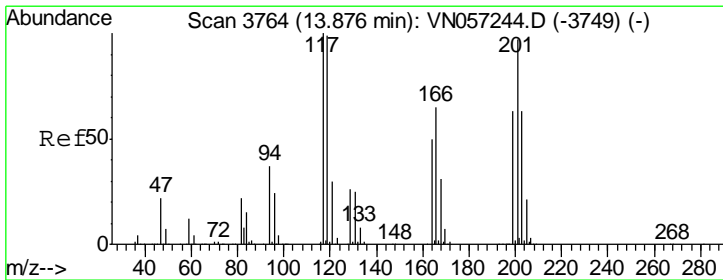
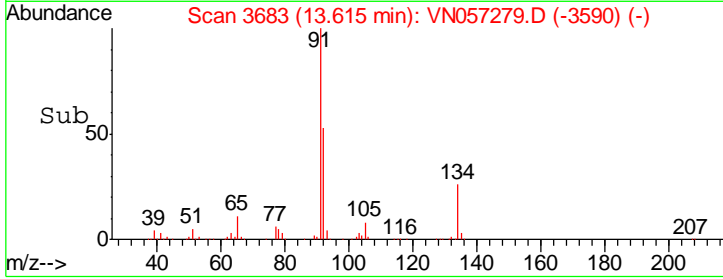
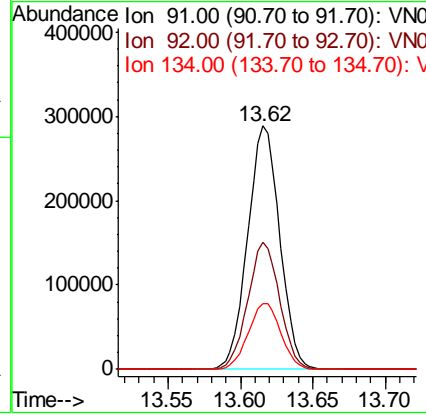
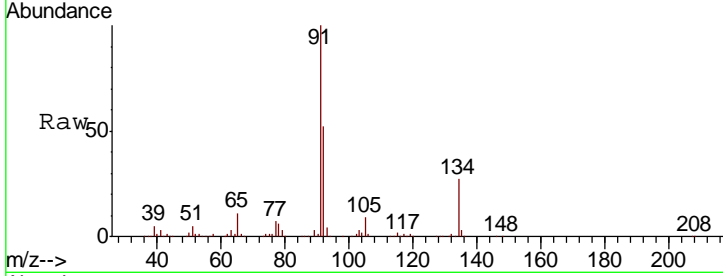
#89  
 n-Butylbenzene  
 Concen: 20.772 ug/l  
 RT: 13.62 min Scan# 3683  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
91	100		
92	51.7	26.3	78.9
134	27.7	14.1	42.3

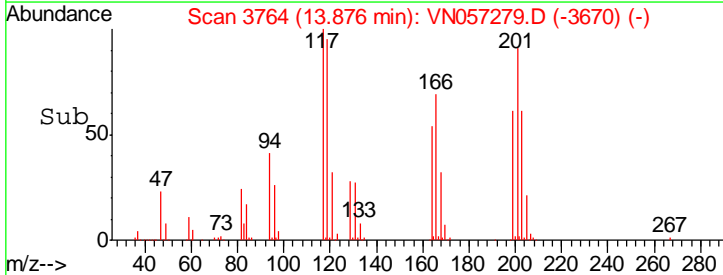
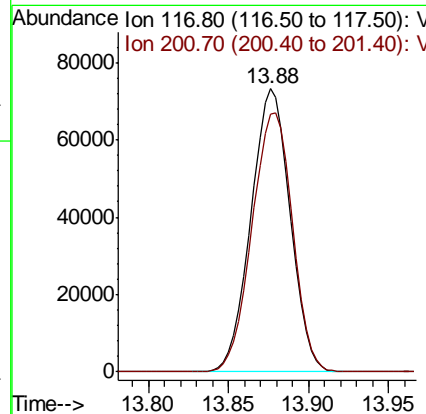
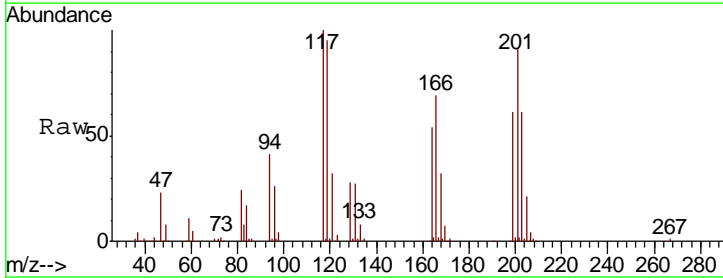
Manual Integrations  
 APPROVED

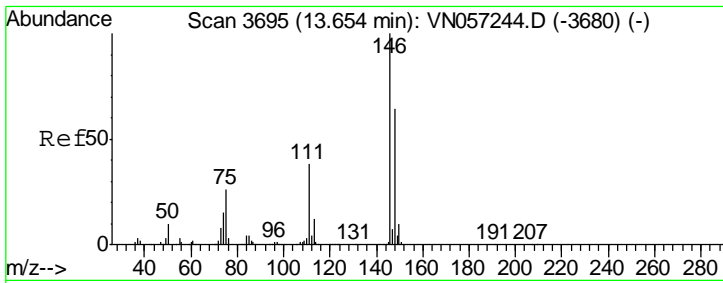
MMDadoda  
 8/19/2019 1:52:50 AM



#90  
 Hexachloroethane  
 Concen: 23.300 ug/l  
 RT: 13.88 min Scan# 3764  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
117	100		
201	94.6	49.5	148.5





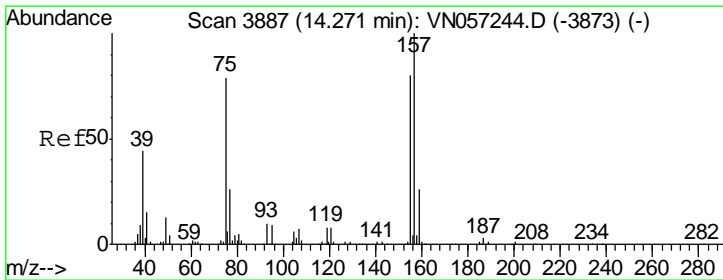
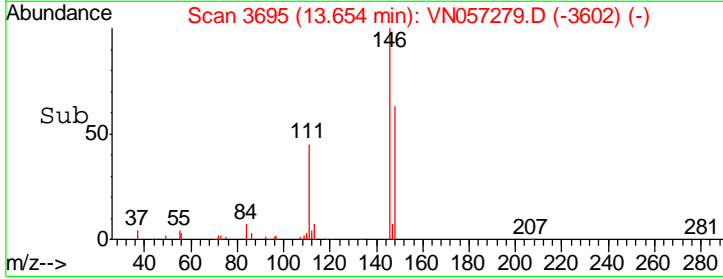
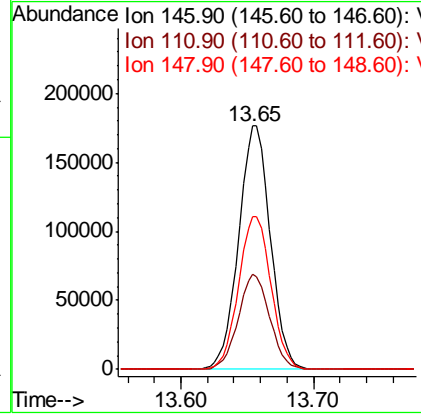
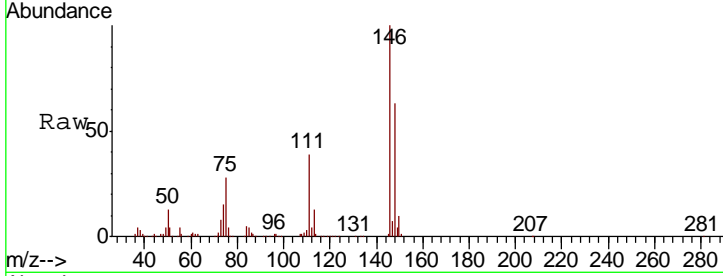
#91  
 1,2-Dichlorobenzene  
 Concen: 20.895 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	64.3	31.9	95.5

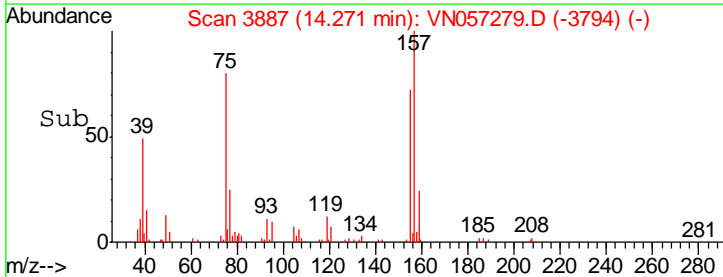
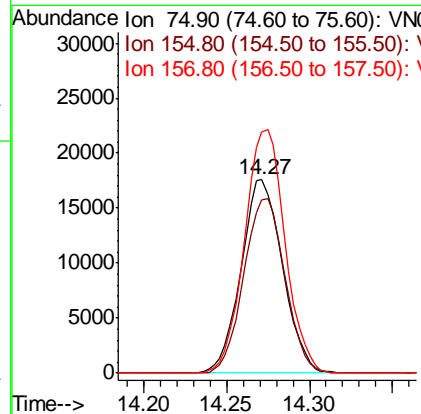
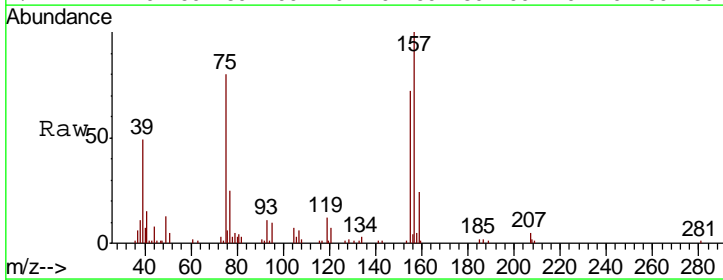
Manual Integrations  
 APPROVED

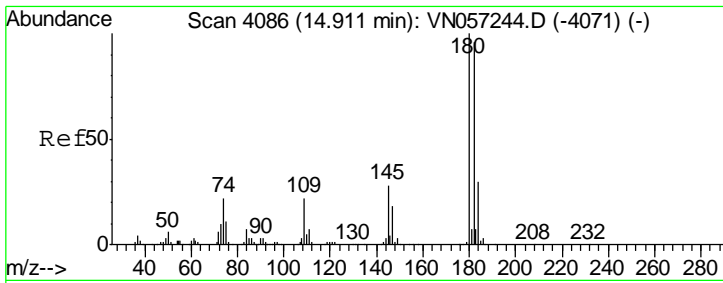
MMDadoda  
 8/19/2019 1:52:50 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.068 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
75	100		
155	89.6	50.3	151.0
157	123.6	65.3	195.9





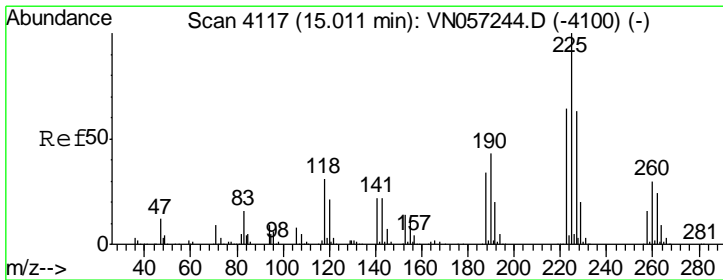
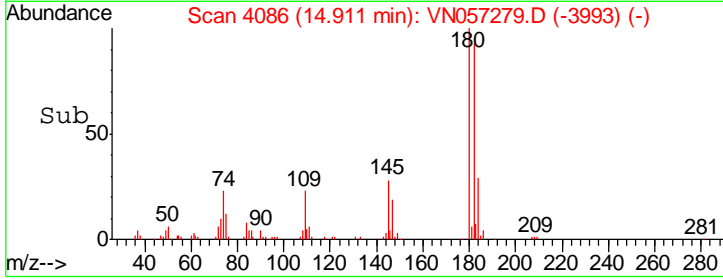
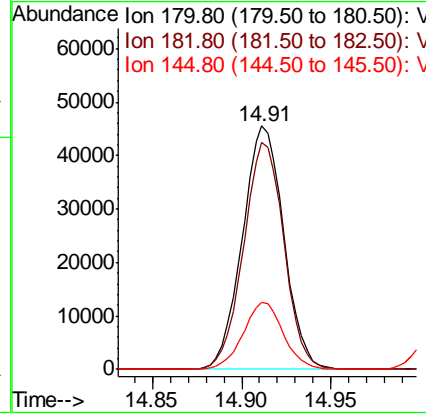
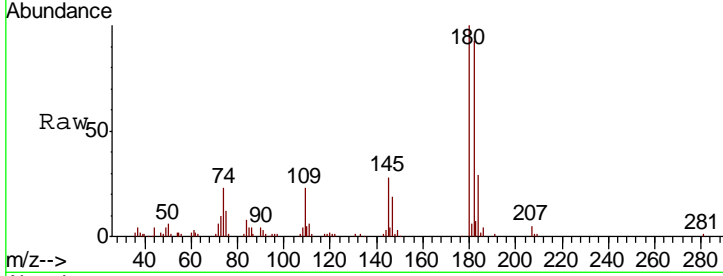
#93  
 1,2,4-Trichlorobenzene  
 Concen: 15.841 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 ClientSampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
180	100		
182	91.1	47.7	143.1
145	26.7	14.2	42.6

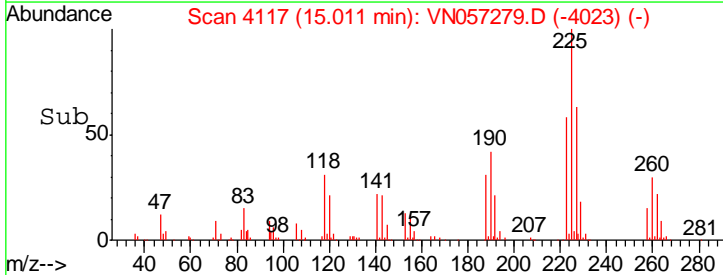
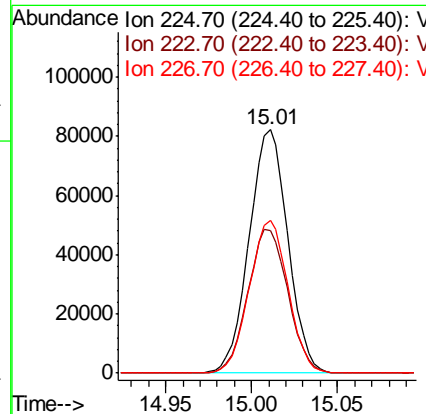
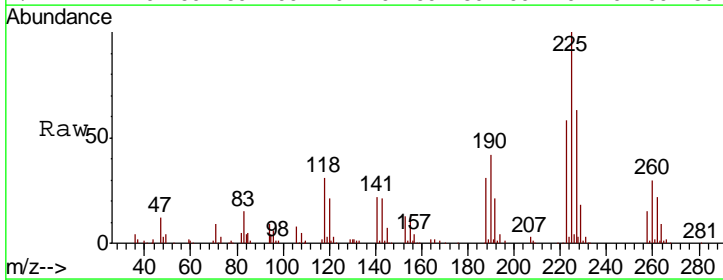
Manual Integrations  
 APPROVED

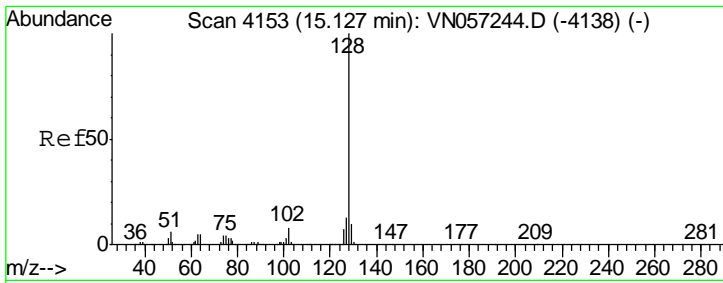
MMDadoda  
 8/19/2019 1:52:50 AM



#94  
 Hexachlorobutadiene  
 Concen: 21.867 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
225	100		
223	60.9	31.4	94.2
227	62.8	31.4	94.3





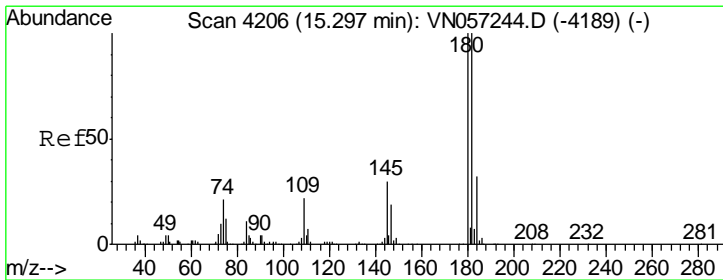
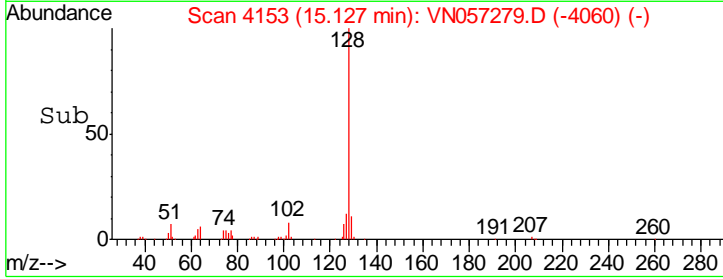
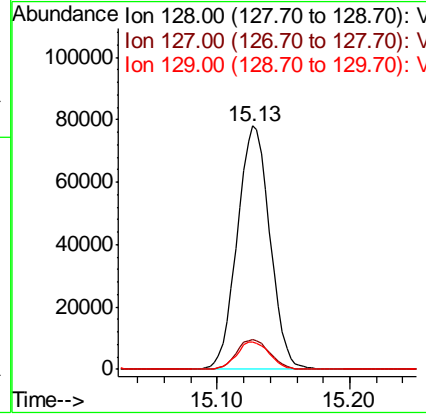
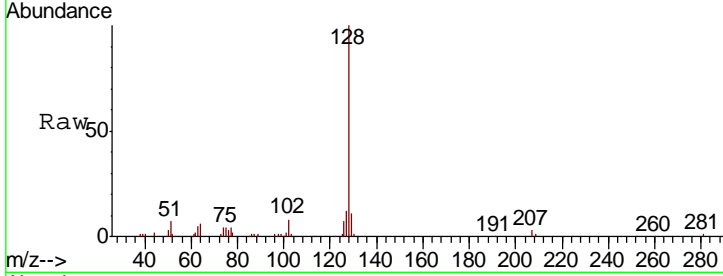
#95  
 Naphthalene  
 Concen: 18.619 ug/l  
 RT: 15.13 min Scan# 4153  
 Delta R.T. 0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Instrument : MSVOA\_N  
 Client Sampled : VN0814WBS01

Tgt Ion	Resp	Lower	Upper
128	133230		
127	12.4	10.4	15.6
129	11.3	8.5	12.7

Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2019 1:52:50 AM



#96  
 1,2,3-Trichlorobenzene  
 Concen: 17.632 ug/l  
 RT: 15.29 min Scan# 4205  
 Delta R.T. -0.00 min  
 Lab File: VN057279.D  
 Acq: 14 Aug 2019 11:42

Tgt Ion	Resp	Lower	Upper
180	71603		
182	94.7	48.9	146.7
145	29.3	15.0	45.1

