

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122818\  
 Data File : VN053211.D  
 Acq On : 28 Dec 2018 8:28  
 Operator : MD\SY  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 28

**Instrument :**  
 MSVOA\_N  
**Client Sampled :**  
 VSTDIC005

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 1/2/2019 9:47:56 AM

Quant Time: Dec 28 09:37:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Dec 28 09:33:03 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	168900	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	982806	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	865306	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	323832	28.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.80%
60) 4-Bromofluorobenzene	12.40	95	389877	29.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.23%
63) Toluene-d8	10.09	98	1187715	29.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	54003	5.614	ug/l 97
3) Chloromethane	2.06	50	68671	5.383	ug/l 98
4) Vinyl Chloride	2.19	62	67204	5.219	ug/l 96
5) Bromomethane	2.57	94	45478	6.195	ug/l 95
6) Chloroethane	2.71	64	39976	5.221	ug/l 95
7) Trichlorofluoromethane	3.03	101	84799	5.336	ug/l 100
8) Diethyl Ether	3.41	74	30856	5.259	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	53713	5.332	ug/l 95
10) 1,1-Dichloroethene	3.74	96	52047	5.495	ug/l 93
11) Methyl Iodide	3.96	142	66586	5.063	ug/l 99
12) Methyl Acetate	4.33	43	42400	5.269	ug/l 96
13) Acrolein	3.61	56	22431	23.728	ug/l # 53
14) Acrylonitrile	4.99	53	85394	24.904	ug/l 97
15) Acetone	3.81	58	18176	20.468	ug/l 85
16) Carbon Disulfide	4.06	76	155843	5.197	ug/l 98
17) Allyl chloride	4.33	41	77369	4.684	ug/l 97
18) Methylene Chloride	4.55	84	63161	5.759	ug/l 94
19) trans-1,2-Dichloroethene	5.05	96	55283	5.424	ug/l 91
20) Diisopropyl ether	5.95	45	169383	4.880	ug/l 98
21) 1,1-Dichloroethane	5.85	63	101208	5.116	ug/l 97
22) cis-1,2-Dichloroethene	6.83	96	60220	5.155	ug/l 98
23) tert-Butyl Alcohol	4.78	59	14268	27.972	ug/l # 100
24) Methyl tert-Butyl Ether	5.04	73	129426	5.209	ug/l # 78
25) Chloroform	7.37	83	97390	5.102	ug/l 96
26) Cyclohexane	7.65	56	92220	4.942	ug/l # 97
29) 1,1-Dichloropropene	7.79	75	77454	5.161	ug/l 98
30) 2-Butanone	6.83	43	88658	22.076	ug/l 99
31) 2,2-Dichloropropane	6.82	77	73484	5.318	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	79868	5.114	ug/l 96
33) Carbon Tetrachloride	7.78	117	67907	4.970	ug/l 96
34) Benzene	8.04	78	235672	5.223	ug/l # 80
35) Methacrylonitrile	7.17	41	24285	4.874	ug/l 92
36) 1,2-Dichloroethane	8.12	62	68670	5.022	ug/l 97
37) Trichloroethene	8.83	130	63458	5.546	ug/l 93
38) Methylcyclohexane	9.08	83	90135	4.851	ug/l 96
39) 1,2-Dichloropropane	9.12	63	60568	5.007	ug/l 98
40) Dibromomethane	9.21	93	34941	5.346	ug/l 96

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 Acq On : 28 Dec 2018 8:28  
 Operator : MD\SY  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC005

Manual Integrations  
 APPROVED

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 1/2/2019 9:47:56 AM

Quant Time: Dec 28 09:37:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Dec 28 09:33:03 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	74176	5.136	ug/l	92
42) Vinyl Acetate	5.90	43	487720	22.445	ug/l	97
43) Ethyl Acetate	6.93	43	38770	4.540	ug/l #	62
44) Isopropyl Acetate	8.16	43	77448	5.171	ug/l	99
45) 1,4-Dioxane	9.20	88	9425	115.033	ug/l	95
46) Methyl methacrylate	9.20	41	37377	4.807	ug/l	97
47) n-amyl Acetate	12.07	43	63906	5.146	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	69065	4.932	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	85722	5.025	ug/l	95
50) 1,1,2-Trichloroethane	10.56	97	49670	5.361	ug/l	98
51) Ethyl methacrylate	10.43	69	58464	5.024	ug/l	95
52) 1,3-Dichloropropane	10.71	76	84625	5.131	ug/l	99
53) Dibromochloromethane	10.90	129	53280	5.223	ug/l	97
54) 1,2-Dibromoethane	11.01	107	48208	5.325	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	170177	24.983	ug/l	99
56) Bromoform	12.13	173	35029	5.254	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	200320	23.879	ug/l	96
59) 2-Hexanone	10.75	43	138547	24.177	ug/l	97
61) Tetrachloroethene	10.63	164	68976	6.472	ug/l	98
62) Toluene	10.16	91	254445	5.334	ug/l	99
64) Chlorobenzene	11.43	112	157308	5.403	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	53939	5.337	ug/l	99
66) Ethyl Benzene	11.51	91	264873	5.152	ug/l	98
67) m/p-Xylenes	11.62	106	203290	10.614	ug/l	96
68) o-Xylene	11.95	106	97010	5.218	ug/l	100
69) Styrene	11.96	104	152394	5.079	ug/l	99
70) Isopropylbenzene	12.25	105	256516	5.186	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	54216	5.039	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	44364m	4.803	ug/l	
73) Bromobenzene	12.53	156	64733	5.411	ug/l	96
74) n-propylbenzene	12.59	91	285096	4.947	ug/l	98
75) 2-Chlorotoluene	12.67	91	171466	5.126	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	201650	5.047	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	14458	4.955	ug/l	98
78) 4-Chlorotoluene	12.77	91	173813	5.203	ug/l	98
79) tert-butylbenzene	12.99	119	179502	5.159	ug/l	96
80) 1,2,4-Trimethylbenzene	13.04	105	200967	5.027	ug/l	98
81) sec-Butylbenzene	13.17	105	237998	4.911	ug/l	99
82) p-Isopropyltoluene	13.29	119	198326	4.806	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	113256	5.383	ug/l	97
84) 1,4-Dichlorobenzene	13.36	146	107846	5.305	ug/l	97
85) n-Butylbenzene	13.62	91	156300	4.409	ug/l	99
86) Hexachloroethane	13.88	117	29844	4.268	ug/l	93
87) 1,2-Dichlorobenzene	13.65	146	106638	5.326	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	7615	5.052	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	43411	4.401	ug/l	98
90) Hexachlorobutadiene	15.01	225	33858	5.232	ug/l	98
91) Naphthalene	15.13	128	82131	4.123	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	37587	4.135	ug/l	97

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 Acq On : 28 Dec 2018 8:28  
 Operator : MD\SY  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 28

**Instrument :**  
 MSVOA\_N  
**ClientSampleId :**  
 VSTDIC005

**Manual Integrations**  
**APPROVED**  
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 QLast Update : Fri Dec 28 09:33:03 2018  
 Response via : Initial Calibration

Internal Standards R.T. QIon Response Conc Units Dev(Min)  
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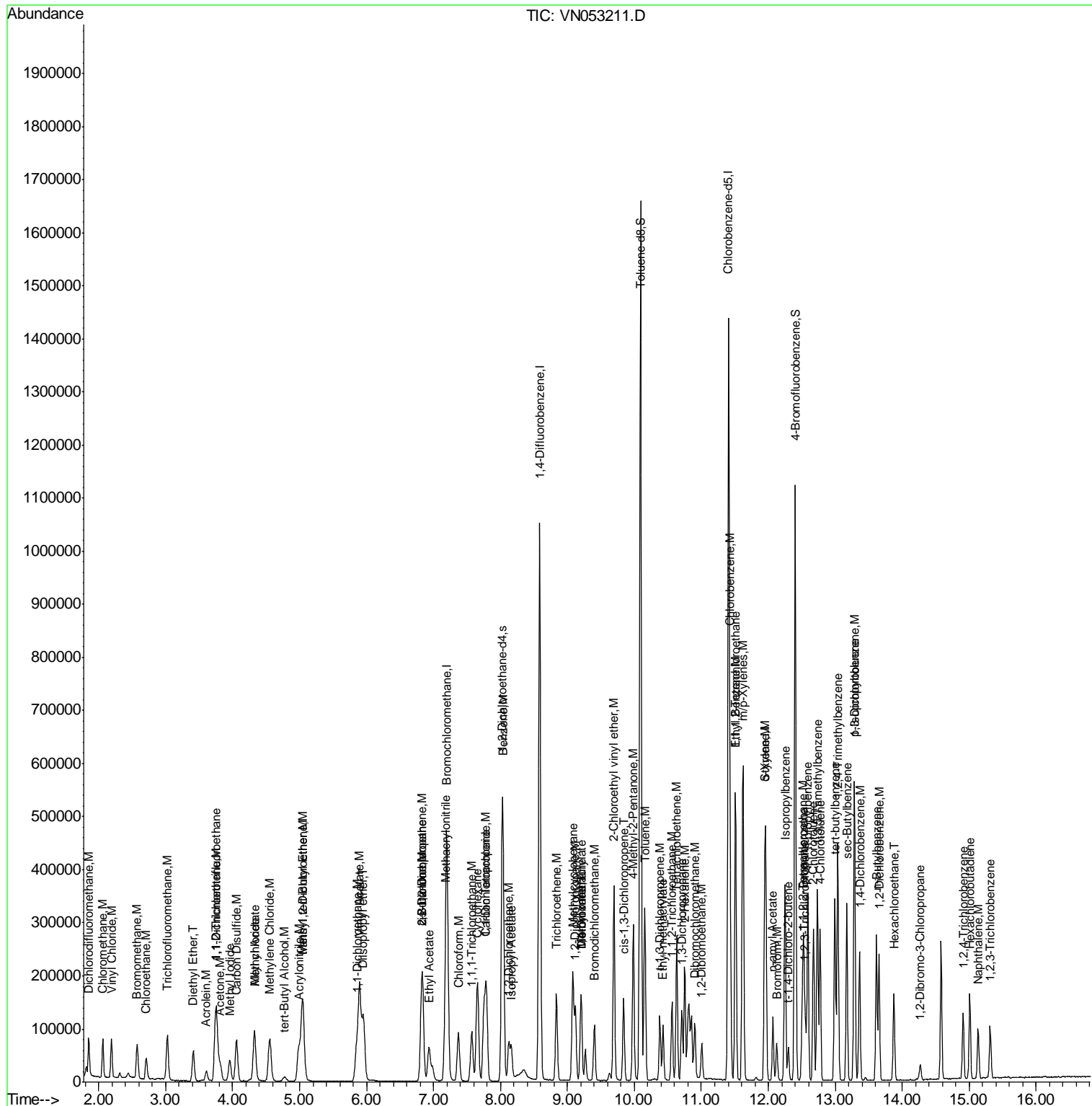
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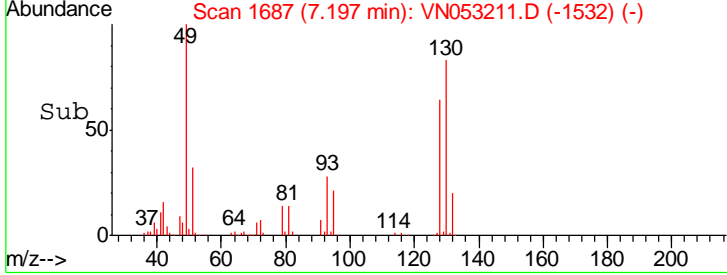
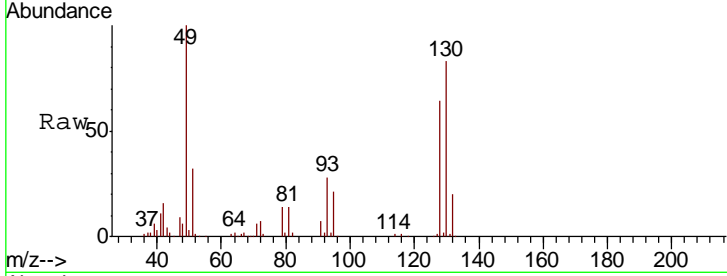
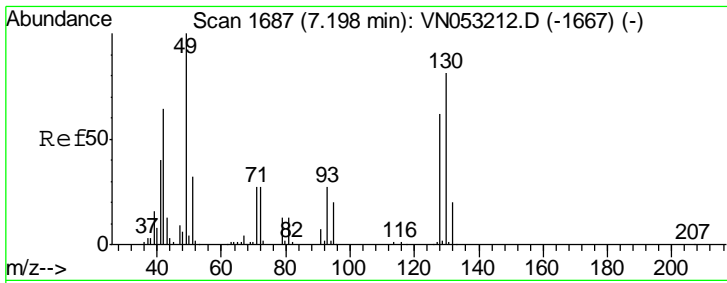
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 Data File : VN053211.D  
 Acq On : 28 Dec 2018 8:28  
 Operator : MD\SY  
 Sample : VSTDIC005  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 Client Sampled :  
 VSTDIC005

Manual Integrations  
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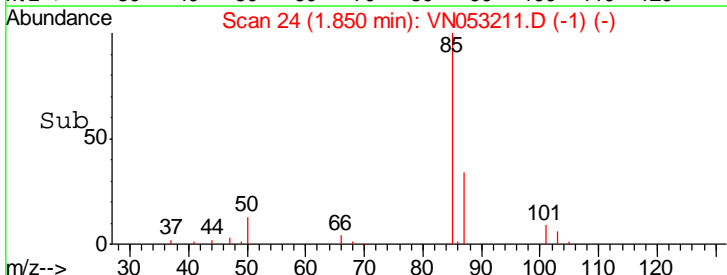
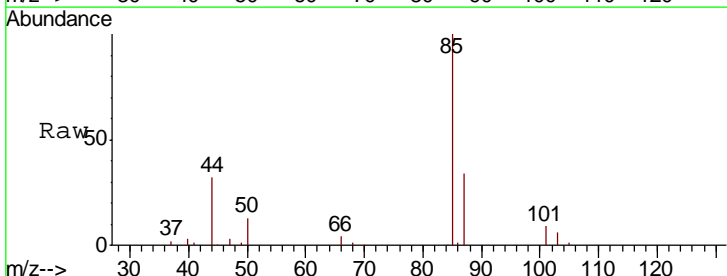
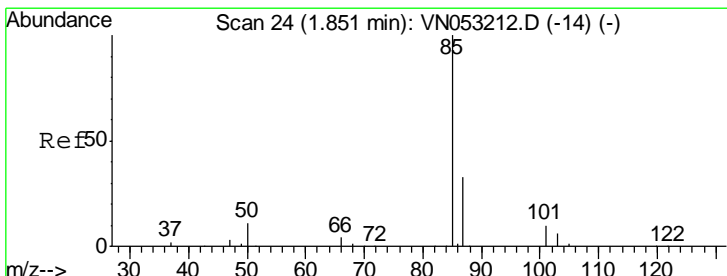
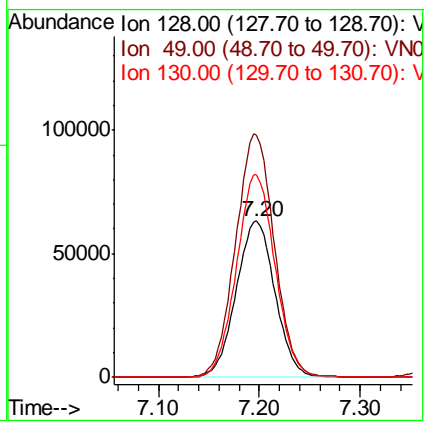


#1  
 Bromochloromethane  
 Concen: 30.000 ug/l  
 RT: 7.20 min Scan# 1687  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
128	168900		
49	155.6	0.0	431.8
130	129.3	0.0	317.0

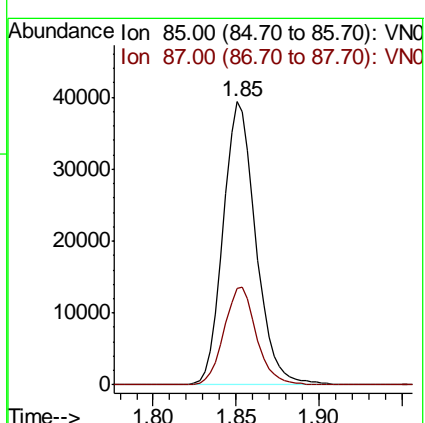
Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

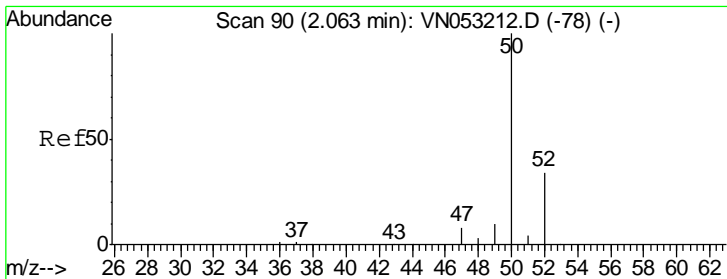
Manual Integrations  
**APPROVED**  
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 1/2/2019 9:47:56 AM



#2  
 Dichlorodifluoromethane  
 Concen: 5.614 ug/l  
 RT: 1.85 min Scan# 24  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
85	54003		
85	100		
87	34.1	16.1	48.3



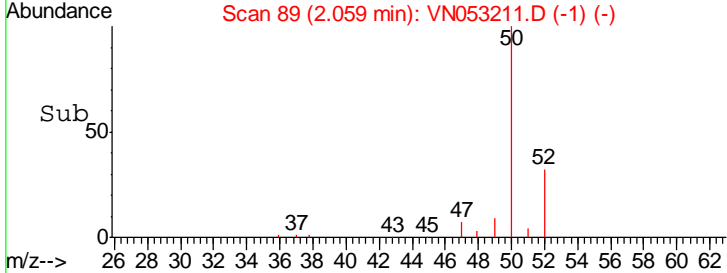
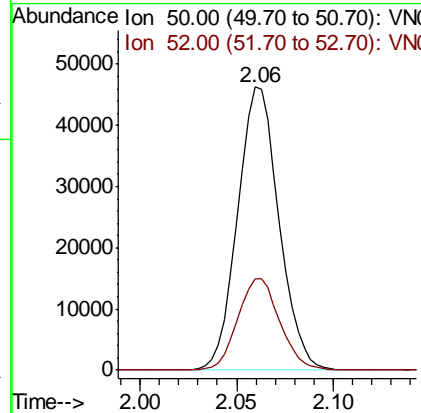
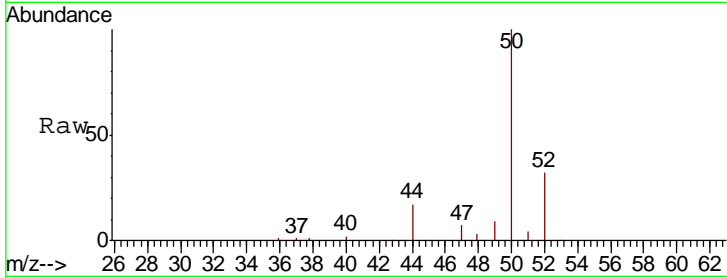


#3  
 Chloromethane  
 Concen: 5.383 ug/l  
 RT: 2.06 min Scan# 89  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
50	100		
52	32.2	26.5	39.7

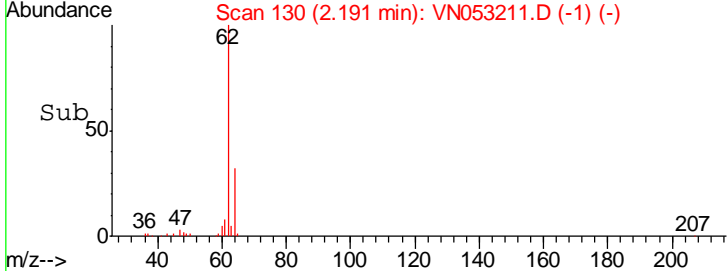
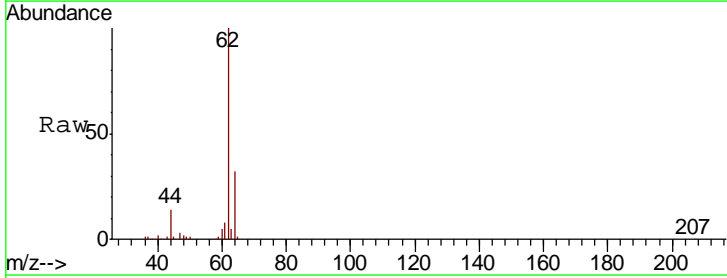
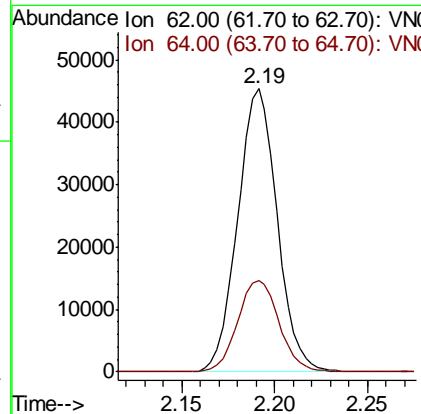
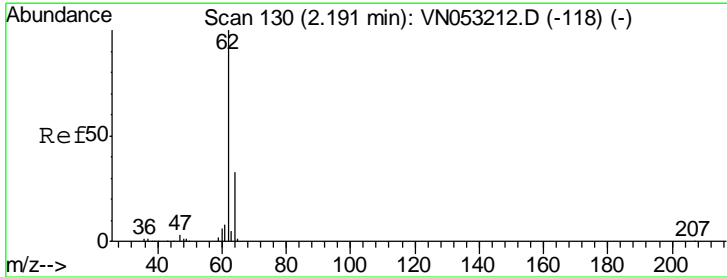
Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

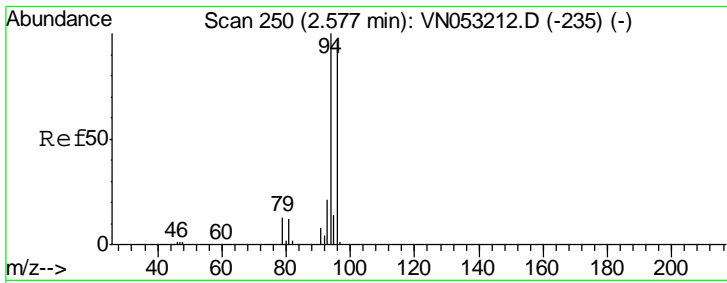
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#4  
 Vinyl Chloride  
 Concen: 5.219 ug/l  
 RT: 2.19 min Scan# 130  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
62	100		
64	32.3	24.2	36.4





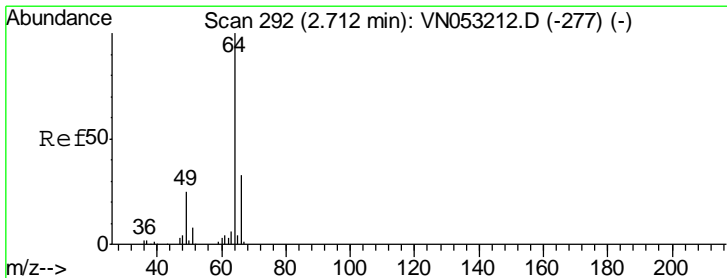
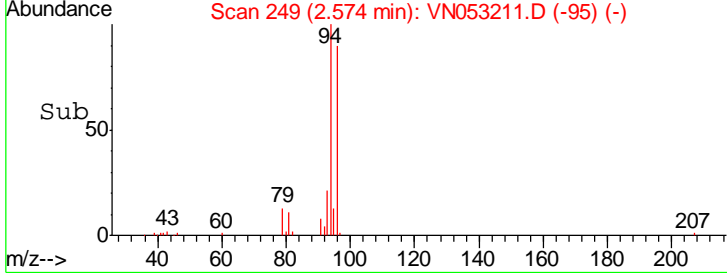
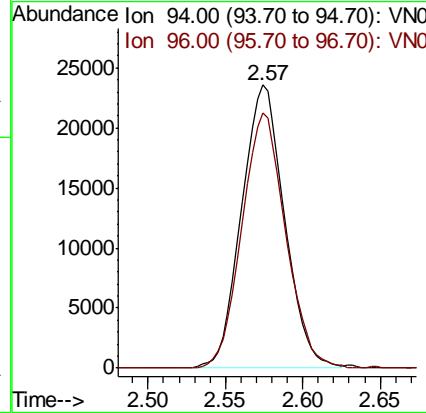
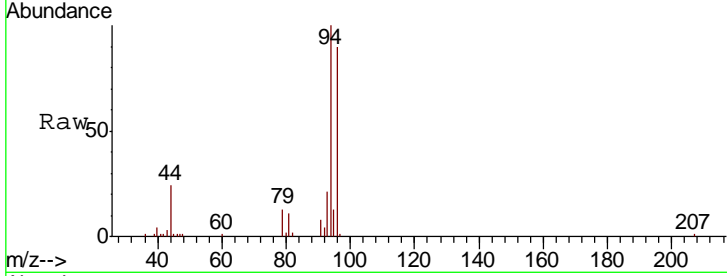
#5  
 Bromomethane  
 Concen: 6.195 ug/l  
 RT: 2.57 min Scan# 249  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC005

Tgt Ion	Resp	Lower	Upper
94	100		
96	90.1	76.2	114.2

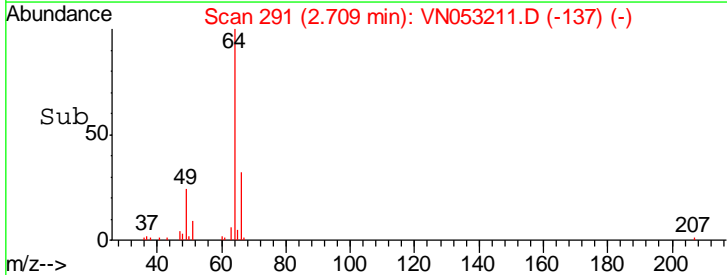
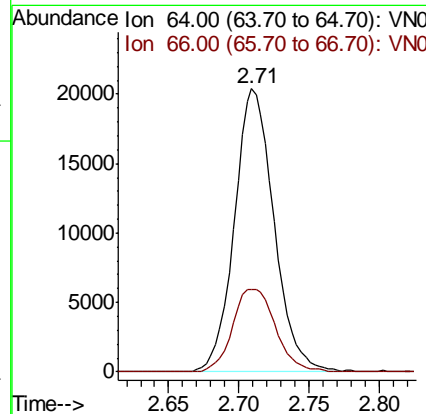
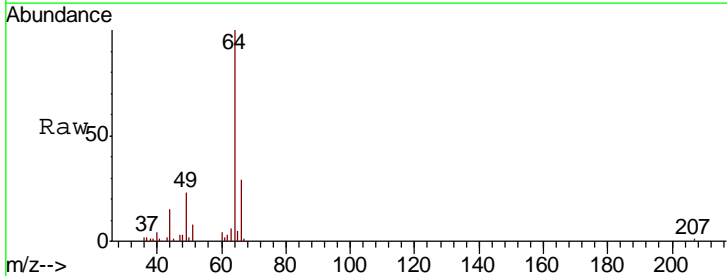
Manual Integrations  
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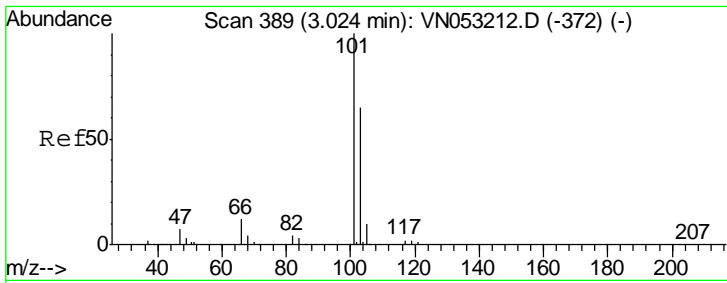
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#6  
 Chloroethane  
 Concen: 5.221 ug/l  
 RT: 2.71 min Scan# 291  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
64	100		
66	29.2	25.6	38.4





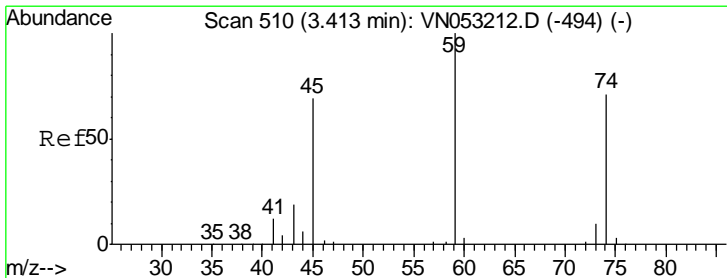
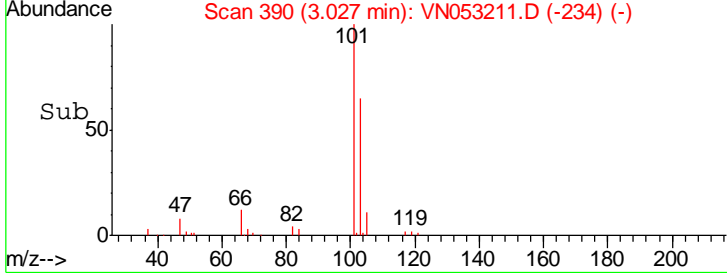
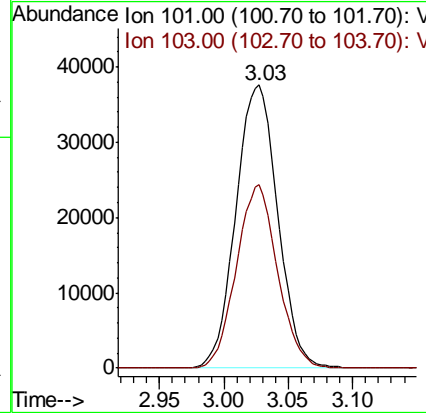
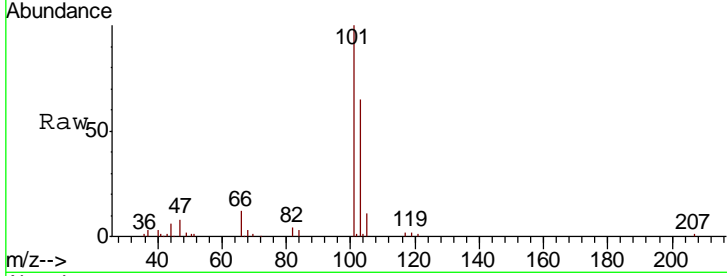
#7  
 Trichlorofluoromethane  
 Concen: 5.336 ug/l  
 RT: 3.03 min Scan# 390  
 Delta R.T. 0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
101	100		
103	64.8	52.1	78.1

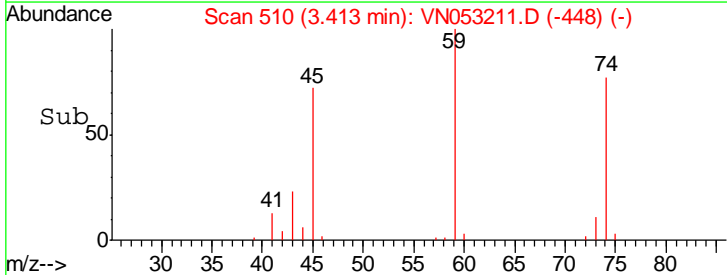
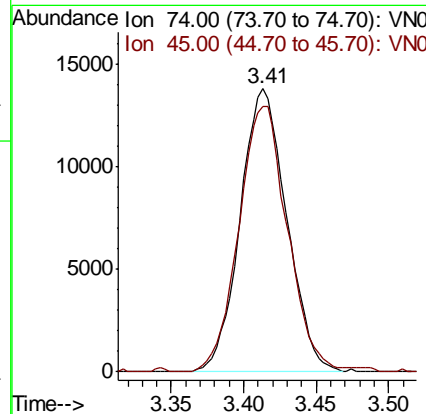
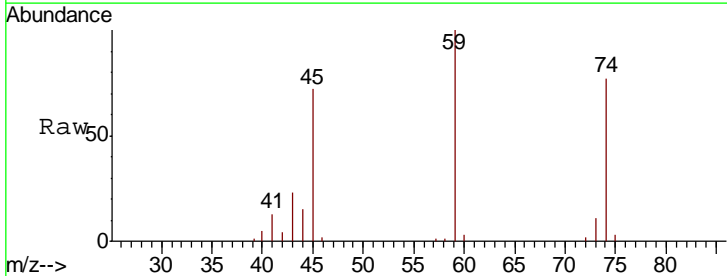
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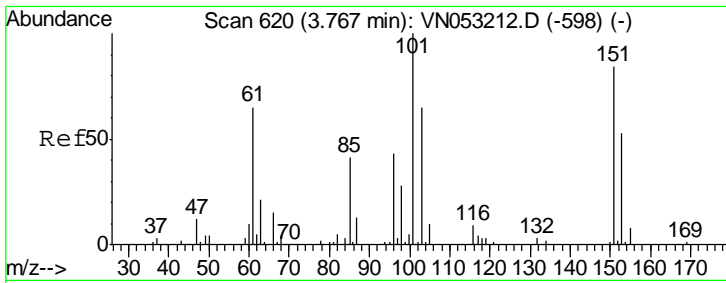


#8  
 Diethyl Ether  
 Concen: 5.259 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
74	100		
45	97.9	20.6	185.8







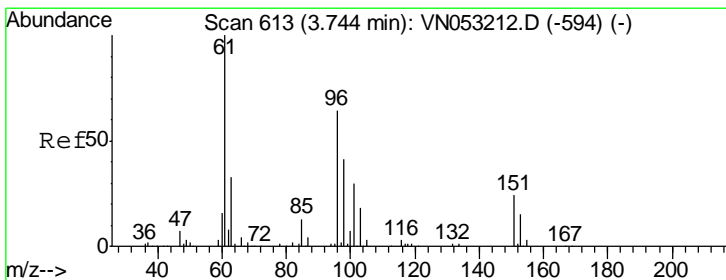
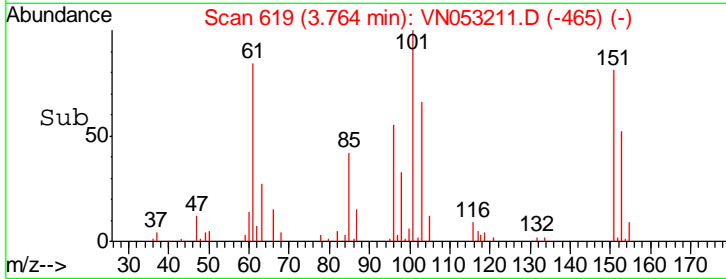
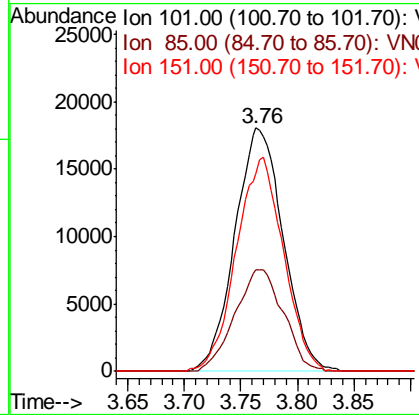
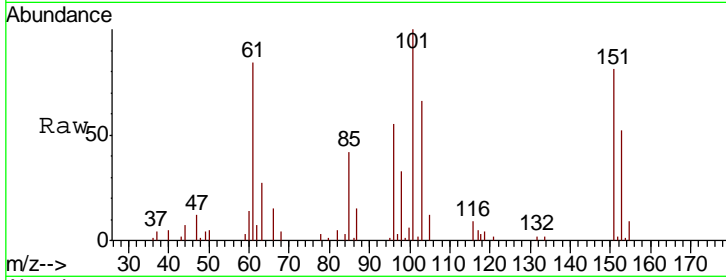
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 5.332 ug/l  
 RT: 3.76 min Scan# 619  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC005

Tgt Ion	Resp	Lower	Upper
101	53713		
101	100		
85	41.7	0.0	82.6
151	85.4	0.0	158.4

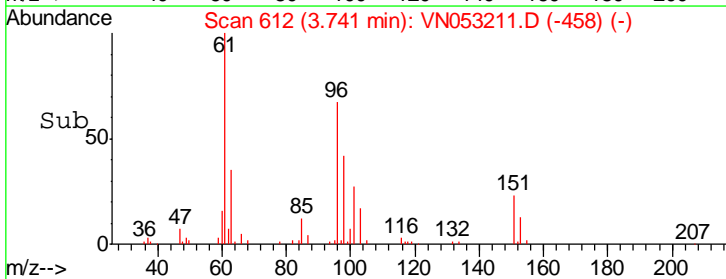
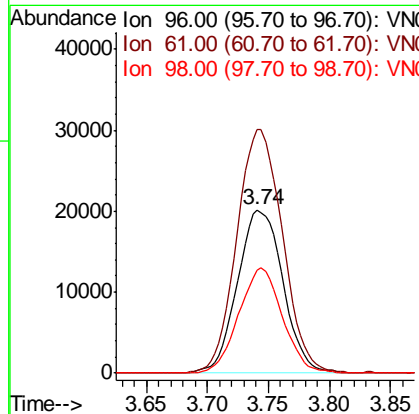
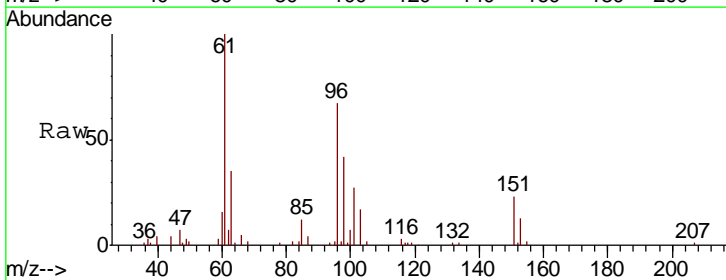
**Manual Integrations**  
**APPROVED**

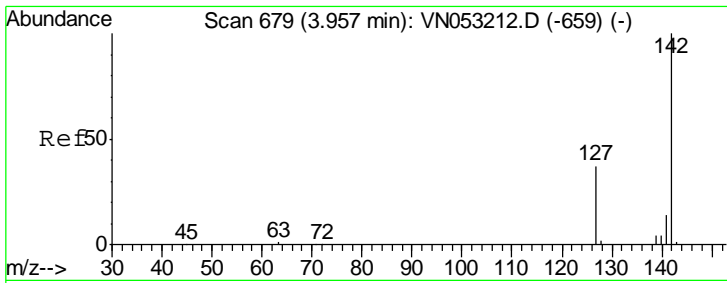
MMDadoda  
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#10  
 1,1-Dichloroethene  
 Concen: 5.495 ug/l  
 RT: 3.74 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
96	52047		
96	100		
61	148.4	129.4	194.2
98	62.9	50.4	75.6



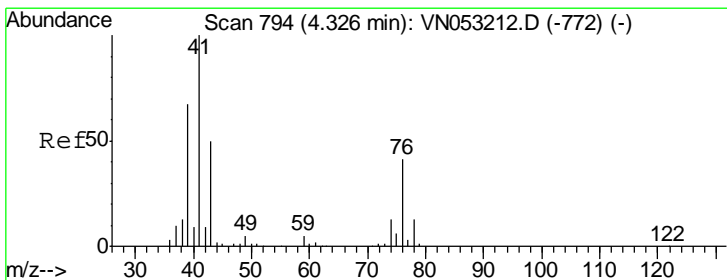
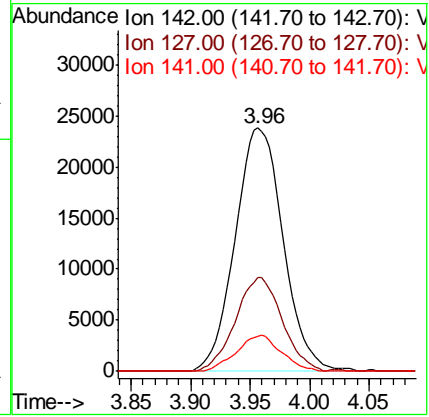
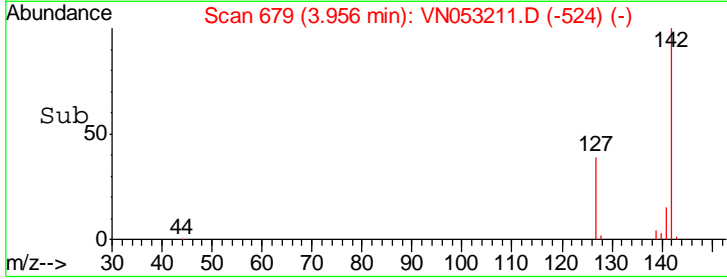
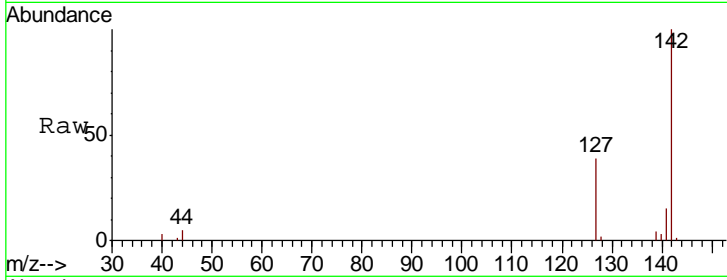


#11  
Methyl Iodide  
Concen: 5.063 ug/l  
RT: 3.96 min Scan# 679  
Delta R.T. -0.00 min  
Lab File: VN053211.D  
Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
ClientSampled : VSTDIC005

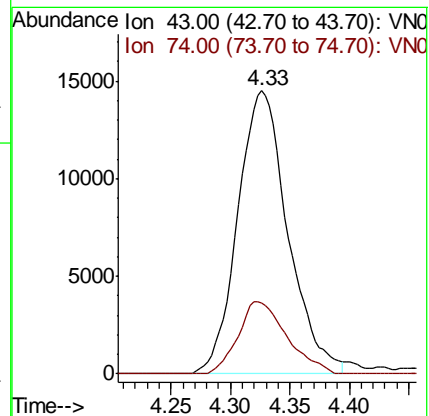
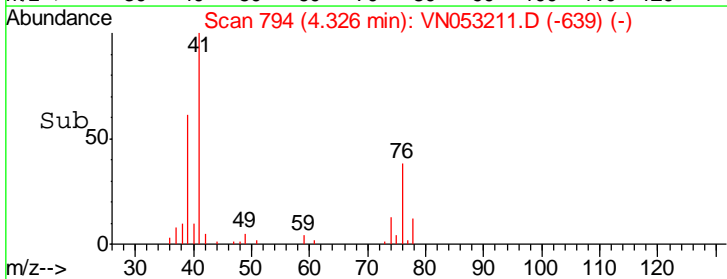
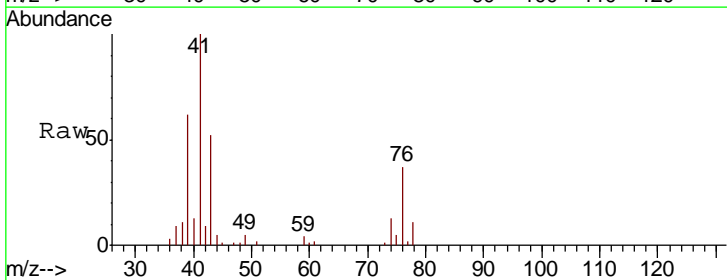
Tgt Ion	Resp	Lower	Upper
142	66586		
127	38.4	19.4	58.1
141	14.6	7.2	21.6

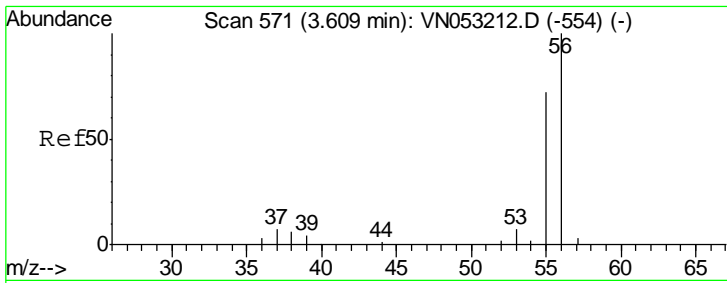
Manual Integrations  
**APPROVED**  
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#12  
Methyl Acetate  
Concen: 5.269 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: VN053211.D  
Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
43	42400		
43	100		
74	25.7	18.9	28.3





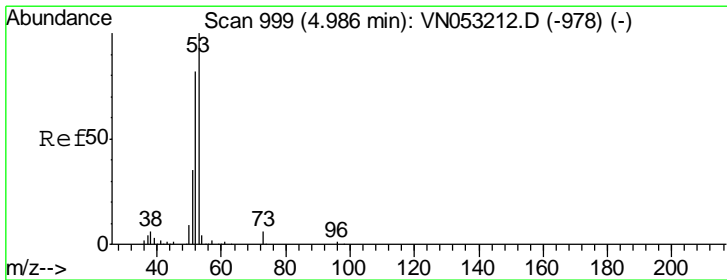
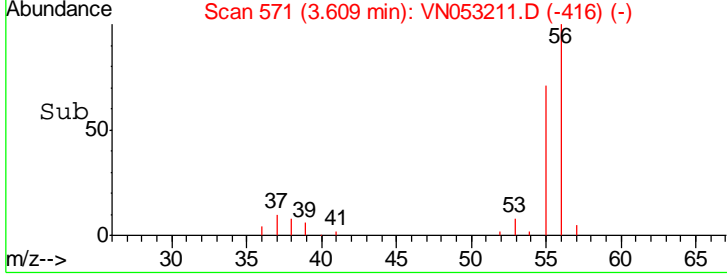
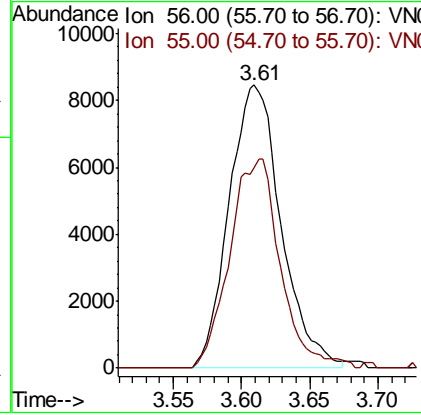
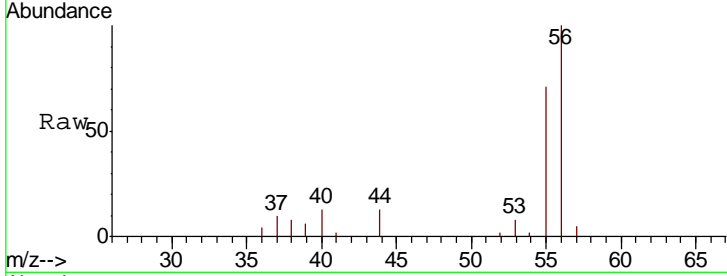
#13  
 Acrolein  
 Concen: 23.728 ug/l  
 RT: 3.61 min Scan# 571  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
56	100		
55	31.9	56.7	85.1#

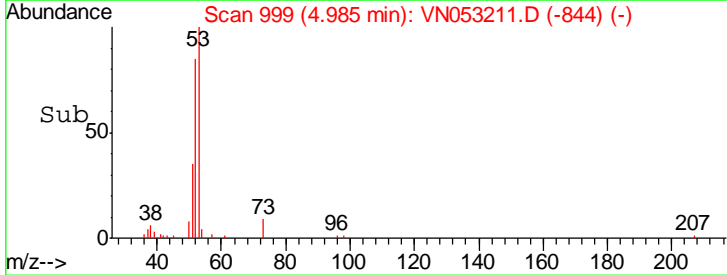
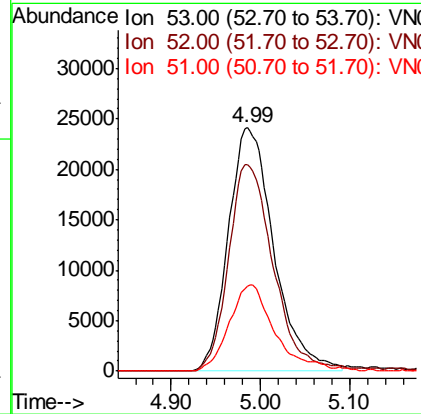
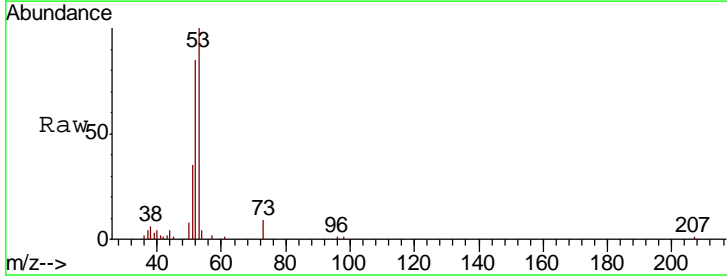
Manual Integrations  
 APPROVED

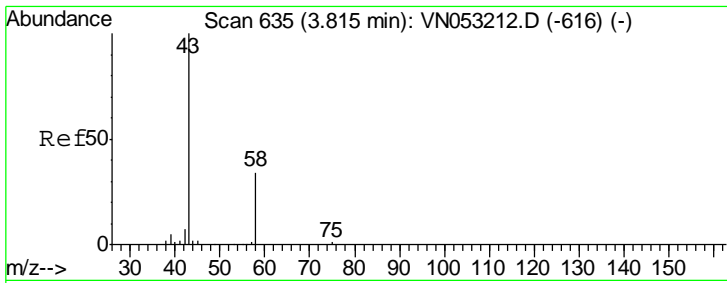
MMDadoda  
 1/2/2019 9:47:56 AM



#14  
 Acrylonitrile  
 Concen: 24.904 ug/l  
 RT: 4.99 min Scan# 999  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
53	100		
52	82.7	39.9	119.7
51	33.7	17.6	52.9



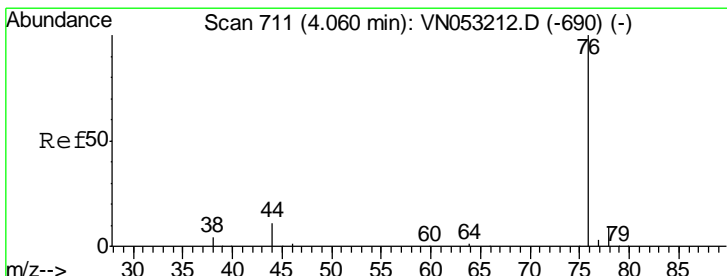
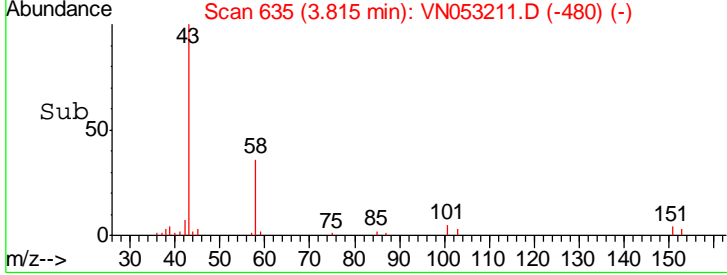
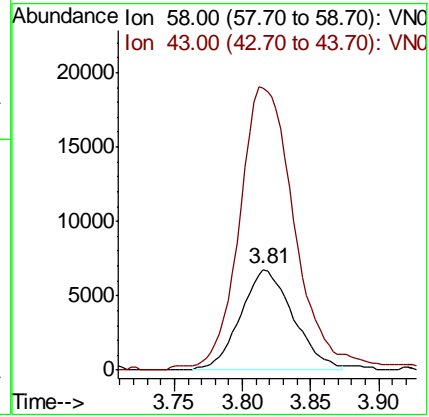
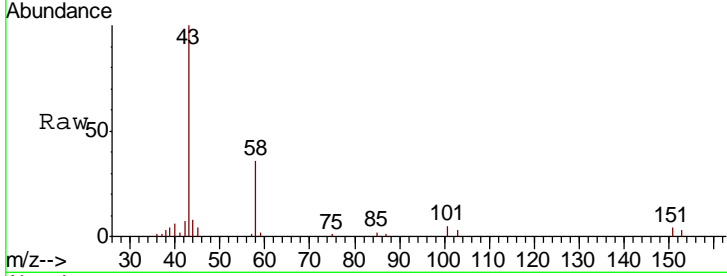


#15  
 Acetone  
 Concen: 20.468 ug/l  
 RT: 3.81 min Scan# 635  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC005

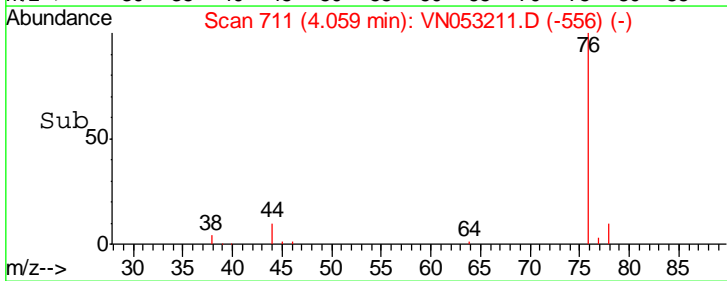
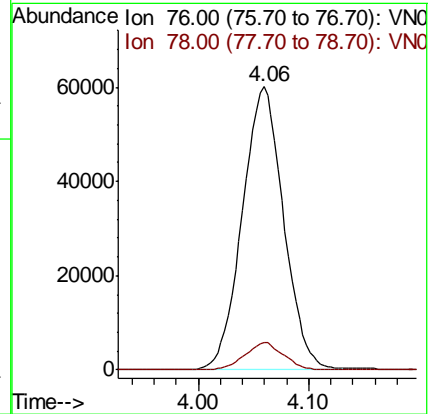
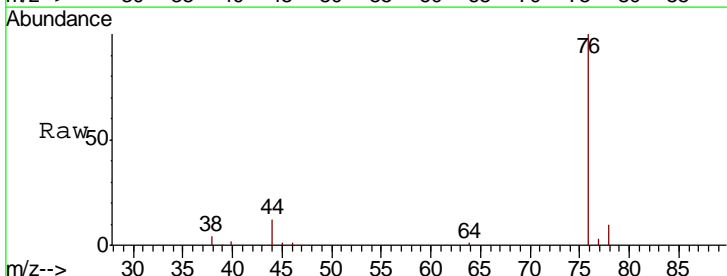
Tgt Ion	Resp	Lower	Upper
58	18176		
58	100		
43	275.3	243.6	365.4

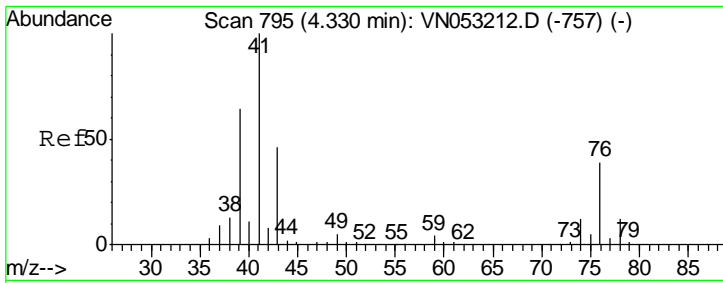
**Manual Integrations**  
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#16  
 Carbon Disulfide  
 Concen: 5.197 ug/l  
 RT: 4.06 min Scan# 711  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
76	155843		
76	100		
78	9.7	7.3	10.9





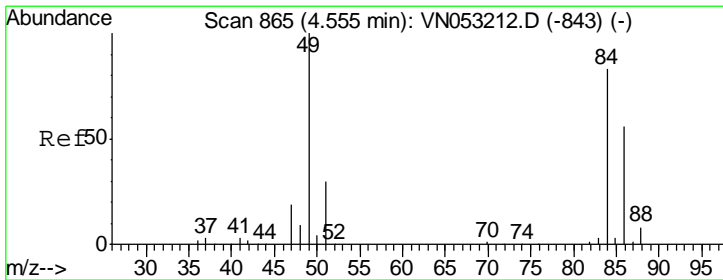
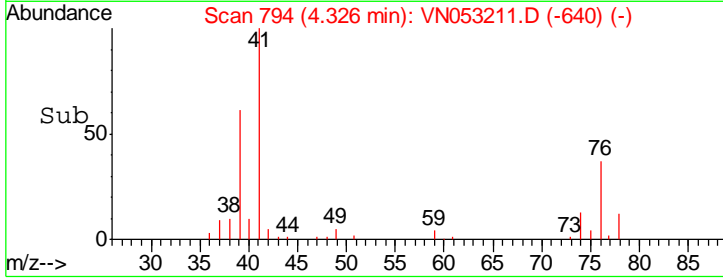
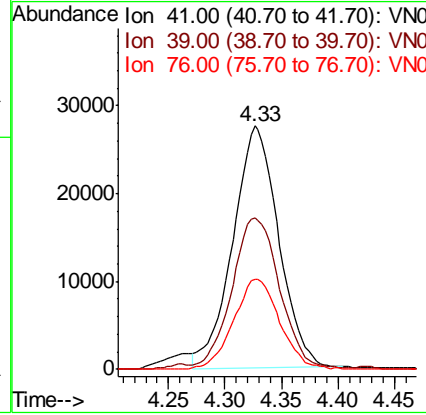
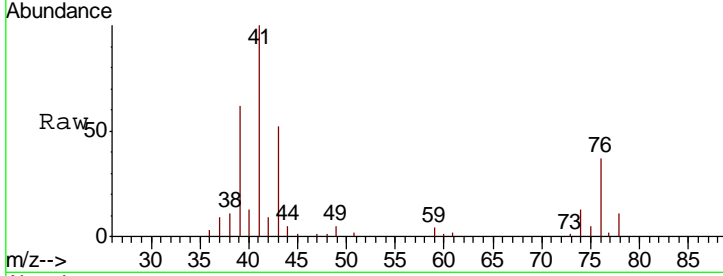
#17  
 Allyl chloride  
 Concen: 4.684 ug/l  
 RT: 4.33 min Scan# 794  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
41	100		
39	62.3	32.8	98.3
76	37.5	18.6	55.8

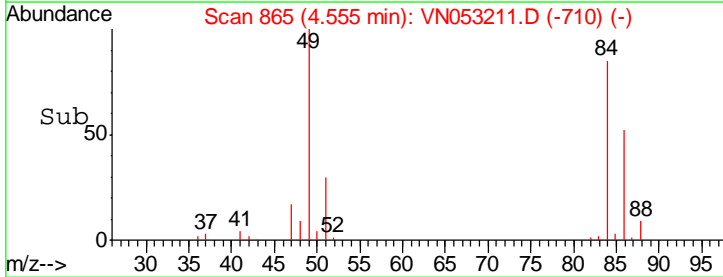
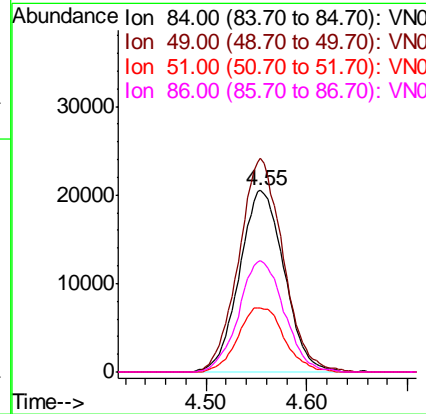
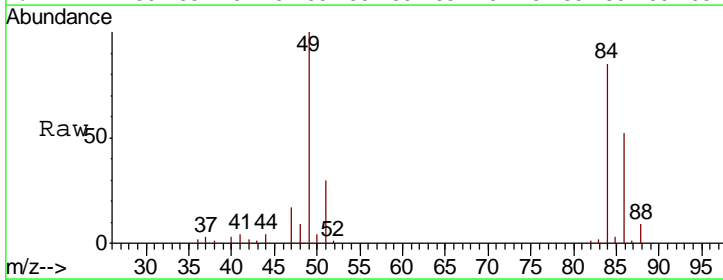
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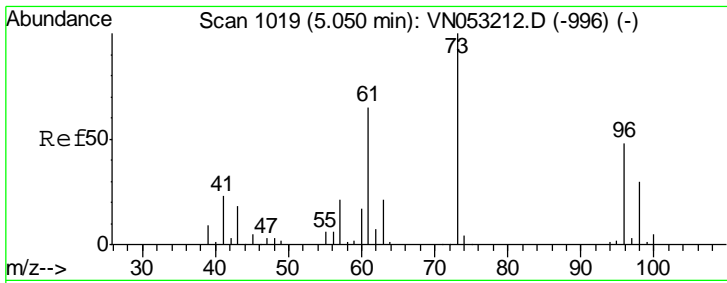
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#18  
 Methylene Chloride  
 Concen: 5.759 ug/l  
 RT: 4.55 min Scan# 865  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
84	100		
49	117.8	101.4	152.0
51	35.1	31.7	47.5
86	61.2	50.1	75.1





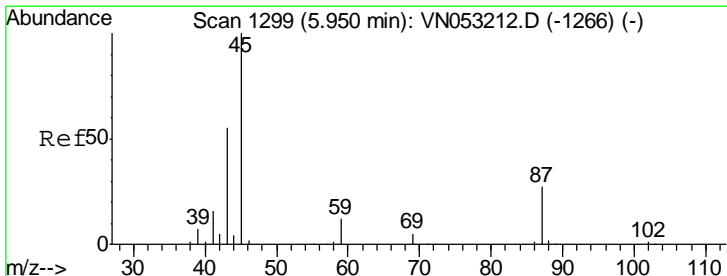
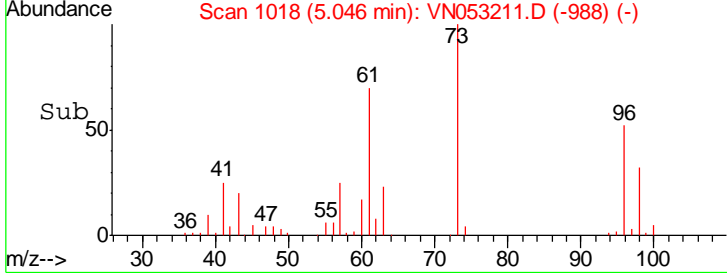
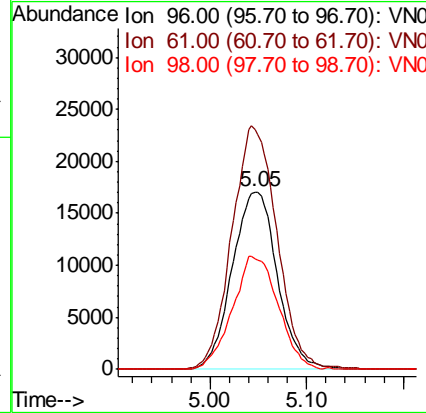
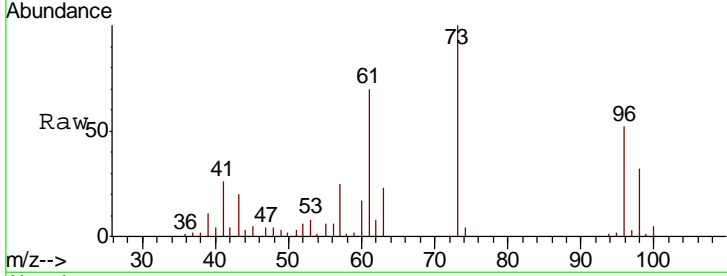
#19  
 trans-1,2-Dichloroethene  
 Concen: 5.424 ug/l  
 RT: 5.05 min Scan# 1018  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
96	55283		
96	100		
61	133.7	118.2	177.4
98	62.5	51.4	77.2

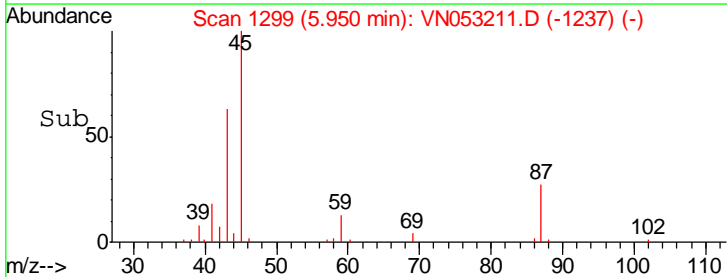
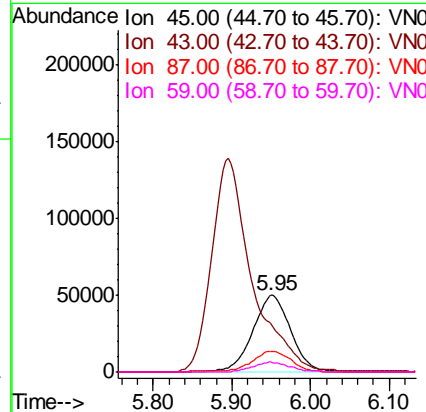
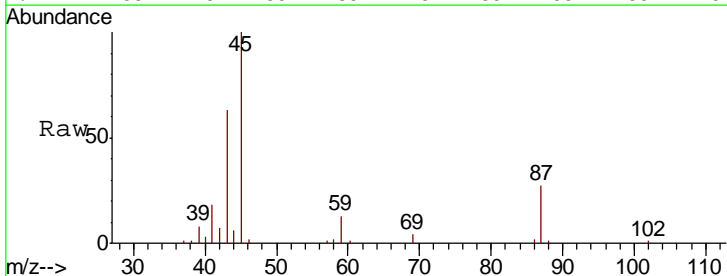
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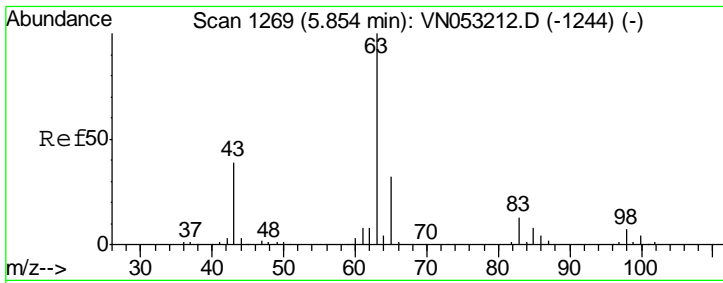
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#20  
 Diisopropyl ether  
 Concen: 4.880 ug/l  
 RT: 5.95 min Scan# 1299  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
45	169383		
45	100		
43	60.9	47.8	71.8
87	27.3	21.3	31.9
59	12.7	8.9	13.3





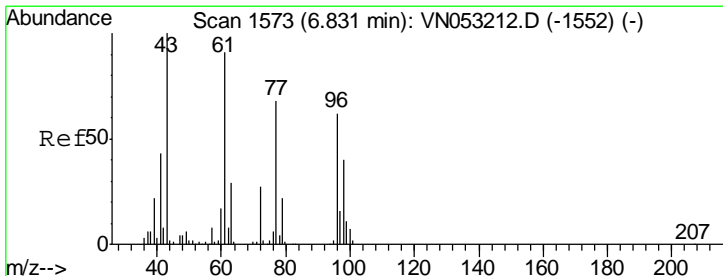
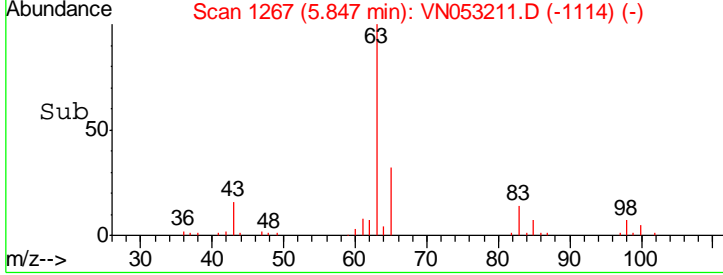
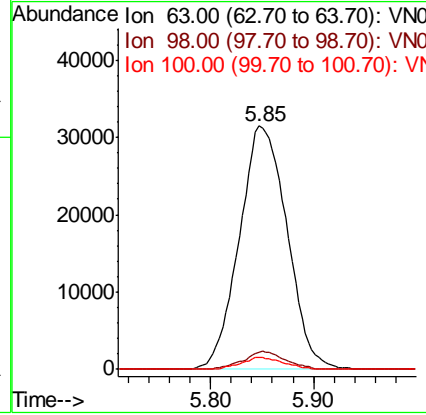
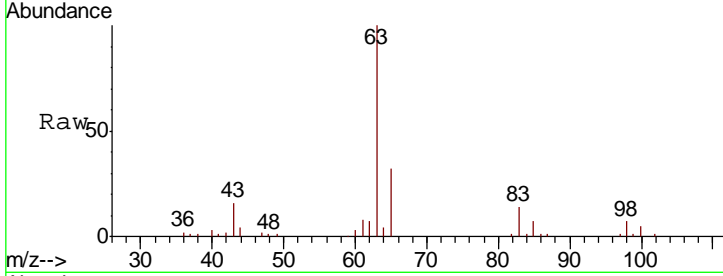
#21  
 1,1-Dichloroethane  
 Concen: 5.116 ug/l  
 RT: 5.85 min Scan# 1267  
 Delta R.T. -0.01 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.0	9.2
100	5.0	1.8	5.5

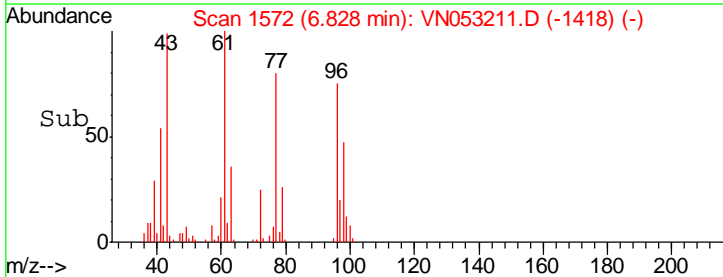
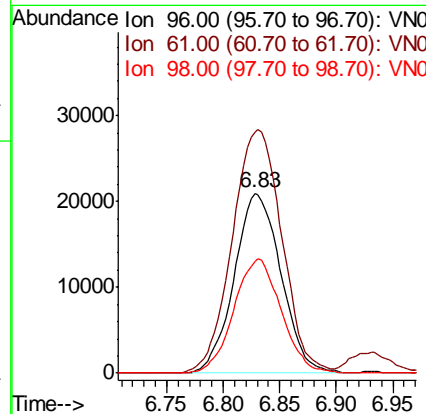
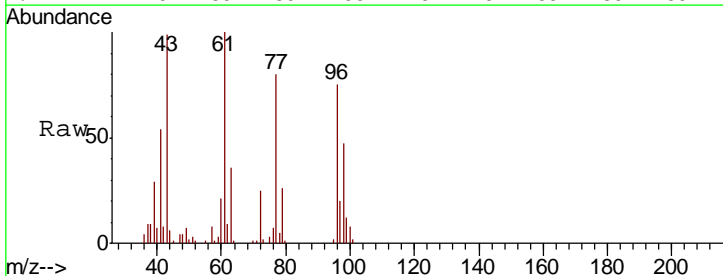
Manual Integrations  
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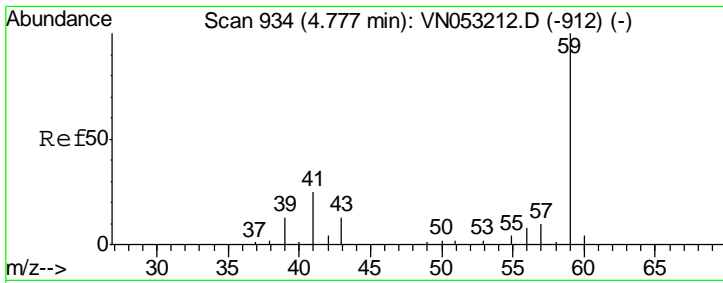
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#22  
 cis-1,2-Dichloroethene  
 Concen: 5.155 ug/l  
 RT: 6.83 min Scan# 1572  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.5	116.7	175.1
98	64.3	50.8	76.2





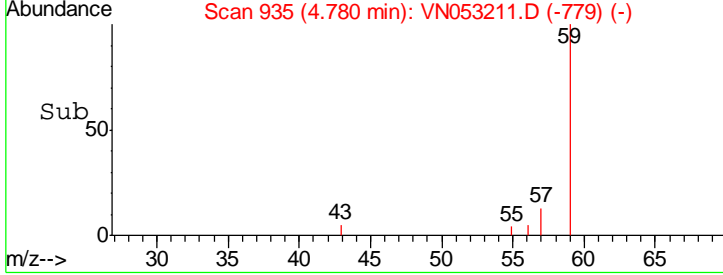
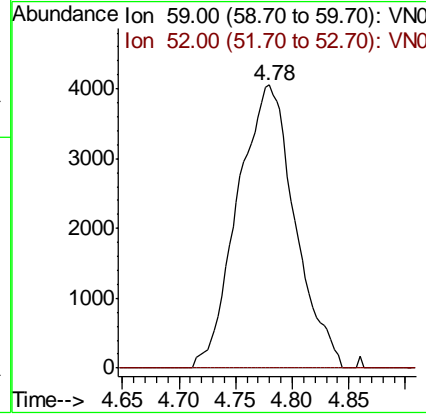
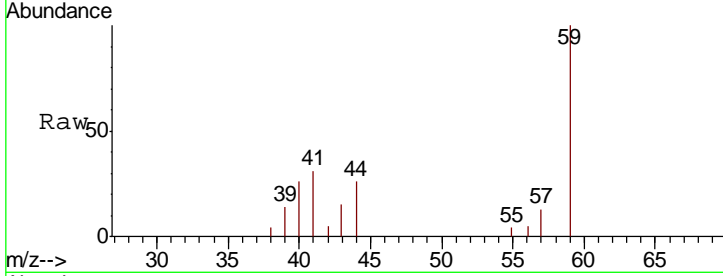
#23  
 tert-Butyl Alcohol  
 Concen: 27.972 ug/l  
 RT: 4.78 min Scan# 935  
 Delta R.T. 0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
59	100		
52	0.0	0.0	0.0

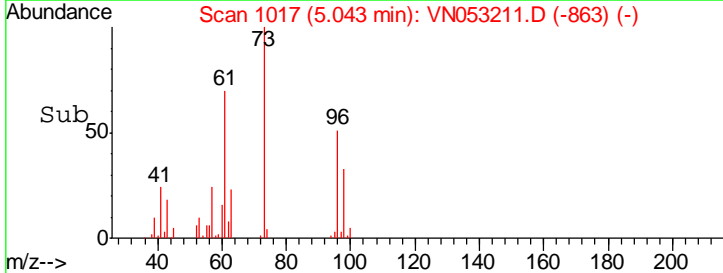
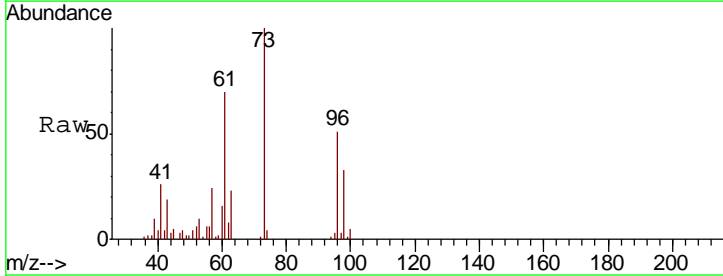
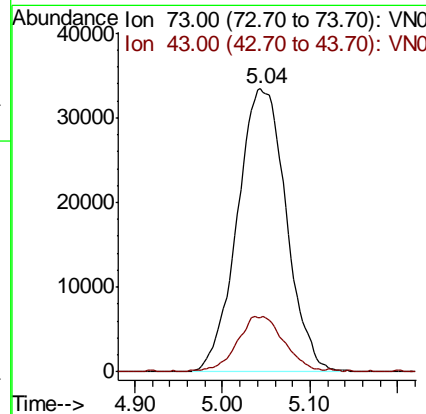
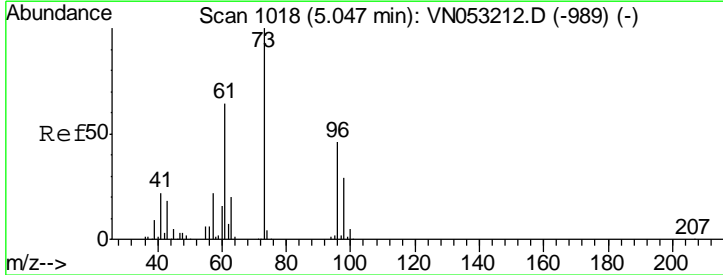
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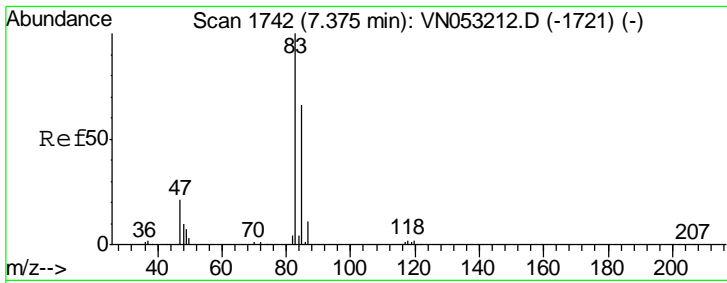


#24  
 Methyl tert-Butyl Ether  
 Concen: 5.209 ug/l  
 RT: 5.04 min Scan# 1017  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
73	100		
43	9.7	15.8	23.8#







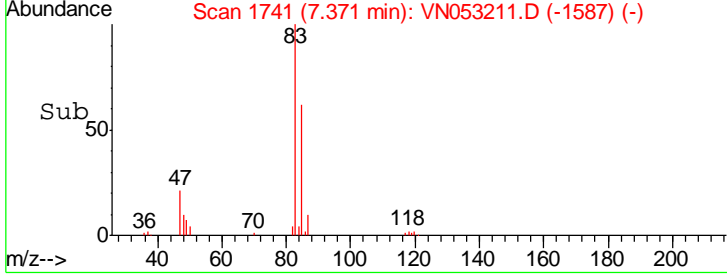
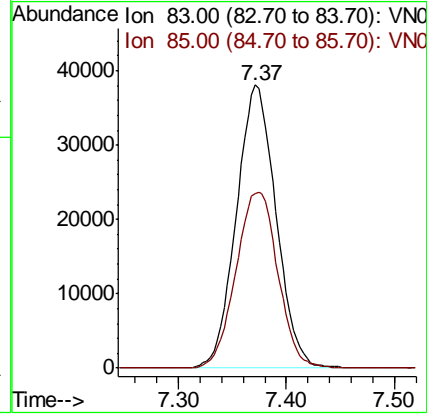
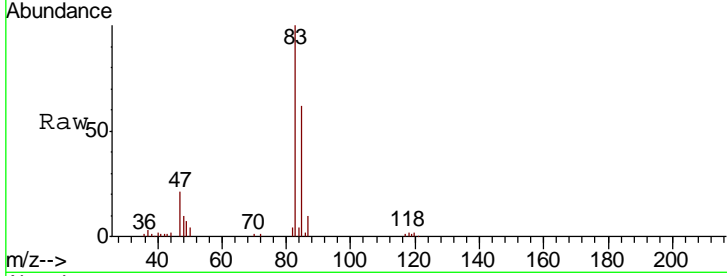
#25  
 Chloroform  
 Concen: 5.102 ug/l  
 RT: 7.37 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
83	97390		
85	61.7	51.7	77.5

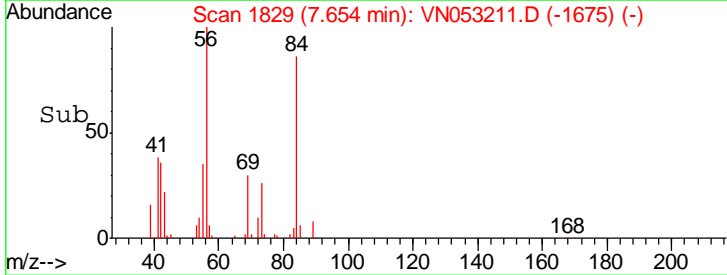
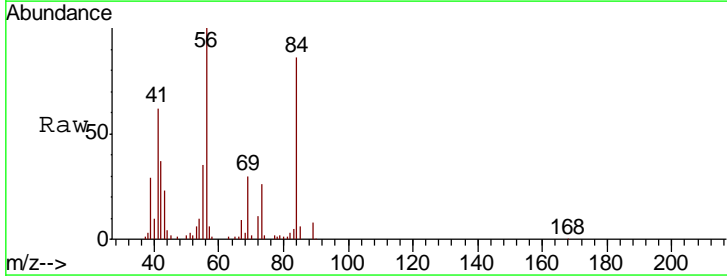
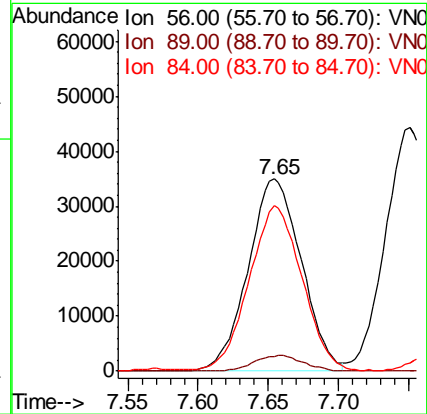
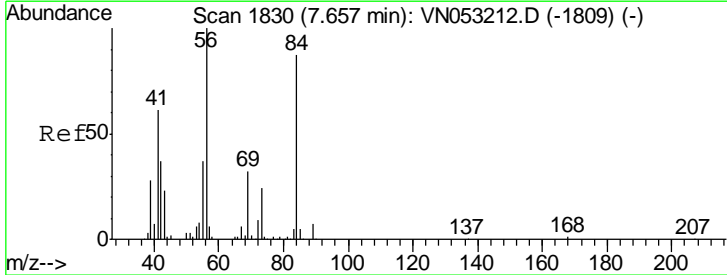
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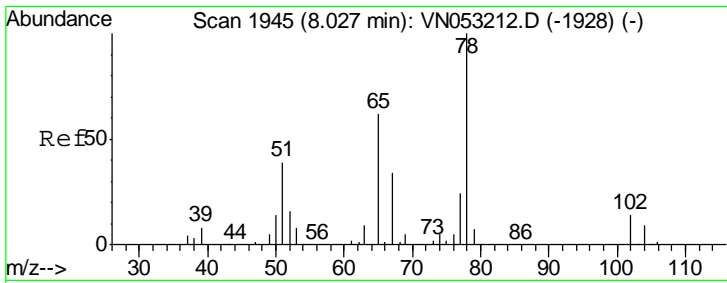
MMDadoda  
 1/2/2019 9:47:56 AM



#26  
 Cyclohexane  
 Concen: 4.942 ug/l  
 RT: 7.65 min Scan# 1829  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
56	92220		
89	7.4	0.5	0.7#
84	85.6	66.2	99.2



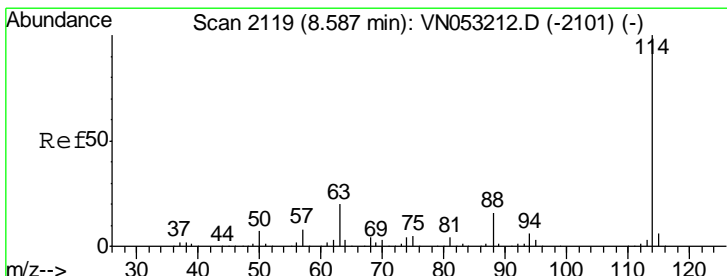
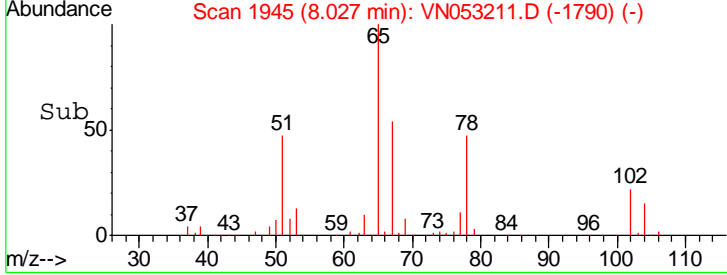
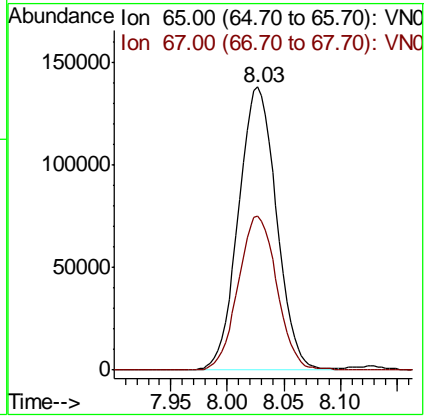
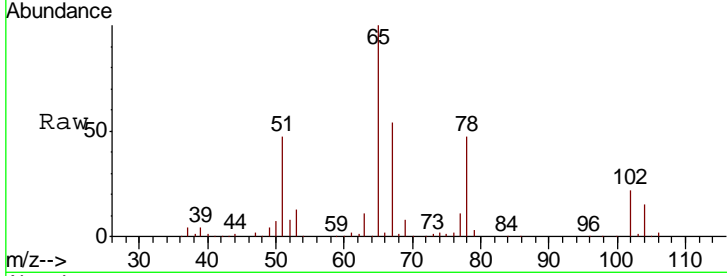


#27  
 1,2-Dichloroethane-d4  
 Concen: 4.942 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

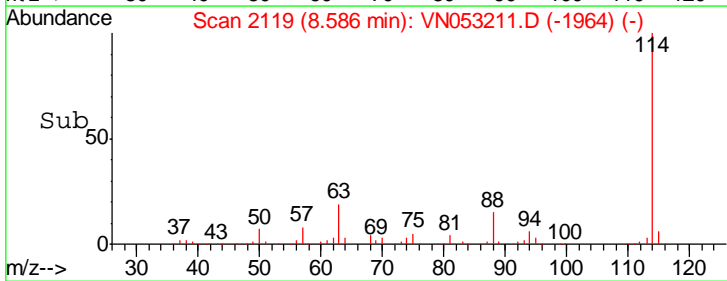
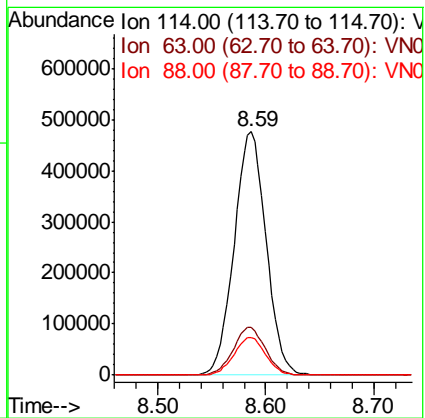
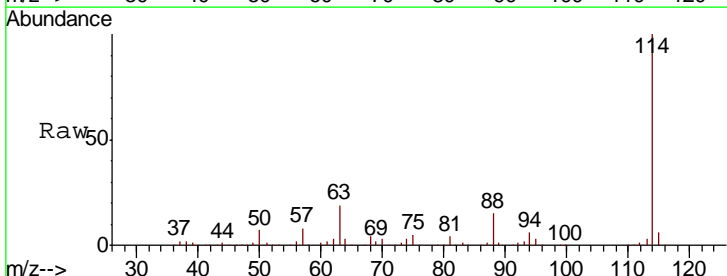
Tgt Ion: 65 Resp: 323832  
 Ion Ratio Lower Upper  
 65 100  
 67 55.1 44.6 66.8

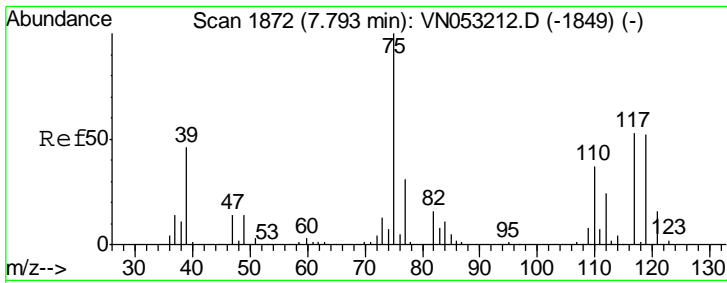
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#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion: 114 Resp: 982806  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 16.9 25.3  
 88 15.4 12.8 19.2





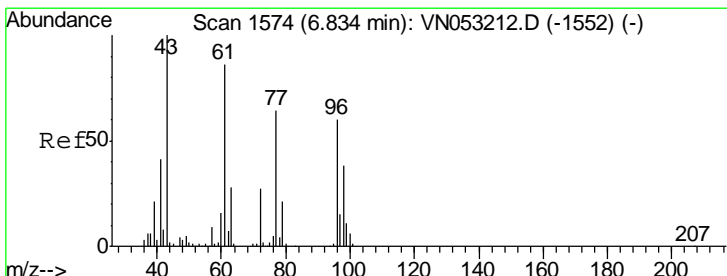
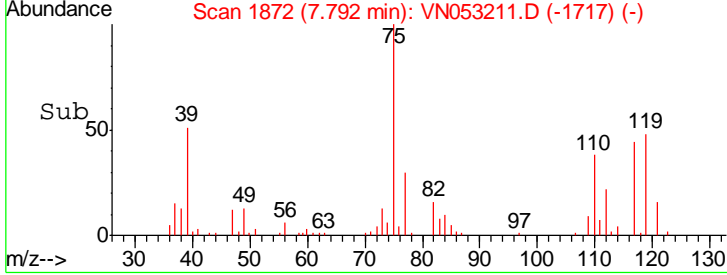
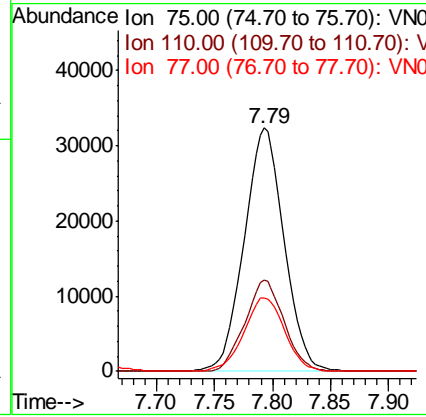
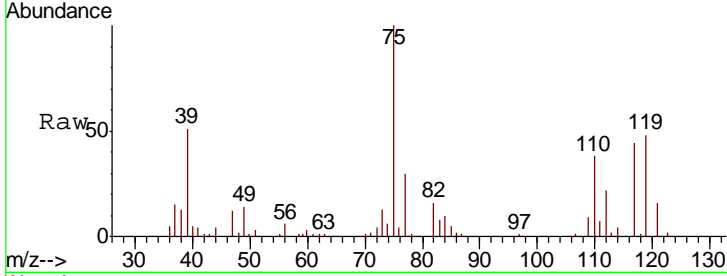
#29  
 1,1-Dichloropropene  
 Concen: 5.161 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion: 75 Resp: 77454

Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	70.2
77	30.7	0.0	62.6

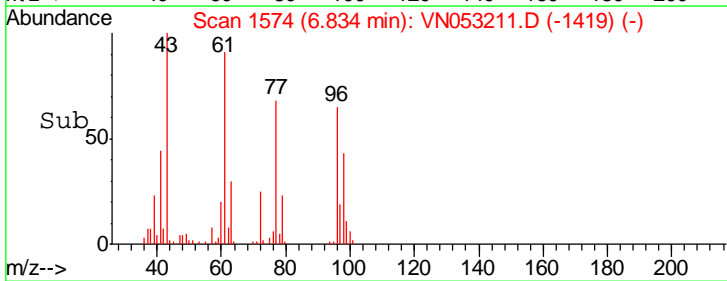
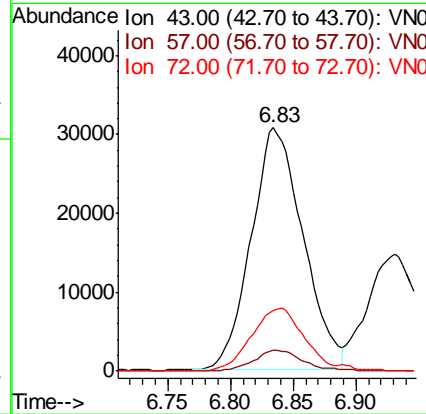
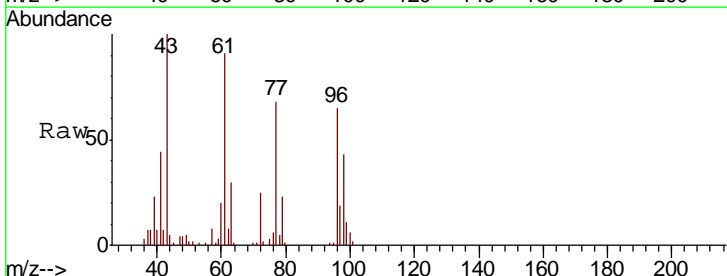
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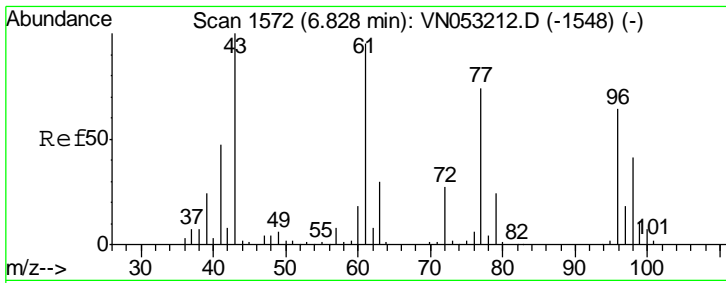


#30  
 2-Butanone  
 Concen: 22.076 ug/l  
 RT: 6.83 min Scan# 1574  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion: 43 Resp: 88658

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.4
72	26.0	21.0	31.6





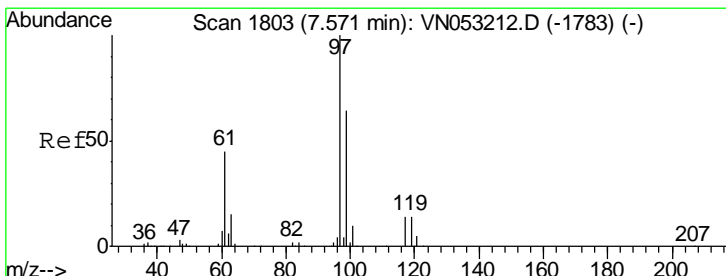
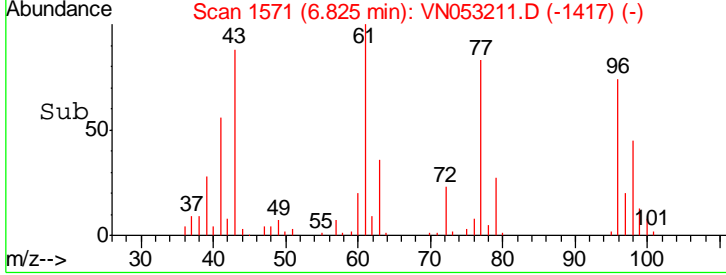
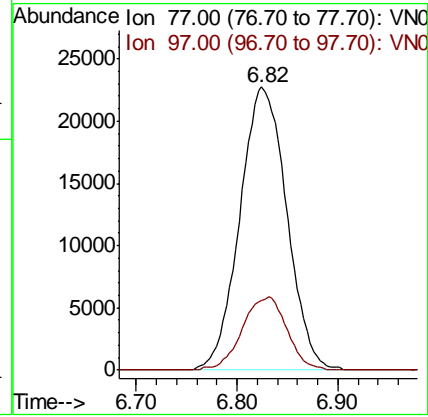
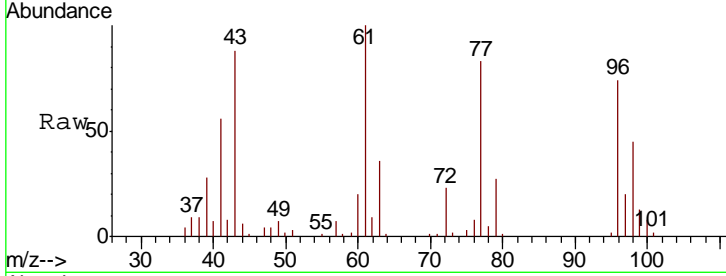
#31  
 2,2-Dichloropropane  
 Concen: 5.318 ug/l  
 RT: 6.82 min Scan# 1571  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion: 77 Resp: 73484

Ion	Ratio	Lower	Upper
77	100		
97	24.3	18.7	28.1

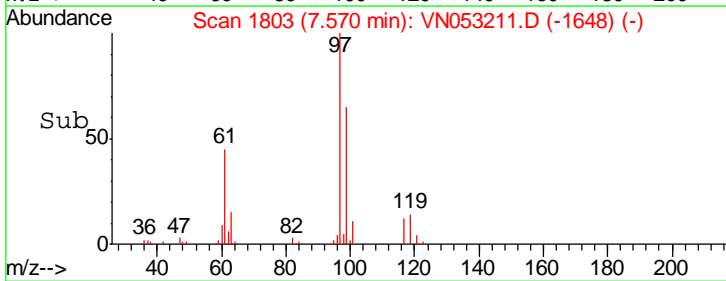
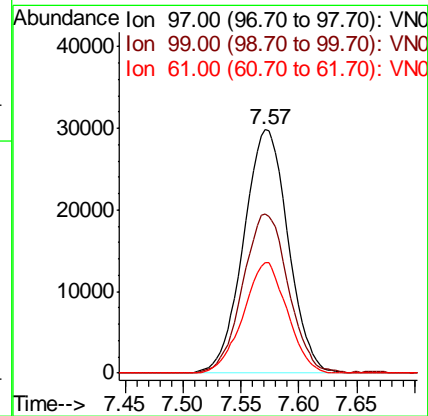
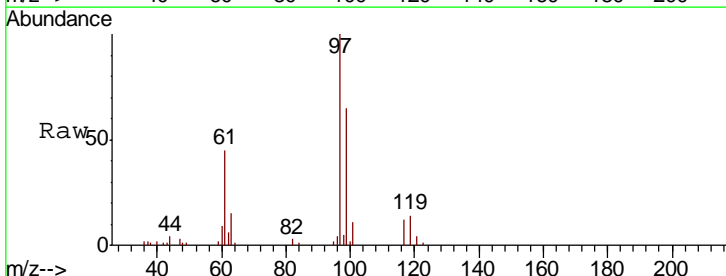
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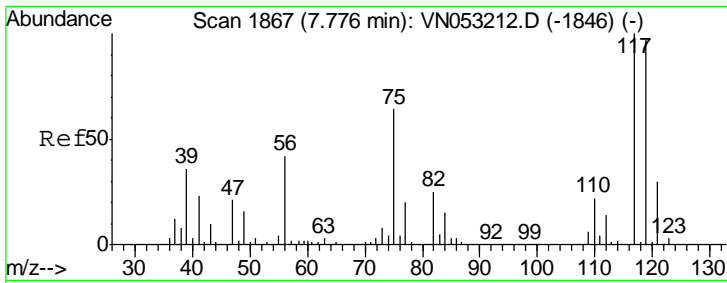


#32  
 1,1,1-Trichloroethane  
 Concen: 5.114 ug/l  
 RT: 7.57 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion: 97 Resp: 79868

Ion	Ratio	Lower	Upper
97	100		
99	66.7	50.9	76.3
61	44.8	38.1	57.1





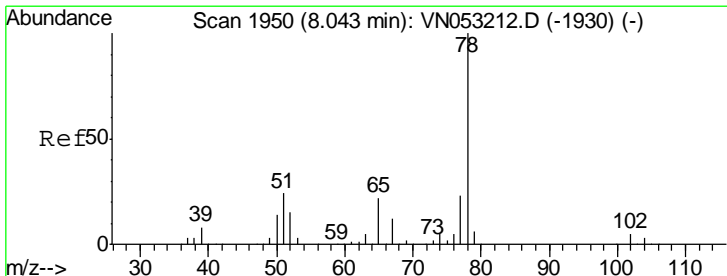
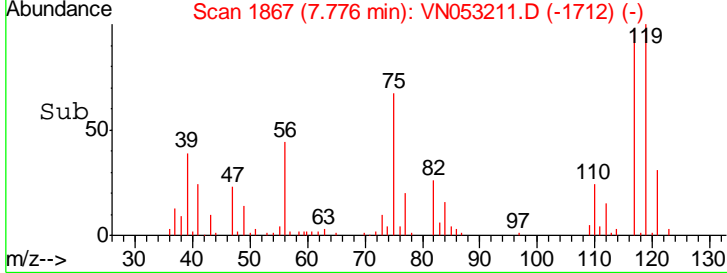
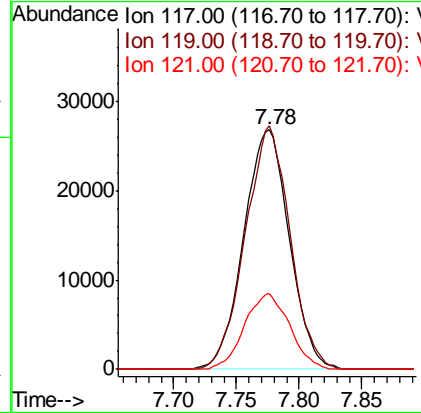
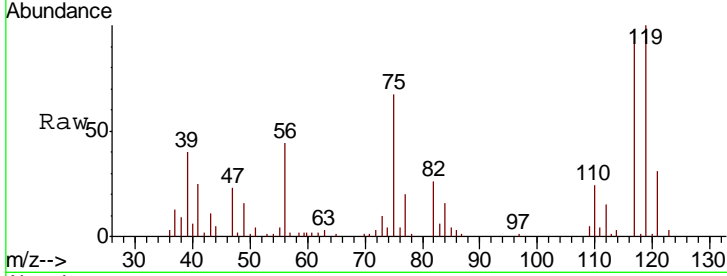
#33  
 Carbon Tetrachloride  
 Concen: 4.970 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC005

Tgt Ion	Resp	Lower	Upper
117	100		
119	101.8	77.3	115.9
121	31.5	24.9	37.3

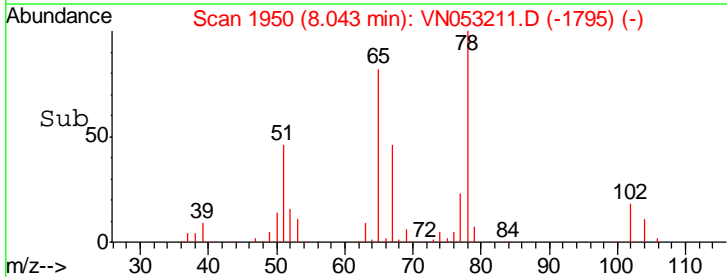
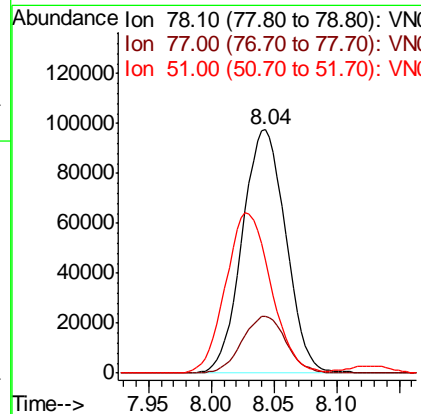
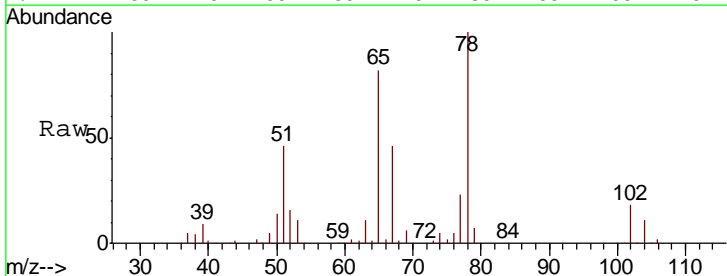
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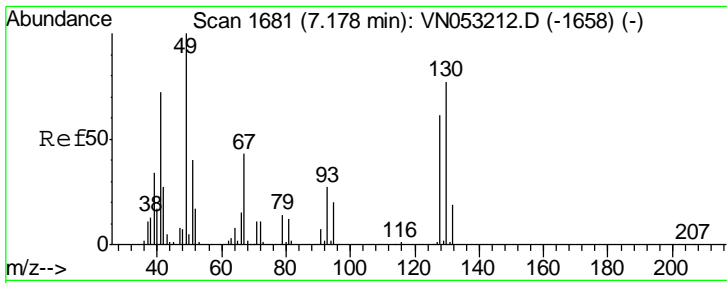
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#34  
 Benzene  
 Concen: 5.223 ug/l  
 RT: 8.04 min Scan# 1950  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

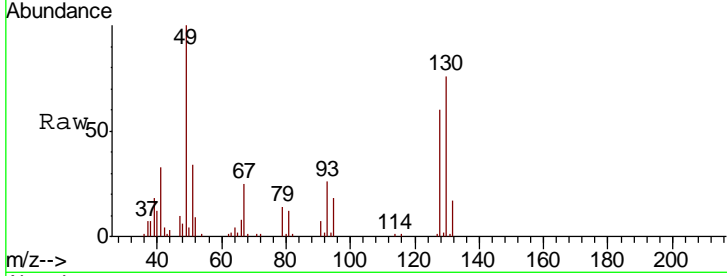
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.3	19.0	28.6
51	45.0	20.5	30.7#





#35  
 Methacrylonitrile  
 Concen: 4.874 ug/l  
 RT: 7.17 min Scan# 1678  
 Delta R.T. -0.01 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

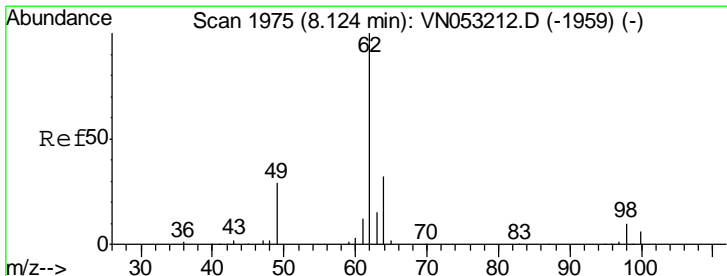
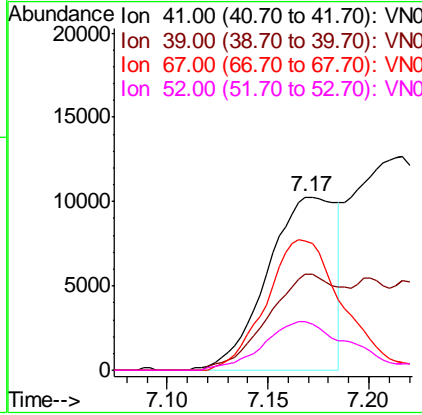
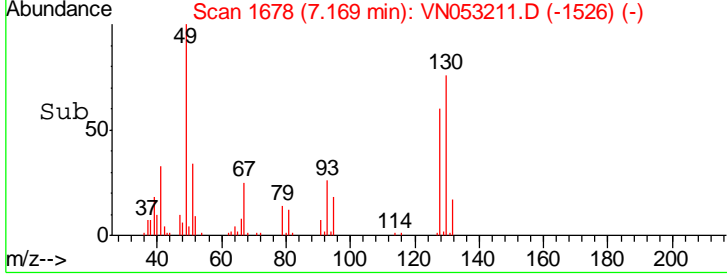
Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005



Tgt Ion: 41 Resp: 24285

Ion	Ratio	Lower	Upper
41	100		
39	55.6	26.6	79.7
67	74.9	32.3	96.9
52	28.1	13.0	38.9

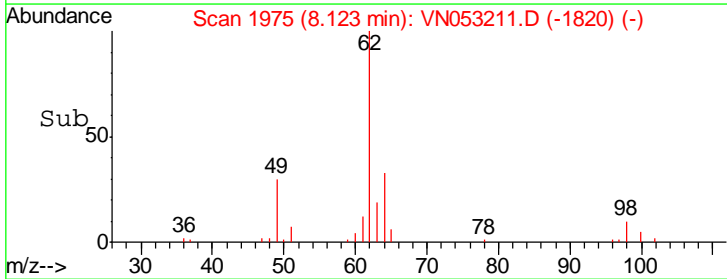
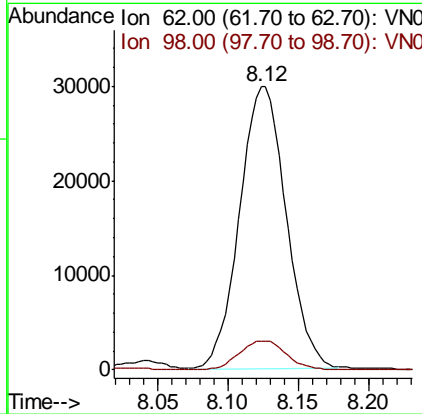
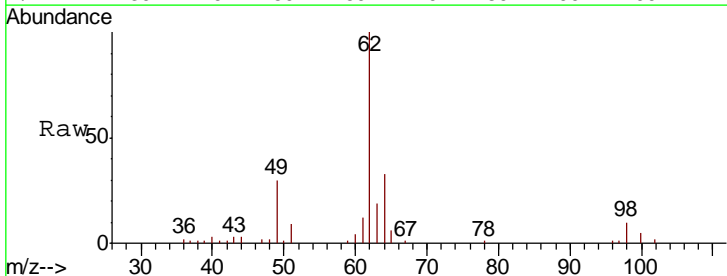
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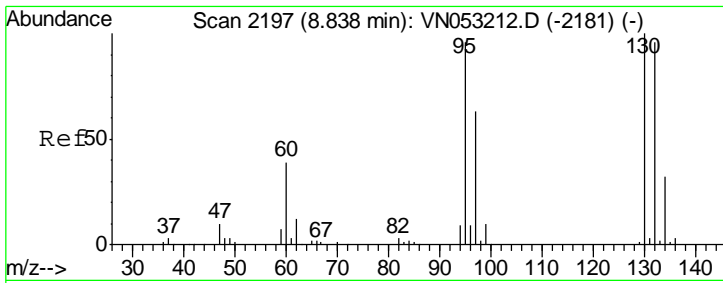


#36  
 1,2-Dichloroethane  
 Concen: 5.022 ug/l  
 RT: 8.12 min Scan# 1975  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion: 62 Resp: 68670

Ion	Ratio	Lower	Upper
62	100		
98	10.4	7.4	11.2





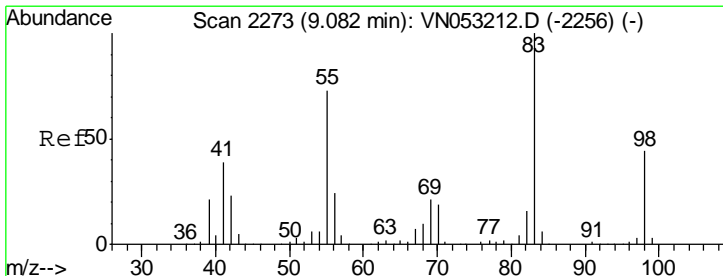
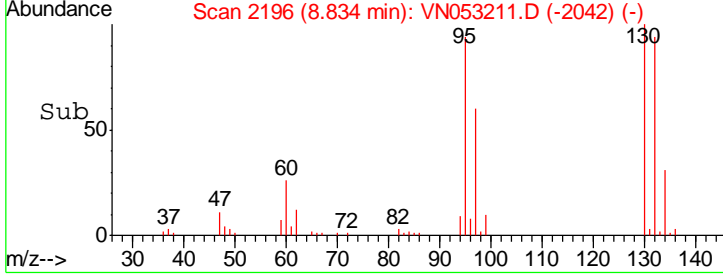
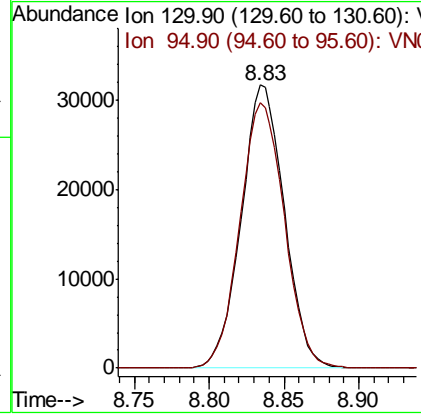
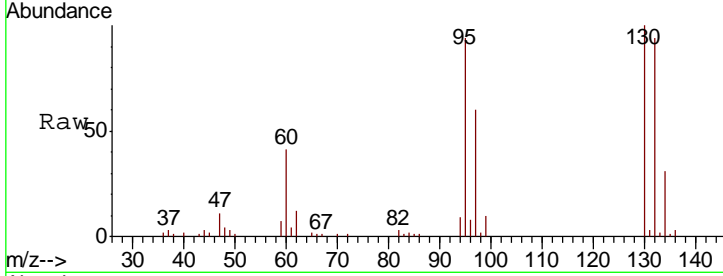
#37  
 Trichloroethene  
 Concen: 5.546 ug/l  
 RT: 8.83 min Scan# 2196  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
130	100		
95	93.8	81.0	121.4

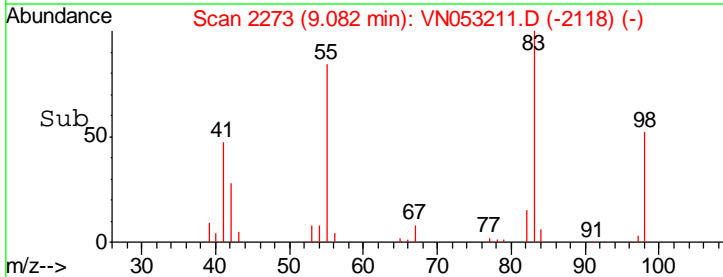
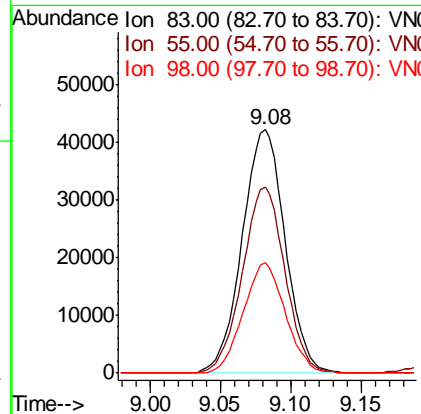
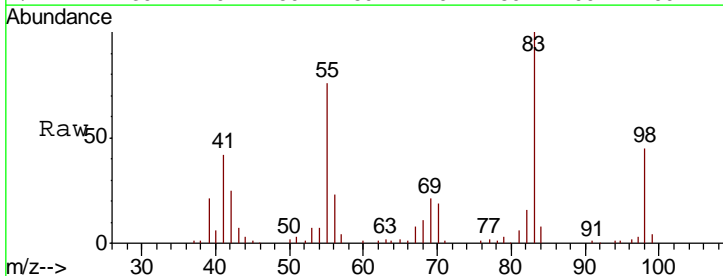
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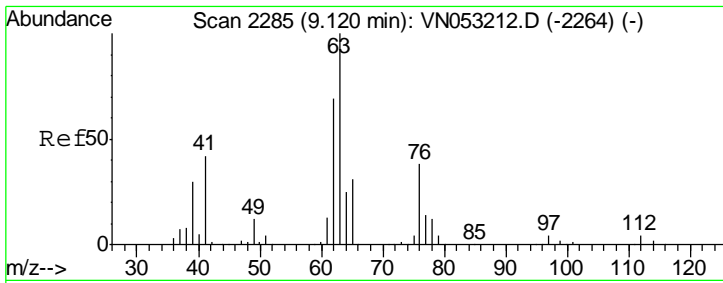
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#38  
 Methylcyclohexane  
 Concen: 4.851 ug/l  
 RT: 9.08 min Scan# 2273  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
83	100		
55	75.3	39.8	119.4
98	44.2	22.9	68.5





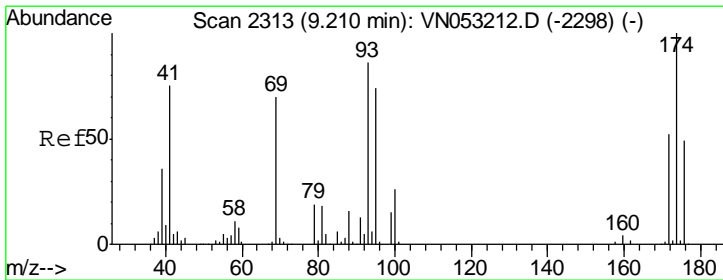
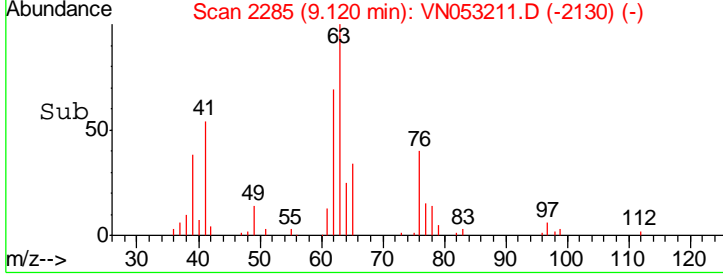
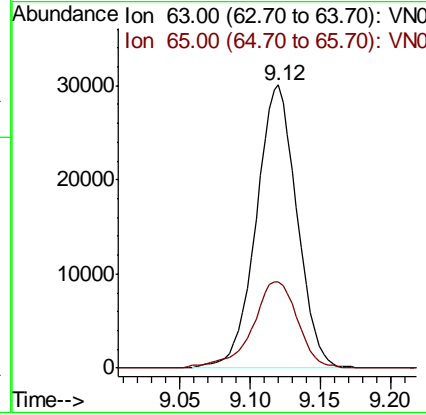
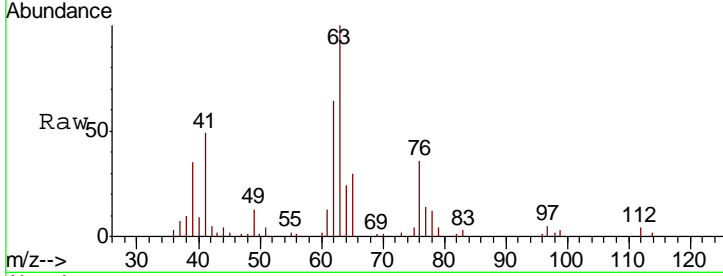
#39  
 1,2-Dichloropropane  
 Concen: 5.007 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
63	100		
65	30.5	23.6	35.4

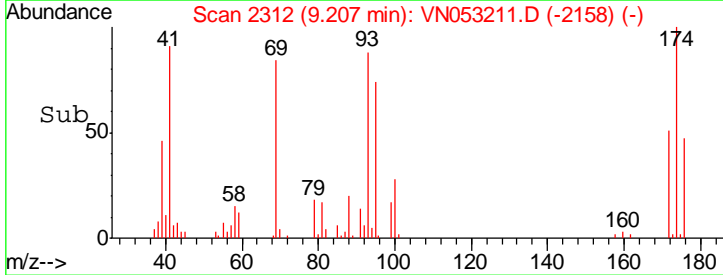
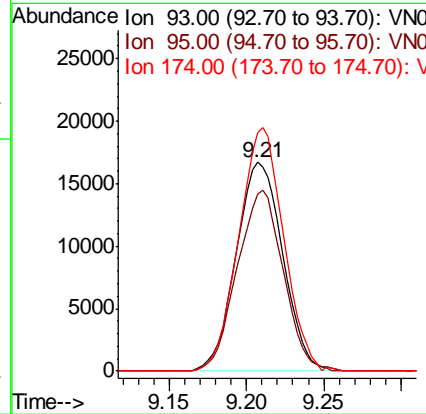
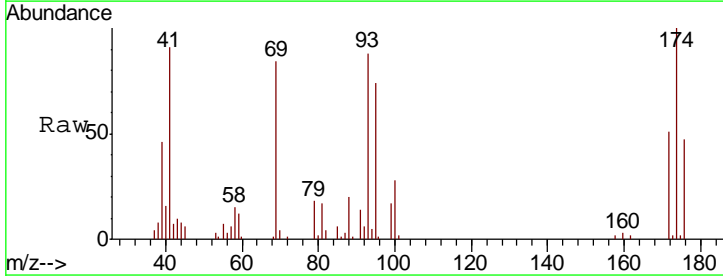
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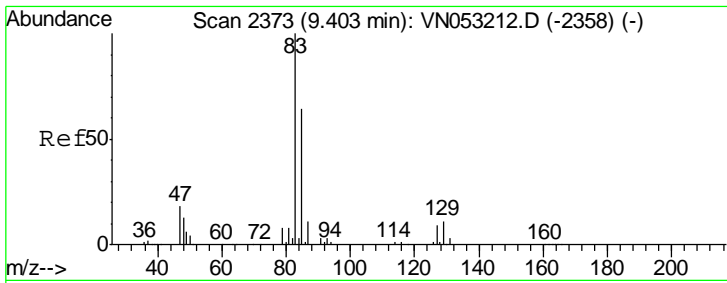


#40  
 Dibromomethane  
 Concen: 5.346 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
93	100		
95	85.3	0.0	168.4
174	112.0	0.0	210.0





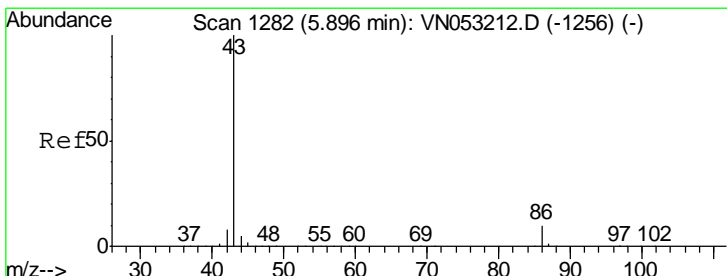
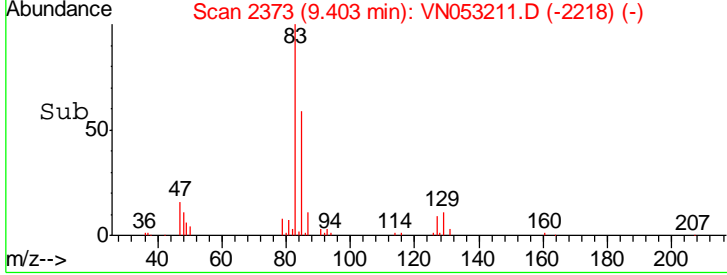
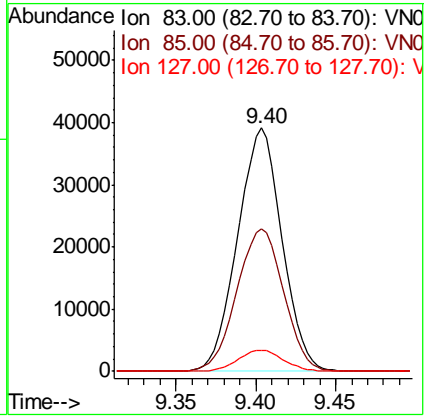
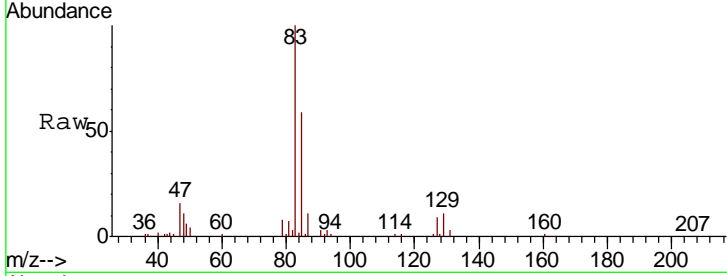


#41  
 Bromodichloromethane  
 Concen: 5.136 ug/l  
 RT: 9.40 min Scan# 2373  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

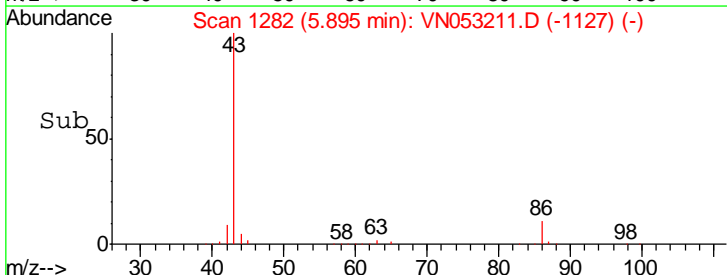
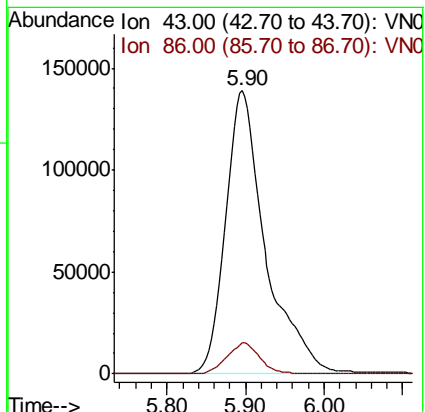
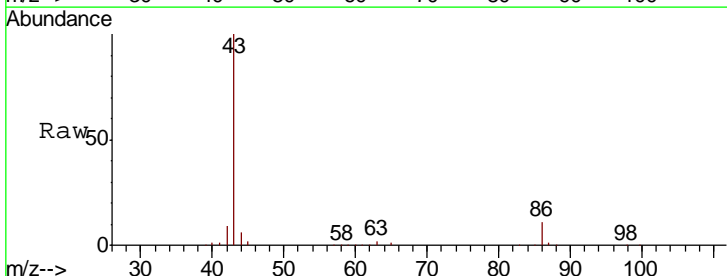
Tgt Ion	Resp	Lower	Upper
83	100		
85	58.8	52.4	78.6
127	8.7	6.6	9.8

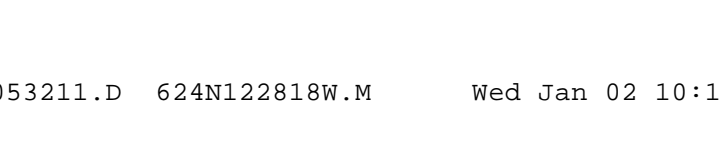
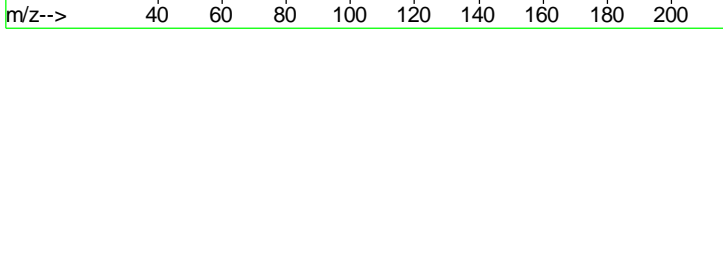
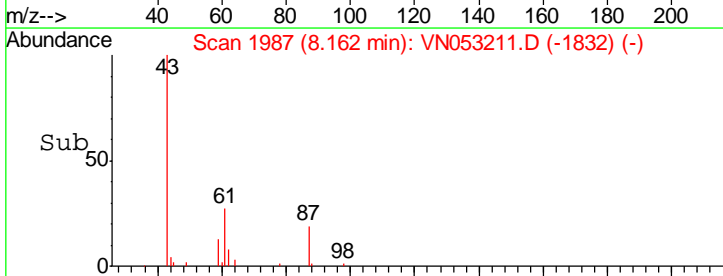
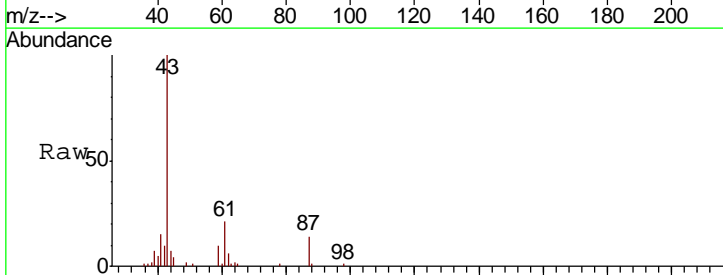
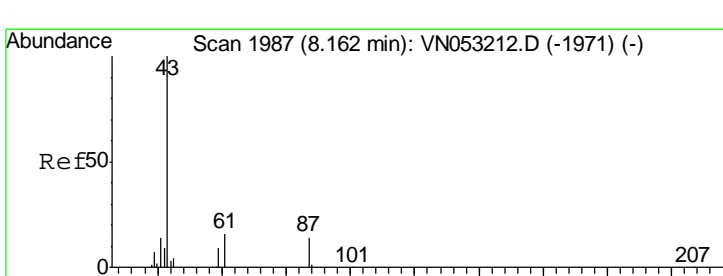
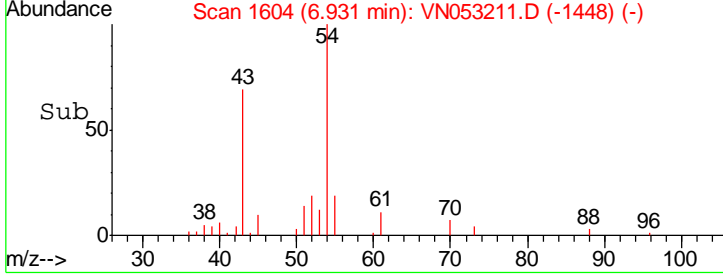
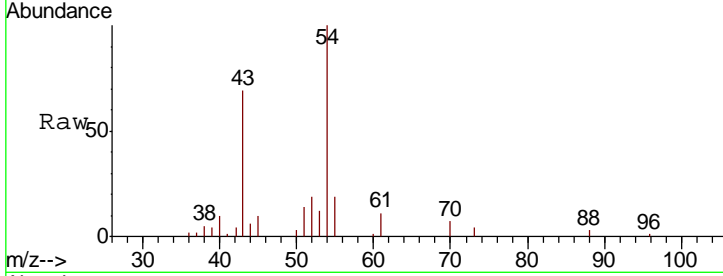
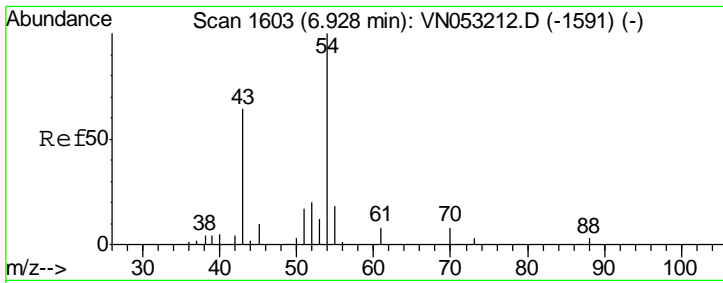
Manual Integrations  
**APPROVED**  
 MMDadoda  
 1/2/2019 9:47:56 AM



#42  
 Vinyl Acetate  
 Concen: 22.445 ug/l  
 RT: 5.90 min Scan# 1282  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
43	100		
86	9.1	6.5	9.7



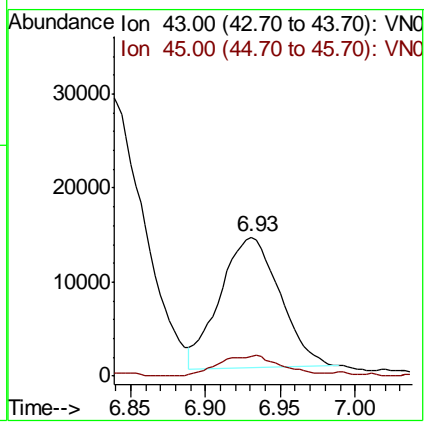


#43  
Ethyl Acetate  
Concen: 4.540 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN053211.D  
Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
43	100		
45	16.4	1.0	1.6#

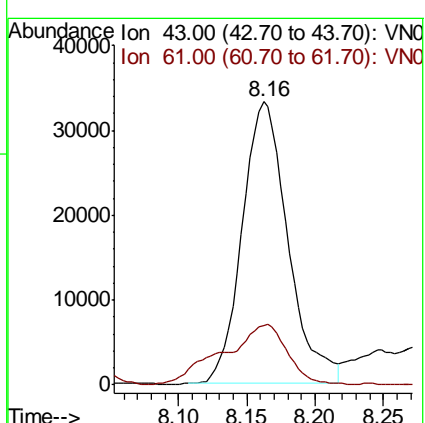
Instrument : MSVOA\_N  
ClientSampled : VSTDIC005

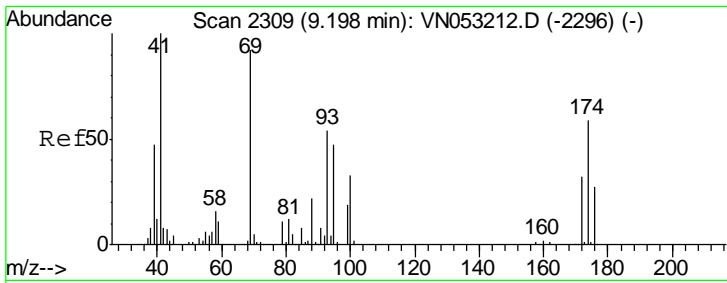
Manual Integrations APPROVED  
MMDadoda  
1/2/2019 9:47:56 AM



#44  
Isopropyl Acetate  
Concen: 5.171 ug/l  
RT: 8.16 min Scan# 1987  
Delta R.T. -0.00 min  
Lab File: VN053211.D  
Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
43	100		
61	19.5	16.0	24.0





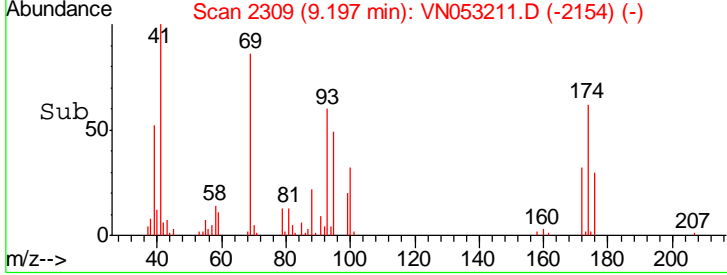
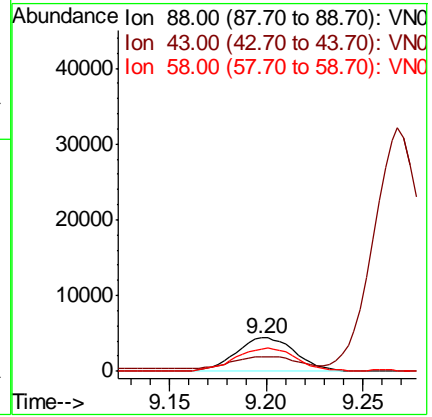
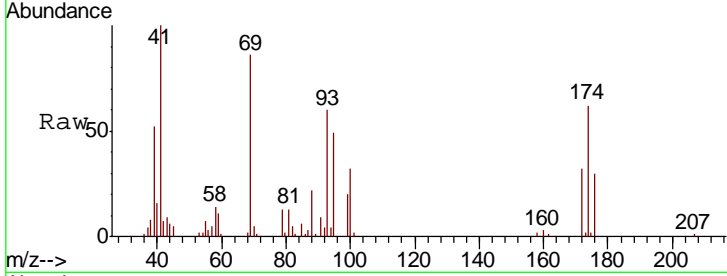
#45  
 1,4-Dioxane  
 Concen: 115.033 ug/l  
 RT: 9.20 min Scan# 2309  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
88	9425		
88	100		
43	38.4	29.5	44.3
58	71.2	61.5	92.3

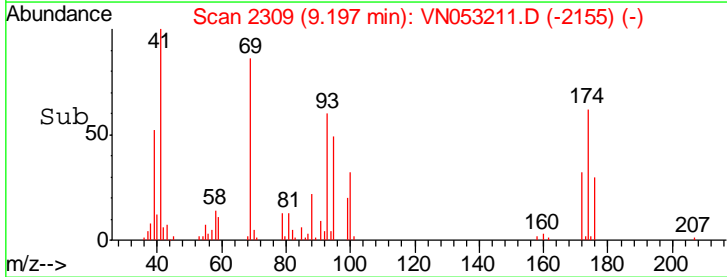
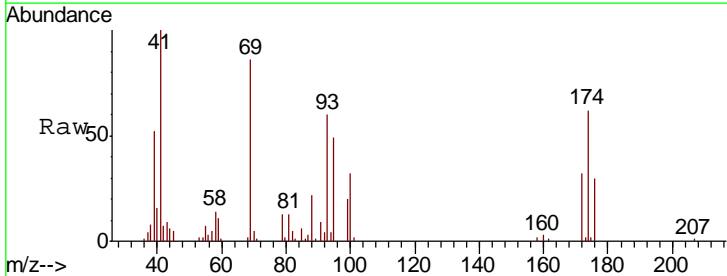
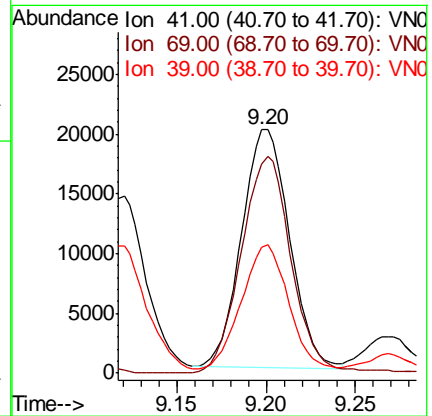
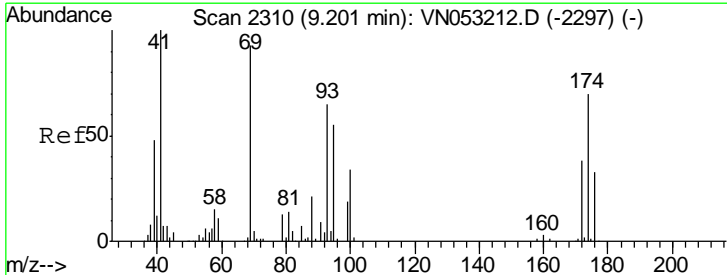
Manual Integrations  
 APPROVED

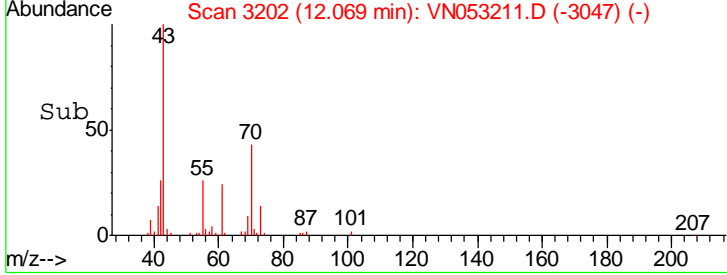
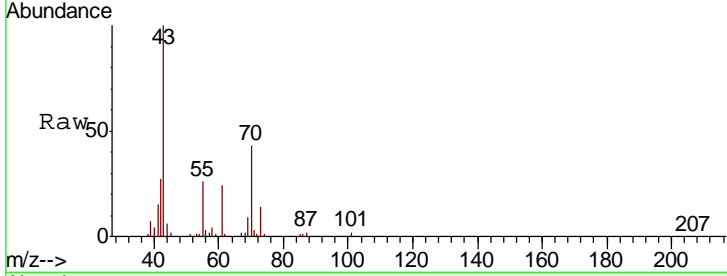
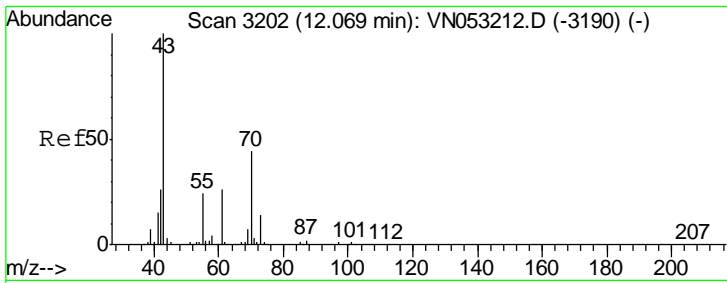
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 1/2/2019 9:47:56 AM



#46  
 Methyl methacrylate  
 Concen: 4.807 ug/l  
 RT: 9.20 min Scan# 2309  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
41	37377		
41	100		
69	88.3	42.5	127.6
39	51.6	26.3	78.9



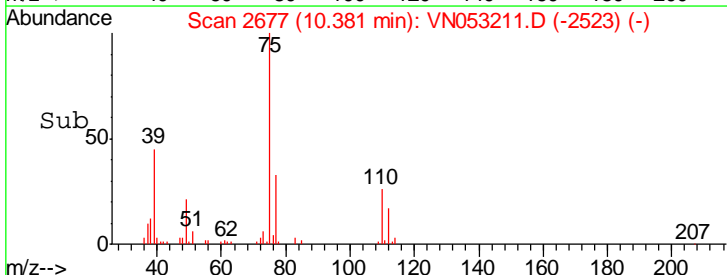
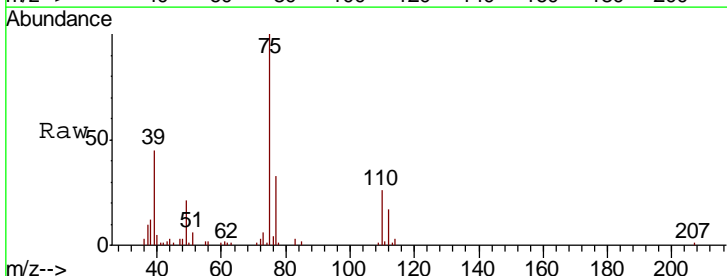
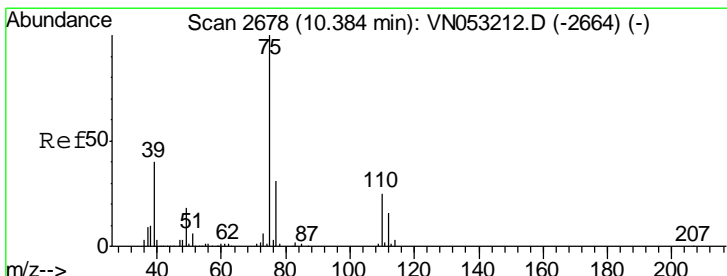
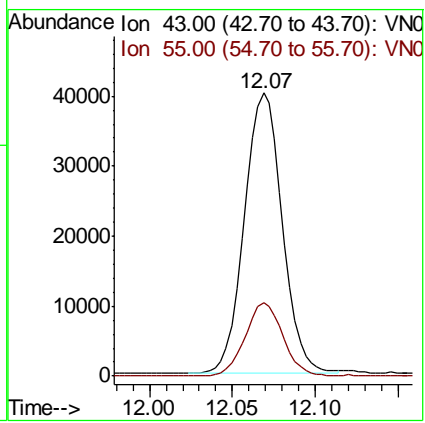


#47  
 n-amyl Acetate  
 Concen: 5.146 ug/l  
 RT: 12.07 min Scan# 3202  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
43	63906		
55	26.0	21.1	31.7

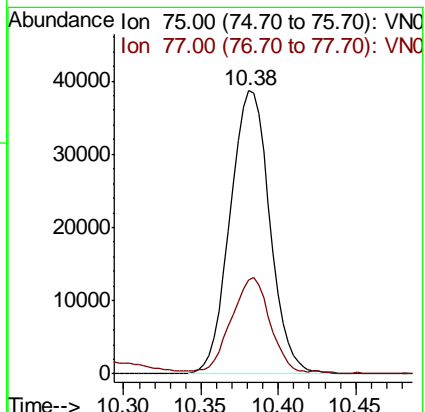
Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

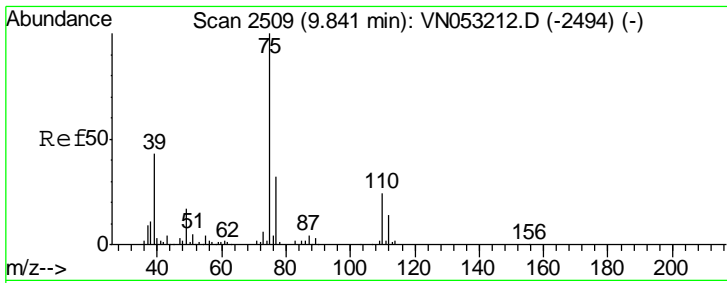
Manual Integrations  
**APPROVED**  
 MMDadoda  
 1/2/2019 9:47:56 AM



#48  
 t-1,3-Dichloropropene  
 Concen: 4.932 ug/l  
 RT: 10.38 min Scan# 2677  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
75	69065		
77	33.2	25.6	38.4





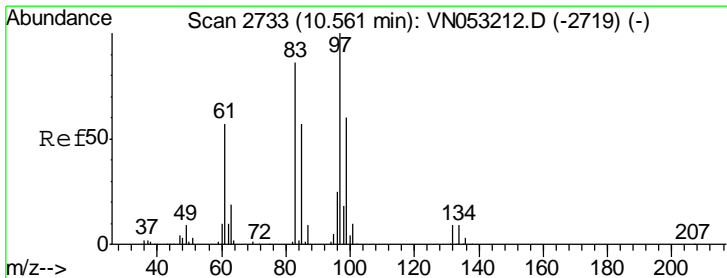
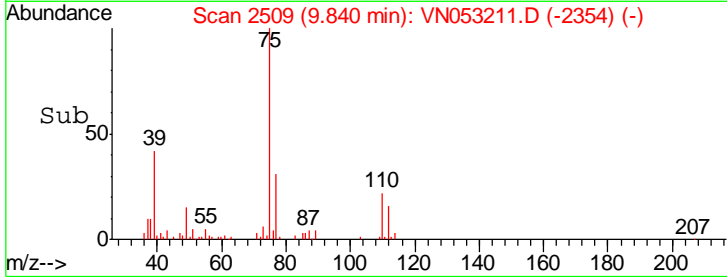
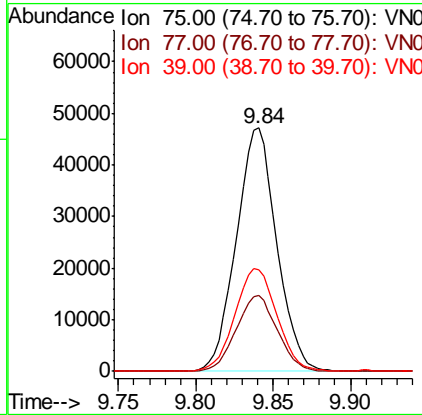
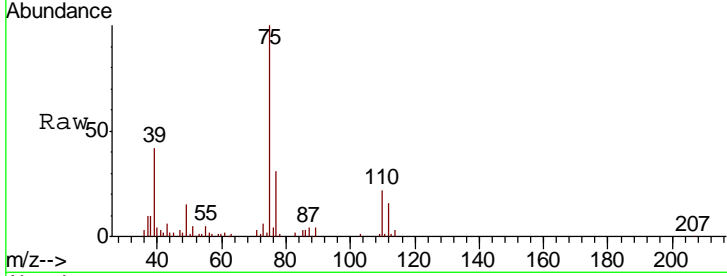
#49  
 cis-1,3-Dichloropropene  
 Concen: 5.025 ug/l  
 RT: 9.84 min Scan# 2509  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
75	100		
77	31.2	25.4	38.0
39	41.7	37.3	55.9

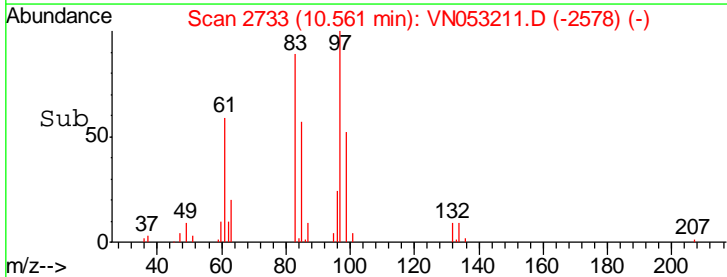
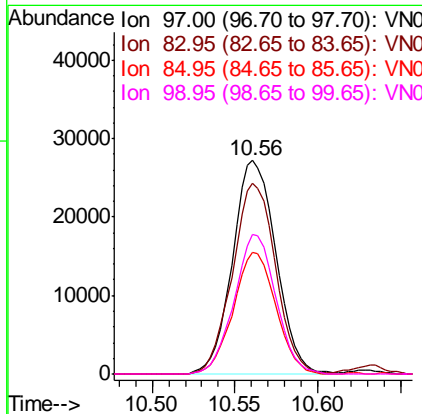
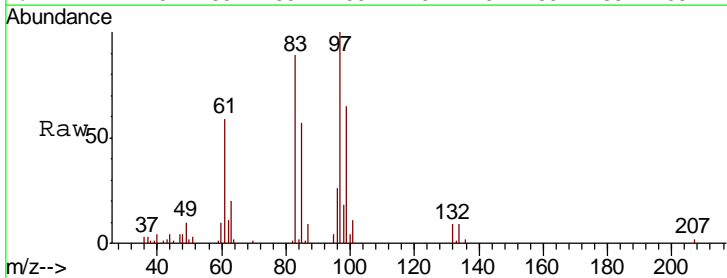
Manual Integrations  
 APPROVED

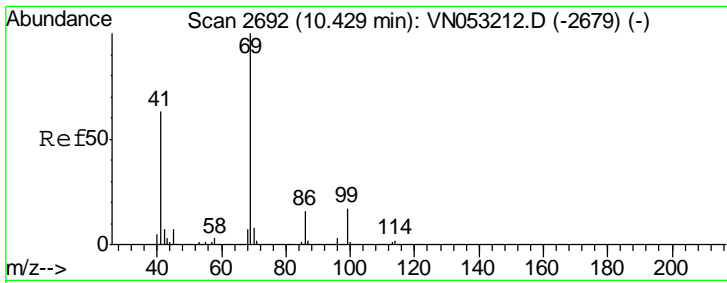
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 1/2/2019 9:47:56 AM



#50  
 1,1,2-Trichloroethane  
 Concen: 5.361 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
97	100		
83	89.1	70.4	105.6
85	56.8	45.0	67.6
99	65.1	50.2	75.2





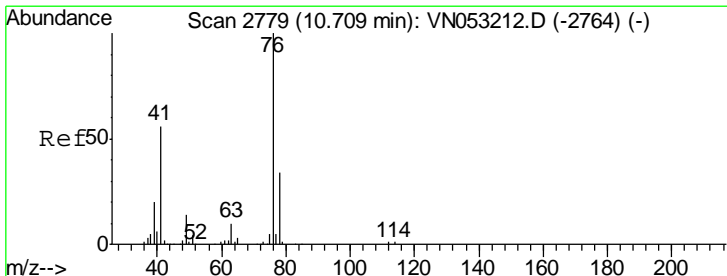
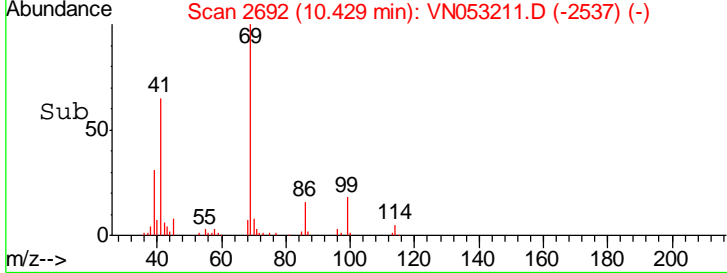
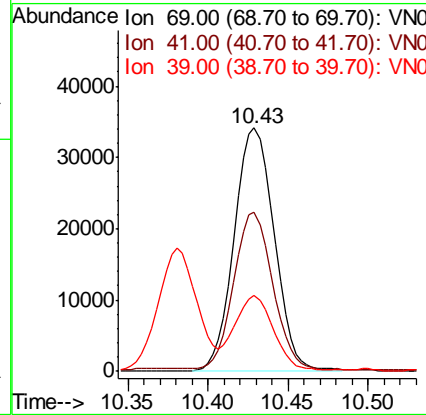
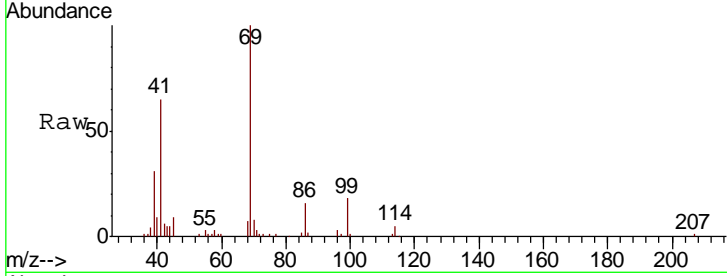
#51  
 Ethyl methacrylate  
 Concen: 5.024 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
69	100		
41	64.3	34.4	103.3
39	30.4	16.4	49.2

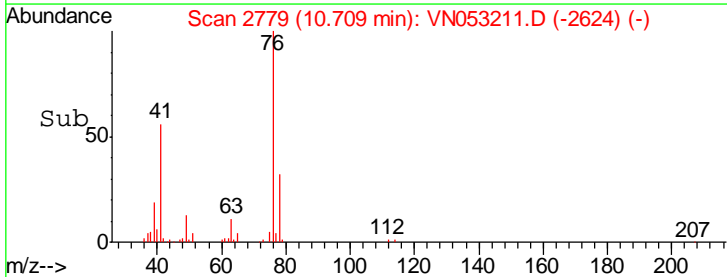
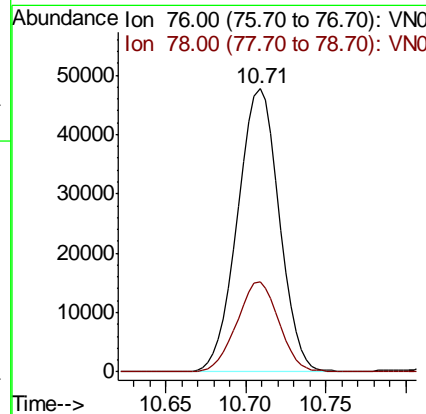
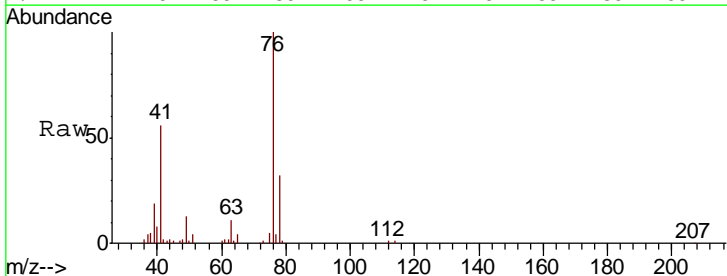
Manual Integrations  
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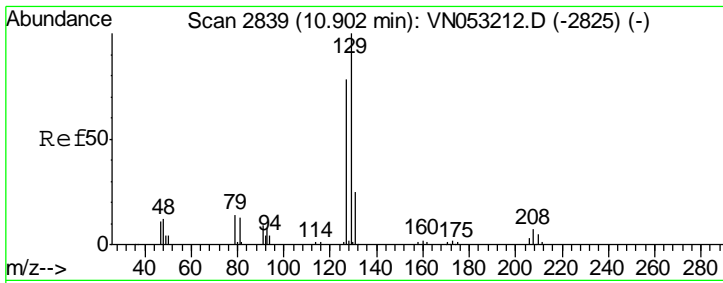
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 1/2/2019 9:47:56 AM



#52  
 1,3-Dichloropropane  
 Concen: 5.131 ug/l  
 RT: 10.71 min Scan# 2779  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
76	100		
78	32.0	0.0	64.8



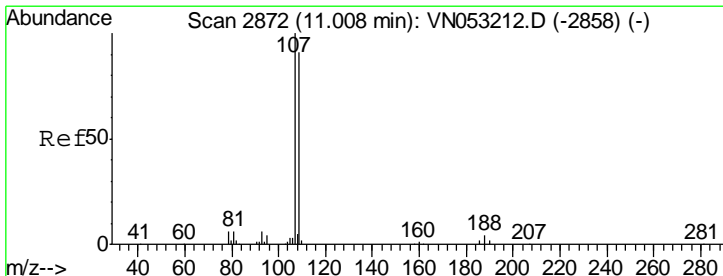
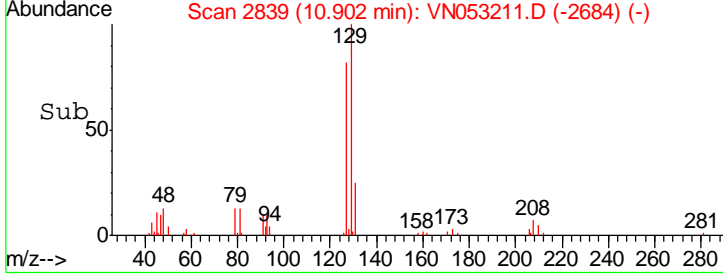
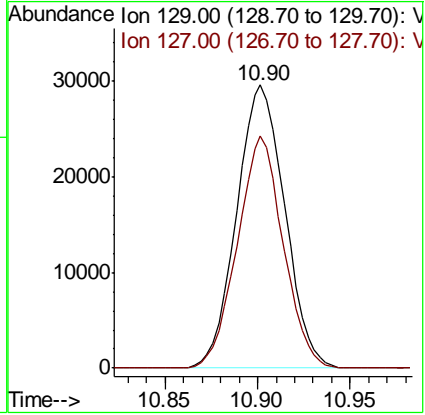
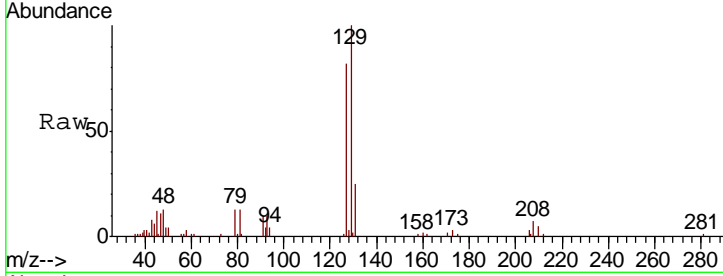


#53  
 Dibromochloromethane  
 Concen: 5.223 ug/l  
 RT: 10.90 min Scan# 2839  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

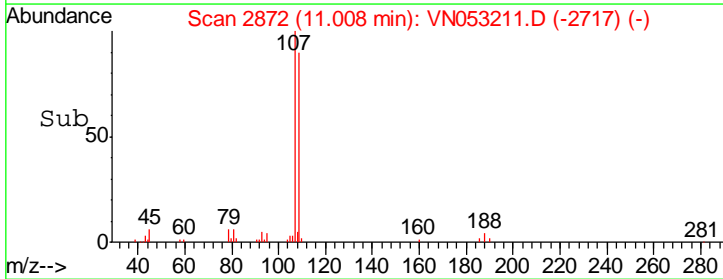
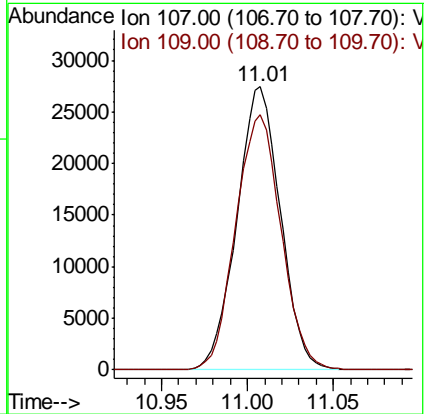
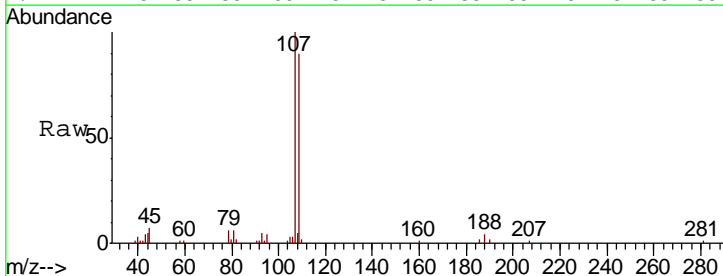
Tgt Ion	Resp	Lower	Upper
129	53280		
127	77.9	37.6	112.8

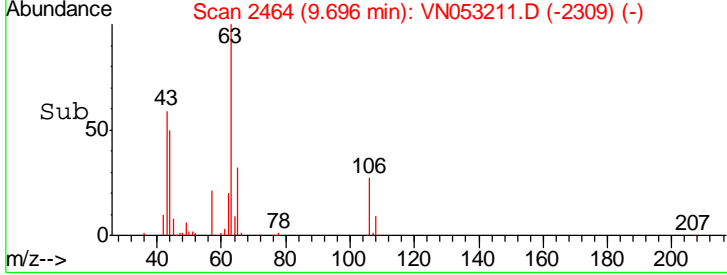
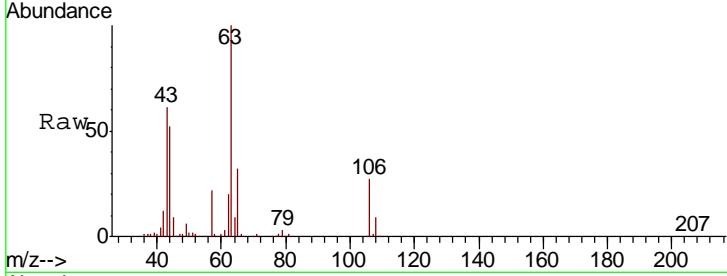
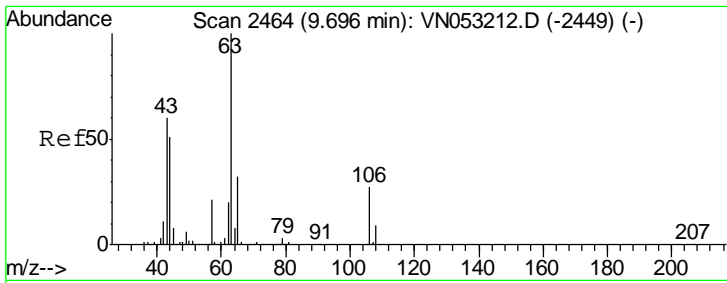
Manual Integrations  
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#54  
 1,2-Dibromoethane  
 Concen: 5.325 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
107	48208		
109	93.9	77.1	115.7



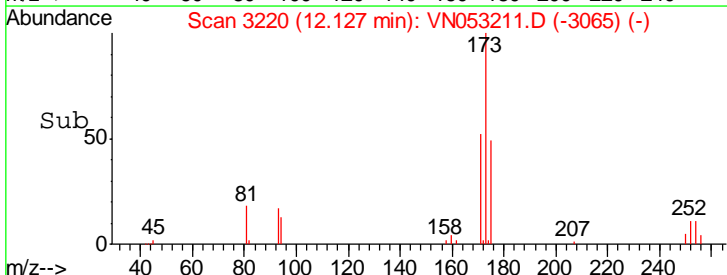
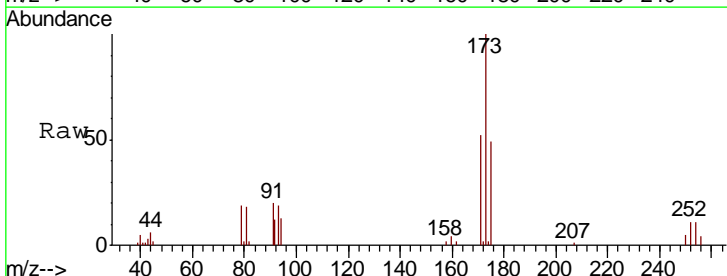
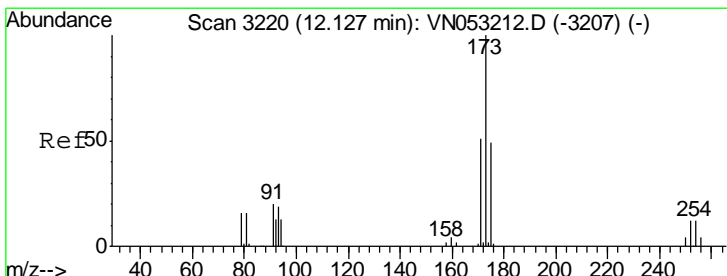
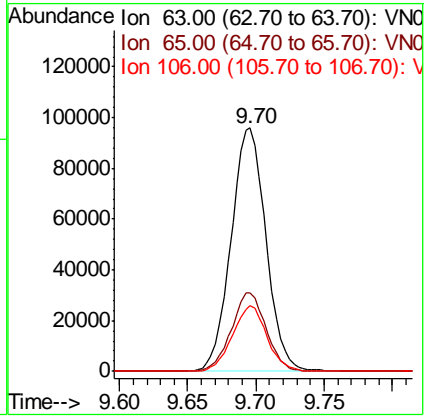


#55  
 2-Chloroethyl vinyl ether  
 Concen: 24.983 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
63	100		
65	32.2	25.4	38.2
106	26.6	20.4	30.6

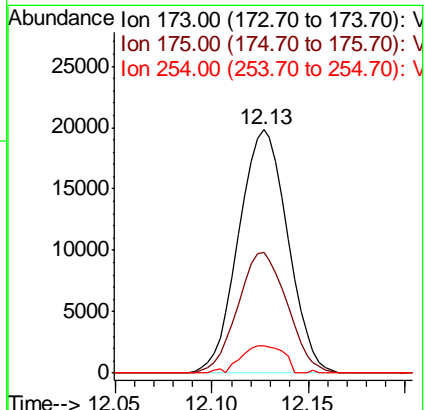
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VSTDIC005

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 1/2/2019 9:47:56 AM

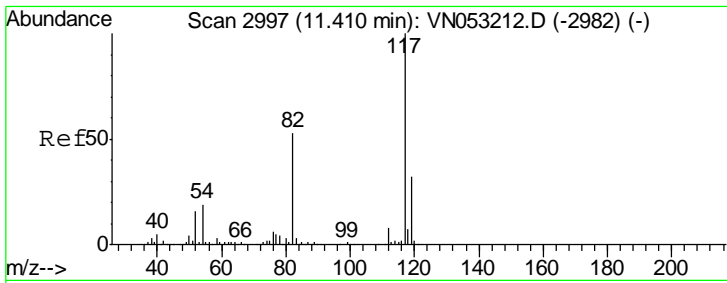


#56  
 Bromoform  
 Concen: 5.254 ug/l  
 RT: 12.13 min Scan# 3220  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
173	100		
175	49.8	38.7	58.1
254	9.5	8.4	12.6







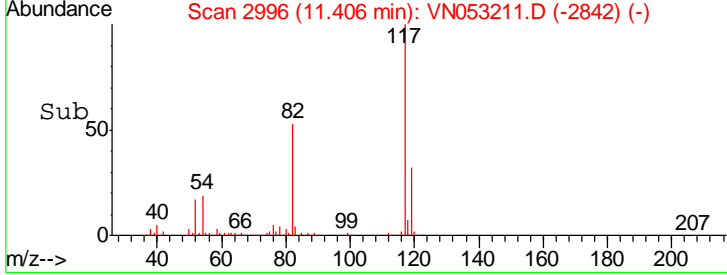
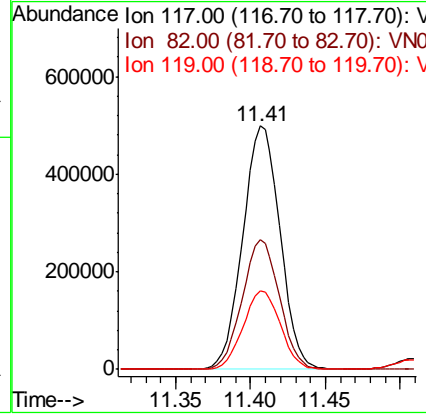
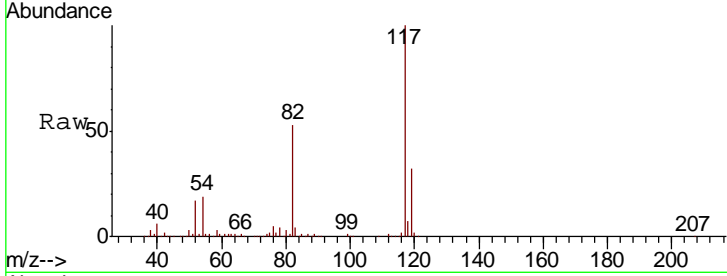
#57  
 Chlorobenzene-d5  
 Concen: 30.000 ug/l  
 RT: 11.41 min Scan# 2996  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
117	100		
82	53.2	44.2	66.2
119	32.3	25.4	38.2

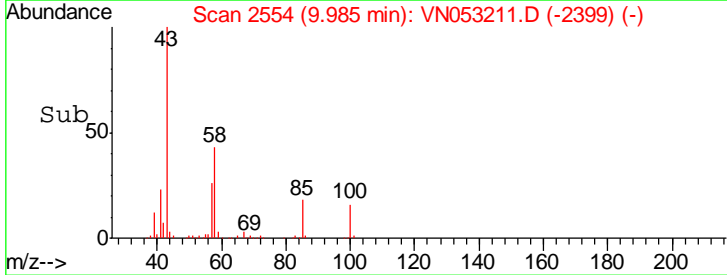
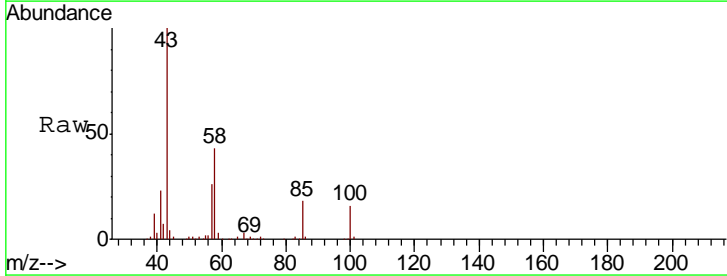
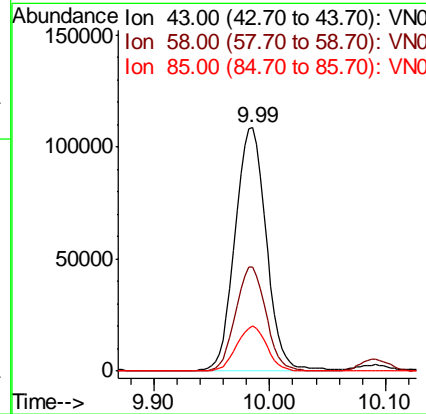
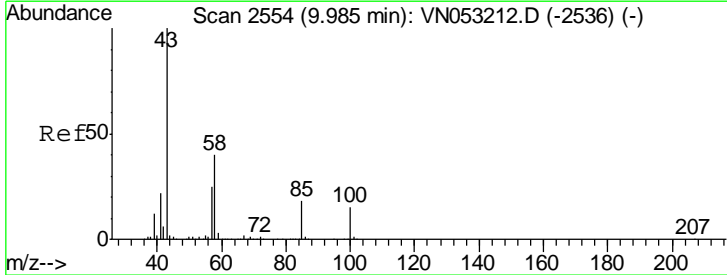
Manual Integrations  
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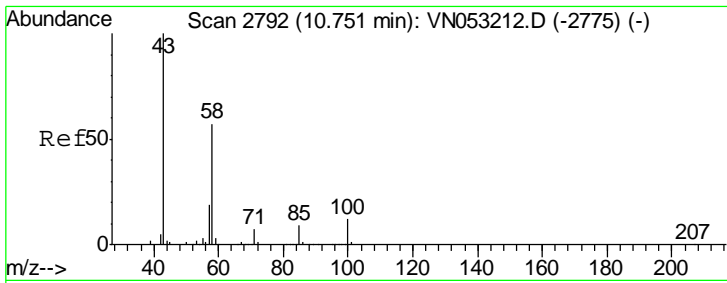
MMDadoda  
 1/2/2019 9:47:56 AM



#58  
 4-Methyl-2-Pentanone  
 Concen: 23.879 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
43	100		
58	42.0	31.6	47.4
85	18.0	13.3	19.9





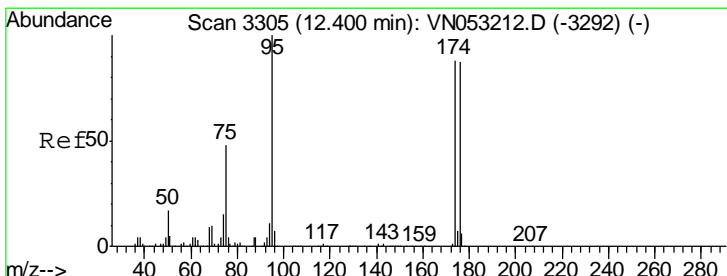
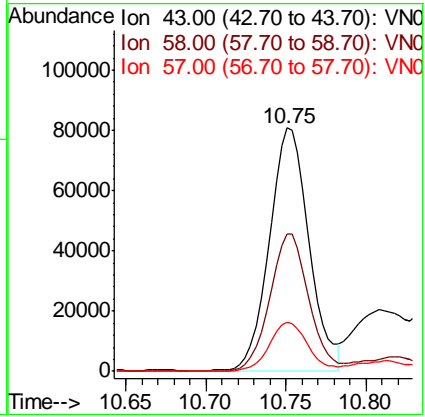
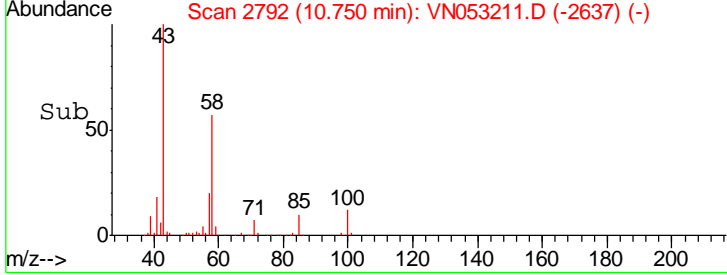
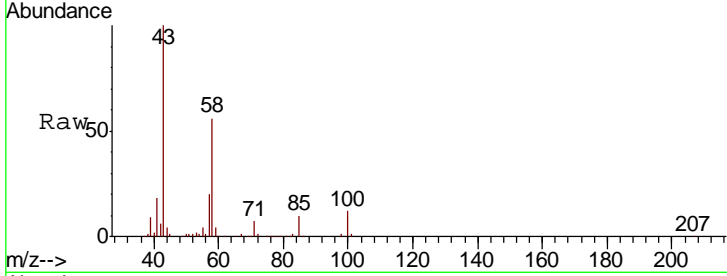
#59  
 2-Hexanone  
 Concen: 24.177 ug/l  
 RT: 10.75 min Scan# 2792  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
43	100		
58	55.9	43.2	64.8
57	19.7	14.9	22.3

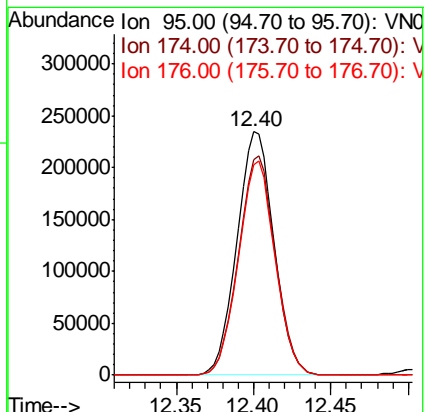
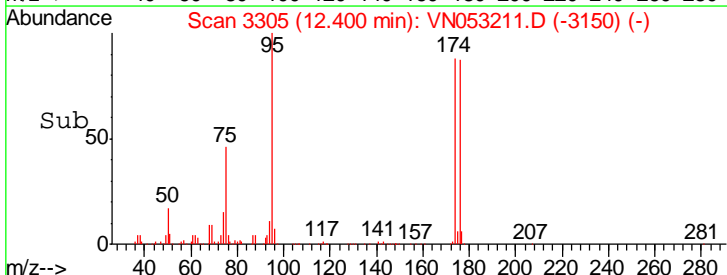
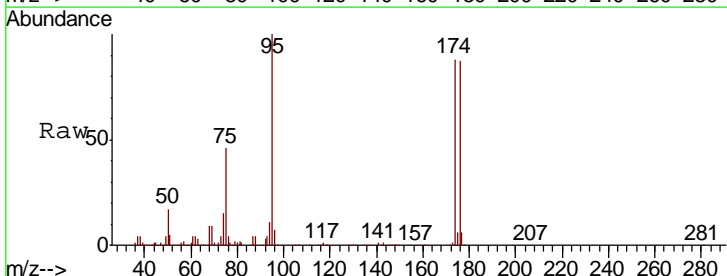
Manual Integrations  
 APPROVED

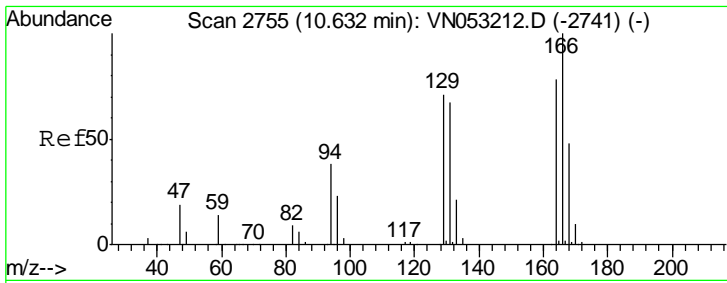
MMDadoda  
 1/2/2019 9:47:56 AM



#60  
 4-Bromofluorobenzene  
 Concen: 24.177 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
95	100		
174	89.7	67.9	101.9
176	87.1	66.4	99.6





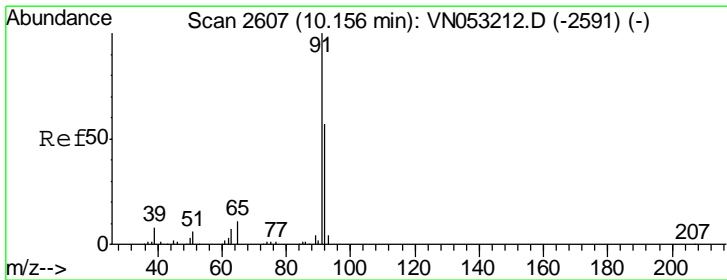
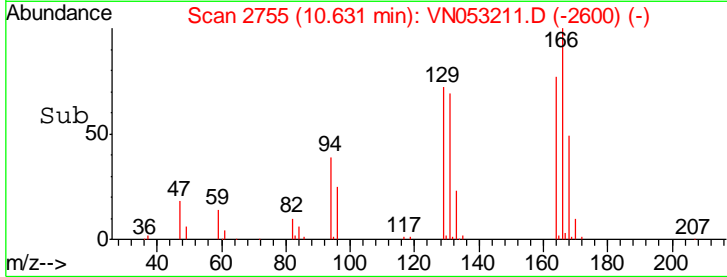
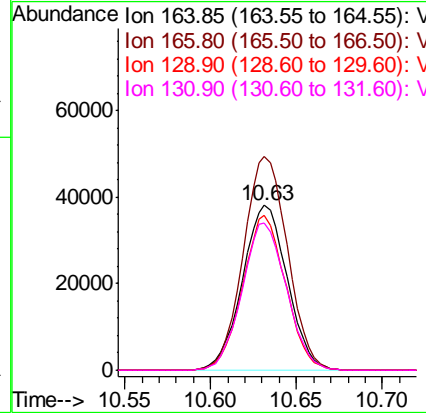
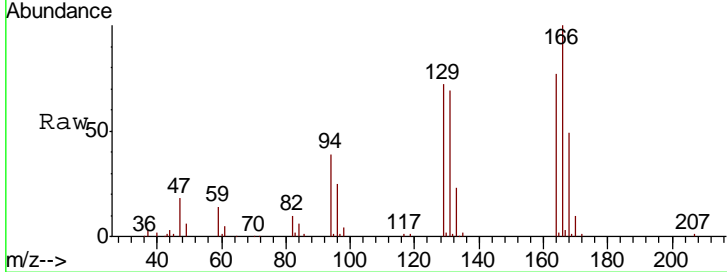
#61  
 Tetrachloroethene  
 Concen: 6.472 ug/l  
 RT: 10.63 min Scan# 2755  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
164	100		
166	129.4	104.6	157.0
129	93.8	75.3	112.9
131	89.3	74.3	111.5

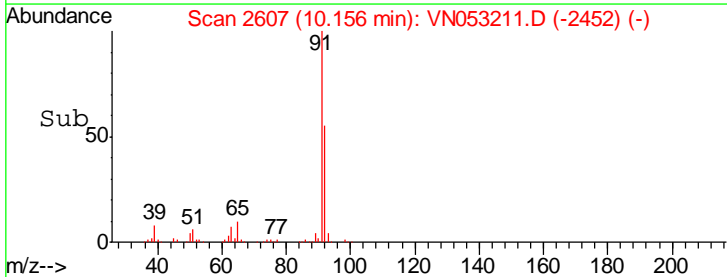
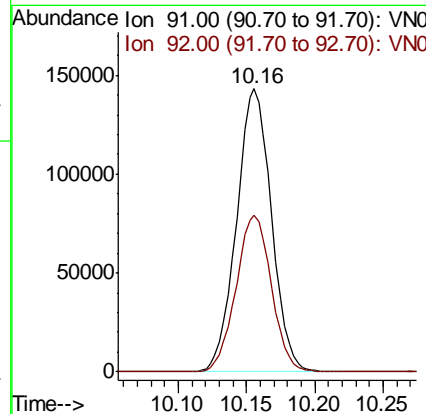
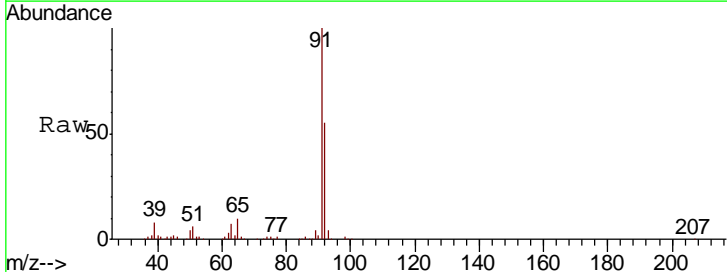
Manual Integrations  
 APPROVED

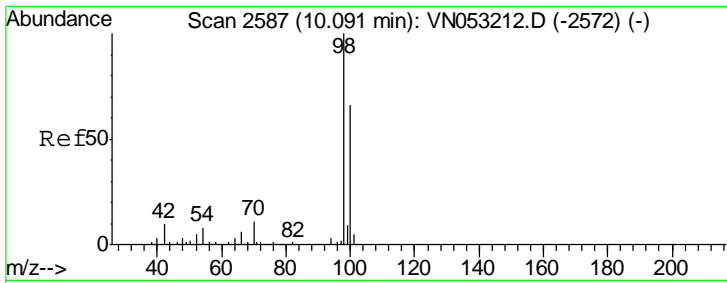
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 1/2/2019 9:47:56 AM



#62  
 Toluene  
 Concen: 5.334 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
91	100		
92	56.1	45.4	68.2



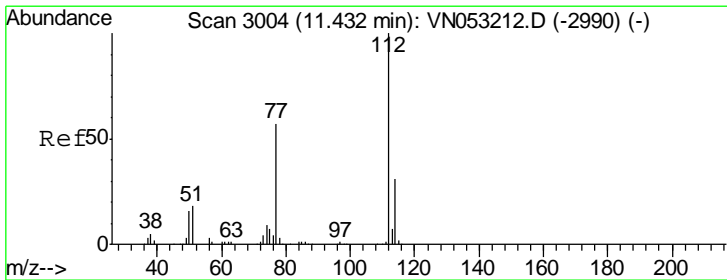
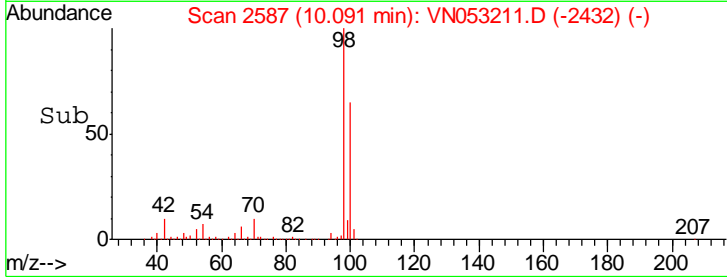
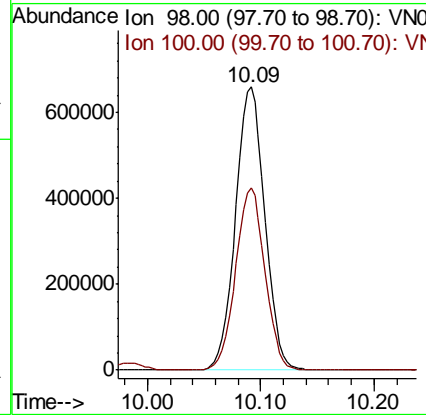
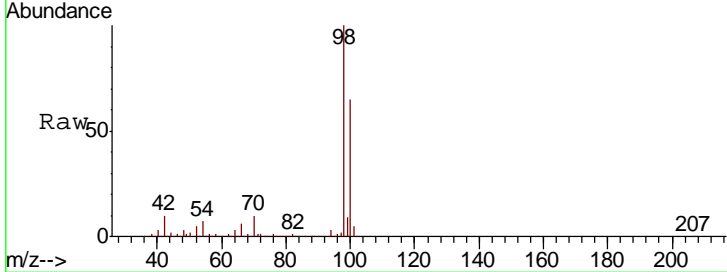


#63  
 Toluene-d8  
 Concen: 5.334 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

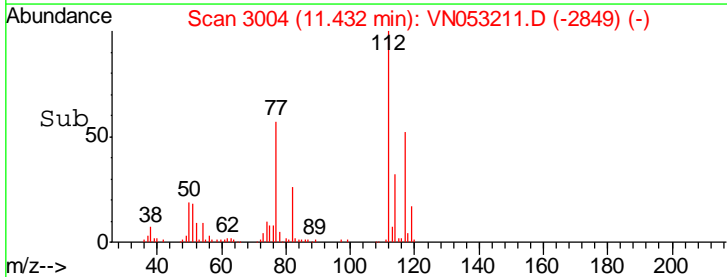
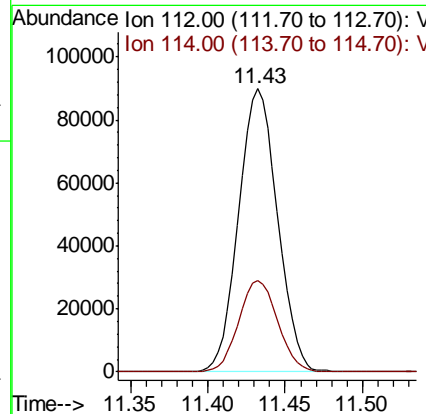
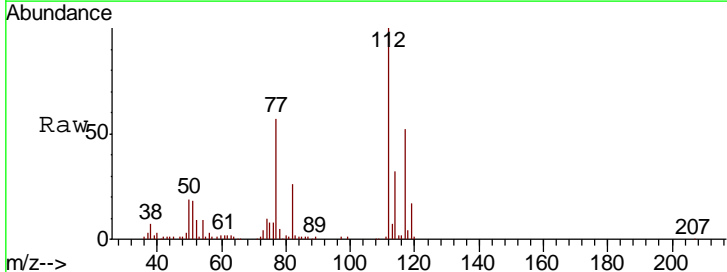
Tgt Ion: 98 Resp: 1187715  
 Ion Ratio Lower Upper  
 98 100  
 100 64.3 51.1 76.7

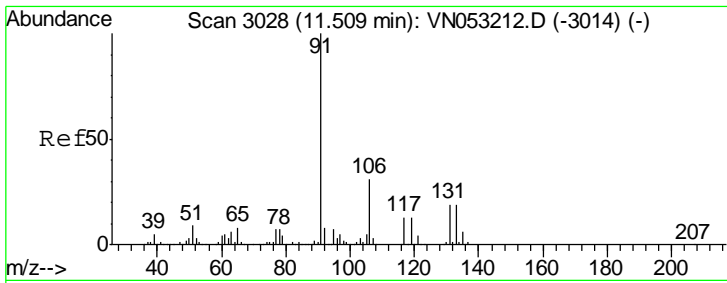
Manual Integrations  
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#64  
 Chlorobenzene  
 Concen: 5.403 ug/l  
 RT: 11.43 min Scan# 3004  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion: 112 Resp: 157308  
 Ion Ratio Lower Upper  
 112 100  
 114 32.2 25.6 38.4





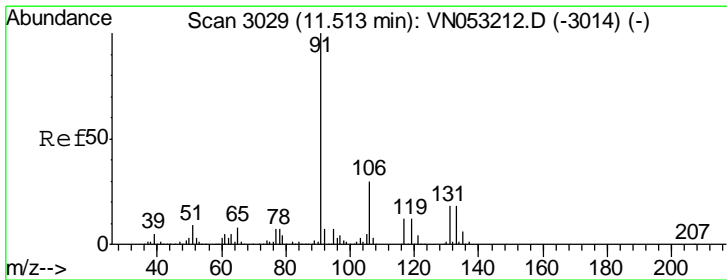
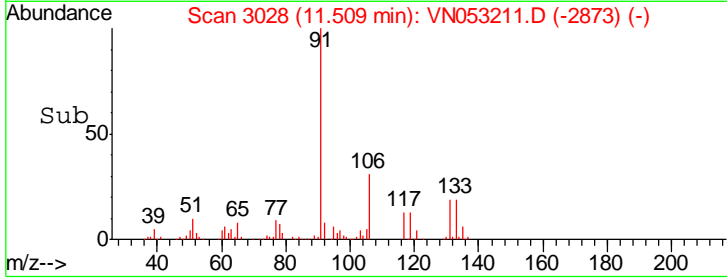
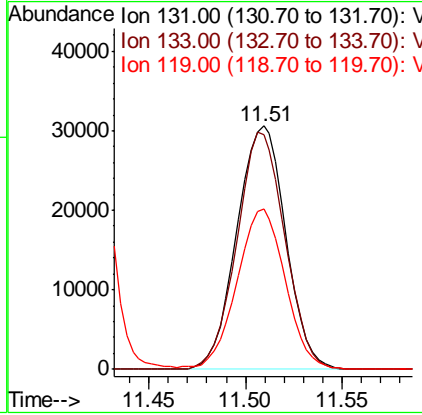
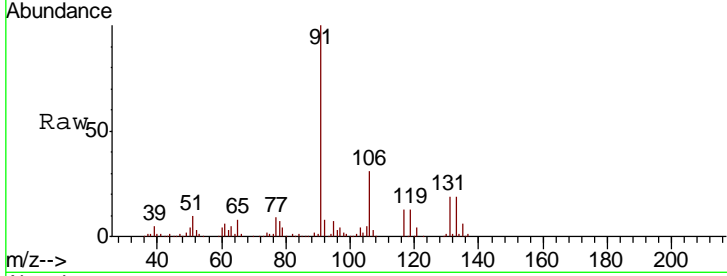
#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 5.337 ug/l  
 RT: 11.51 min Scan# 3028  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
131	100		
133	95.7	0.0	193.4
119	65.1	0.0	133.0

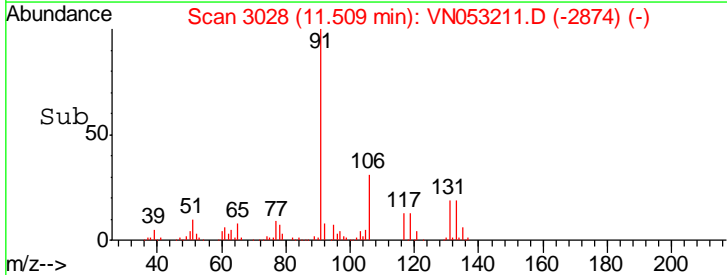
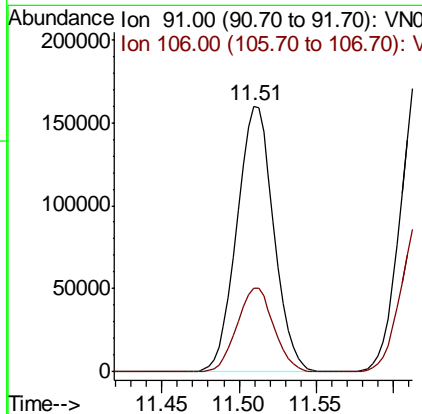
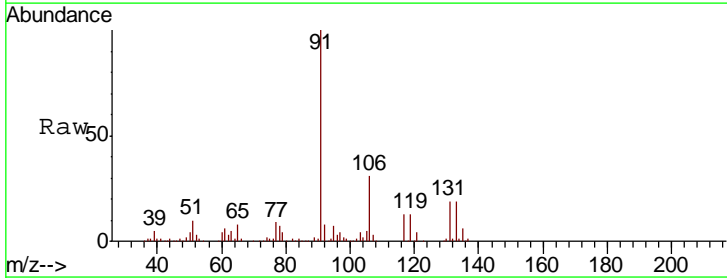
Manual Integrations  
 APPROVED

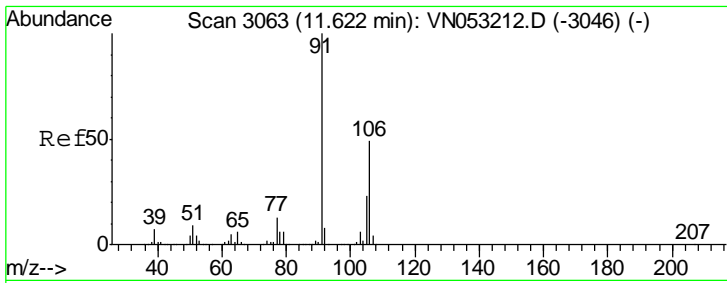
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#66  
 Ethyl Benzene  
 Concen: 5.152 ug/l  
 RT: 11.51 min Scan# 3028  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
91	100		
106	31.5	24.3	36.5



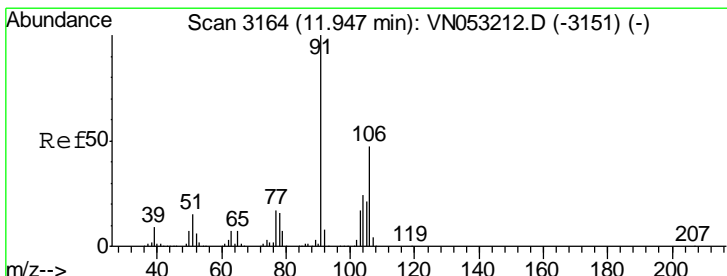
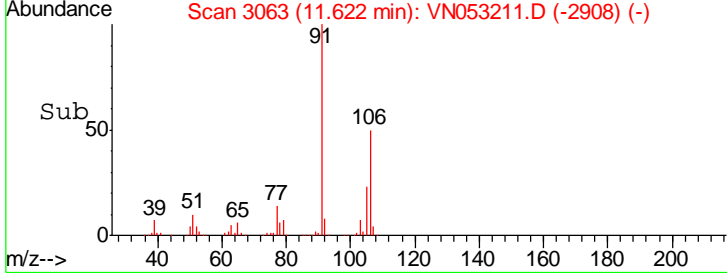
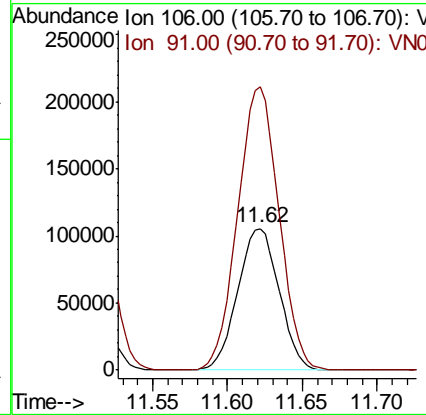
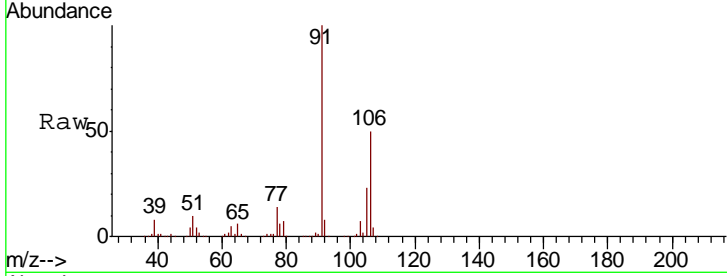


#67  
 m/p-Xylenes  
 Concen: 10.614 ug/l  
 RT: 11.62 min Scan# 3063  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

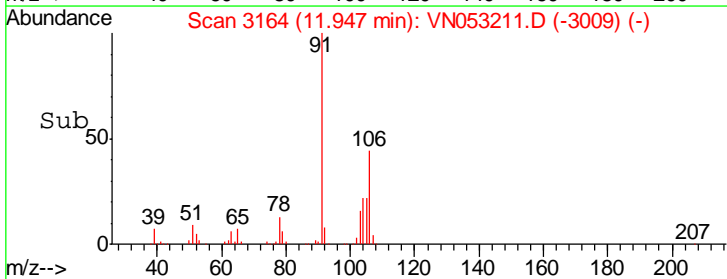
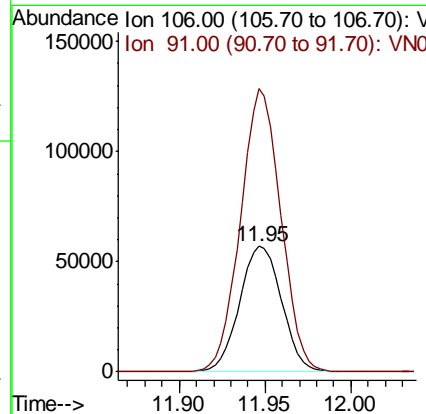
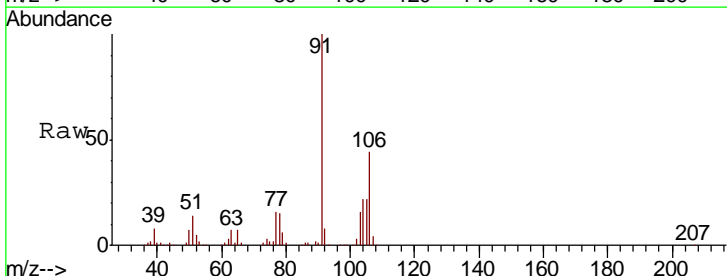
Tgt Ion	Resp	Lower	Upper
106	100		
91	199.0	163.9	245.9

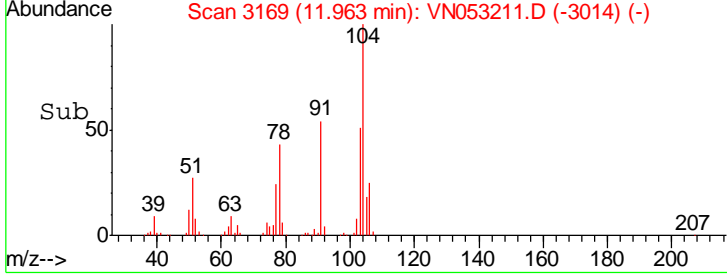
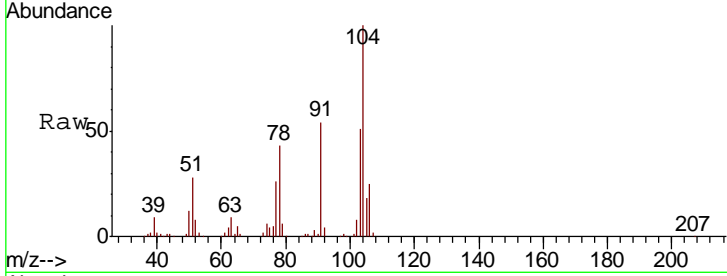
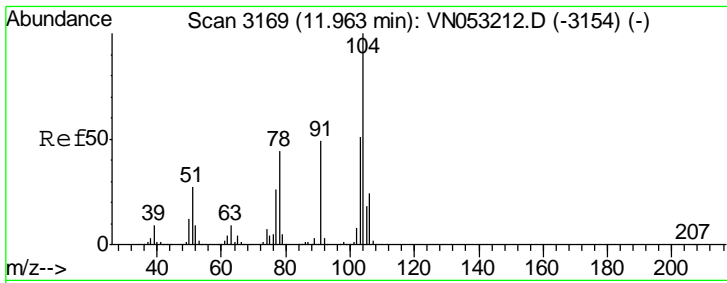
Manual Integrations APPROVED  
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 1/2/2019 9:47:56 AM



#68  
 o-Xylene  
 Concen: 5.218 ug/l  
 RT: 11.95 min Scan# 3164  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
106	100		
91	215.6	107.8	323.4



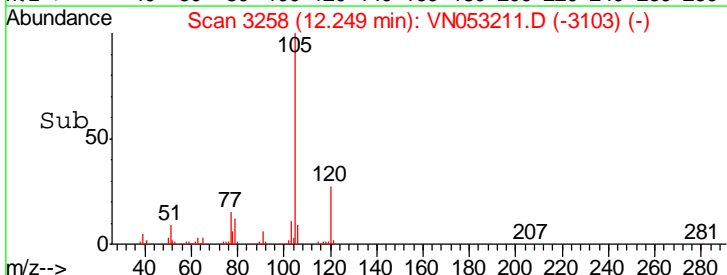
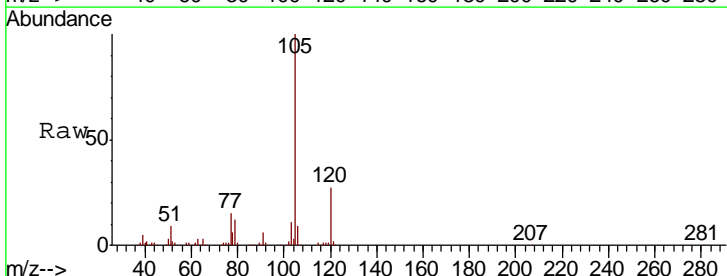
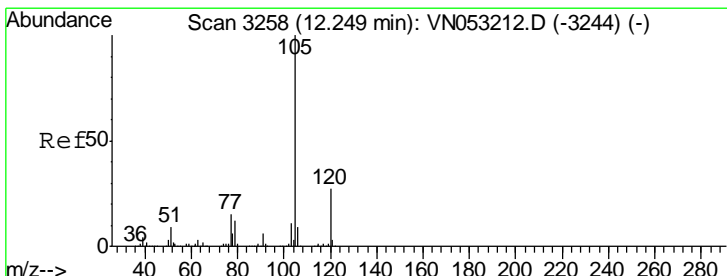
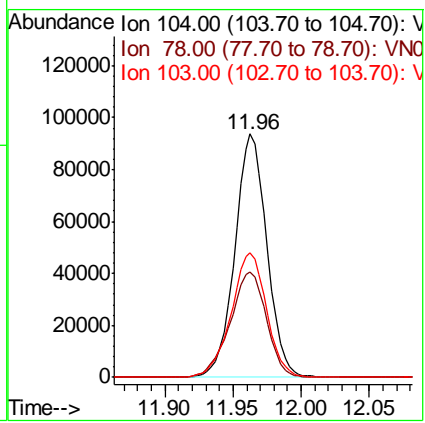


#69  
 Styrene  
 Concen: 5.079 ug/l  
 RT: 11.96 min Scan# 3169  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
104	152394		
78	49.3	39.3	58.9
103	56.4	44.6	66.8

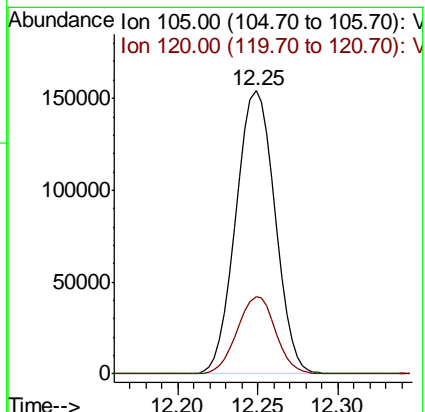
Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

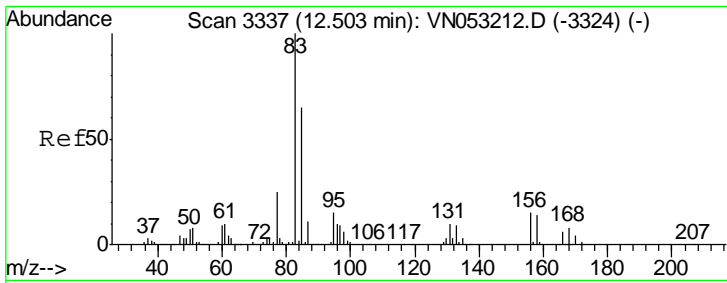
Manual Integrations APPROVED  
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 1/2/2019 9:47:56 AM



#70  
 Isopropylbenzene  
 Concen: 5.186 ug/l  
 RT: 12.25 min Scan# 3258  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
105	256516		
120	26.8	18.6	34.6



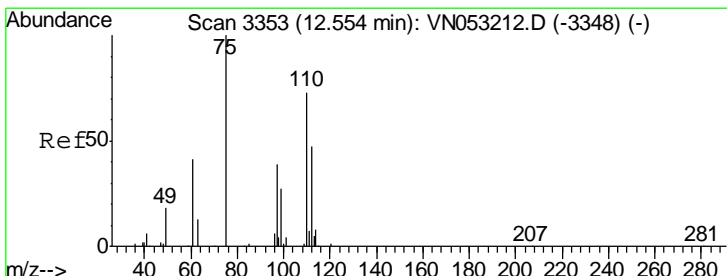
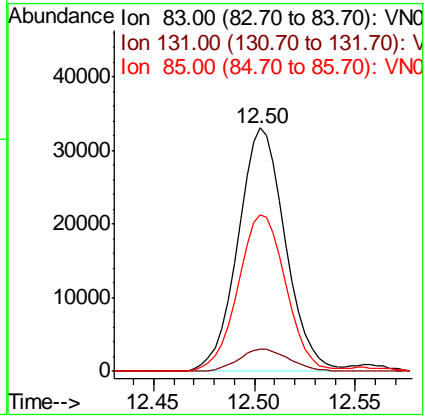
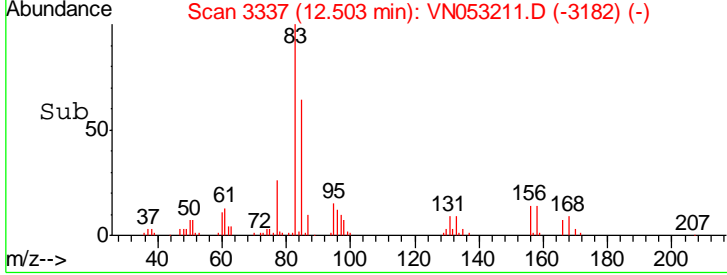
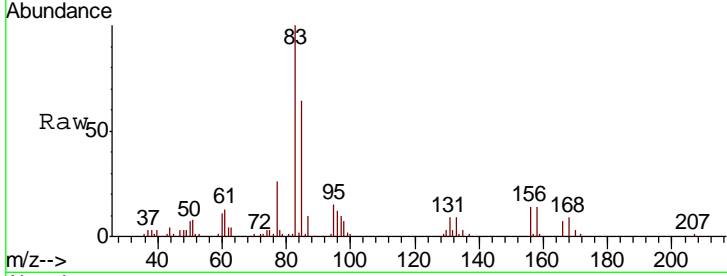


#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 5.039 ug/l  
 RT: 12.50 min Scan# 3337  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

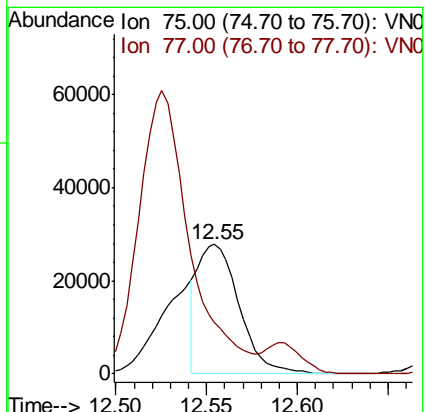
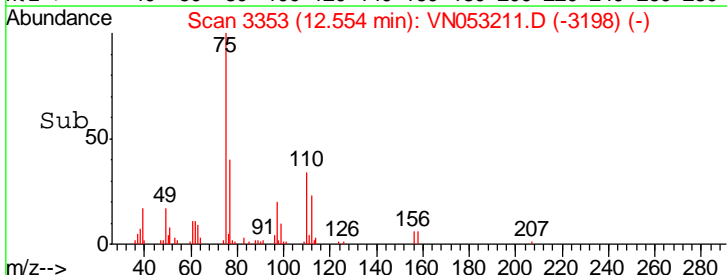
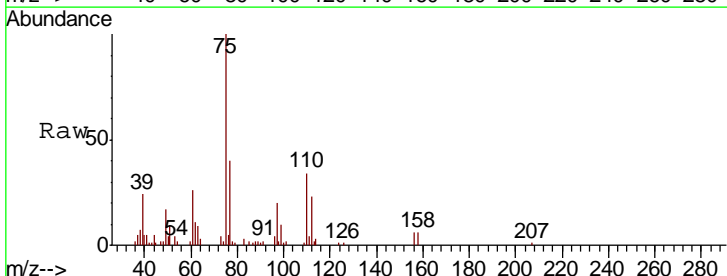
Tgt Ion	Resp	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	65.5	32.2	96.6

Manual Integrations APPROVED  
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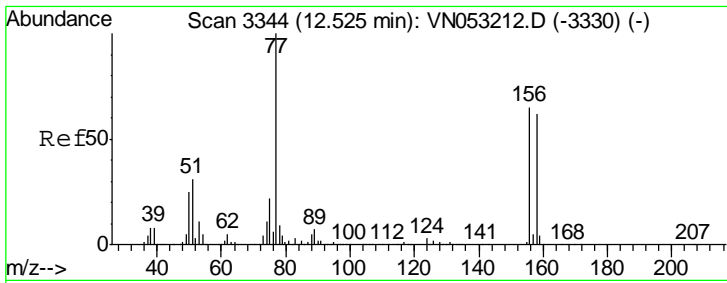


#72  
 1,2,3-Trichloropropane  
 Concen: 4.803 ug/l m  
 RT: 12.55 min Scan# 3353  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
75	100		
77	268.7	0.0	514.8







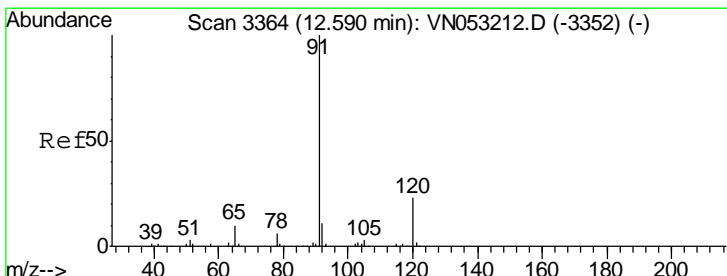
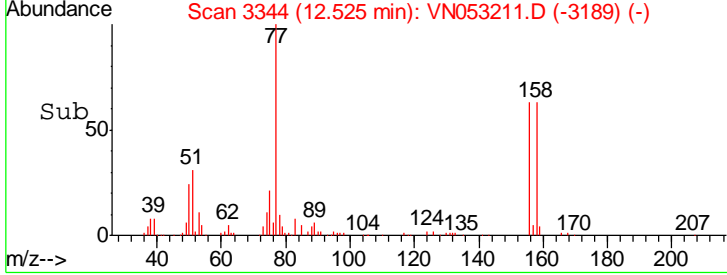
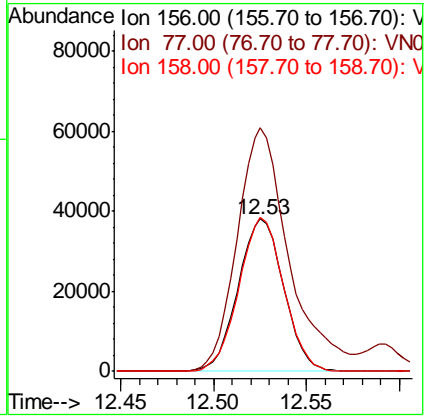
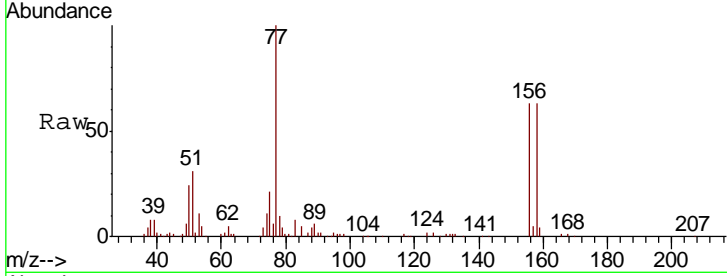
#73  
 Bromobenzene  
 Concen: 5.411 ug/l  
 RT: 12.53 min Scan# 3344  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
156	64733		
77	184.2	0.0	382.6
158	99.3	0.0	196.8

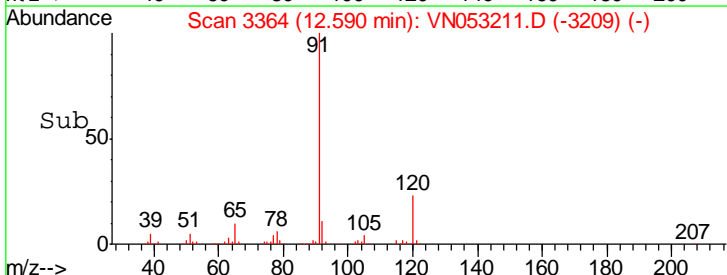
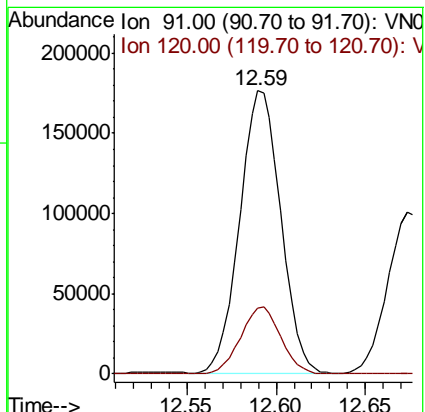
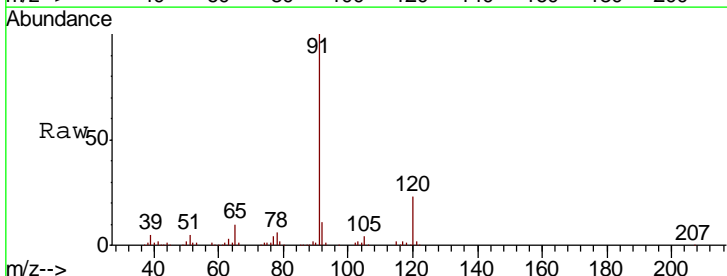
Manual Integrations  
 APPROVED

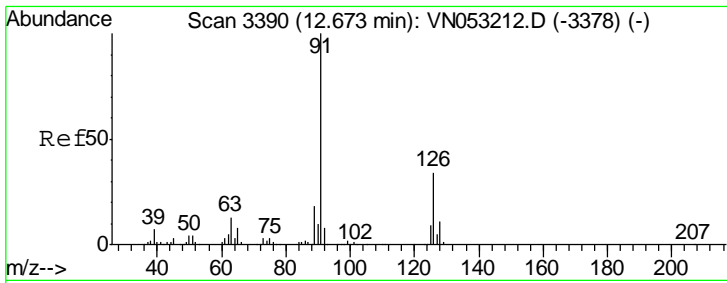
MMDadoda  
 1/2/2019 9:47:56 AM



#74  
 n-propylbenzene  
 Concen: 4.947 ug/l  
 RT: 12.59 min Scan# 3364  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
91	285096		
120	23.1	0.0	44.6



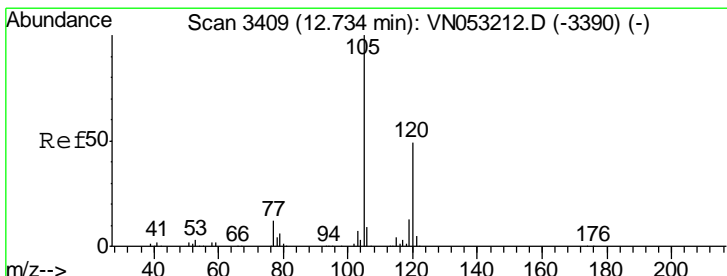
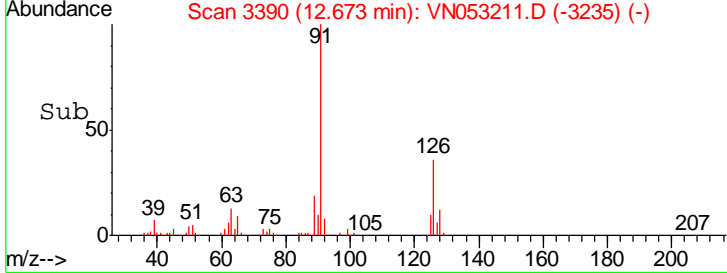
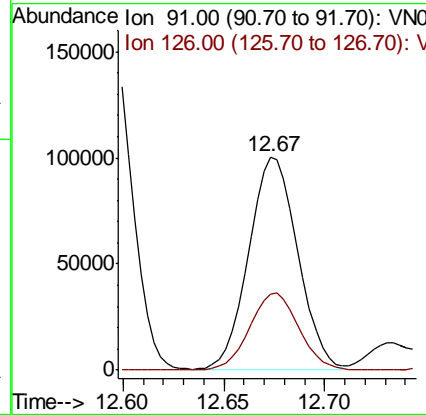
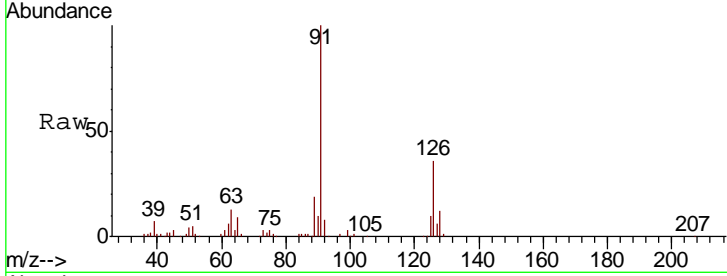


#75  
 2-Chlorotoluene  
 Concen: 5.126 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

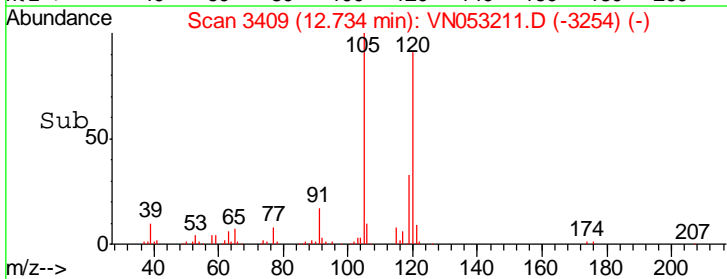
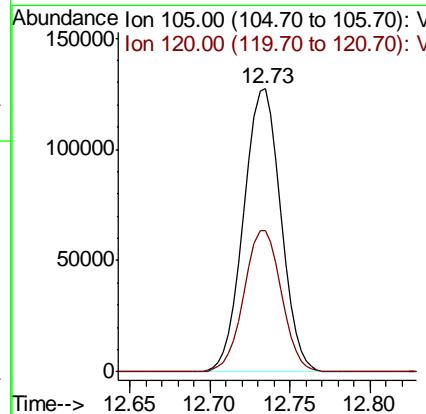
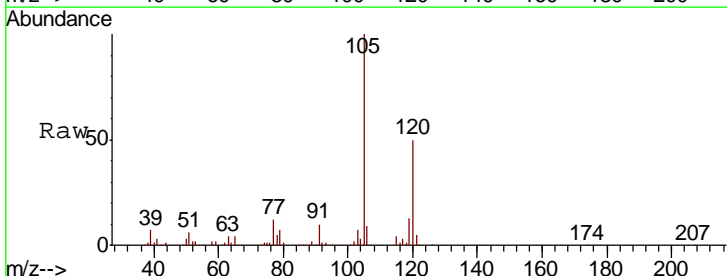
Tgt Ion	Resp	Lower	Upper
91	171466		
126	35.9	0.0	68.4

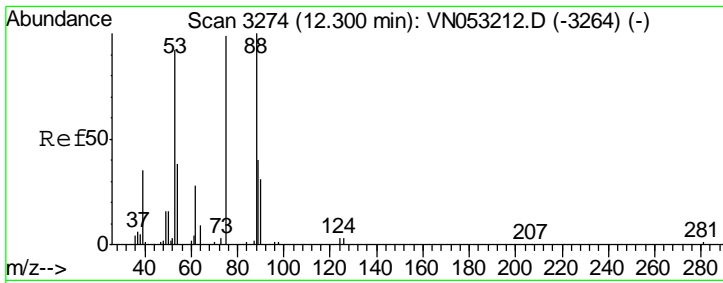
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#76  
 1,3,5-Trimethylbenzene  
 Concen: 5.047 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
105	201650		
120	50.1	0.0	97.4





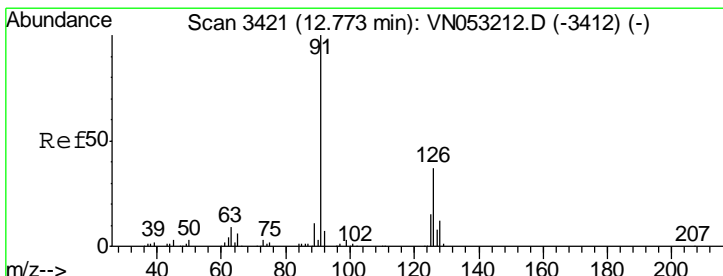
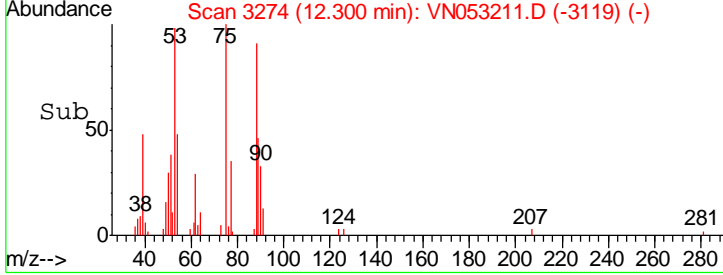
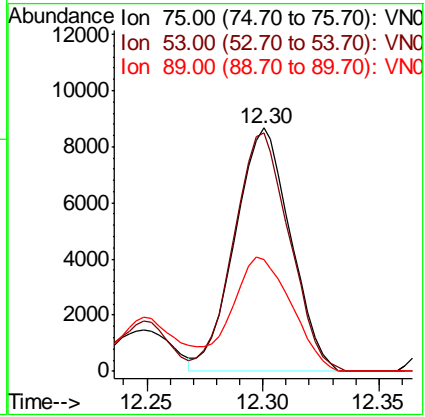
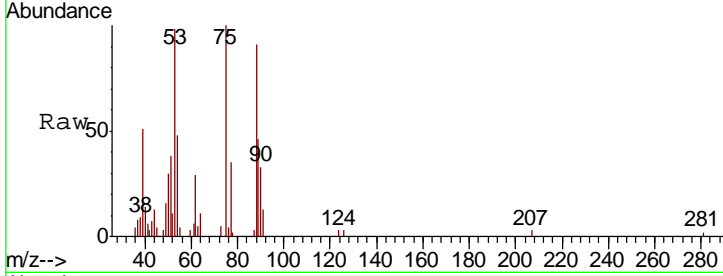
#77  
 t-1,4-Dichloro-2-butene  
 Concen: 4.955 ug/l  
 RT: 12.30 min Scan# 3274  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
75	14458		
75	100		
53	96.3	48.5	145.6
89	46.0	21.7	65.1

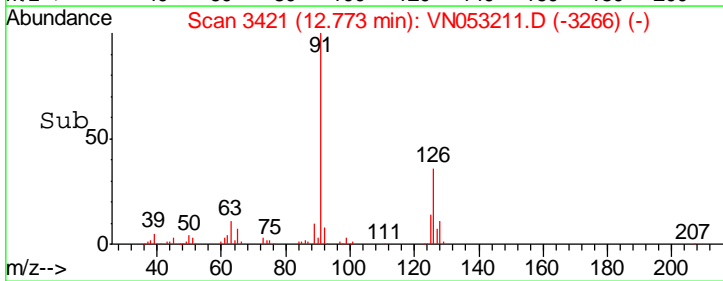
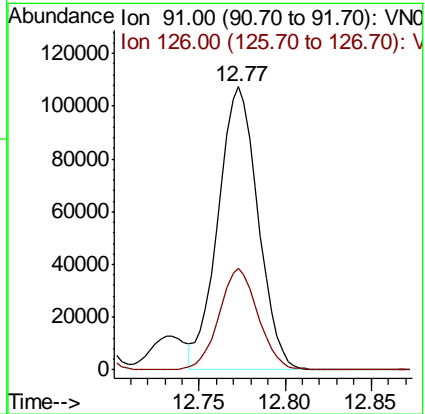
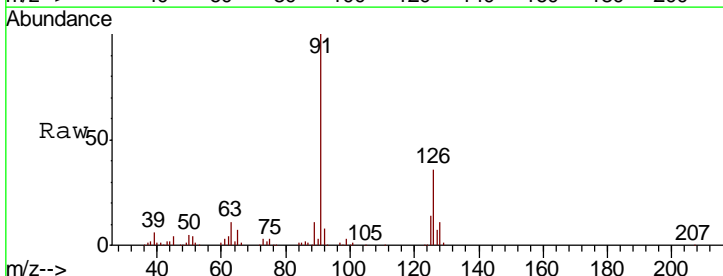
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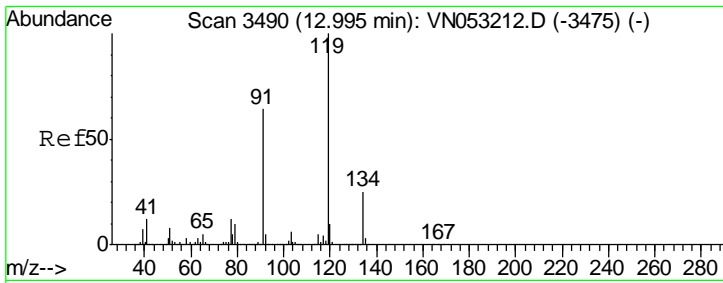
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#78  
 4-Chlorotoluene  
 Concen: 5.203 ug/l  
 RT: 12.77 min Scan# 3421  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
91	173813		
91	100		
126	35.0	0.0	68.2



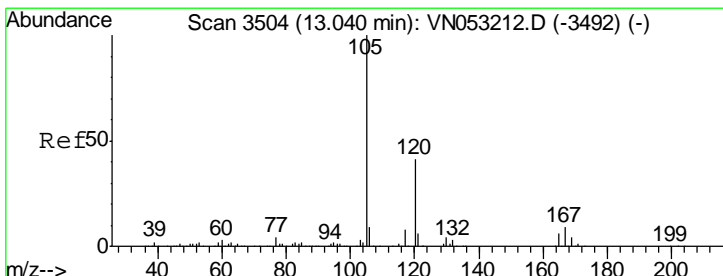
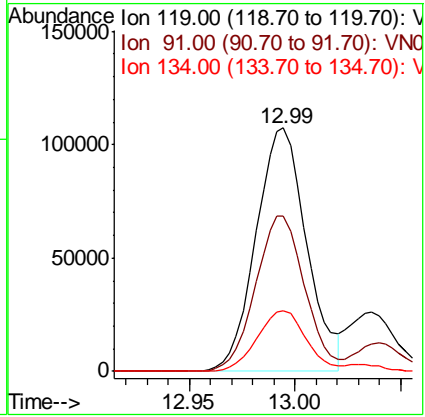
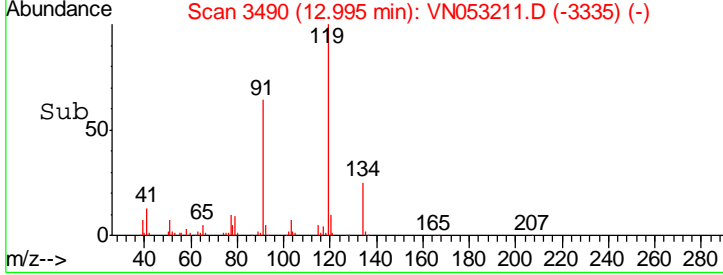
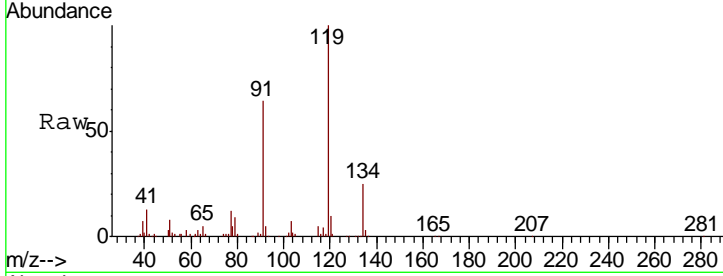


#79  
 tert-butylbenzene  
 Concen: 5.159 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

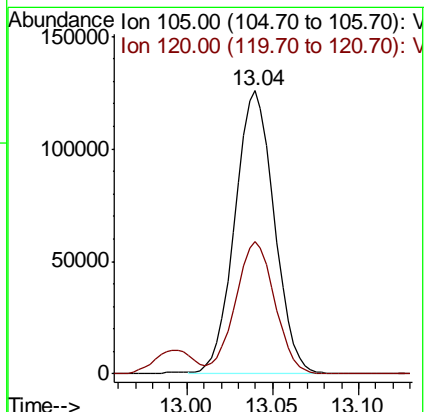
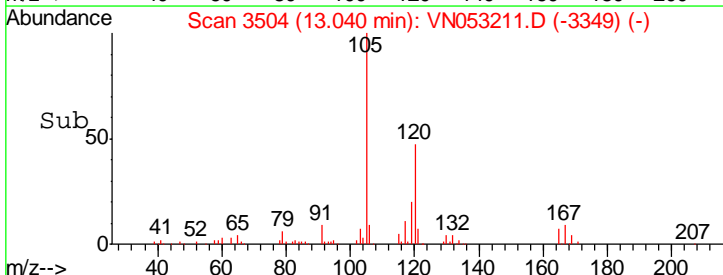
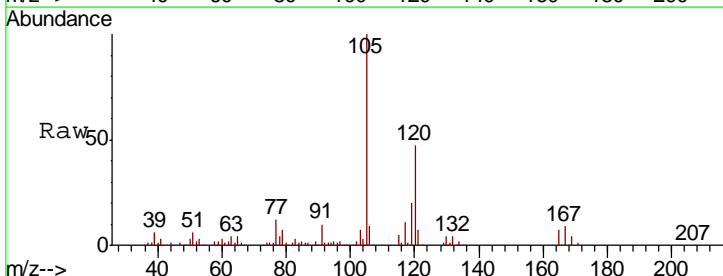
Tgt Ion	Resp	Lower	Upper
119	179502		
91	62.0	0.0	129.8
134	24.2	0.0	52.2

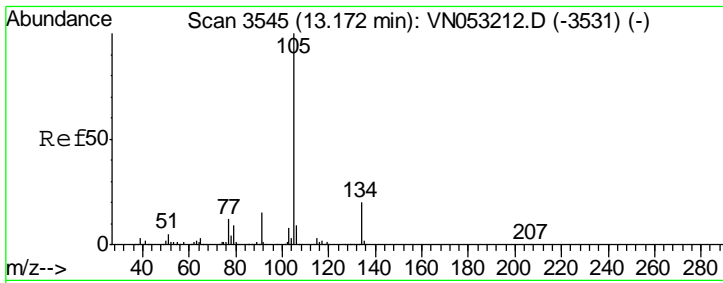
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#80  
 1,2,4-Trimethylbenzene  
 Concen: 5.027 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
105	200967		
120	46.6	0.0	91.0



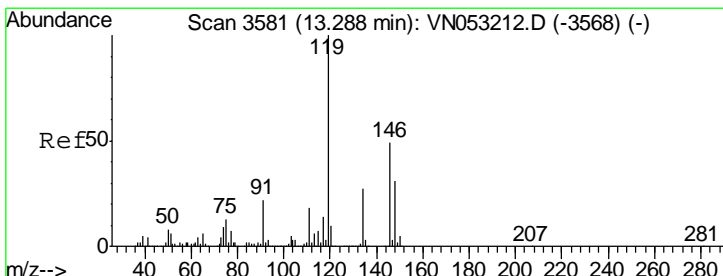
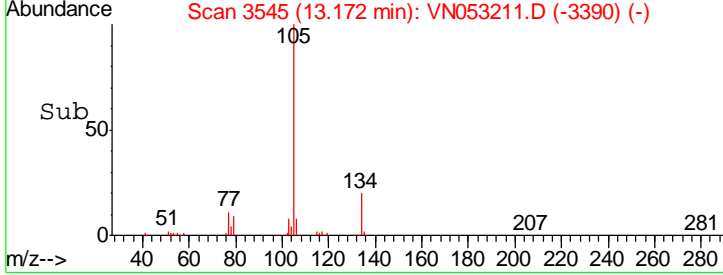
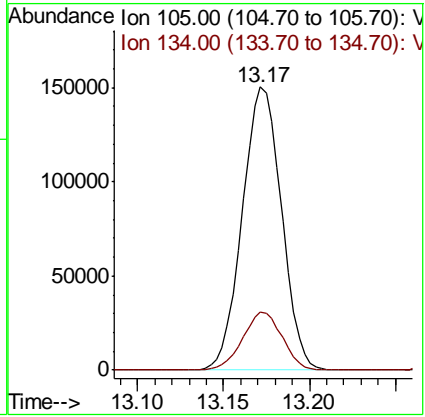
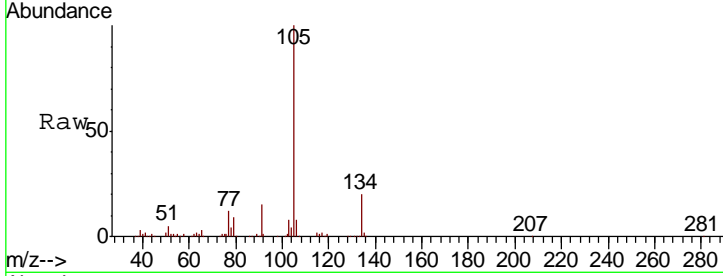


#81  
 sec-Butylbenzene  
 Concen: 4.911 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

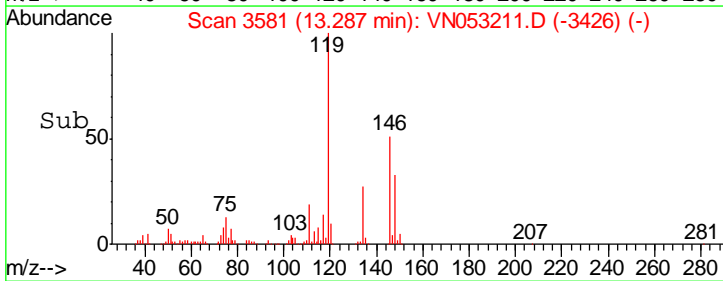
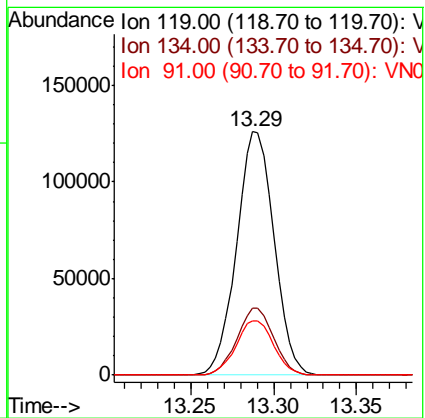
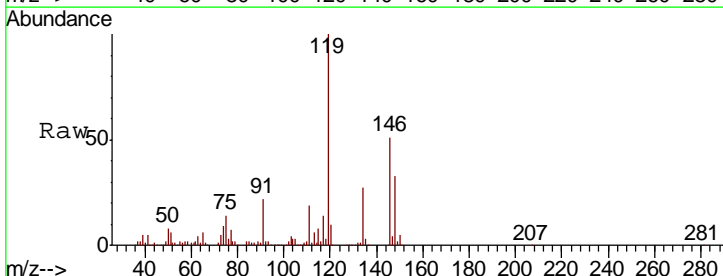
Tgt Ion	Resp	Lower	Upper
105	237998		
134	20.6	0.0	40.4

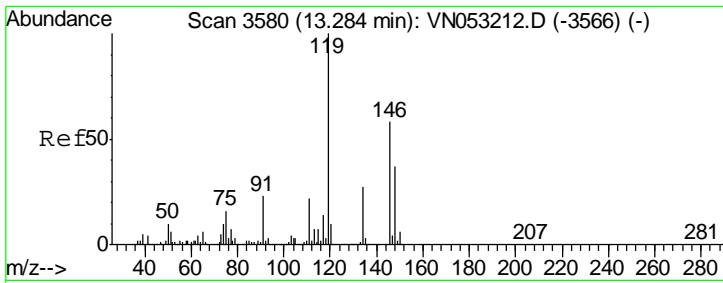
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#82  
 p-Isopropyltoluene  
 Concen: 4.806 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
119	198326		
134	27.0	0.0	52.6
91	22.5	0.0	46.2





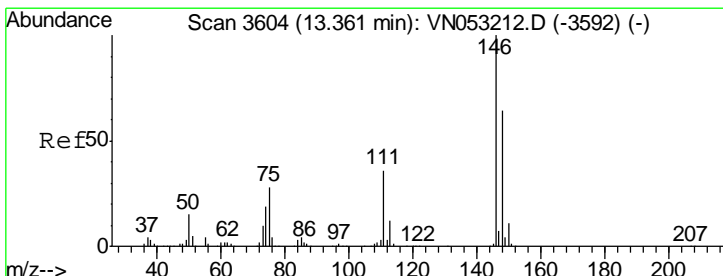
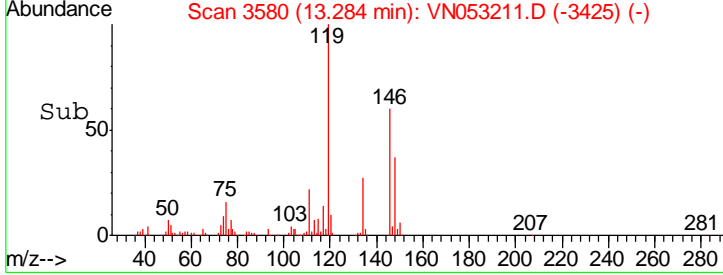
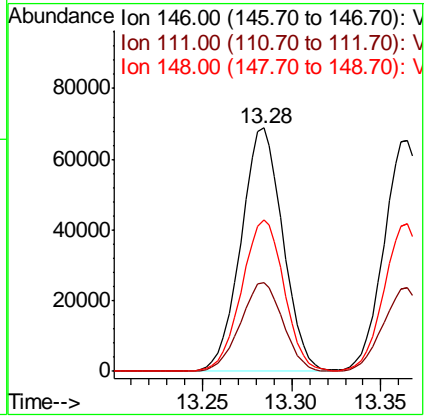
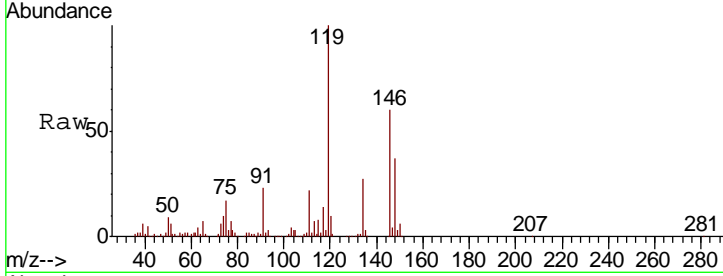
#83  
 1,3-Dichlorobenzene  
 Concen: 5.383 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
146	113256		
146	100		
111	37.0	19.7	59.0
148	62.9	32.3	96.8

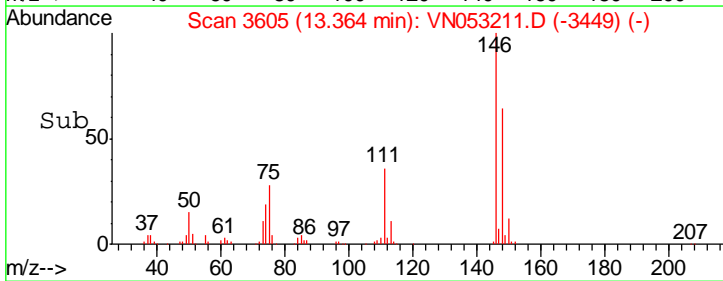
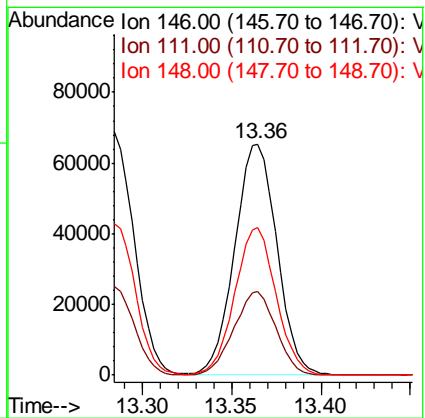
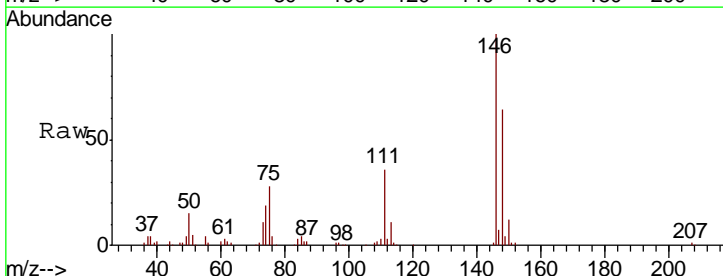
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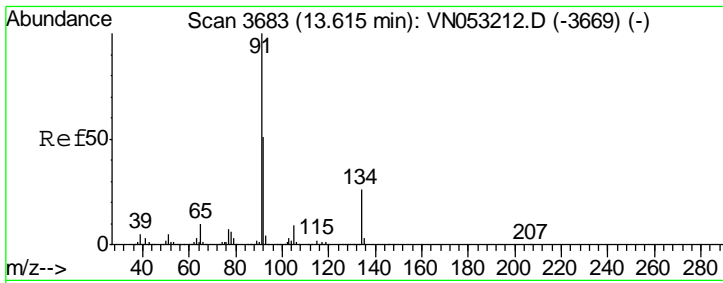
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#84  
 1,4-Dichlorobenzene  
 Concen: 5.305 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
146	107846		
146	100		
111	36.0	18.8	56.3
148	62.3	32.5	97.4



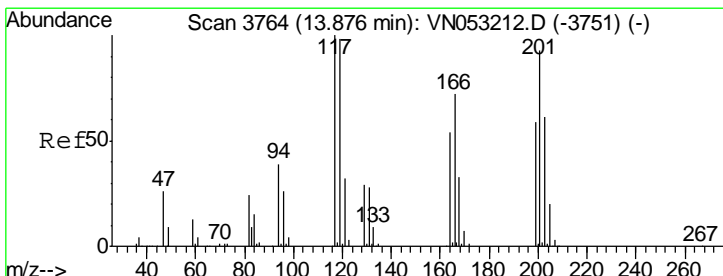
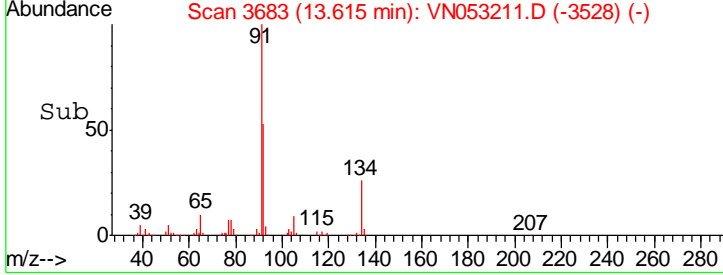
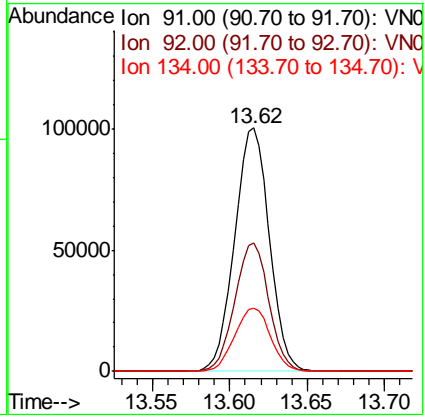
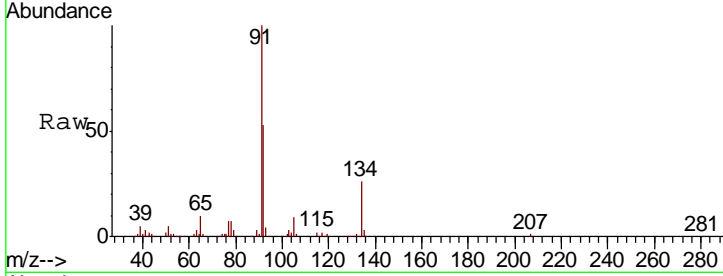


#85  
 n-Butylbenzene  
 Concen: 4.409 ug/l  
 RT: 13.62 min Scan# 3683  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

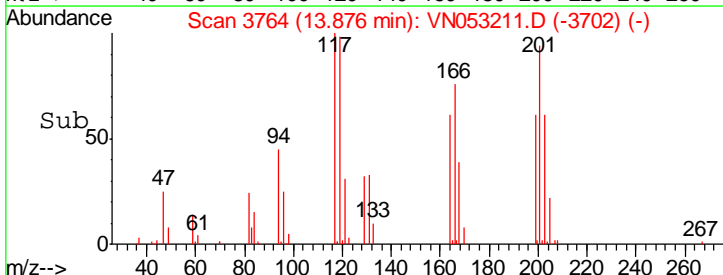
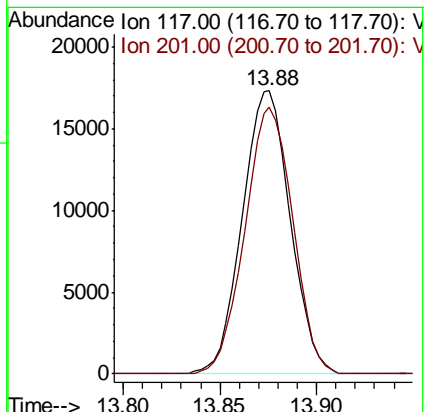
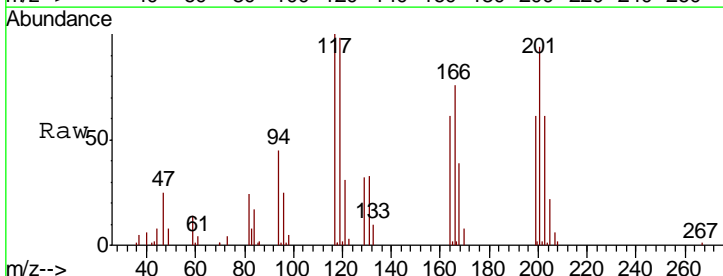
Tgt Ion	Resp	Lower	Upper
91	100		
92	51.6	0.0	104.2
134	26.6	0.0	50.6

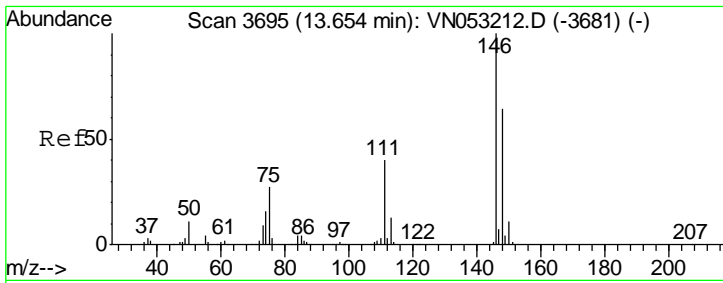
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#86  
 Hexachloroethane  
 Concen: 4.268 ug/l  
 RT: 13.88 min Scan# 3764  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
117	100		
201	94.0	43.8	131.3



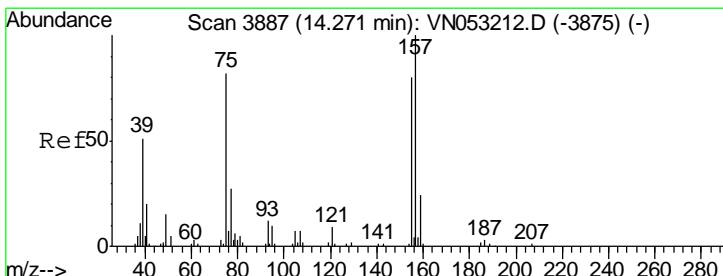
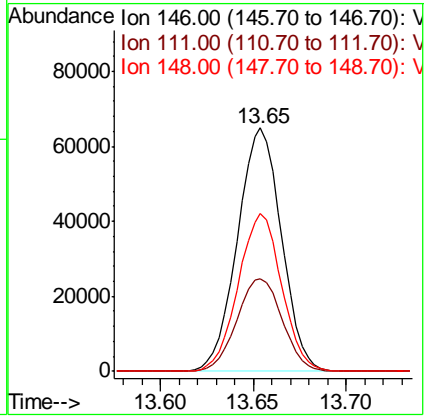
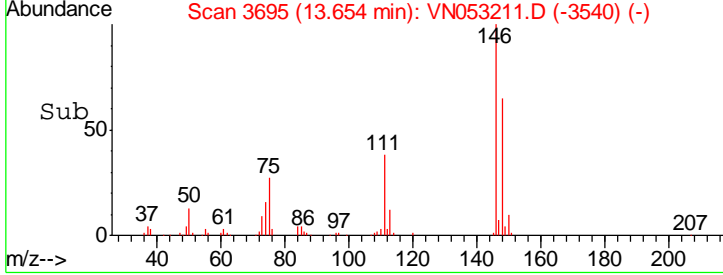
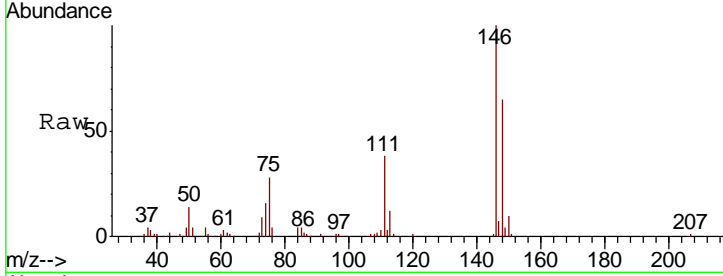


#87  
 1,2-Dichlorobenzene  
 Concen: 5.326 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

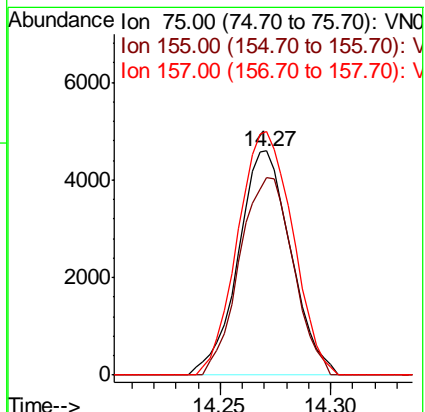
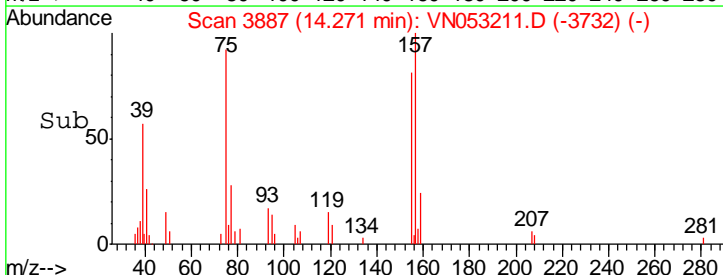
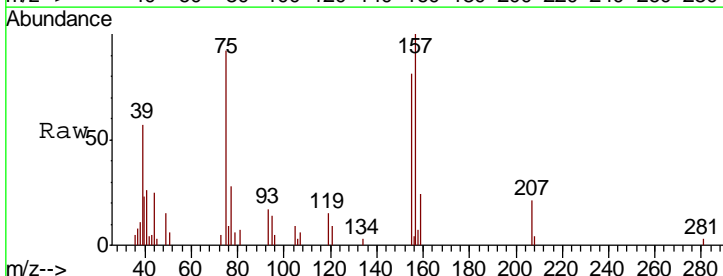
Tgt Ion	Resp	Lower	Upper
146	106638		
111	39.4	20.3	60.8
148	64.1	32.1	96.5

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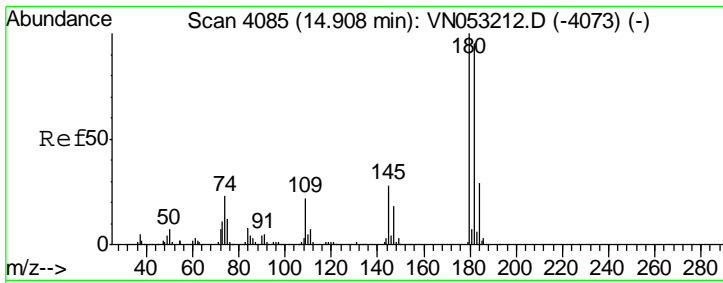


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.052 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
75	7615		
155	89.3	72.2	108.2
157	113.4	94.2	141.2

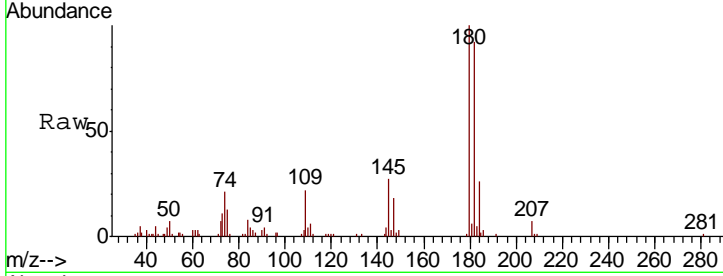






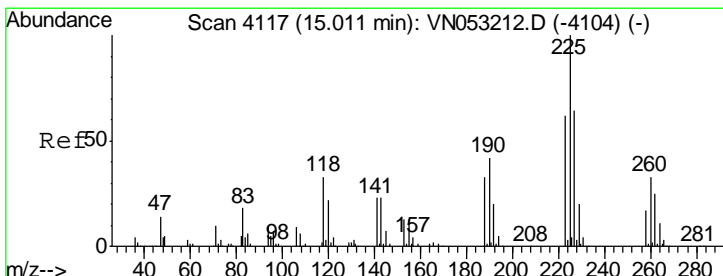
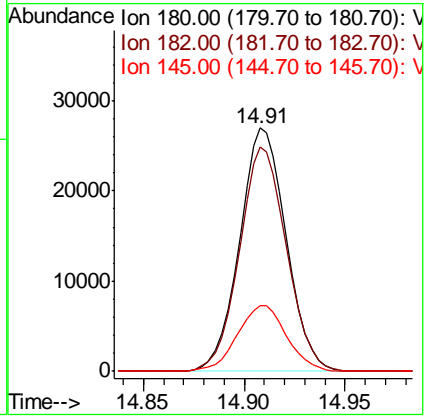
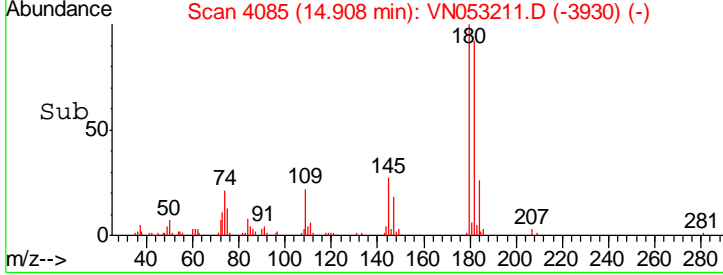
#89  
 1,2,4-Trichlorobenzene  
 Concen: 4.401 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

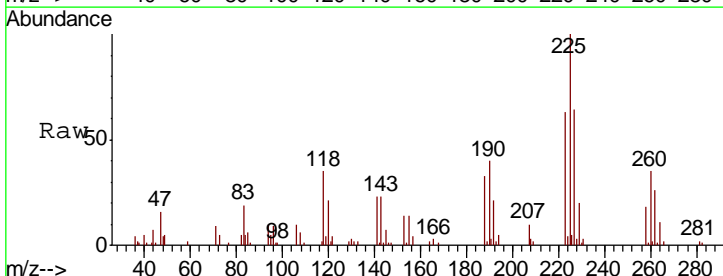


Tgt Ion	Resp	Lower	Upper
180	43411		
182	93.4	76.6	114.8
145	28.6	23.6	35.4

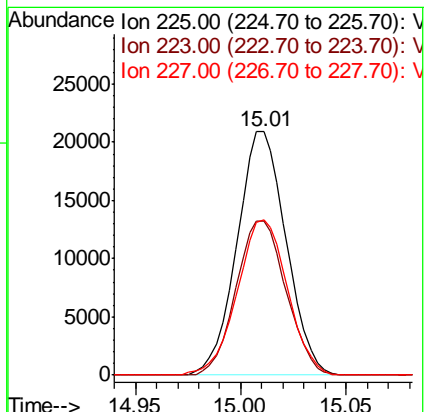
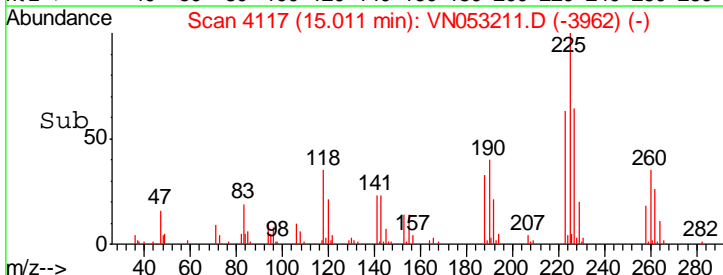
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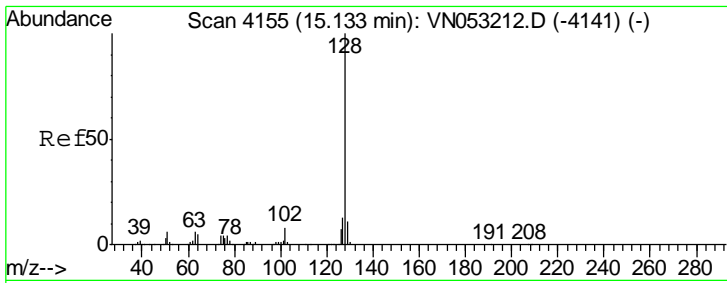


#90  
 Hexachlorobutadiene  
 Concen: 5.232 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28



Tgt Ion	Resp	Lower	Upper
225	33858		
223	64.6	0.0	125.6
227	65.2	0.0	127.8





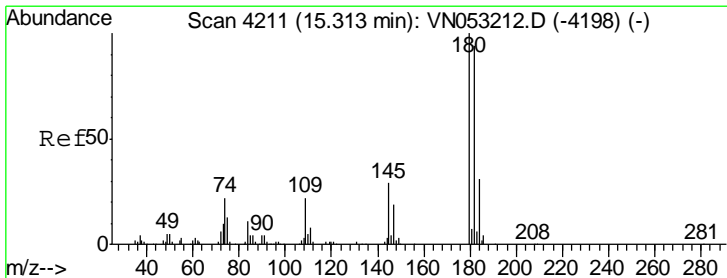
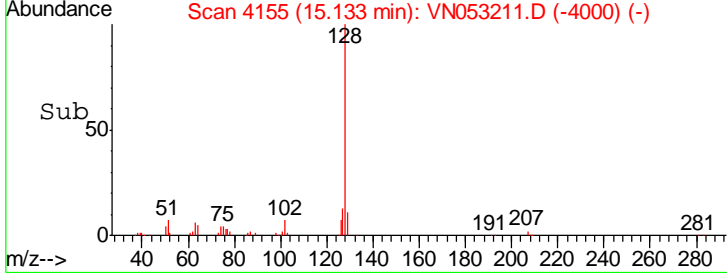
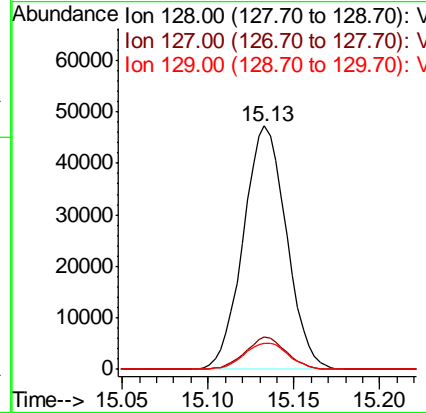
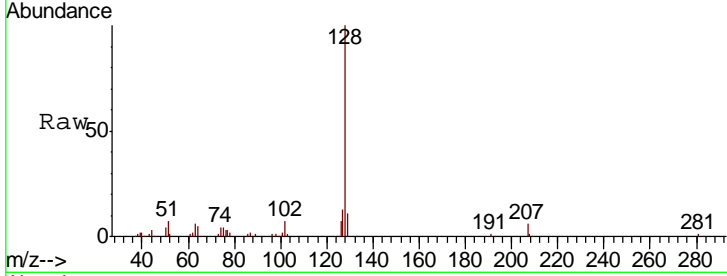
#91  
 Naphthalene  
 Concen: 4.123 ug/l  
 RT: 15.13 min Scan# 4155  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Instrument : MSVOA\_N  
 ClientSampled : VSTDIC005

Tgt Ion	Resp	Lower	Upper
128	100		
127	12.7	9.9	14.9
129	10.9	8.5	12.7

Manual Integrations  
 APPROVED

MMDadoda  
 1/2/2019 9:47:56 AM



#92  
 1,2,3-Trichlorobenzene  
 Concen: 4.135 ug/l  
 RT: 15.31 min Scan# 4211  
 Delta R.T. -0.00 min  
 Lab File: VN053211.D  
 Acq: 28 Dec 2018 8:28

Tgt Ion	Resp	Lower	Upper
180	100		
182	93.9	0.0	196.2
145	31.0	0.0	62.2

