

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\  
 Data File : VN050484.D  
 Acq On : 9 Aug 2018 14:37  
 Operator : MD\SY  
 Sample : VN0809WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_N  
**Client Sampled :**  
 VN0809WBSD01

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 8/10/2018 10:52:54 AM

Quant Time: Aug 10 05:16:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 05:22:15 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	729476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1085129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	993706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	519152	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	469563	48.18	ug/l	0.00
Spiked Amount				50.000		
Recovery						96.36%
35) Dibromofluoromethane	7.59	113	426918	49.03	ug/l	0.00
Spiked Amount				50.000		
Recovery						98.06%
50) Toluene-d8	10.09	98	1594563	48.71	ug/l	0.00
Spiked Amount				50.000		
Recovery						97.42%
62) 4-Bromofluorobenzene	12.40	95	536333	48.07	ug/l	0.00
Spiked Amount				50.000		
Recovery						96.14%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	150885	18.63	ug/l	99
3) Chloromethane	2.06	50	194689	19.45	ug/l	100
4) Vinyl Chloride	2.18	62	205151	19.57	ug/l	99
5) Bromomethane	2.56	94	110491	21.84	ug/l	96
6) Chloroethane	2.70	64	126717	19.62	ug/l	97
7) Trichlorofluoromethane	3.01	101	269642	19.92	ug/l	100
8) Diethyl Ether	3.41	74	96840	19.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	162344	19.41	ug/l	98
10) Methyl Iodide	3.95	142	78867	21.40	ug/l	98
11) Tert butyl alcohol	4.79	59	64692	82.62	ug/l	100
12) 1,1-Dichloroethene	3.73	96	152494	19.34	ug/l	98
13) Acrolein	3.61	56	54554	65.36	ug/l	96
14) Allyl chloride	4.32	41	232189	18.33	ug/l	98
15) Acrylonitrile	4.99	53	300962	91.77	ug/l	98
16) Acetone	3.82	43	265332	91.06	ug/l	100
17) Carbon Disulfide	4.05	76	446626	17.42	ug/l	99
18) Methyl Acetate	4.33	43	145640	19.16	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	442906	19.79	ug/l	98
20) Methylene Chloride	4.55	84	180085	19.31	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	167103	19.58	ug/l	94
22) Diisopropyl ether	5.96	45	514049	19.87	ug/l	98
23) Vinyl Acetate	5.90	43	1753355	94.98	ug/l	99
24) 1,1-Dichloroethane	5.85	63	307144	19.35	ug/l	99
25) 2-Butanone	6.84	43	420466	87.06	ug/l	98
26) 2,2-Dichloropropane	6.83	77	234790	17.94	ug/l	100
27) cis-1,2-Dichloroethene	6.84	96	190837	20.17	ug/l	97
28) Bromochloromethane	7.20	49	135392	18.53	ug/l	94
29) Tetrahydrofuran	7.22	42	225687	87.30	ug/l	98
30) Chloroform	7.37	83	318474	20.07	ug/l	98
31) Cyclohexane	7.66	56	263687	18.48	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	270478	19.84	ug/l	99
36) 1,1-Dichloropropene	7.79	75	236145	19.81	ug/l	99
37) Ethyl Acetate	6.94	43	156761	18.26	ug/l	99
38) Carbon Tetrachloride	7.78	117	239290	19.24	ug/l	100

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 ALS Vial : 10 Sample Multiplier: 1

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 Quant Title : SW846 8260  
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	240695	18.49	ug/l	99
40) Benzene	8.04	78	713214	19.46	ug/l	99
41) Methacrylonitrile	7.18	41	77759	17.03	ug/l	85
42) 1,2-Dichloroethane	8.13	62	225906	19.41	ug/l	98
43) Isopropyl Acetate	8.17	43	269663	18.19	ug/l	97
44) Trichloroethene	8.84	130	193745	19.67	ug/l	97
45) 1,2-Dichloropropane	9.12	63	184397	19.13	ug/l	98
46) Dibromomethane	9.21	93	114343	19.21	ug/l	97
47) Bromodichloromethane	9.40	83	237642	19.28	ug/l	100
48) Methyl methacrylate	9.20	41	133712	18.00	ug/l	98
49) 1,4-Dioxane	9.20	88	40016	349.45	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	959025	89.84	ug/l	99
52) Toluene	10.16	92	446948	20.30	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	238795	19.29	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	273922	19.83	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	167914	19.53	ug/l	98
56) Ethyl methacrylate	10.43	69	208448	18.26	ug/l	98
57) 1,3-Dichloropropane	10.71	76	276199	19.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	470983	88.00	ug/l	98
59) 2-Hexanone	10.75	43	643798	86.42	ug/l	98
60) Dibromochloromethane	10.90	129	183906	19.42	ug/l	99
61) 1,2-Dibromoethane	11.01	107	163096	19.25	ug/l	98
64) Tetrachloroethene	10.63	164	184472	19.87	ug/l	98
65) Chlorobenzene	11.44	112	488764	19.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180243	19.88	ug/l	99
67) Ethyl Benzene	11.51	91	813765	20.21	ug/l	99
68) m/p-Xylenes	11.62	106	646494	42.17	ug/l	99
69) o-Xylene	11.95	106	307391	20.82	ug/l	98
70) Styrene	11.97	104	497833	20.73	ug/l	99
71) Bromoform	12.13	173	130001	19.62	ug/l #	99
73) Isopropylbenzene	12.25	105	811139	20.81	ug/l	100
74) N-amyl acetate	12.07	43	225823	17.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	213612	19.00	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	177740m	18.91	ug/l	
77) Bromobenzene	12.53	156	214815	20.58	ug/l	98
78) n-propylbenzene	12.59	91	912116	20.68	ug/l	99
79) 2-Chlorotoluene	12.68	91	565255	20.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	664846	21.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	49677	18.57	ug/l	98
82) 4-Chlorotoluene	12.77	91	566108	20.84	ug/l	99
83) tert-Butylbenzene	12.99	119	578673	20.97	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	684083	21.35	ug/l	100
85) sec-Butylbenzene	13.17	105	748070	20.34	ug/l	100
86) p-Isopropyltoluene	13.29	119	644931	20.46	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	375146	20.17	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	368166	19.83	ug/l	99
89) n-Butylbenzene	13.62	91	496762	18.51	ug/l	100
90) Hexachloroethane	13.88	117	107654	19.21	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	371046	19.91	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32868	17.22	ug/l	99

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 ClientSampleId :  
 VN0809WBSD01

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	171781	18.09	ug/l	98
94) Hexachlorobutadiene	15.01	225	110181	20.27	ug/l	99
95) Naphthalene	15.14	128	370160	17.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	167544	17.45	ug/l	100

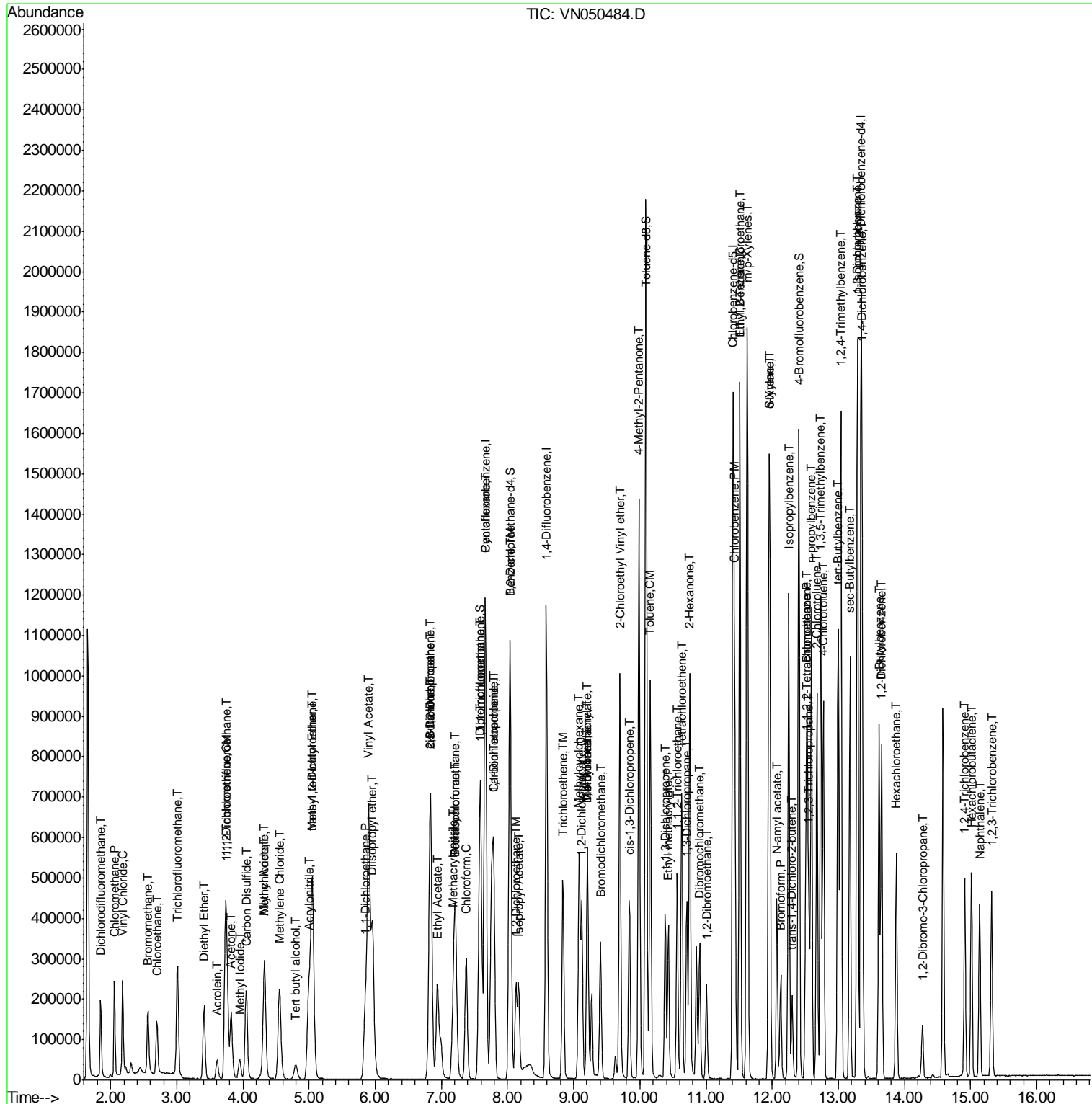
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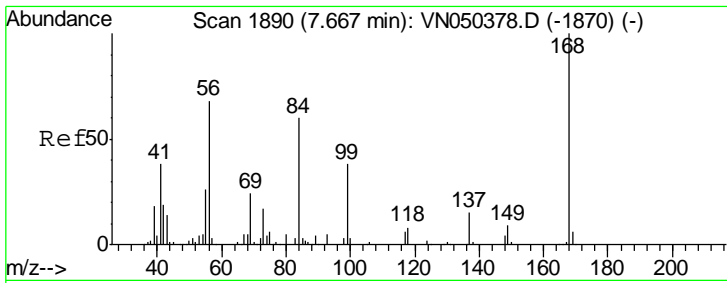
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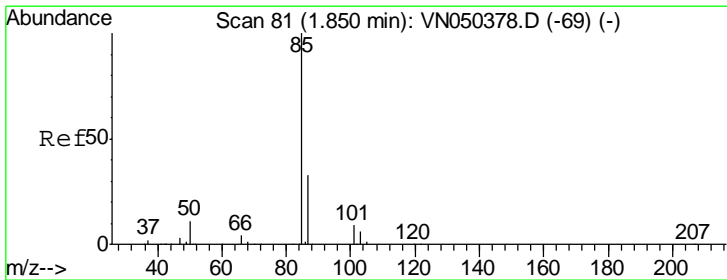
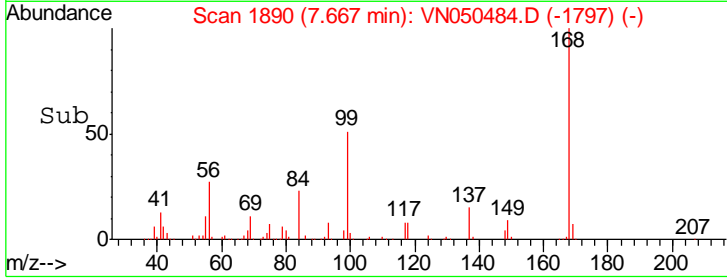
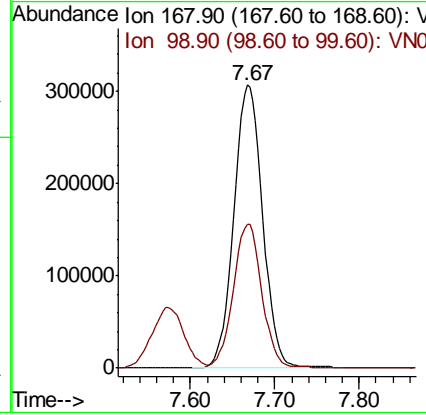
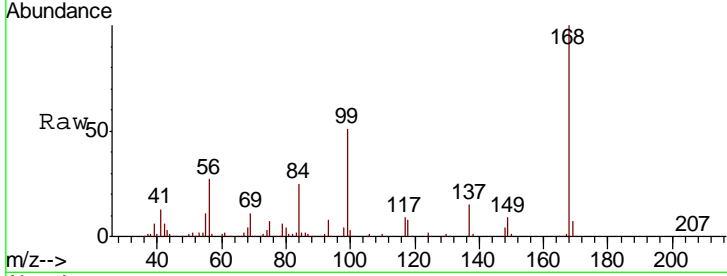
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 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.67 min Scan# 1890  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
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 ClientSampled :  
 VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
168	100		
99	50.8	40.0	60.0

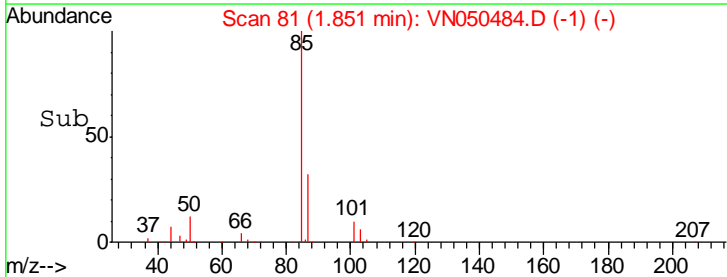
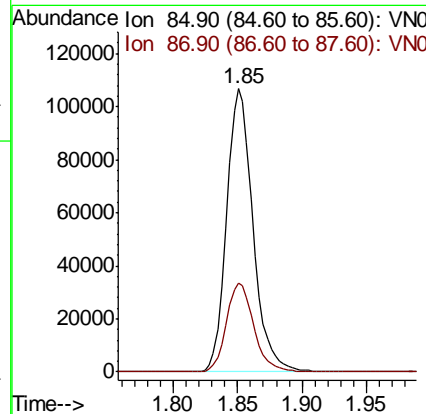
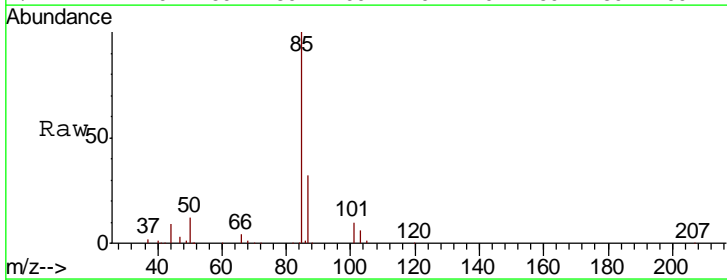
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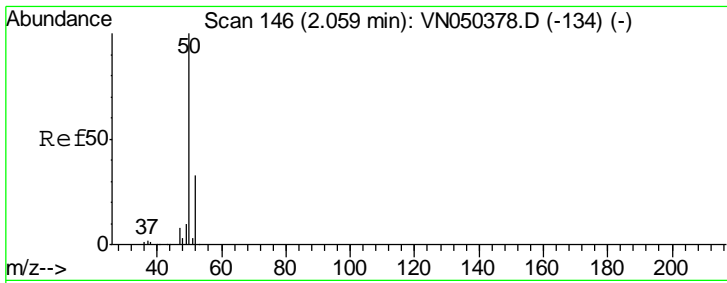
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#2  
 Dichlorodifluoromethane  
 Concen: 18.63 ug/l  
 RT: 1.85 min Scan# 81  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
85	100		
87	31.5	16.1	48.3





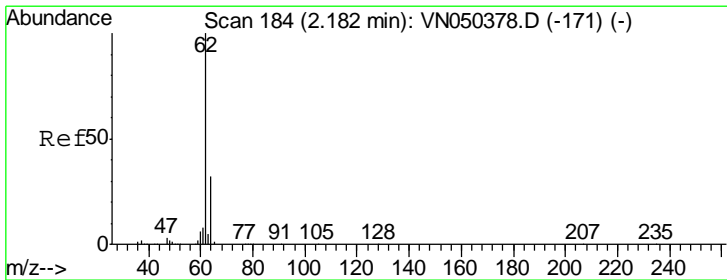
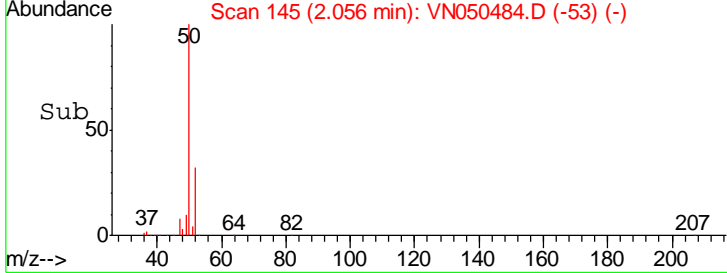
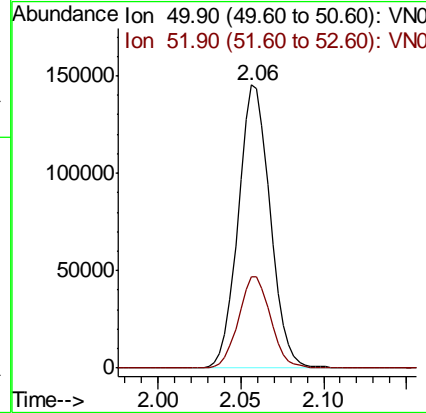
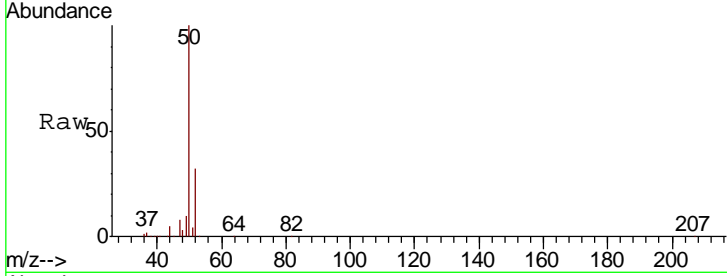
#3  
 Chloromethane  
 Concen: 19.45 ug/l  
 RT: 2.06 min Scan# 145  
 Delta R.T. -0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument :  
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Tgt Ion	Resp	Lower	Upper
50	194689		
52	32.2	25.9	38.9

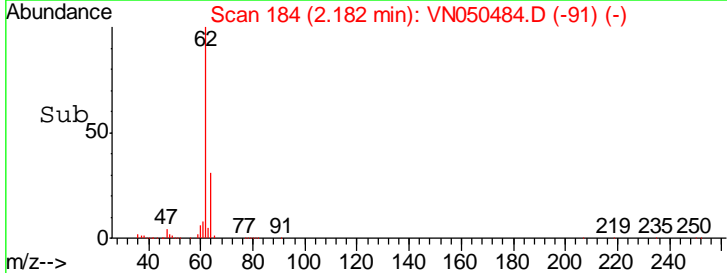
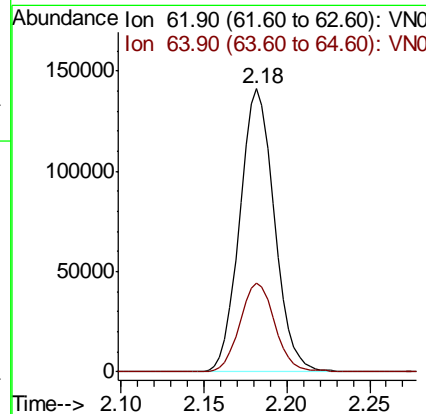
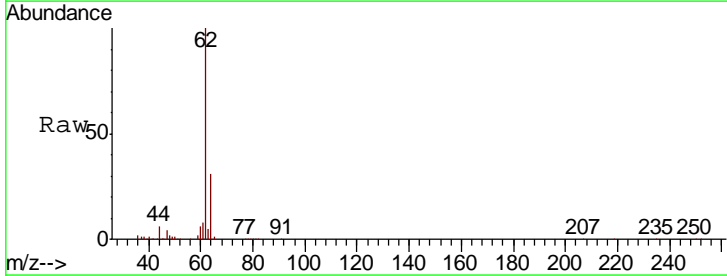
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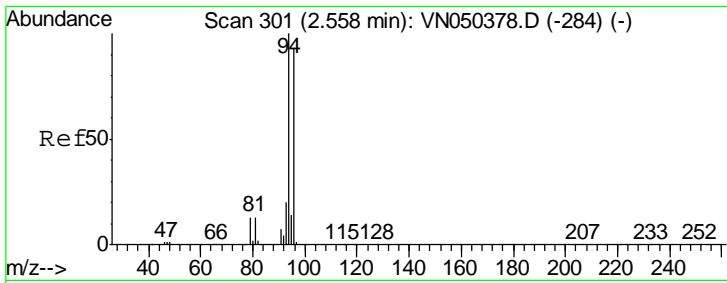
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#4  
 Vinyl Chloride  
 Concen: 19.57 ug/l  
 RT: 2.18 min Scan# 184  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
62	205151		
64	31.4	24.7	37.1



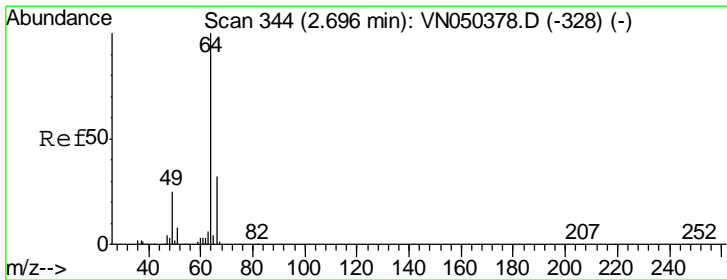
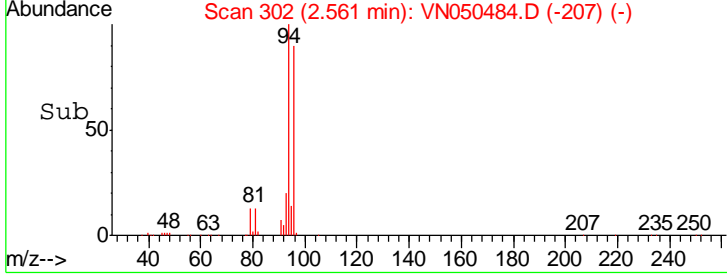
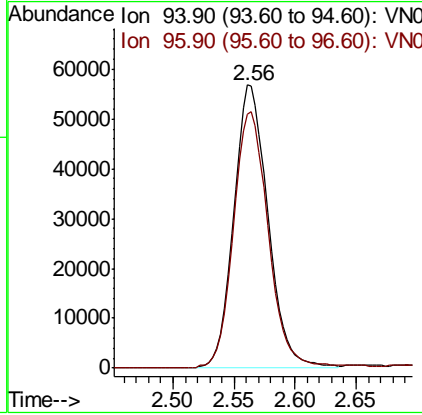
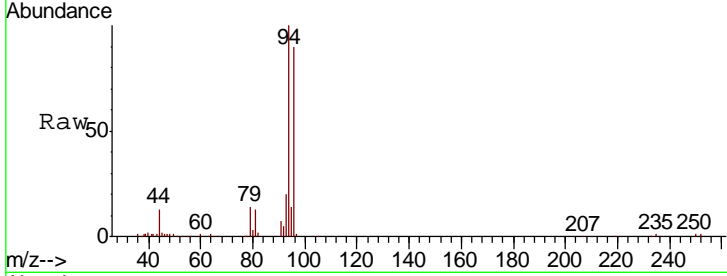


#5  
 Bromomethane  
 Concen: 21.84 ug/l  
 RT: 2.56 min Scan# 302  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
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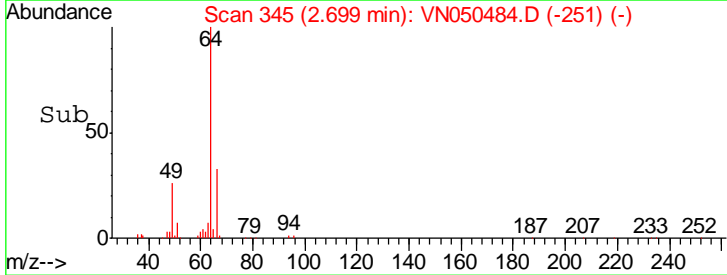
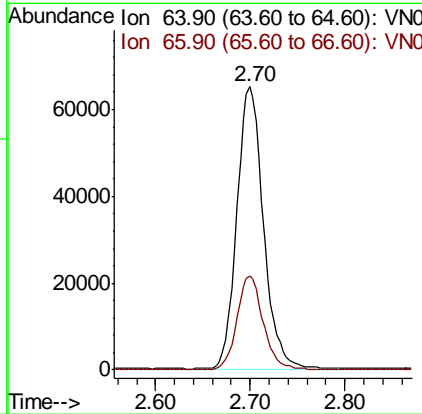
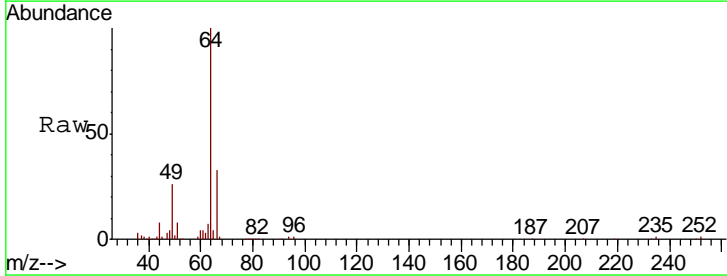
Tgt Ion	Resp	Lower	Upper
94	110491		
96	89.4	74.6	112.0

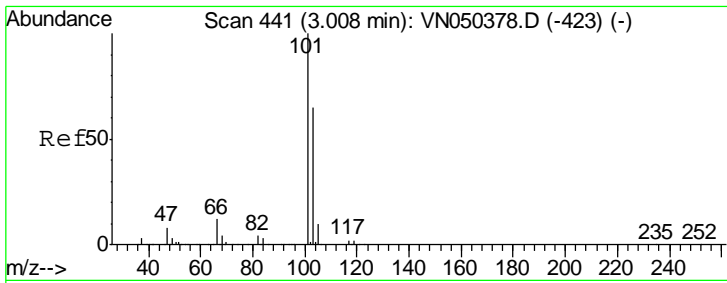
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#6  
 Chloroethane  
 Concen: 19.62 ug/l  
 RT: 2.70 min Scan# 345  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
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Tgt Ion	Resp	Lower	Upper
64	126717		
66	33.4	25.3	37.9





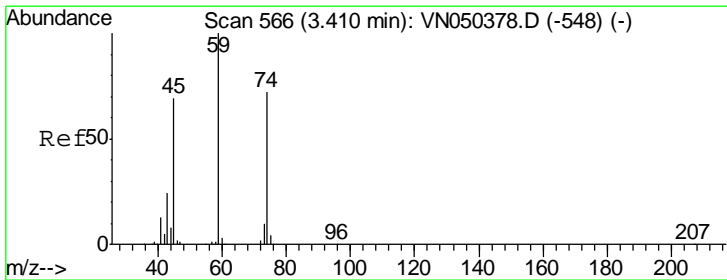
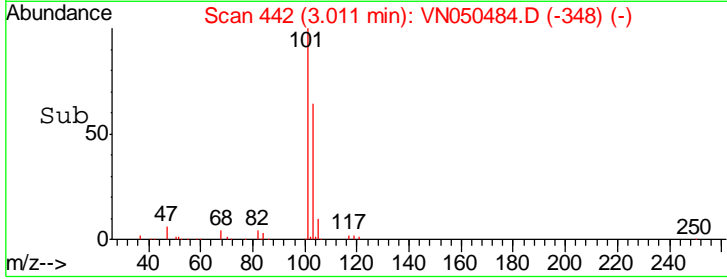
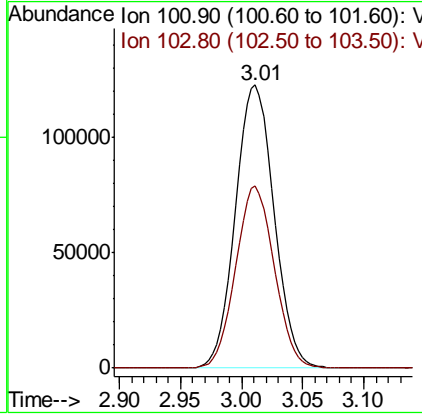
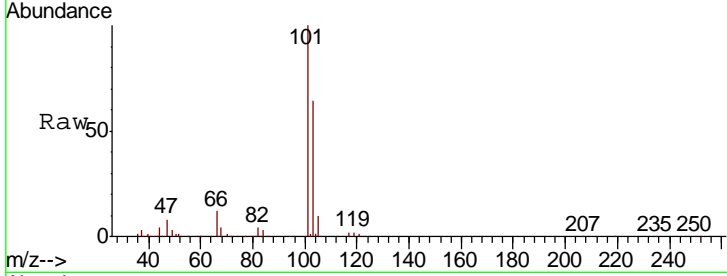
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 Trichlorofluoromethane  
 Concen: 19.92 ug/l  
 RT: 3.01 min Scan# 442  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
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Tgt Ion	Resp	Lower	Upper
101	269642		
103	64.4	51.7	77.5

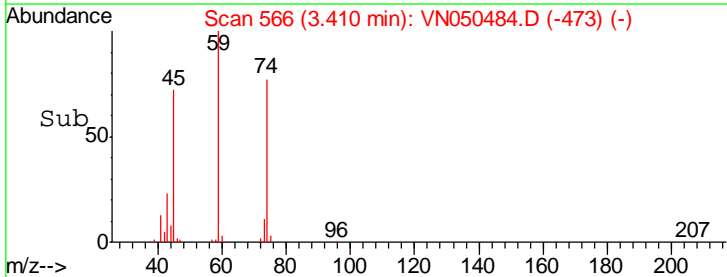
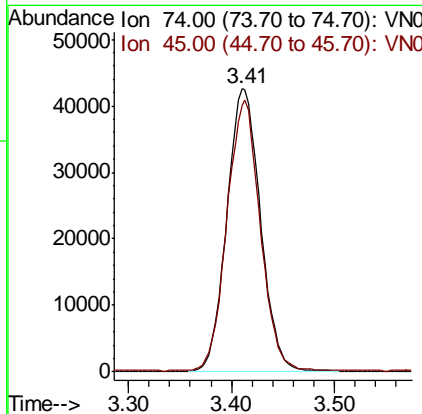
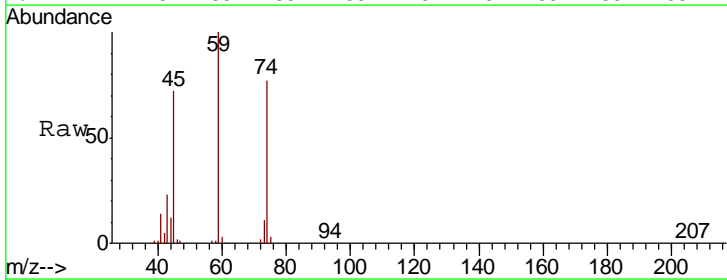
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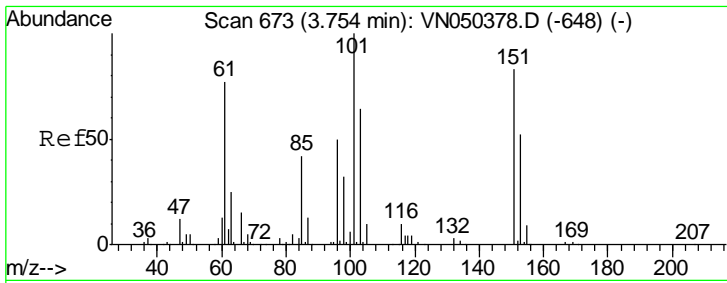


#8  
 Diethyl Ether  
 Concen: 19.51 ug/l  
 RT: 3.41 min Scan# 566  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
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Tgt Ion	Resp	Lower	Upper
74	96840		
45	94.1	47.6	142.8







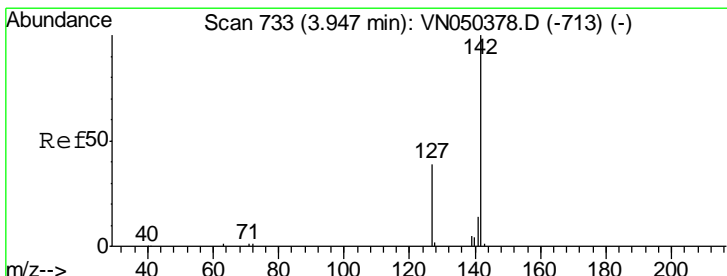
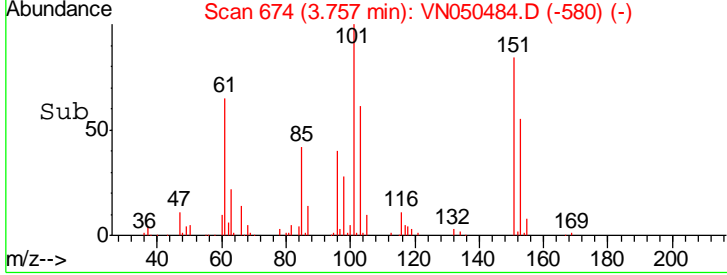
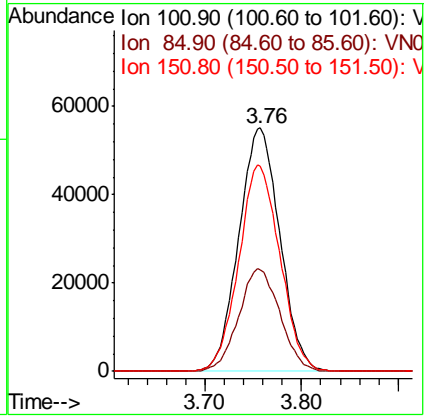
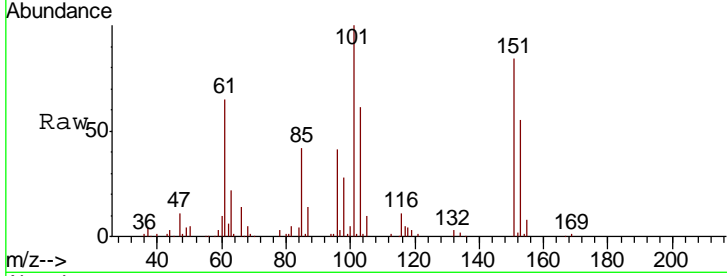
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.41 ug/l  
 RT: 3.76 min Scan# 674  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
101	162344		
101	100		
85	42.3	34.2	51.2
151	85.0	66.3	99.5

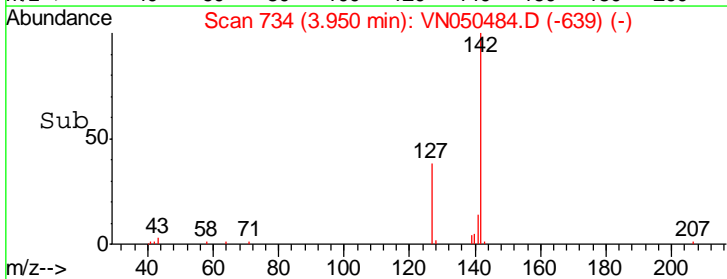
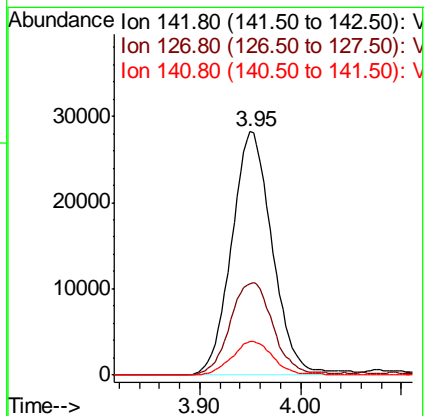
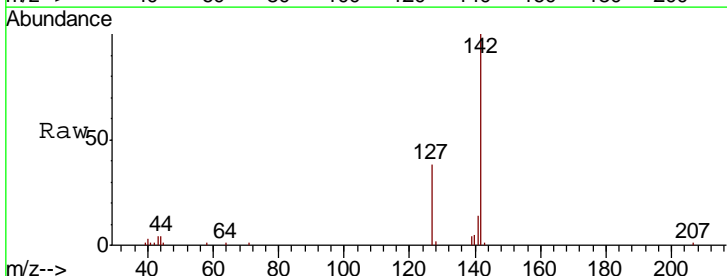
Manual Integrations  
 APPROVED

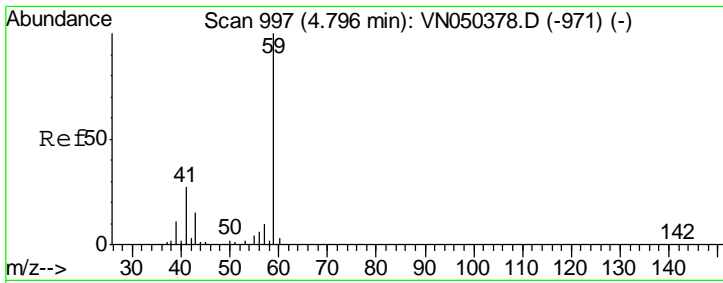
MMDadoda  
 8/10/2018 10:52:54 AM



#10  
 Methyl Iodide  
 Concen: 21.40 ug/l  
 RT: 3.95 min Scan# 734  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
142	78867		
142	100		
127	40.1	33.4	50.2
141	14.1	11.6	17.4



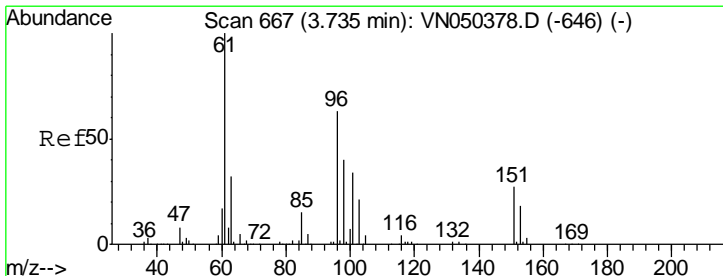
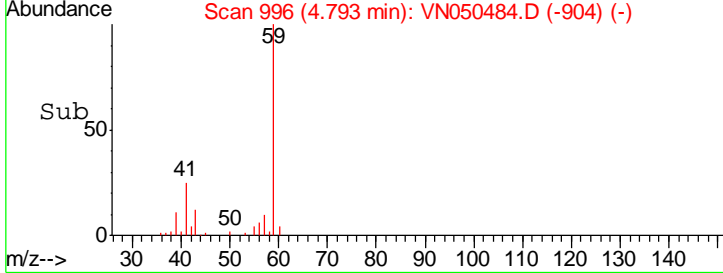
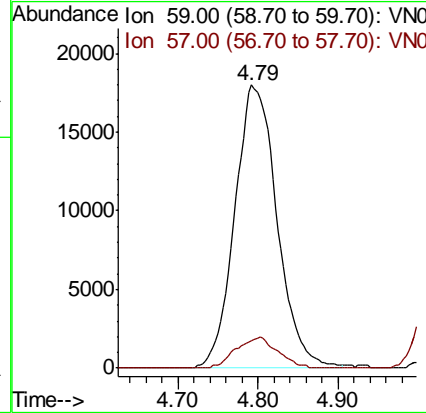
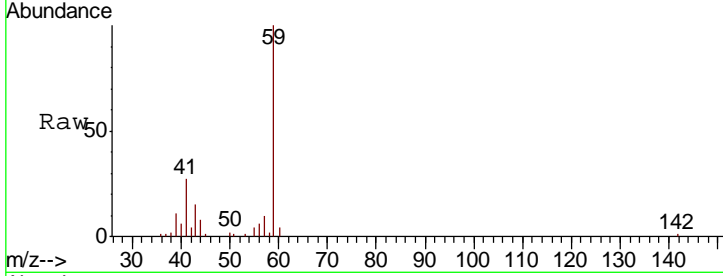


#11  
 Tert butyl alcohol  
 Concen: 82.62 ug/l  
 RT: 4.79 min Scan# 996  
 Delta R.T. -0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

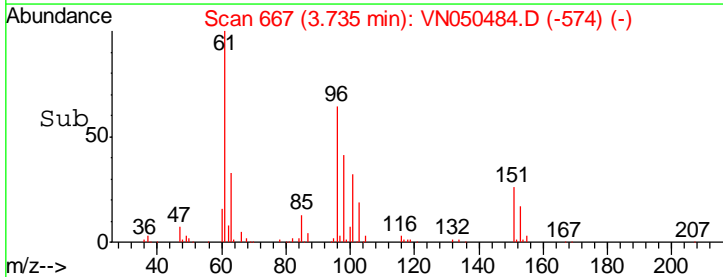
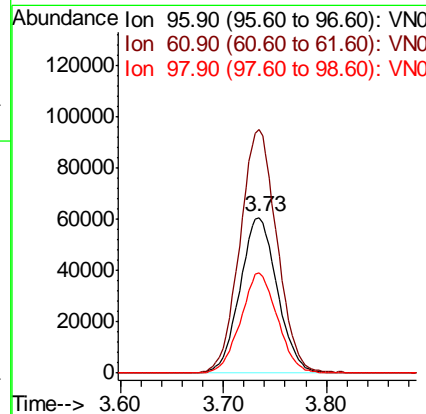
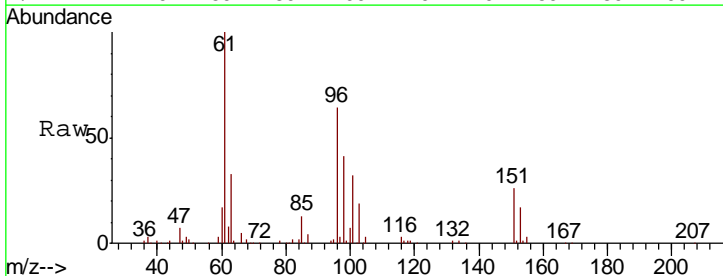
Tgt Ion	Resp	Lower	Upper
59	100		
57	10.8	8.5	12.7

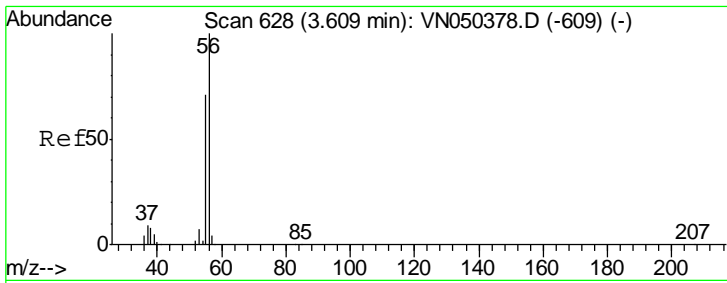
Manual Integrations  
**APPROVED**  
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 8/10/2018 10:52:54 AM



#12  
 1,1-Dichloroethene  
 Concen: 19.34 ug/l  
 RT: 3.73 min Scan# 667  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
96	100		
61	156.6	124.4	186.6
98	64.6	48.3	72.5





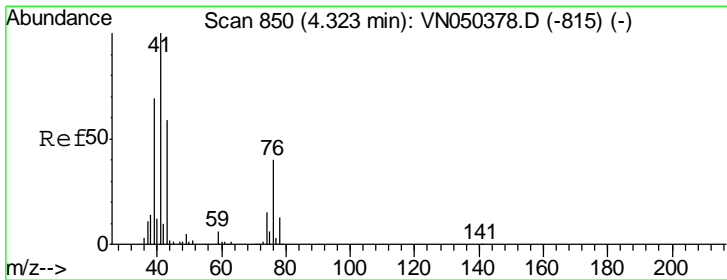
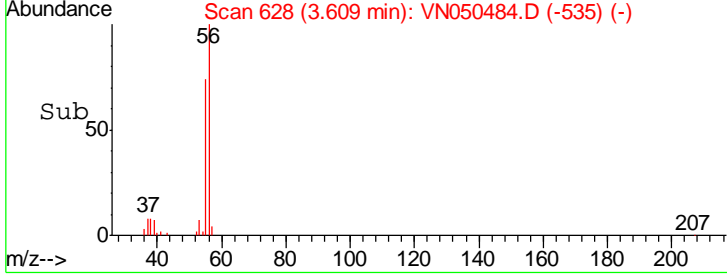
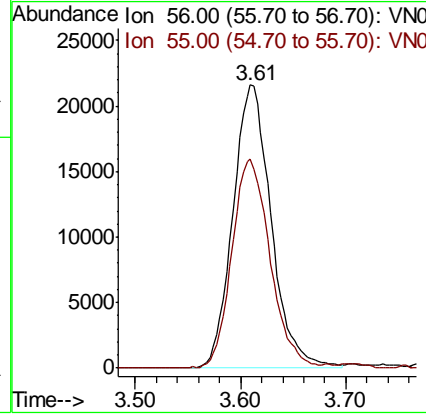
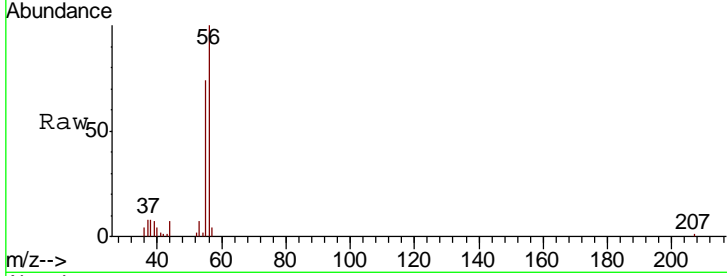
#13  
 Acrolein  
 Concen: 65.36 ug/l  
 RT: 3.61 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
56	100		
55	73.3	55.8	83.6

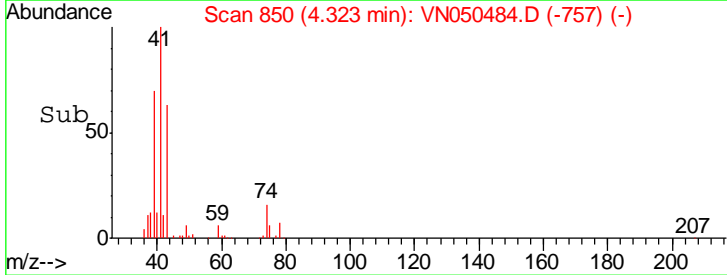
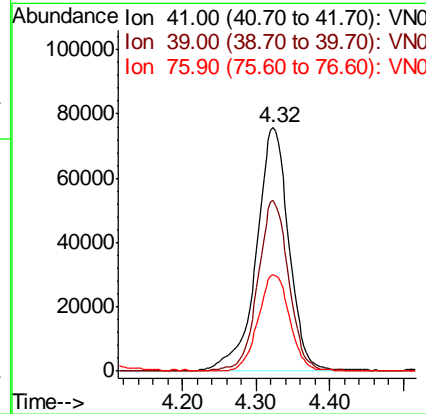
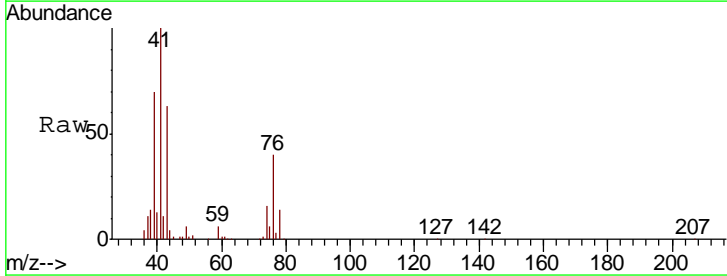
Manual Integrations  
 APPROVED

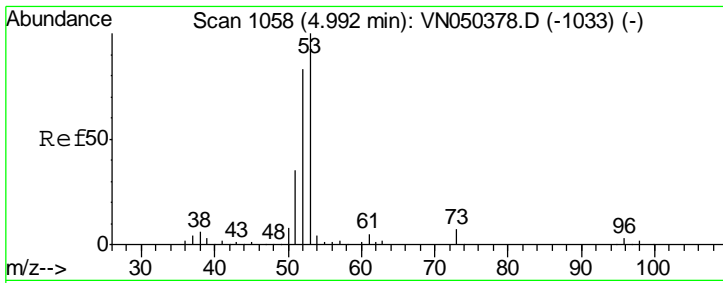
MMDadoda  
 8/10/2018 10:52:54 AM



#14  
 Allyl chloride  
 Concen: 18.33 ug/l  
 RT: 4.32 min Scan# 850  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
41	100		
39	66.6	54.2	81.4
76	37.7	29.0	43.6



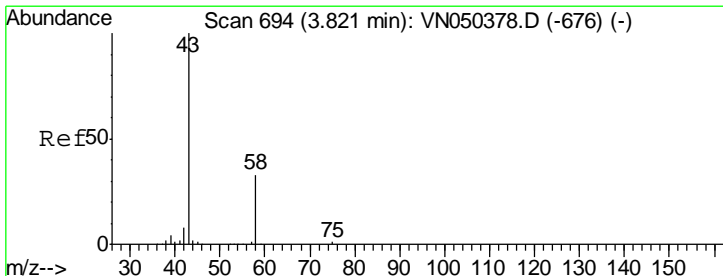
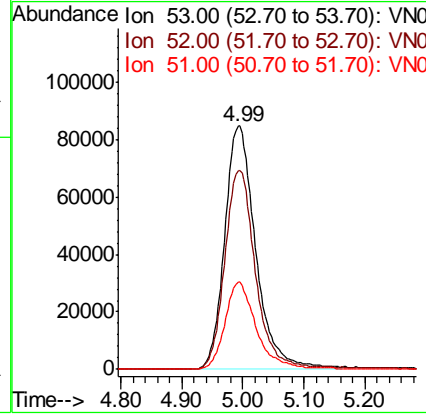
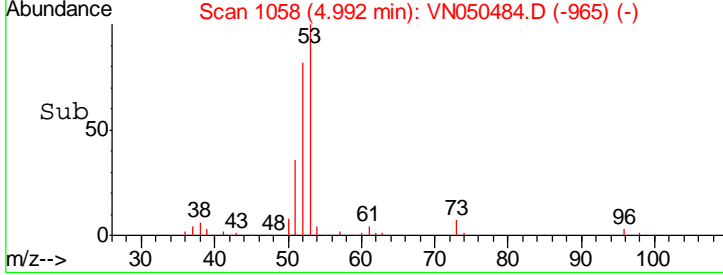
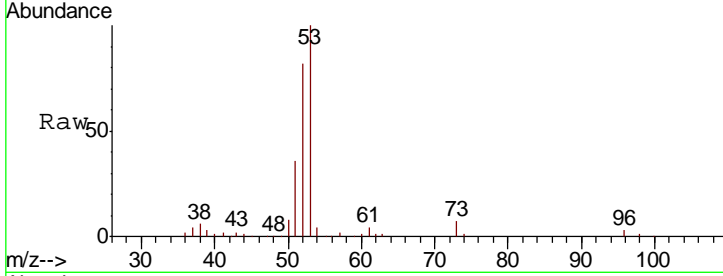


#15  
 Acrylonitrile  
 Concen: 91.77 ug/l  
 RT: 4.99 min Scan# 1058  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
53	100		
52	80.4	66.2	99.2
51	36.0	29.3	43.9

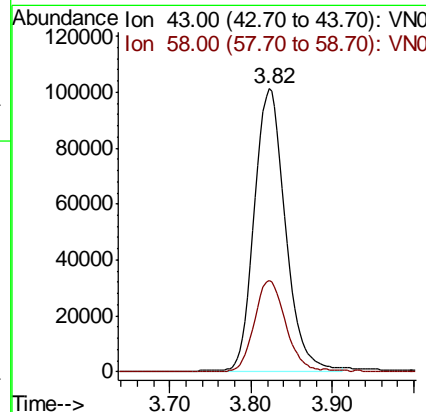
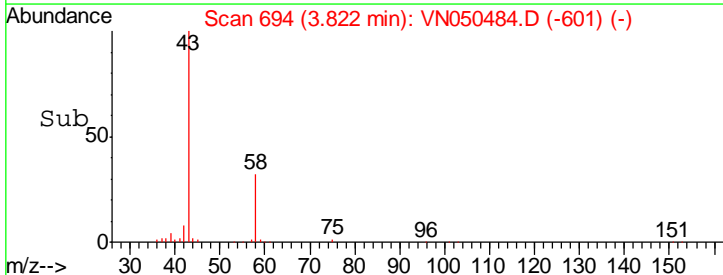
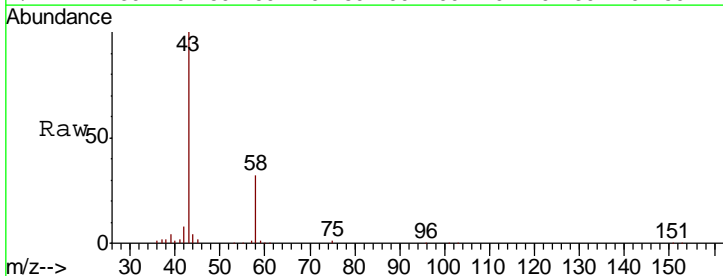
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0809WBSD01

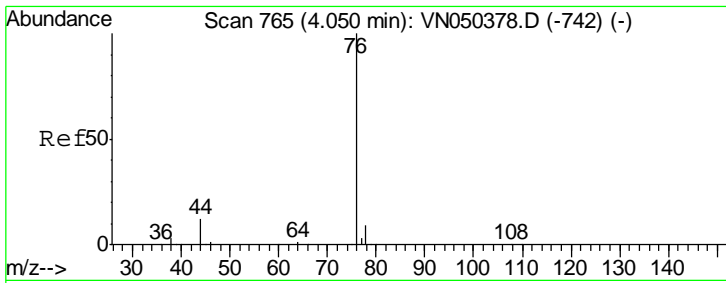
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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#16  
 Acetone  
 Concen: 91.06 ug/l  
 RT: 3.82 min Scan# 694  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
43	100		
58	32.2	25.8	38.8



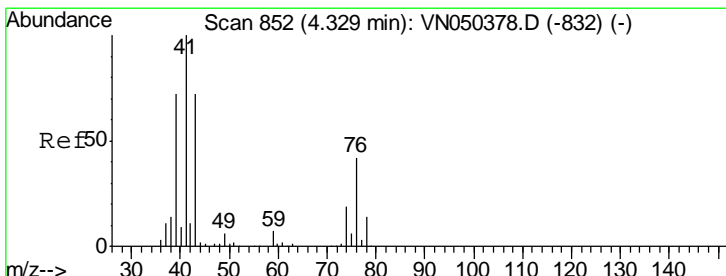
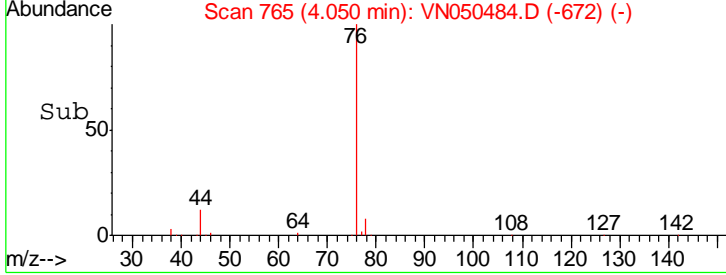
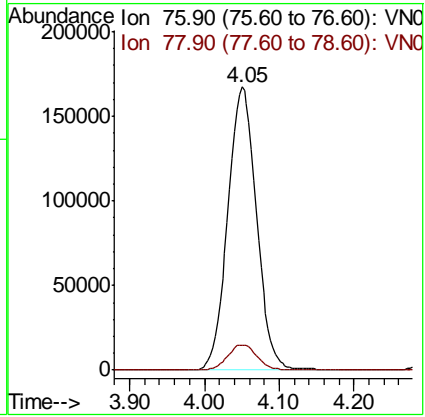
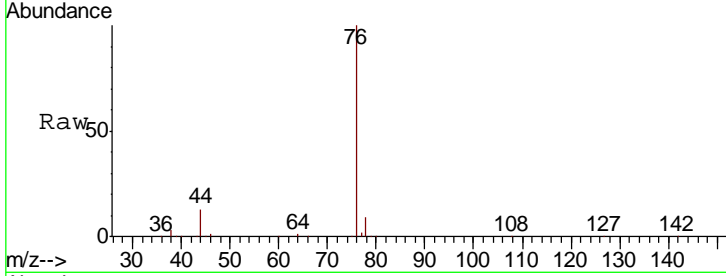


#17  
 Carbon Disulfide  
 Concen: 17.42 ug/l  
 RT: 4.05 min Scan# 765  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0809WBSD01

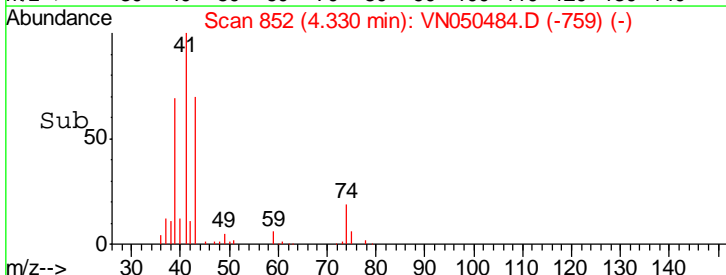
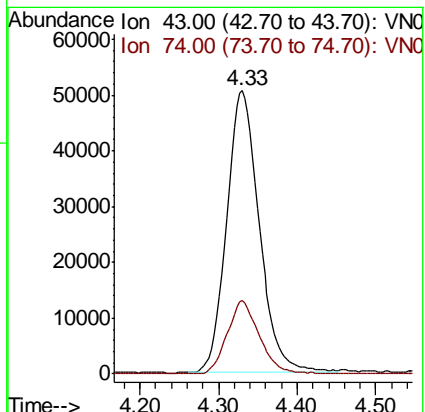
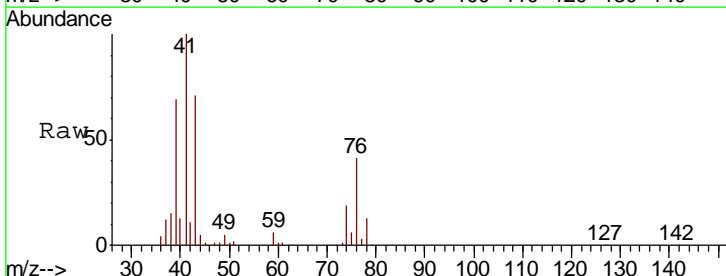
Tgt Ion	Resp	Lower	Upper
76	100		
78	8.7	7.3	10.9

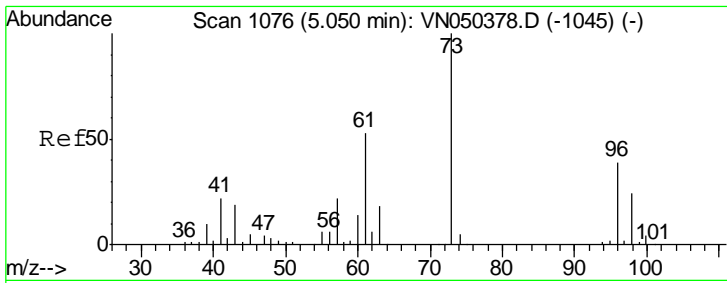
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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#18  
 Methyl Acetate  
 Concen: 19.16 ug/l  
 RT: 4.33 min Scan# 852  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
43	100		
74	25.6	19.2	28.8





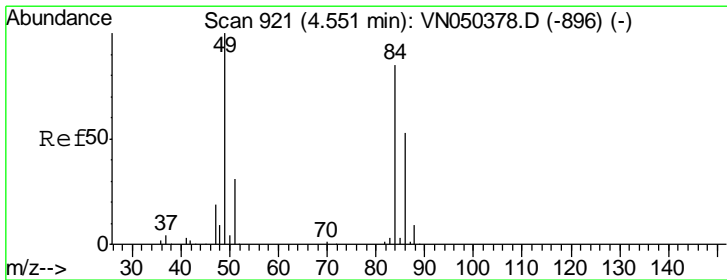
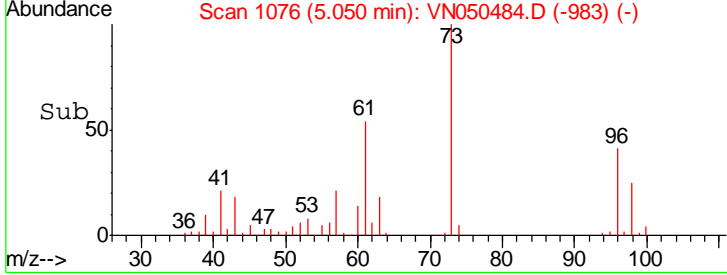
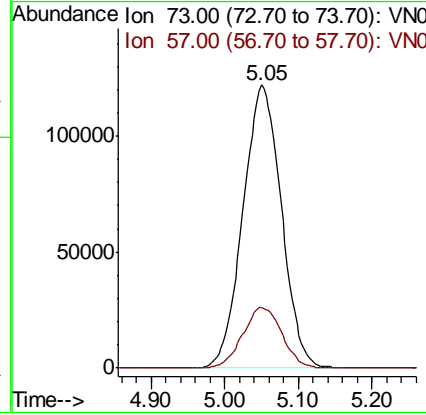
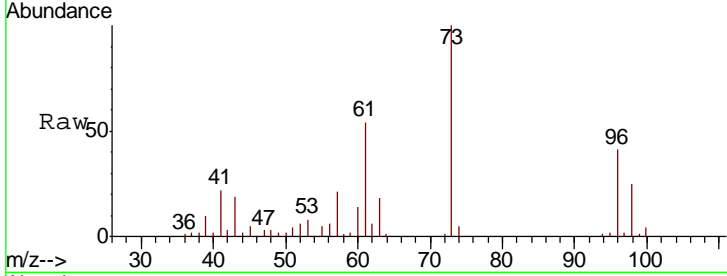
#19  
 Methyl tert-butyl Ether  
 Concen: 19.79 ug/l  
 RT: 5.05 min Scan# 1076  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
73	100		
57	21.4	18.0	27.0

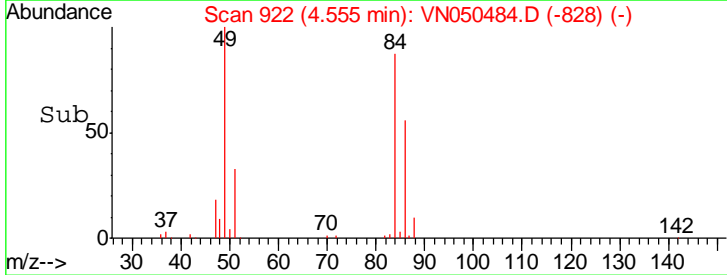
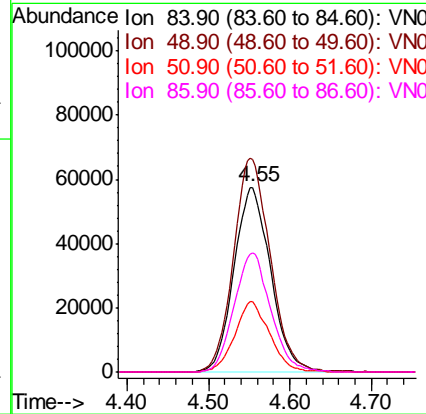
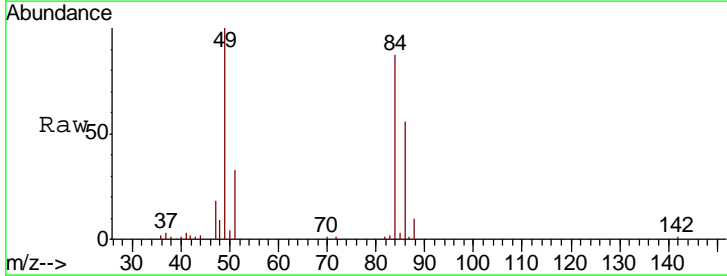
Manual Integrations  
 APPROVED

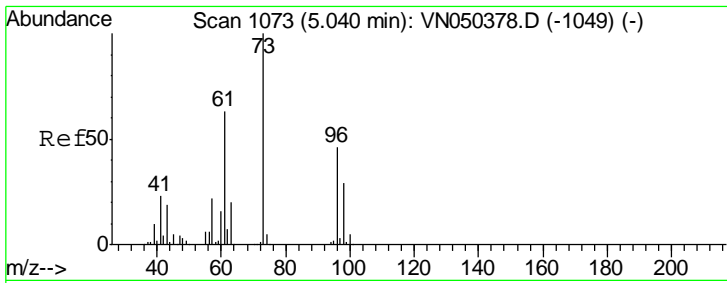
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 8/10/2018 10:52:54 AM



#20  
 Methylene Chloride  
 Concen: 19.31 ug/l  
 RT: 4.55 min Scan# 922  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
84	100		
49	114.9	94.8	142.2
51	37.8	28.3	42.5
86	64.6	51.0	76.6





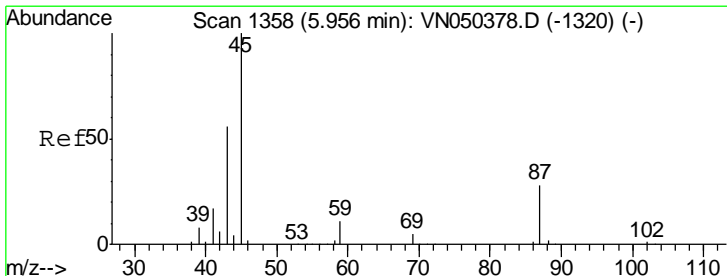
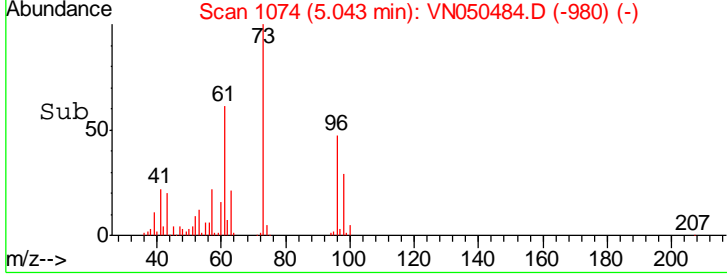
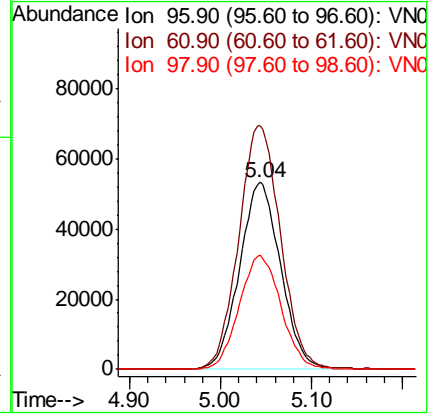
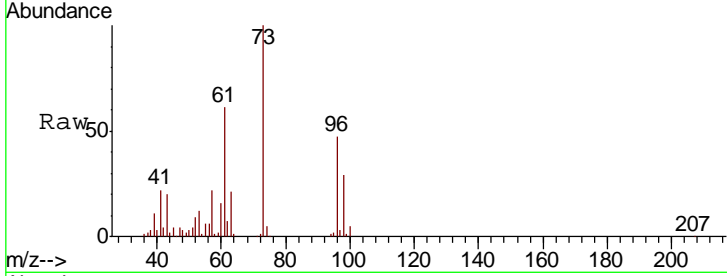
#21  
 trans-1,2-Dichloroethene  
 Concen: 19.58 ug/l  
 RT: 5.04 min Scan# 1074  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
96	167103		
61	129.6	110.7	166.1
98	60.9	51.6	77.4

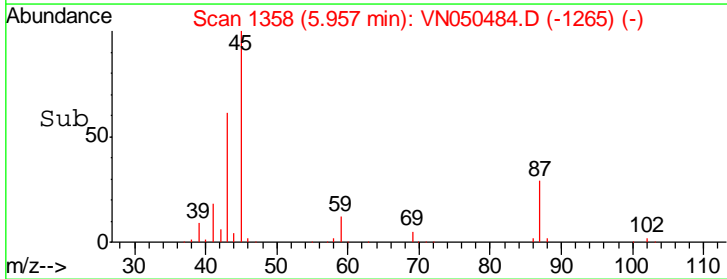
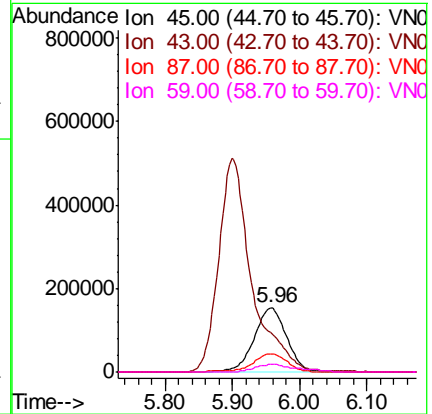
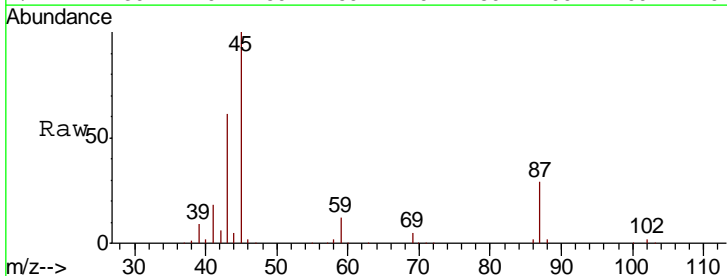
**Manual Integrations**  
**APPROVED**

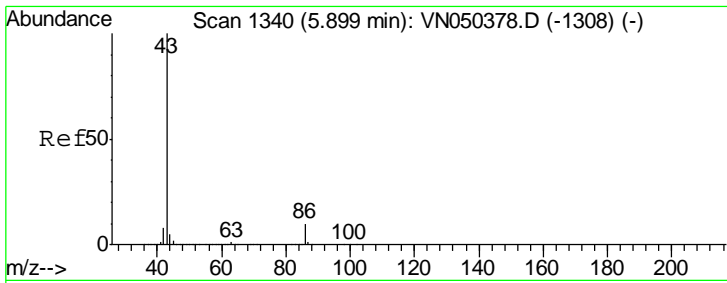
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#22  
 Diisopropyl ether  
 Concen: 19.87 ug/l  
 RT: 5.96 min Scan# 1358  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
45	514049		
43	59.7	45.7	68.5
87	28.5	22.7	34.1
59	11.4	9.5	14.3





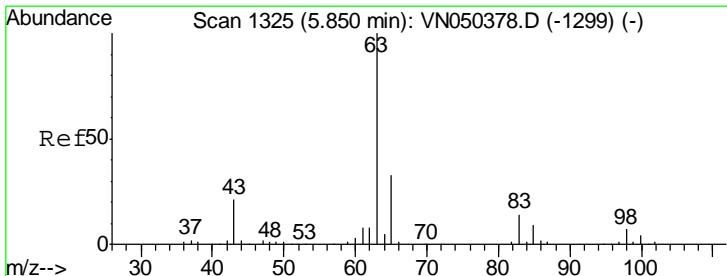
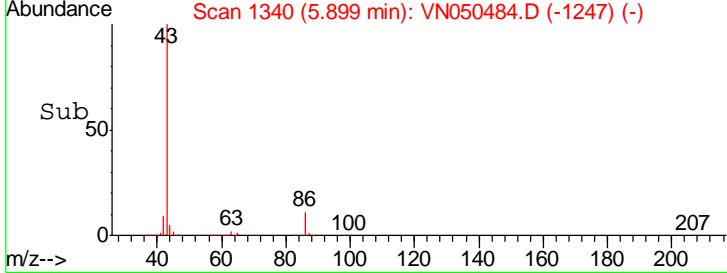
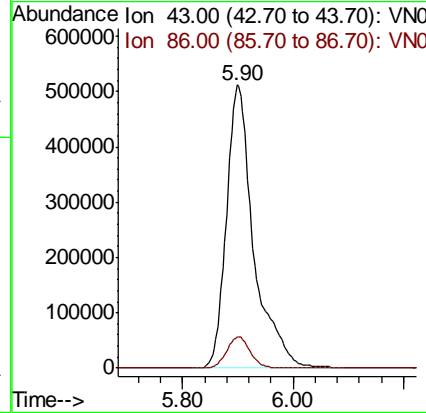
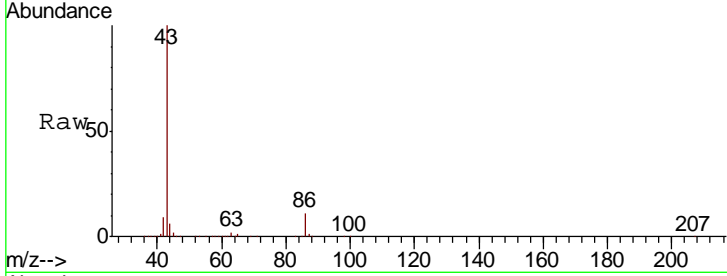
#23  
 Vinyl Acetate  
 Concen: 94.98 ug/l  
 RT: 5.90 min Scan# 1340  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0809WBSD01

Tgt Ion: 43 Resp: 1753355

Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.6	13.0

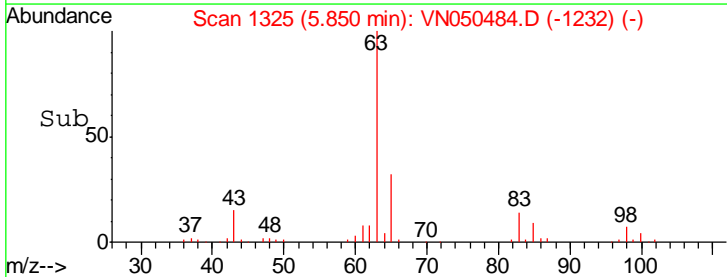
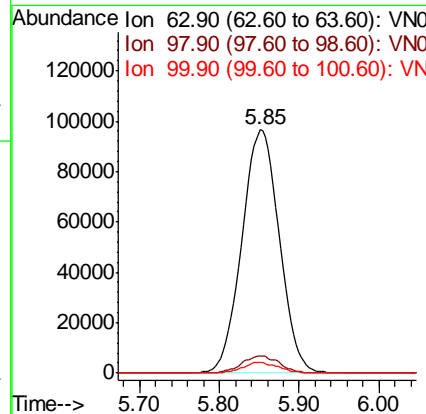
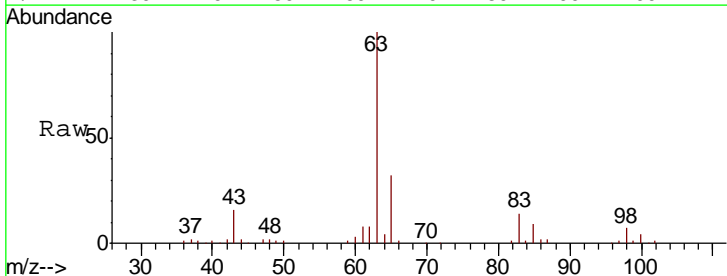
**Manual Integrations**  
**APPROVED**  
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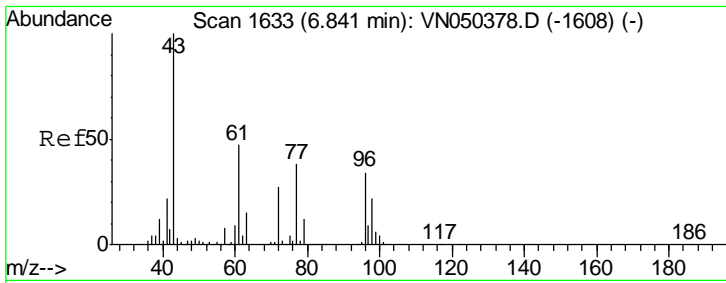
#24  
 1,1-Dichloroethane  
 Concen: 19.35 ug/l  
 RT: 5.85 min Scan# 1325  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion: 63 Resp: 307144

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.8
100	4.3	2.1	6.3





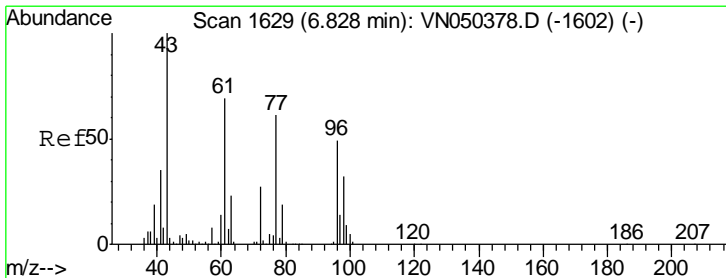
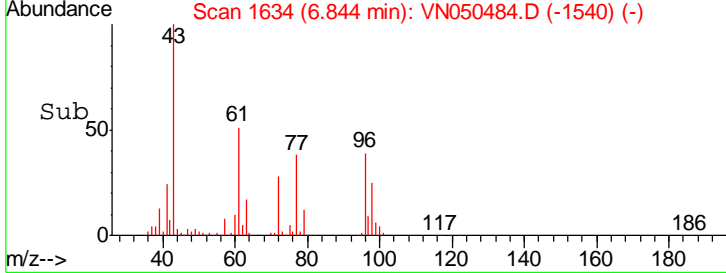
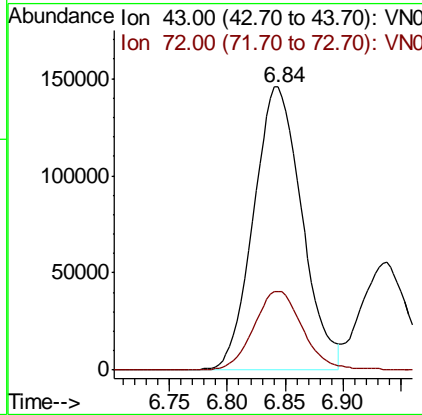
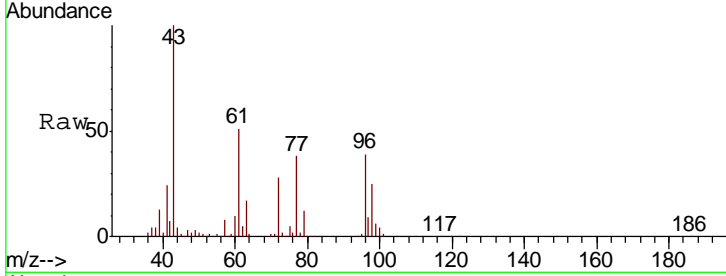


#25  
 2-Butanone  
 Concen: 87.06 ug/l  
 RT: 6.84 min Scan# 1634  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

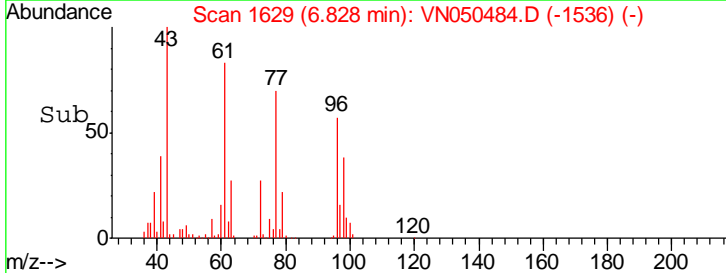
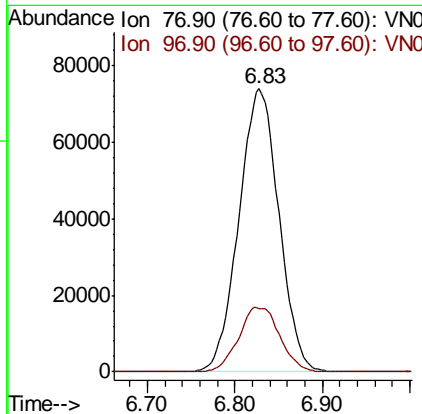
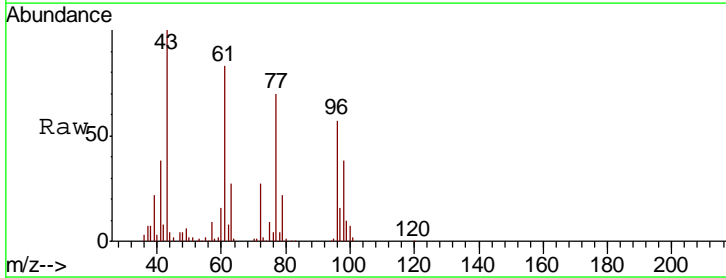
Tgt Ion	Resp	Lower	Upper
43	100		
72	28.0	21.5	32.3

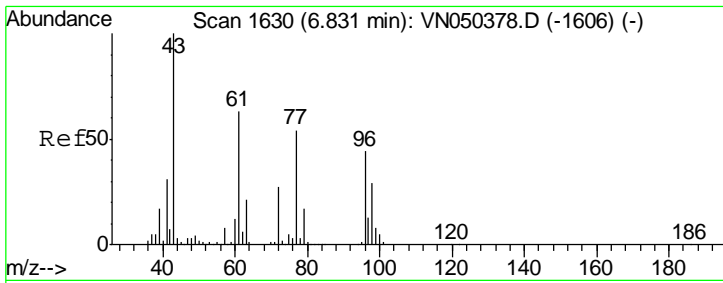
Manual Integrations  
**APPROVED**  
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#26  
 2,2-Dichloropropane  
 Concen: 17.94 ug/l  
 RT: 6.83 min Scan# 1629  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
77	100		
97	23.5	11.8	35.3





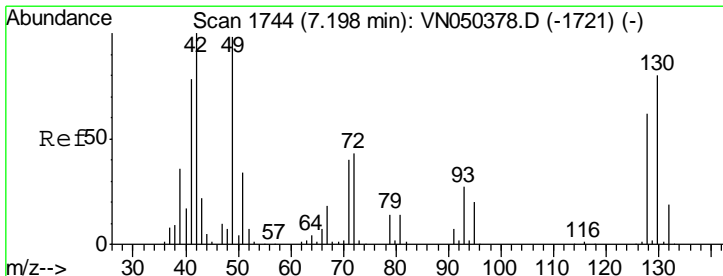
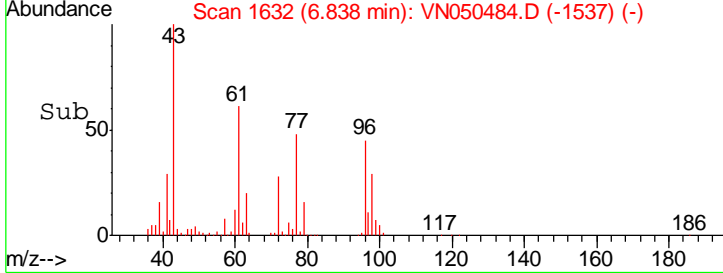
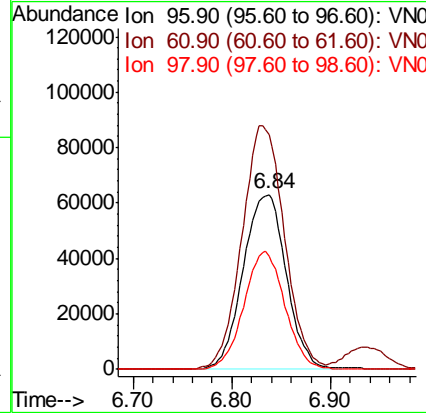
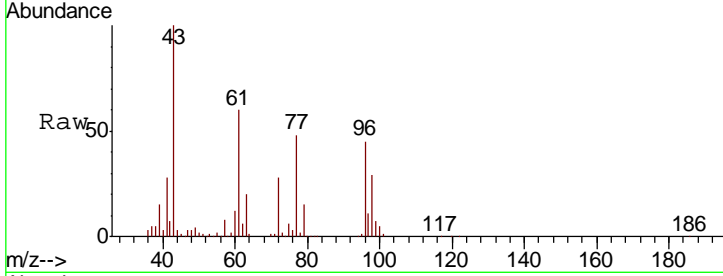
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.17 ug/l  
 RT: 6.84 min Scan# 1632  
 Delta R.T. 0.01 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
96	190837		
96	100		
61	137.6	0.0	285.0
98	64.3	0.0	129.2

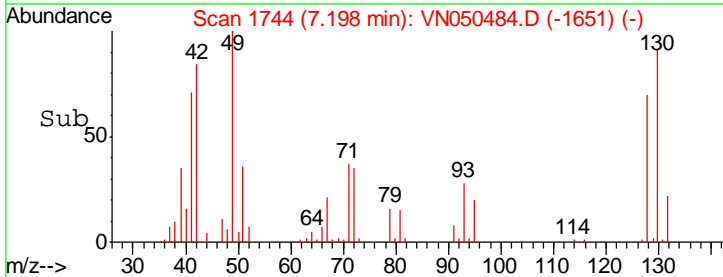
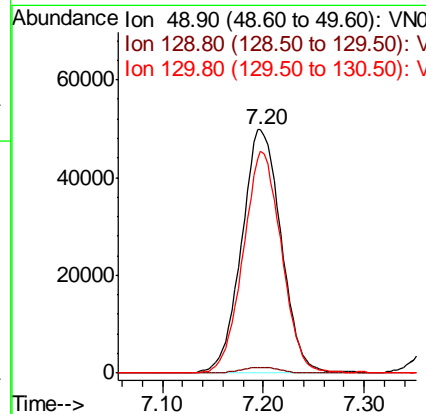
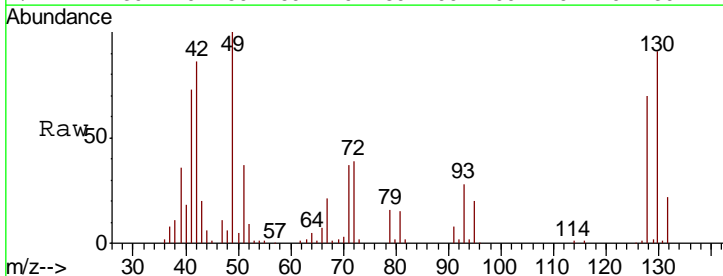
Manual Integrations  
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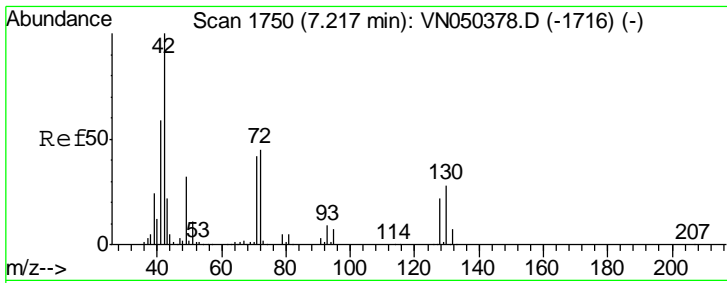
MMDadoda  
 8/10/2018 10:52:54 AM



#28  
 Bromochloromethane  
 Concen: 18.53 ug/l  
 RT: 7.20 min Scan# 1744  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
49	135392		
49	100		
129	2.3	0.0	4.0
130	88.3	66.3	99.5





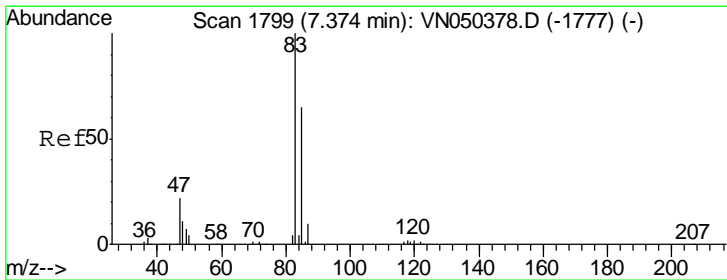
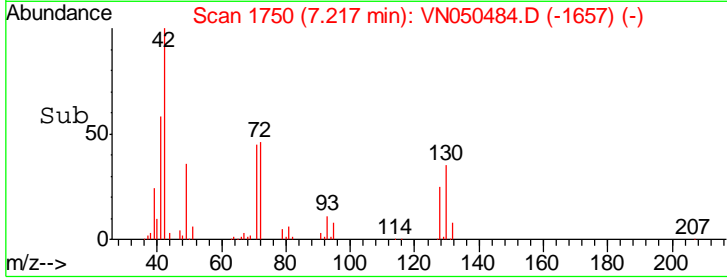
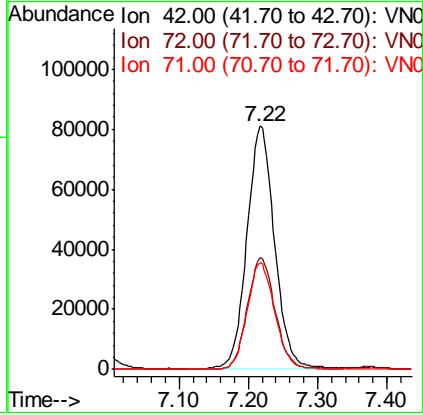
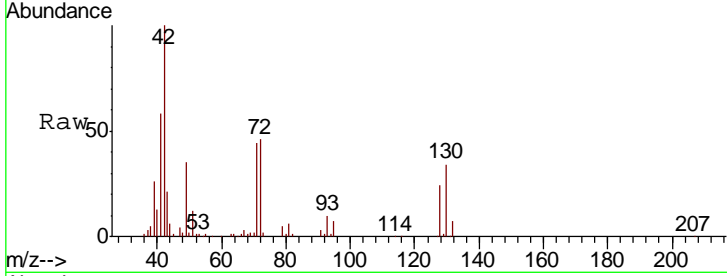
#29  
 Tetrahydrofuran  
 Concen: 87.30 ug/l  
 RT: 7.22 min Scan# 1750  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
42	100		
72	45.5	35.9	53.9
71	43.5	33.7	50.5

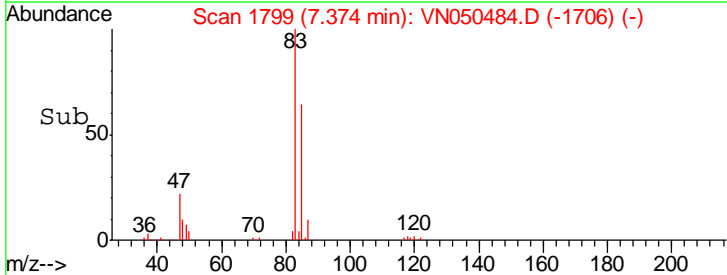
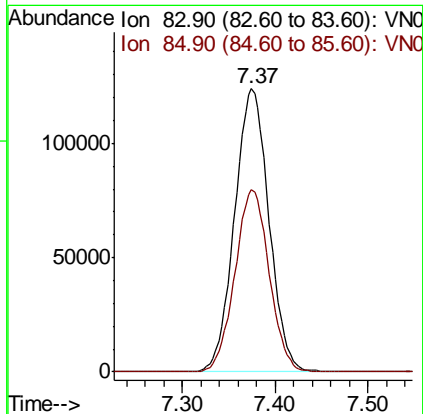
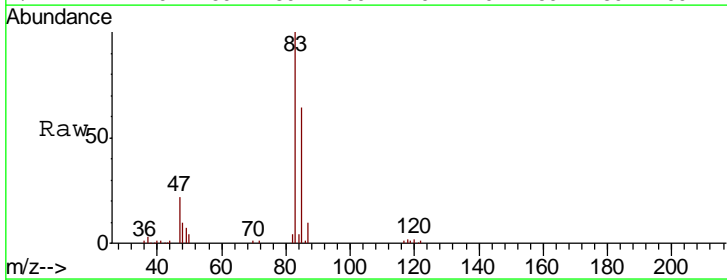
Manual Integrations  
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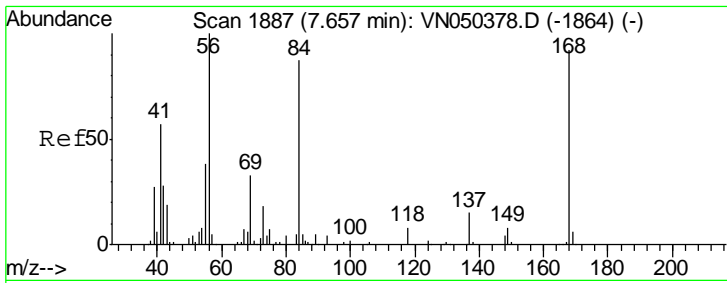
MMDadoda  
 8/10/2018 10:52:54 AM



#30  
 Chloroform  
 Concen: 20.07 ug/l  
 RT: 7.37 min Scan# 1799  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
83	100		
85	64.2	52.5	78.7





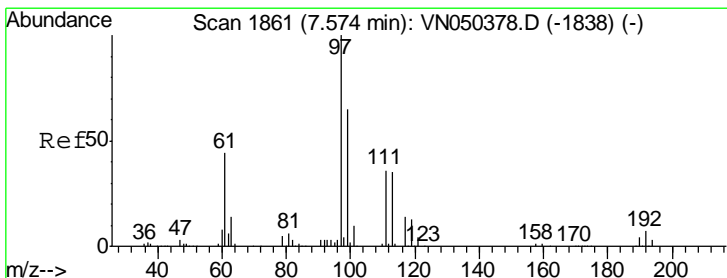
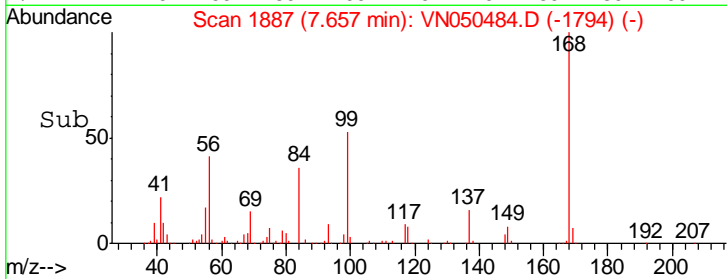
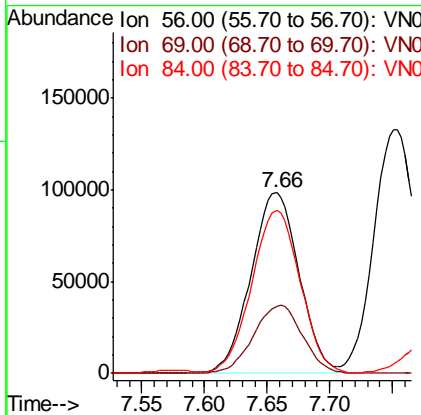
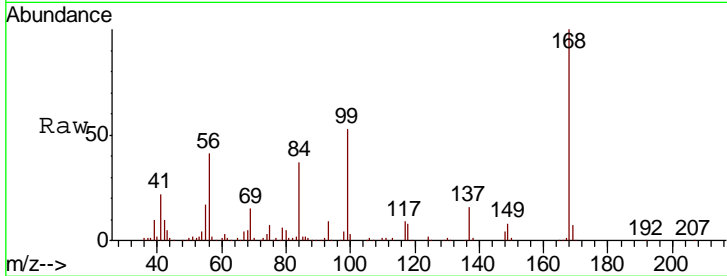
#31  
 Cyclohexane  
 Concen: 18.48 ug/l  
 RT: 7.66 min Scan# 1887  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
56	100		
69	37.0	26.2	39.4
84	88.9	67.4	101.0

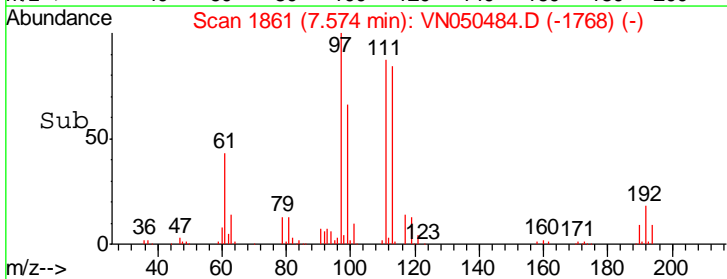
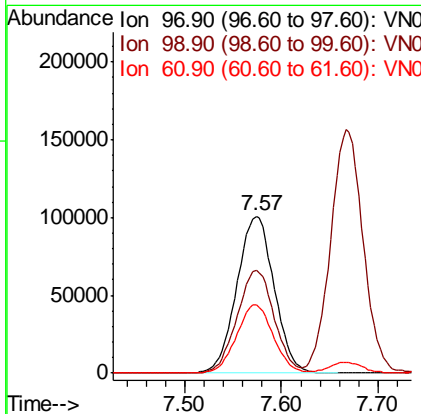
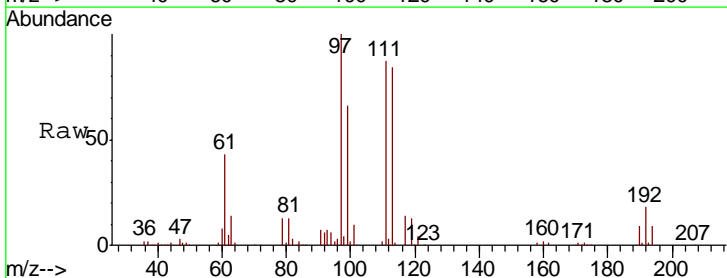
Manual Integrations  
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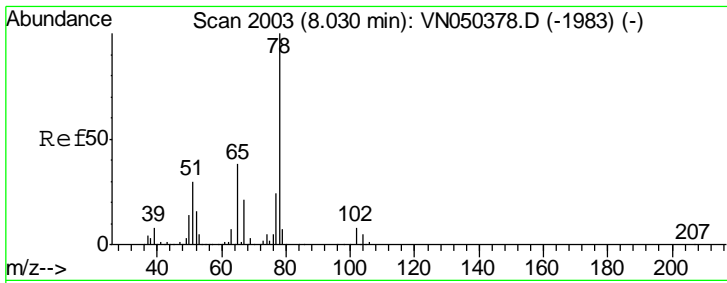
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#32  
 1,1,1-Trichloroethane  
 Concen: 19.84 ug/l  
 RT: 7.57 min Scan# 1861  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	42.7	35.4	53.0





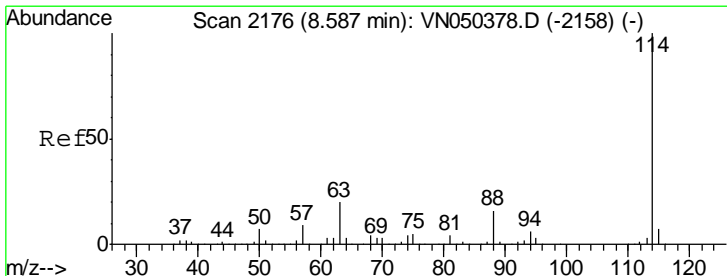
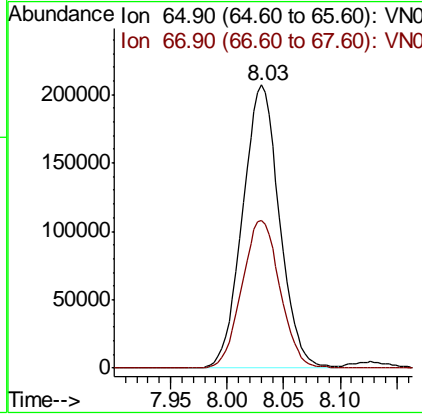
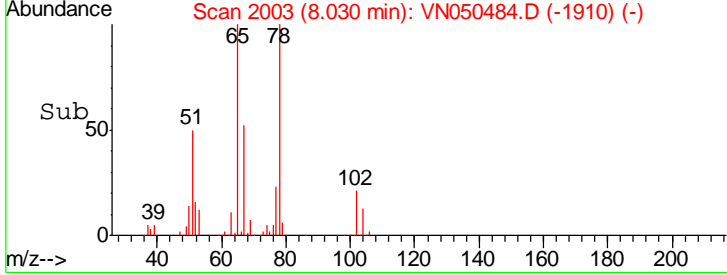
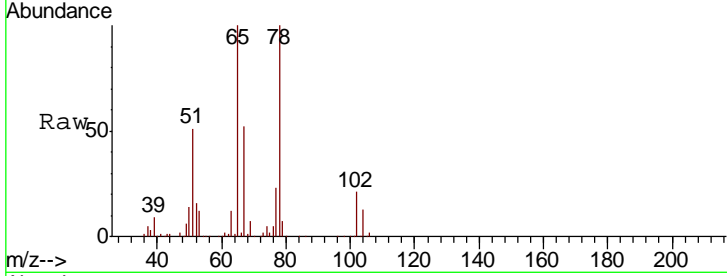
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.18 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
65	100		
67	53.8	0.0	108.4

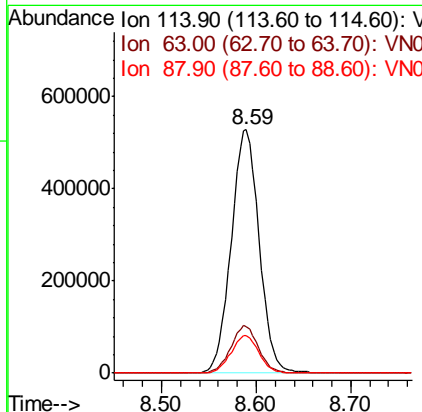
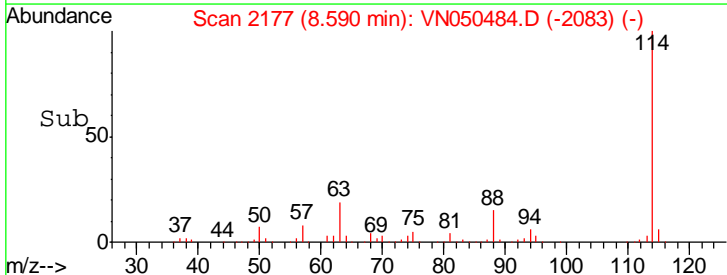
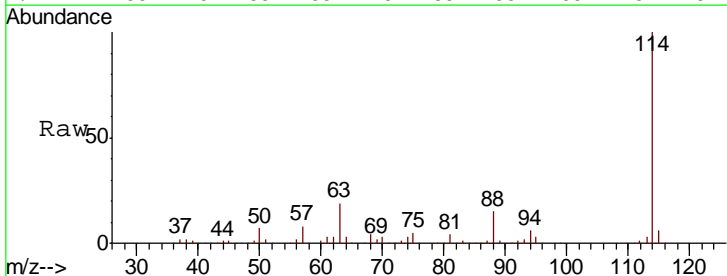
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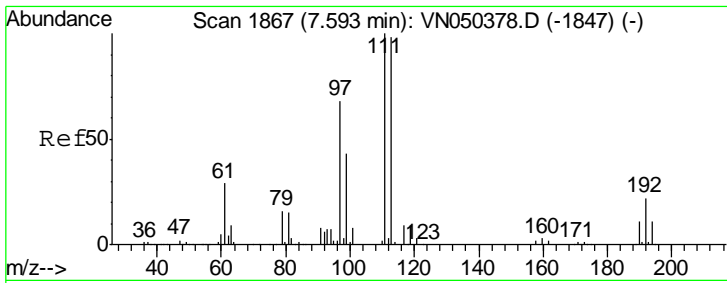
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 8/10/2018 10:52:54 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2177  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.3	0.0	31.2





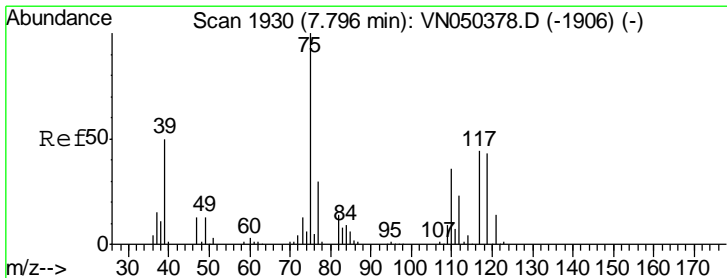
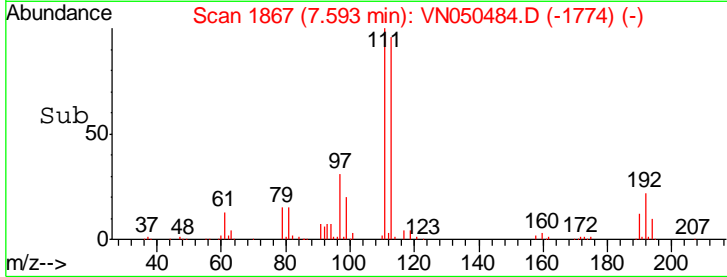
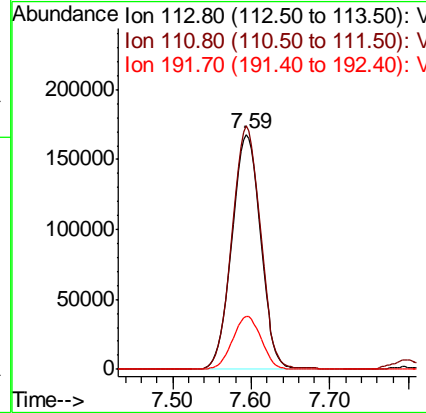
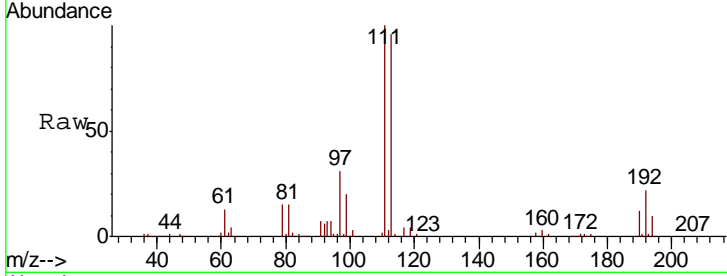
#35  
 Dibromofluoromethane  
 Concen: 49.03 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.9	80.7	121.1
192	22.5	17.8	26.6

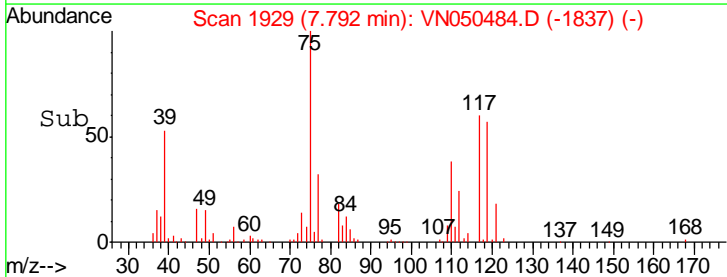
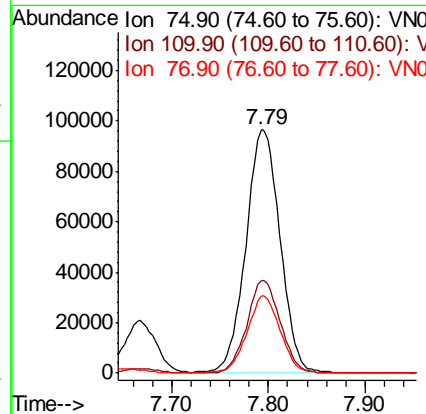
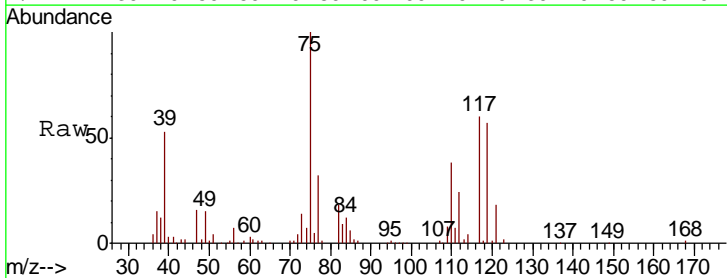
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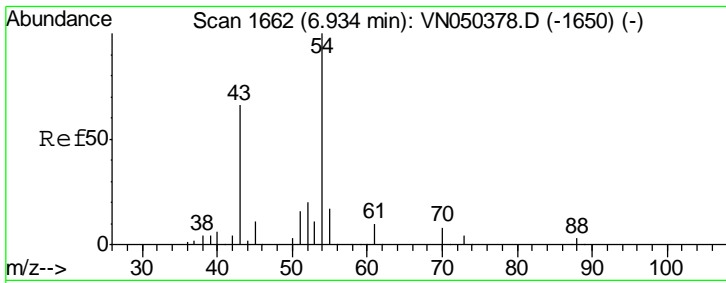
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 8/10/2018 10:52:54 AM



#36  
 1,1-Dichloropropene  
 Concen: 19.81 ug/l  
 RT: 7.79 min Scan# 1929  
 Delta R.T. -0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
75	100		
110	37.3	18.4	55.2
77	31.1	25.3	37.9



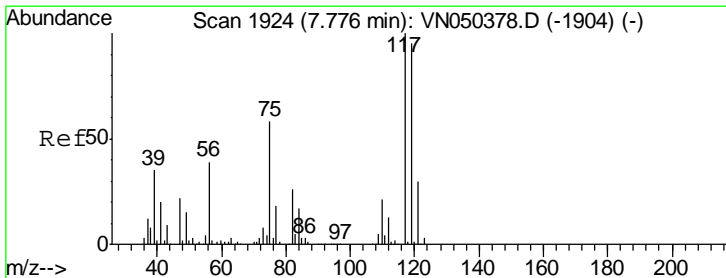
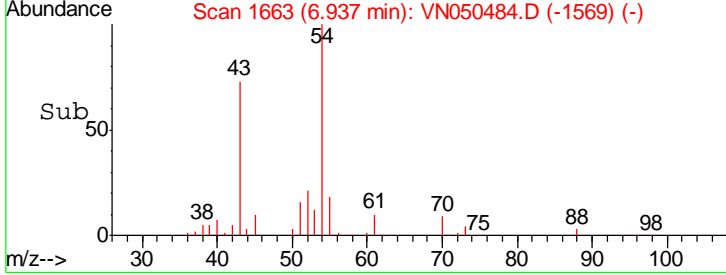
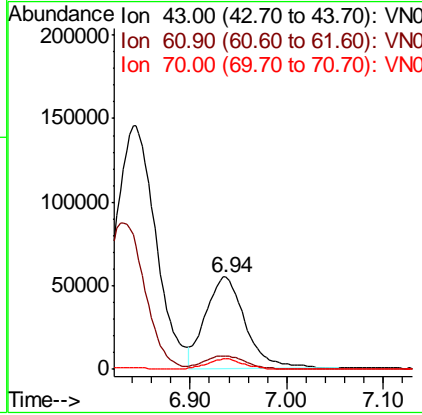
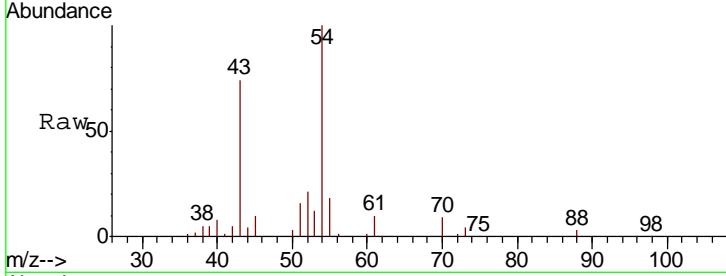


#37  
 Ethyl Acetate  
 Concen: 18.26 ug/l  
 RT: 6.94 min Scan# 1663  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

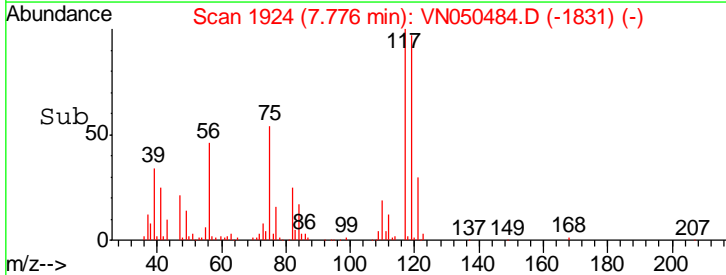
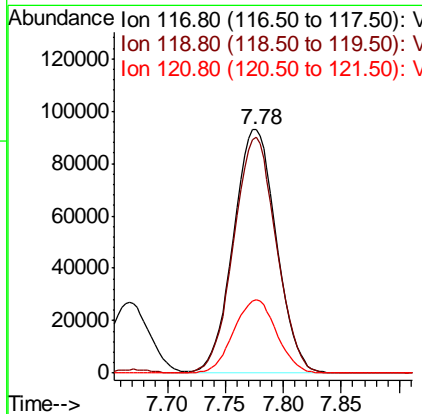
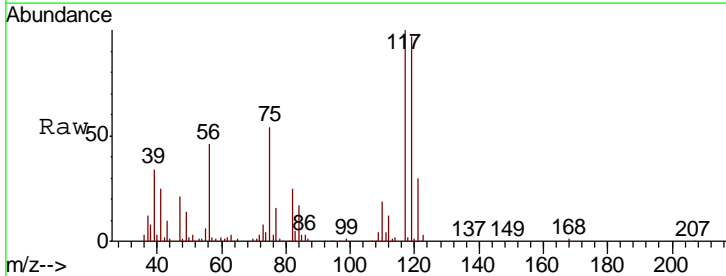
Tgt Ion	Resp	Lower	Upper
43	156761		
61	15.3	11.8	17.8
70	11.0	8.4	12.6

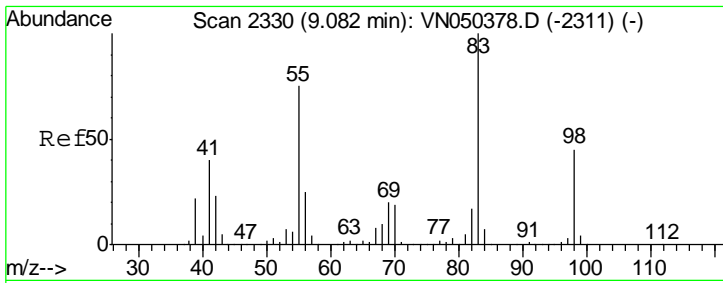
Manual Integrations  
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#38  
 Carbon Tetrachloride  
 Concen: 19.24 ug/l  
 RT: 7.78 min Scan# 1924  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
117	239290		
119	96.9	77.4	116.0
121	30.2	23.9	35.9



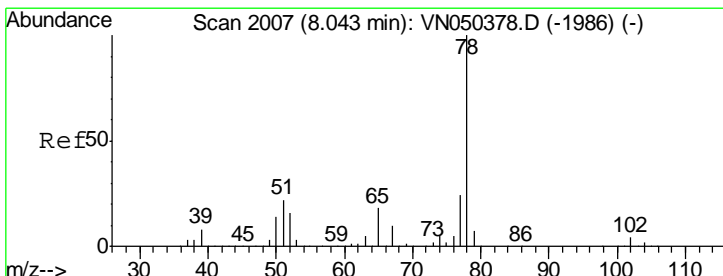
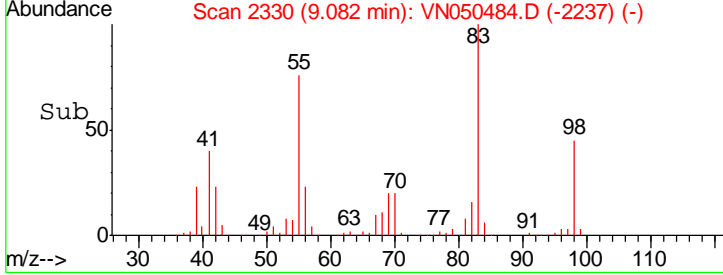
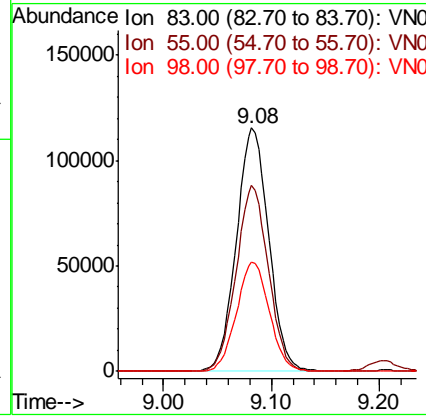
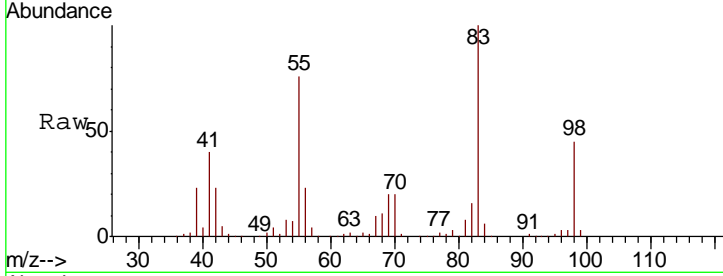


#39  
 Methylcyclohexane  
 Concen: 18.49 ug/l  
 RT: 9.08 min Scan# 2330  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

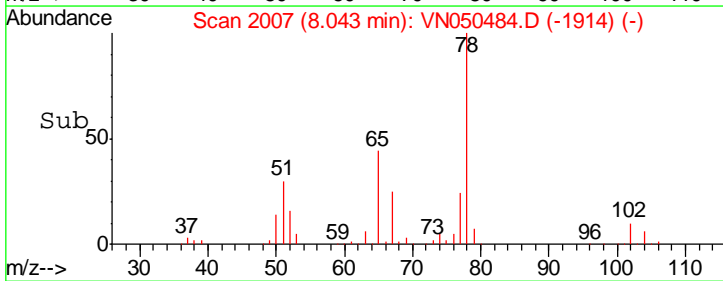
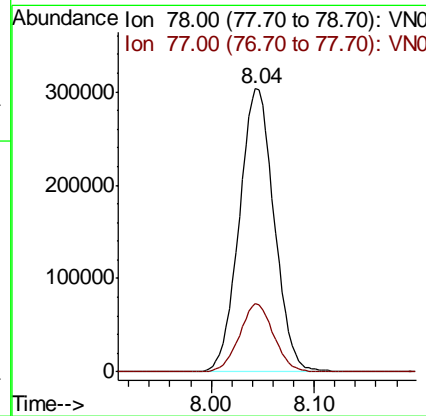
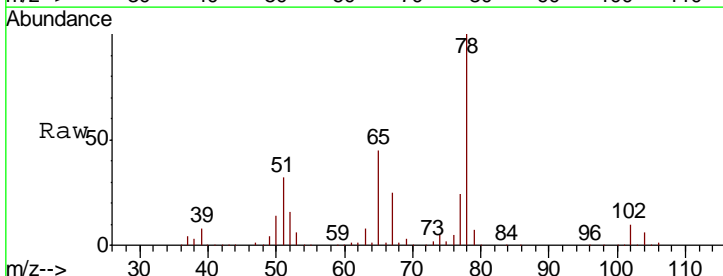
Tgt Ion	Resp	Lower	Upper
83	240695		
83	100		
55	76.3	61.8	92.8
98	44.7	36.5	54.7

Manual Integrations  
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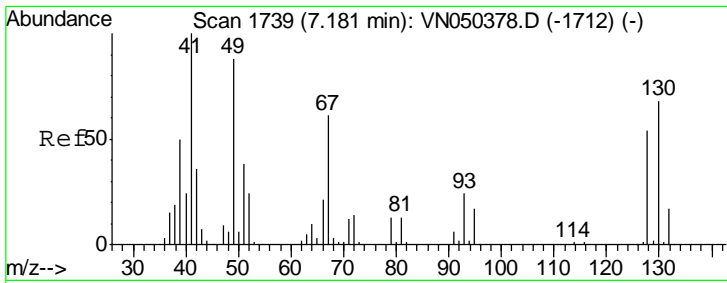


#40  
 Benzene  
 Concen: 19.46 ug/l  
 RT: 8.04 min Scan# 2007  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
78	713214		
78	100		
77	24.0	18.7	28.1







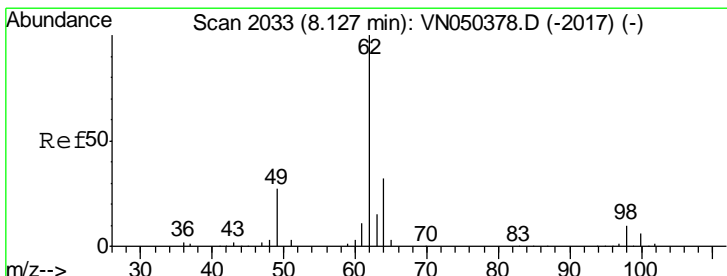
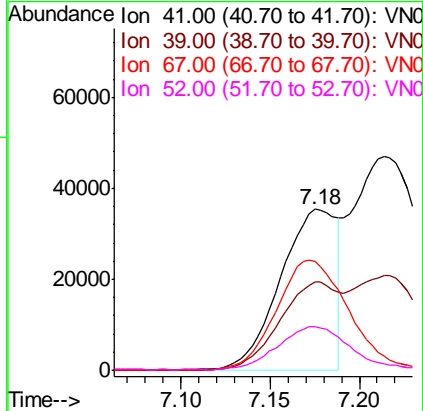
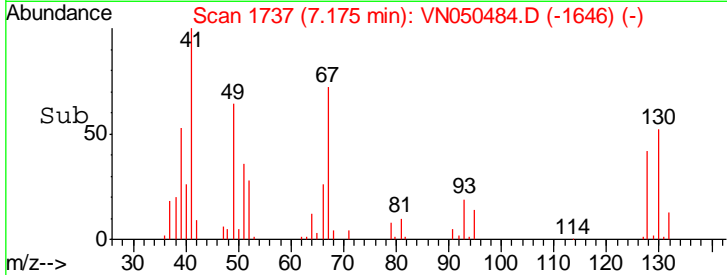
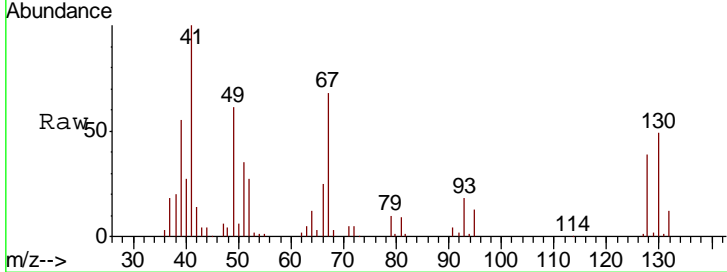
#41  
 Methacrylonitrile  
 Concen: 17.03 ug/l  
 RT: 7.18 min Scan# 1737  
 Delta R.T. -0.01 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
41	100		
39	58.7	55.8	83.6
67	88.2	84.3	126.5
52	35.6	34.2	51.2

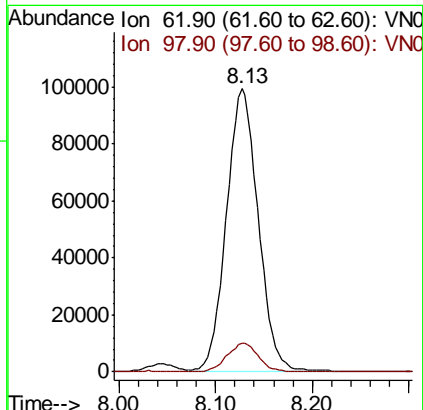
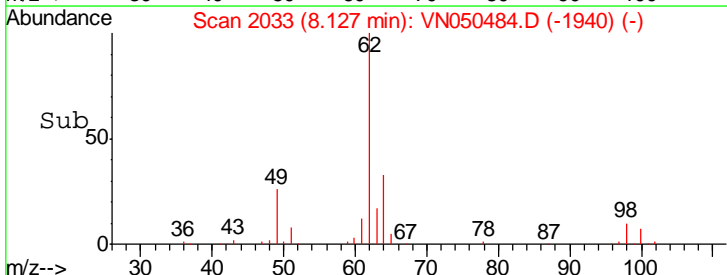
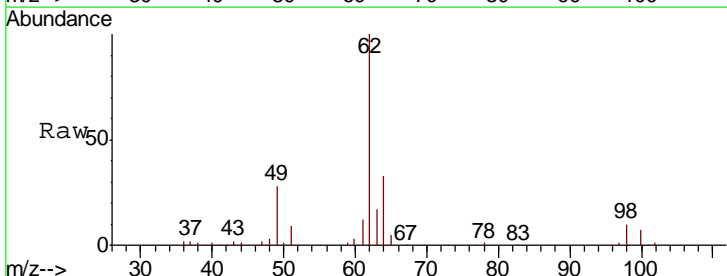
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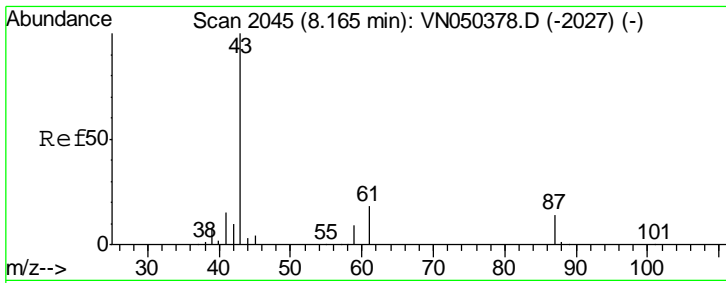
MMDadoda  
 8/10/2018 10:52:54 AM



#42  
 1,2-Dichloroethane  
 Concen: 19.41 ug/l  
 RT: 8.13 min Scan# 2033  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
62	100		
98	10.1	0.0	18.8





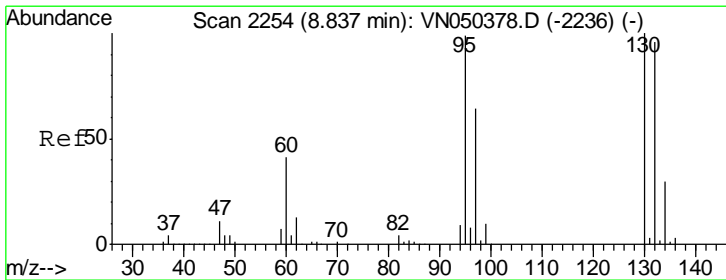
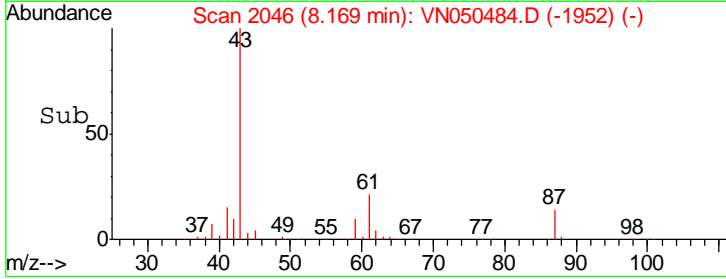
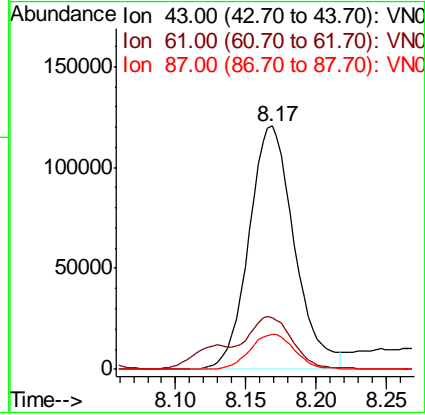
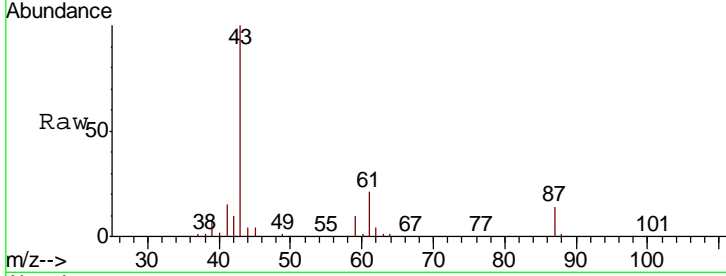
#43  
 Isopropyl Acetate  
 Concen: 18.19 ug/l  
 RT: 8.17 min Scan# 2046  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
43	100		
61	20.8	15.8	23.6
87	14.5	10.3	15.5

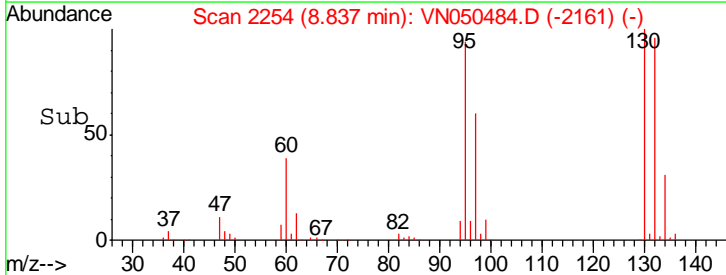
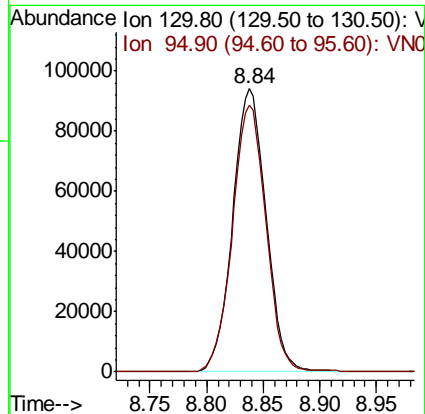
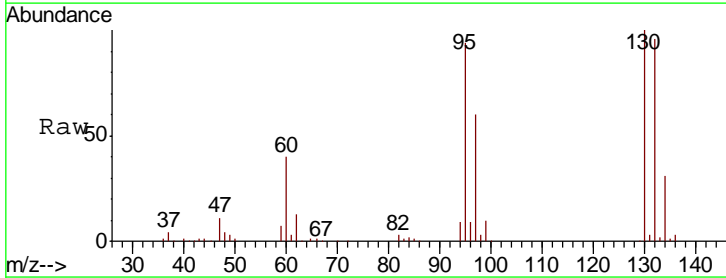
Manual Integrations  
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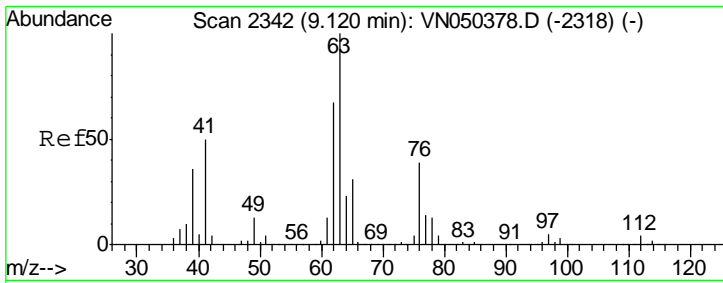
MMDadoda  
 8/10/2018 10:52:54 AM



#44  
 Trichloroethene  
 Concen: 19.67 ug/l  
 RT: 8.84 min Scan# 2254  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
130	100		
95	94.4	0.0	194.6



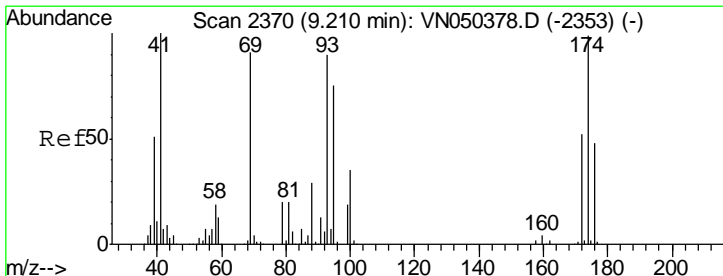
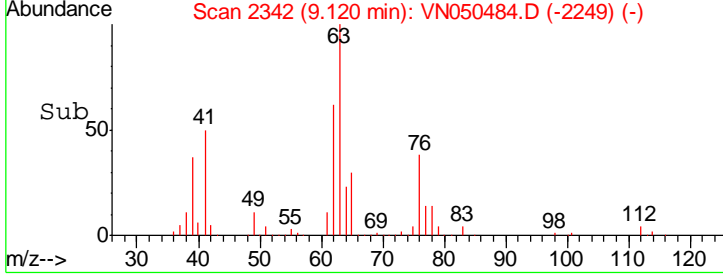
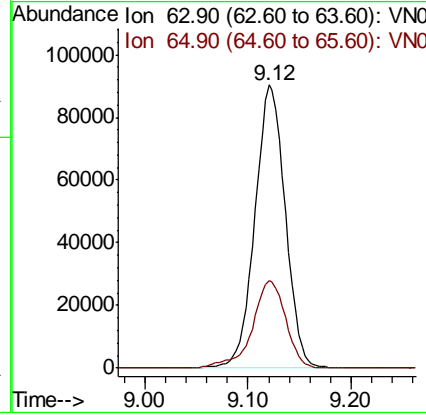
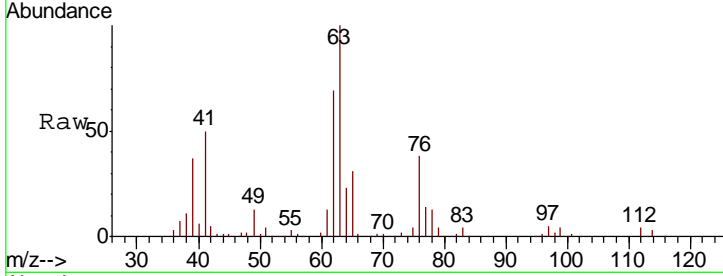


#45  
 1,2-Dichloropropane  
 Concen: 19.13 ug/l  
 RT: 9.12 min Scan# 2342  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
63	100		
65	30.7	25.5	38.3

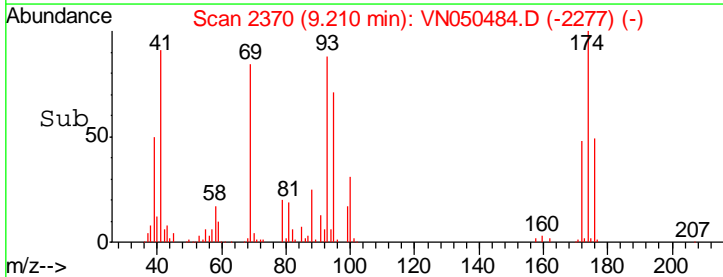
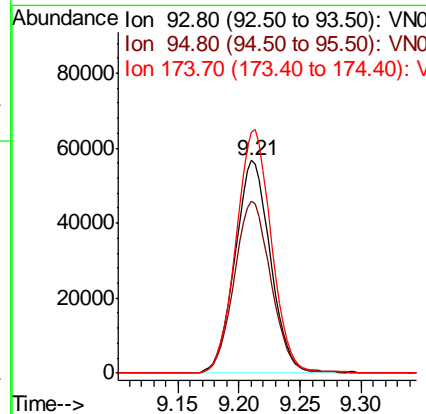
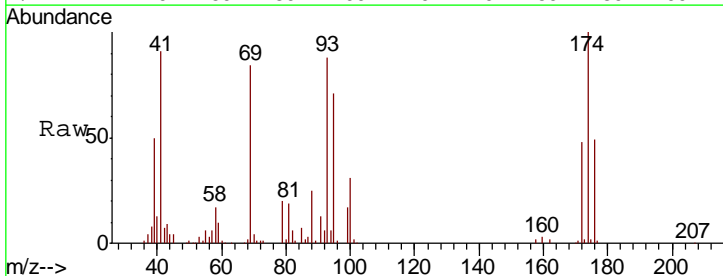
Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

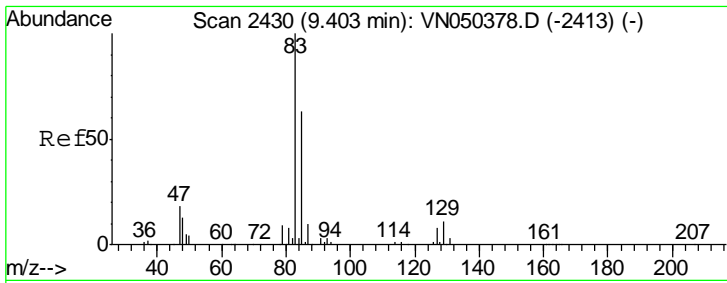
Manual Integrations  
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#46  
 Dibromomethane  
 Concen: 19.21 ug/l  
 RT: 9.21 min Scan# 2370  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
93	100		
95	83.7	66.6	100.0
174	114.1	87.1	130.7





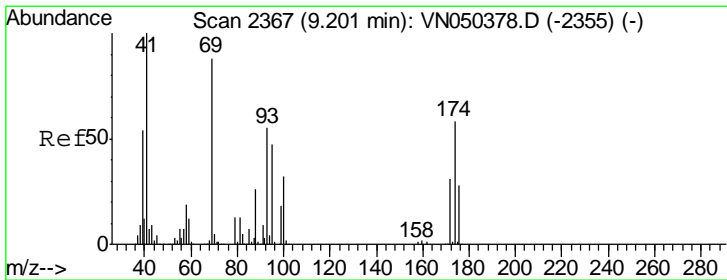
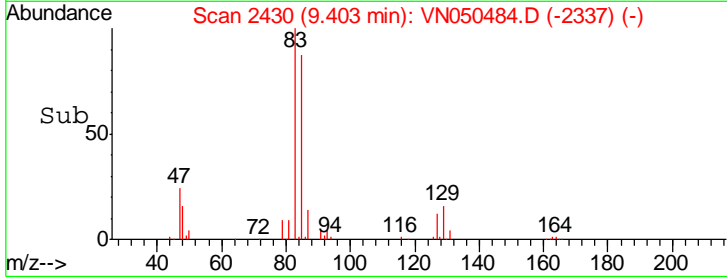
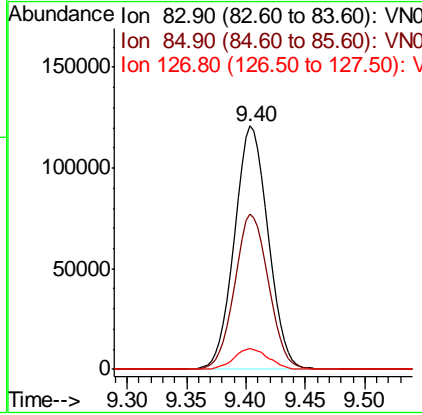
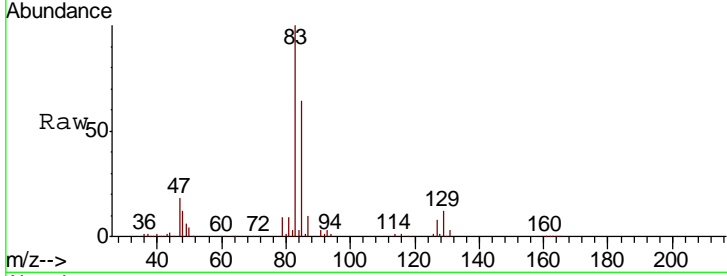
#47  
 Bromodichloromethane  
 Concen: 19.28 ug/l  
 RT: 9.40 min Scan# 2430  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
83	100		
85	63.6	51.1	76.7
127	8.5	7.0	10.4

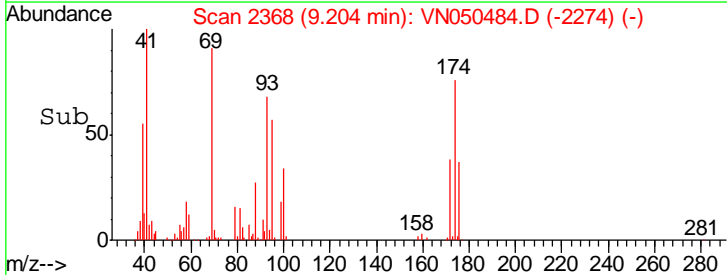
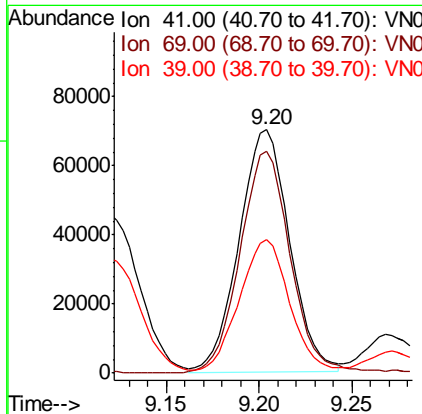
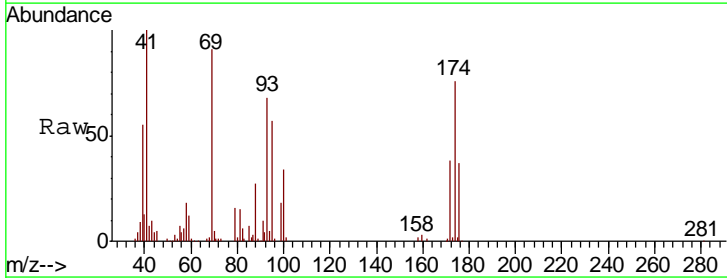
Manual Integrations  
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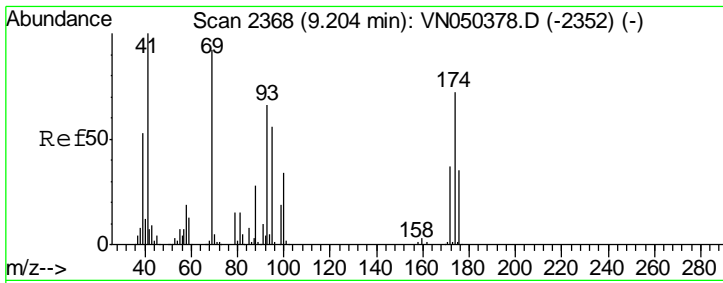
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 8/10/2018 10:52:54 AM



#48  
 Methyl methacrylate  
 Concen: 18.00 ug/l  
 RT: 9.20 min Scan# 2368  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
41	100		
69	91.7	70.6	105.8
39	54.9	43.9	65.9





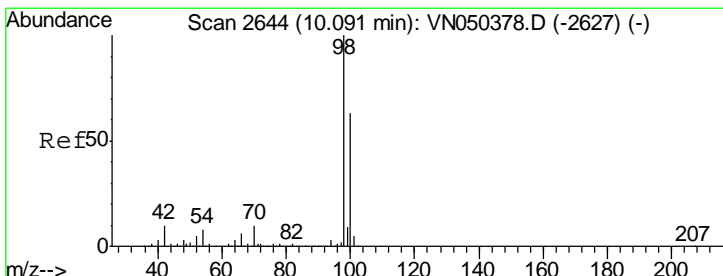
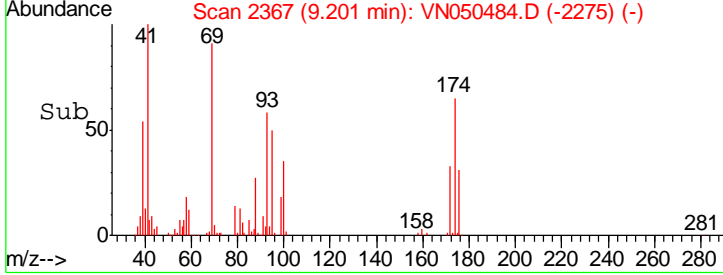
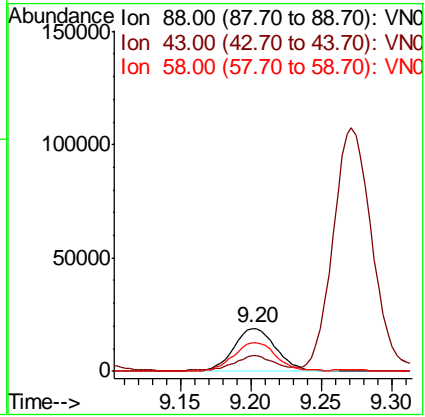
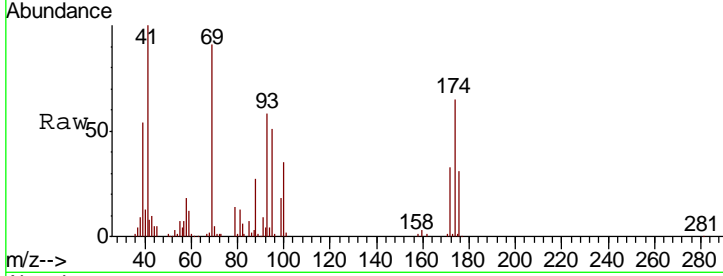
#49  
 1,4-Dioxane  
 Concen: 349.45 ug/l  
 RT: 9.20 min Scan# 2367  
 Delta R.T. -0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument :  
 MSVOA\_N  
 Client Sampled :  
 VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
88	40016		
88	100		
43	32.8	26.9	40.3
58	67.5	57.3	85.9

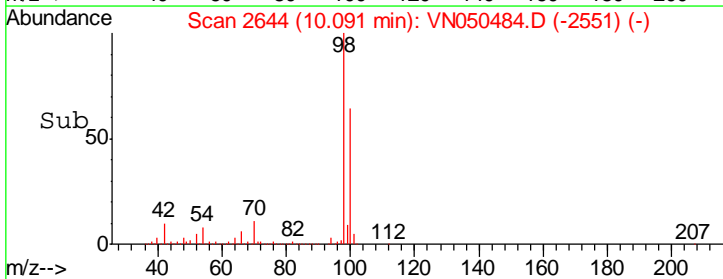
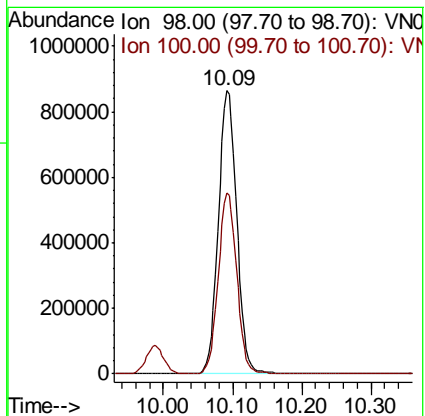
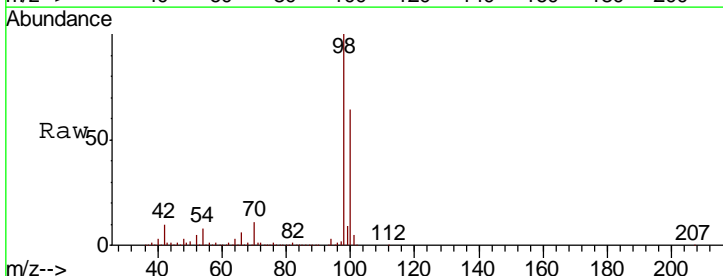
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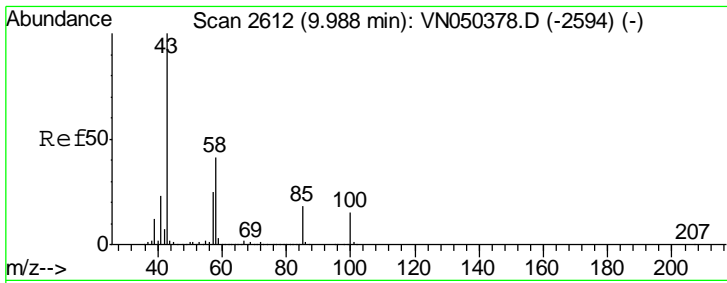
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 8/10/2018 10:52:54 AM



#50  
 Toluene-d8  
 Concen: 48.71 ug/l  
 RT: 10.09 min Scan# 2644  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
98	1594563		
98	100		
100	64.1	50.7	76.1



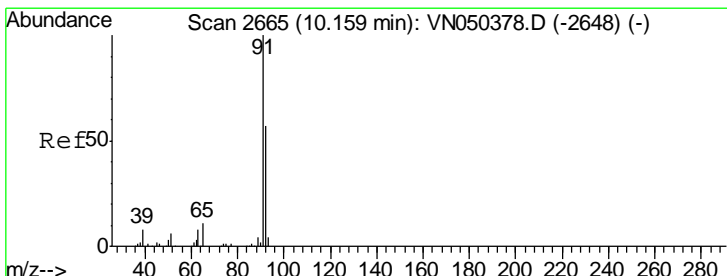
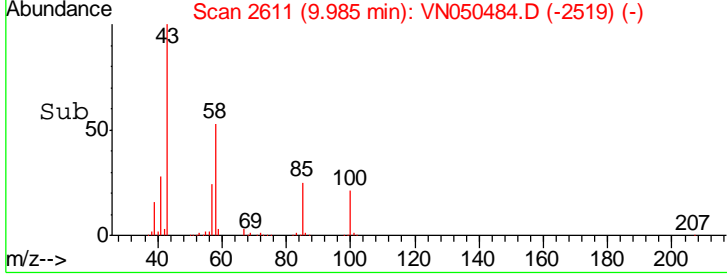
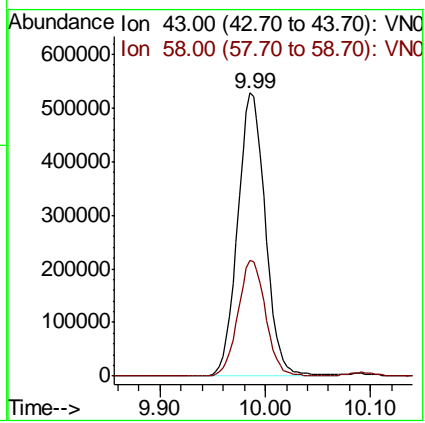
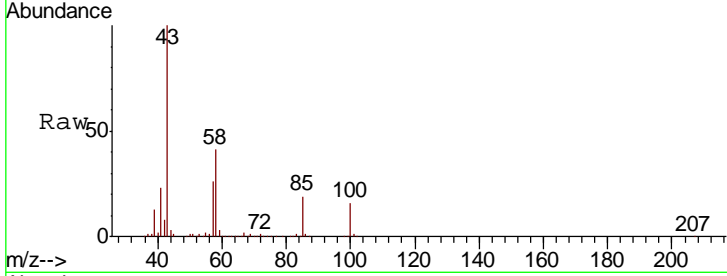


#51  
 4-Methyl-2-Pentanone  
 Concen: 89.84 ug/l  
 RT: 9.99 min Scan# 2611  
 Delta R.T. -0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

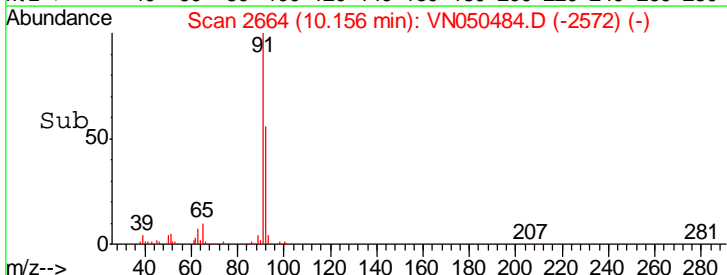
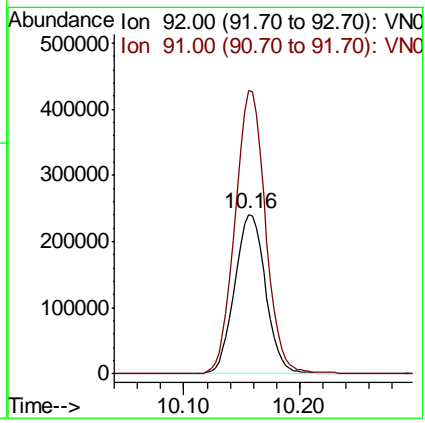
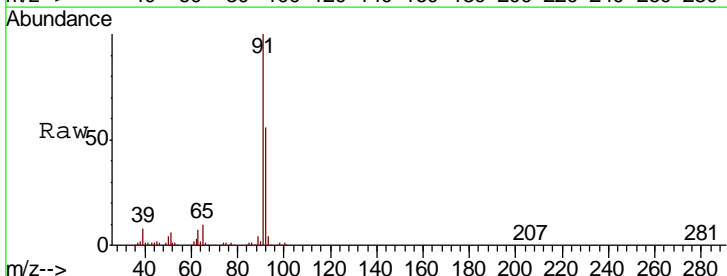
Tgt Ion	Resp	Lower	Upper
43	100		
58	40.8	31.9	47.9

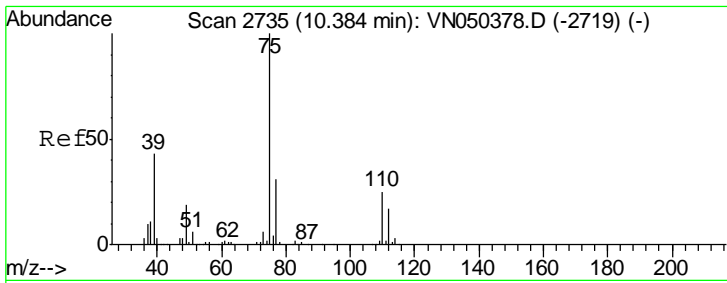
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#52  
 Toluene  
 Concen: 20.30 ug/l  
 RT: 10.16 min Scan# 2664  
 Delta R.T. -0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
92	100		
91	174.7	140.3	210.5





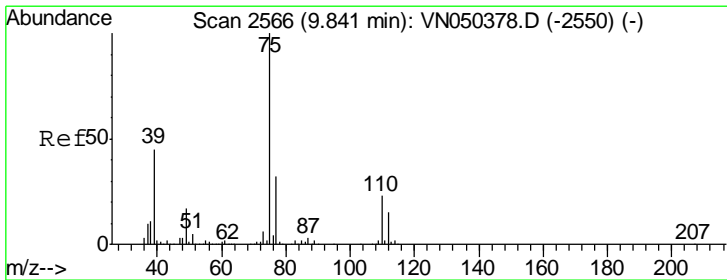
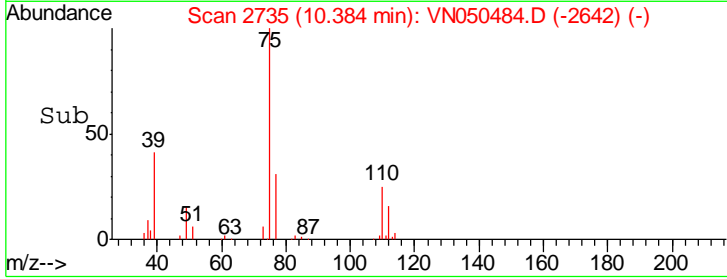
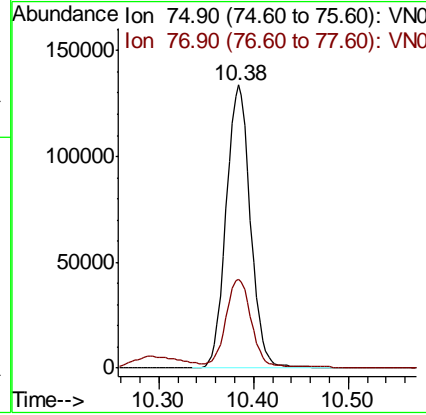
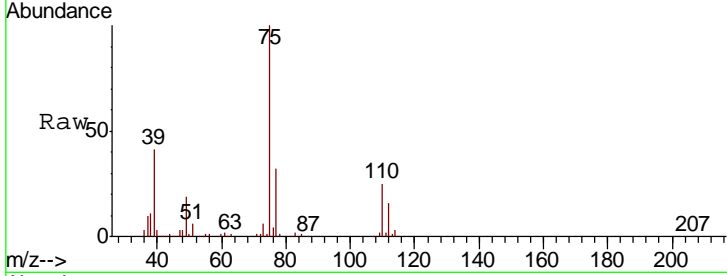
#53  
 t-1,3-Dichloropropene  
 Concen: 19.29 ug/l  
 RT: 10.38 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
75	238795		
75	100		
77	31.2	24.9	37.3

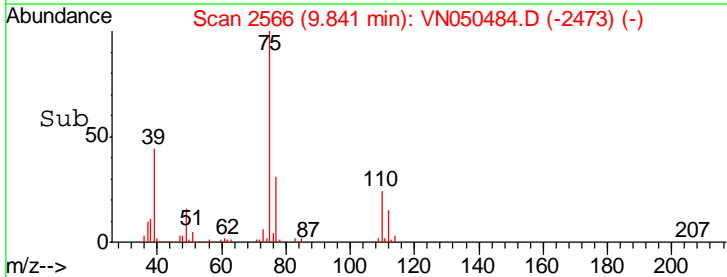
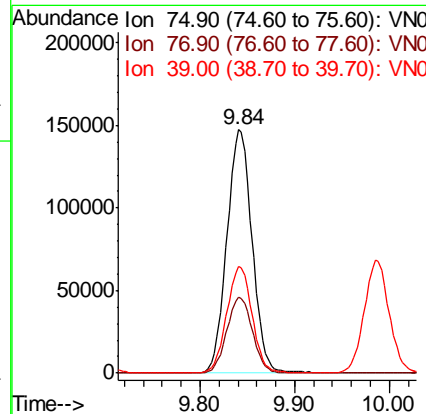
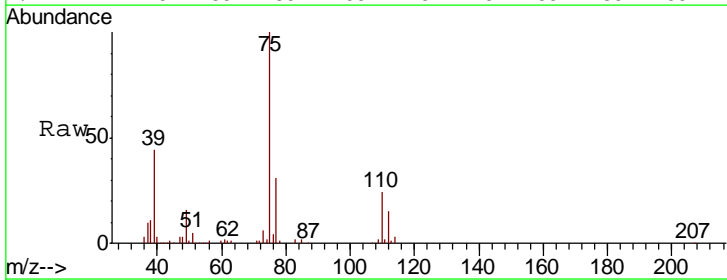
Manual Integrations  
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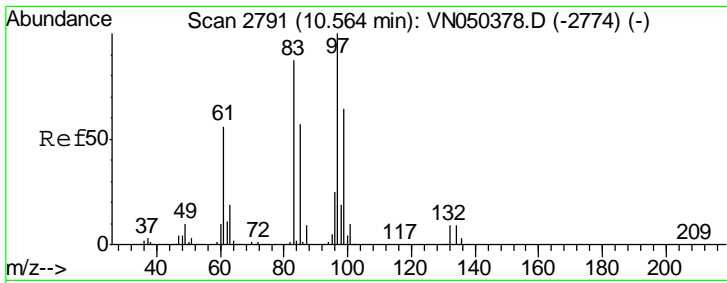
MMDadoda  
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#54  
 cis-1,3-Dichloropropene  
 Concen: 19.83 ug/l  
 RT: 9.84 min Scan# 2566  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

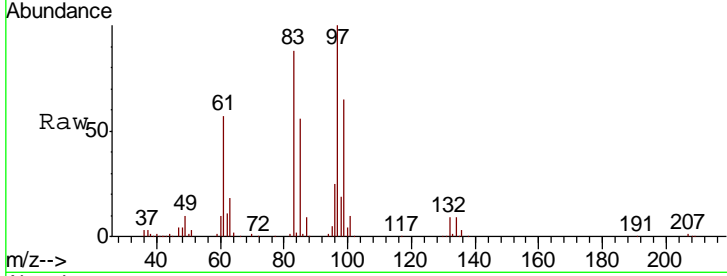
Tgt Ion	Resp	Lower	Upper
75	273922		
75	100		
77	31.3	25.5	38.3
39	43.7	36.6	55.0





#55  
 1,1,2-Trichloroethane  
 Concen: 19.53 ug/l  
 RT: 10.56 min Scan# 2791  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

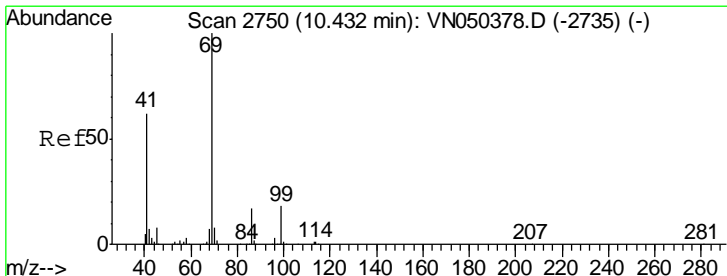
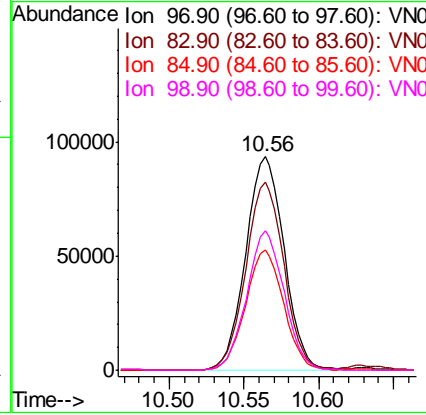
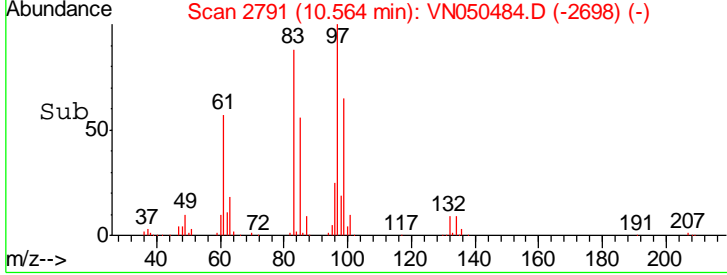
Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01



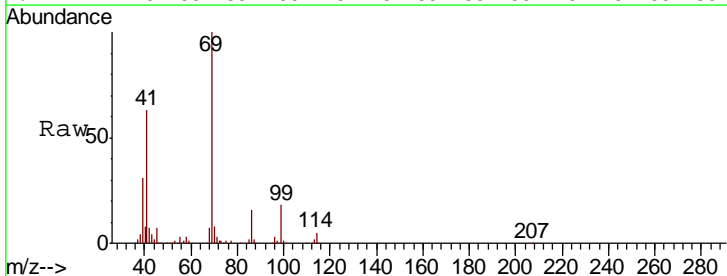
Tgt Ion: 97 Resp: 167914

Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.2	103.8
85	56.4	44.0	66.0
99	65.4	49.9	74.9

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 MMDadoda  
 8/10/2018 10:52:54 AM

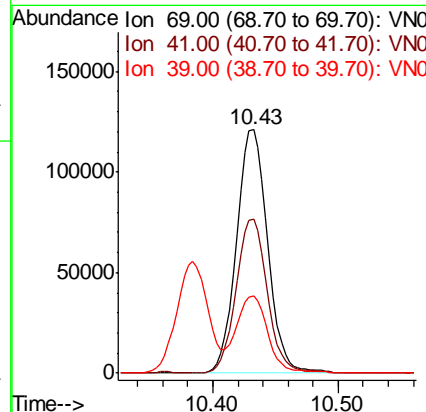
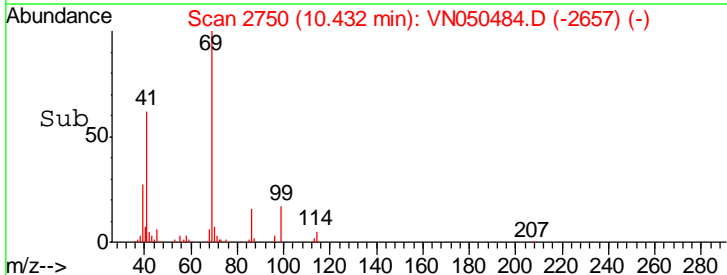


#56  
 Ethyl methacrylate  
 Concen: 18.26 ug/l  
 RT: 10.43 min Scan# 2750  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

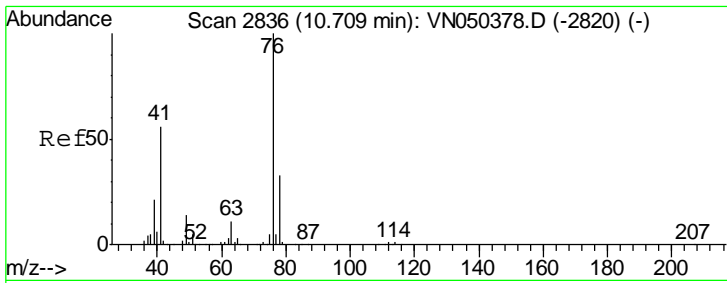


Tgt Ion: 69 Resp: 208448

Ion	Ratio	Lower	Upper
69	100		
41	62.5	51.0	76.4
39	31.5	26.6	40.0





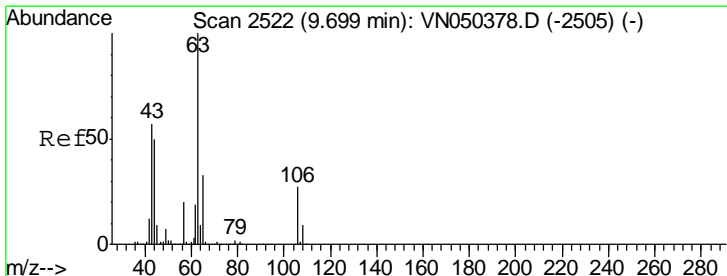
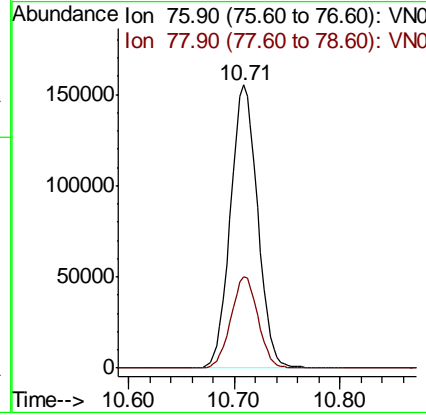
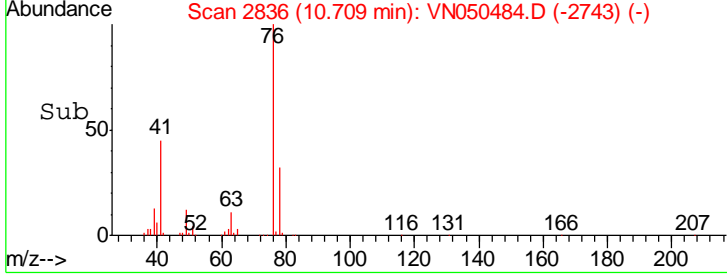
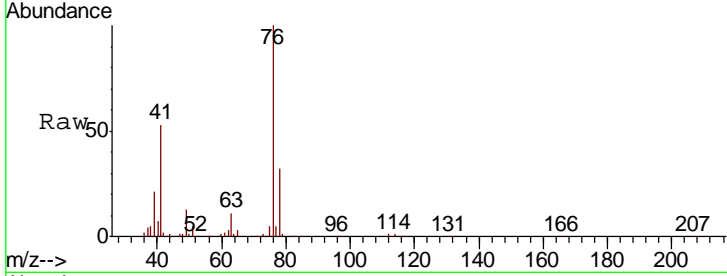


#57  
 1,3-Dichloropropane  
 Concen: 19.58 ug/l  
 RT: 10.71 min Scan# 2836  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

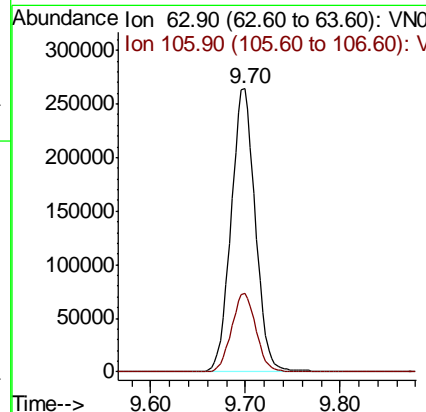
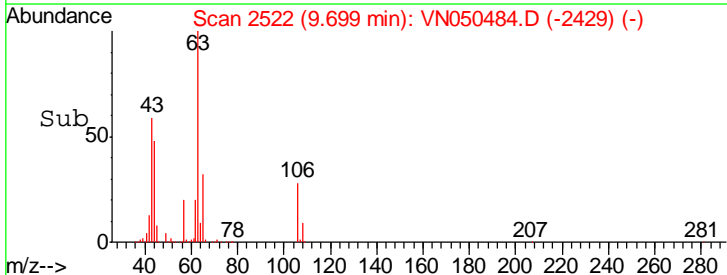
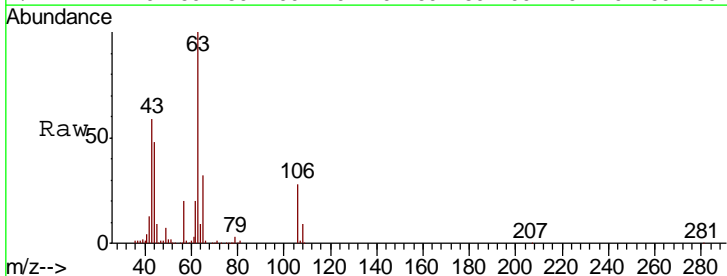
Tgt Ion	Resp	Lower	Upper
76	276199		
76	100		
78	32.2	25.7	38.5

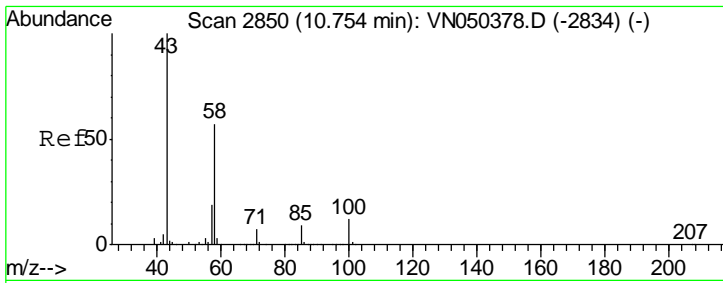
Manual Integrations  
**APPROVED**  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 88.00 ug/l  
 RT: 9.70 min Scan# 2522  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
63	470983		
63	100		
106	27.9	21.7	32.5





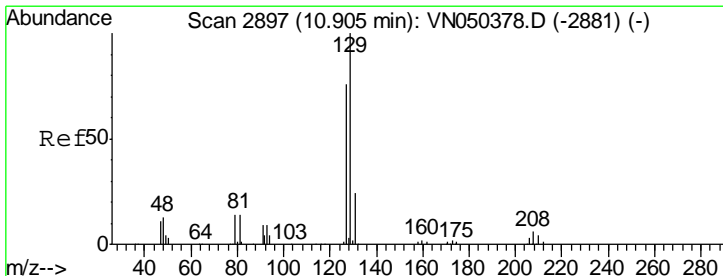
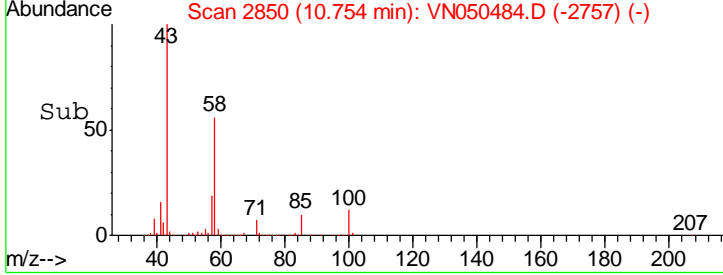
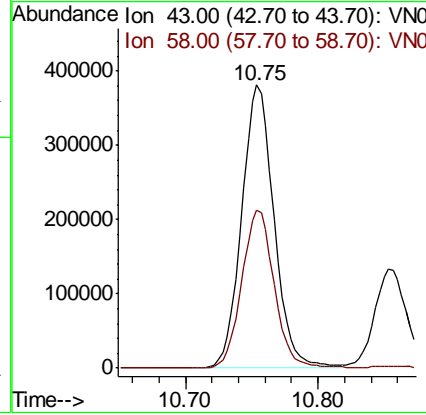
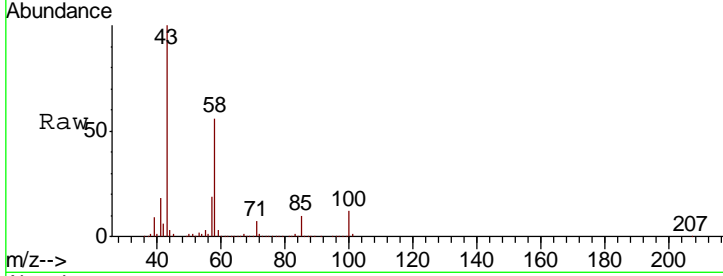
#59  
 2-Hexanone  
 Concen: 86.42 ug/l  
 RT: 10.75 min Scan# 2850  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
43	100		
58	56.4	27.6	82.7

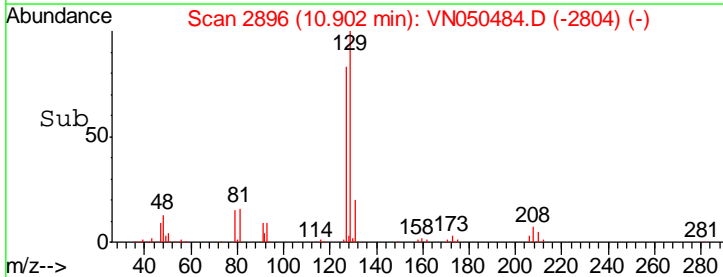
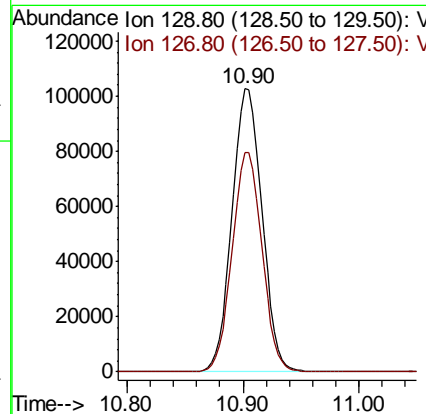
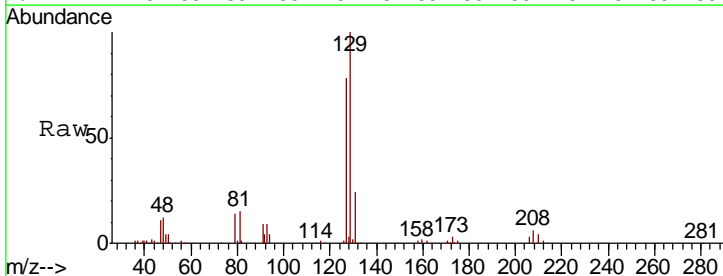
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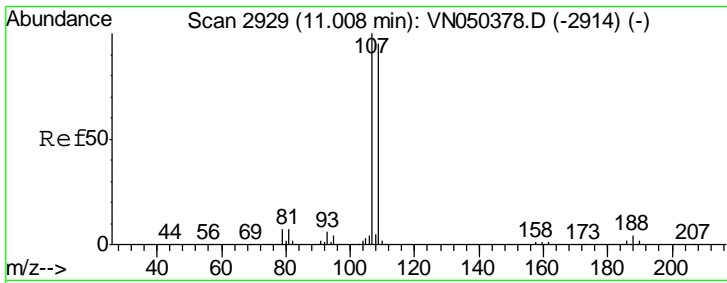
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#60  
 Dibromochloromethane  
 Concen: 19.42 ug/l  
 RT: 10.90 min Scan# 2896  
 Delta R.T. -0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
129	100		
127	77.1	38.0	113.9



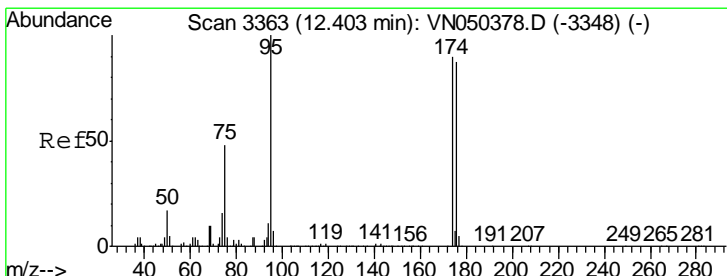
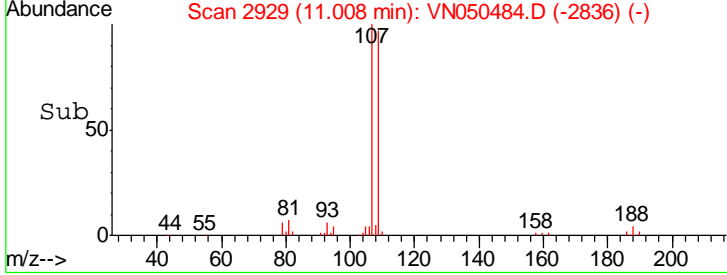
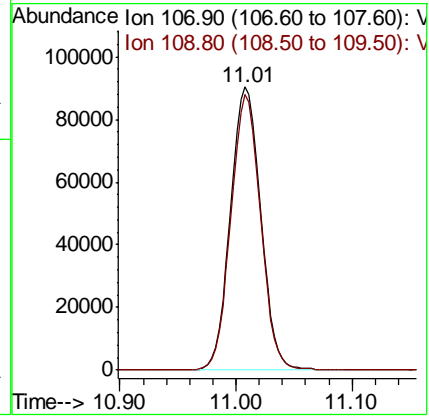
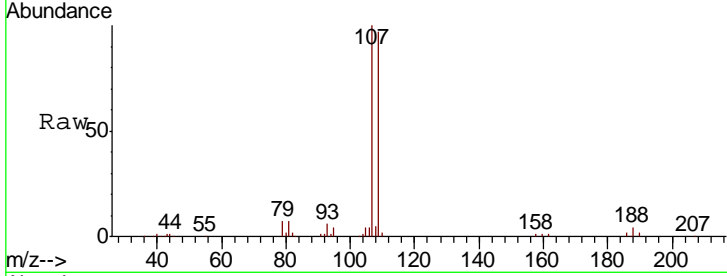


#61  
 1,2-Dibromoethane  
 Concen: 19.25 ug/l  
 RT: 11.01 min Scan# 2929  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0809WBSD01

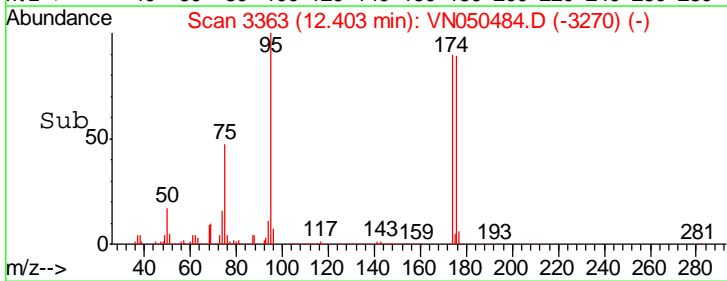
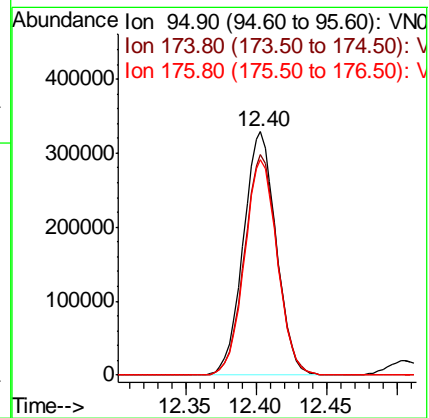
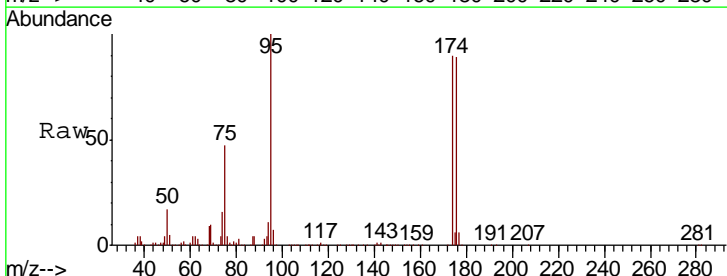
Tgt Ion	Resp	Lower	Upper
107	163096		
109	95.4	74.6	112.0

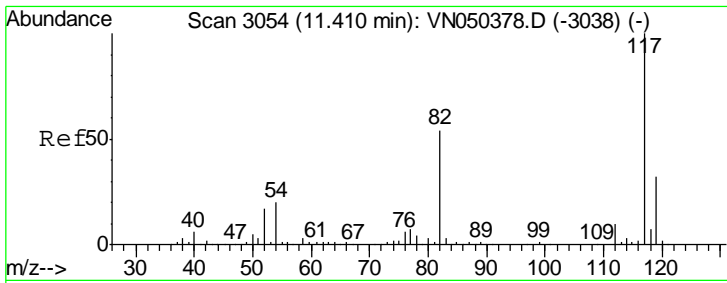
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#62  
 4-Bromofluorobenzene  
 Concen: 48.07 ug/l  
 RT: 12.40 min Scan# 3363  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
95	536333		
174	91.1	0.0	178.2
176	88.5	0.0	173.4



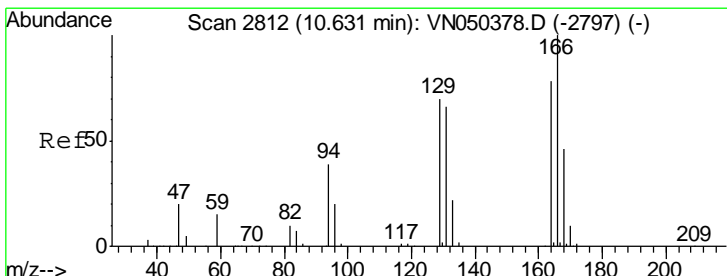
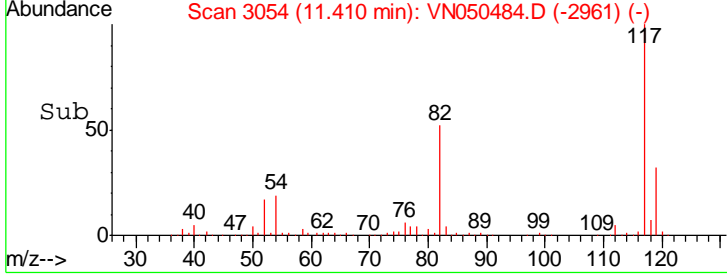
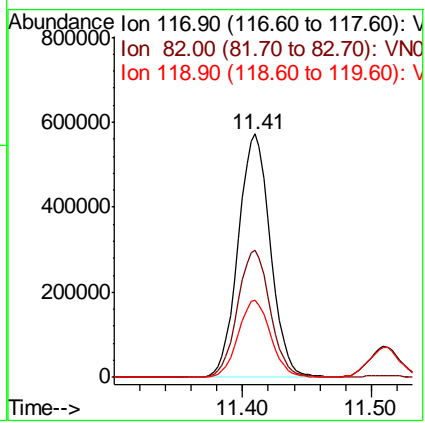
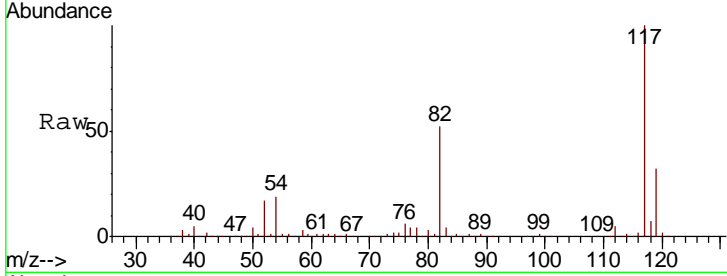


#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 11.41 min Scan# 3054  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0809WBSD01

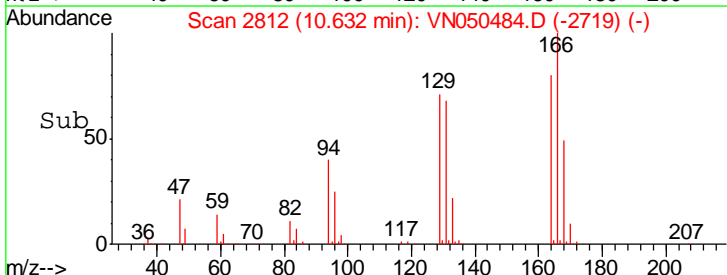
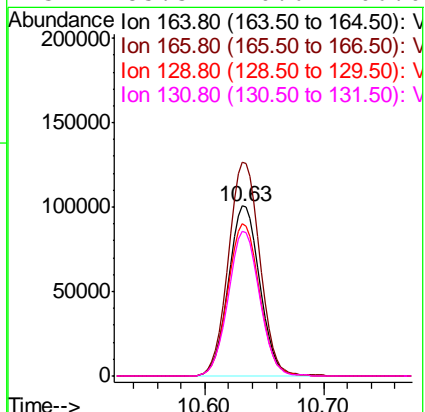
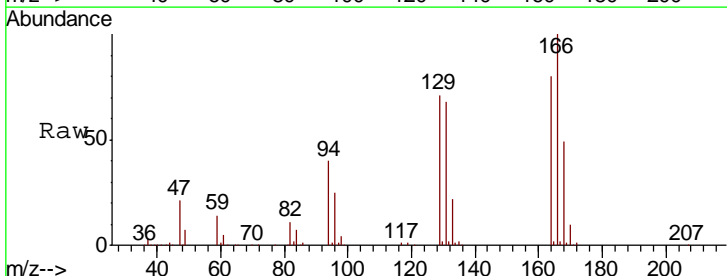
Tgt Ion	Resp	Lower	Upper
117	993706		
82	52.3	43.7	65.5
119	31.6	26.1	39.1

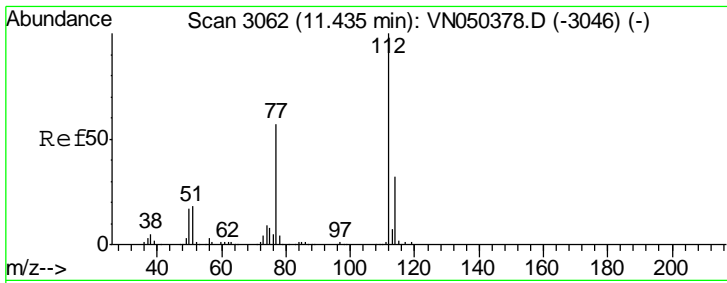
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#64  
 Tetrachloroethene  
 Concen: 19.87 ug/l  
 RT: 10.63 min Scan# 2812  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
164	184472		
166	125.7	102.1	153.1
129	89.7	73.2	109.8
131	85.5	70.6	106.0



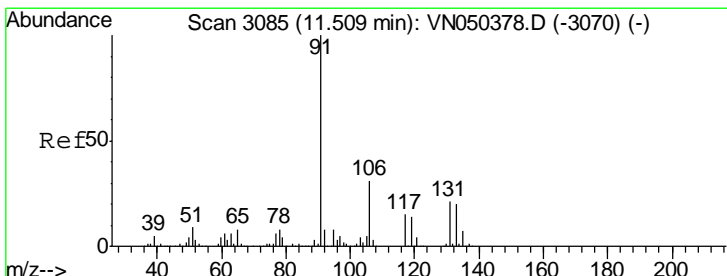
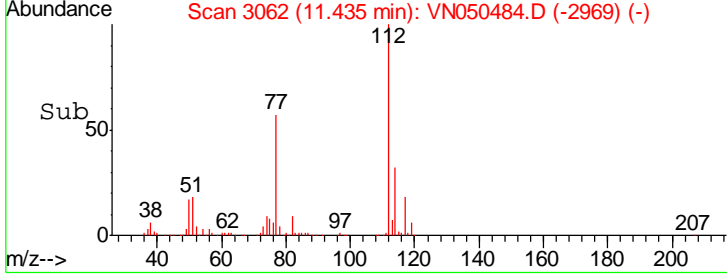
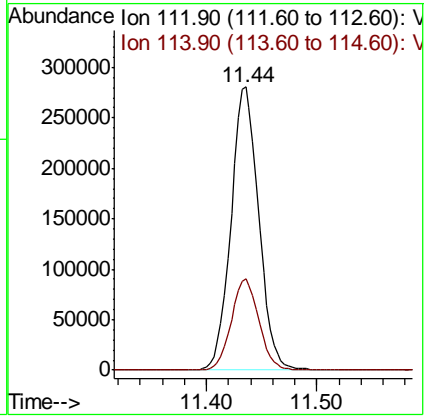
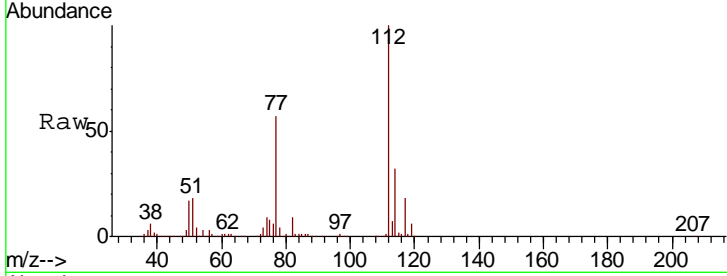


#65  
 Chlorobenzene  
 Concen: 19.62 ug/l  
 RT: 11.44 min Scan# 3062  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

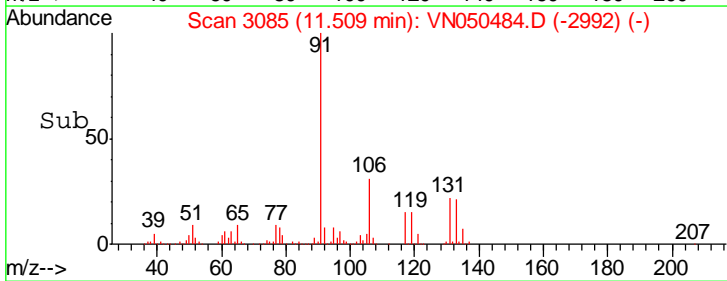
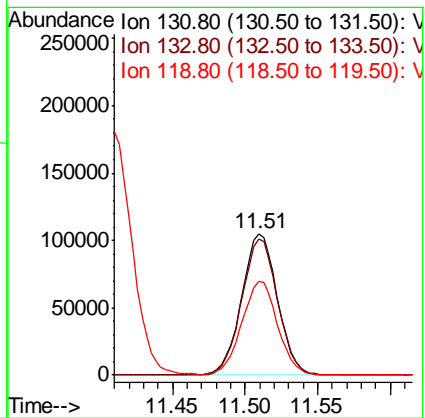
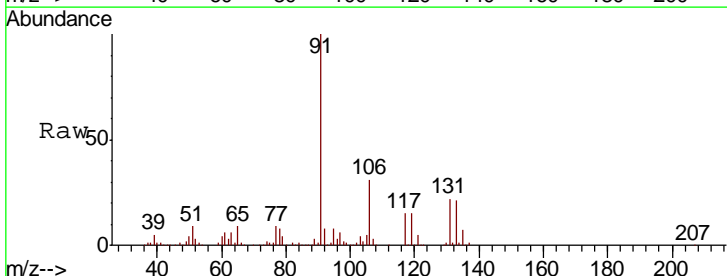
Tgt Ion	Resp	Lower	Upper
112	100		
114	32.2	25.6	38.4

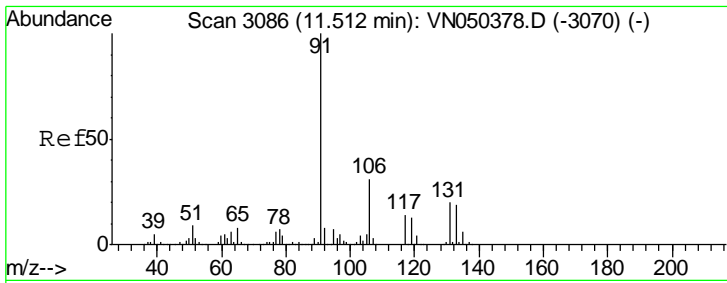
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 19.88 ug/l  
 RT: 11.51 min Scan# 3085  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
131	100		
133	96.6	47.3	141.9
119	66.3	32.9	98.7



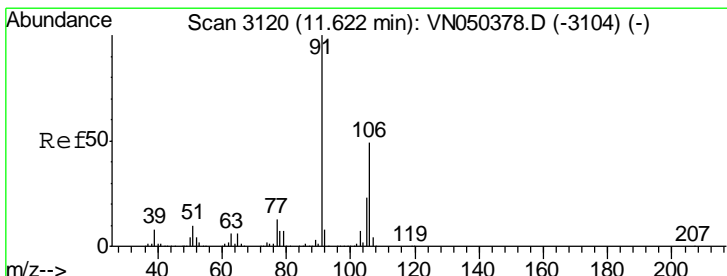
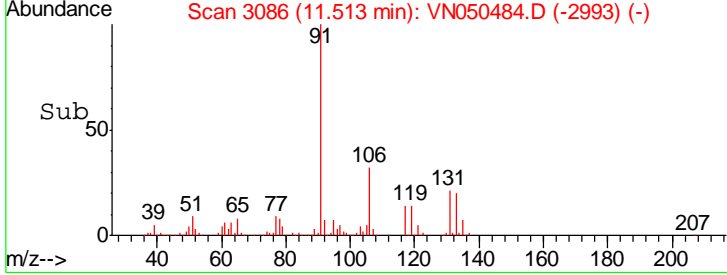
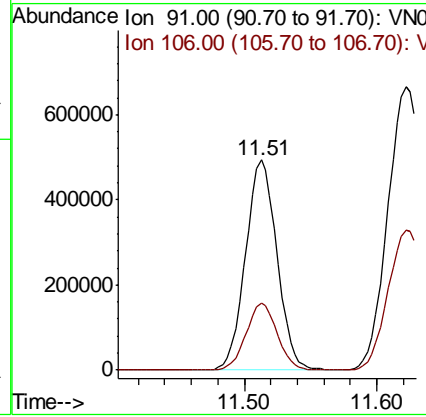
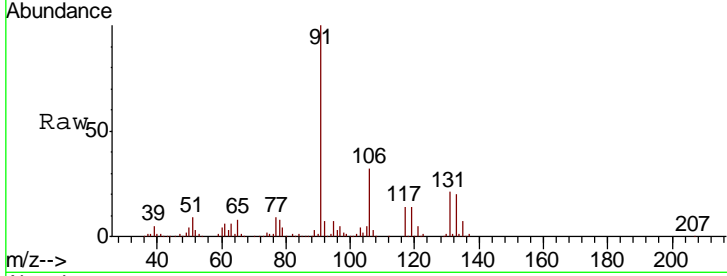


#67  
Ethyl Benzene  
Concen: 20.21 ug/l  
RT: 11.51 min Scan# 3086  
Delta R.T. 0.00 min  
Lab File: VN050484.D  
Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
ClientSampled : VN0809WBSD01

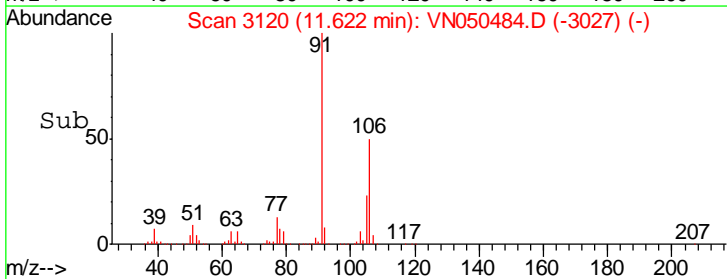
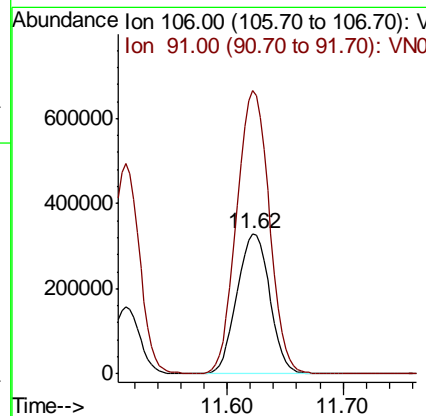
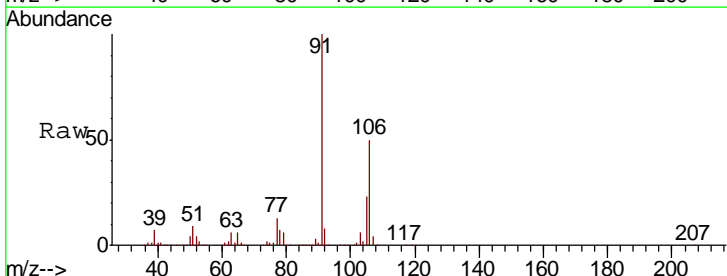
Tgt Ion: 91 Resp: 813765  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.0 37.4

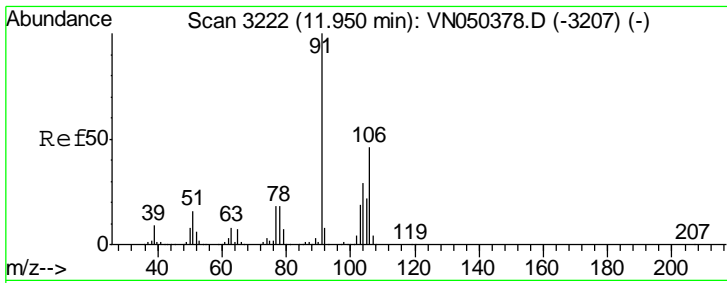
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#68  
m/p-Xylenes  
Concen: 42.17 ug/l  
RT: 11.62 min Scan# 3120  
Delta R.T. 0.00 min  
Lab File: VN050484.D  
Acq: 9 Aug 2018 14:37

Tgt Ion: 106 Resp: 646494  
Ion Ratio Lower Upper  
106 100  
91 200.7 162.2 243.2



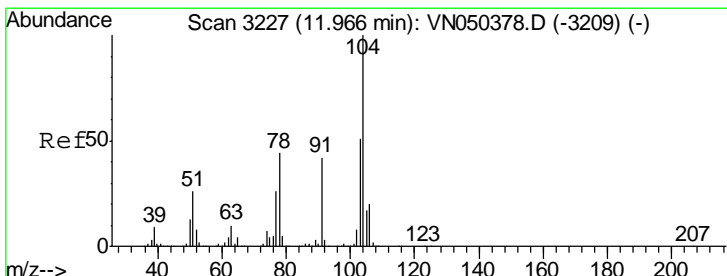
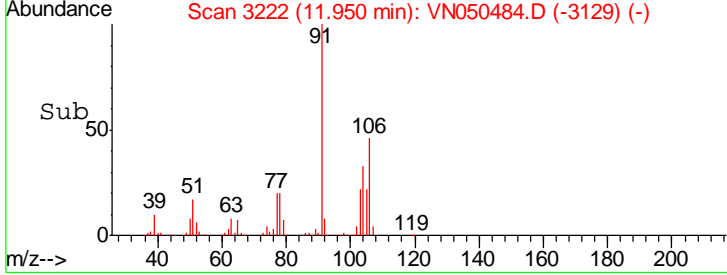
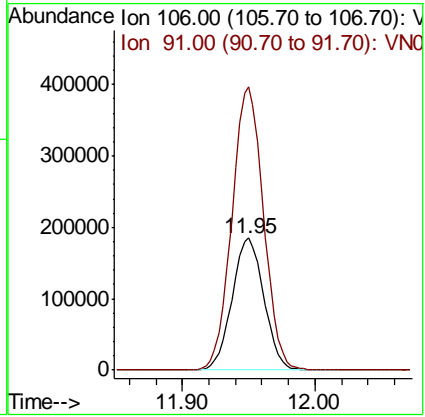
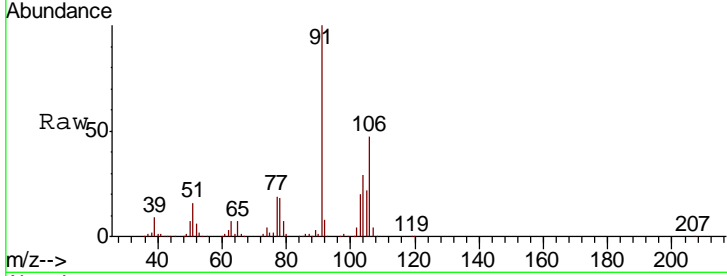


#69  
 o-Xylene  
 Concen: 20.82 ug/l  
 RT: 11.95 min Scan# 3222  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 Client Sampled : VN0809WBSD01

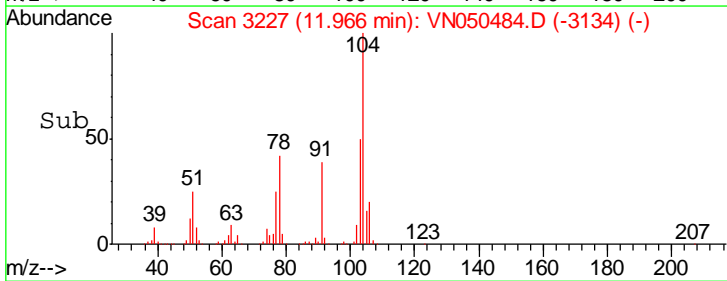
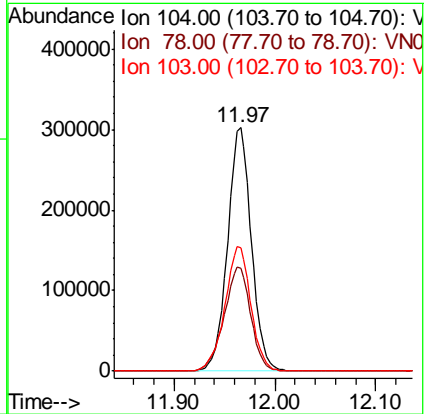
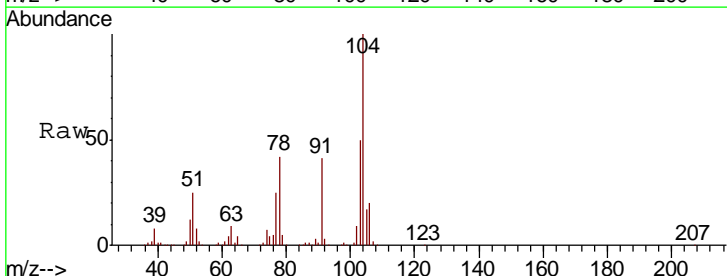
Tgt Ion: 106 Resp: 307391  
 Ion Ratio Lower Upper  
 106 100  
 91 212.9 107.7 323.1

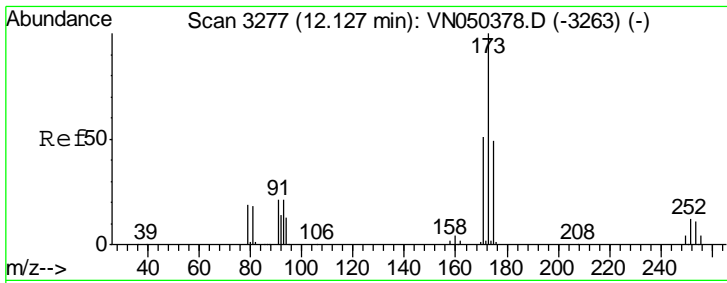
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#70  
 Styrene  
 Concen: 20.73 ug/l  
 RT: 11.97 min Scan# 3227  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion: 104 Resp: 497833  
 Ion Ratio Lower Upper  
 104 100  
 78 48.1 39.3 58.9  
 103 55.9 45.0 67.6





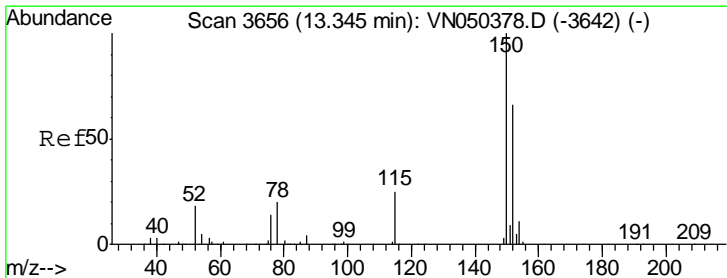
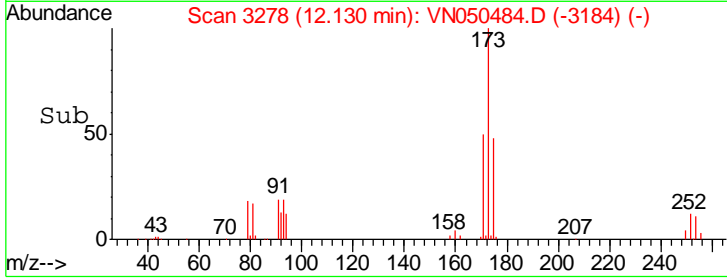
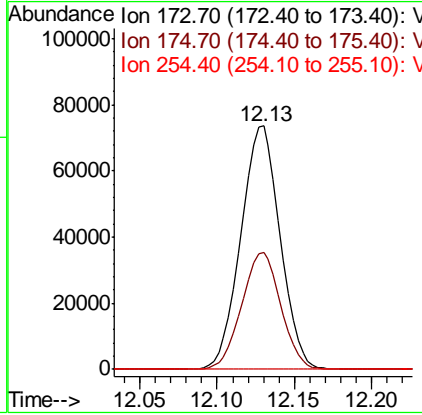
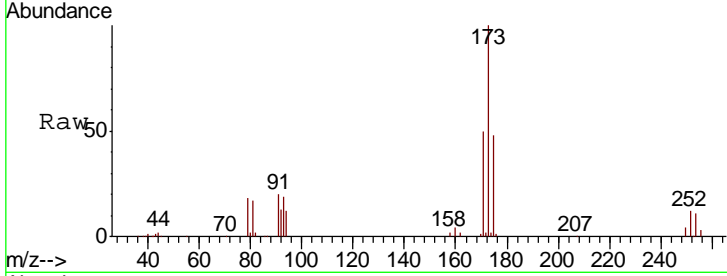
#71  
 Bromoform  
 Concen: 19.62 ug/l  
 RT: 12.13 min Scan# 3278  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
173	130001		
175	47.8	24.1	72.2
254	0.0	0.2	0.2#

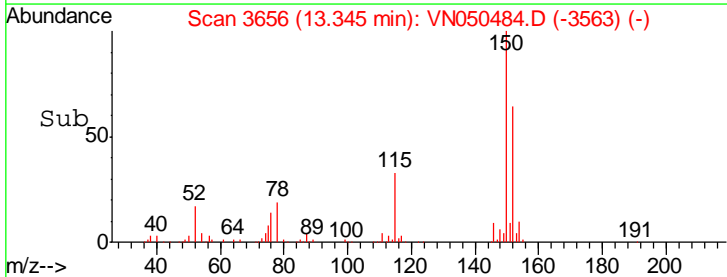
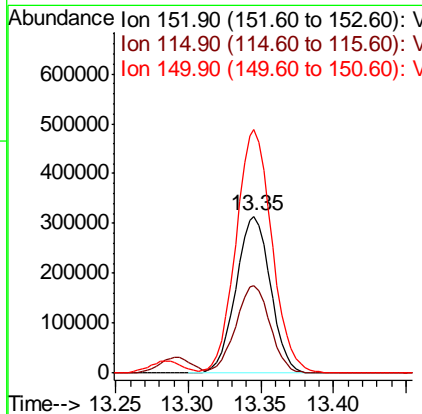
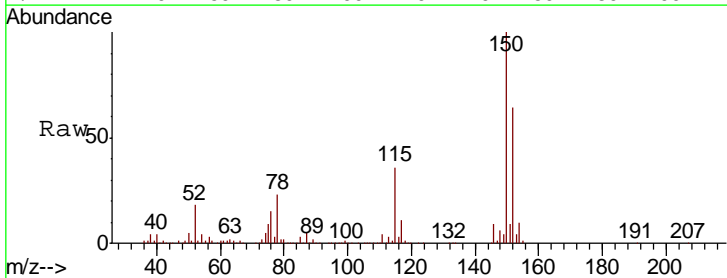
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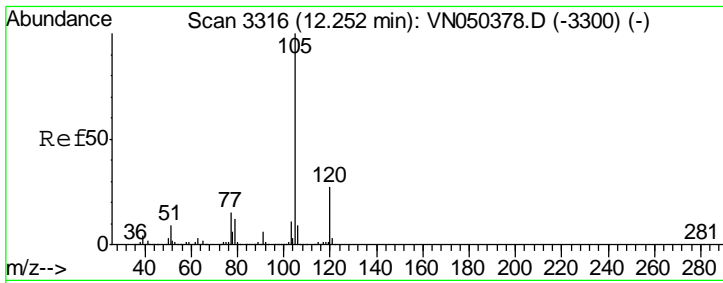


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.35 min Scan# 3656  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
152	519152		
152	100		
115	55.5	27.8	83.3
150	162.0	0.0	348.6





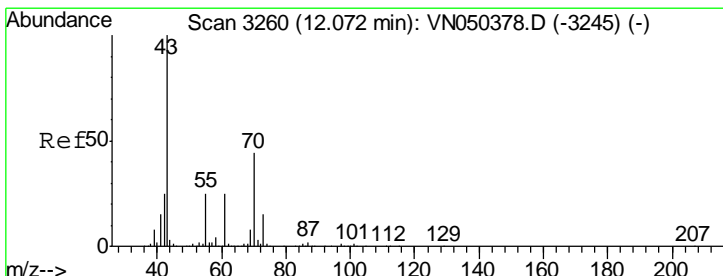
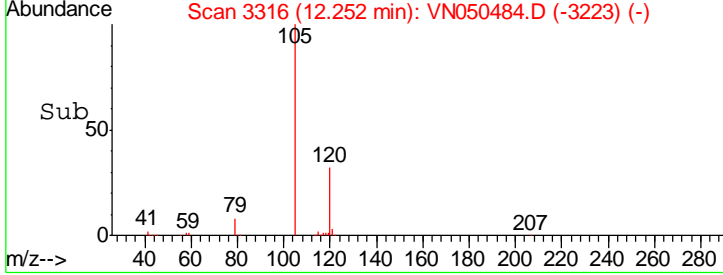
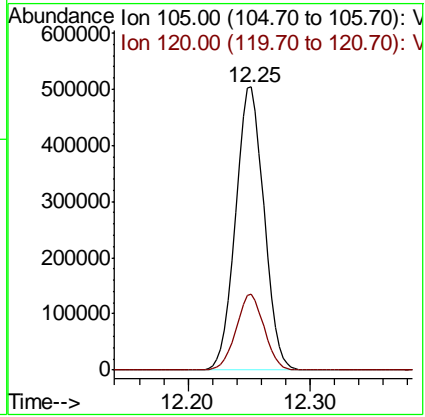
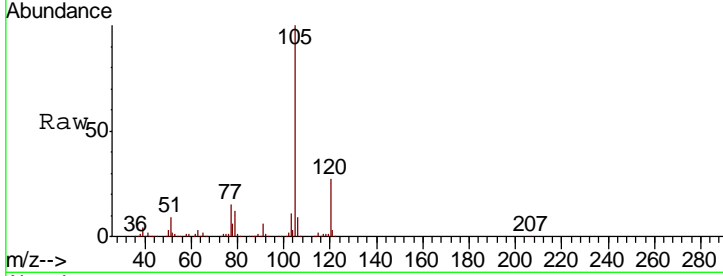


#73  
 Isopropylbenzene  
 Concen: 20.81 ug/l  
 RT: 12.25 min Scan# 3316  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

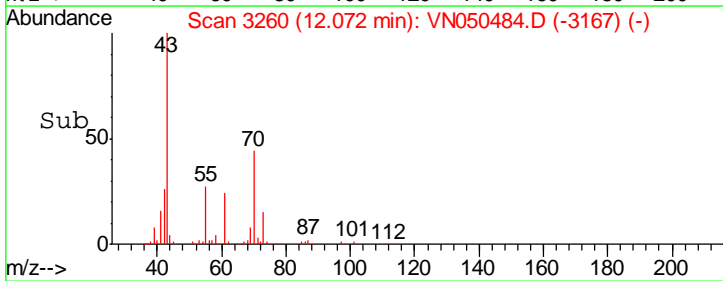
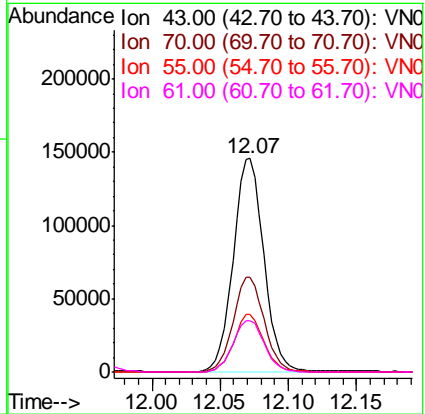
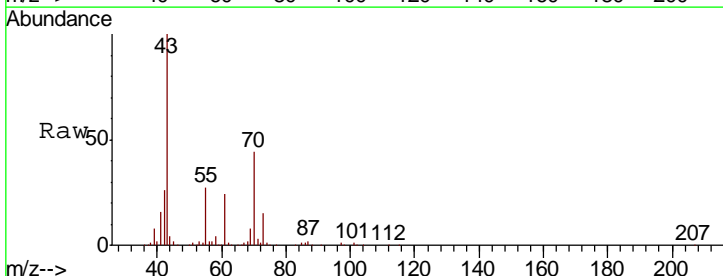
Tgt Ion	Resp	Lower	Upper
105	100		
120	26.4	13.3	39.8

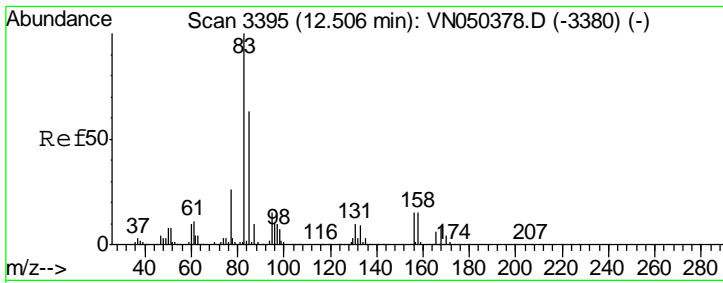
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#74  
 N-nyl acetate  
 Concen: 17.88 ug/l  
 RT: 12.07 min Scan# 3260  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
43	100		
70	45.0	34.4	51.6
55	26.5	20.8	31.2
61	24.7	19.7	29.5



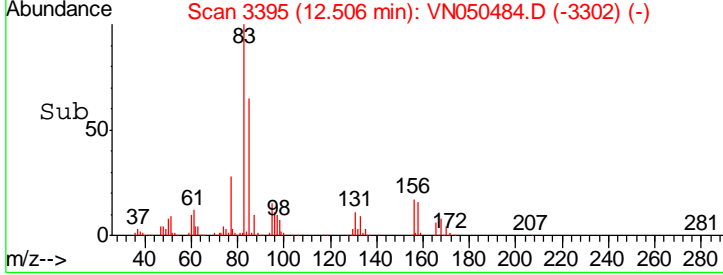
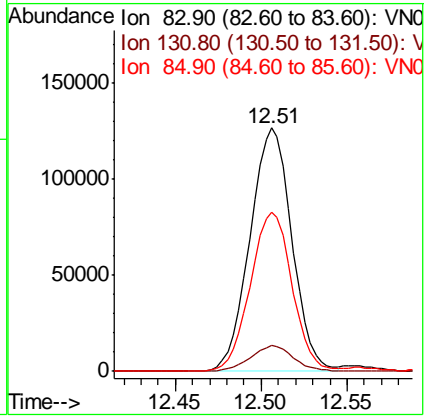
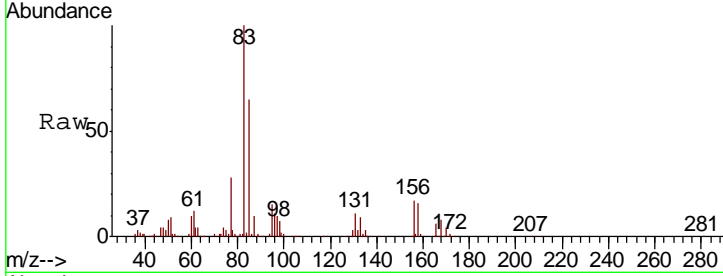


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.00 ug/l  
 RT: 12.51 min Scan# 3395  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0809WBSD01

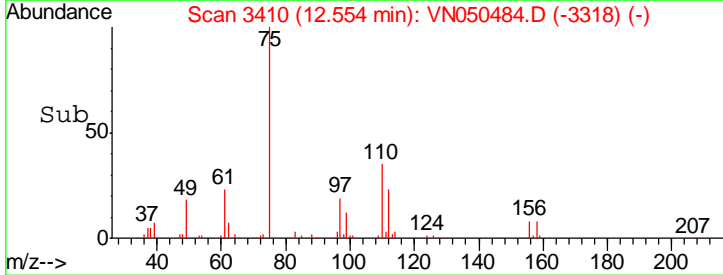
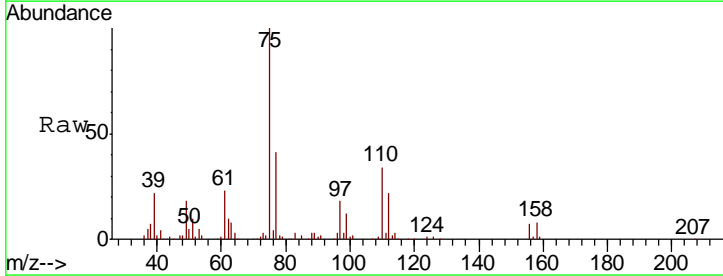
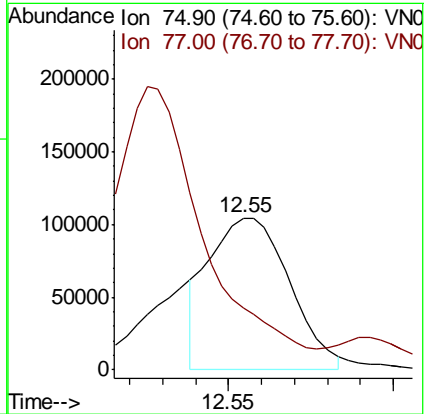
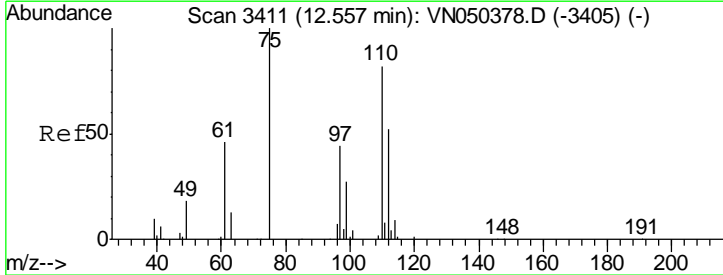
Tgt Ion	Resp	Lower	Upper
83	213612		
83	100		
131	10.8	5.1	15.3
85	65.1	32.3	96.8

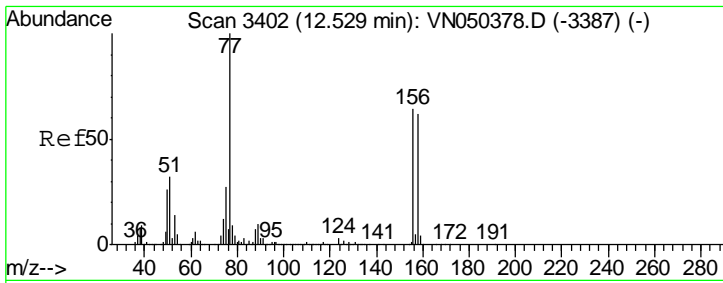
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 8/10/2018 10:52:54 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 18.91 ug/l m  
 RT: 12.55 min Scan# 3410  
 Delta R.T. -0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
75	177740		
75	100		
77	0.0	0.0	0.0



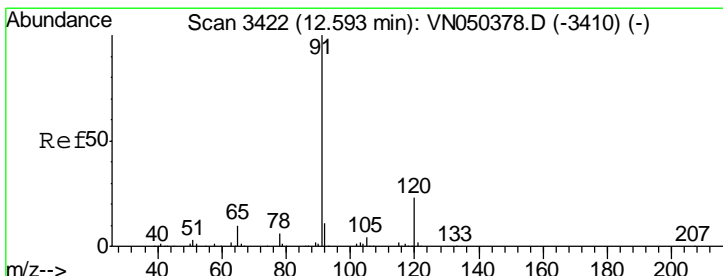
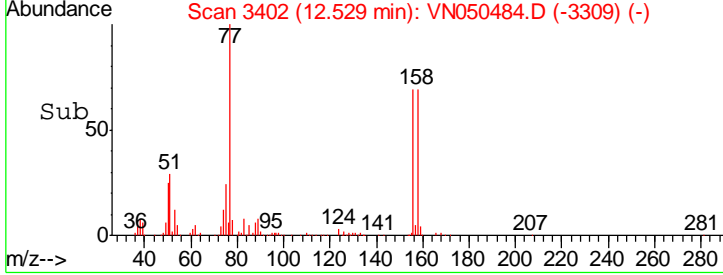
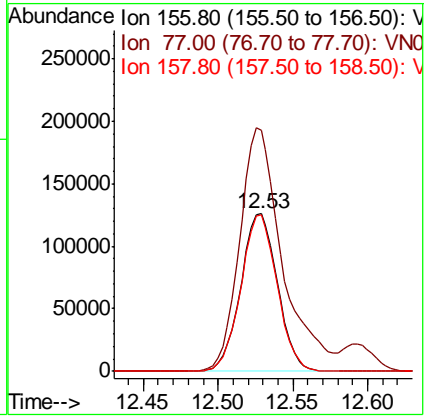
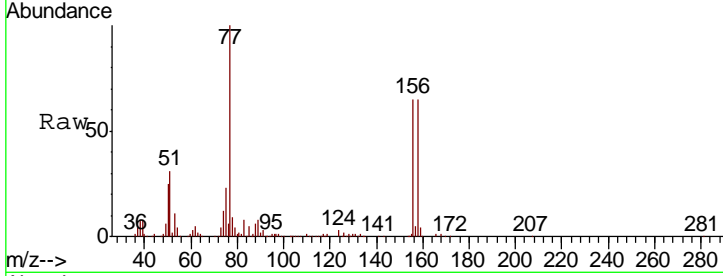


#77  
 Bromobenzene  
 Concen: 20.58 ug/l  
 RT: 12.53 min Scan# 3402  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

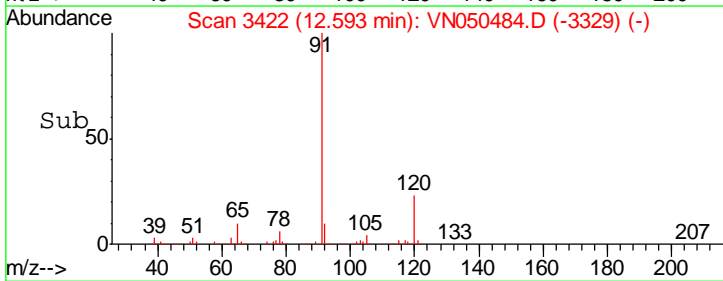
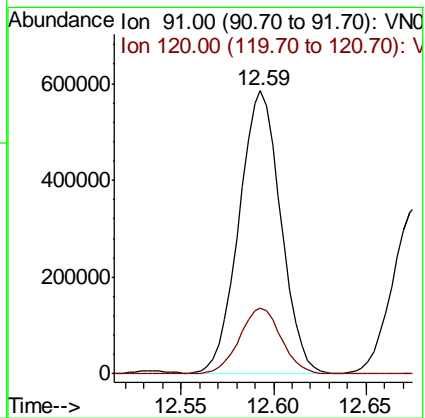
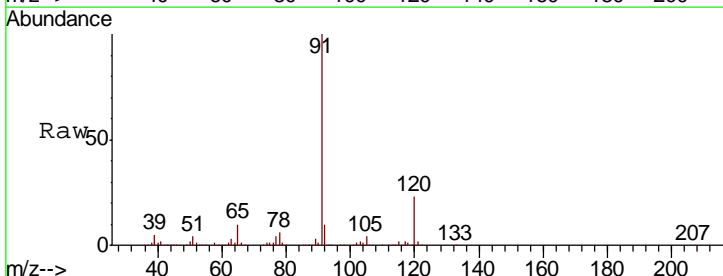
Tgt Ion	Resp	Lower	Upper
156	214815		
77	179.6	91.7	275.1
158	98.2	48.9	146.6

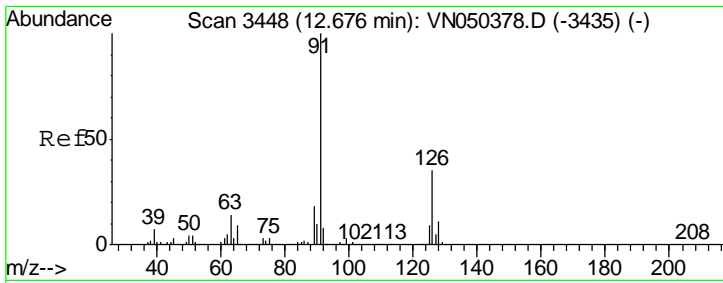
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#78  
 n-propylbenzene  
 Concen: 20.68 ug/l  
 RT: 12.59 min Scan# 3422  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
91	912116		
120	23.4	11.6	34.7



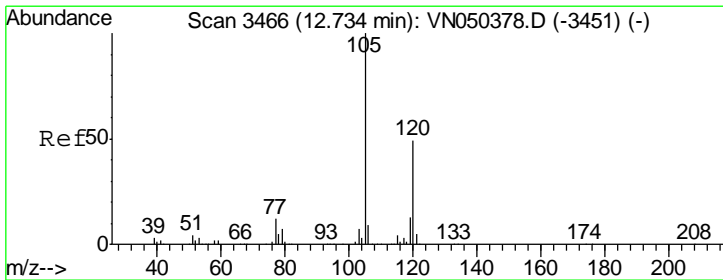
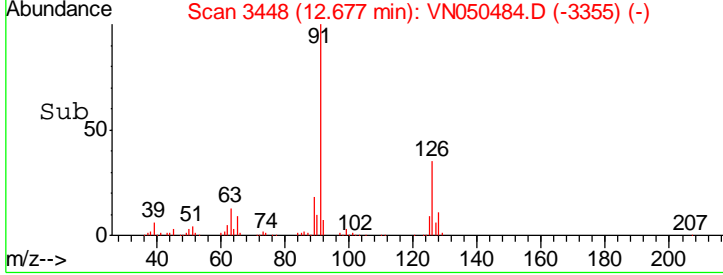
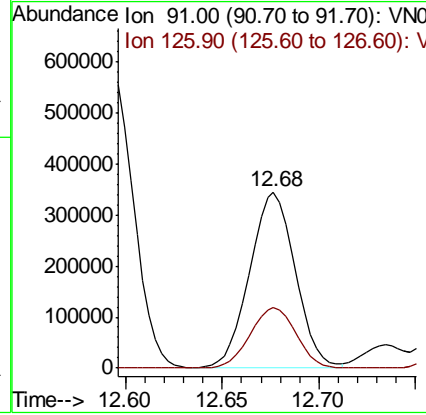
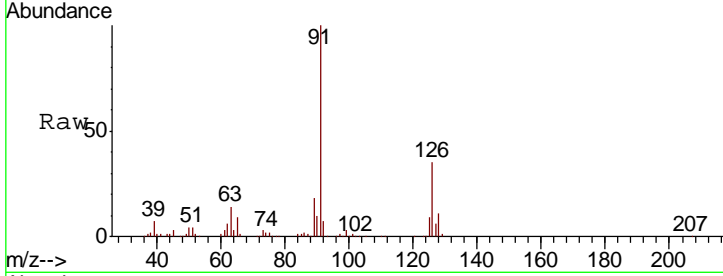


#79  
 2-Chlorotoluene  
 Concen: 20.75 ug/l  
 RT: 12.68 min Scan# 3448  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 Client Sampled : VN0809WBSD01

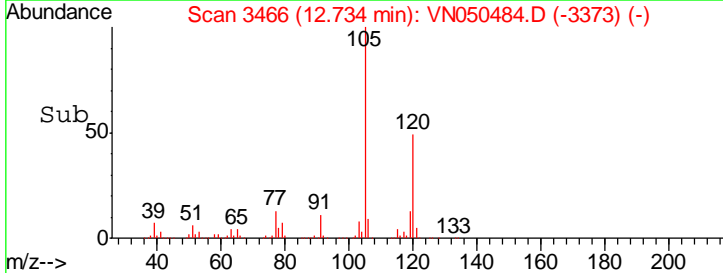
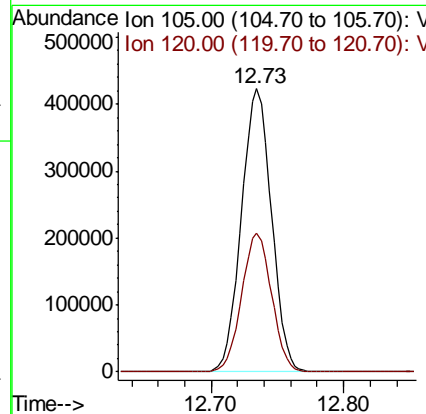
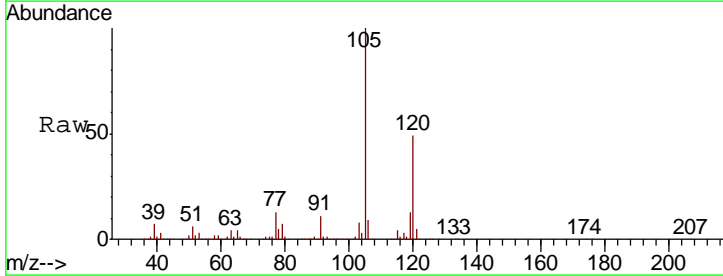
Tgt Ion	Resp	Lower	Upper
91	100		
126	34.9	17.6	52.8

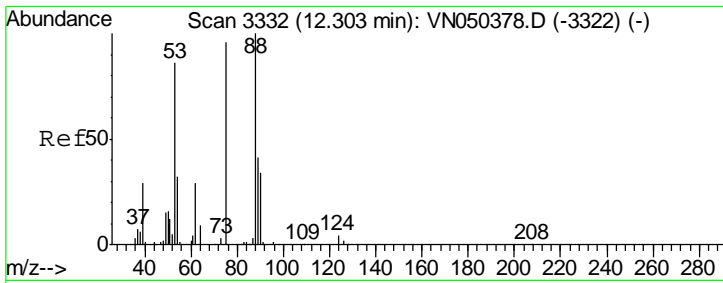
Manual Integrations  
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 MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.02 ug/l  
 RT: 12.73 min Scan# 3466  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
105	100		
120	49.0	24.4	73.2





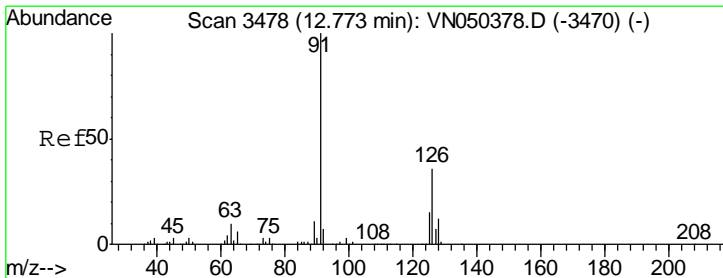
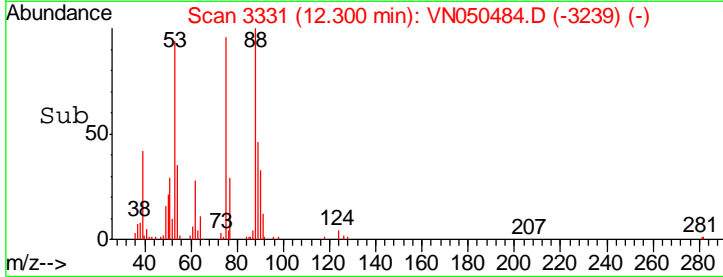
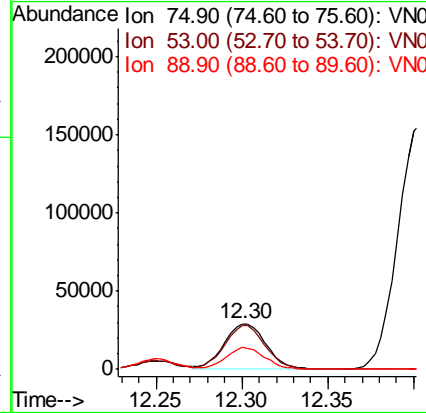
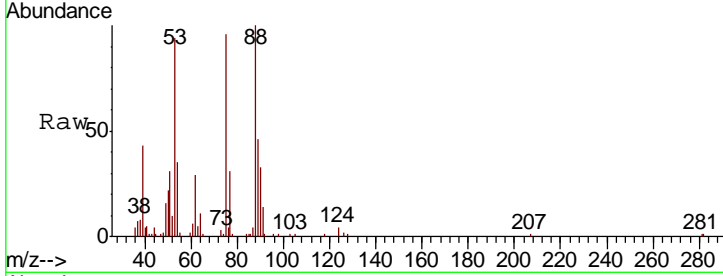
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 18.57 ug/l  
 RT: 12.30 min Scan# 3331  
 Delta R.T. -0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 Client Sampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
75	100		
53	94.0	73.5	110.3
89	44.9	36.0	54.0

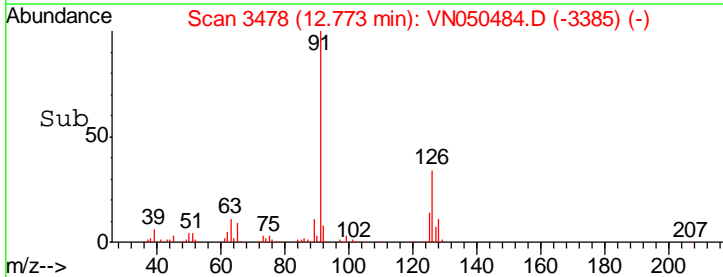
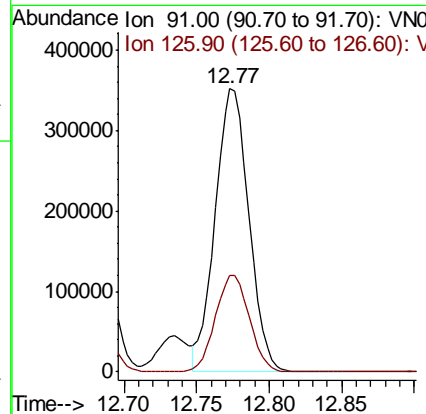
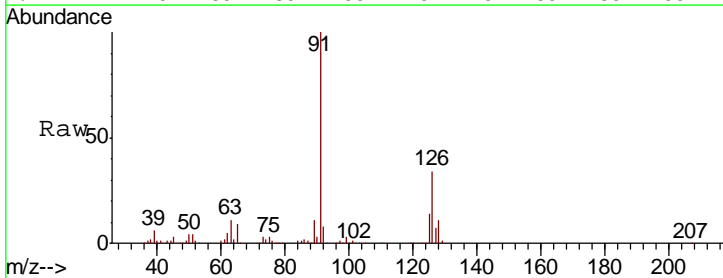
Manual Integrations  
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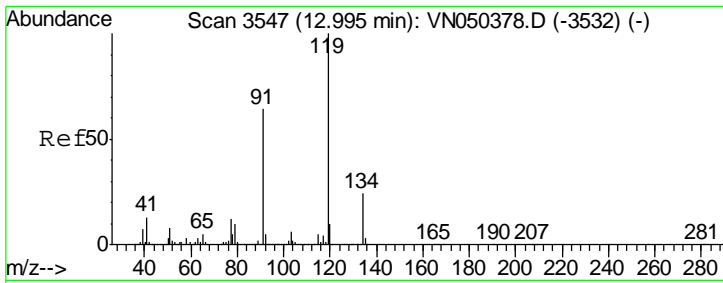
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#82  
 4-Chlorotoluene  
 Concen: 20.84 ug/l  
 RT: 12.77 min Scan# 3478  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
91	100		
126	34.5	17.0	51.0





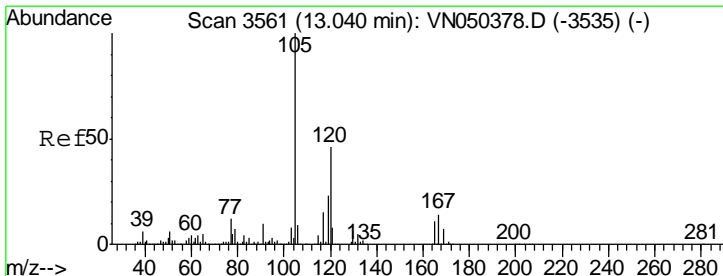
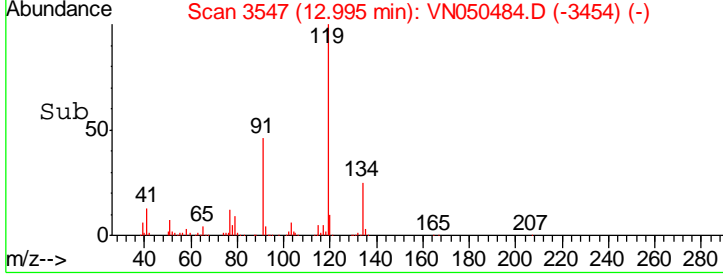
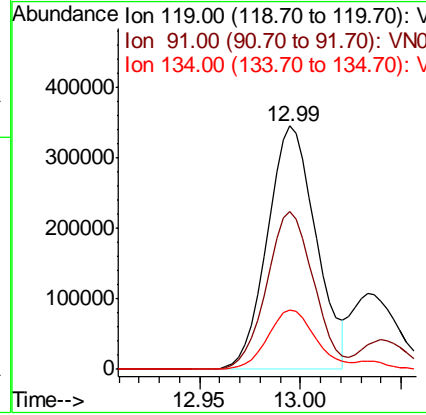
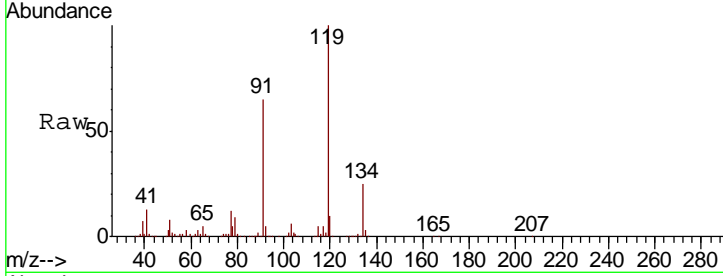
#83  
 tert-Butylbenzene  
 Concen: 20.97 ug/l  
 RT: 12.99 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 Client Sampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
119	100		
91	62.7	32.1	96.3
134	24.0	13.2	39.5

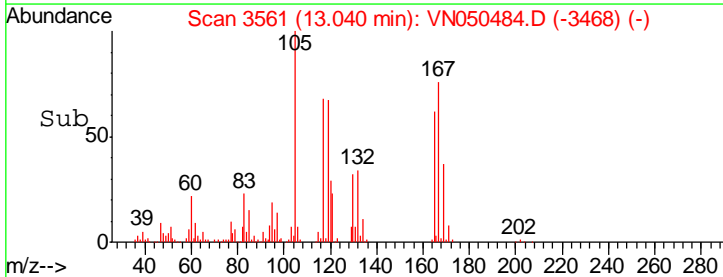
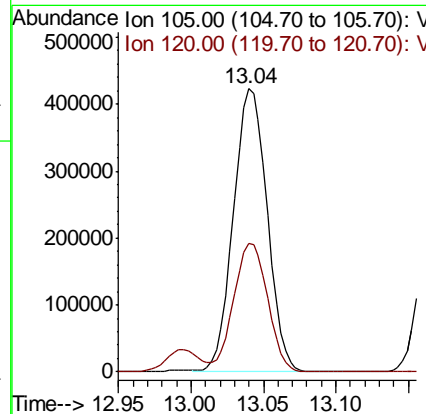
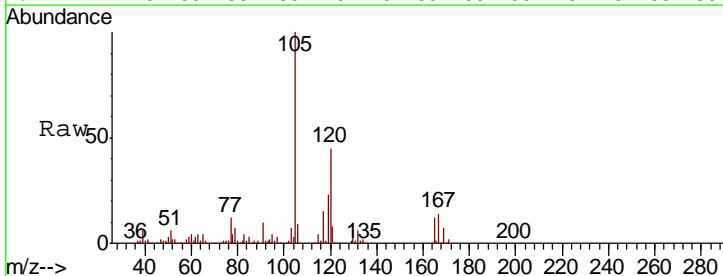
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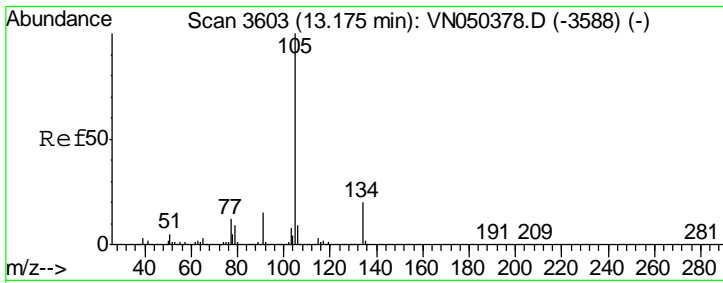
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 8/10/2018 10:52:54 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.35 ug/l  
 RT: 13.04 min Scan# 3561  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
105	100		
120	45.8	22.9	68.7



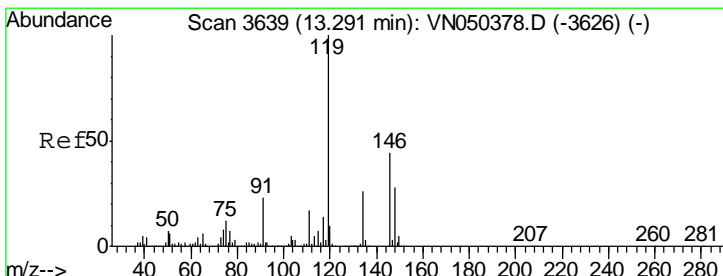
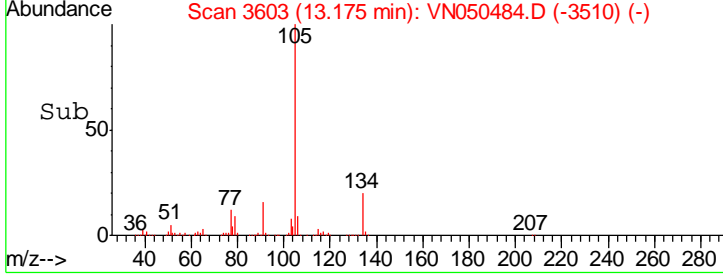
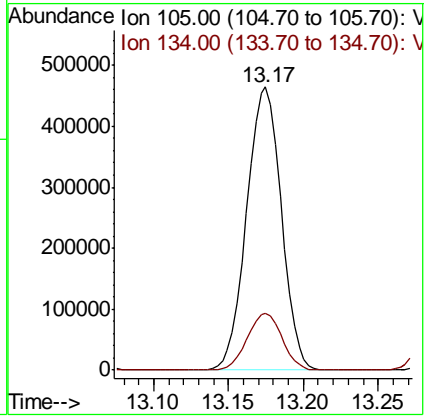
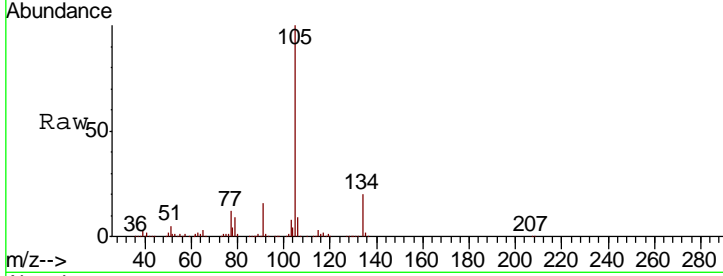


#85  
 sec-Butylbenzene  
 Concen: 20.34 ug/l  
 RT: 13.17 min Scan# 3603  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

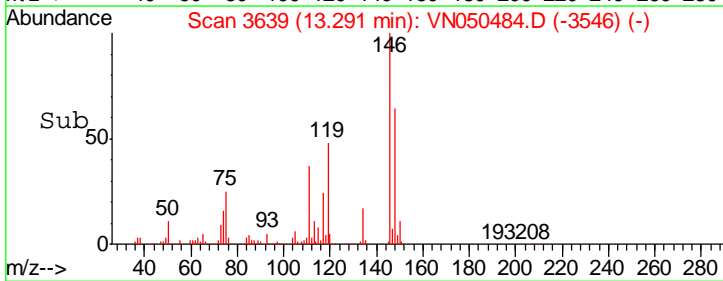
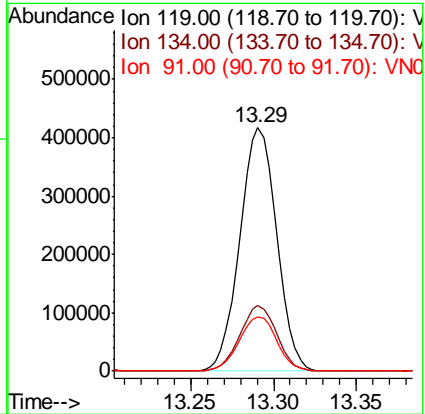
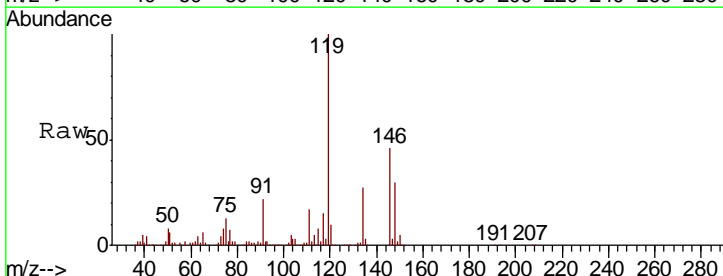
Tgt Ion	Resp	Lower	Upper
105	100		
134	20.3	10.1	30.1

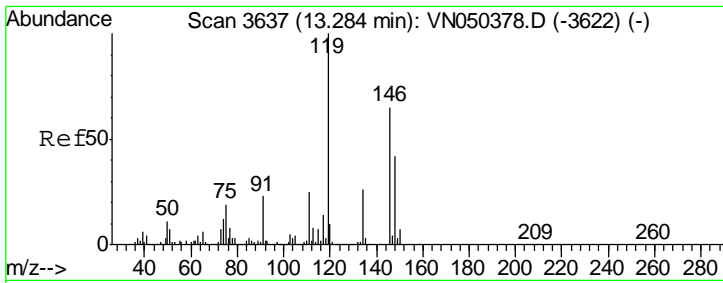
Manual Integrations  
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#86  
 p-Isopropyltoluene  
 Concen: 20.46 ug/l  
 RT: 13.29 min Scan# 3639  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
119	100		
134	26.9	13.3	39.8
91	22.6	11.4	34.2



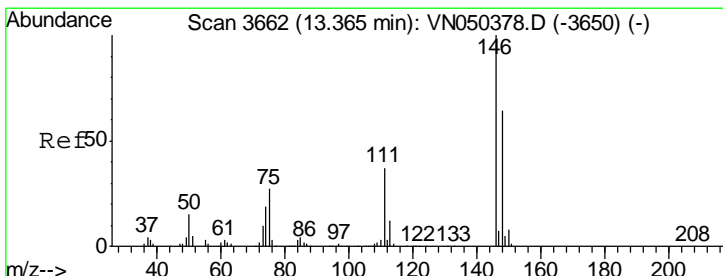
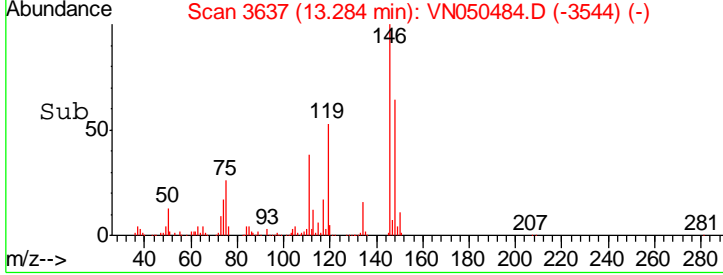
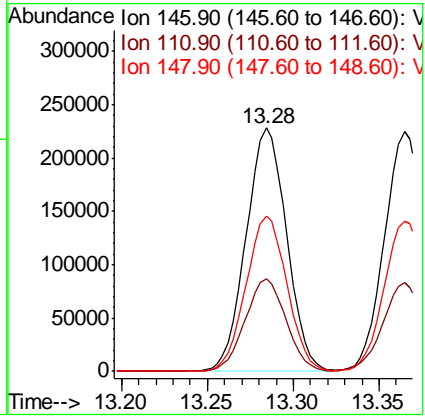
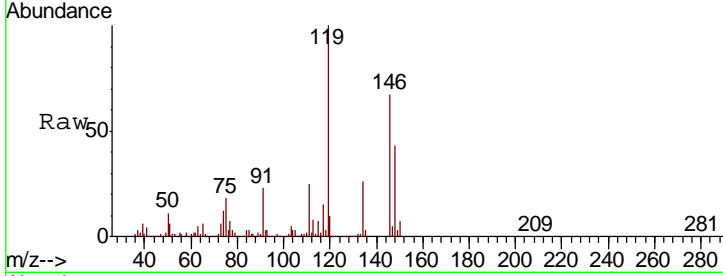


#87  
 1,3-Dichlorobenzene  
 Concen: 20.17 ug/l  
 RT: 13.28 min Scan# 3637  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

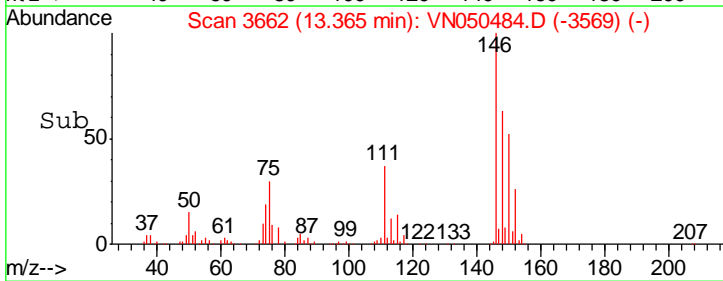
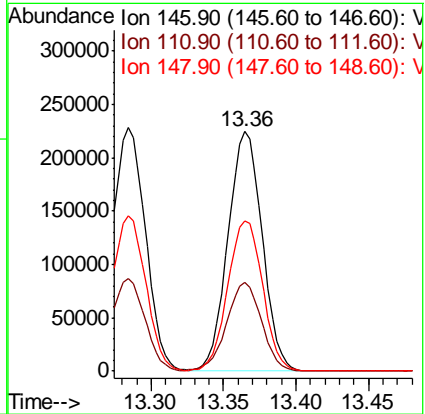
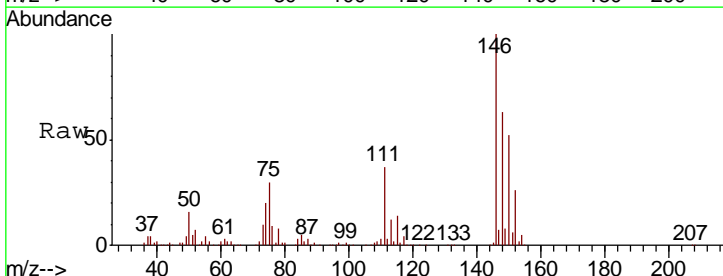
Tgt Ion	Resp	Lower	Upper
146	375146		
146	100		
111	38.2	18.8	56.4
148	64.4	31.9	95.9

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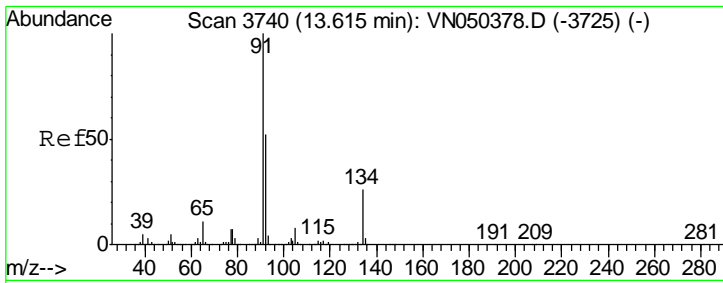


#88  
 1,4-Dichlorobenzene  
 Concen: 19.83 ug/l  
 RT: 13.36 min Scan# 3662  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
146	368166		
146	100		
111	38.0	18.3	54.9
148	64.1	31.9	95.9







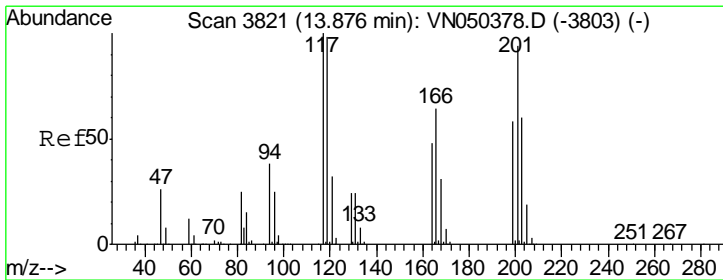
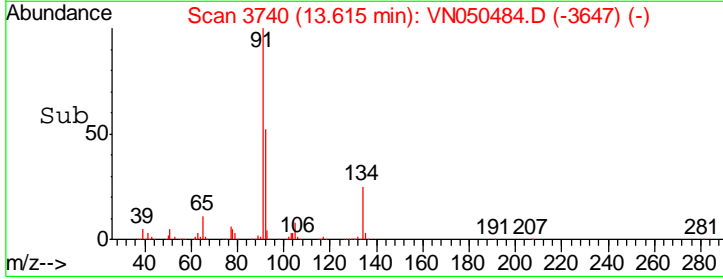
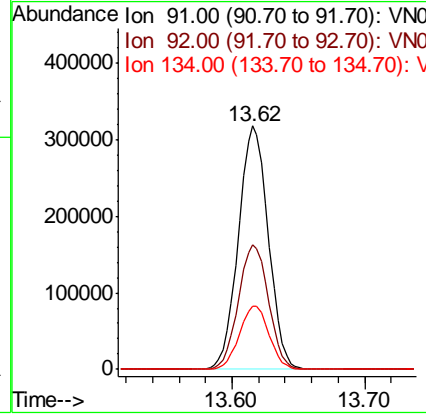
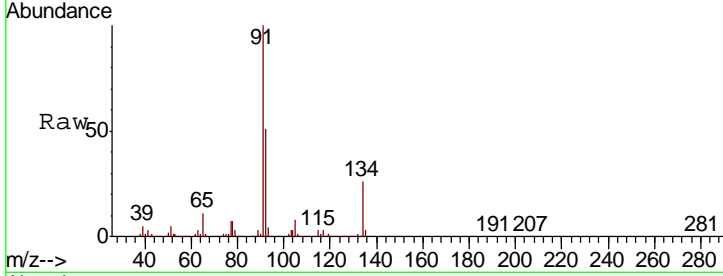
#89  
 n-Butylbenzene  
 Concen: 18.51 ug/l  
 RT: 13.62 min Scan# 3740  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
91	100		
92	51.6	25.8	77.4
134	26.0	12.8	38.4

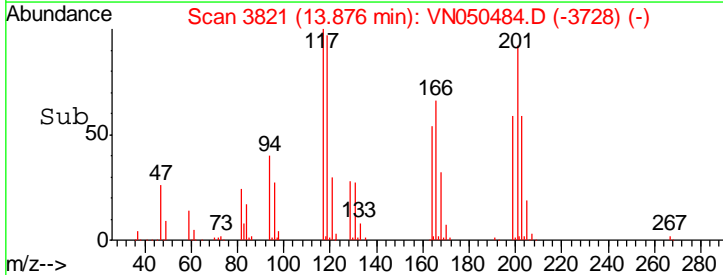
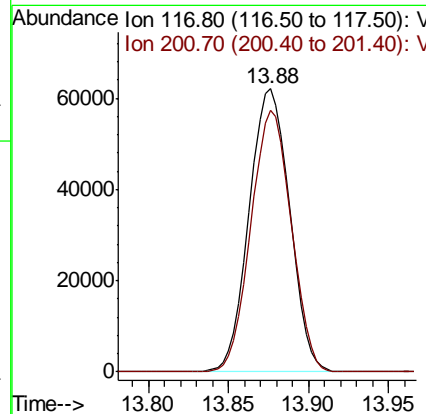
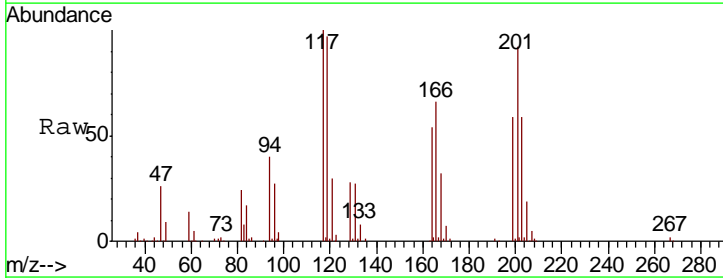
Manual Integrations  
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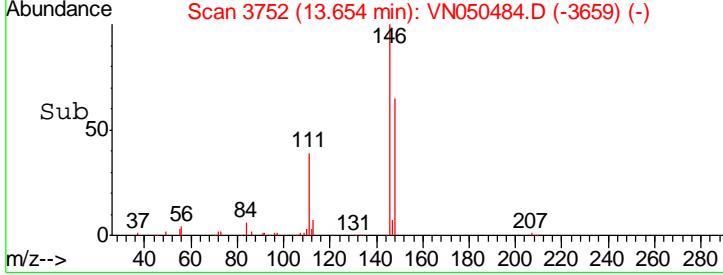
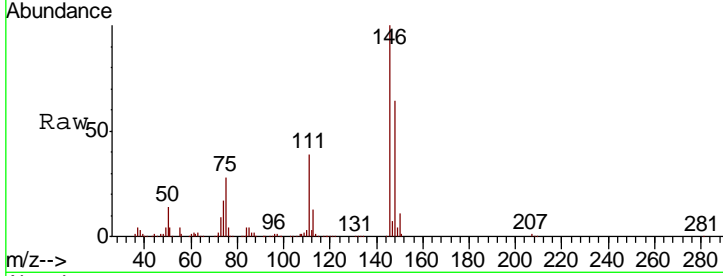
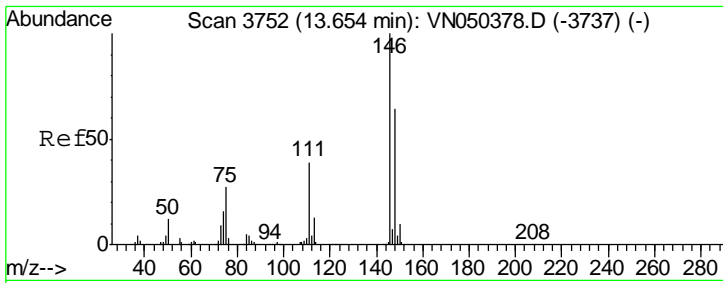
MMDadoda  
 8/10/2018 10:52:54 AM



#90  
 Hexachloroethane  
 Concen: 19.21 ug/l  
 RT: 13.88 min Scan# 3821  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
117	100		
201	91.9	45.6	136.8



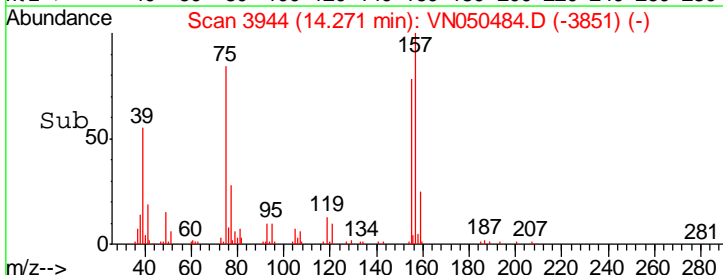
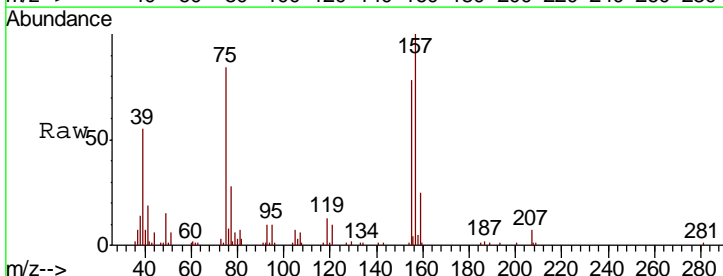
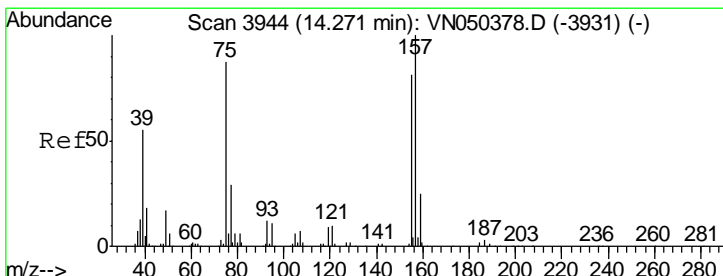
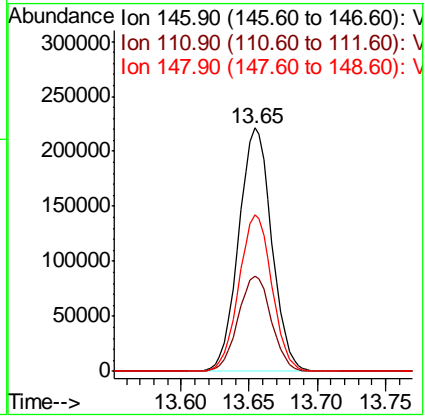


#91  
 1,2-Dichlorobenzene  
 Concen: 19.91 ug/l  
 RT: 13.65 min Scan# 3752  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
146	371046		
111	39.4	19.6	58.7
148	64.3	32.1	96.3

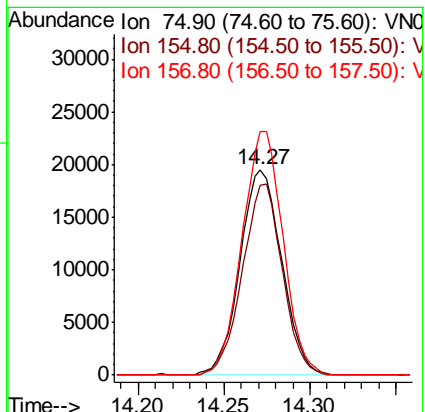
Instrument : MSVOA\_N  
 ClientSampled : VN0809WBSD01

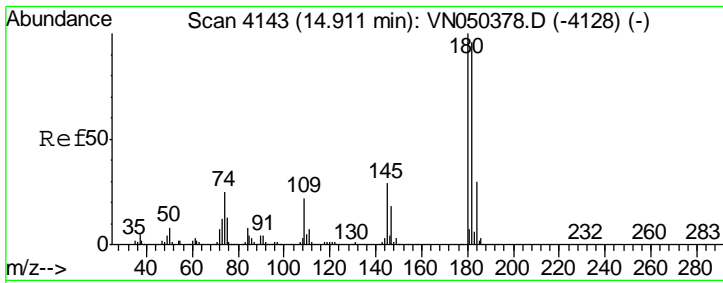
Manual Integrations  
**APPROVED**  
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 8/10/2018 10:52:54 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.22 ug/l  
 RT: 14.27 min Scan# 3944  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
75	32868		
155	88.9	44.8	134.4
157	116.4	57.2	171.6



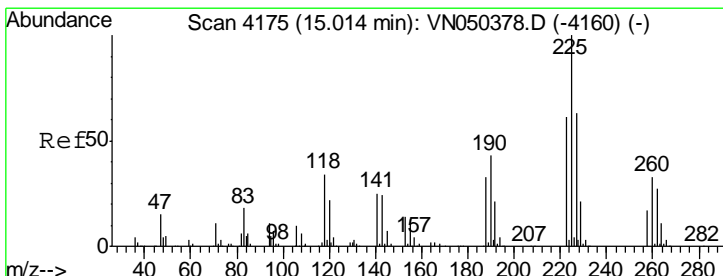
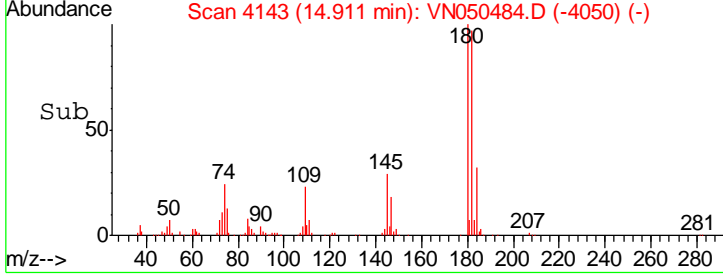
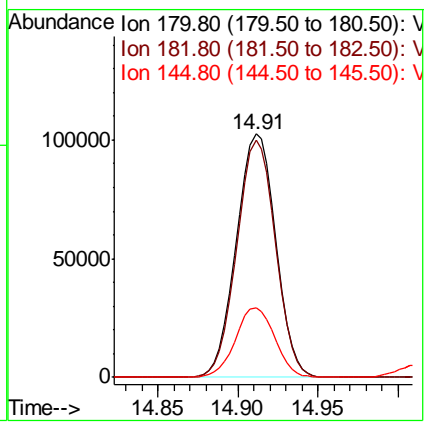
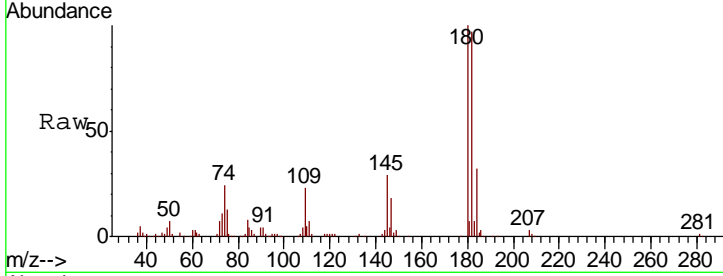


#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.09 ug/l  
 RT: 14.91 min Scan# 4143  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0809WBSD01

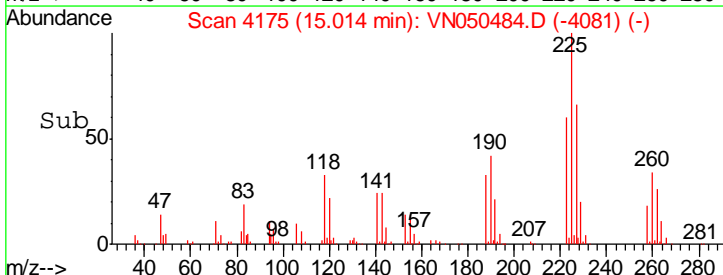
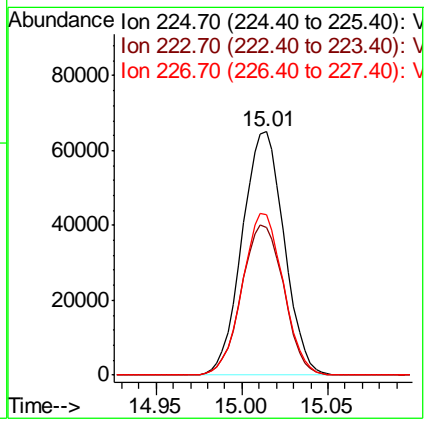
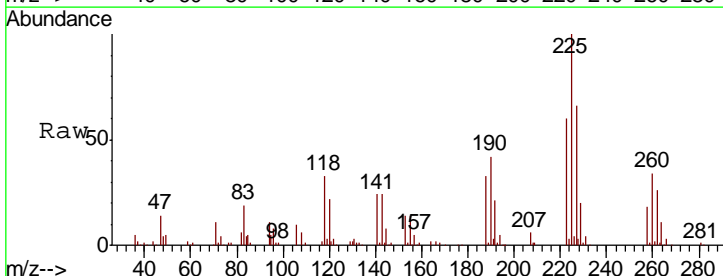
Tgt Ion	Resp	Lower	Upper
180	171781		
182	95.6	46.7	140.1
145	28.8	13.8	41.4

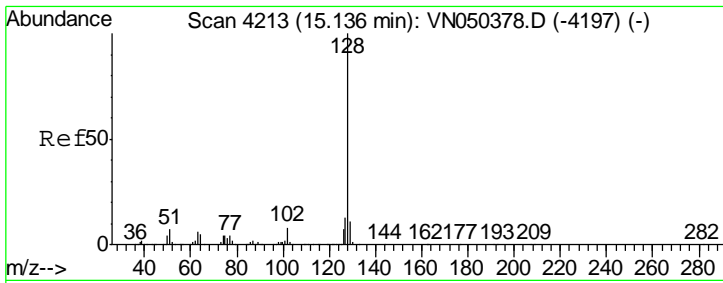
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 8/10/2018 10:52:54 AM



#94  
 Hexachlorobutadiene  
 Concen: 20.27 ug/l  
 RT: 15.01 min Scan# 4175  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
225	110181		
223	61.9	31.4	94.2
227	64.9	32.1	96.5





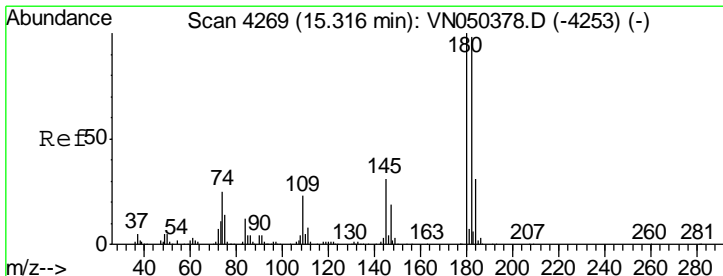
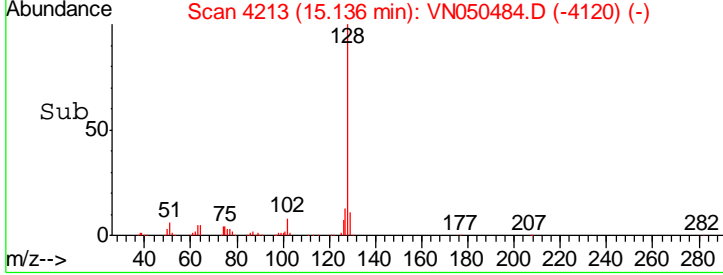
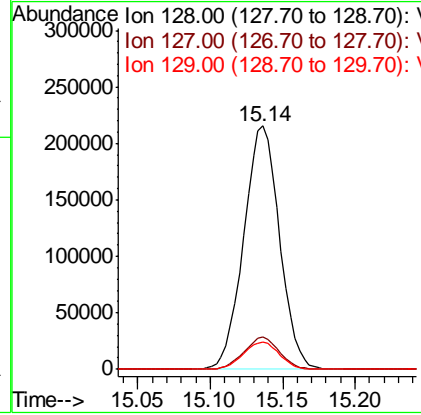
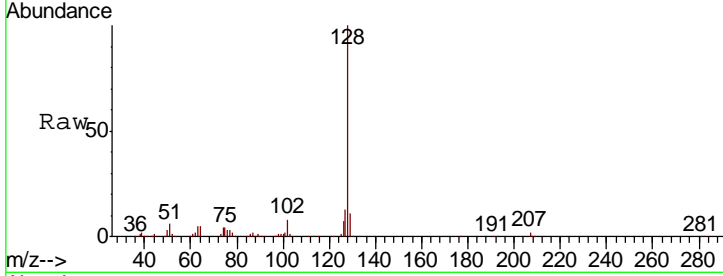
#95  
 Naphthalene  
 Concen: 17.28 ug/l  
 RT: 15.14 min Scan# 4213  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Instrument : MSVOA\_N  
 Client Sampled : VN0809WBSD01

Tgt Ion	Resp	Lower	Upper
128	370160		
127	13.1	10.4	15.6
129	11.3	8.8	13.2

Manual Integrations  
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#96  
 1,2,3-Trichlorobenzene  
 Concen: 17.45 ug/l  
 RT: 15.32 min Scan# 4269  
 Delta R.T. 0.00 min  
 Lab File: VN050484.D  
 Acq: 9 Aug 2018 14:37

Tgt Ion	Resp	Lower	Upper
180	167544		
182	96.2	48.1	144.4
145	31.2	15.3	45.9

