

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011419\
 Data File : VN053394.D
 Acq On : 14 Jan 2019 16:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050EC

Manual Integrations
APPROVED
 MMDadoda
 1/15/2019 11:14:40 AM

Quant Time: Jan 14 23:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	841268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1237772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1141889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	580716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	405996	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	7.59	113	362749	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.09	98	1485072	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	546023	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	362143	48.829	ug/l	100
3) Chloromethane	2.06	50	473567	45.723	ug/l	100
4) Vinyl Chloride	2.19	62	460034	46.536	ug/l	98
5) Bromomethane	2.57	94	312537	48.383	ug/l	99
6) Chloroethane	2.71	64	277123	46.444	ug/l	99
7) Trichlorofluoromethane	3.02	101	620604	48.468	ug/l	100
8) Diethyl Ether	3.41	74	237305	47.284	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	406809	50.130	ug/l	100
10) Methyl Iodide	3.96	142	579783	50.969	ug/l	100
11) Tert butyl alcohol	4.77	59	120348	228.610	ug/l	99
12) 1,1-Dichloroethene	3.74	96	375980	47.898	ug/l	99
13) Acrolein	3.61	56	191334	289.068	ug/l	97
14) Allyl chloride	4.33	41	598050	47.271	ug/l	99
15) Acrylonitrile	4.99	53	733173	233.303	ug/l	100
16) Acetone	3.81	43	589181	279.974	ug/l	99
17) Carbon Disulfide	4.06	76	1029582	42.544	ug/l	99
18) Methyl Acetate	4.32	43	359014	45.323	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1061828	48.198	ug/l	99
20) Methylene Chloride	4.55	84	436670	46.453	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	400866	47.562	ug/l	99
22) Diisopropyl ether	5.95	45	1350261	49.542	ug/l	98
23) Vinyl Acetate	5.90	43	4207648	245.355	ug/l	100
24) 1,1-Dichloroethane	5.85	63	767038	48.796	ug/l	99
25) 2-Butanone	6.83	43	856504	238.532	ug/l	99
26) 2,2-Dichloropropane	6.83	77	589678	51.318	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	477402	49.601	ug/l	99
28) Bromochloromethane	7.20	49	327737	48.926	ug/l	99
29) Tetrahydrofuran	7.21	42	537349	226.772	ug/l	99
30) Chloroform	7.37	83	756496	48.894	ug/l	99
31) Cyclohexane	7.65	56	719665	48.170	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	630272	48.885	ug/l	99
36) 1,1-Dichloropropene	7.79	75	589385	51.005	ug/l	99
37) Ethyl Acetate	6.93	43	358247	47.597	ug/l	100
38) Carbon Tetrachloride	7.77	117	551127	51.673	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	750009	56.025	ug/l	98
40) Benzene	8.04	78	1766925	50.058	ug/l	100
41) Methacrylonitrile	7.17	41	210819	45.115	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	524967	50.140	ug/l	100
43) Isopropyl Acetate	8.16	43	658692	44.486	ug/l	99
44) Trichloroethene	8.83	130	488652	50.417	ug/l	100
45) 1,2-Dichloropropane	9.12	63	472822	51.073	ug/l	100
46) Dibromomethane	9.21	93	273476	50.664	ug/l	99
47) Bromodichloromethane	9.40	83	584037	51.920	ug/l	99
48) Methyl methacrylate	9.20	41	329454	48.975	ug/l	100
49) 1,4-Dioxane	9.20	88	71915	1003.402	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1834399	246.356	ug/l	100
52) Toluene	10.16	92	1121688	51.798	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	608194	52.853	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	701546	52.758	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	398866	50.094	ug/l	99
56) Ethyl methacrylate	10.43	69	533585	51.568	ug/l	100
57) 1,3-Dichloropropane	10.71	76	676451	50.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1390295	248.535	ug/l	100
59) 2-Hexanone	10.75	43	1316245	257.996	ug/l	100
60) Dibromochloromethane	10.90	129	450251	52.427	ug/l	99
61) 1,2-Dibromoethane	11.00	107	394519	50.209	ug/l	98
64) Tetrachloroethene	10.63	164	542833	50.508	ug/l	99
65) Chlorobenzene	11.43	112	1262498	50.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	440086	50.687	ug/l	100
67) Ethyl Benzene	11.51	91	2211088	52.456	ug/l	100
68) m/p-Xylenes	11.62	106	1685418	106.336	ug/l	100
69) o-Xylene	11.95	106	824011	53.103	ug/l	99
70) Styrene	11.96	104	1362729	53.960	ug/l	100
71) Bromoform	12.13	173	315640	51.468	ug/l #	100
73) Isopropylbenzene	12.25	105	2219159	51.327	ug/l	100
74) N-amyl acetate	12.07	43	620337	48.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	457075	45.957	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	373346m	44.078	ug/l	
77) Bromobenzene	12.53	156	568029	49.225	ug/l	100
78) n-propylbenzene	12.59	91	2609723	53.362	ug/l	99
79) 2-Chlorotoluene	12.67	91	1489141	50.322	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1840502	52.848	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	146946	51.043	ug/l	99
82) 4-Chlorotoluene	12.77	91	1548241	51.023	ug/l	100
83) tert-Butylbenzene	12.99	119	1620667	53.040	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1869760	52.699	ug/l	100
85) sec-Butylbenzene	13.17	105	2254724	55.953	ug/l	100
86) p-Isopropyltoluene	13.29	119	1982108	56.811	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1046205	51.484	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1035075	51.348	ug/l	100
89) n-Butylbenzene	13.62	91	1728225	59.082	ug/l	100
90) Hexachloroethane	13.88	117	306809	54.864	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	991218	52.074	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	66659	55.257	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	422900	70.660	ug/l	100
94) Hexachlorobutadiene	15.01	225	325874	66.568	ug/l	99
95) Naphthalene	15.13	128	699357	68.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	293834	74.987	ug/l	99

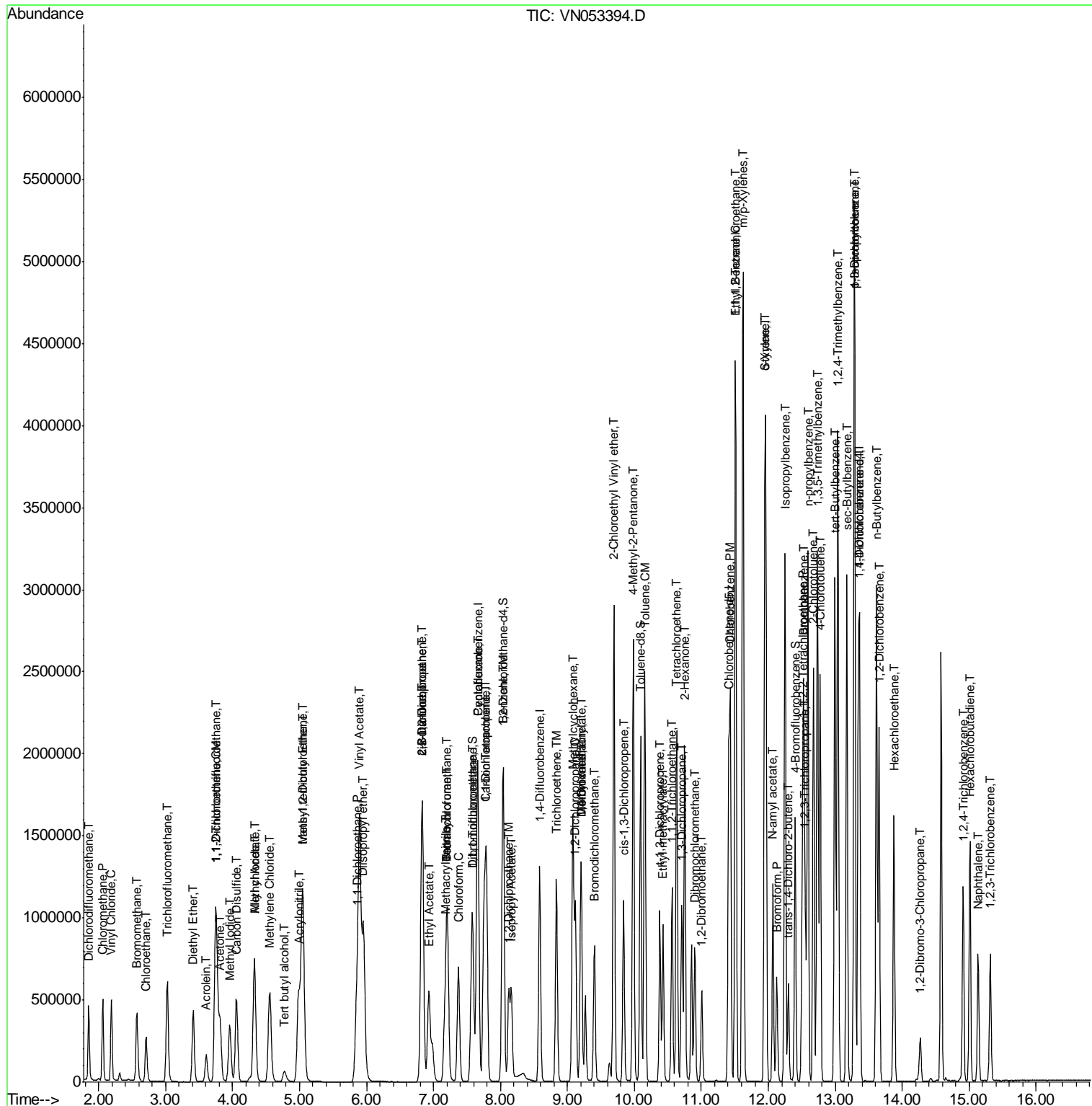
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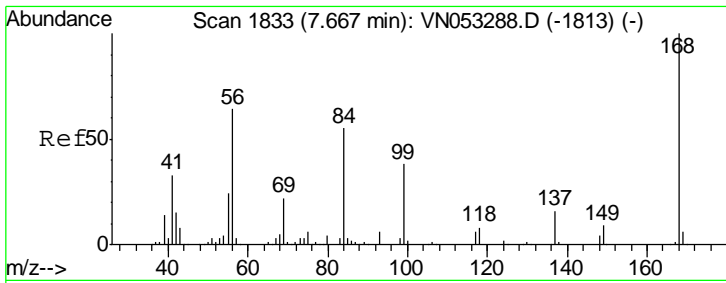
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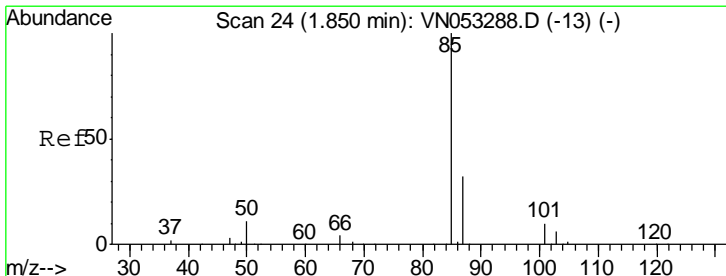
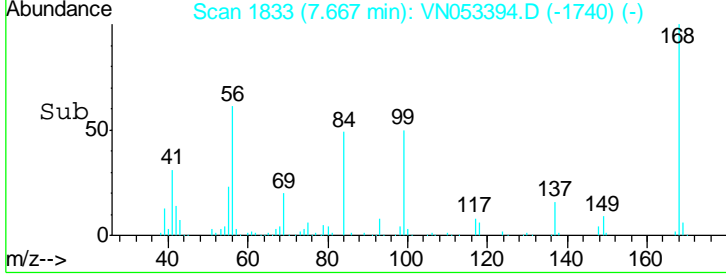
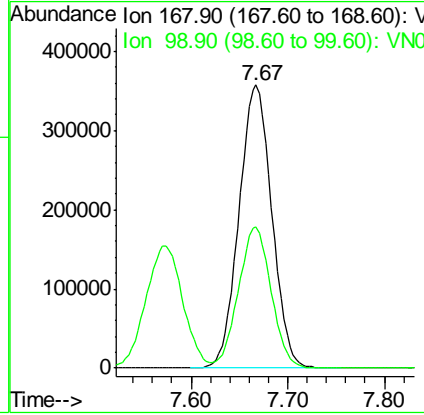
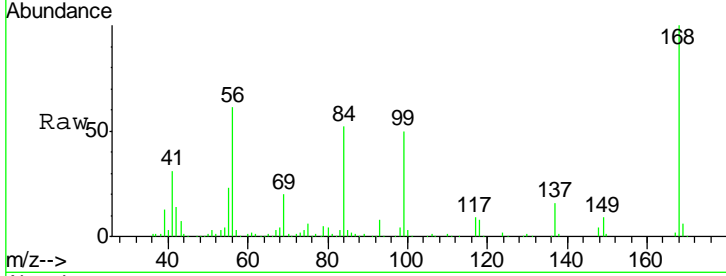
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 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
168	100		
99	49.9	39.1	58.7

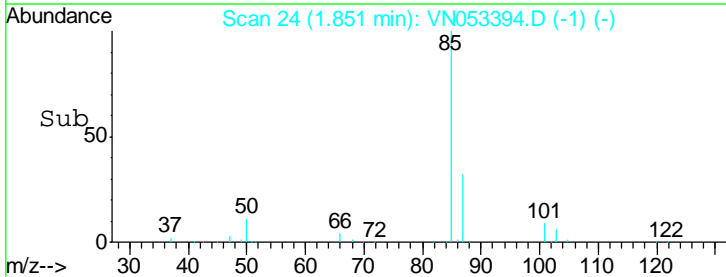
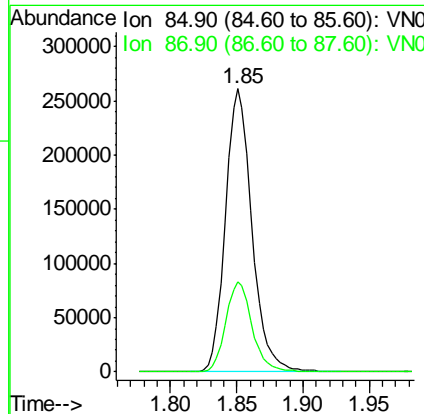
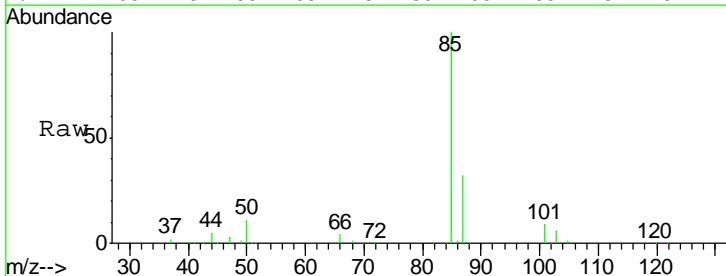
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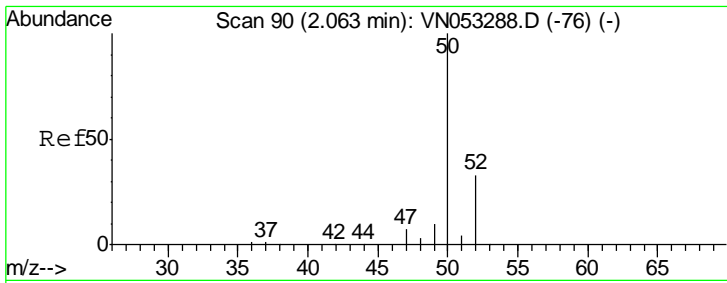
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#2
 Dichlorodifluoromethane
 Concen: 48.829 ug/l
 RT: 1.85 min Scan# 24
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
85	100		
87	32.0	16.0	47.9





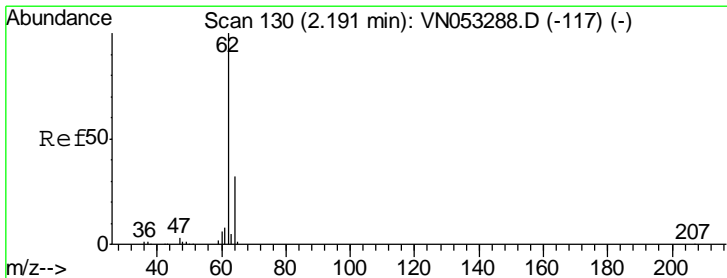
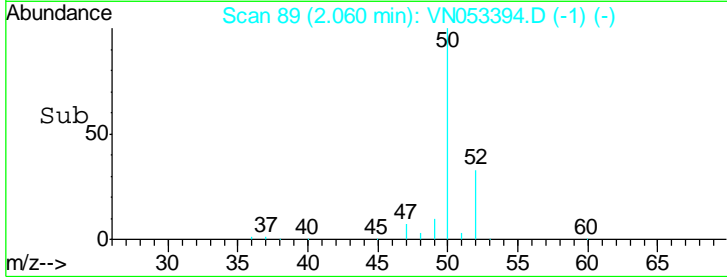
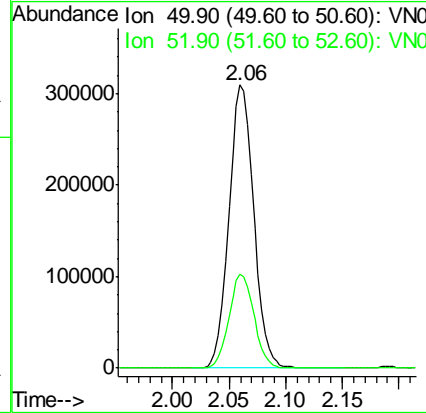
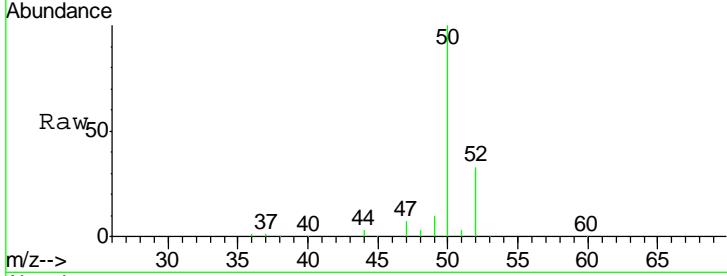
#3
 Chloromethane
 Concen: 45.723 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
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 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
50	100		
52	33.1	26.6	40.0

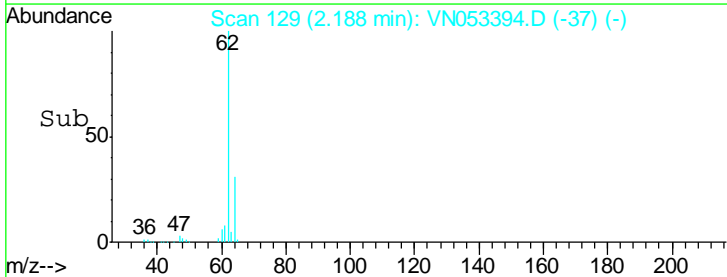
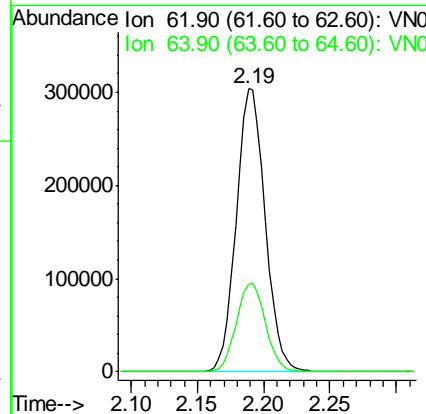
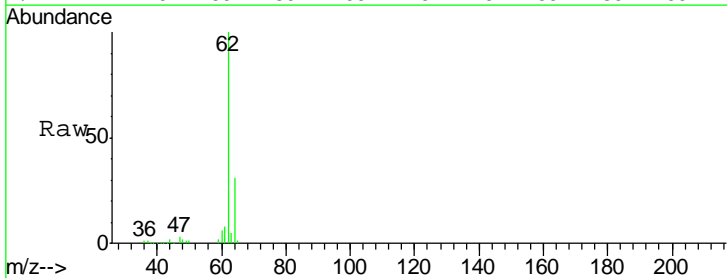
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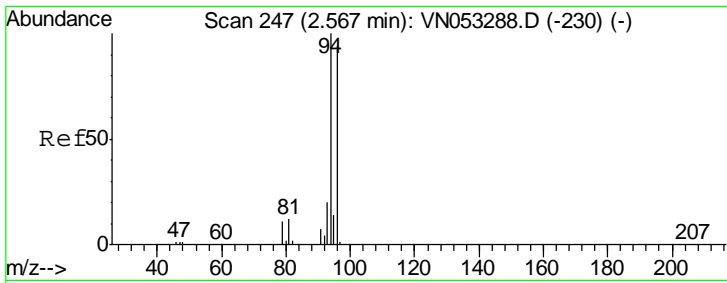
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#4
 Vinyl Chloride
 Concen: 46.536 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
62	100		
64	31.1	25.6	38.4





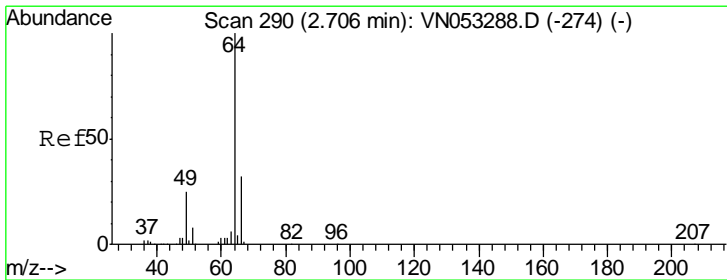
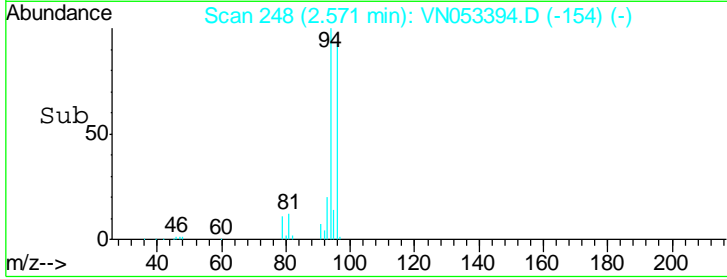
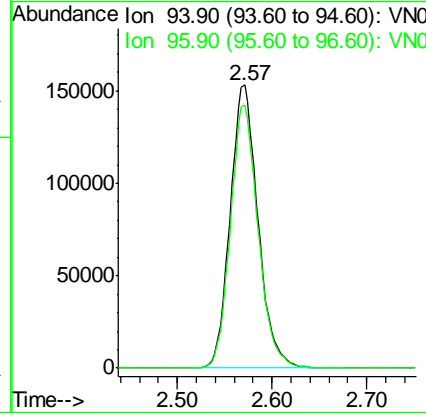
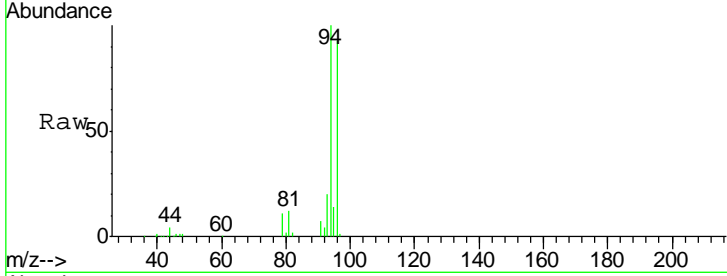
#5
 Bromomethane
 Concen: 48.383 ug/l
 RT: 2.57 min Scan# 248
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
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ClientSampled :
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Tgt Ion	Resp	Lower	Upper
94	312537		
96	92.9	74.9	112.3

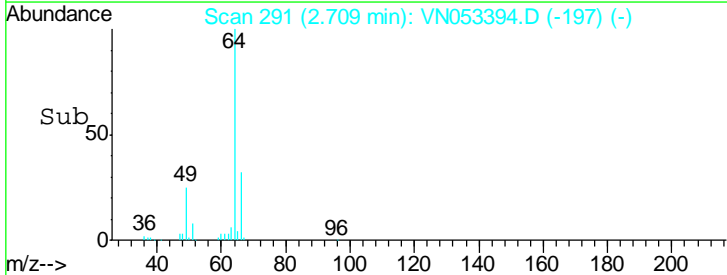
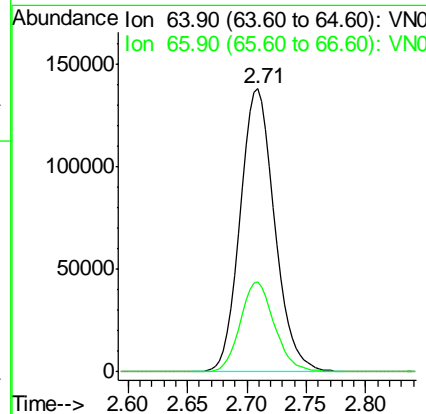
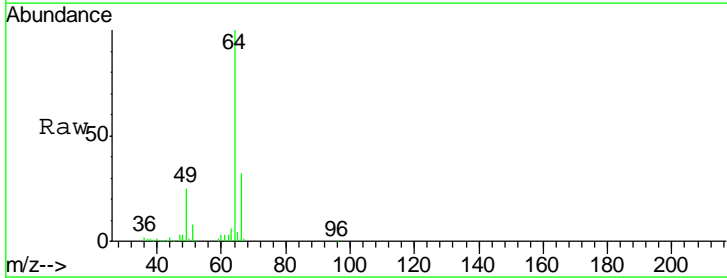
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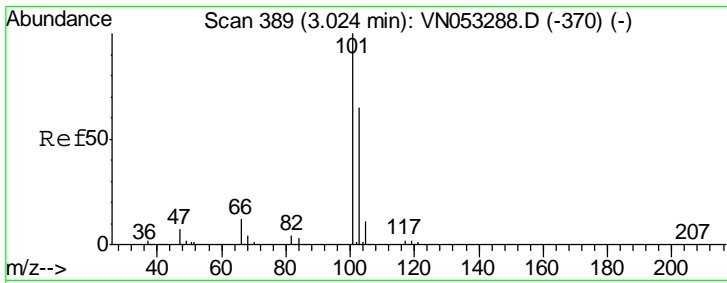
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#6
 Chloroethane
 Concen: 46.444 ug/l
 RT: 2.71 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
64	277123		
66	31.7	25.6	38.4





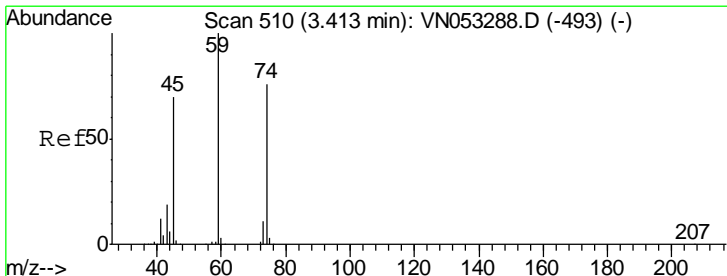
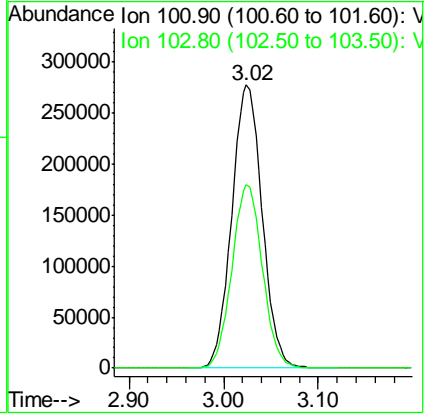
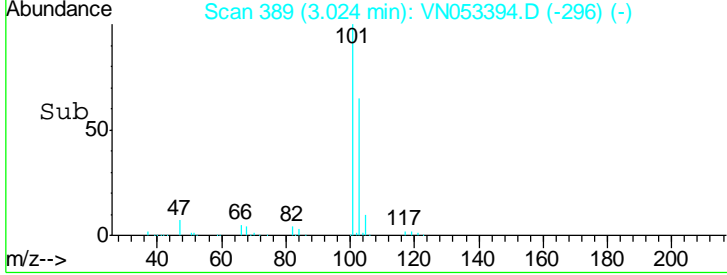
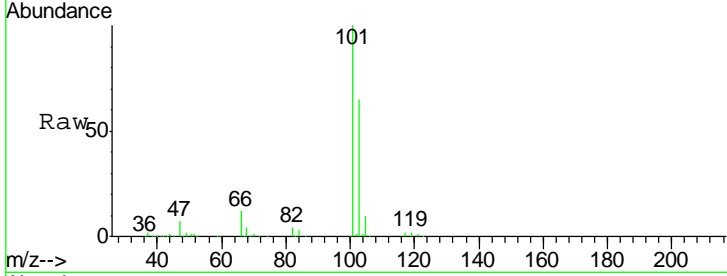
#7
 Trichlorofluoromethane
 Concen: 48.468 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
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 ClientSampled :
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Tgt Ion	Resp	Lower	Upper
101	620604		
103	64.7	52.1	78.1

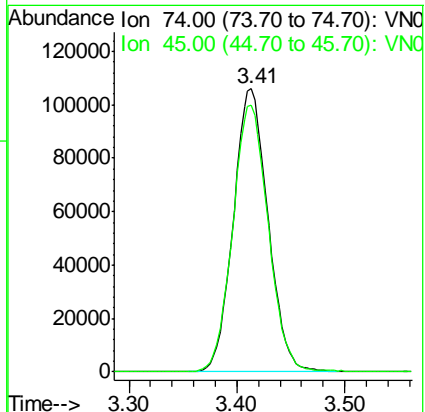
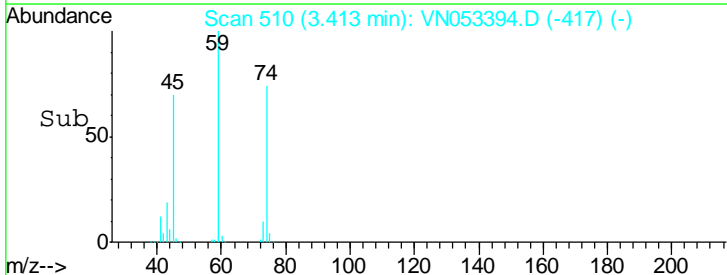
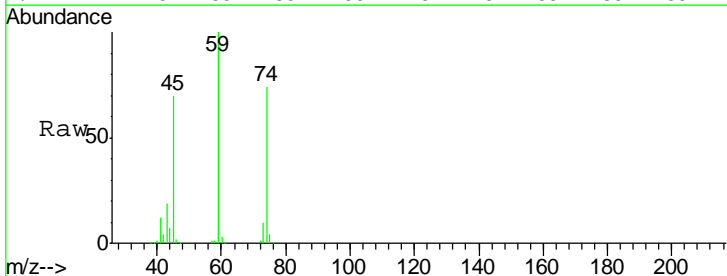
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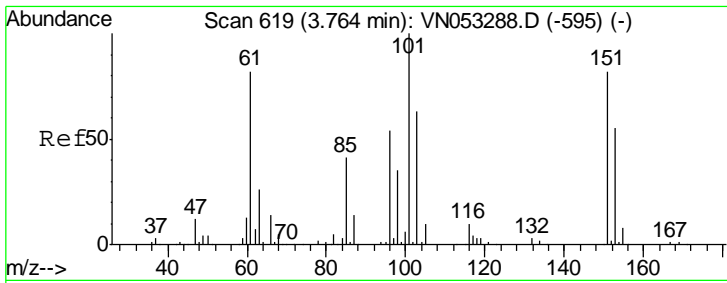
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#8
 Diethyl Ether
 Concen: 47.284 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053394.D
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Tgt Ion	Resp	Lower	Upper
74	237305		
45	96.9	48.3	144.9





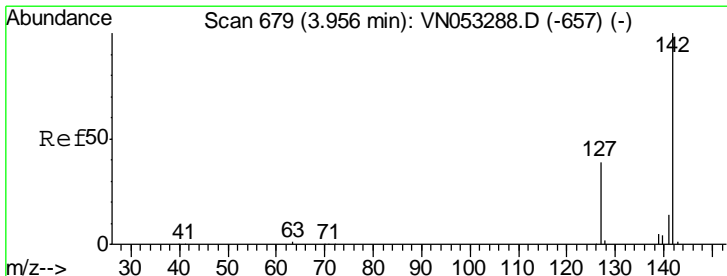
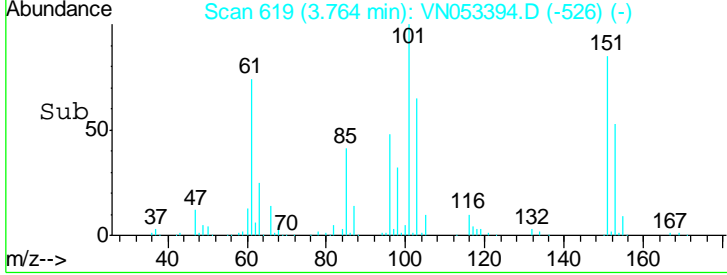
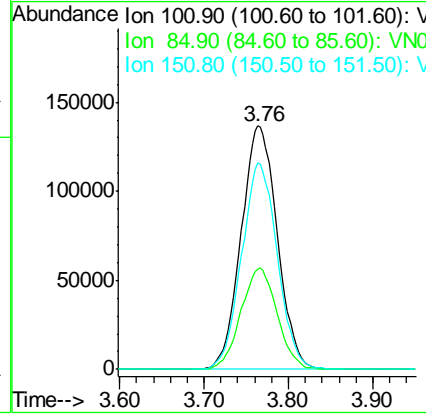
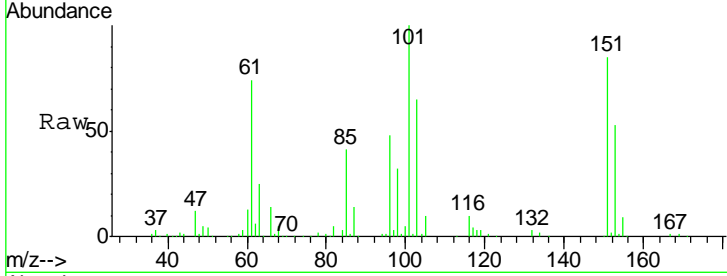
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.130 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
101	406809		
101	100		
85	41.7	33.3	49.9
151	84.1	67.0	100.4

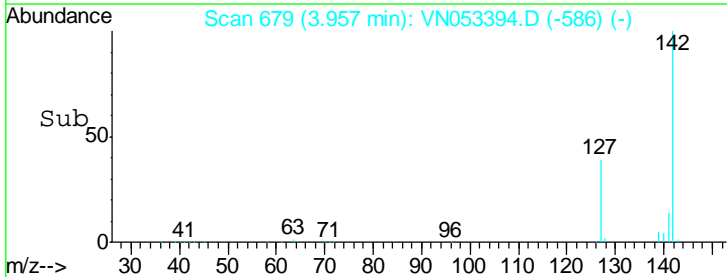
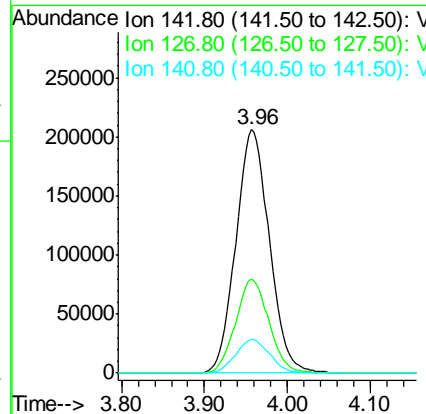
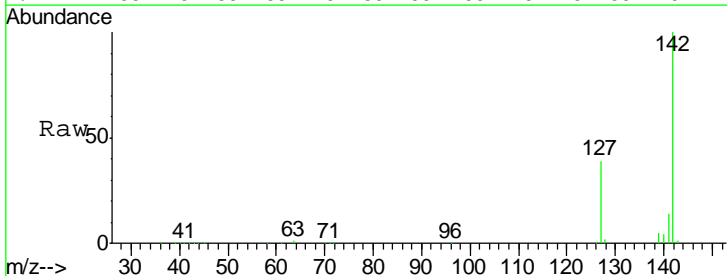
Manual Integrations
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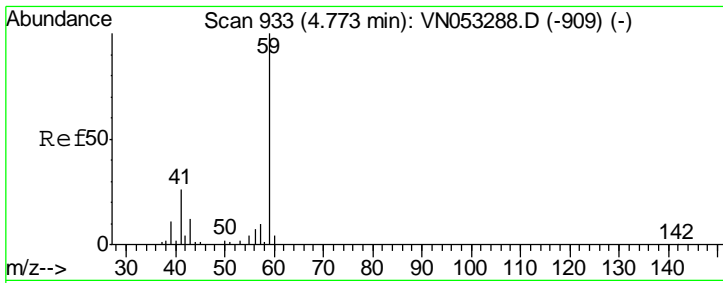
MMDadoda
 1/15/2019 11:14:40 AM



#10
 Methyl Iodide
 Concen: 50.969 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
142	579783		
142	100		
127	38.5	30.9	46.3
141	14.1	11.2	16.8





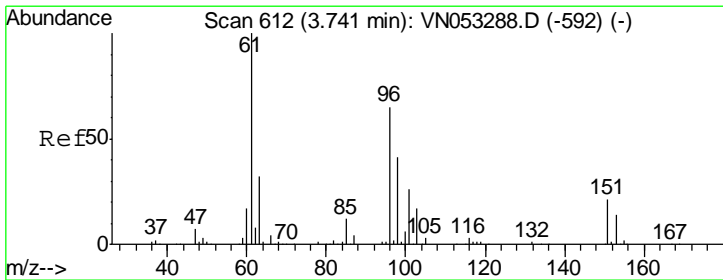
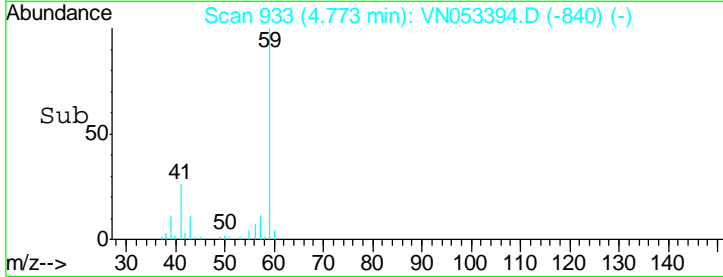
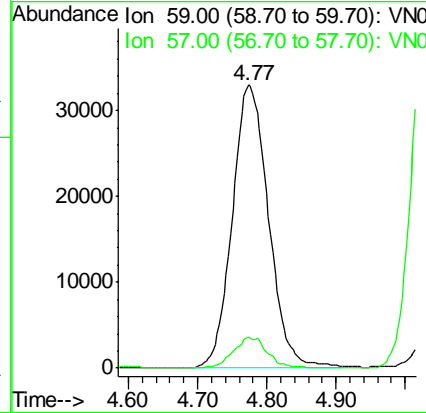
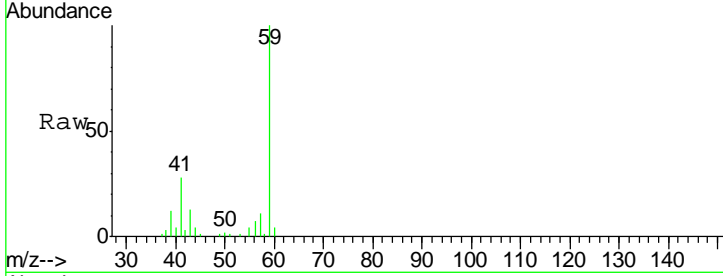
#11
 Tert butyl alcohol
 Concen: 228.610 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
59	120348		
57	10.2	8.0	12.0

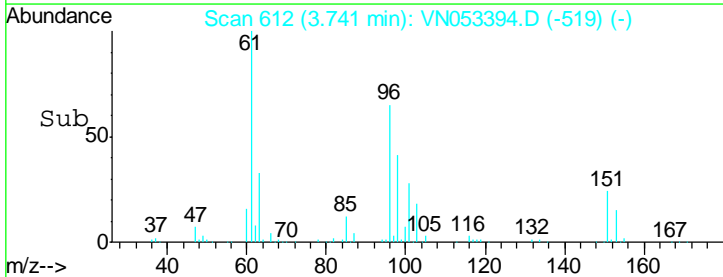
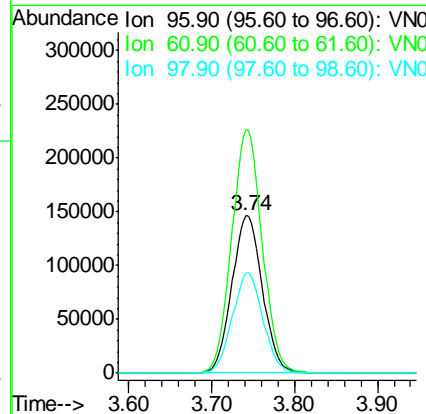
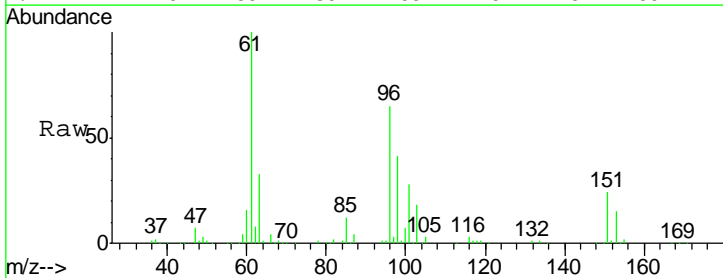
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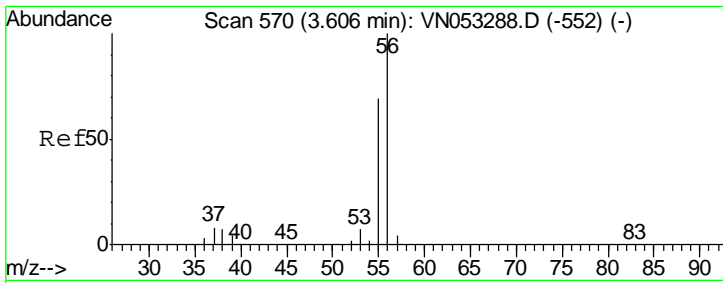
MMDadoda
 1/15/2019 11:14:40 AM



#12
 1,1-Dichloroethene
 Concen: 47.898 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
96	375980		
61	154.7	123.2	184.8
98	64.1	50.5	75.7





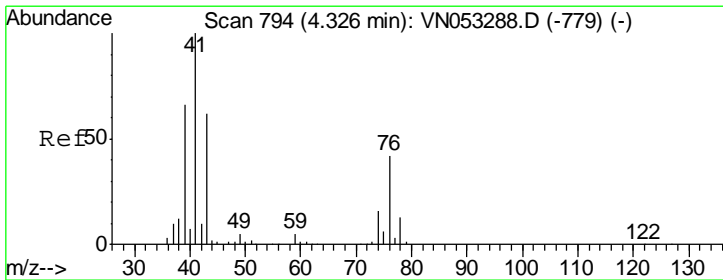
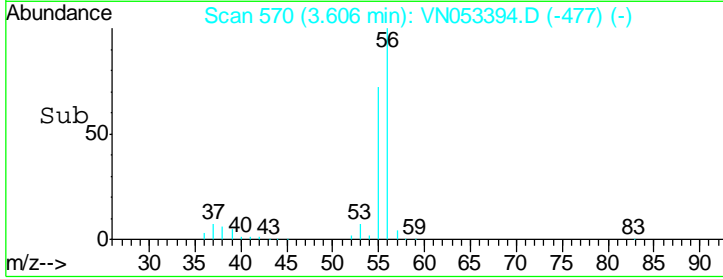
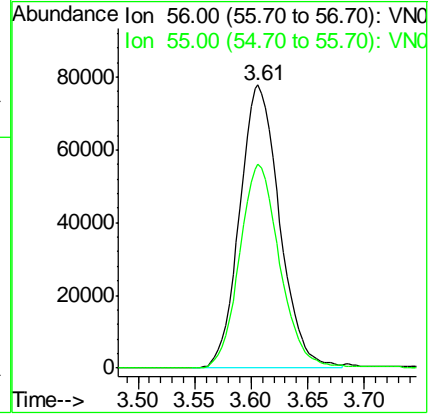
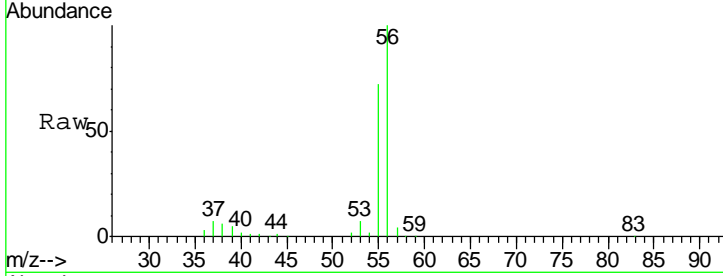
#13
 Acrolein
 Concen: 289.068 ug/l
 RT: 3.61 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
56	100		
55	72.6	56.3	84.5

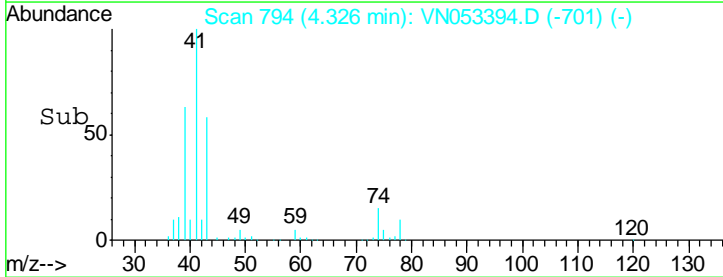
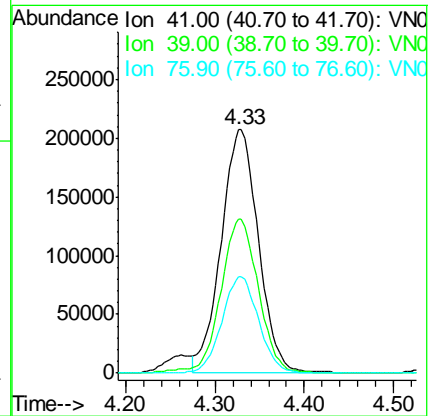
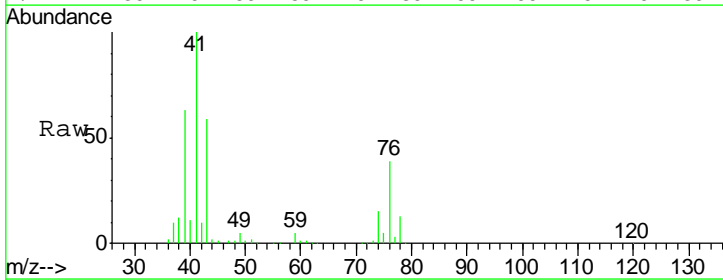
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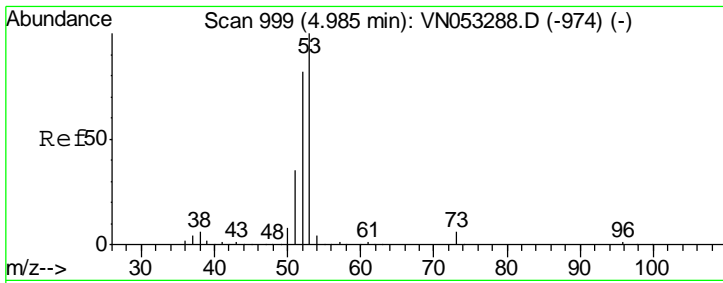
MMDadoda
 1/15/2019 11:14:40 AM



#14
 Allyl chloride
 Concen: 47.271 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
41	100		
39	64.2	51.9	77.9
76	38.6	31.2	46.8





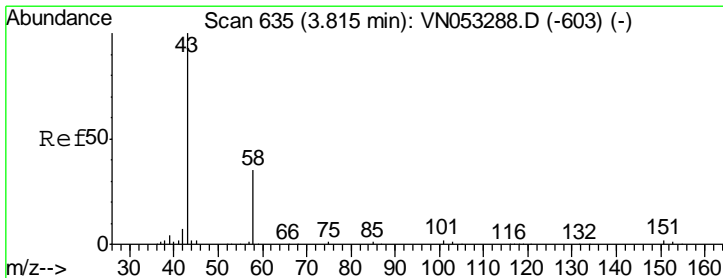
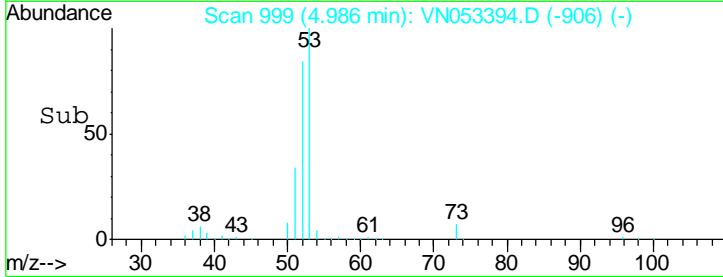
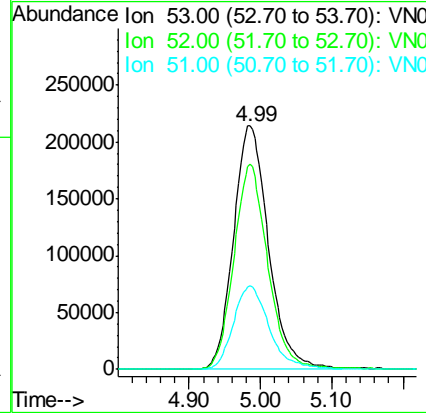
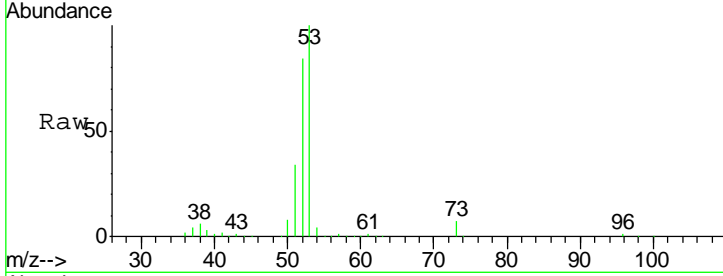
#15
 Acrylonitrile
 Concen: 233.303 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
53	100		
52	81.3	65.2	97.8
51	35.3	28.0	42.0

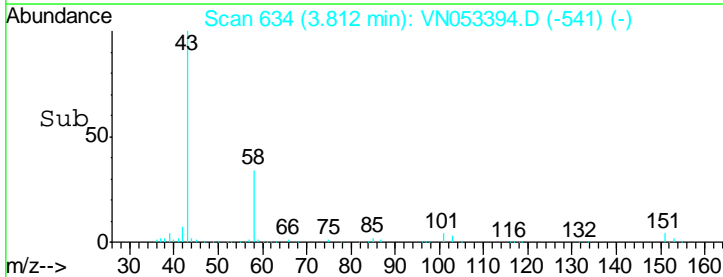
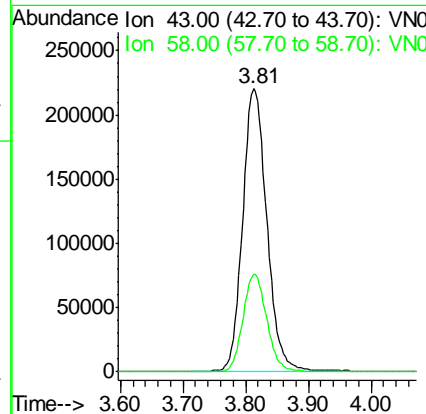
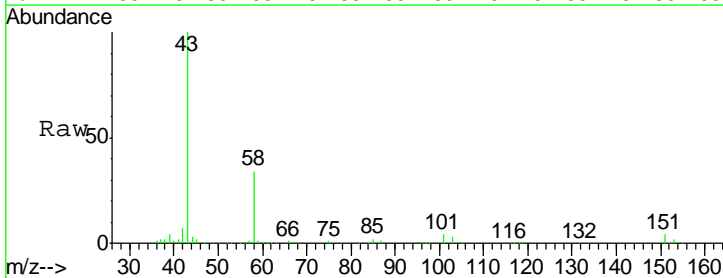
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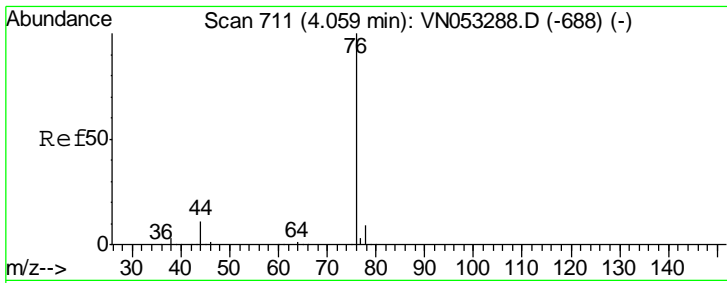
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#16
 Acetone
 Concen: 279.974 ug/l
 RT: 3.81 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
43	100		
58	34.4	27.8	41.6





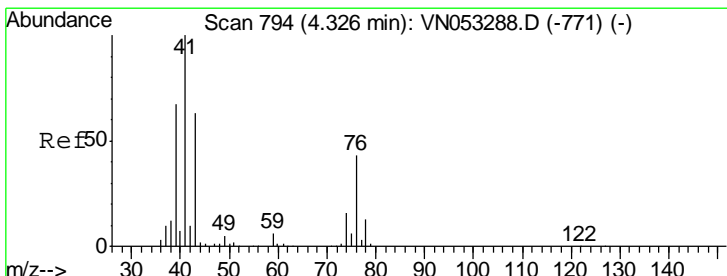
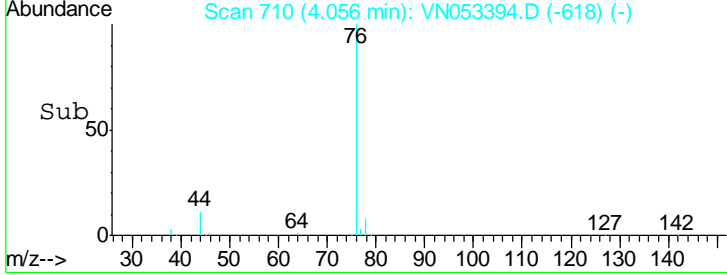
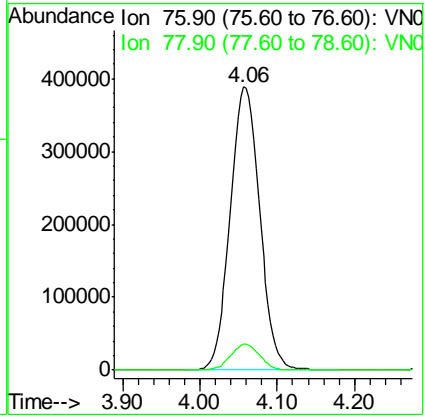
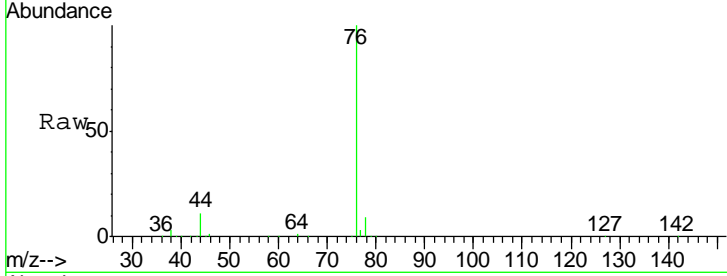
#17
 Carbon Disulfide
 Concen: 42.544 ug/l
 RT: 4.06 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 1029582

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

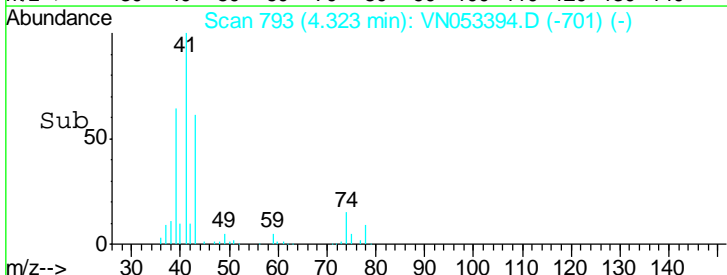
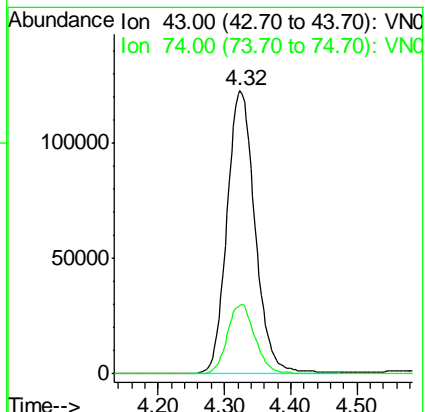
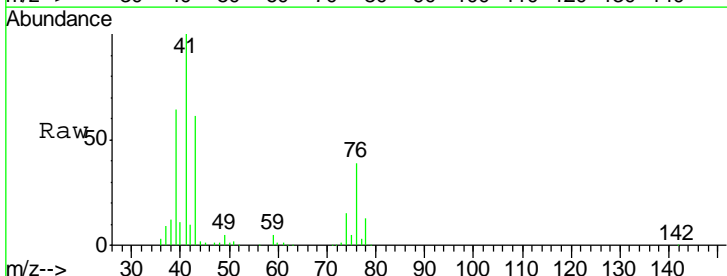
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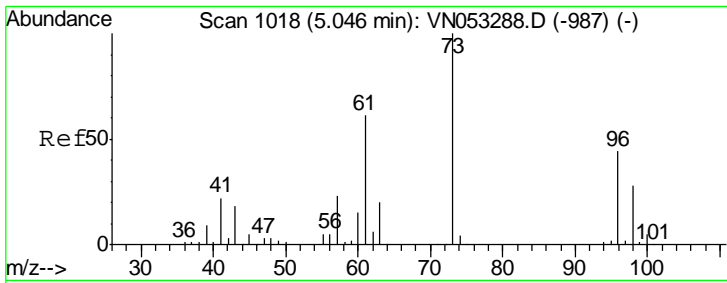


#18
 Methyl Acetate
 Concen: 45.323 ug/l
 RT: 4.32 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 43 Resp: 359014

Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.8	29.8





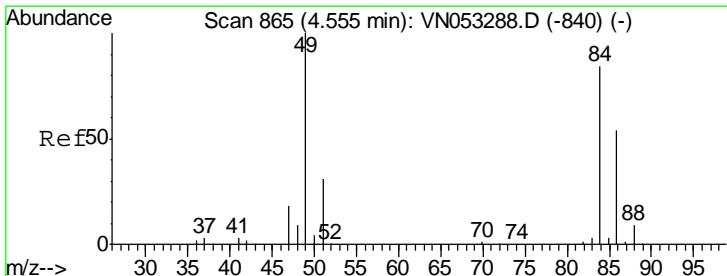
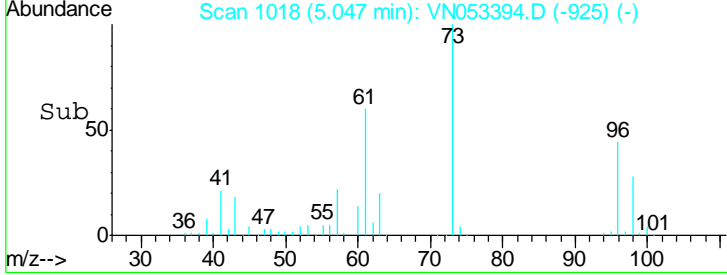
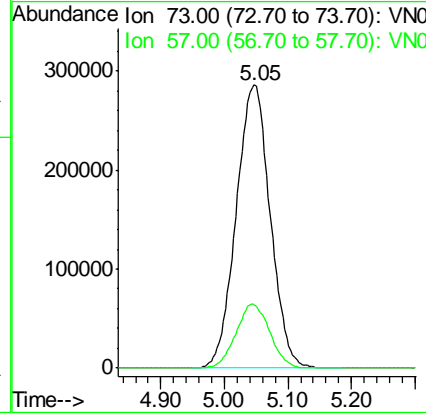
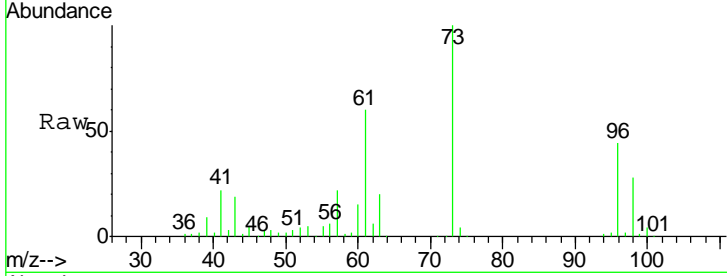
#19
Methyl tert-butyl Ether
Concen: 48.198 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 73 Resp: 1061828

Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.5	27.7

Instrument : MSVOA_N
ClientSampled : VSTDCCC050EC

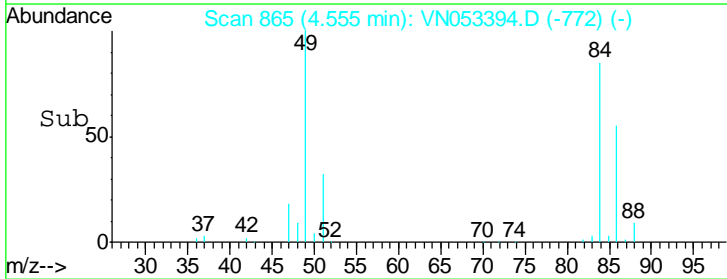
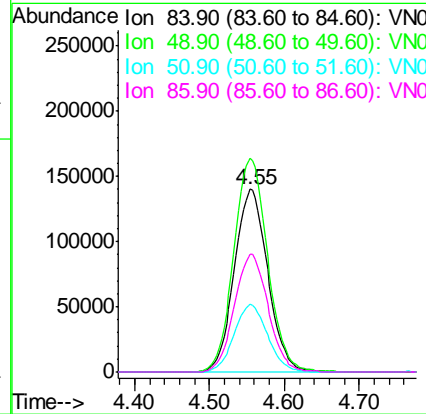
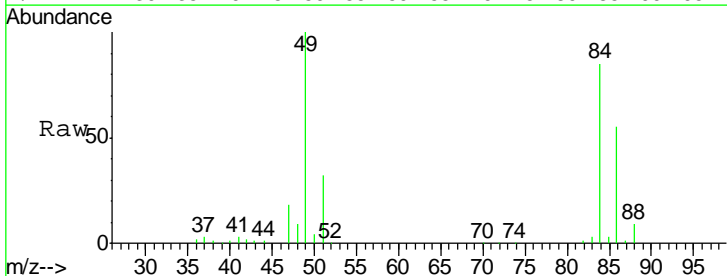
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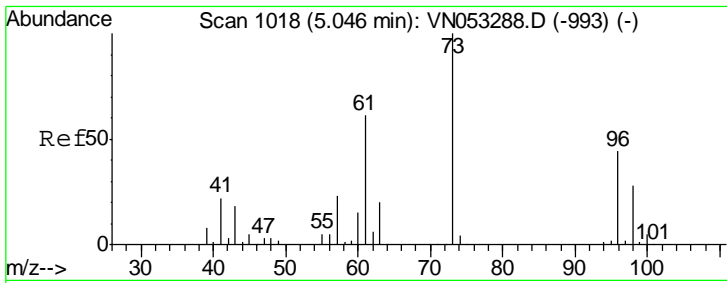


#20
Methylene Chloride
Concen: 46.453 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion: 84 Resp: 436670

Ion	Ratio	Lower	Upper
84	100		
49	116.9	95.3	142.9
51	36.9	29.0	43.6
86	64.7	51.7	77.5





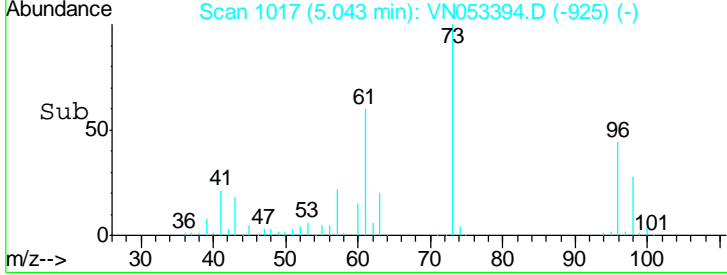
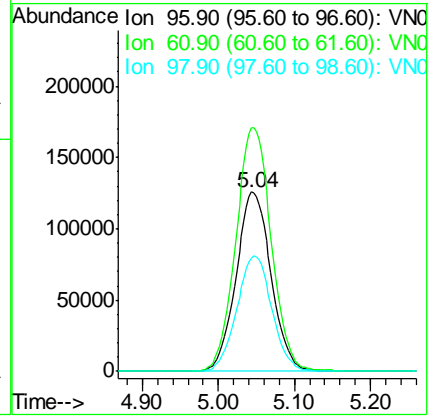
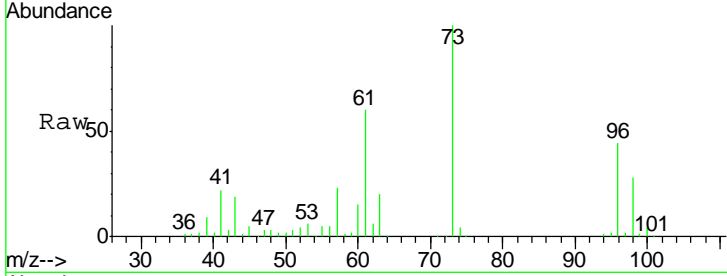
#21
 trans-1,2-Dichloroethene
 Concen: 47.562 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
96	400866		
96	100		
61	135.9	110.2	165.4
98	63.5	50.7	76.1

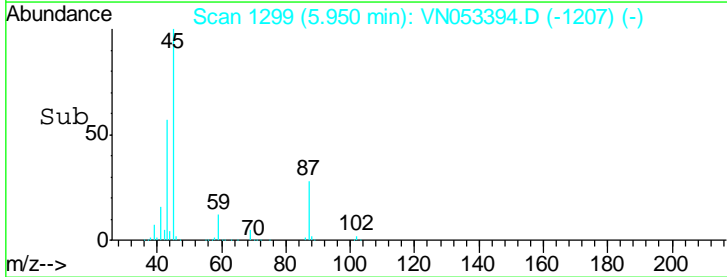
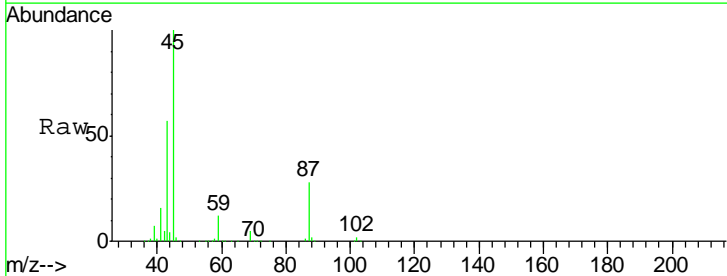
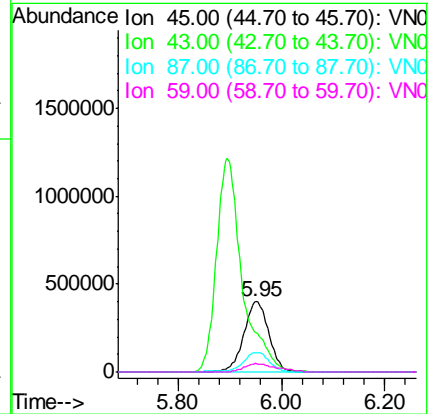
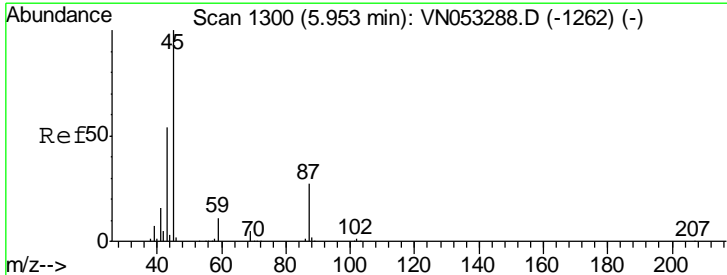
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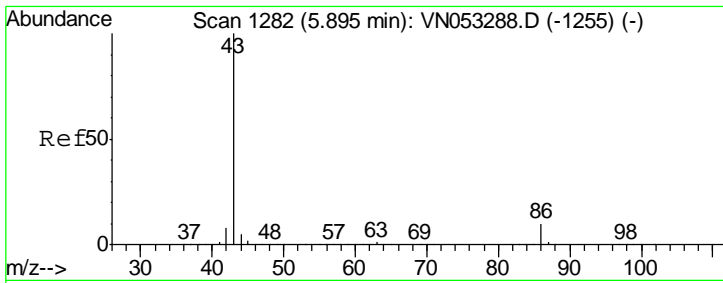
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#22
 Diisopropyl ether
 Concen: 49.542 ug/l
 RT: 5.95 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
45	1350261		
45	100		
43	56.2	43.0	64.6
87	28.1	22.1	33.1
59	11.9	9.0	13.4





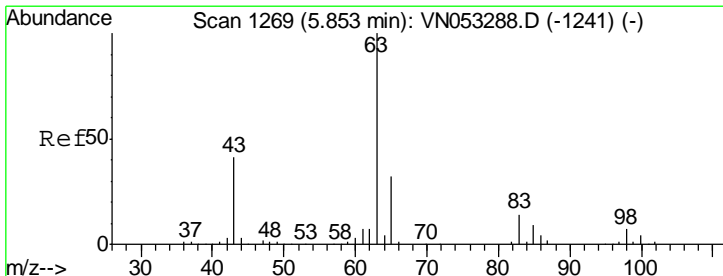
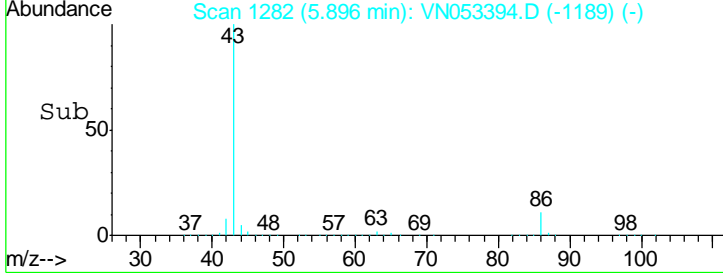
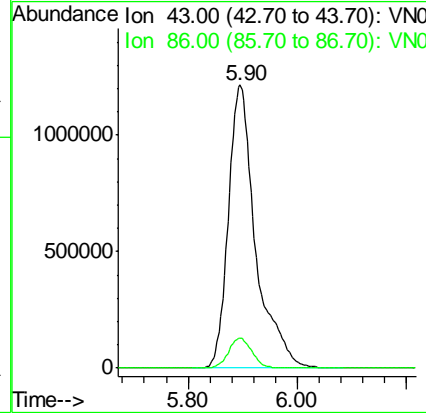
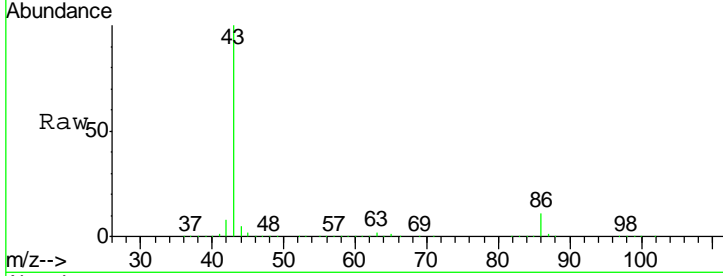
#23
 Vinyl Acetate
 Concen: 245.355 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 4207648

Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.4	12.6

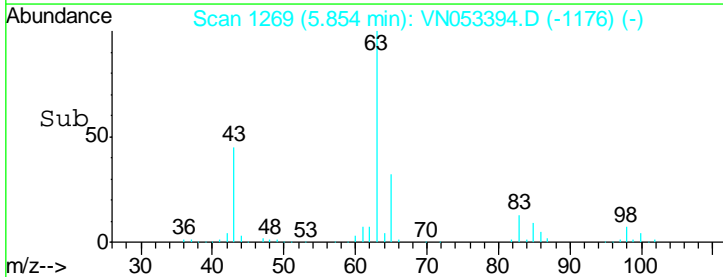
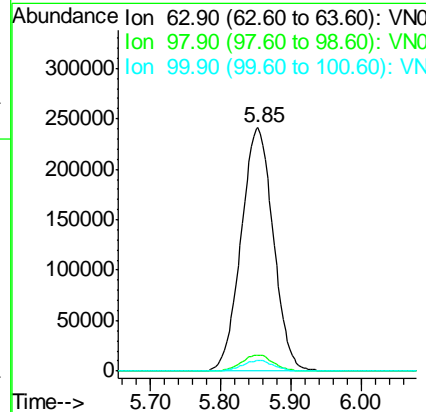
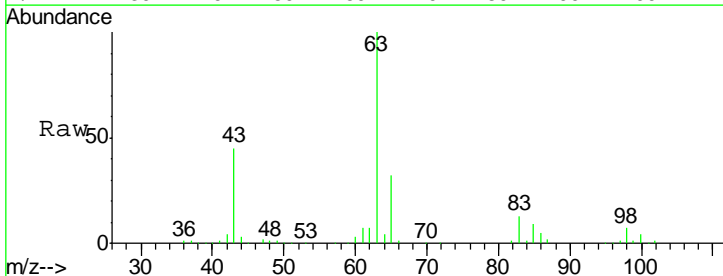
Manual Integrations
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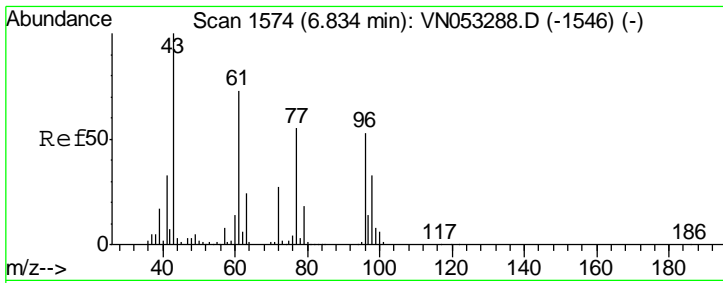


#24
 1,1-Dichloroethane
 Concen: 48.796 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 63 Resp: 767038

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.3	9.8
100	4.2	2.1	6.5





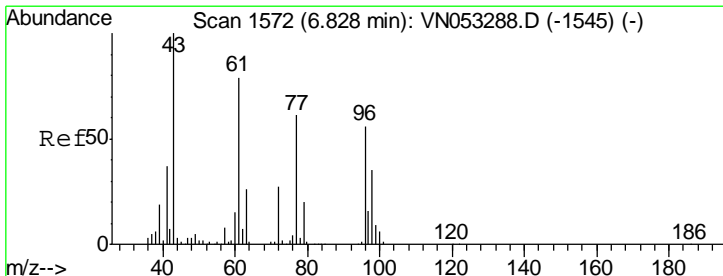
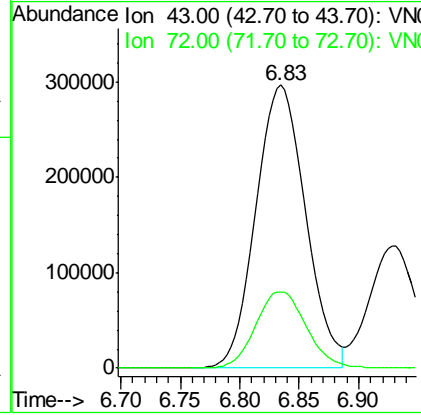
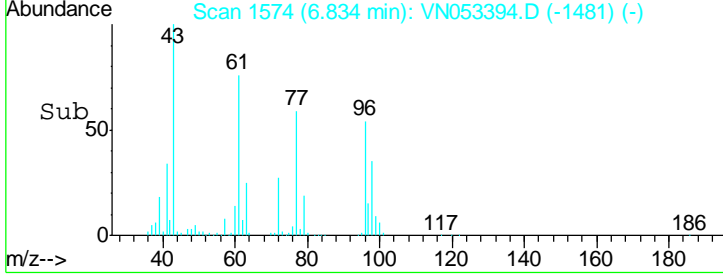
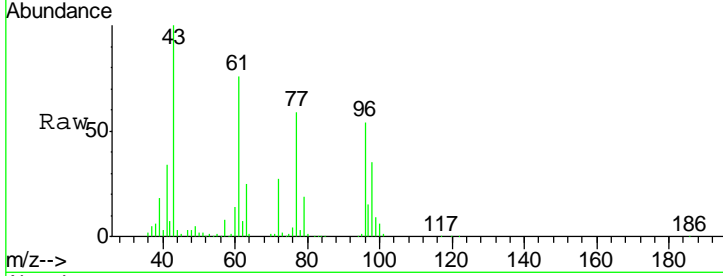
#25
 2-Butanone
 Concen: 238.532 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 856504
 Ion Ratio Lower Upper
 43 100
 72 27.1 22.0 33.0

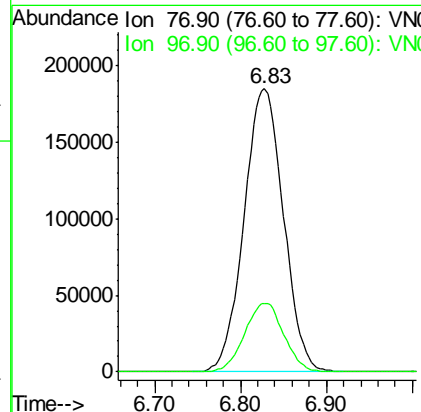
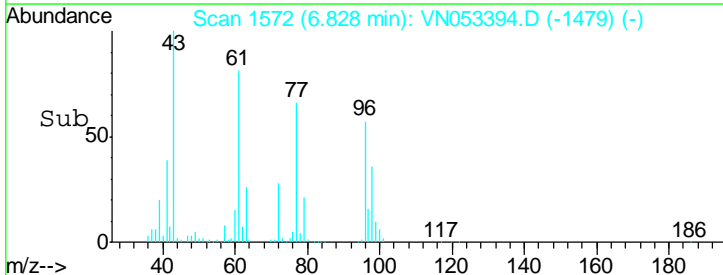
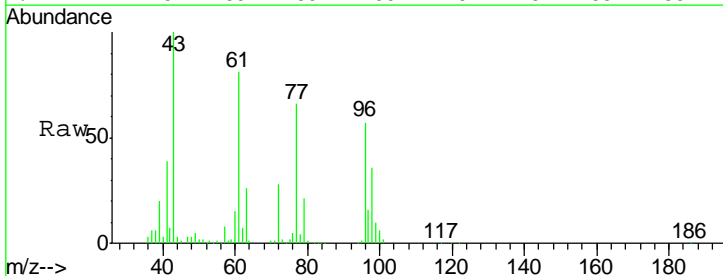
Manual Integrations
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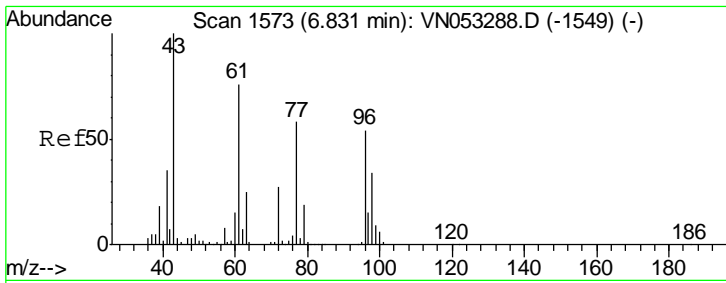
MMDadoda
 1/15/2019 11:14:40 AM



#26
 2,2-Dichloropropane
 Concen: 51.318 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 77 Resp: 589678
 Ion Ratio Lower Upper
 77 100
 97 24.1 12.3 36.9





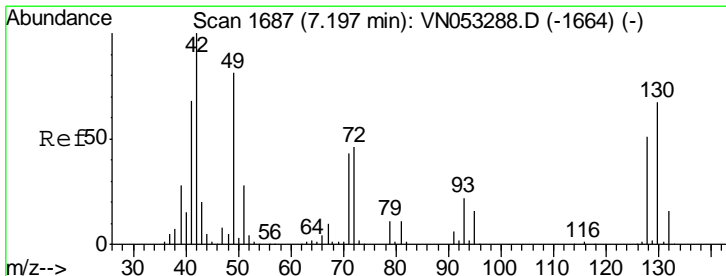
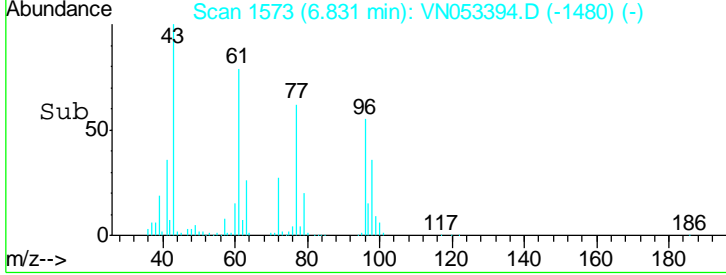
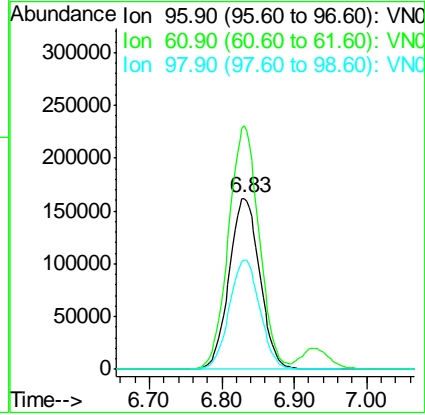
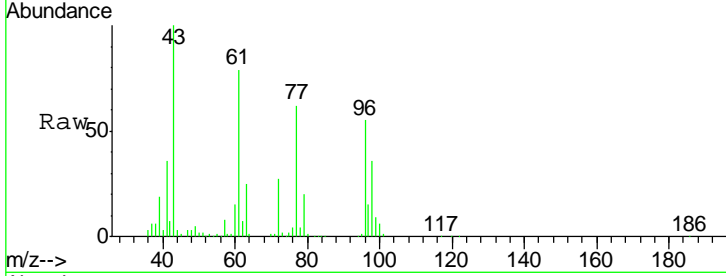
#27
 cis-1,2-Dichloroethene
 Concen: 49.601 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
96	477402		
96	100		
61	141.4	0.0	280.6
98	63.8	0.0	127.6

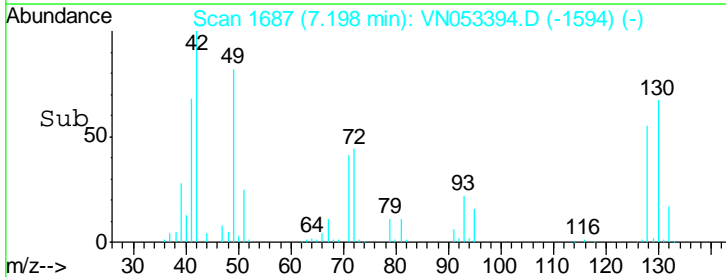
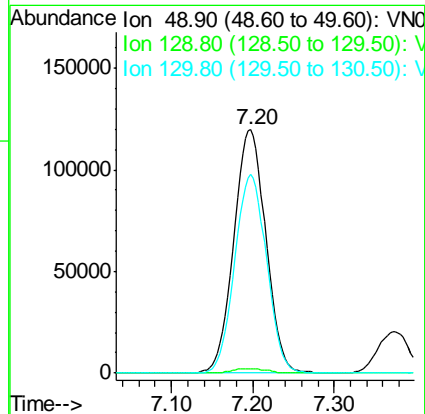
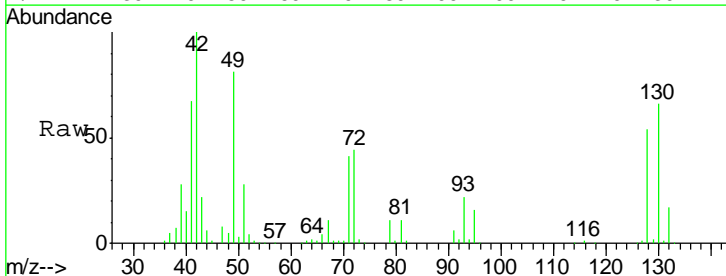
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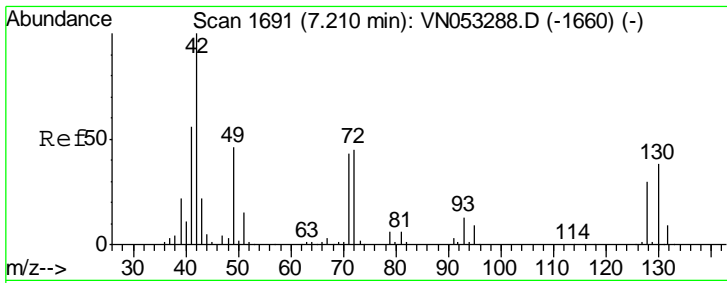
MMDadoda
 1/15/2019 11:14:40 AM



#28
 Bromochloromethane
 Concen: 48.926 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
49	327737		
49	100		
129	2.0	0.0	3.8
130	81.0	65.4	98.0





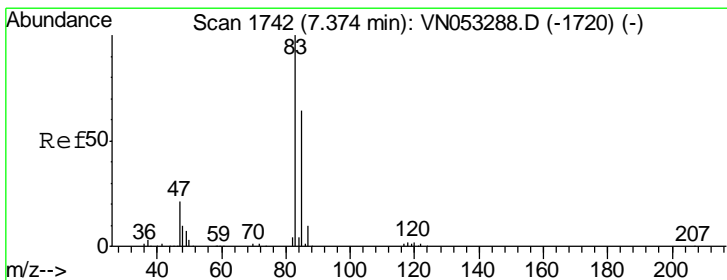
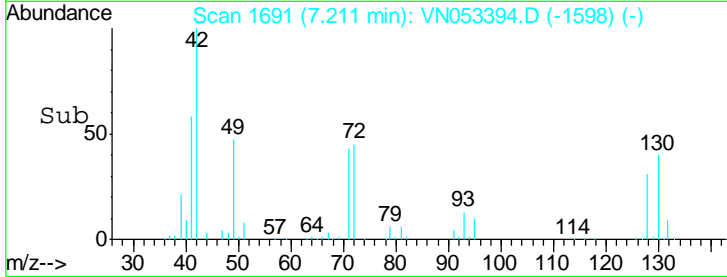
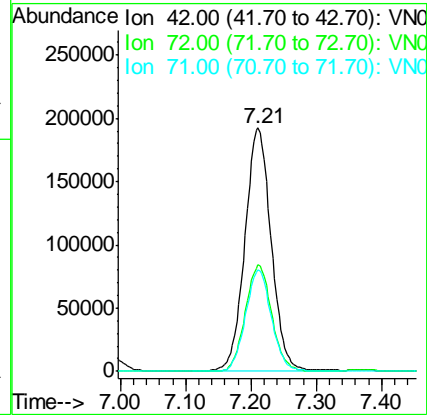
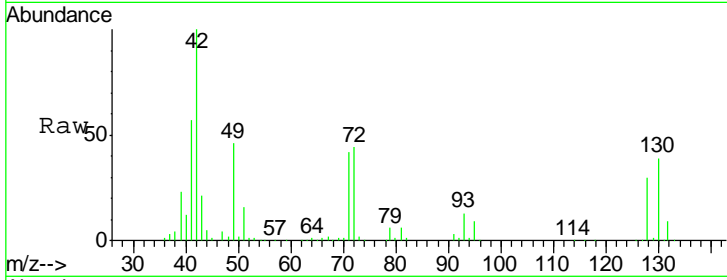
#29
 Tetrahydrofuran
 Concen: 226.772 ug/l
 RT: 7.21 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
42	100		
72	44.0	35.6	53.4
71	41.3	33.8	50.8

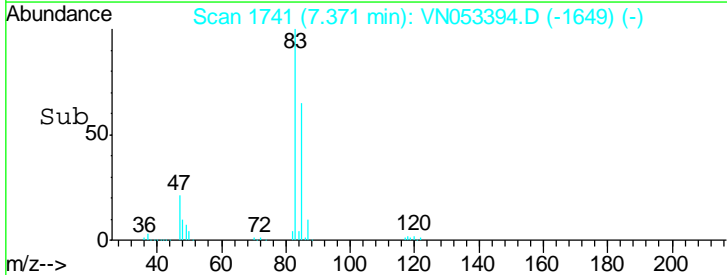
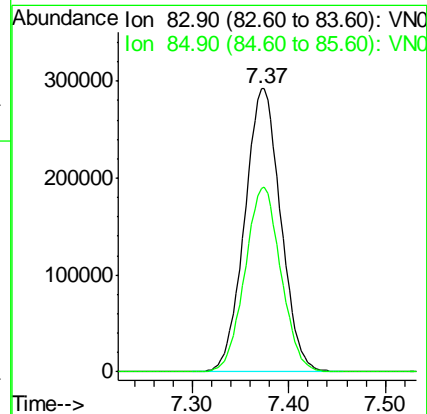
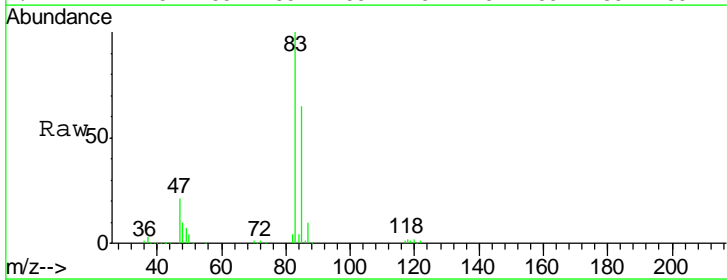
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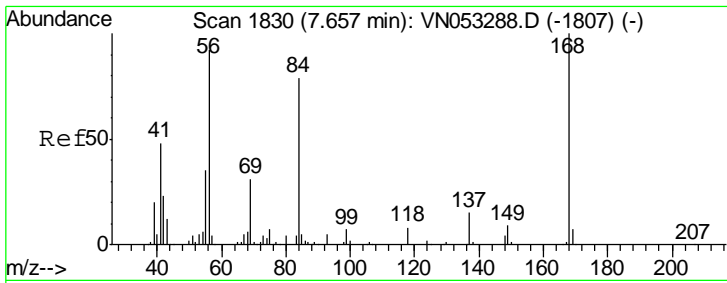
MMDadoda
 1/15/2019 11:14:40 AM



#30
 Chloroform
 Concen: 48.894 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
83	100		
85	65.0	51.3	76.9





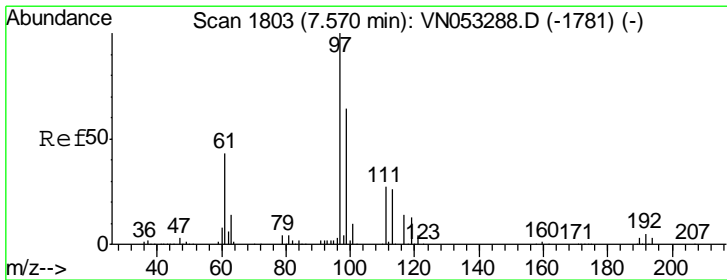
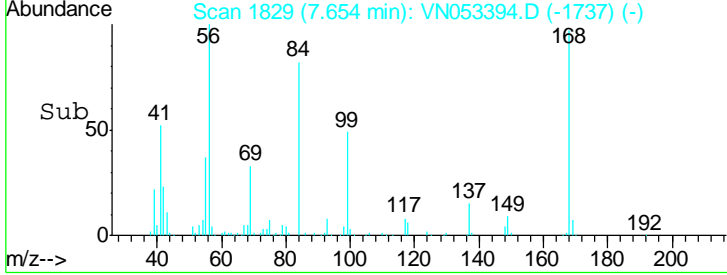
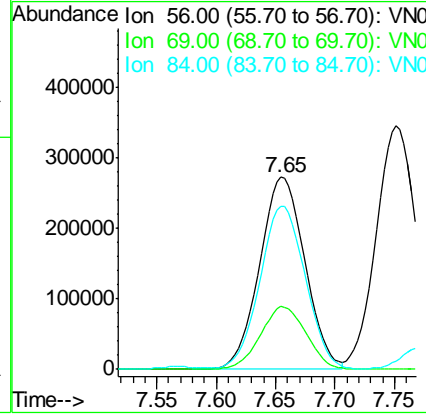
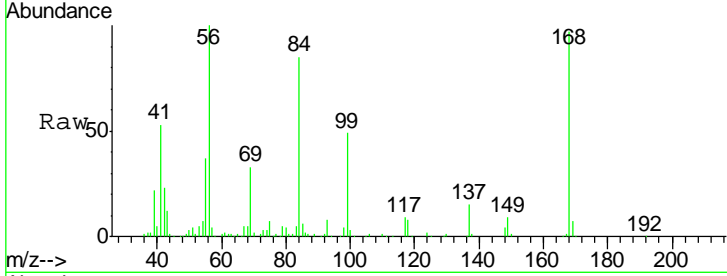
#31
 Cyclohexane
 Concen: 48.170 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
56	100		
69	32.8	26.7	40.1
84	84.0	68.2	102.4

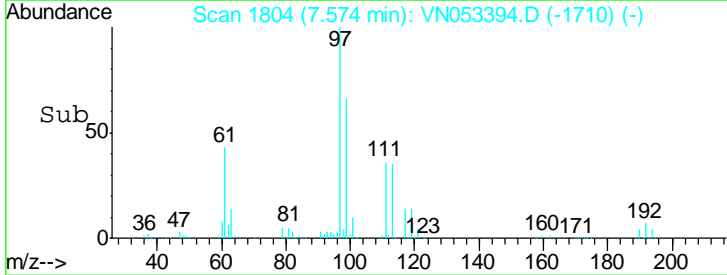
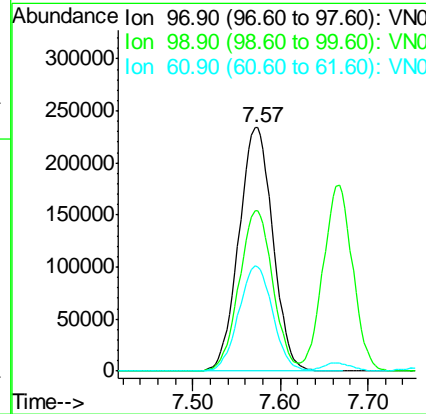
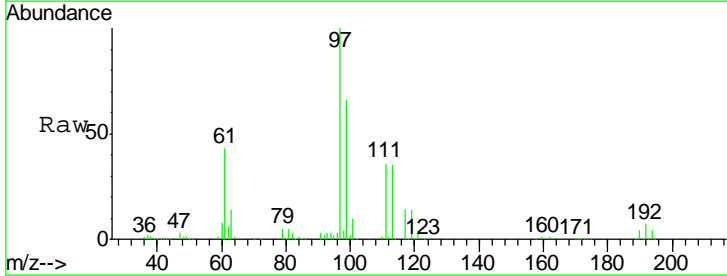
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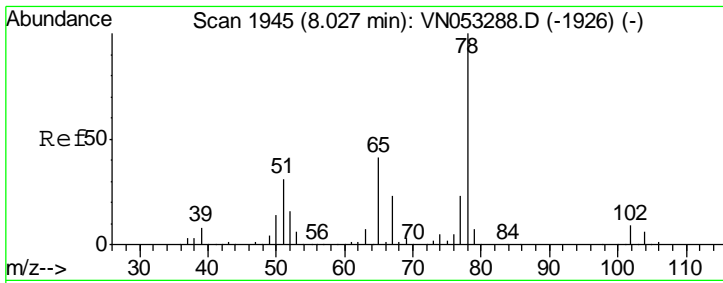
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#32
 1,1,1-Trichloroethane
 Concen: 48.885 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	43.1	34.6	52.0





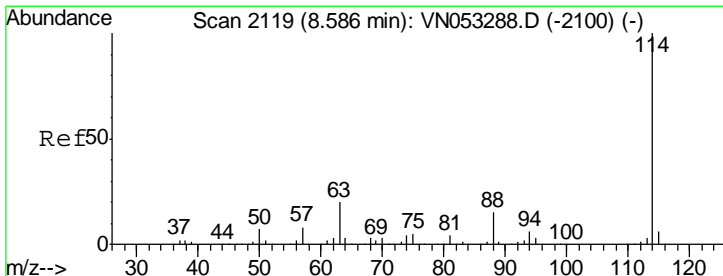
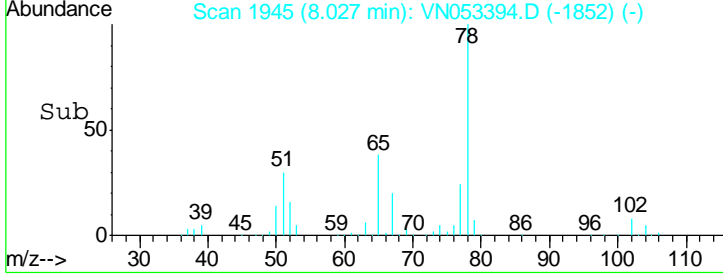
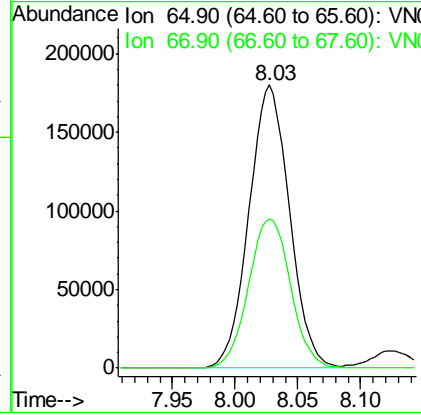
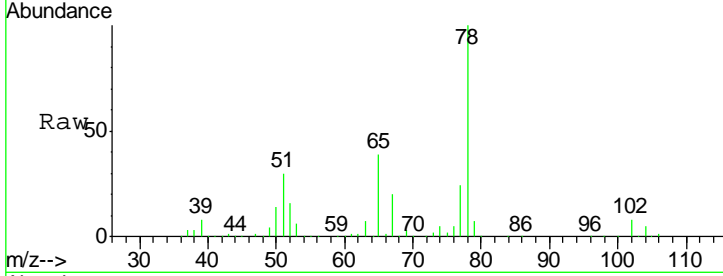
#33
 1,2-Dichloroethane-d4
 Concen: 48.885 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
65	100		
67	54.7	0.0	111.0

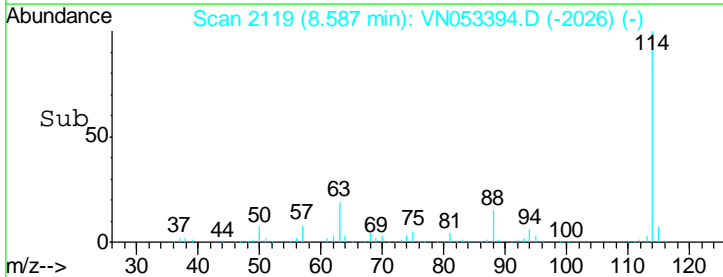
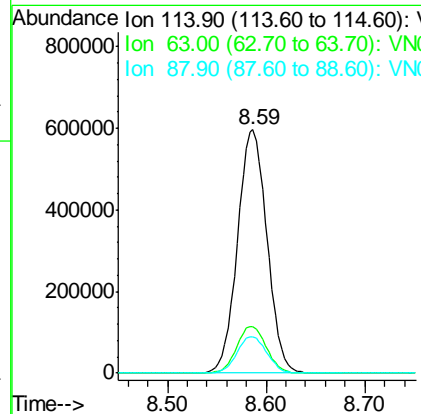
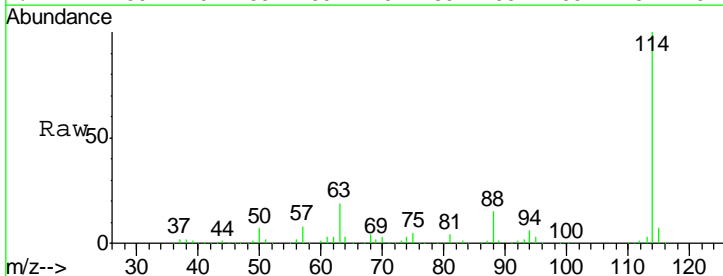
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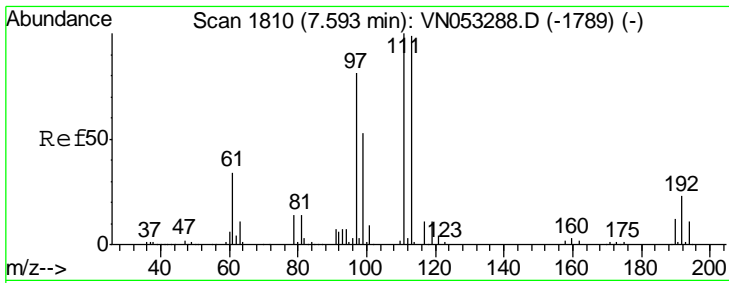
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 1/15/2019 11:14:40 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	14.8	0.0	30.8





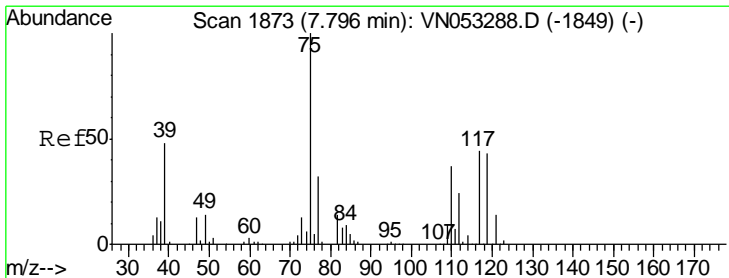
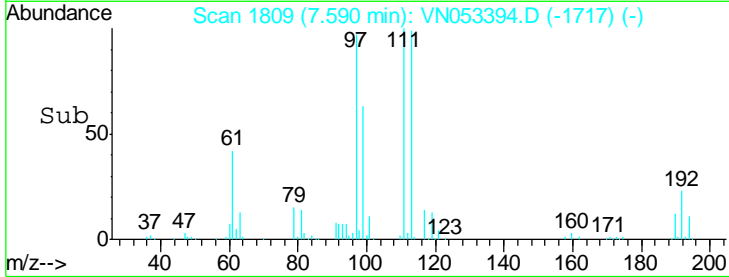
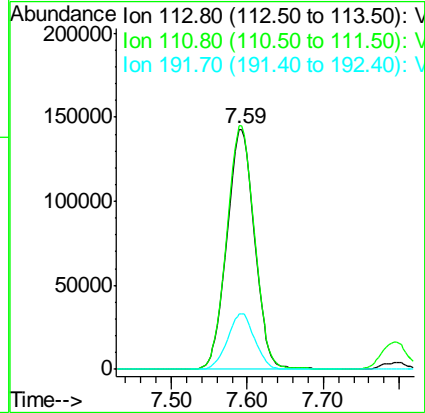
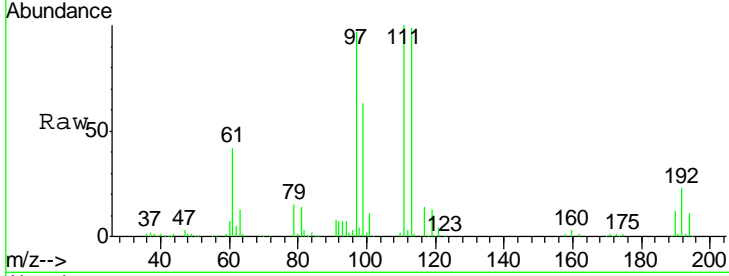
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
113	100		
111	101.7	81.4	122.2
192	22.6	17.9	26.9

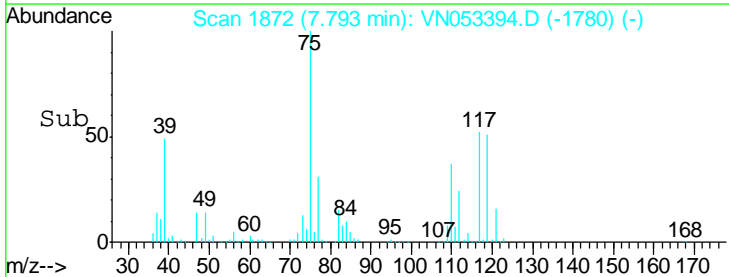
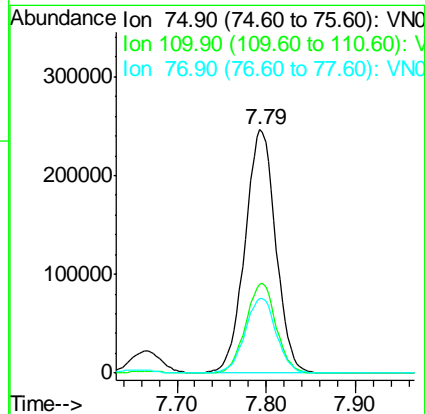
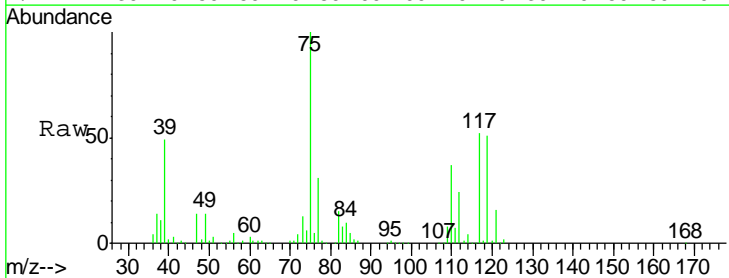
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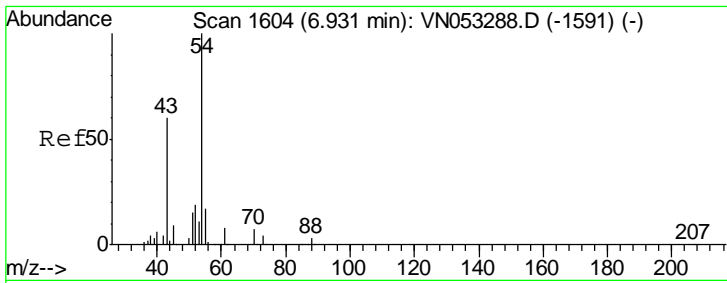
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#36
 1,1-Dichloropropene
 Concen: 51.005 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
75	100		
110	36.3	18.4	55.0
77	31.4	25.3	37.9





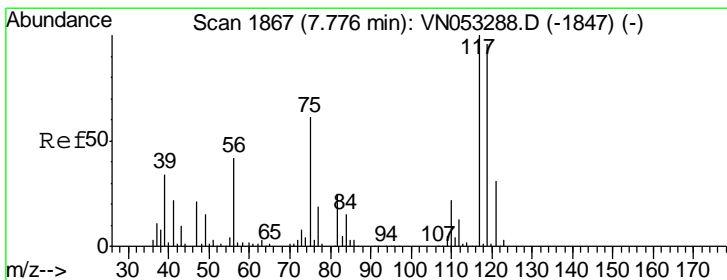
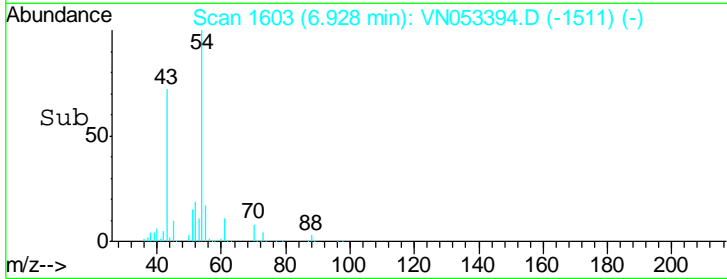
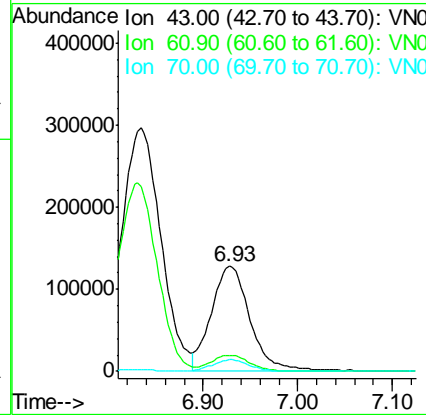
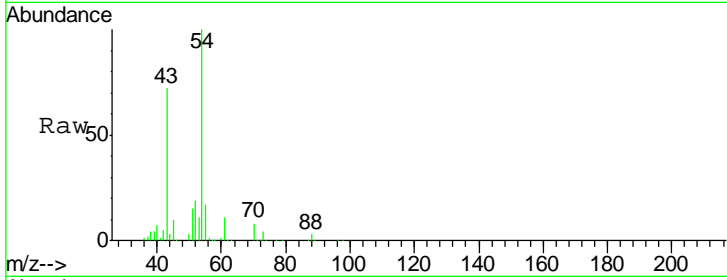
#37
Ethyl Acetate
Concen: 47.597 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
43	100		
61	15.0	11.9	17.9
70	10.8	8.6	13.0

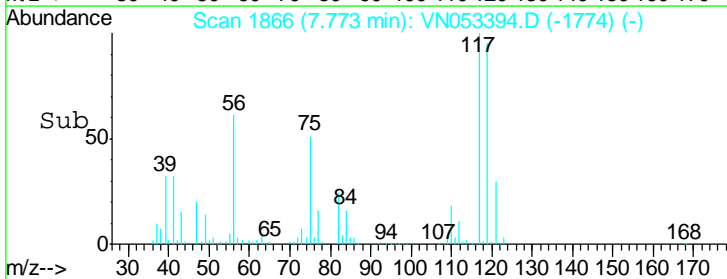
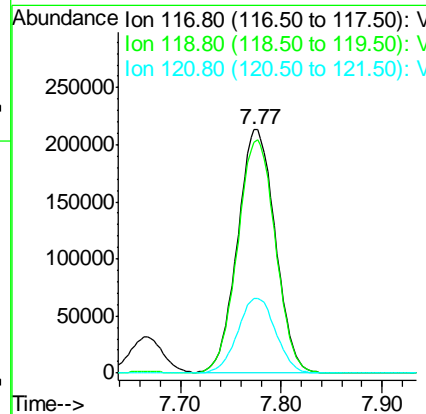
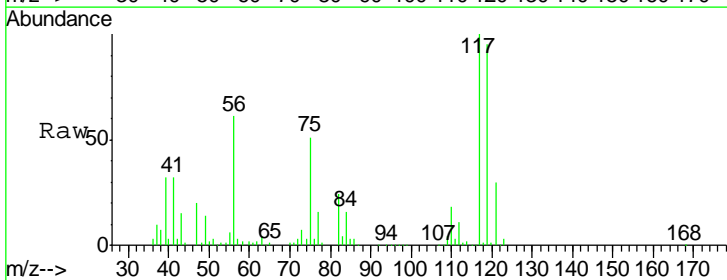
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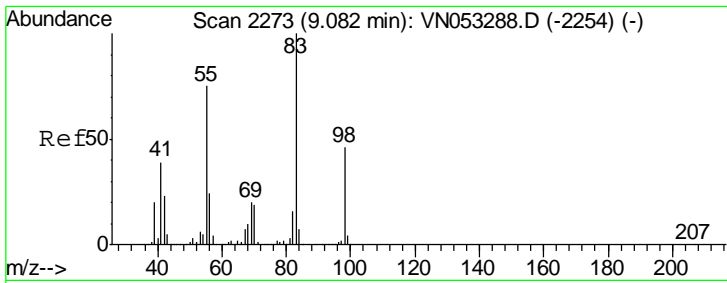
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.673 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053394.D
Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
117	100		
119	94.9	76.6	115.0
121	30.5	25.0	37.4





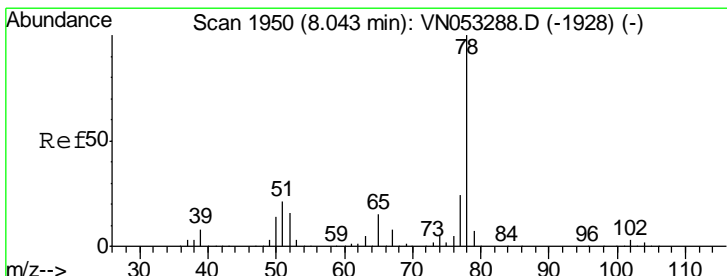
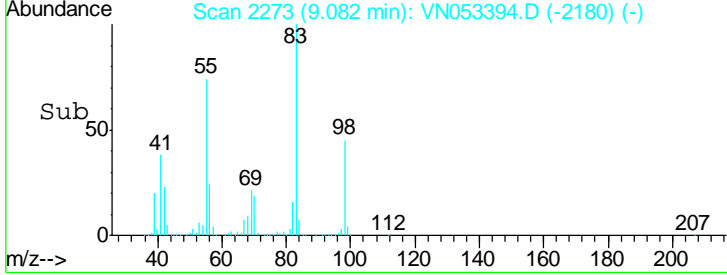
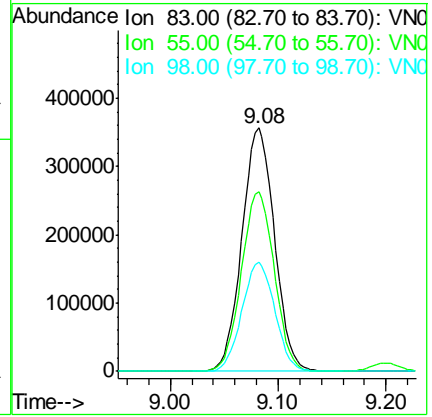
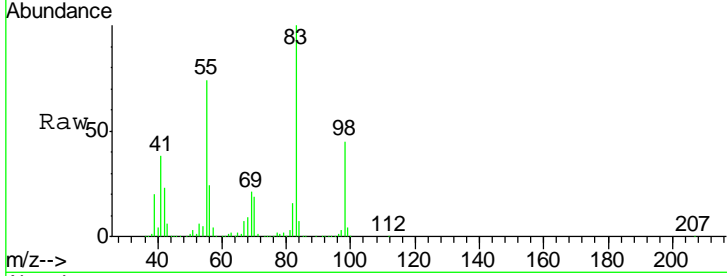
#39
 Methylcyclohexane
 Concen: 56.025 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
83	100		
55	73.6	60.1	90.1
98	44.8	36.7	55.1

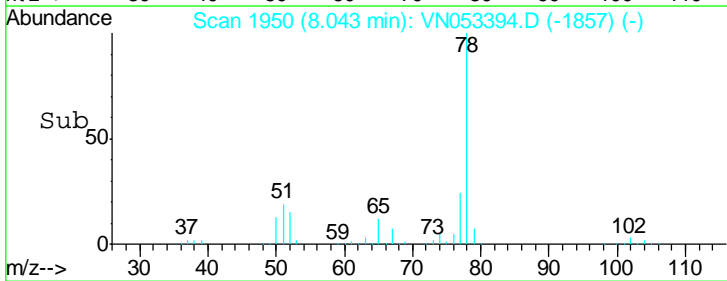
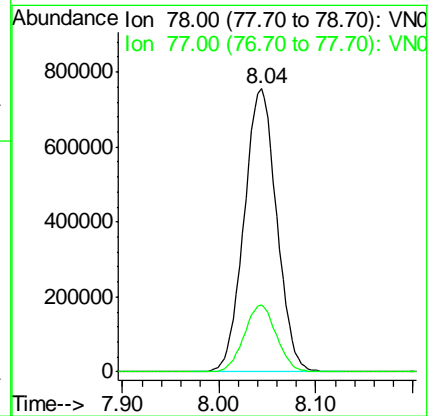
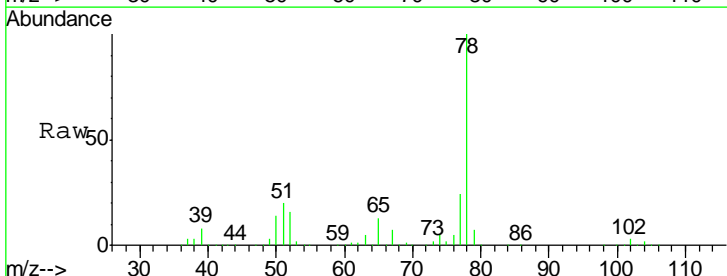
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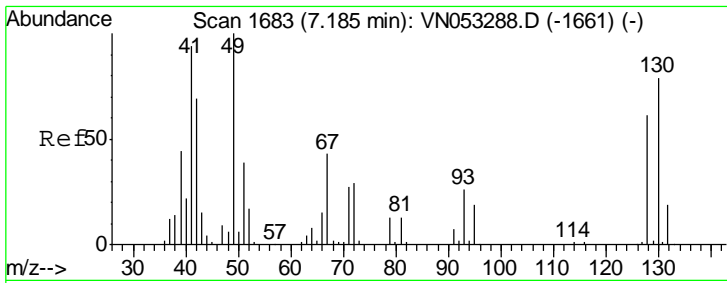
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#40
 Benzene
 Concen: 50.058 ug/l
 RT: 8.04 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
78	100		
77	23.7	19.0	28.4





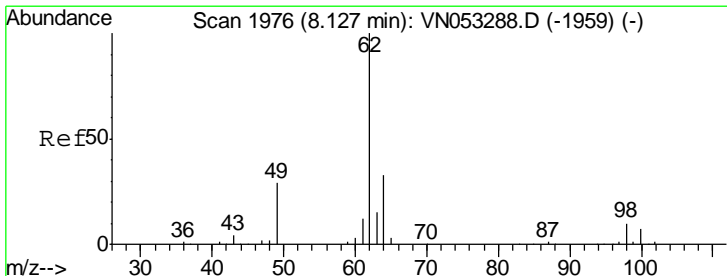
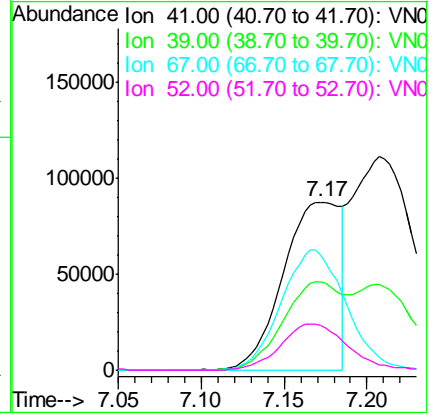
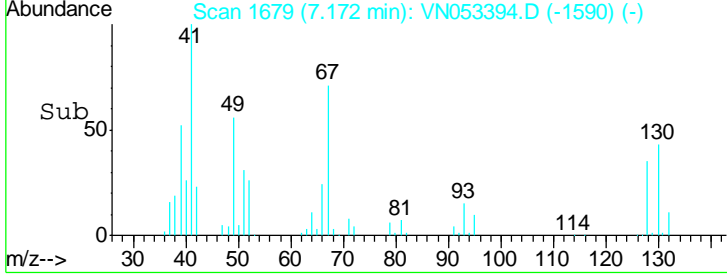
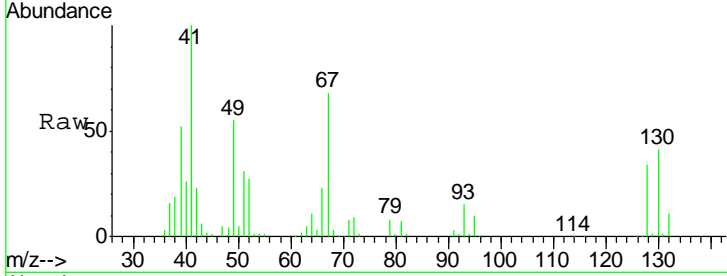
#41
 Methacrylonitrile
 Concen: 45.115 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
41	100		
39	55.0	0.0	0.0#
67	81.1	0.0	0.0#
52	31.7	0.0	0.0#

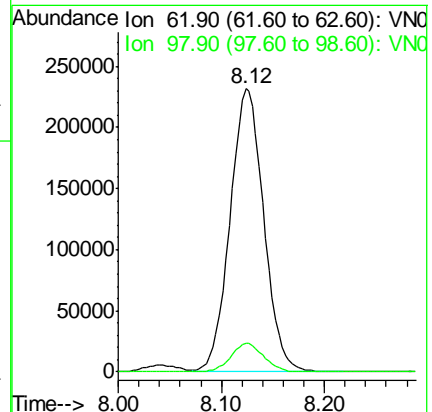
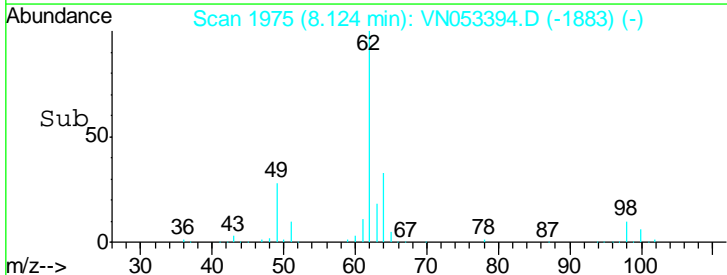
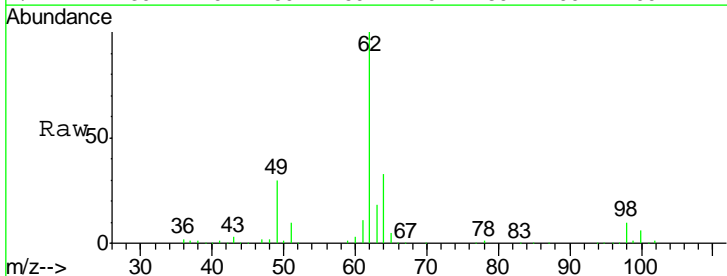
Manual Integrations
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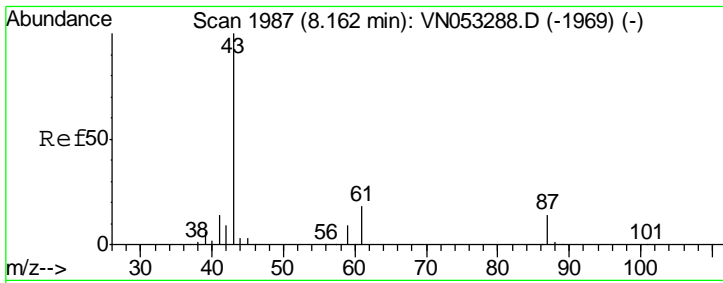
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#42
 1,2-Dichloroethane
 Concen: 50.140 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
62	100		
98	9.9	0.0	20.2





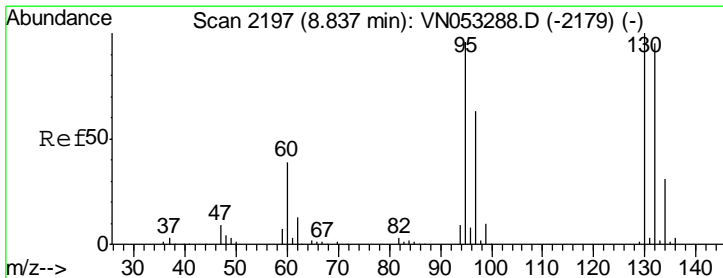
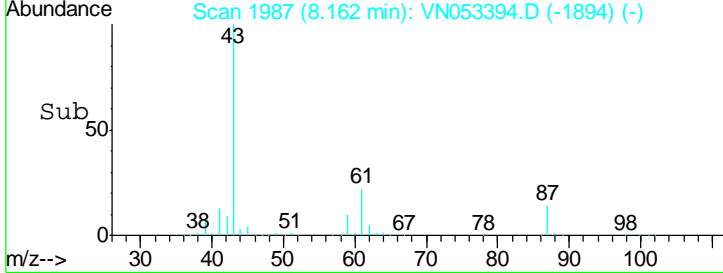
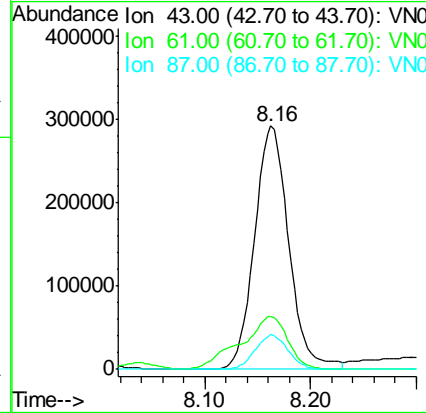
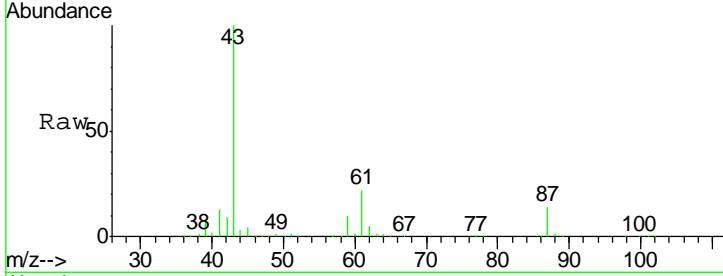
#43
 Isopropyl Acetate
 Concen: 44.486 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
43	100		
61	29.7	23.3	34.9
87	13.7	10.8	16.2

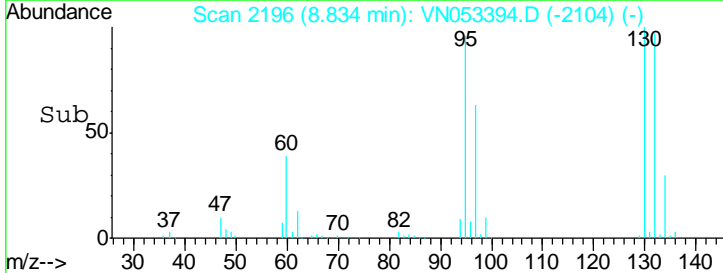
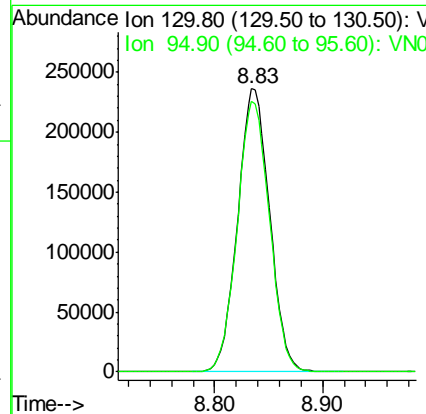
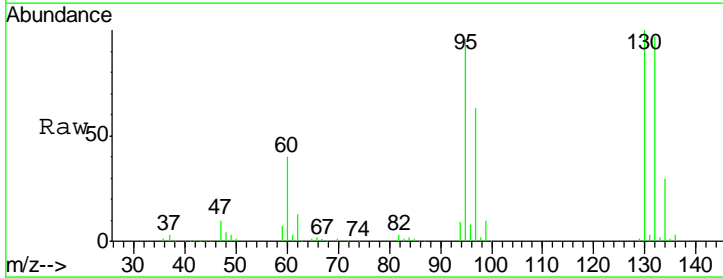
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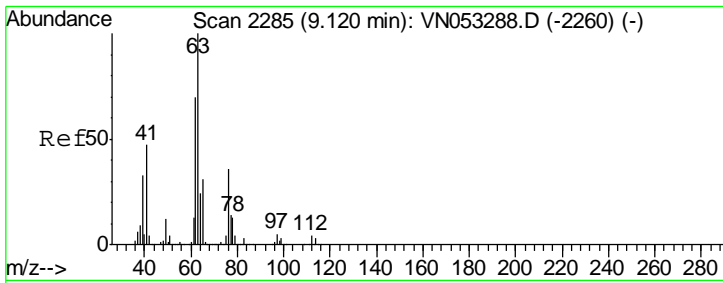
MMDadoda
 1/15/2019 11:14:40 AM



#44
 Trichloroethene
 Concen: 50.417 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
130	100		
95	95.7	0.0	191.8



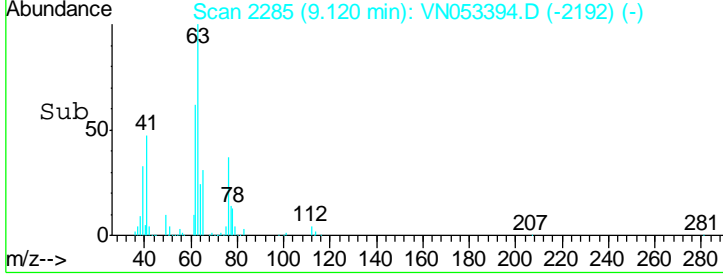
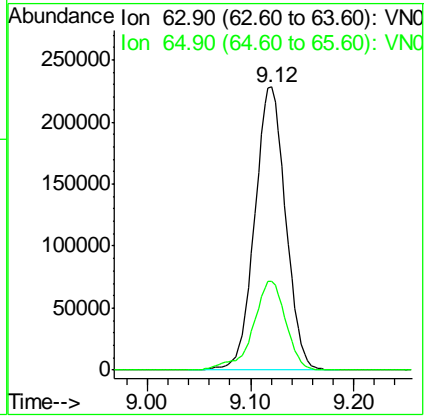
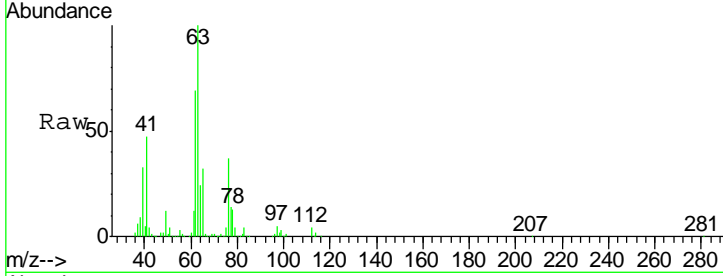


#45
 1,2-Dichloropropane
 Concen: 51.073 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050EC

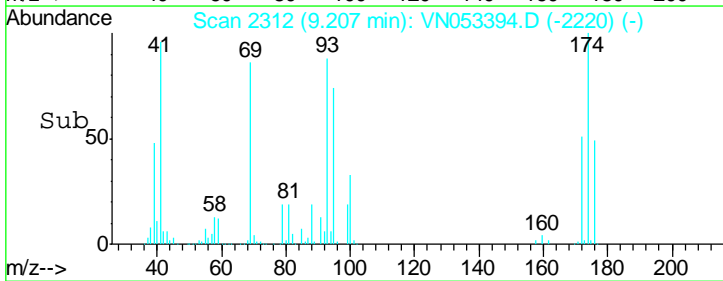
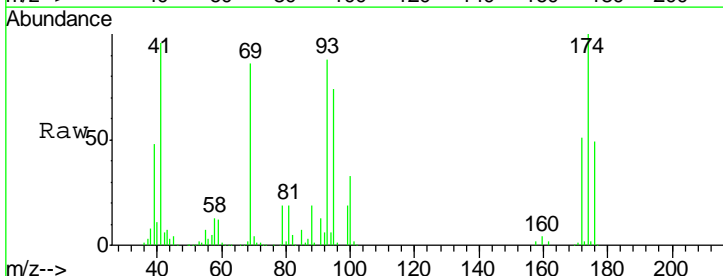
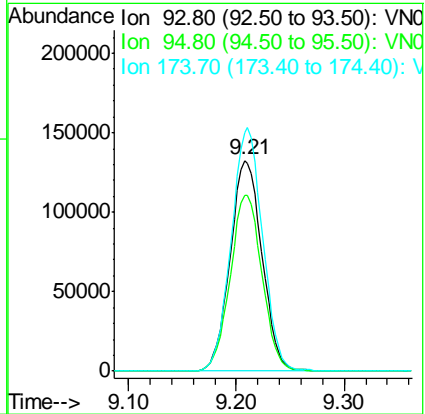
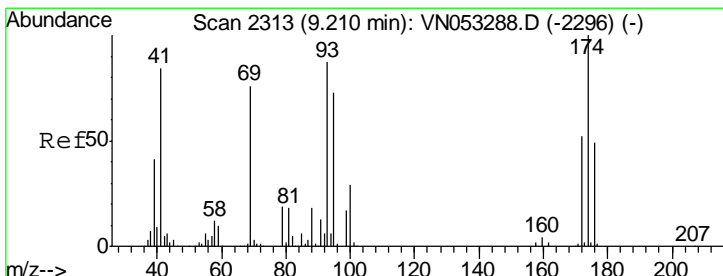
Tgt Ion	Resp	Lower	Upper
63	100		
65	31.5	25.0	37.6

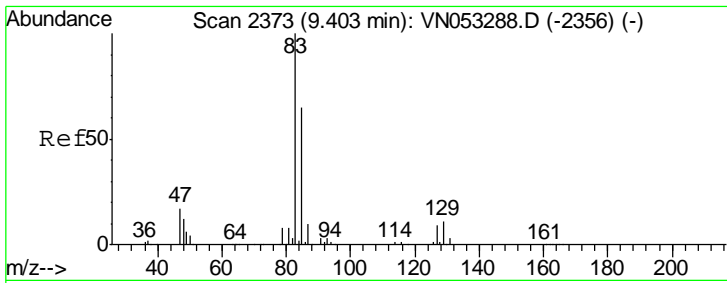
Manual Integrations
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#46
 Dibromomethane
 Concen: 50.664 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

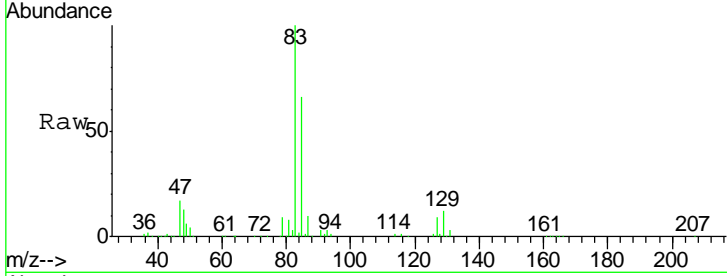
Tgt Ion	Resp	Lower	Upper
93	100		
95	83.3	66.6	100.0
174	113.2	91.4	137.0





#47
 Bromodichloromethane
 Concen: 51.920 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

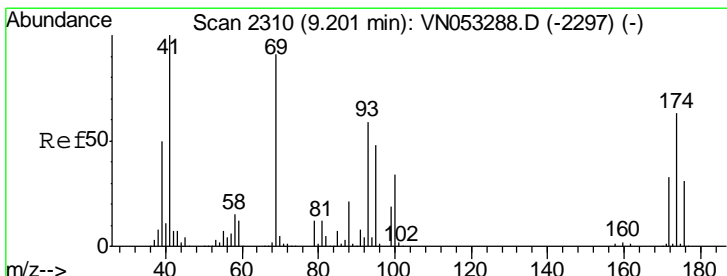
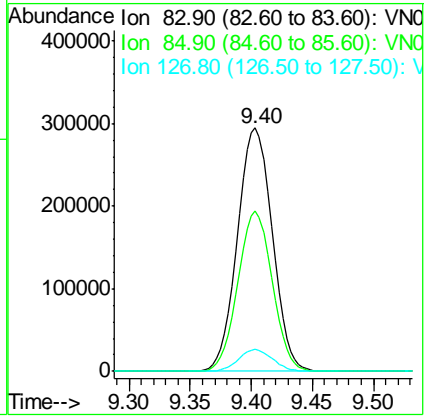
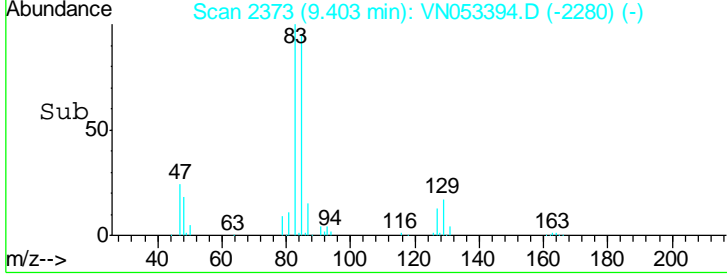
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC



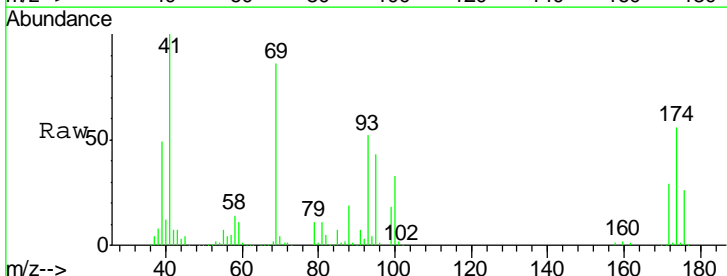
Tgt Ion: 83 Resp: 584037

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.7	77.5
127	8.9	7.0	10.6

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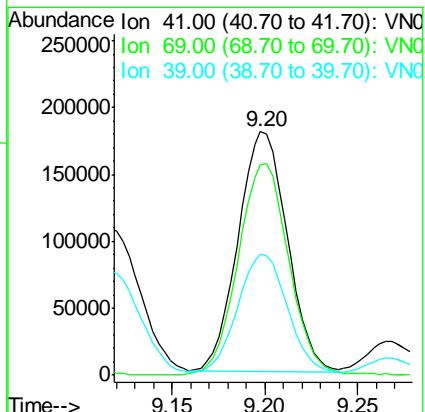
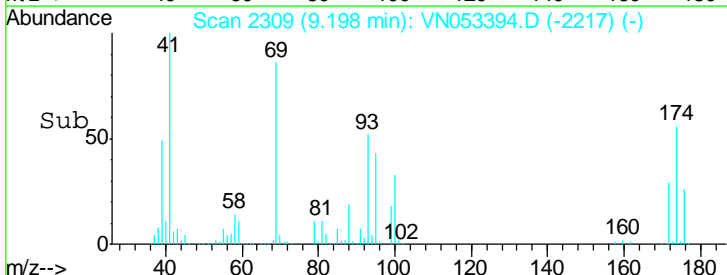


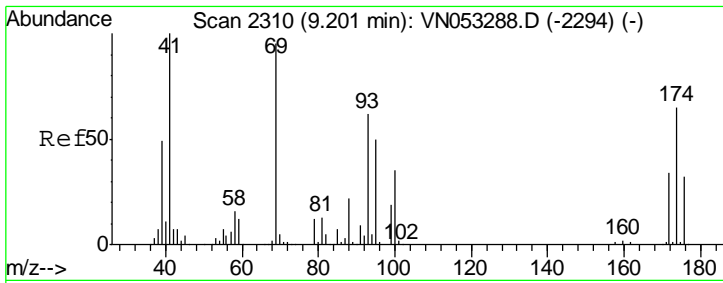
#48
 Methyl methacrylate
 Concen: 48.975 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33



Tgt Ion: 41 Resp: 329454

Ion	Ratio	Lower	Upper
41	100		
69	91.3	73.5	110.3
39	52.1	41.6	62.4





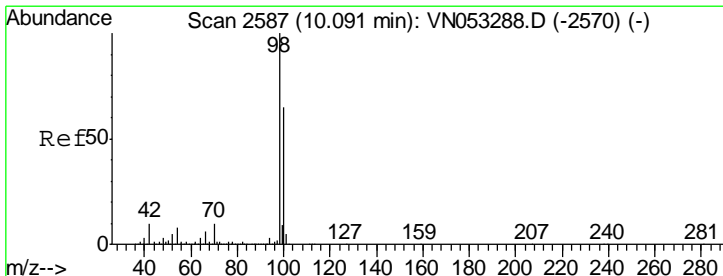
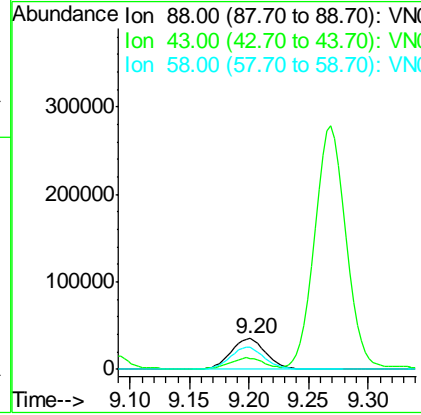
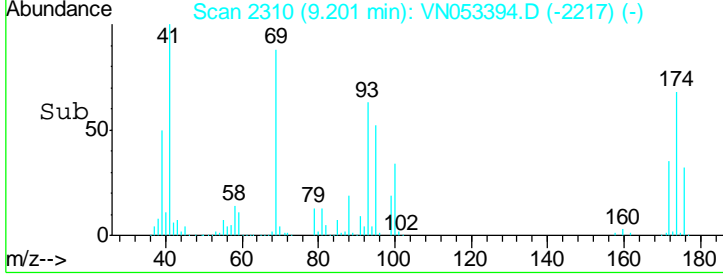
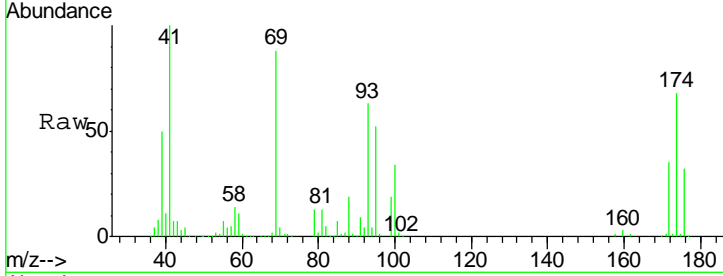
#49
 1,4-Dioxane
 Concen: 1003.402 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
88	100		
43	33.7	26.2	39.4
58	71.0	55.5	83.3

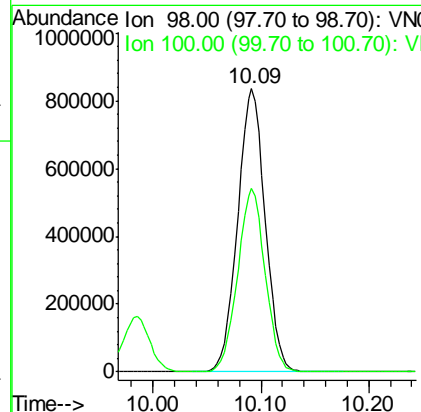
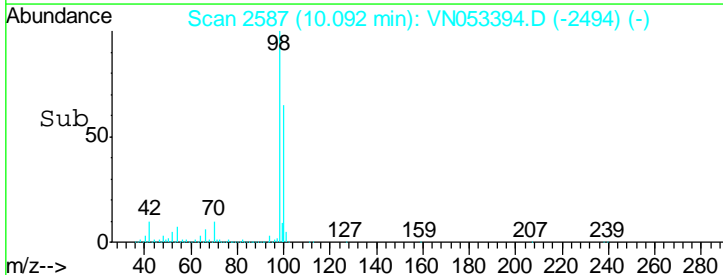
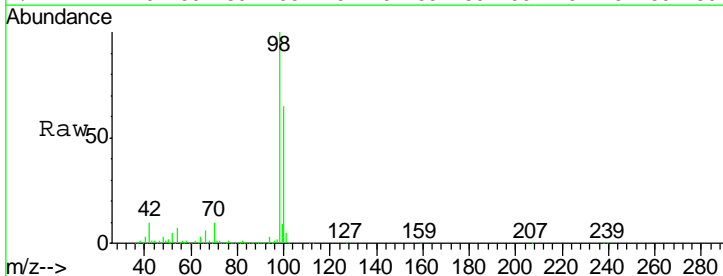
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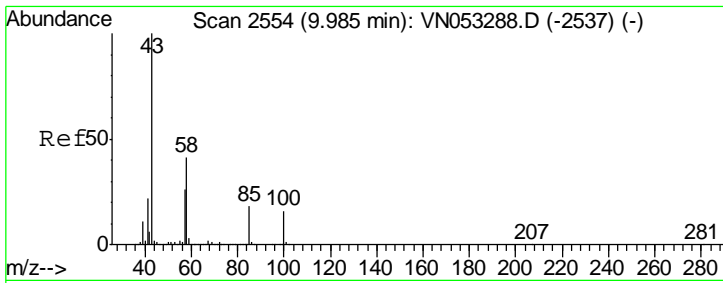
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#50
 Toluene-d8
 Concen: 1003.402 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
98	100		
100	64.5	51.5	77.3



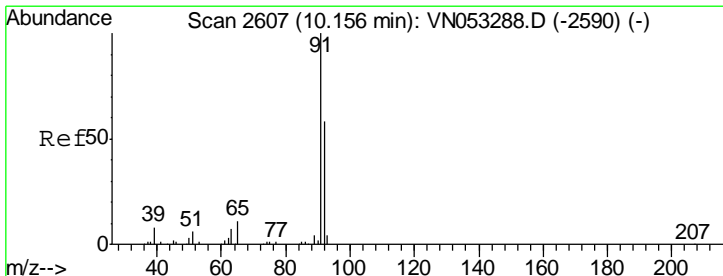
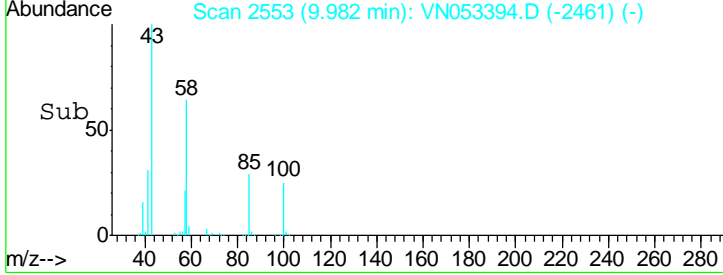
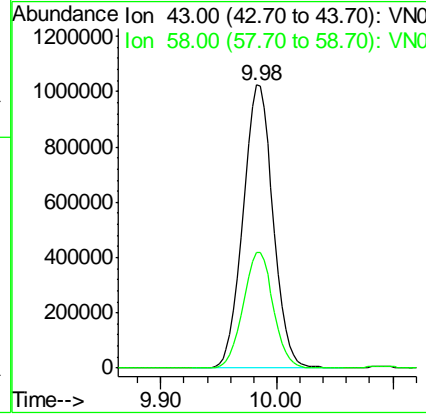
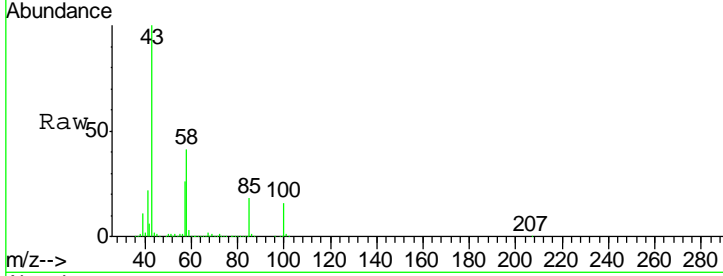


#51
 4-Methyl-2-Pentanone
 Concen: 246.356 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

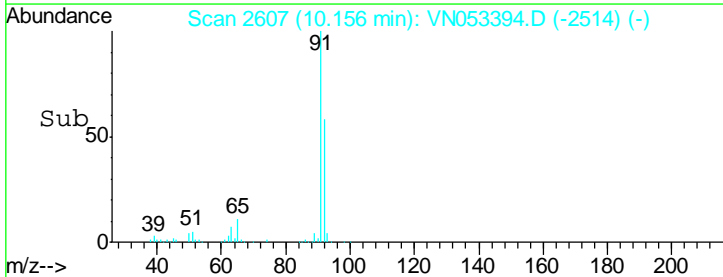
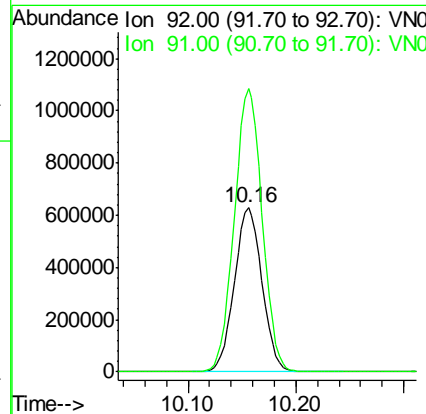
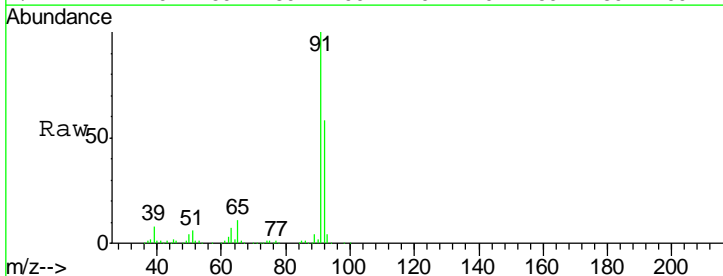
Tgt Ion	Resp	Lower	Upper
43	100		
58	41.0	32.7	49.1

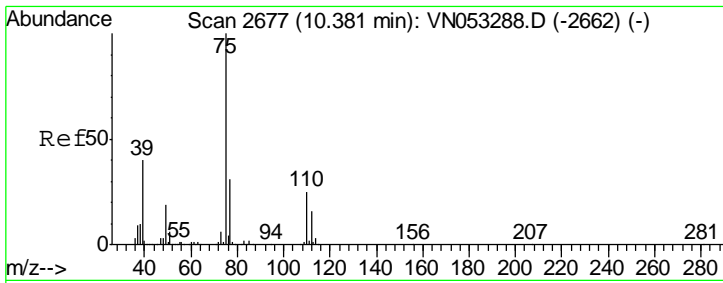
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#52
 Toluene
 Concen: 51.798 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
92	100		
91	174.4	138.6	208.0



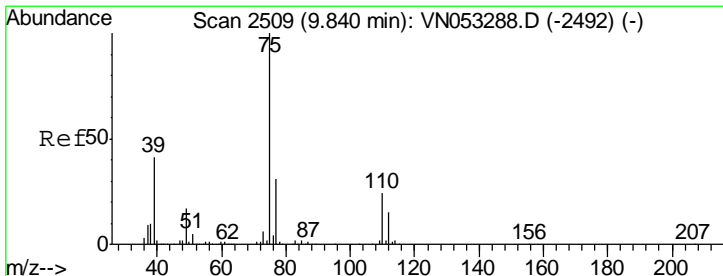
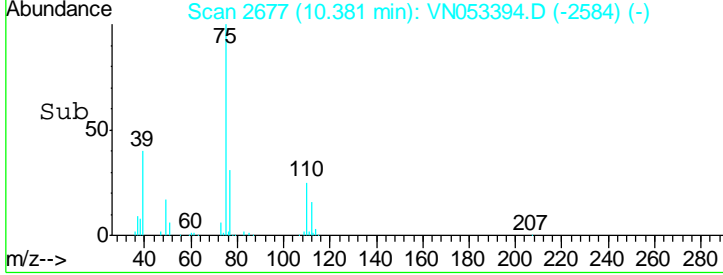
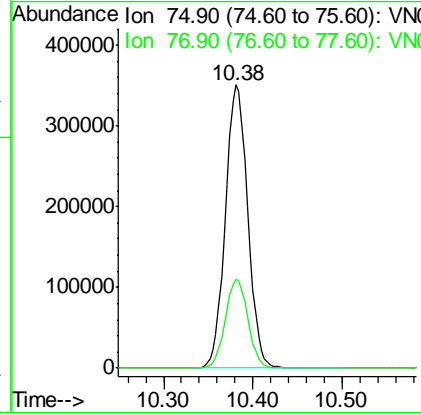
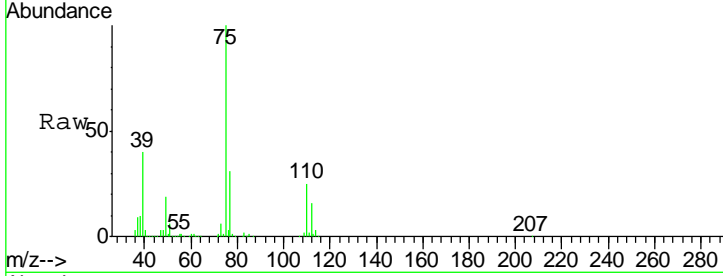


#53
 t-1,3-Dichloropropene
 Concen: 52.853 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

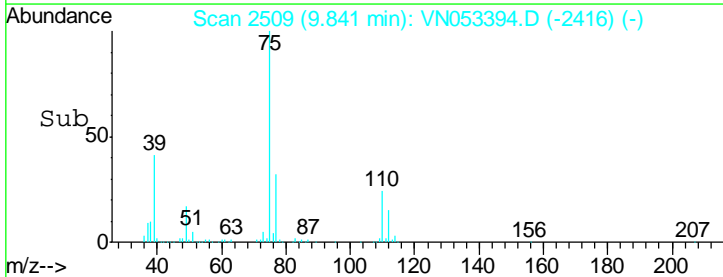
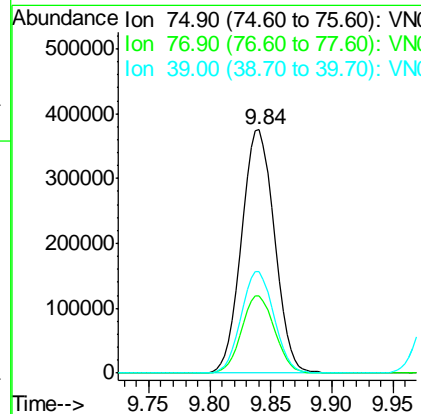
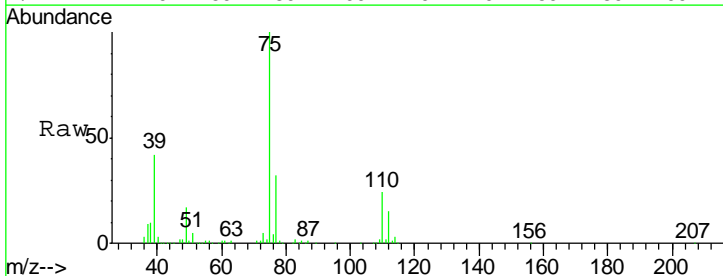
Tgt Ion	Resp	Lower	Upper
75	100		
77	31.3	25.0	37.4

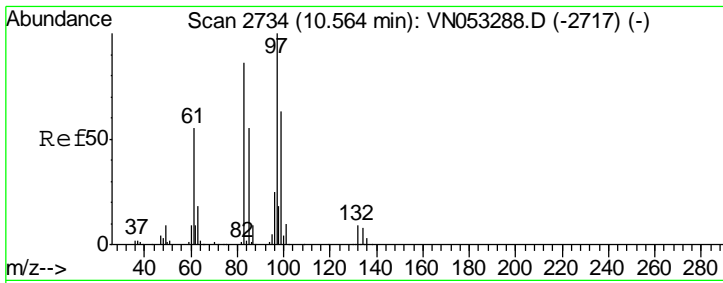
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#54
 cis-1,3-Dichloropropene
 Concen: 52.758 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
75	100		
77	31.8	25.1	37.7
39	41.4	33.1	49.7





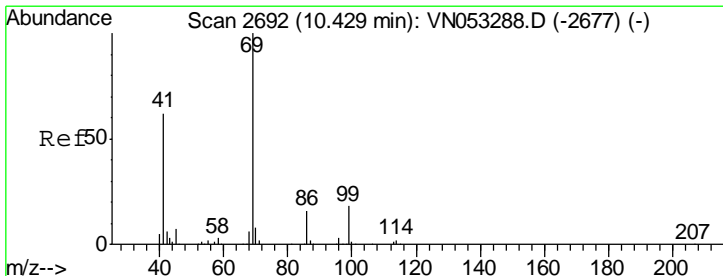
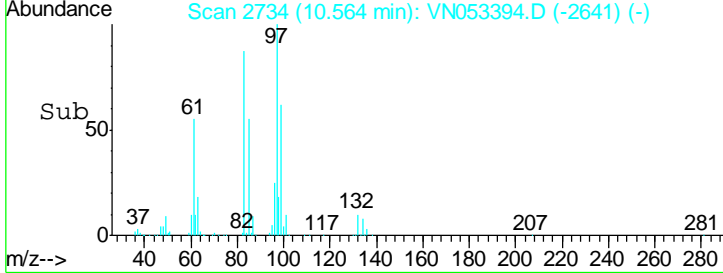
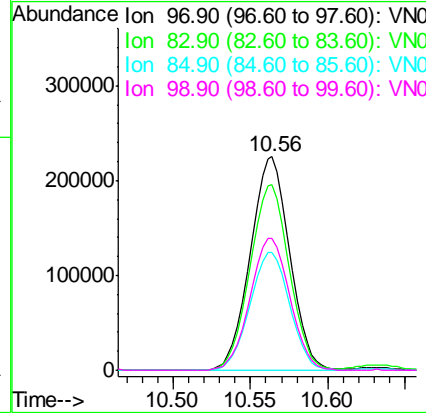
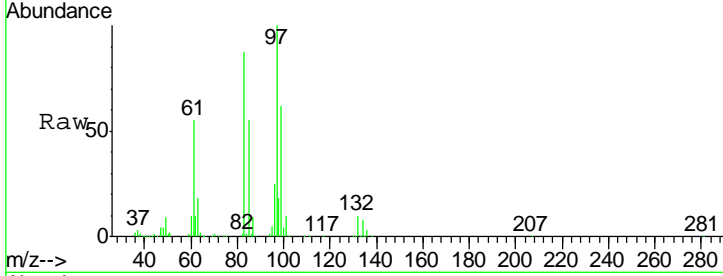
#55
 1,1,2-Trichloroethane
 Concen: 50.094 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
97	100		
83	87.0	69.1	103.7
85	55.1	44.2	66.4
99	61.9	50.3	75.5

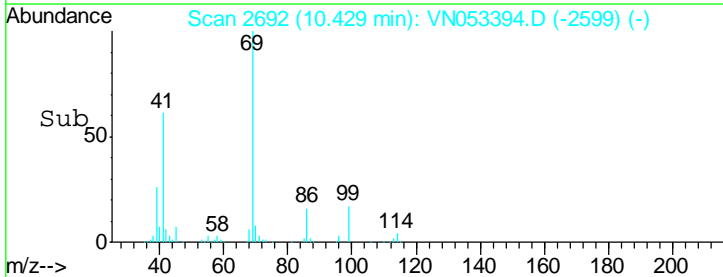
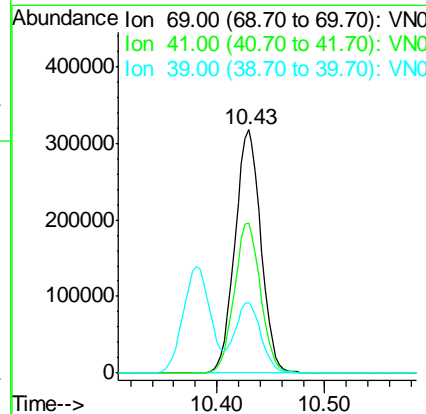
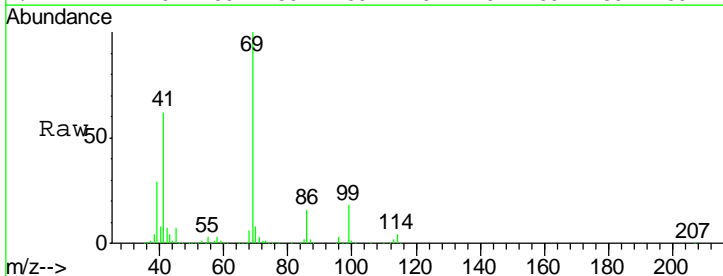
Manual Integrations
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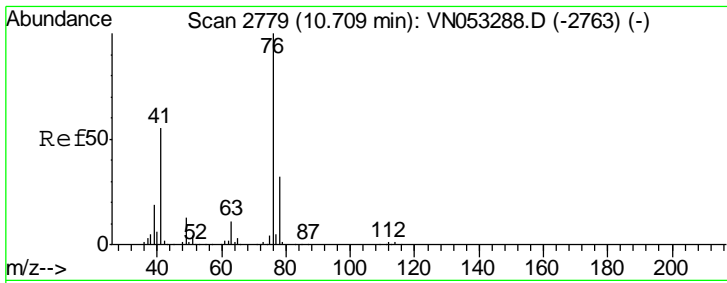
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#56
 Ethyl methacrylate
 Concen: 51.568 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
69	100		
41	61.8	49.2	73.8
39	29.2	23.4	35.0



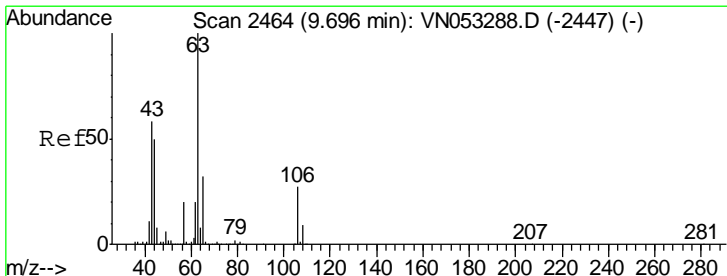
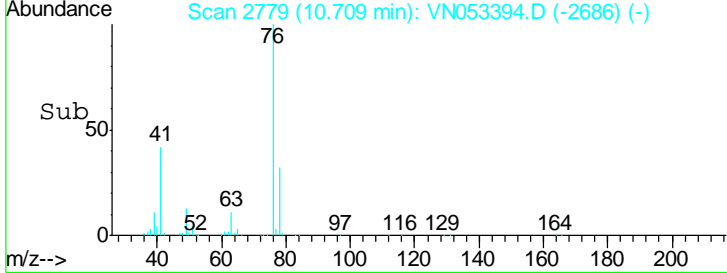
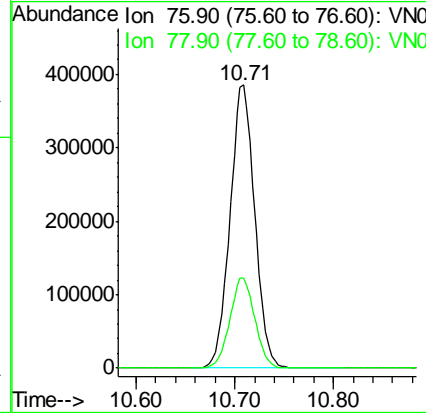
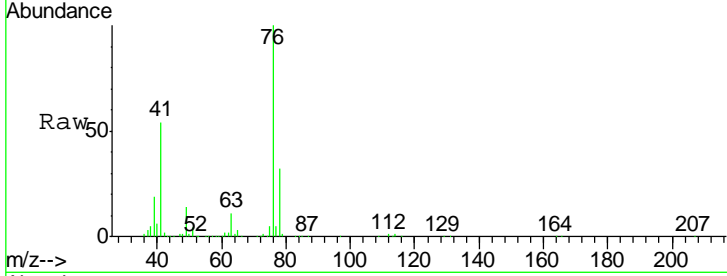


#57
 1,3-Dichloropropane
 Concen: 50.802 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

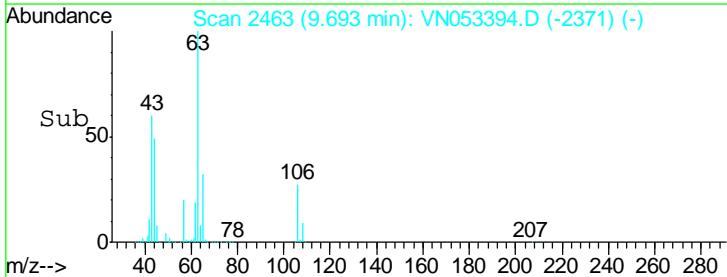
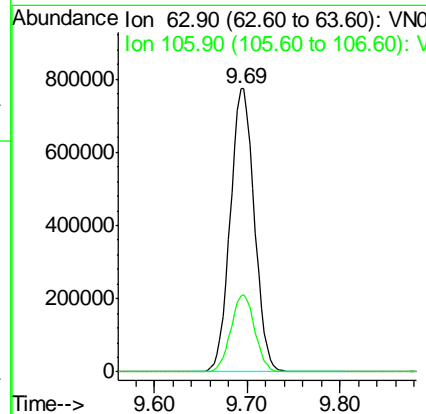
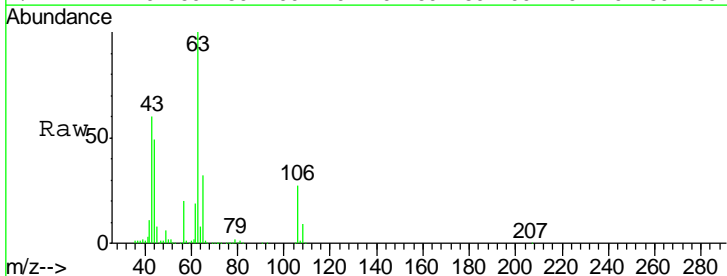
Tgt Ion	Resp	Lower	Upper
76	676451		
76	100		
78	32.2	25.8	38.8

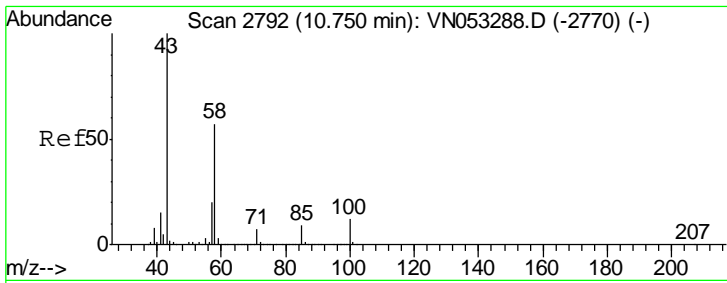
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#58
 2-Chloroethyl Vinyl ether
 Concen: 248.535 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
63	1390295		
63	100		
106	27.1	21.7	32.5



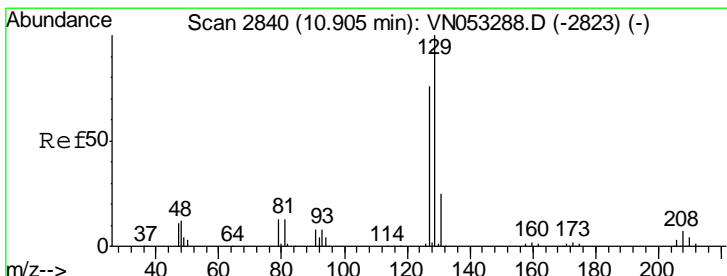
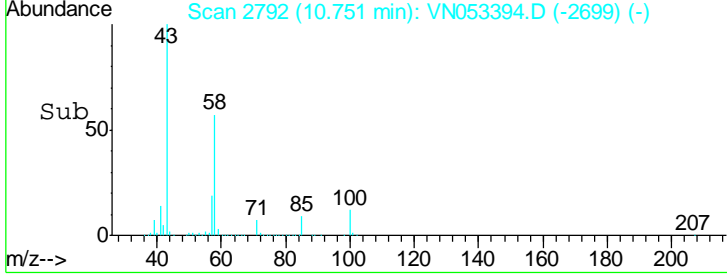
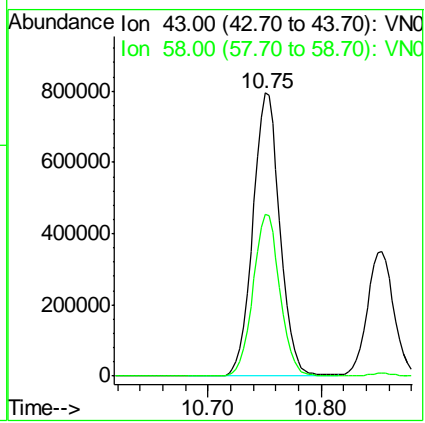
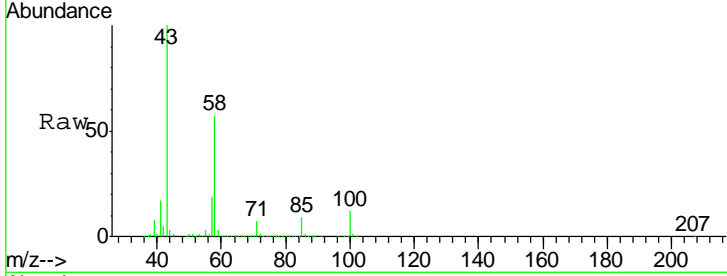


#59
 2-Hexanone
 Concen: 257.996 ug/l
 RT: 10.75 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

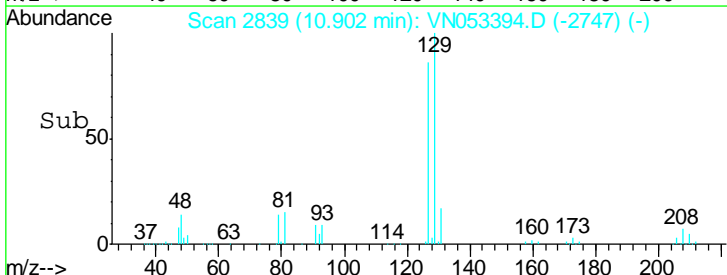
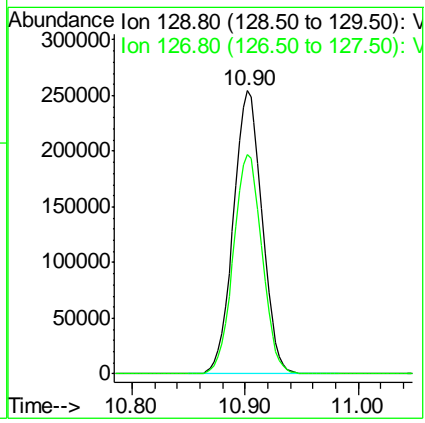
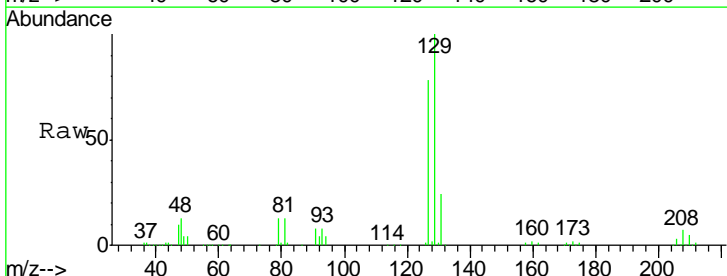
Tgt Ion	Resp	Lower	Upper
43	100		
58	56.9	28.3	85.0

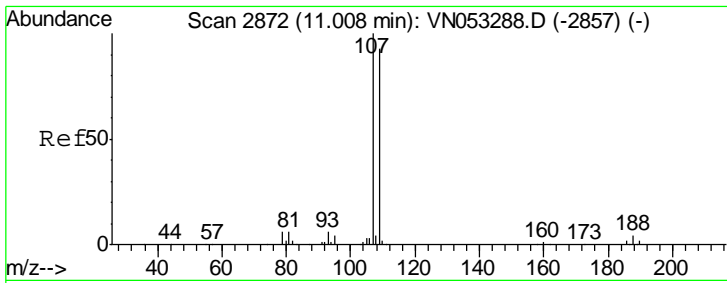
Manual Integrations
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 1/15/2019 11:14:40 AM



#60
 Dibromochloromethane
 Concen: 52.427 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
129	100		
127	77.4	38.4	115.2





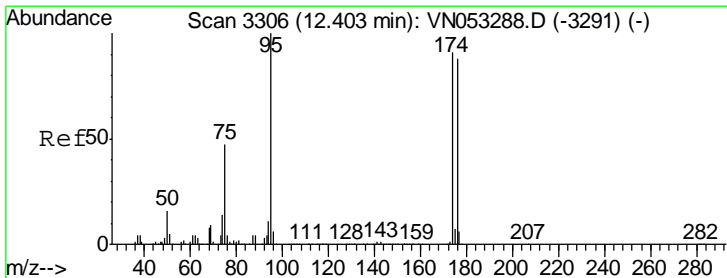
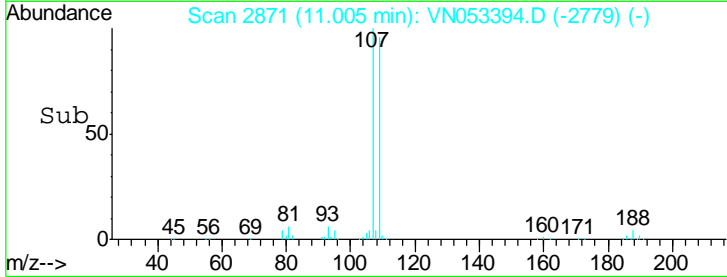
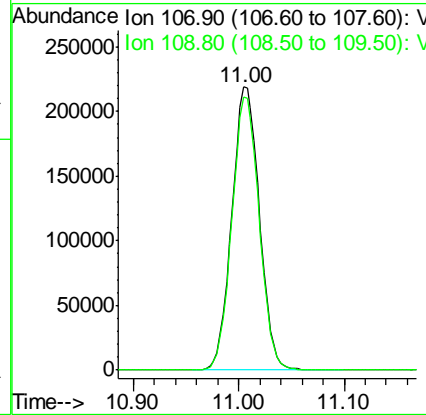
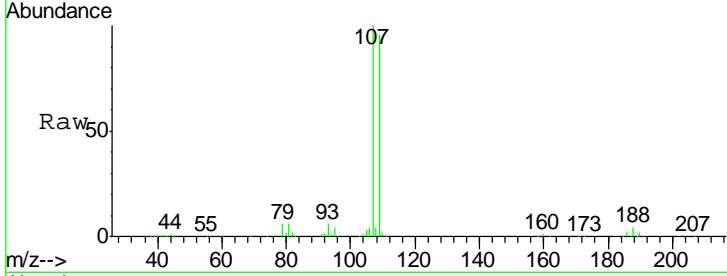
#61
 1,2-Dibromoethane
 Concen: 50.209 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
107	100		
109	95.9	75.0	112.6

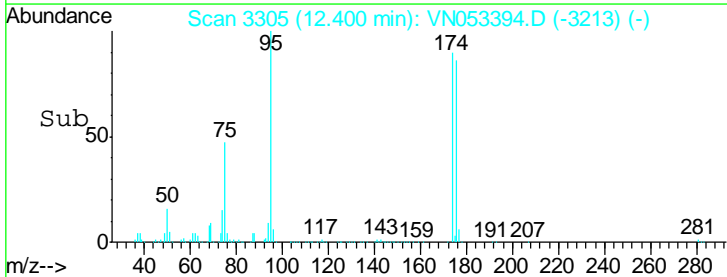
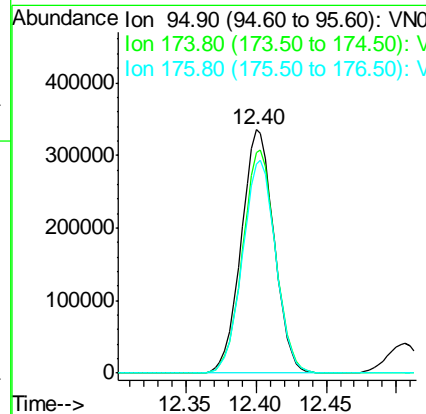
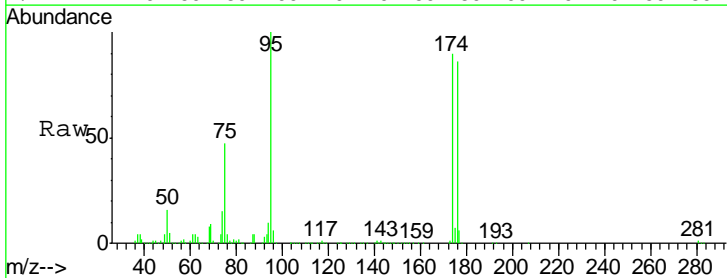
Manual Integrations
 APPROVED

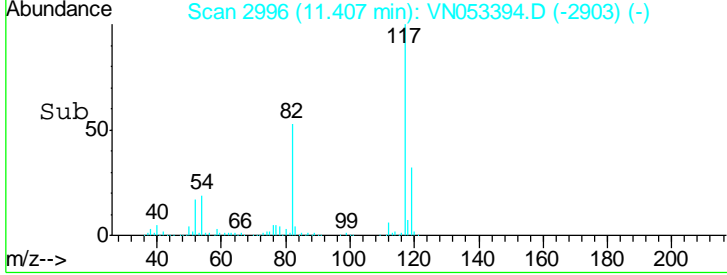
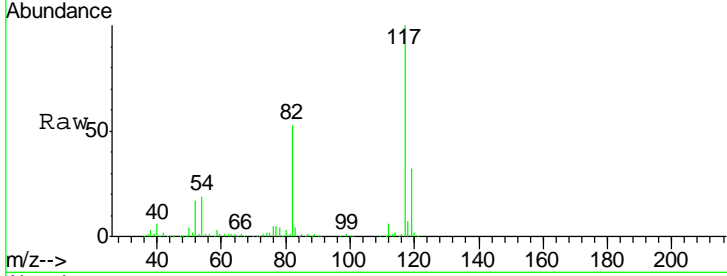
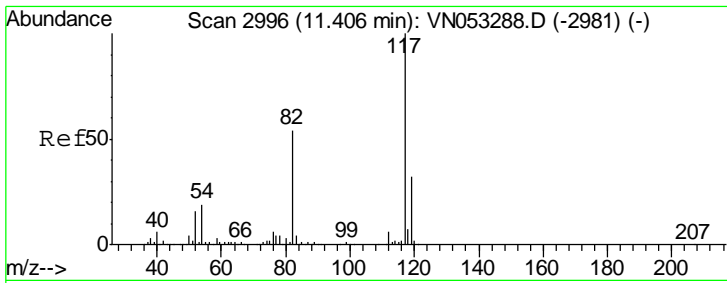
MMDadoda
 1/15/2019 11:14:40 AM



#62
 4-Bromofluorobenzene
 Concen: 50.209 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
95	100		
174	91.6	0.0	180.4
176	88.4	0.0	175.6





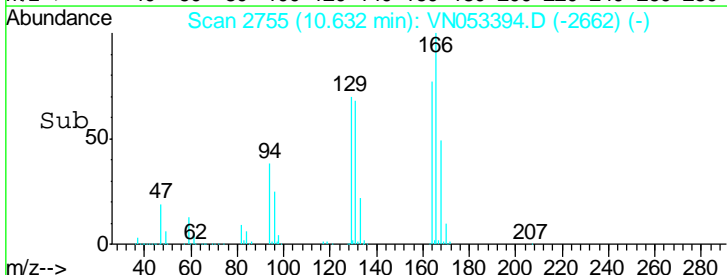
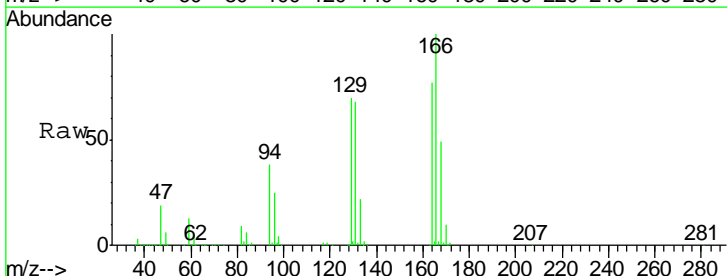
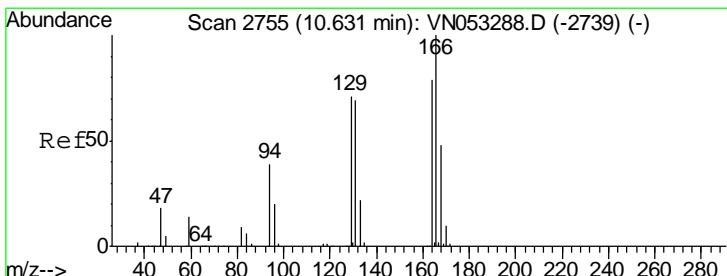
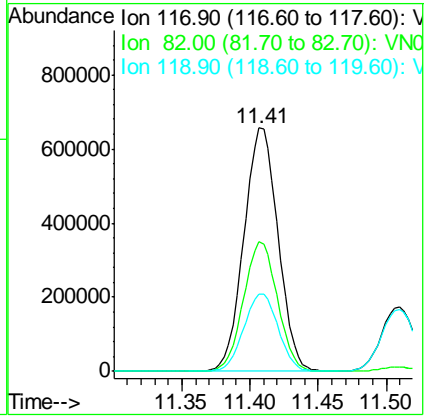
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 117 Resp: 1141889

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.9	64.3
119	31.7	25.6	38.4

Instrument : MSVOA_N
 Client Sampled : VSTDCCC050EC

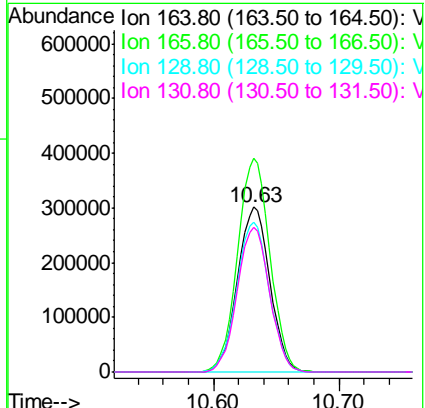
Manual Integrations
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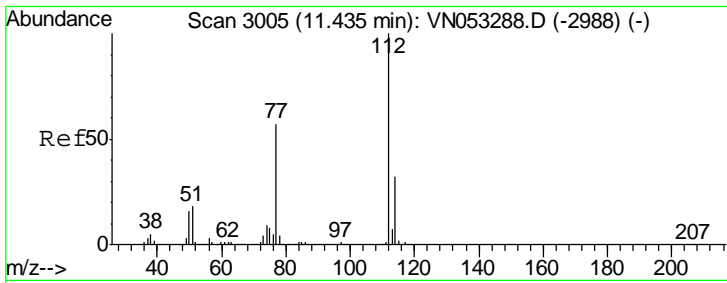


#64
 Tetrachloroethene
 Concen: 50.508 ug/l
 RT: 10.63 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 164 Resp: 542833

Ion	Ratio	Lower	Upper
164	100		
166	129.5	101.7	152.5
129	91.2	72.1	108.1
131	87.9	69.9	104.9





#65
 Chlorobenzene
 Concen: 50.895 ug/l
 RT: 11.43 min Scan# 3004
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

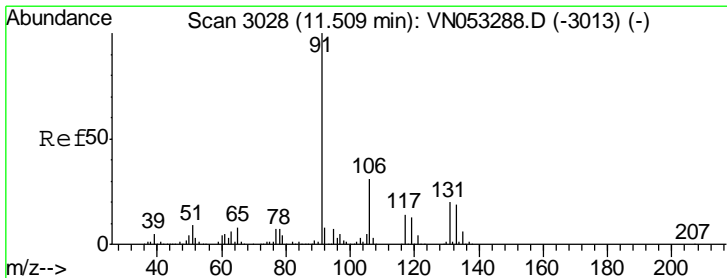
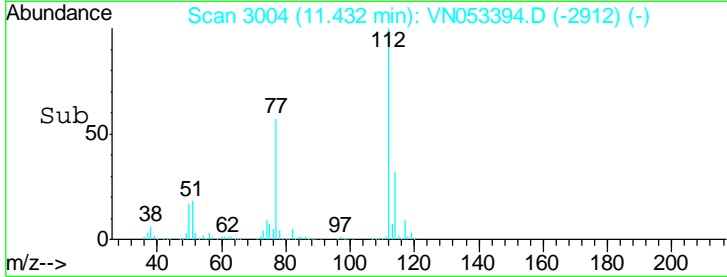
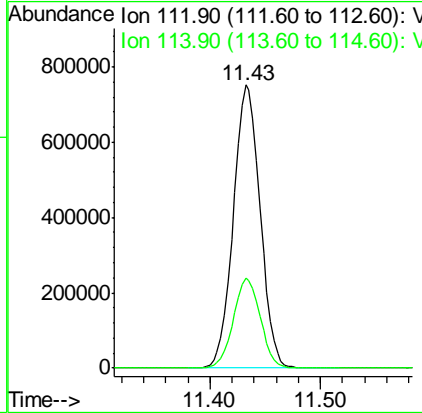
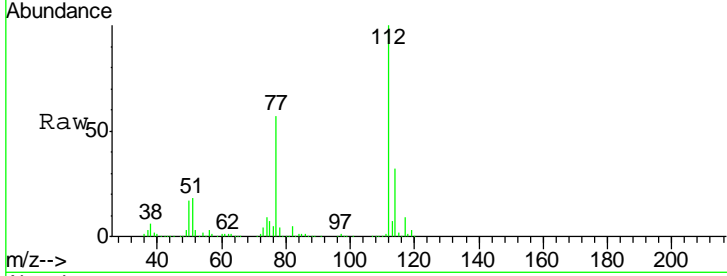
Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion:112 Resp: 1262498

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.6	38.4

Manual Integrations
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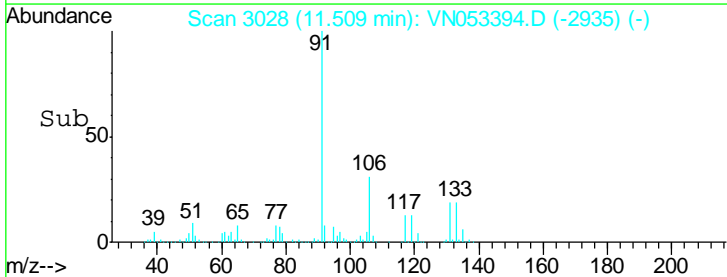
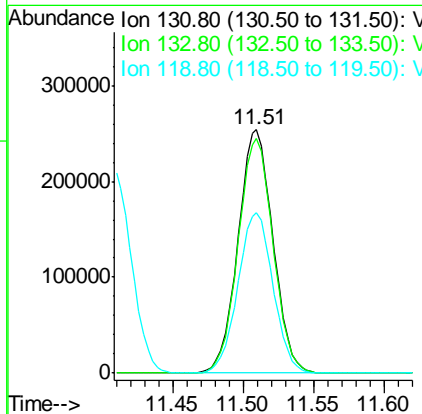
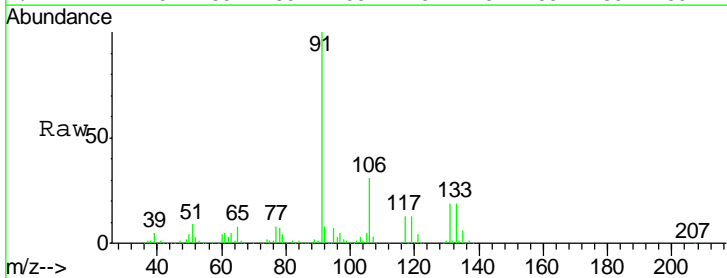
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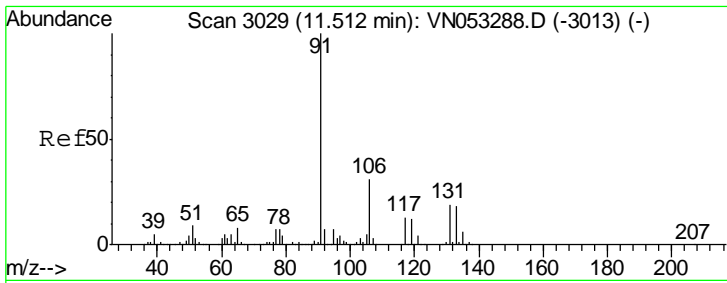


#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.687 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion:131 Resp: 440086

Ion	Ratio	Lower	Upper
131	100		
133	96.4	48.0	144.0
119	66.3	33.3	99.9



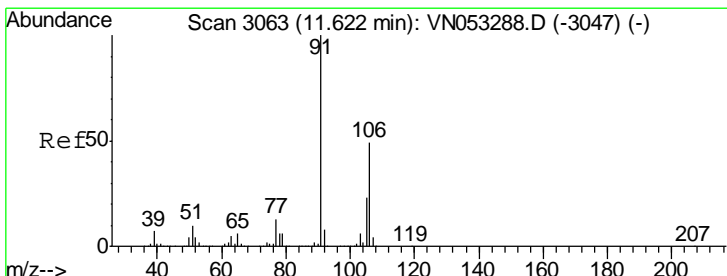
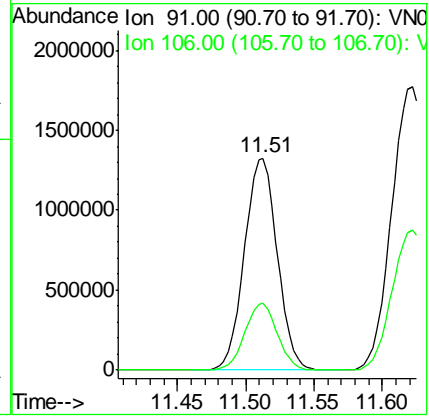
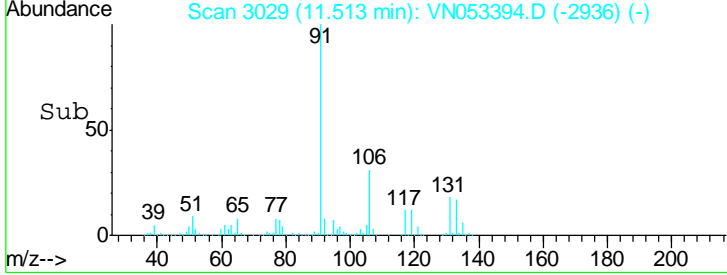
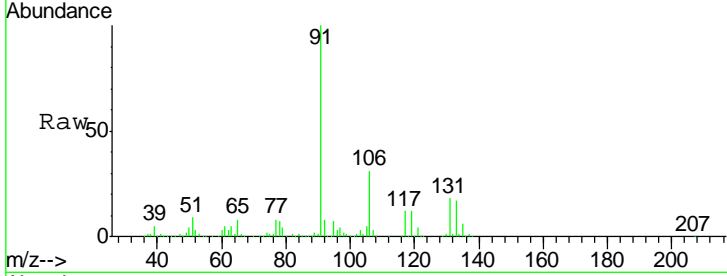


#67
 Ethyl Benzene
 Concen: 52.456 ug/l
 RT: 11.51 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

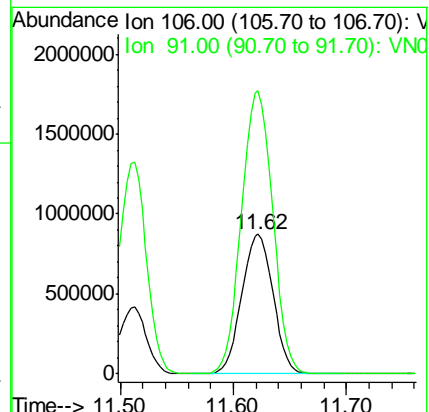
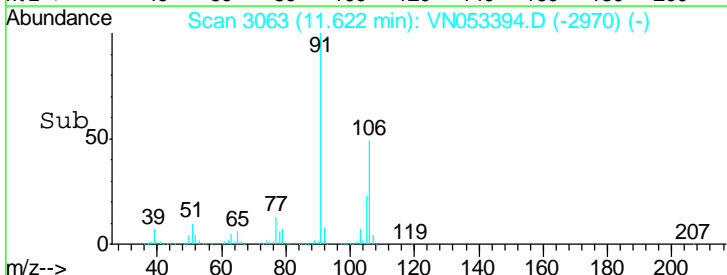
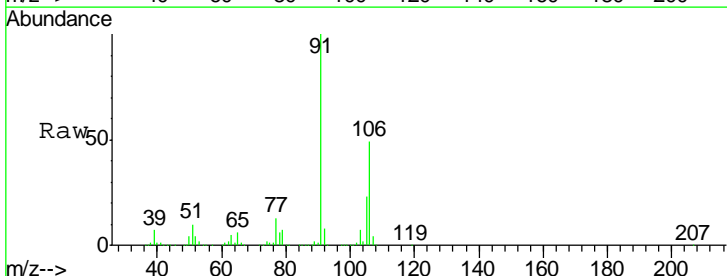
Tgt Ion: 91 Resp: 2211088
 Ion Ratio Lower Upper
 91 100
 106 31.4 25.0 37.4

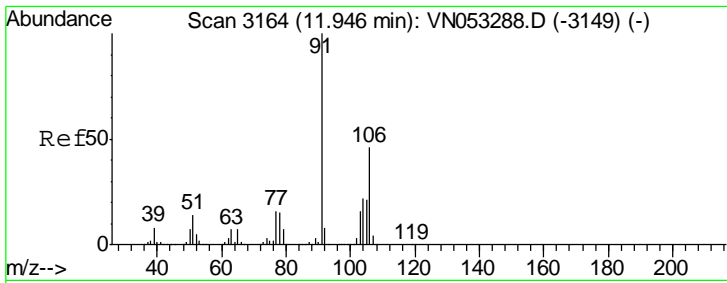
Manual Integrations
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#68
 m/p-Xylenes
 Concen: 106.336 ug/l
 RT: 11.62 min Scan# 3063
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 106 Resp: 1685418
 Ion Ratio Lower Upper
 106 100
 91 202.2 161.4 242.2



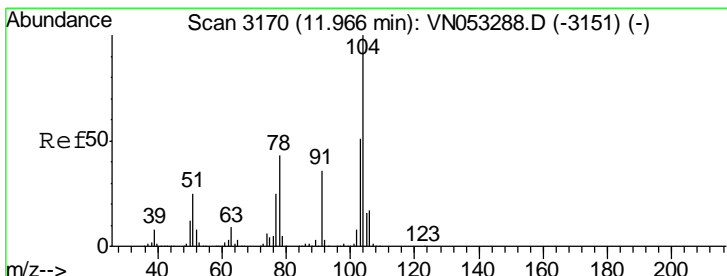
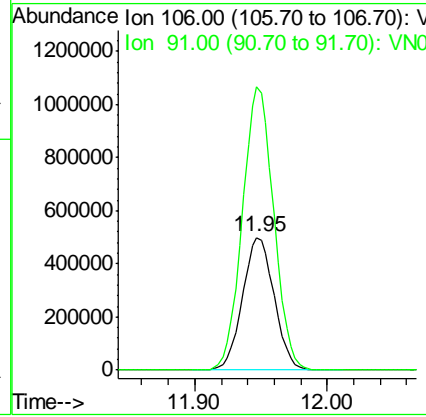
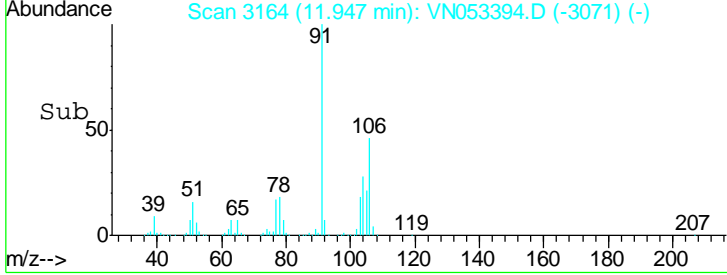
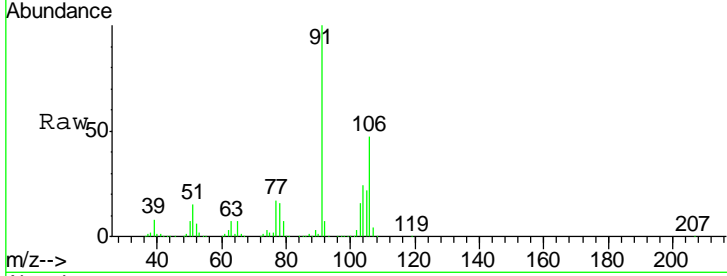


#69
 o-Xylene
 Concen: 53.103 ug/l
 RT: 11.95 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDC050EC

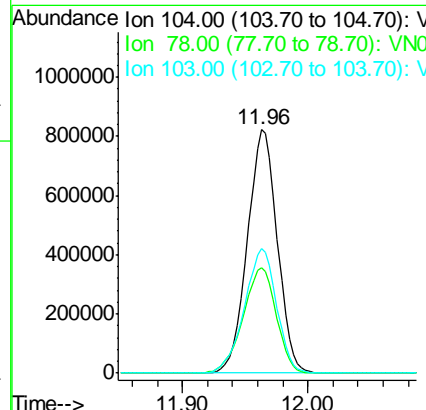
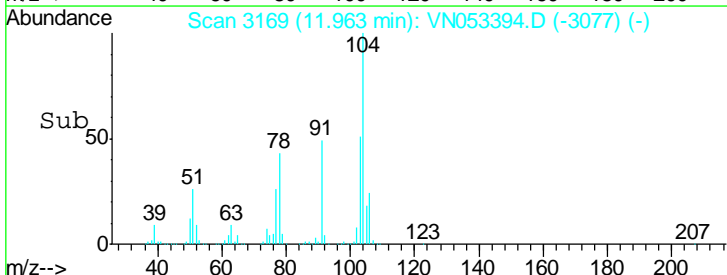
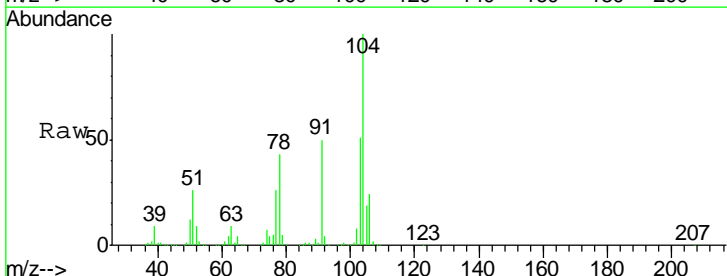
Tgt Ion	Resp	Lower	Upper
106	824011		
106	100		
91	211.8	106.8	320.4

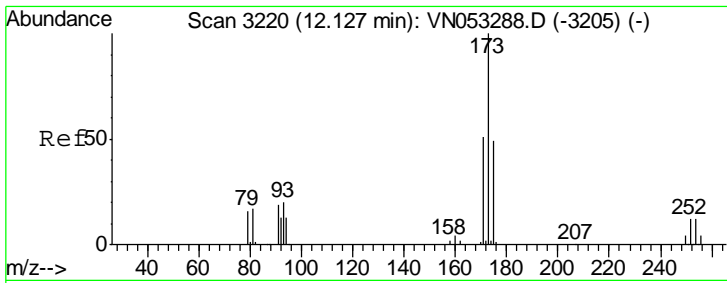
Manual Integrations
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#70
 Styrene
 Concen: 53.960 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
104	1362729		
104	100		
78	48.1	38.5	57.7
103	55.0	44.5	66.7





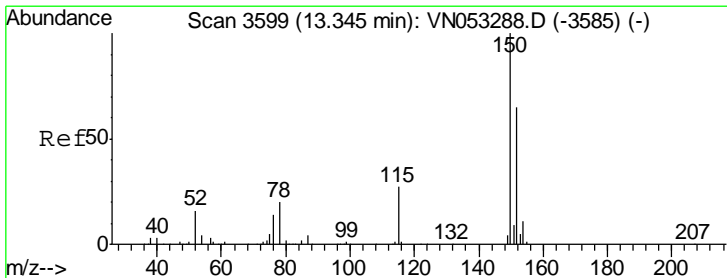
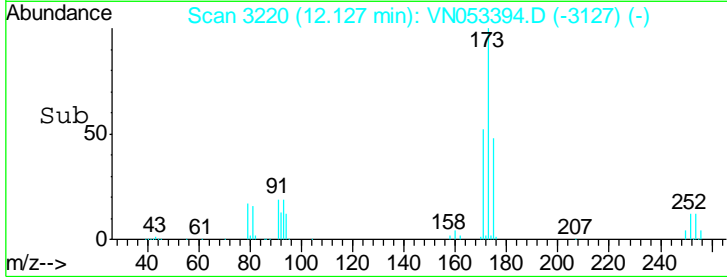
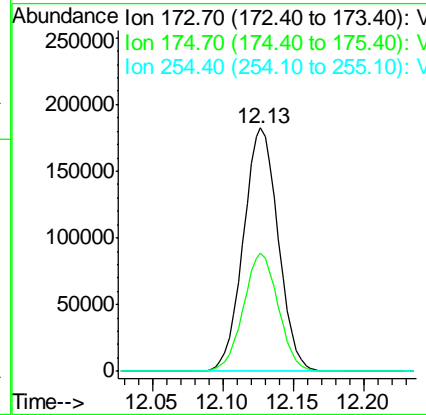
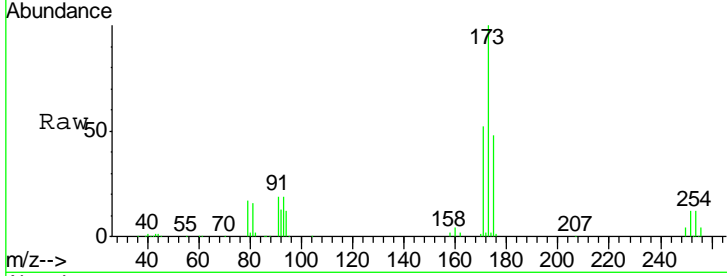
#71
 Bromoform
 Concen: 51.468 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.1	0.2	0.2#

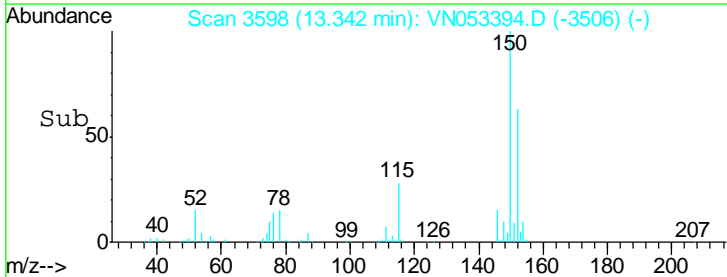
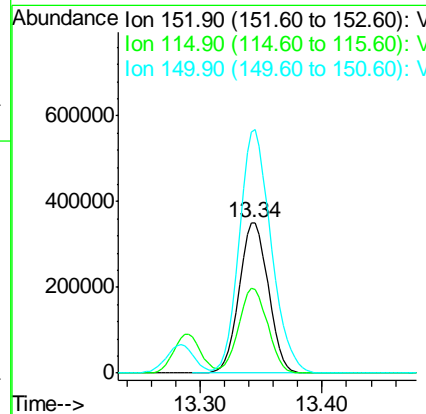
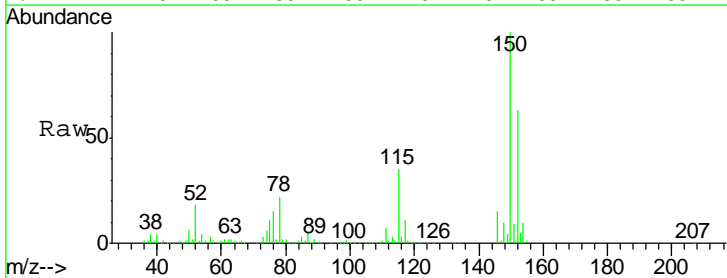
Manual Integrations
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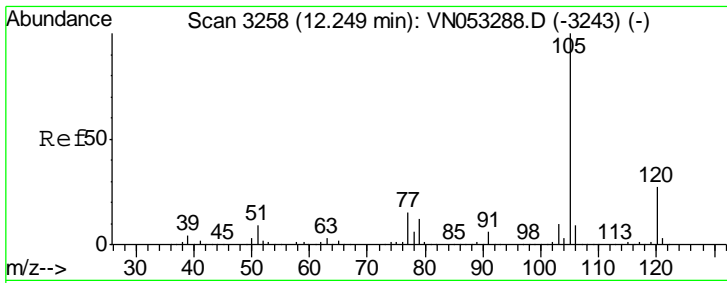
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
152	100		
115	56.2	28.0	84.0
150	176.4	0.0	346.6





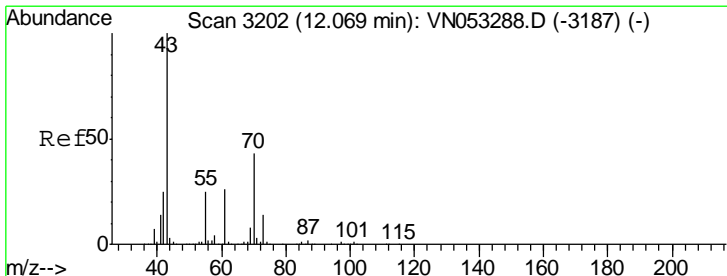
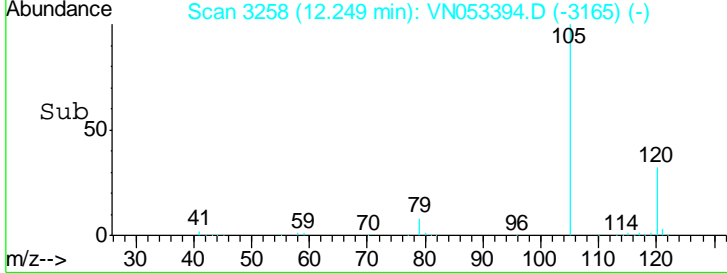
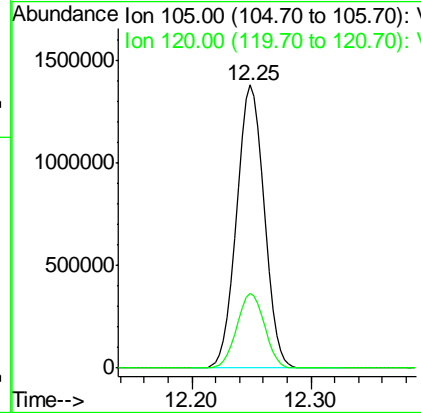
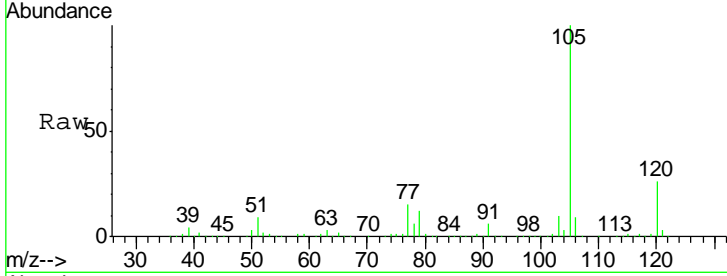
#73
 Isopropylbenzene
 Concen: 51.327 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion: 105 Resp: 2219159

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2

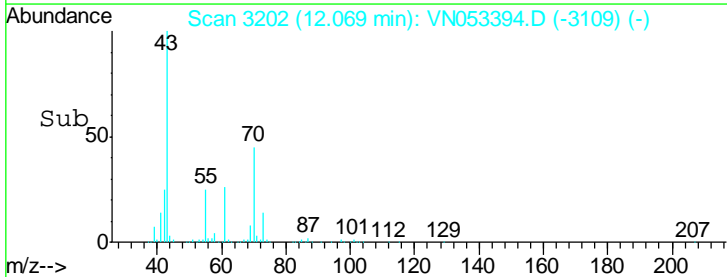
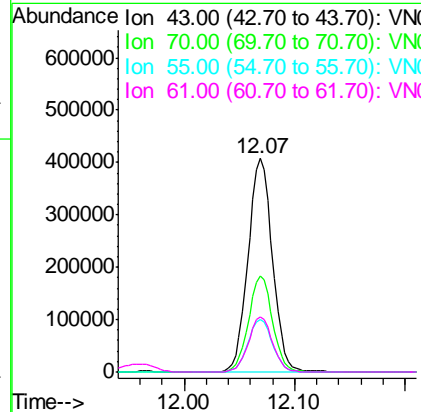
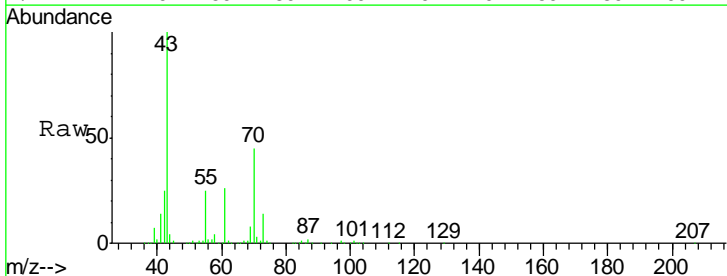
Manual Integrations
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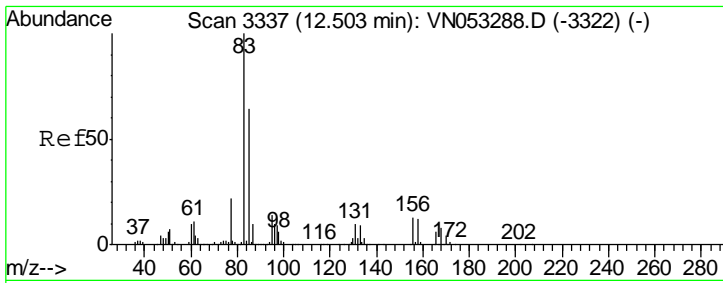


#74
 N-ethyl acetate
 Concen: 48.049 ug/l
 RT: 12.07 min Scan# 3202
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 43 Resp: 620337

Ion	Ratio	Lower	Upper
43	100		
70	44.4	35.0	52.6
55	25.2	20.0	30.0
61	25.6	20.3	30.5





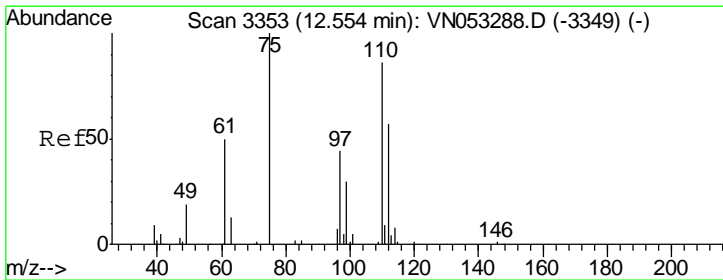
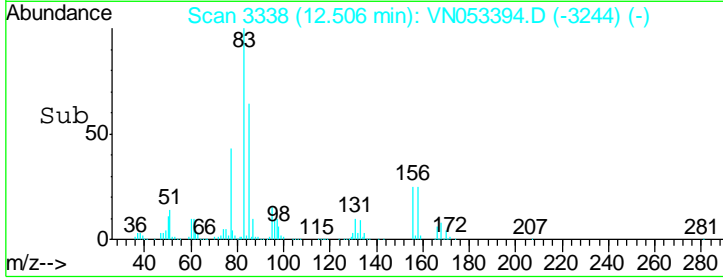
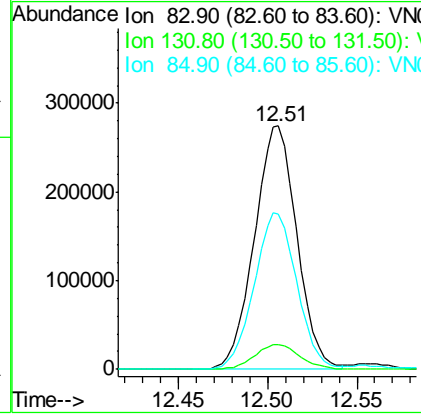
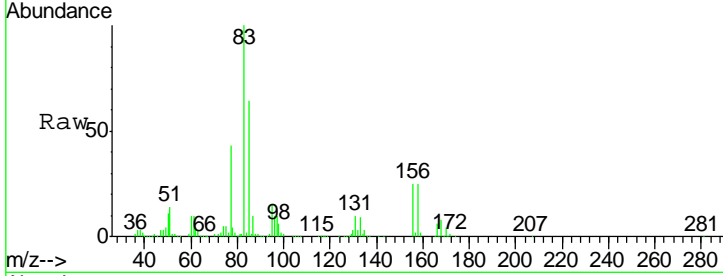
#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.957 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
83	100		
131	10.9	5.3	15.9
85	64.6	32.3	96.8

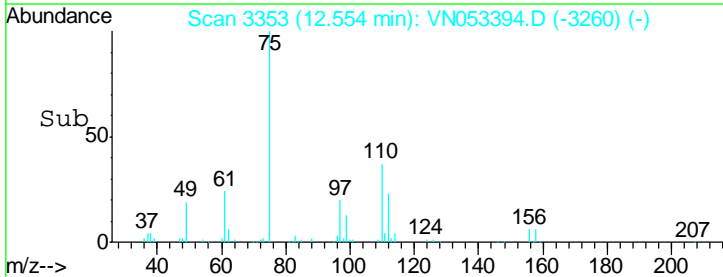
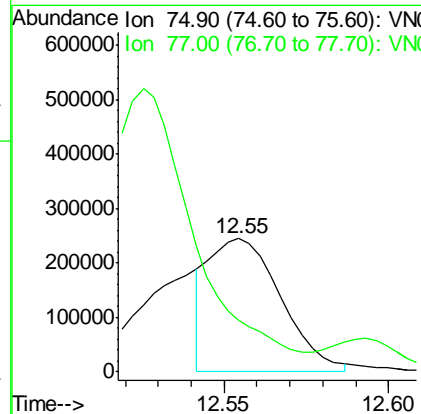
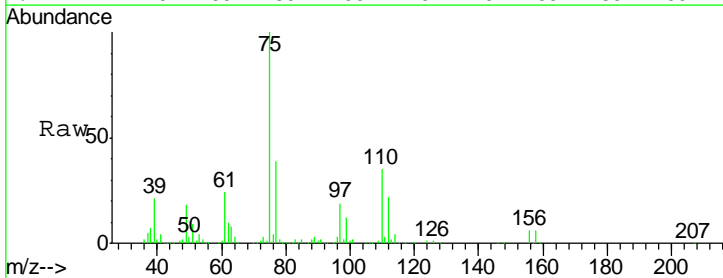
Manual Integrations
APPROVED

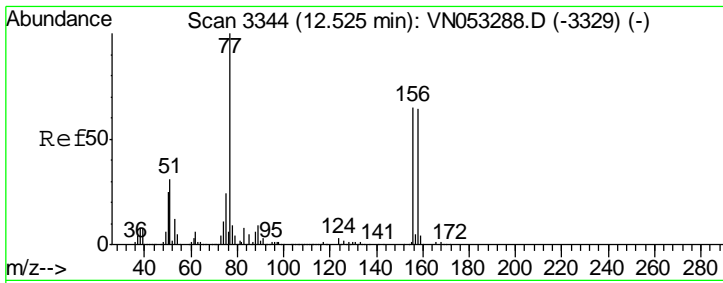
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#76
 1,2,3-Trichloropropane
 Concen: 44.078 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
75	100		
77	0.0	0.0	0.0



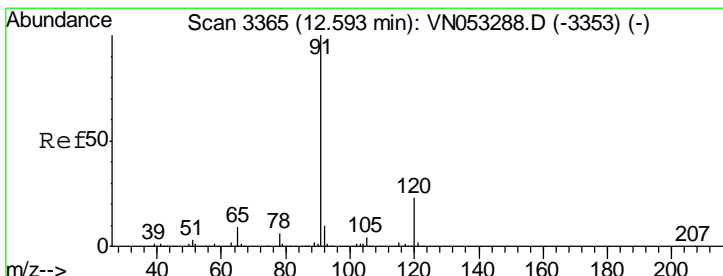
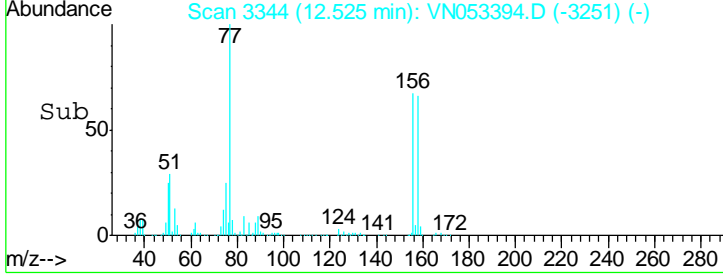
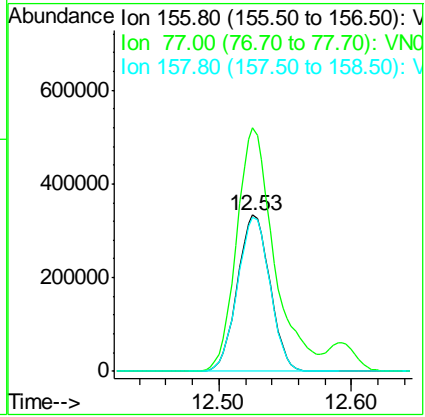
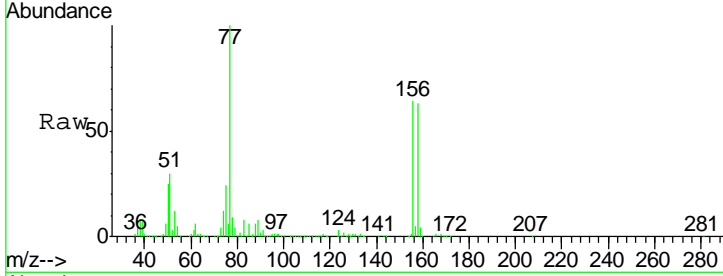


#77
 Bromobenzene
 Concen: 49.225 ug/l
 RT: 12.53 min Scan# 3344
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

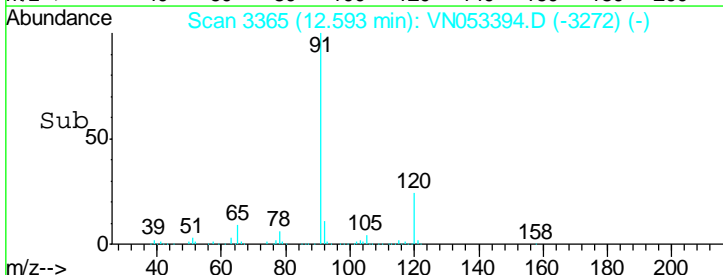
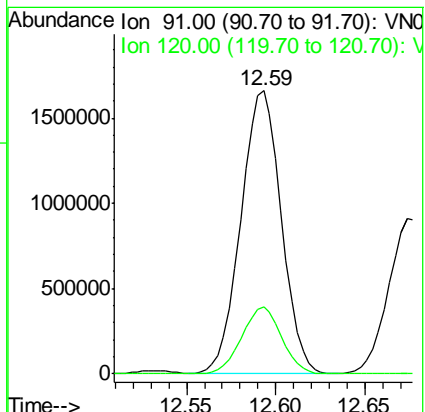
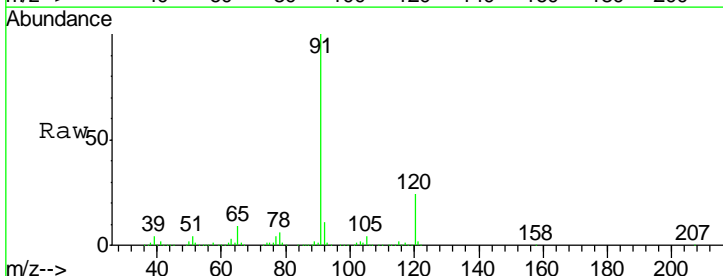
Tgt Ion	Resp	Lower	Upper
156	568029		
77	178.6	89.3	268.1
158	98.5	48.9	146.8

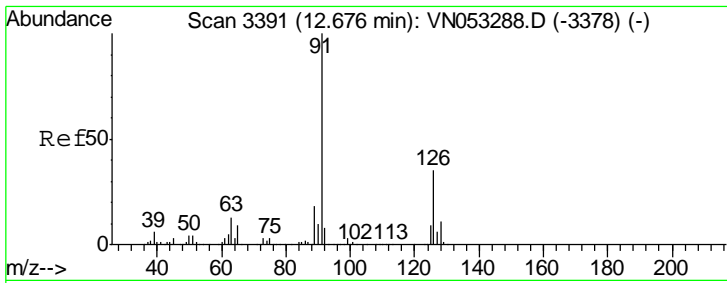
Manual Integrations
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#78
 n-propylbenzene
 Concen: 53.362 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
91	2609723		
120	23.4	11.5	34.5





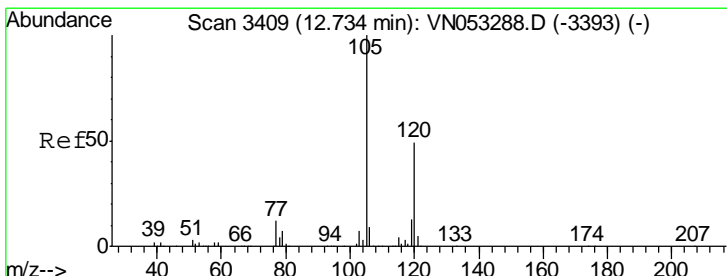
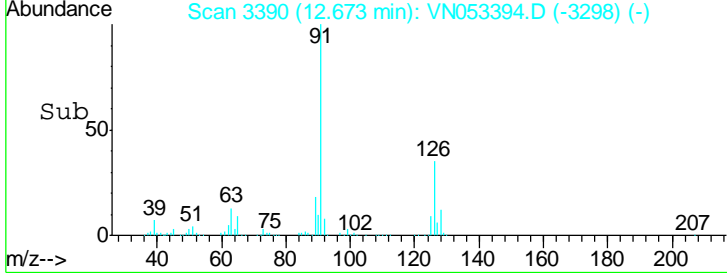
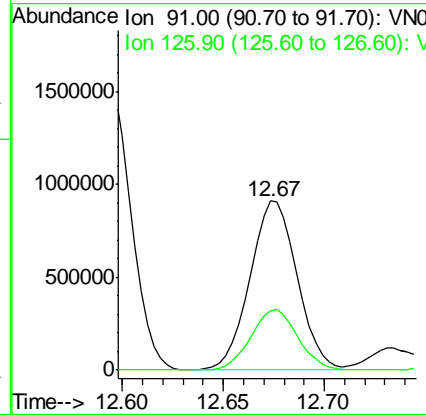
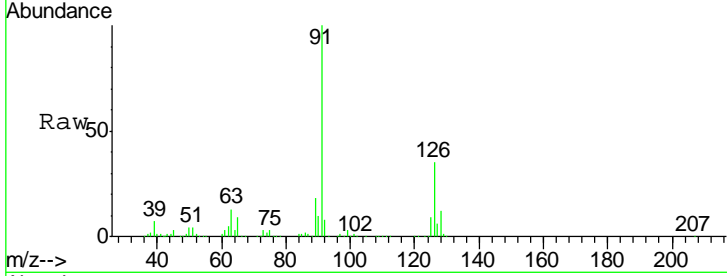
#79
 2-Chlorotoluene
 Concen: 50.322 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion: 91 Resp: 1489141

Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.5	52.5

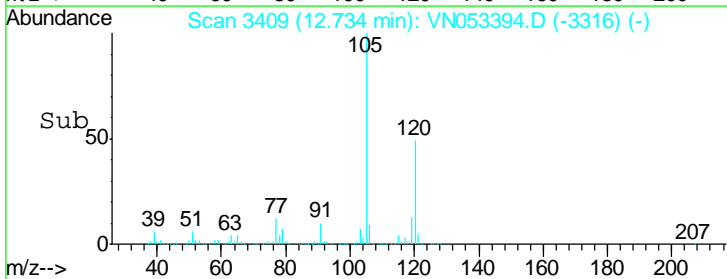
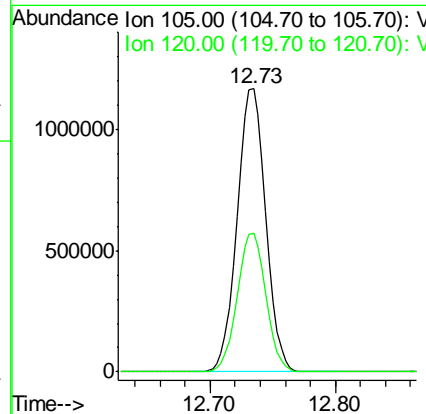
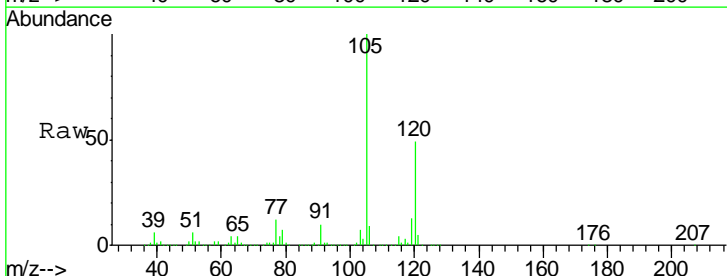
Manual Integrations
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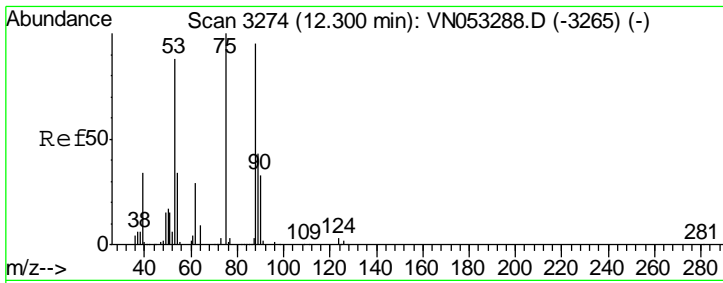


#80
 1,3,5-Trimethylbenzene
 Concen: 52.848 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion: 105 Resp: 1840502

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.7	74.1





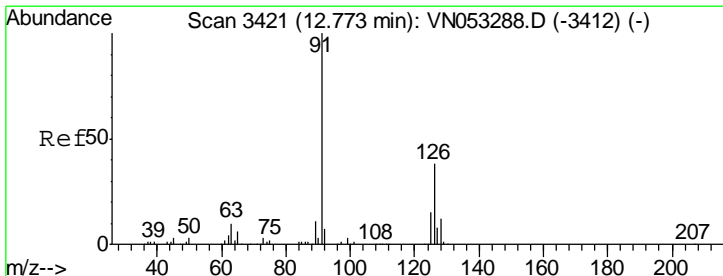
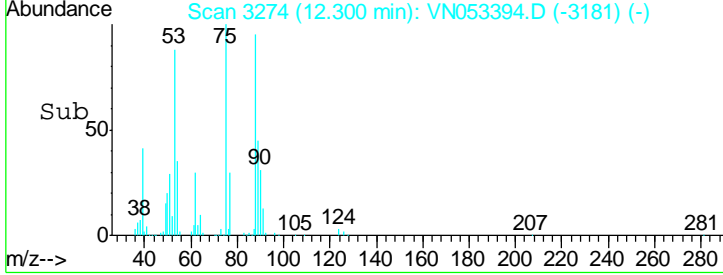
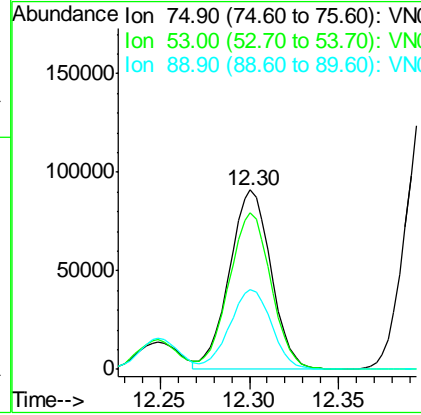
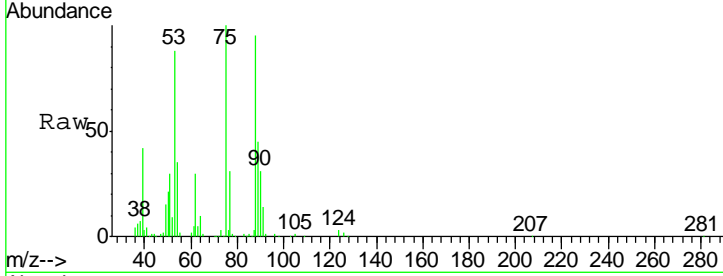
#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.043 ug/l
 RT: 12.30 min Scan# 3274
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
75	146946		
75	100		
53	89.2	70.5	105.7
89	45.1	35.4	53.0

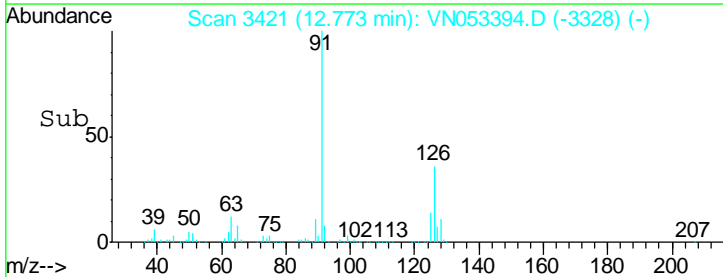
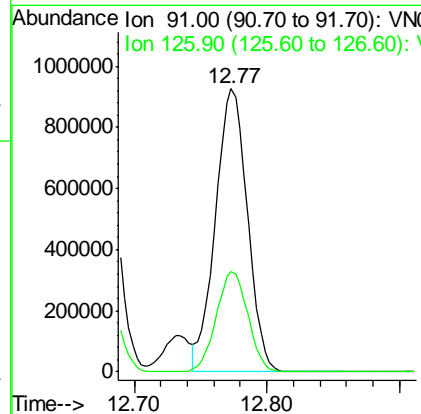
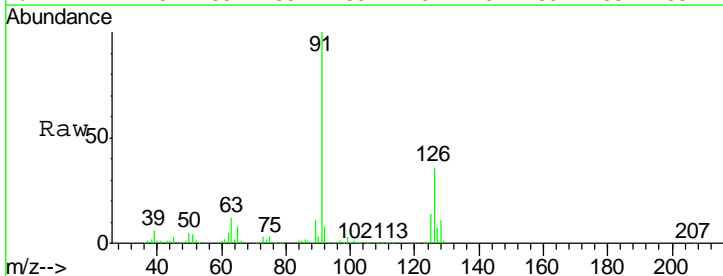
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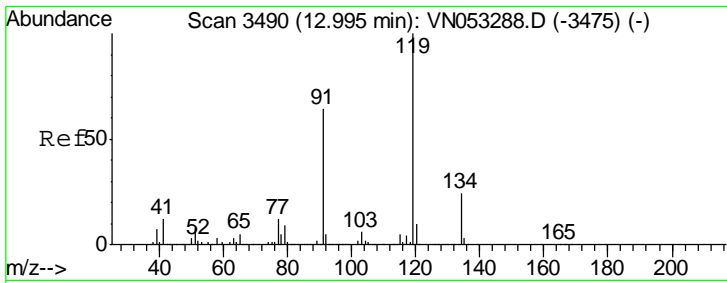
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#82
 4-Chlorotoluene
 Concen: 51.023 ug/l
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
91	1548241		
91	100		
126	35.1	17.4	52.2





#83
 tert-Butylbenzene
 Concen: 53.040 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

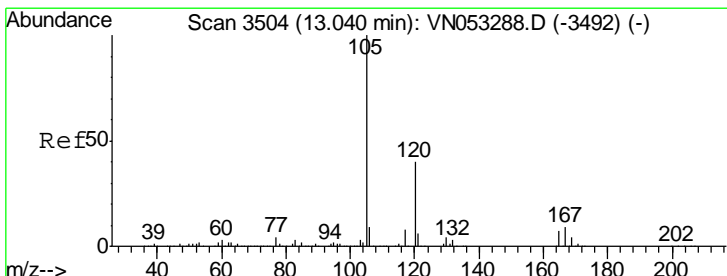
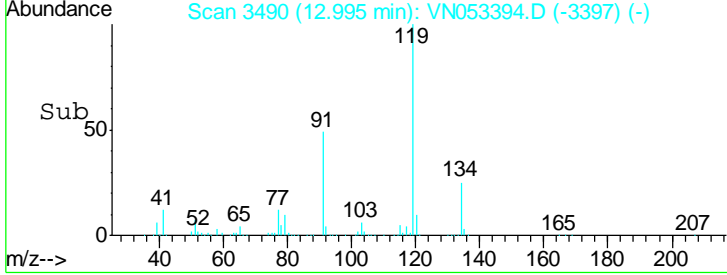
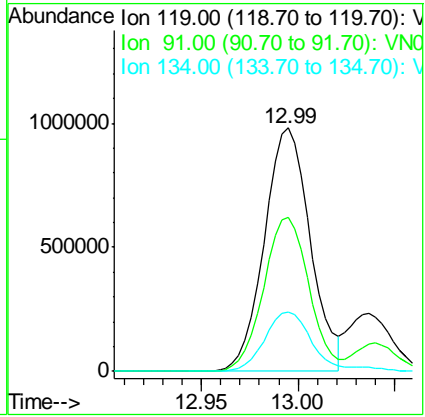
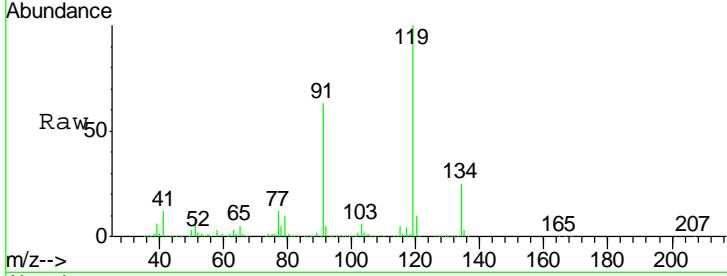
Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion:119 Resp: 1620667

Ion	Ratio	Lower	Upper
119	100		
91	63.0	31.6	95.0
134	25.7	12.9	38.6

Manual Integrations
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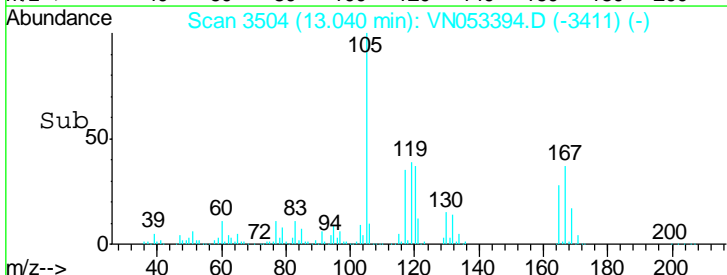
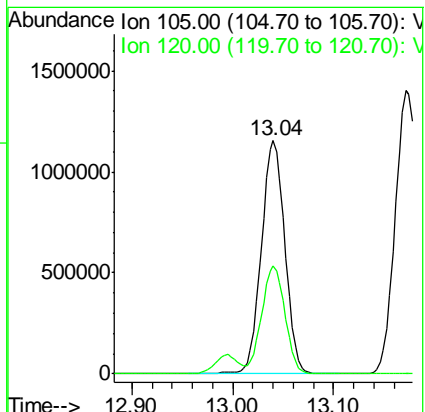
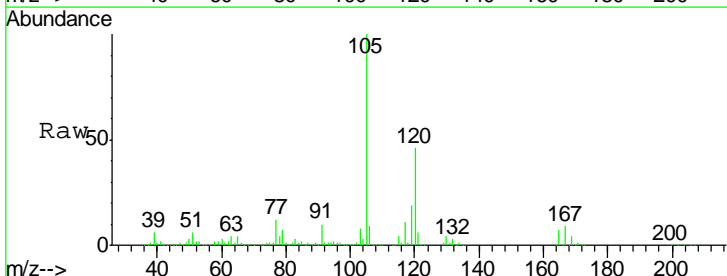
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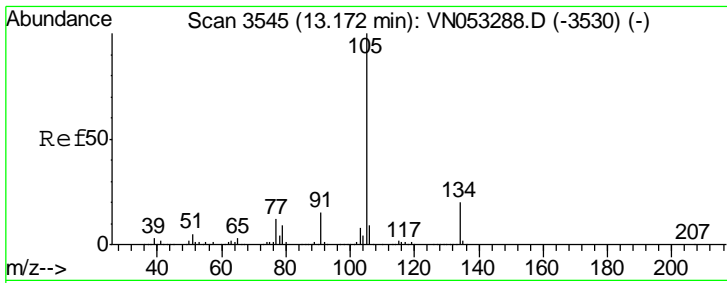


#84
 1,2,4-Trimethylbenzene
 Concen: 52.699 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion:105 Resp: 1869760

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0





#85
 sec-Butylbenzene
 Concen: 55.953 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

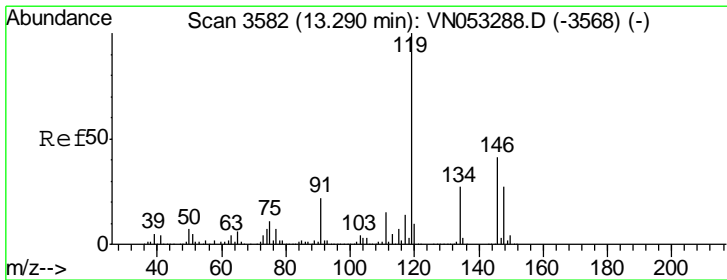
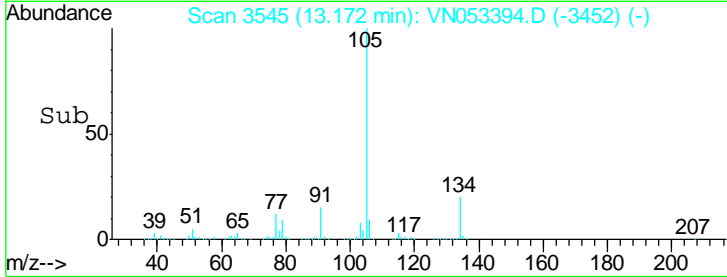
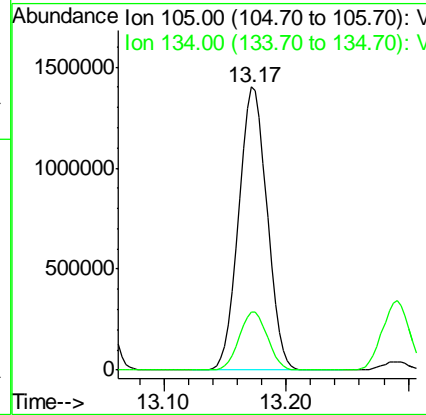
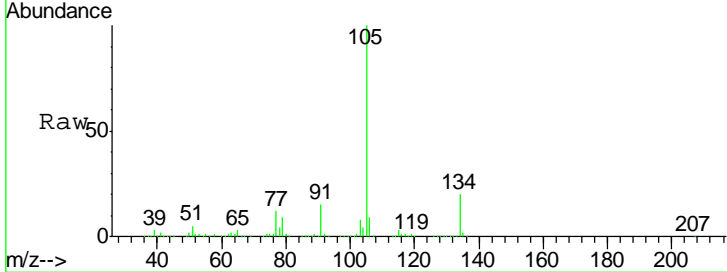
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion:105 Resp: 2254724

Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.2	30.6

Manual Integrations
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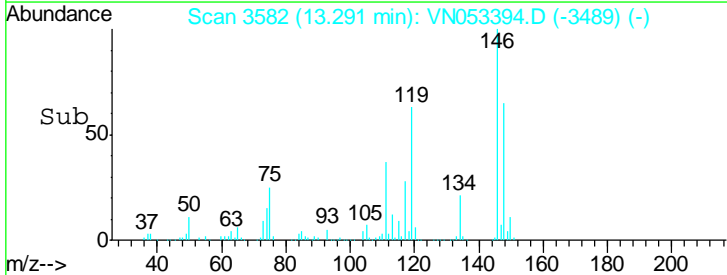
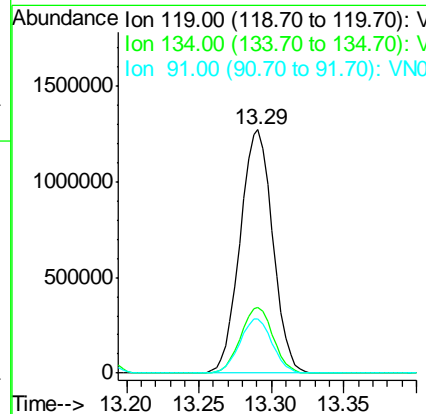
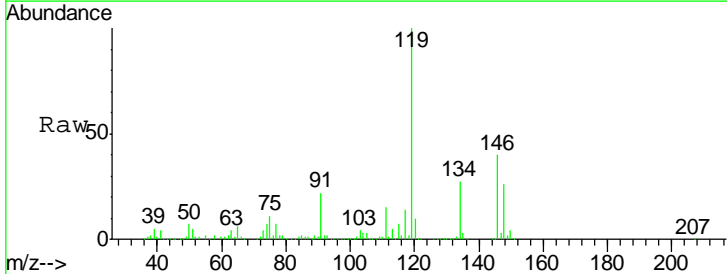
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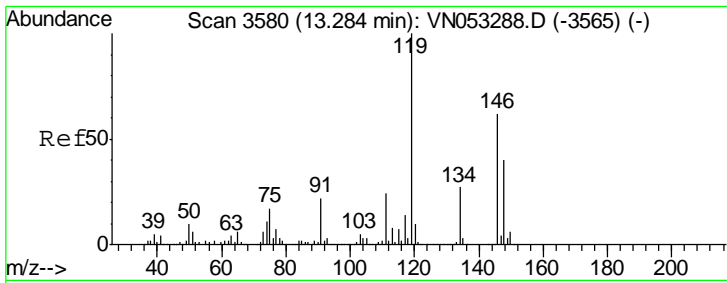


#86
 p-Isopropyltoluene
 Concen: 56.811 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion:119 Resp: 1982108

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	22.2	11.1	33.1





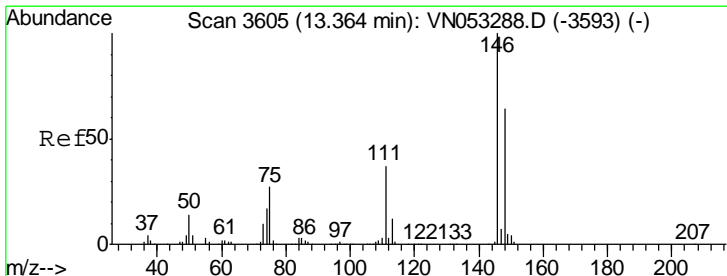
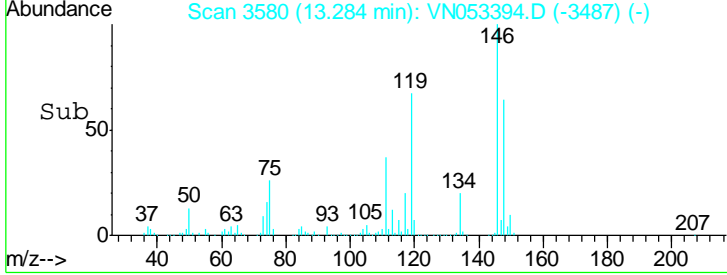
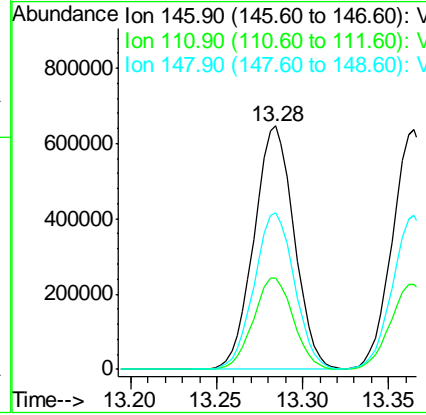
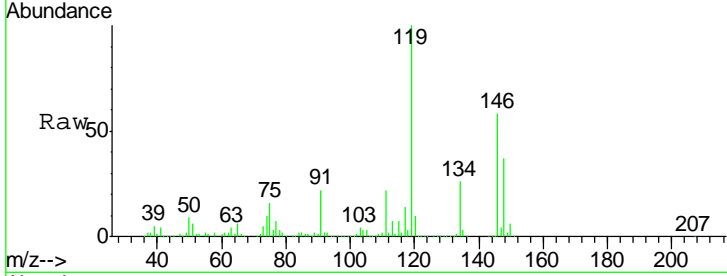
#87
 1,3-Dichlorobenzene
 Concen: 51.484 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
146	1046205		
146	100		
111	37.5	18.9	56.5
148	64.6	32.0	96.2

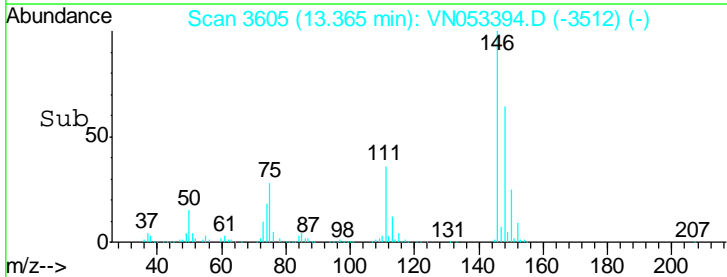
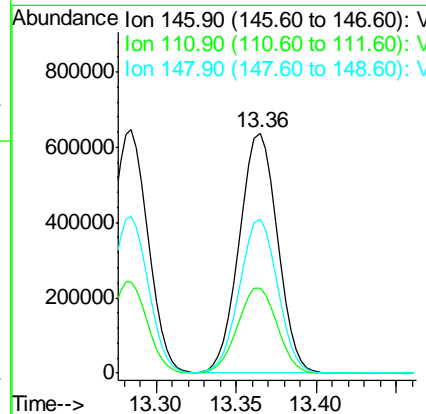
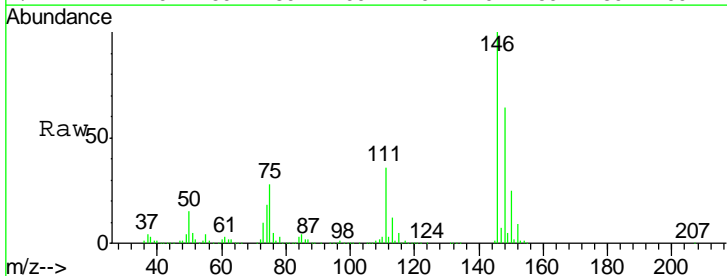
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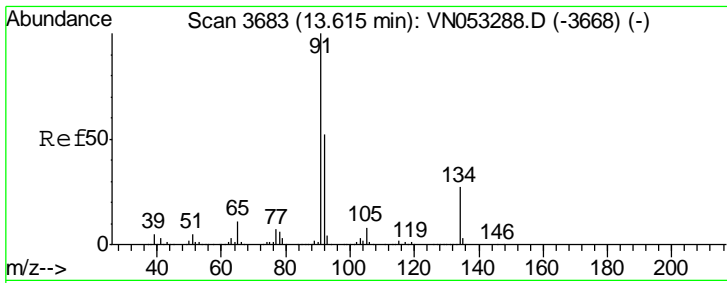
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#88
 1,4-Dichlorobenzene
 Concen: 51.348 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
146	1035075		
146	100		
111	36.7	18.6	55.8
148	64.0	32.0	96.0





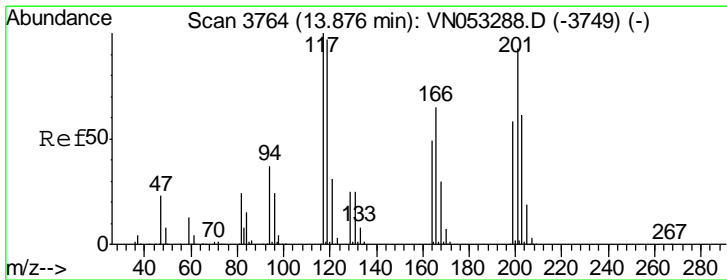
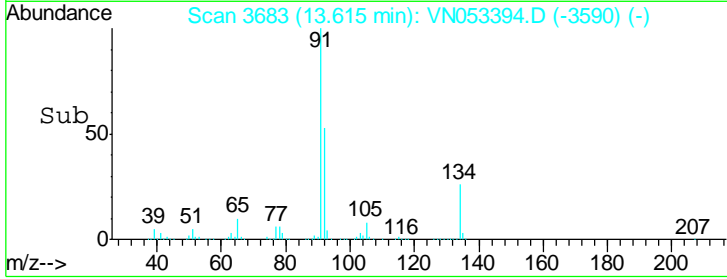
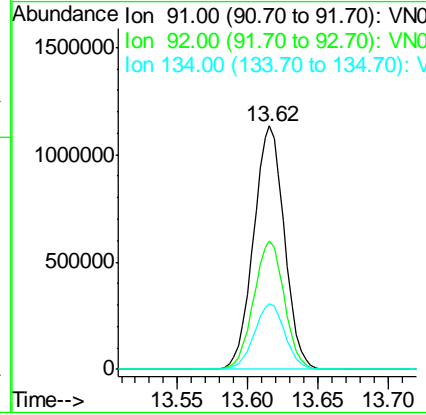
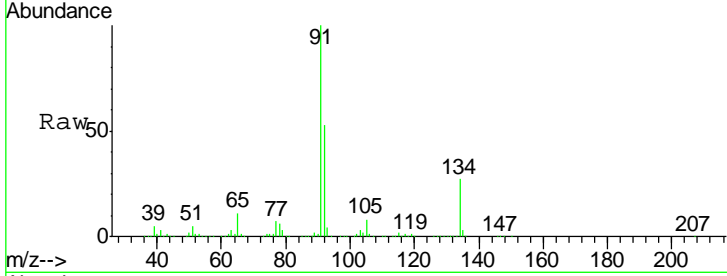
#89
 n-Butylbenzene
 Concen: 59.082 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
91	100		
92	52.6	26.3	78.8
134	26.9	13.5	40.5

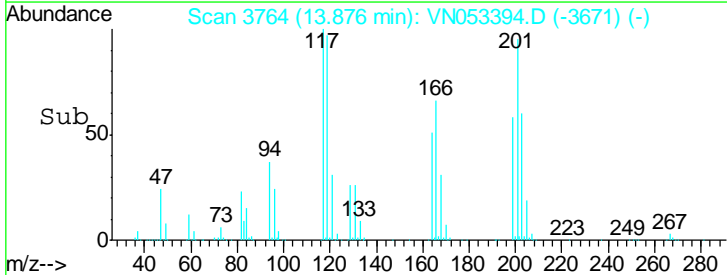
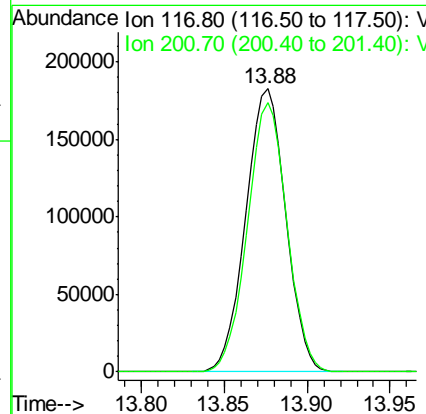
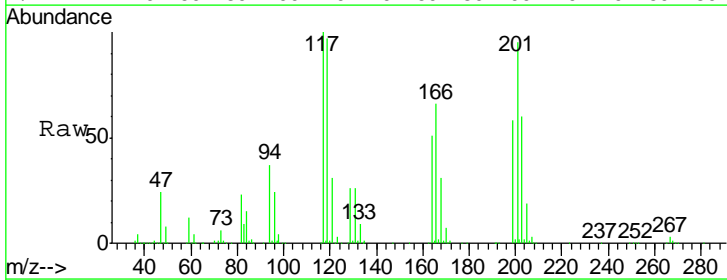
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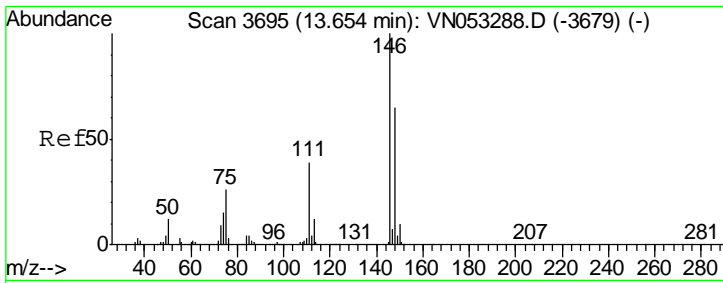
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#90
 Hexachloroethane
 Concen: 54.864 ug/l
 RT: 13.88 min Scan# 3764
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
117	100		
201	93.7	46.1	138.3





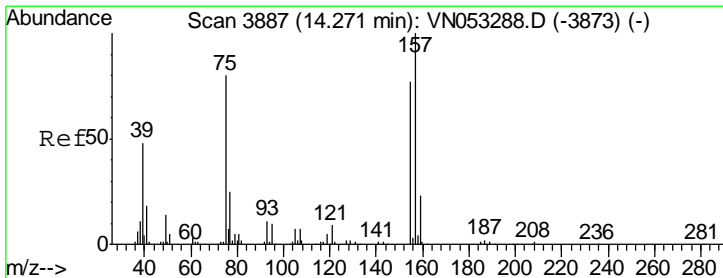
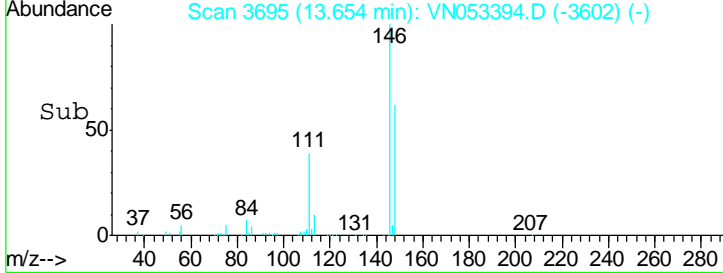
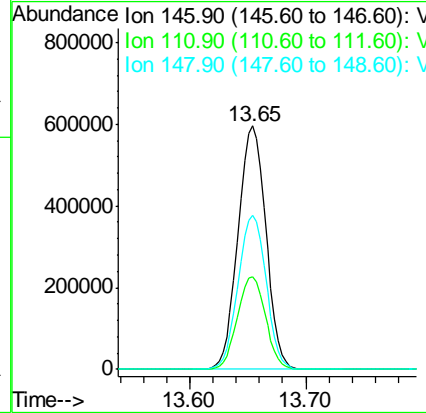
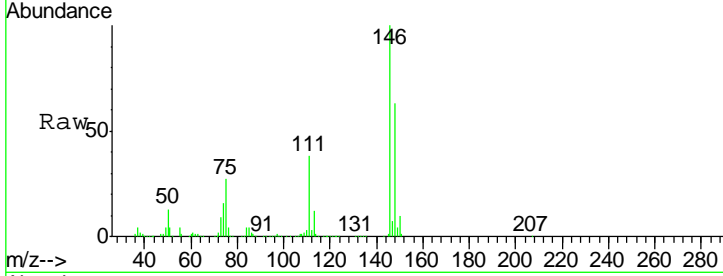
#91
 1,2-Dichlorobenzene
 Concen: 52.074 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument : MSVOA_N
 ClientSampled : VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	63.9	32.2	96.6

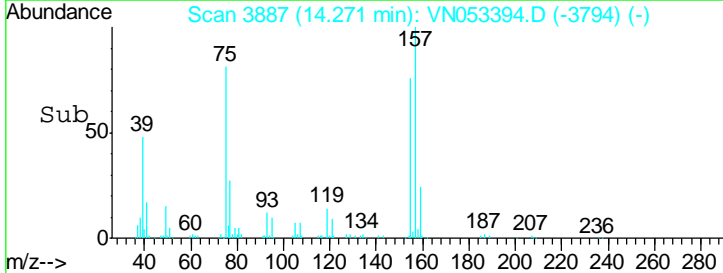
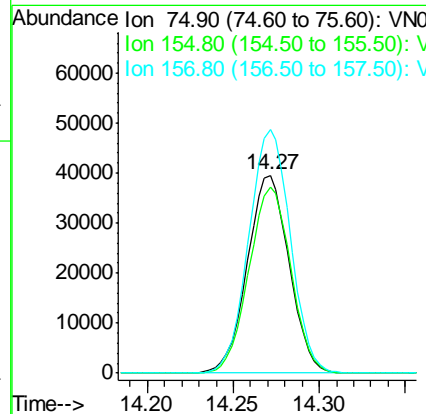
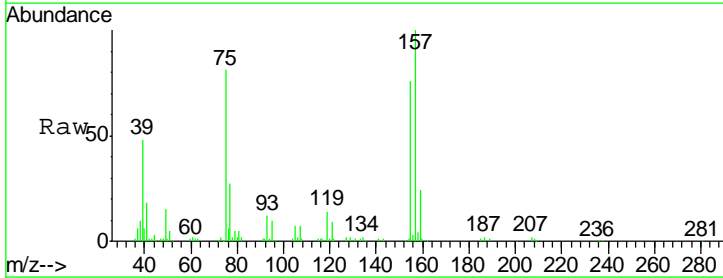
Manual Integrations
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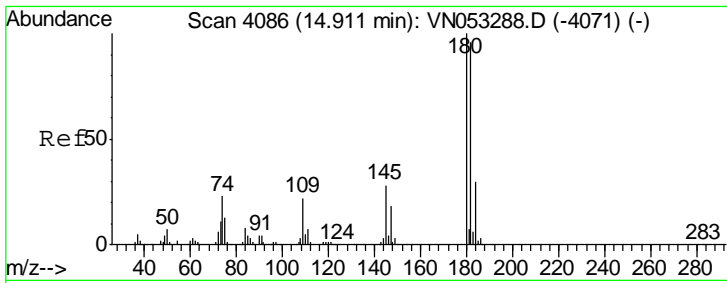
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.257 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
75	100		
155	94.3	48.1	144.3
157	122.4	61.5	184.4



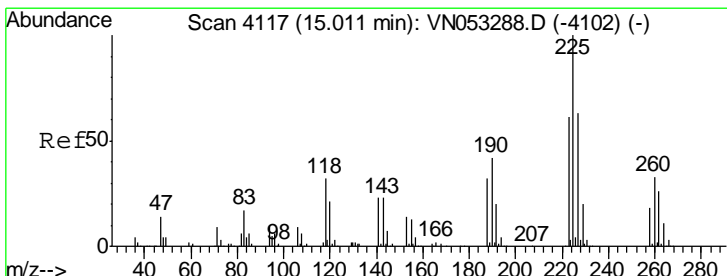
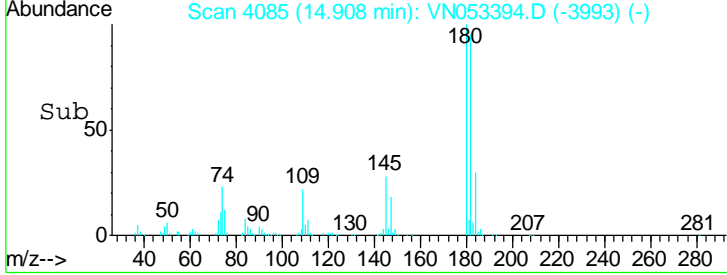
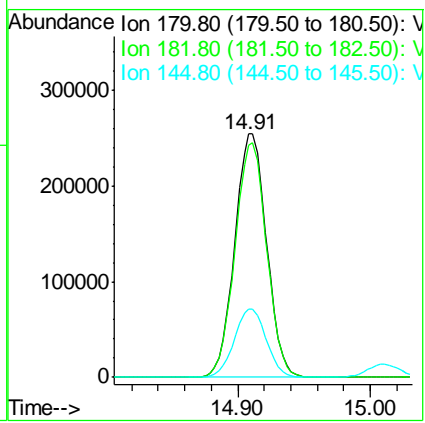
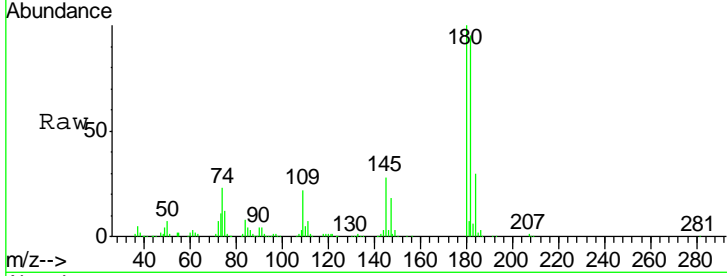


#93
 1,2,4-Trichlorobenzene
 Concen: 70.660 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050EC

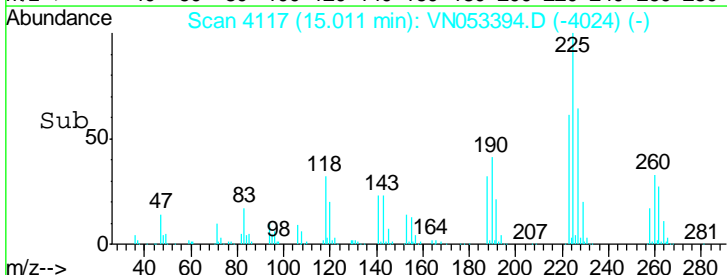
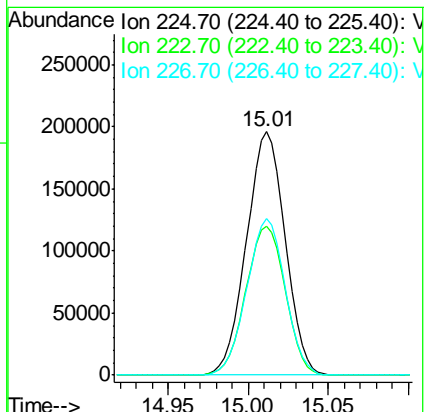
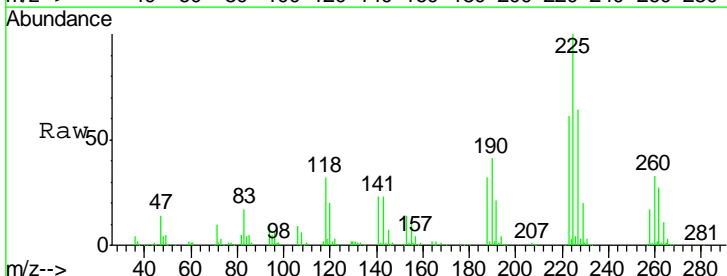
Tgt Ion	Resp	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	28.3	14.4	43.0

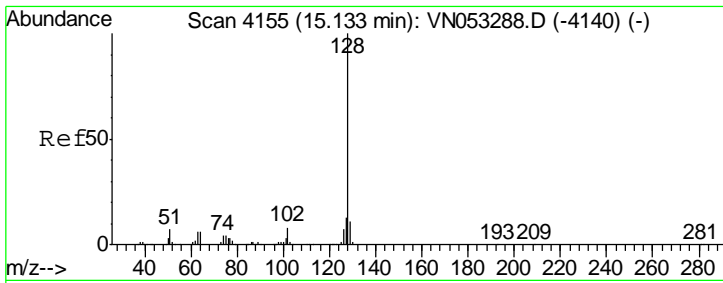
Manual Integrations
APPROVED
 MMDadoda
 1/15/2019 11:14:40 AM



#94
 Hexachlorobutadiene
 Concen: 66.568 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
225	100		
223	62.3	30.9	92.8
227	63.8	31.4	94.2





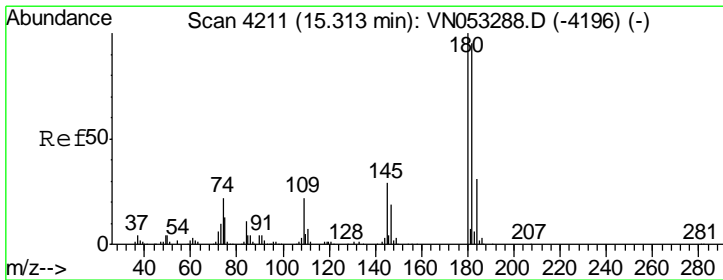
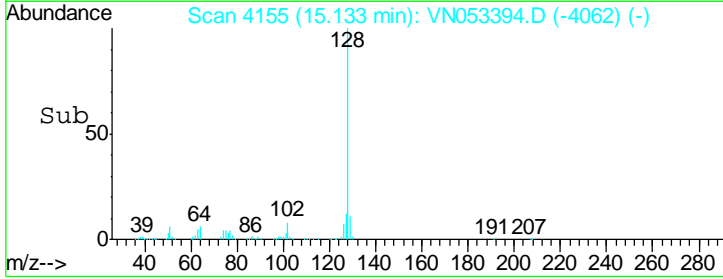
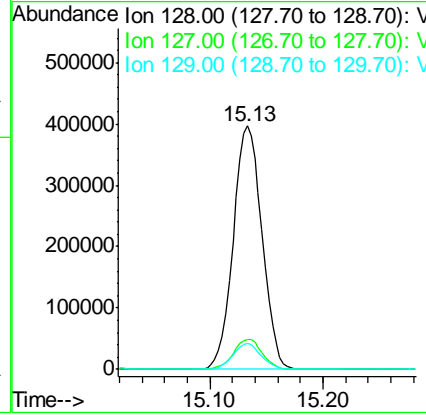
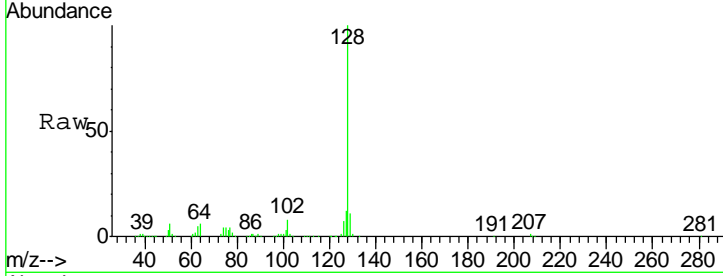
#95
 Naphthalene
 Concen: 68.497 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Instrument :
 MSVOA_N
ClientSampled :
 VSTDCCC050EC

Tgt Ion	Resp	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	10.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
 1/15/2019 11:14:40 AM



#96
 1,2,3-Trichlorobenzene
 Concen: 74.987 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053394.D
 Acq: 14 Jan 2019 16:33

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.1	48.4	145.0
145	30.7	14.9	44.5

