

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054057.D
 Acq On : 4 Mar 2019 9:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 04 23:30:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 01 11:11:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	120811	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	650206	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	572692	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	259710	30.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.03%
60) 4-Bromofluorobenzene	12.40	95	261178	29.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.33%
63) Toluene-d8	10.09	98	831472	30.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	142432	20.852	ug/l 97
3) Chloromethane	2.06	50	180224	19.835	ug/l 98
4) Vinyl Chloride	2.18	62	183067	20.120	ug/l 98
5) Bromomethane	2.57	94	112737	20.142	ug/l 98
6) Chloroethane	2.71	64	112775	21.052	ug/l 99
7) Trichlorofluoromethane	3.02	101	235890	21.338	ug/l 100
8) Diethyl Ether	3.41	74	80373	19.332	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	150035	21.110	ug/l 99
10) 1,1-Dichloroethene	3.74	96	135149	20.295	ug/l 99
11) Methyl Iodide	3.95	142	173329	17.548	ug/l 95
12) Methyl Acetate	4.32	43	108479	19.321	ug/l 99
13) Acrolein	3.61	56	51710	98.953	ug/l 97
14) Acrylonitrile	4.98	53	260738	96.637	ug/l 97
15) Acetone	3.81	58	87750	112.854	ug/l 92
16) Carbon Disulfide	4.05	76	440720	20.398	ug/l 100
17) Allyl chloride	4.32	41	238266	20.232	ug/l 94
18) Methylene Chloride	4.55	84	164120	21.343	ug/l 99
19) trans-1,2-Dichloroethene	5.04	96	149582	20.705	ug/l 94
20) Diisopropyl ether	5.95	45	478529	20.312	ug/l 95
21) 1,1-Dichloroethane	5.85	63	287107	20.635	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	168104	20.902	ug/l 98
23) tert-Butyl Alcohol	4.77	59	44842	92.790	ug/l # 100
24) Methyl tert-Butyl Ether	5.04	73	358493	19.886	ug/l 99
25) Chloroform	7.37	83	287509	21.417	ug/l 99
26) Cyclohexane	7.65	56	256422	20.251	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	215402	21.150	ug/l 99
30) 2-Butanone	6.83	43	327957	101.986	ug/l 98
31) 2,2-Dichloropropane	6.82	77	216858	21.594	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	238041	21.730	ug/l 99
33) Carbon Tetrachloride	7.77	117	207404	21.383	ug/l 99
34) Benzene	8.04	78	647939	21.406	ug/l 99
35) Methacrylonitrile	7.17	41	75527	21.005	ug/l 95
36) 1,2-Dichloroethane	8.12	62	211131	21.722	ug/l 99
37) Trichloroethene	8.83	130	173719	21.986	ug/l 96
38) Methylcyclohexane	9.08	83	248350	20.660	ug/l 99
39) 1,2-Dichloropropane	9.12	63	173263	20.895	ug/l 100
40) Dibromomethane	9.21	93	101352	21.321	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.40	83	217422	21.557	ug/l	99
42) Vinyl Acetate	5.89	43	1631295	98.194	ug/l	100
43) Ethyl Acetate	6.92	43	134697	19.998	ug/l #	70
44) Isopropyl Acetate	8.16	43	221209	18.716	ug/l	99
45) 1,4-Dioxane	9.20	88	30665	441.249	ug/l	95
46) Methyl methacrylate	9.20	41	108876	19.178	ug/l	96
47) n-amyl Acetate	12.07	43	164266	18.920	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	201212	19.896	ug/l	96
49) cis-1,3-Dichloropropene	9.84	75	242238	20.399	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	141791	21.264	ug/l	99
51) Ethyl methacrylate	10.43	69	151642	18.891	ug/l	96
52) 1,3-Dichloropropane	10.71	76	241993	21.146	ug/l	98
53) Dibromochloromethane	10.90	129	154742	21.119	ug/l	97
54) 1,2-Dibromoethane	11.00	107	131028	20.628	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	354319	95.117	ug/l	99
56) Bromoform	12.13	173	98989	20.347	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	645869	100.086	ug/l	97
59) 2-Hexanone	10.75	43	418161	99.180	ug/l	96
61) Tetrachloroethene	10.63	164	170872	21.462	ug/l	97
62) Toluene	10.16	91	684465	21.385	ug/l	100
64) Chlorobenzene	11.43	112	403964	20.727	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	150800	21.073	ug/l	99
66) Ethyl Benzene	11.51	91	700560	20.940	ug/l	100
67) m/p-Xylenes	11.62	106	539051	42.796	ug/l	100
68) o-Xylene	11.95	106	255098	20.892	ug/l	100
69) Styrene	11.96	104	406913	21.046	ug/l	99
70) Isopropylbenzene	12.25	105	685570	21.393	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	159870	20.211	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	130527m	21.733	ug/l	
73) Bromobenzene	12.53	156	165672	20.505	ug/l	99
74) n-propylbenzene	12.59	91	805496	21.108	ug/l	100
75) 2-Chlorotoluene	12.67	91	474567	21.237	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	574416	21.160	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	39273	18.376	ug/l	93
78) 4-Chlorotoluene	12.77	91	465740	20.828	ug/l	99
79) tert-butylbenzene	12.99	119	489809	20.591	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	574589	21.267	ug/l	100
81) sec-Butylbenzene	13.17	105	687227	21.065	ug/l	98
82) p-Isopropyltoluene	13.29	119	581752	20.884	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	292452	20.521	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	281153	20.663	ug/l	98
85) n-Butylbenzene	13.62	91	479398	19.746	ug/l	99
86) Hexachloroethane	13.87	117	105455	20.248	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	285980	20.691	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	22766	19.893	ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	126411	18.003	ug/l	98
90) Hexachlorobutadiene	15.01	225	95022	18.626	ug/l	98
91) Naphthalene	15.13	128	227587	18.854	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	121869	17.576	ug/l	98

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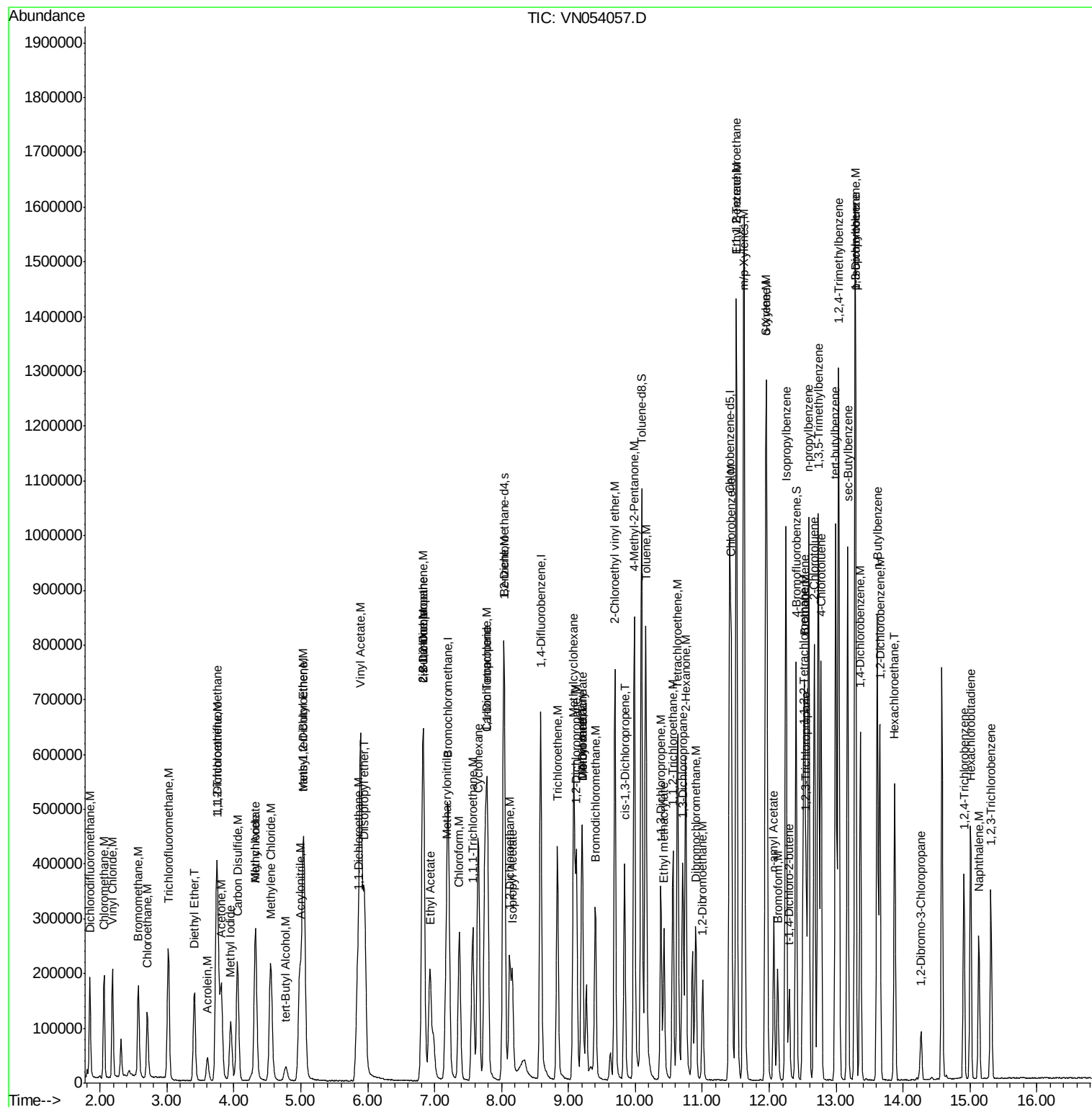
Quant Time: Mar 04 23:30:48 2019
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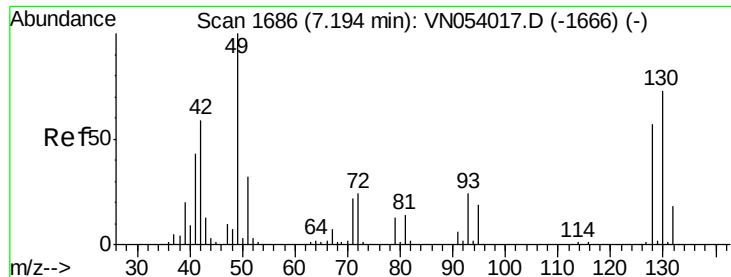
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 01 11:11:48 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

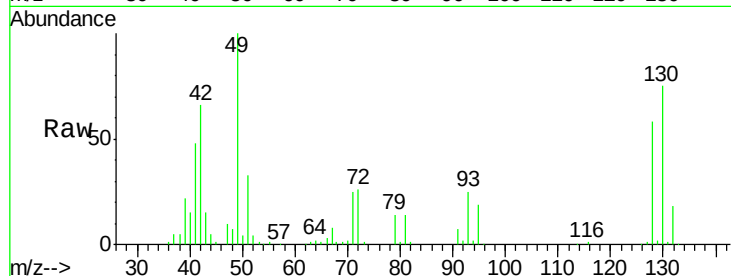
Tot Ion:128 Resp: 120811

Ion Ratio Lower Upper

128 100

49 174.8 0.0 431.8

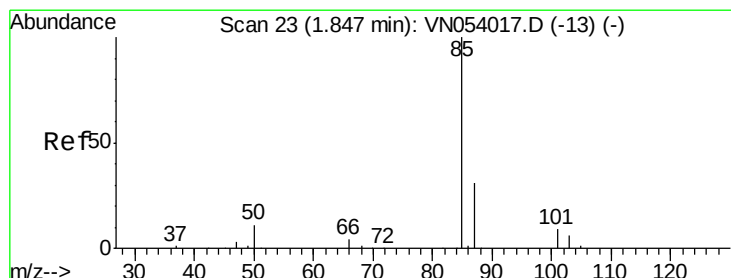
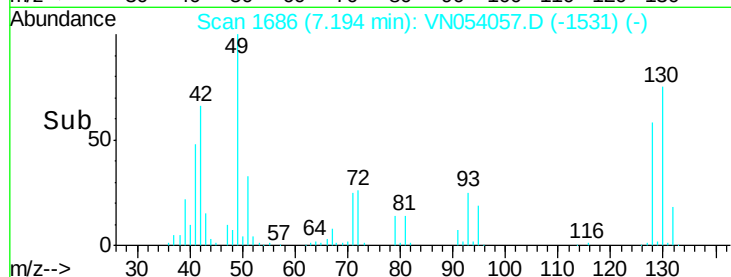
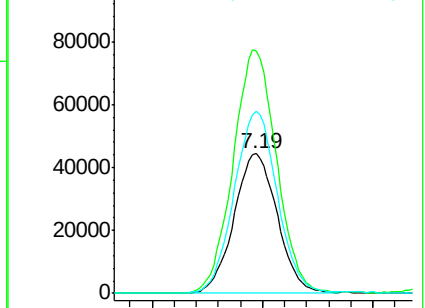
130 130.4 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.852 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN054057.D

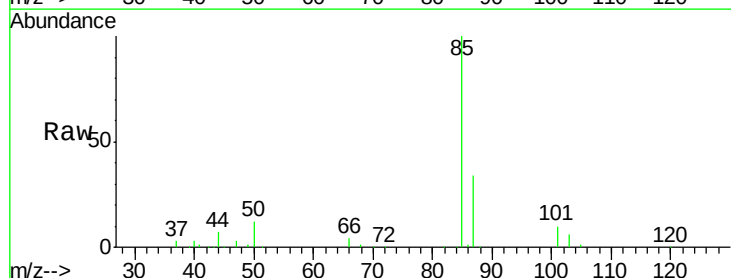
Acq: 4 Mar 2019 9:41

Tgt Ion: 85 Resp: 142432

Ion Ratio Lower Upper

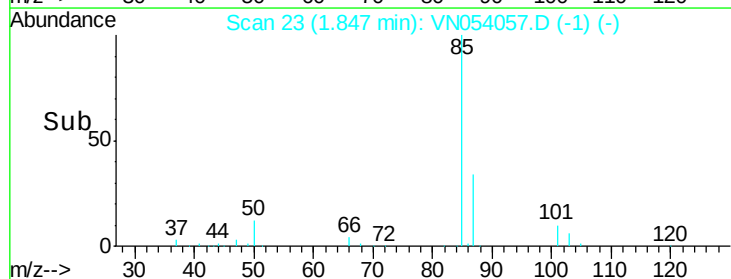
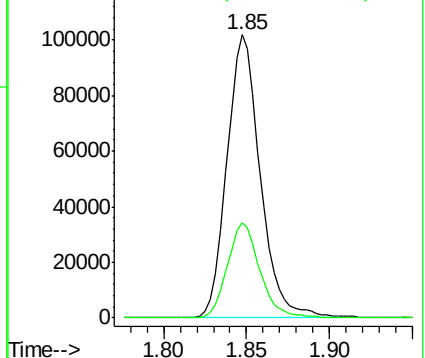
85 100

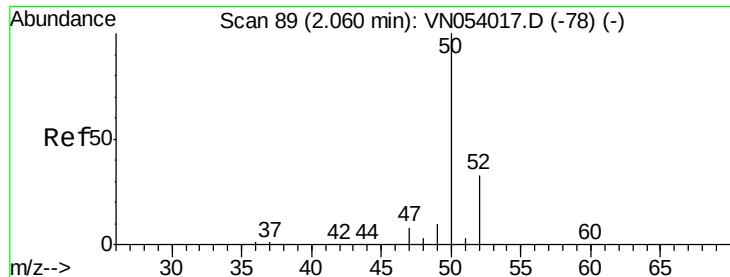
87 33.7 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.835 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN054057.D

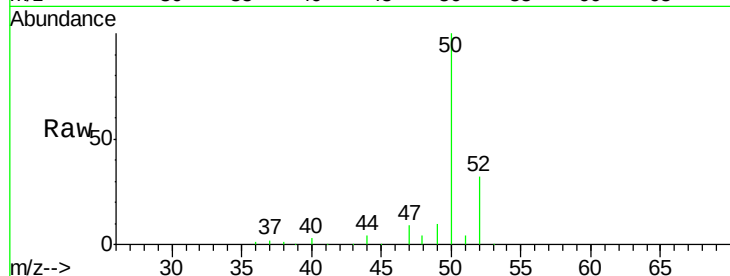
Acq: 4 Mar 2019 9:41

Tot Ion: 50 Resp: 180224

Ion Ratio Lower Upper

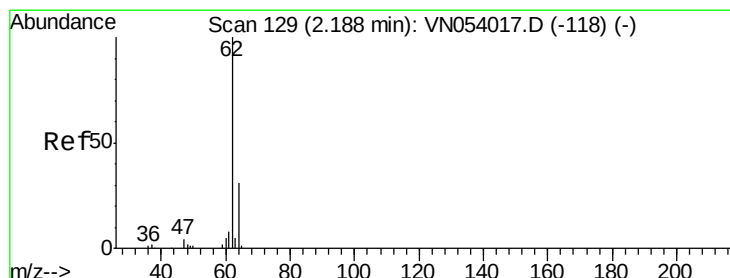
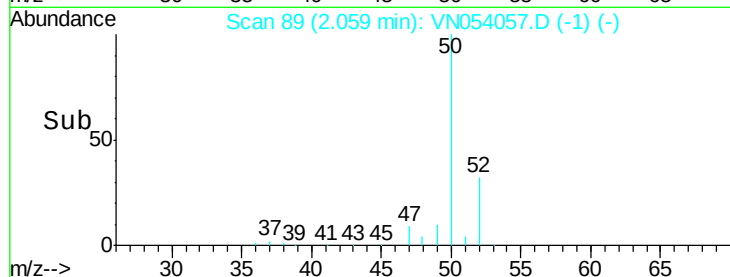
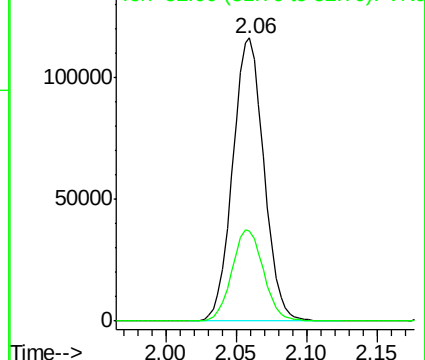
50 100

52 31.8 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.120 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN054057.D

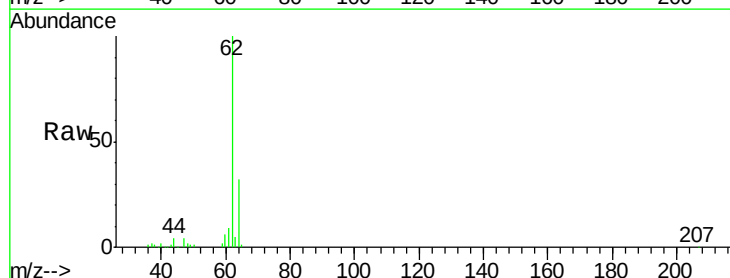
Acq: 4 Mar 2019 9:41

Tgt Ion: 62 Resp: 183067

Ion Ratio Lower Upper

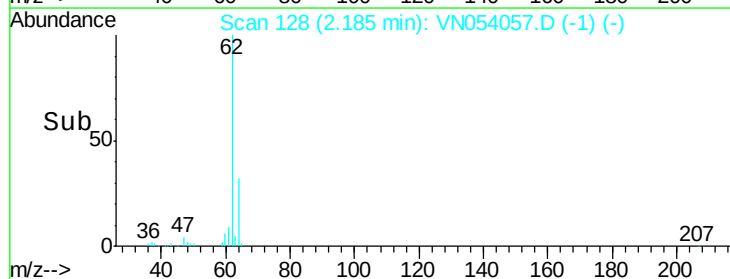
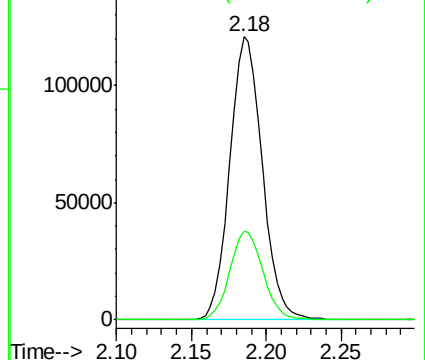
62 100

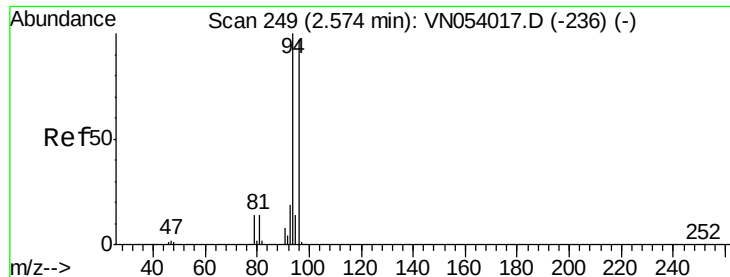
64 31.5 24.2 36.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.142 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN054057.D

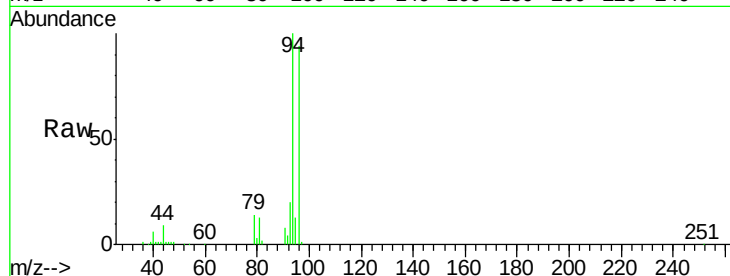
Acq: 4 Mar 2019 9:41

Tot Ion: 94 Resp: 112737

Ion Ratio Lower Upper

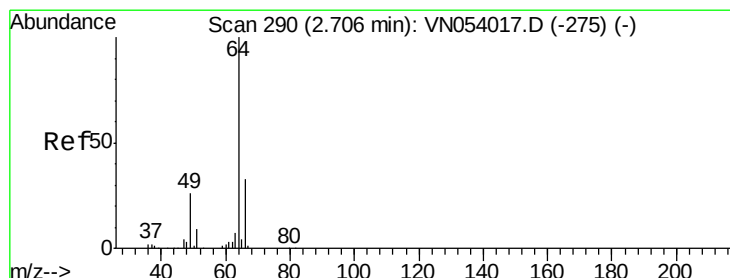
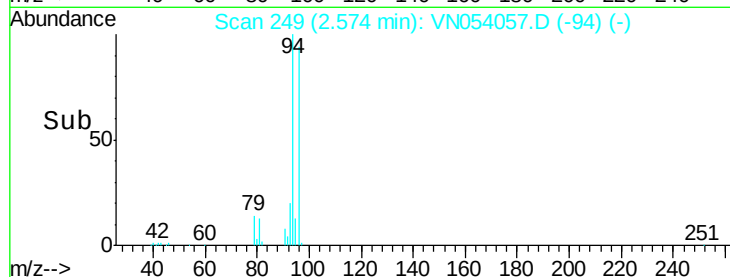
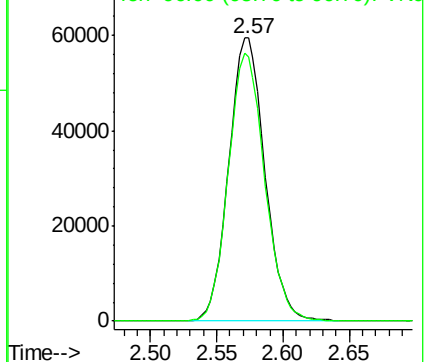
94 100

96 93.5 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.052 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN054057.D

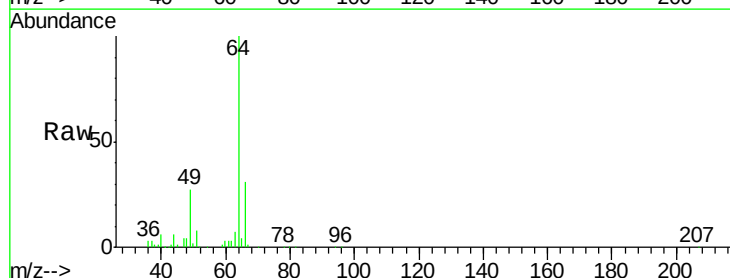
Acq: 4 Mar 2019 9:41

Tgt Ion: 64 Resp: 112775

Ion Ratio Lower Upper

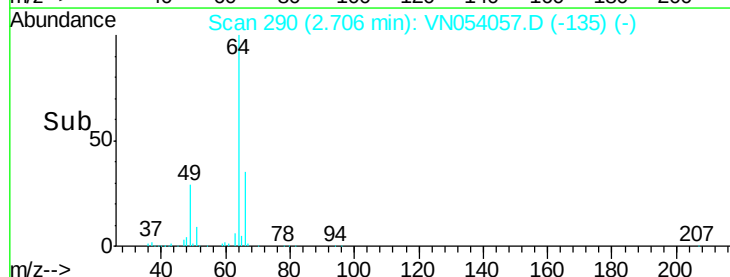
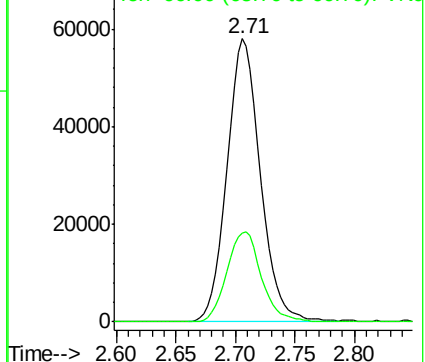
64 100

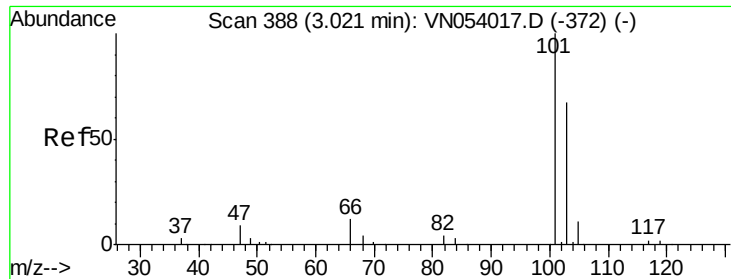
66 31.3 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

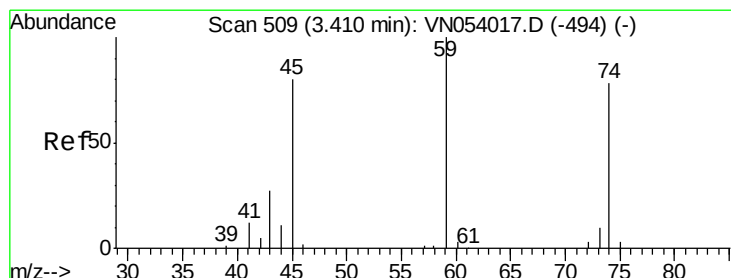
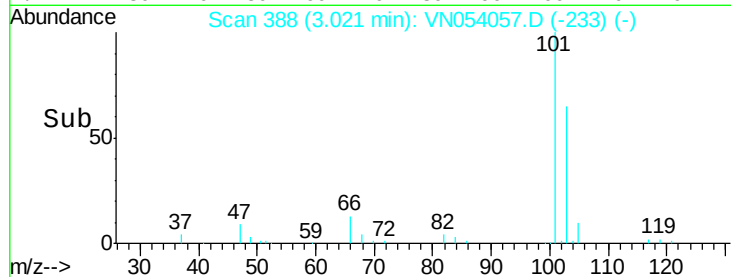
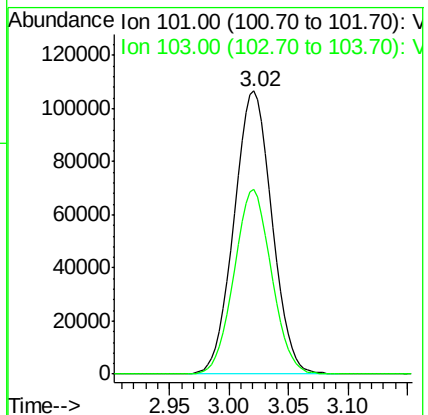
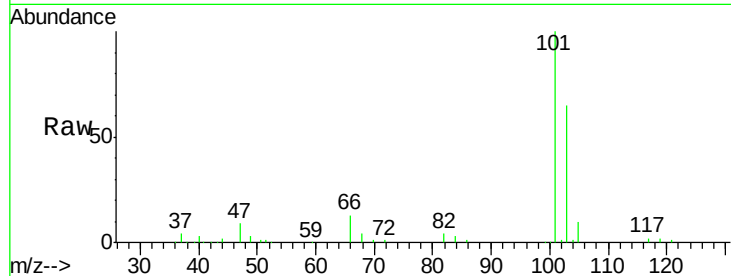




#7

Trichlorofluoromethane
 Concen: 21.338 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

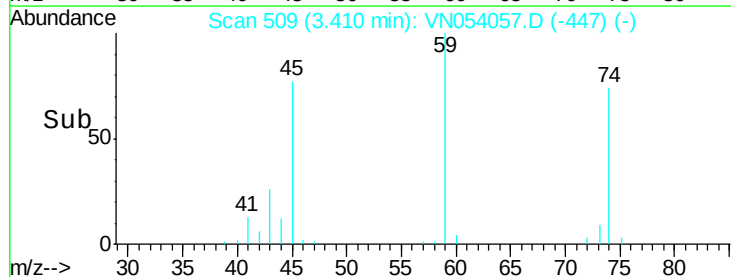
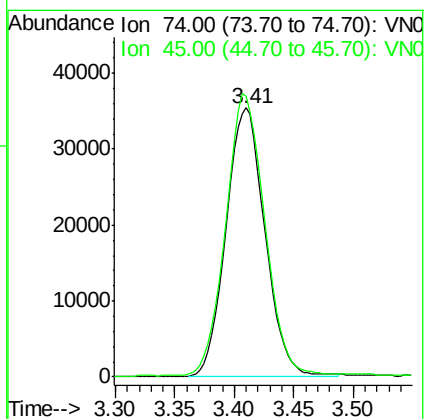
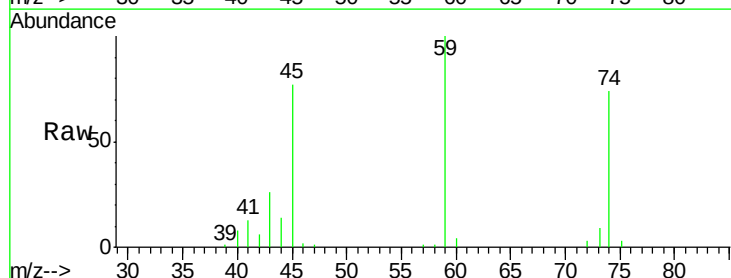
Tot Ion:101 Resp: 235890
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.1 78.1

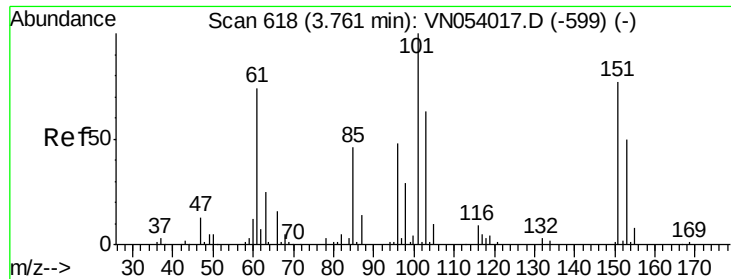


#8

Diethyl Ether
 Concen: 19.332 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tgt Ion: 74 Resp: 80373
 Ion Ratio Lower Upper
 74 100
 45 104.7 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.110 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

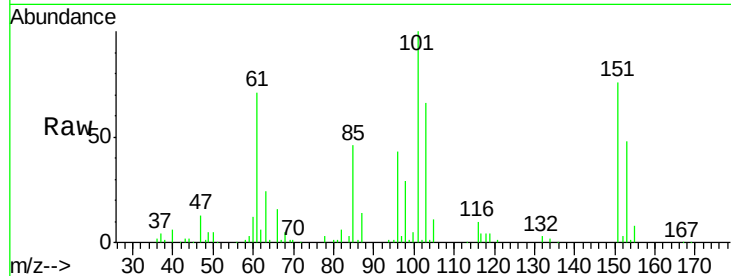
Tot Ion:101 Resp: 150035

Ion Ratio Lower Upper

101 100

85 42.9 0.0 82.6

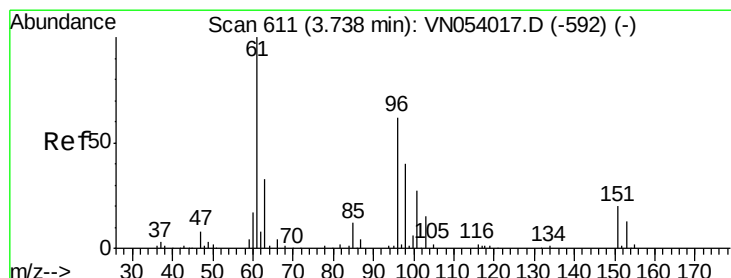
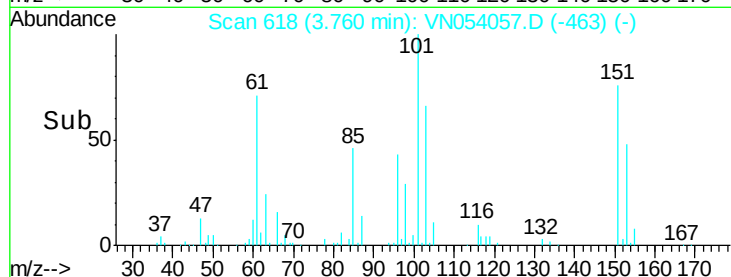
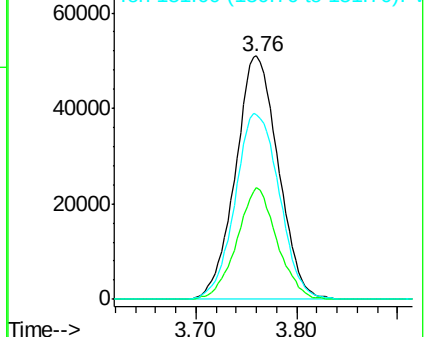
151 79.1 0.0 158.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.295 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

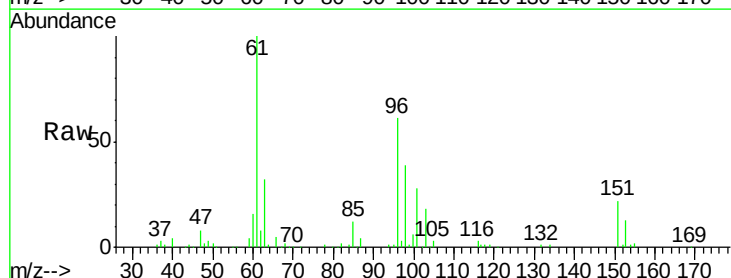
Tgt Ion: 96 Resp: 135149

Ion Ratio Lower Upper

96 100

61 162.6 129.4 194.2

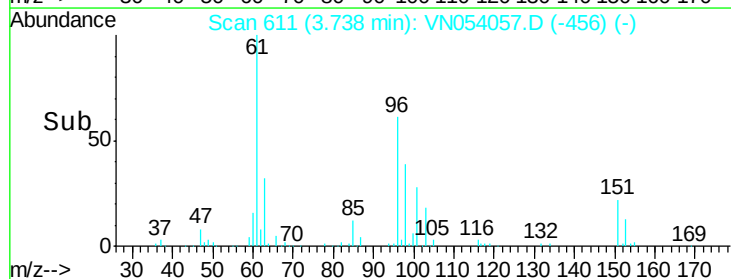
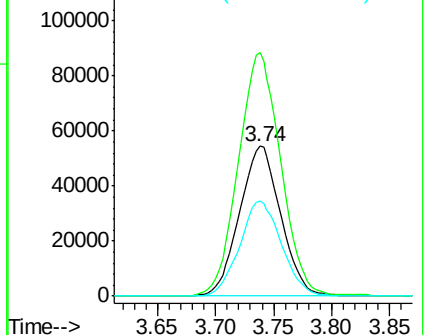
98 63.9 50.4 75.6

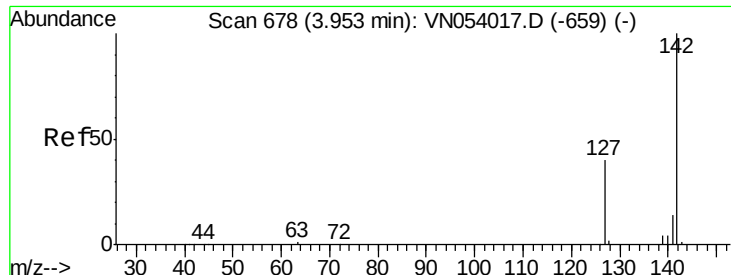


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

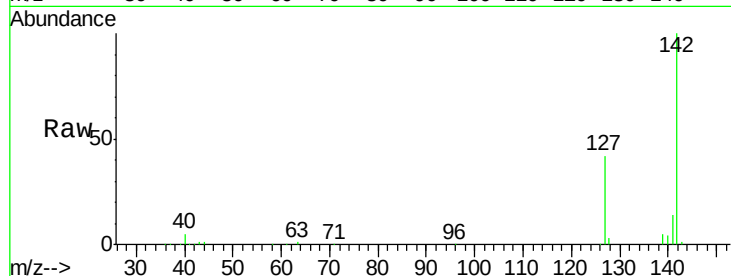
Ion 98.00 (97.70 to 98.70): VN0



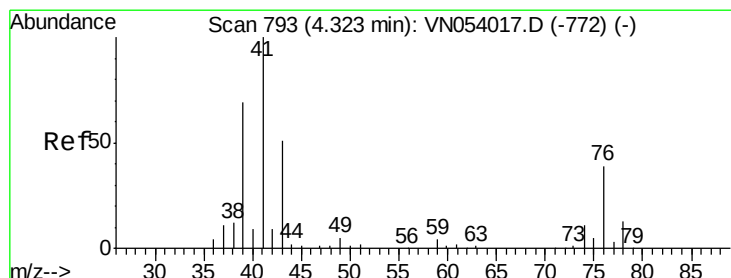
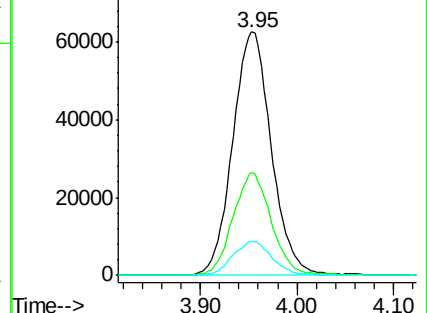
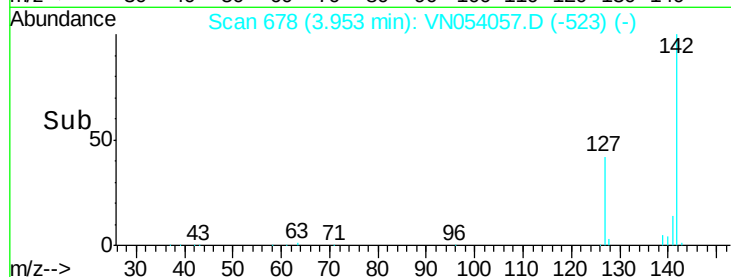


#11
Methyl Iodide
Concen: 17.548 ug/l
RT: 3.95 min Scan# 678
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tot Ion:142 Resp: 173329
Ion Ratio Lower Upper
142 100
127 42.3 19.4 58.1
141 14.1 7.2 21.6

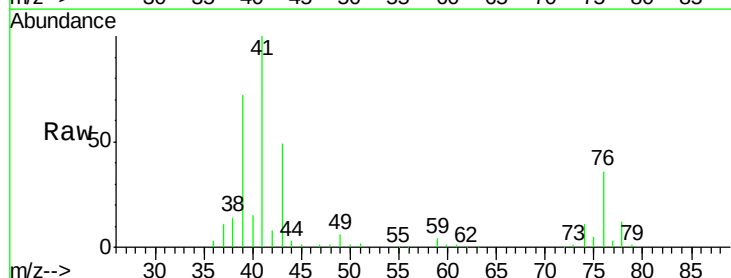


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

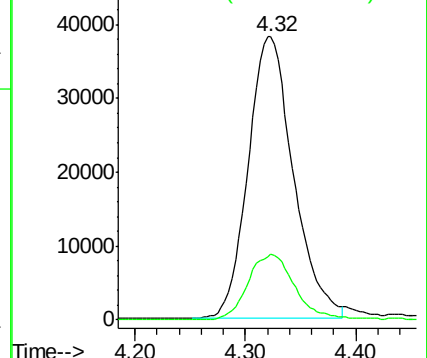
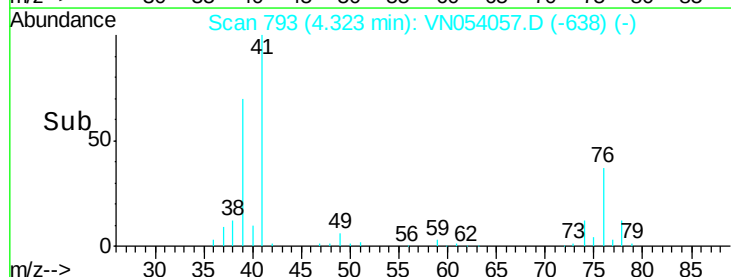


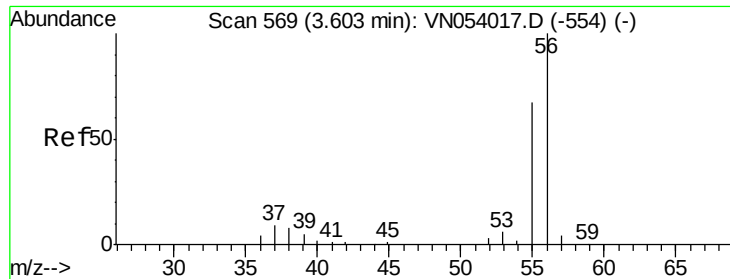
#12
Methyl Acetate
Concen: 19.321 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 43 Resp: 108479
Ion Ratio Lower Upper
43 100
74 23.2 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 98.953 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054057.D

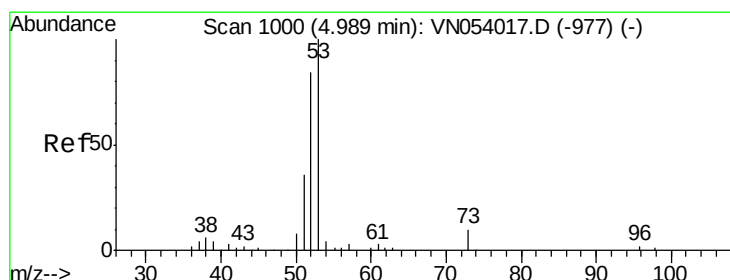
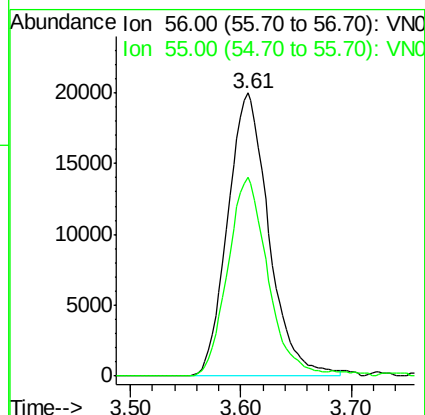
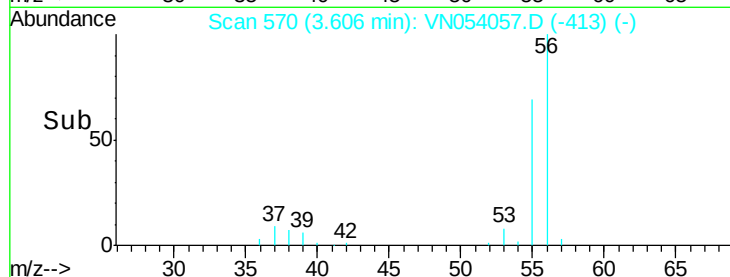
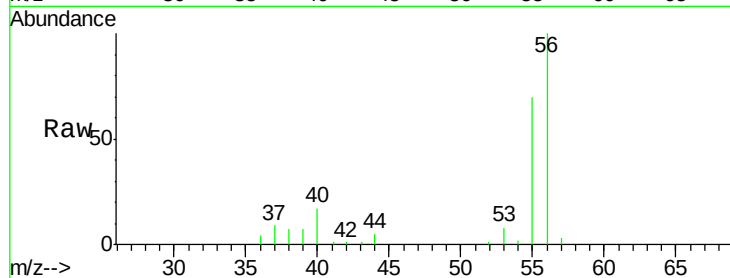
Acq: 4 Mar 2019 9:41

Tot Ion: 56 Resp: 51710

Ion Ratio Lower Upper

56 100

55 68.1 56.7 85.1



#14

Acrylonitrile

Concen: 96.637 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

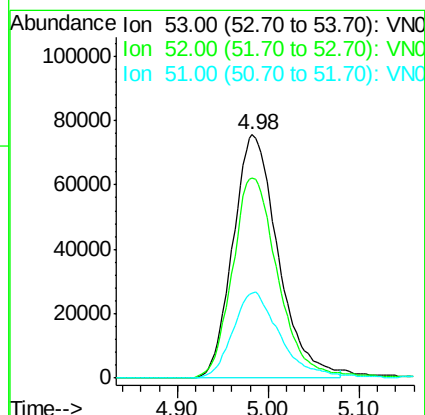
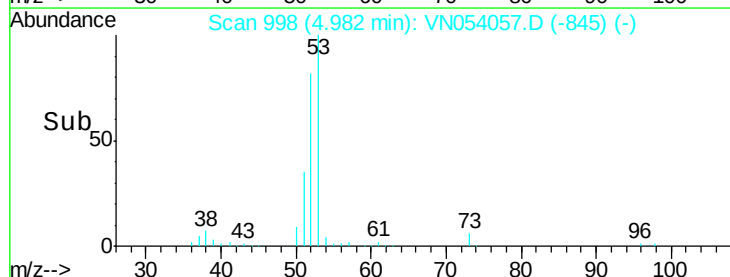
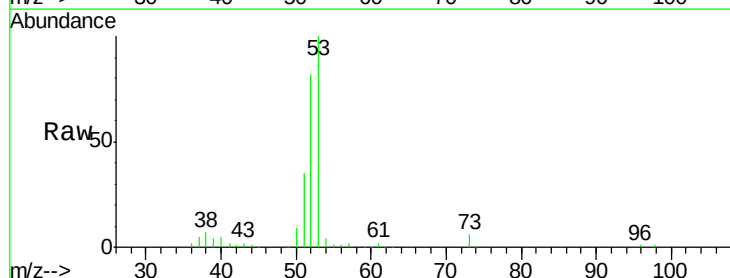
Tgt Ion: 53 Resp: 260738

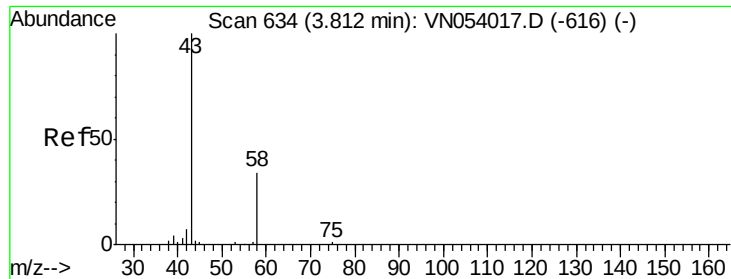
Ion Ratio Lower Upper

53 100

52 82.9 39.9 119.7

51 36.6 17.6 52.9





#15

Acetone

Concen: 112.854 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN054057.D

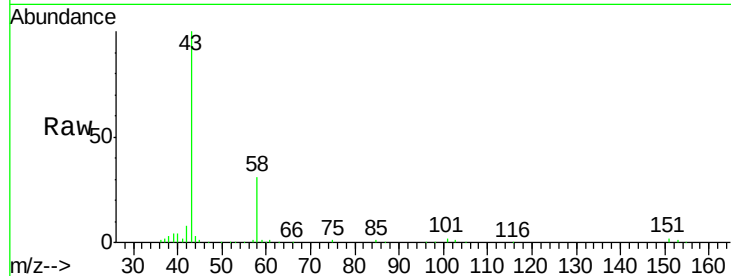
Acq: 4 Mar 2019 9:41

Tot Ion: 58 Resp: 87750

Ion Ratio Lower Upper

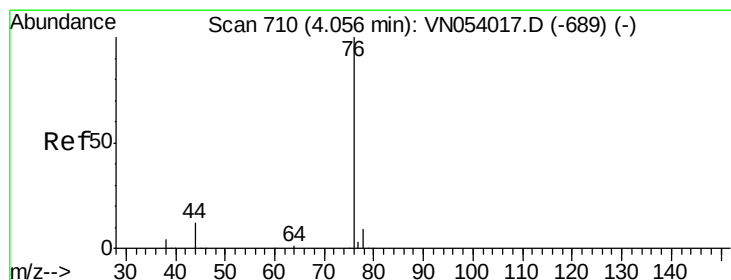
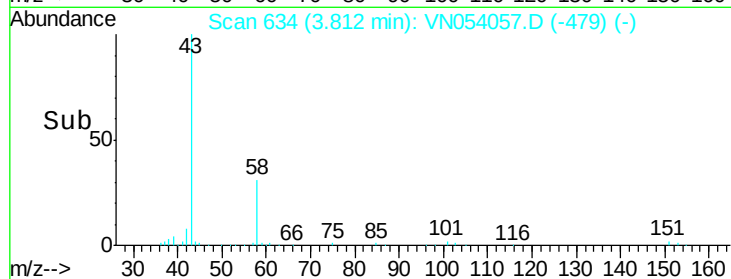
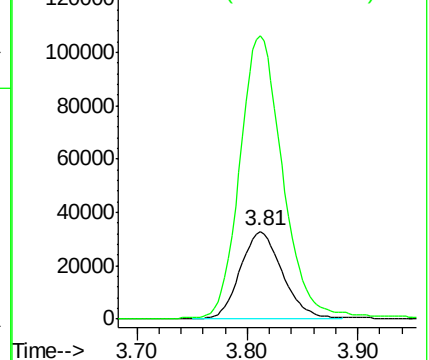
58 100

43 321.2 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 20.398 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN054057.D

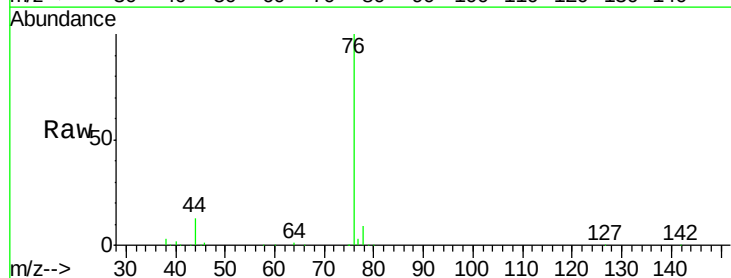
Acq: 4 Mar 2019 9:41

Tgt Ion: 76 Resp: 440720

Ion Ratio Lower Upper

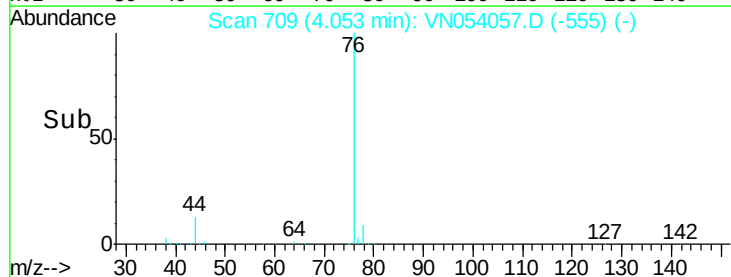
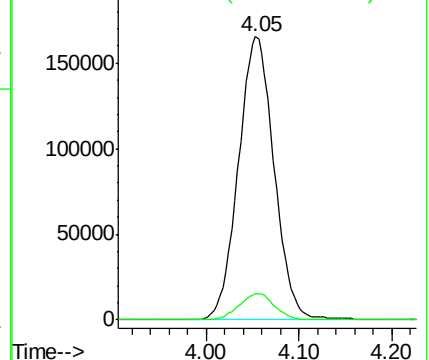
76 100

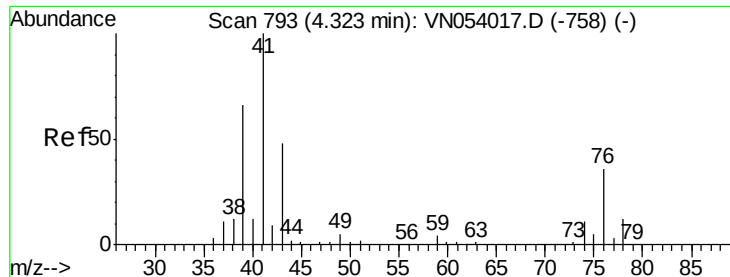
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

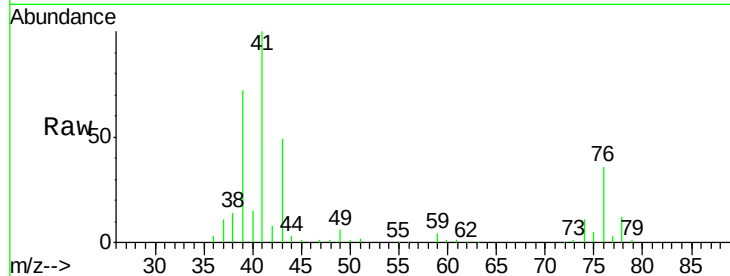
Ion 78.00 (77.70 to 78.70): VN0



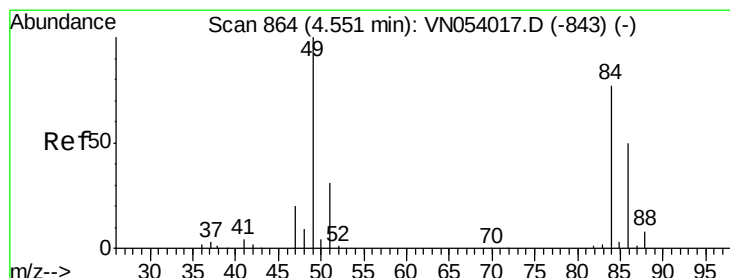
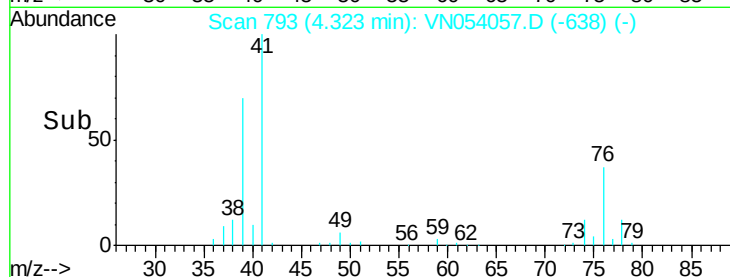
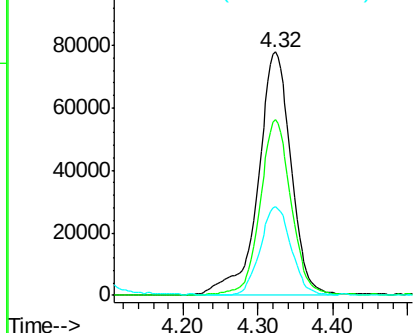


#17
Allvl chloride
Concen: 20.232 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tot Ion: 41 Resp: 238266
Ion Ratio Lower Upper
41 100
39 72.1 32.8 98.3
76 35.9 18.6 55.8

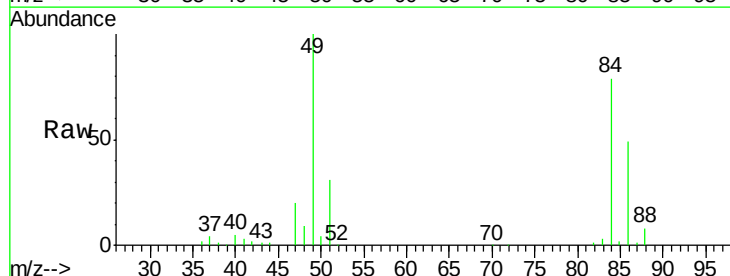


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 76.00 (75.70 to 76.70): VNC

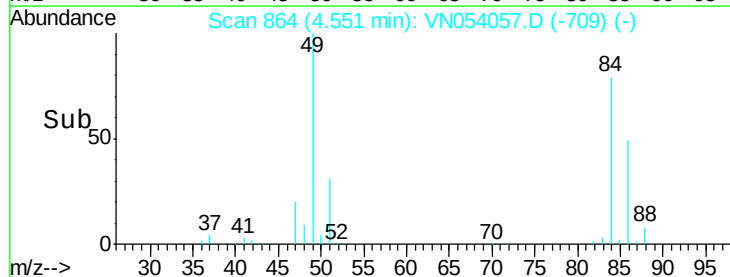
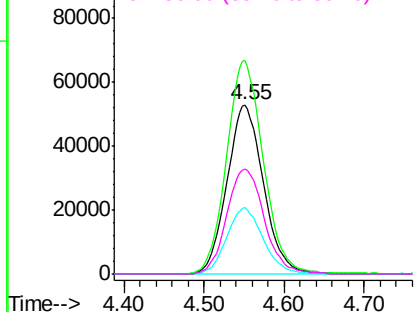


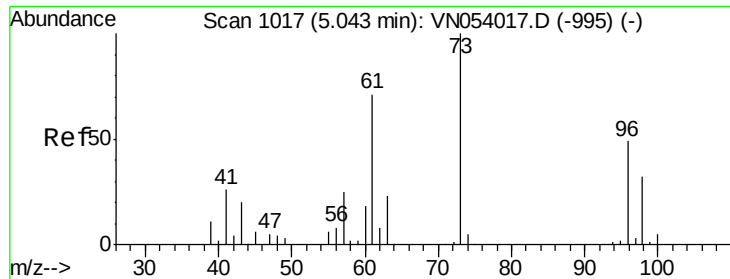
#18
Methylene Chloride
Concen: 21.343 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 84 Resp: 164120
Ion Ratio Lower Upper
84 100
49 126.2 101.4 152.0
51 39.0 31.7 47.5
86 61.7 50.1 75.1



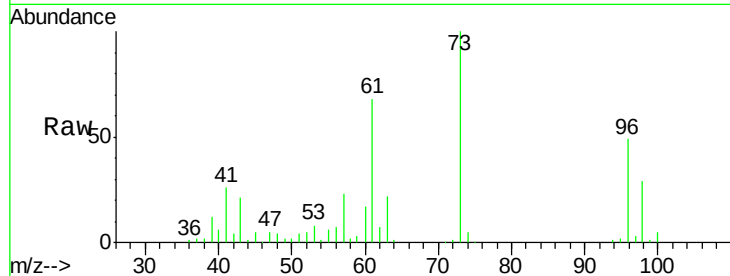
Abundance Ion 84.00 (83.70 to 84.70): VNC
Ion 49.00 (48.70 to 49.70): VNC
Ion 51.00 (50.70 to 51.70): VNC
Ion 86.00 (85.70 to 86.70): VNC



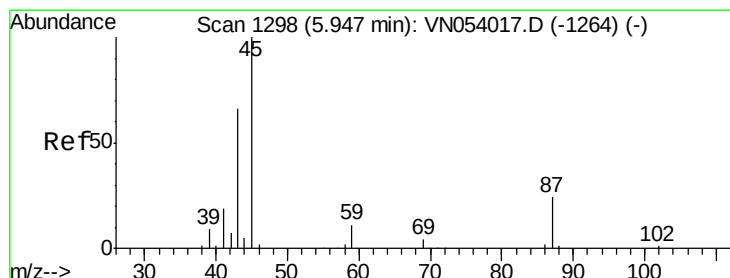
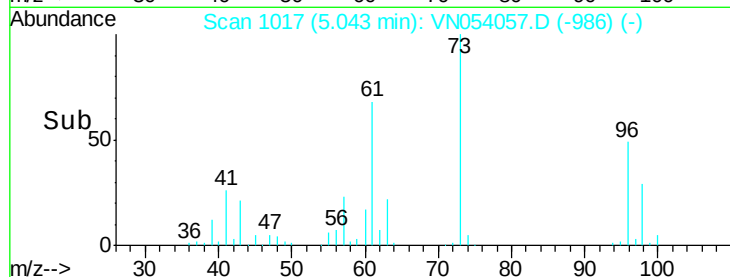
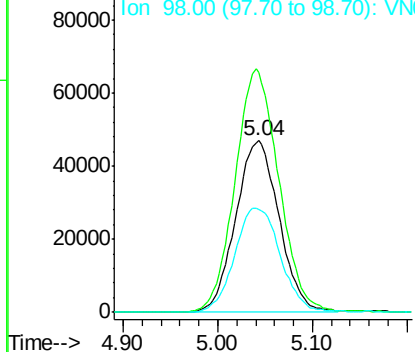


#19
trans-1,2-Dichloroethene
Concen: 20.705 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tot Ion: 96 Resp: 149582
Ion Ratio Lower Upper
96 100
61 139.5 118.2 177.4
98 60.1 51.4 77.2

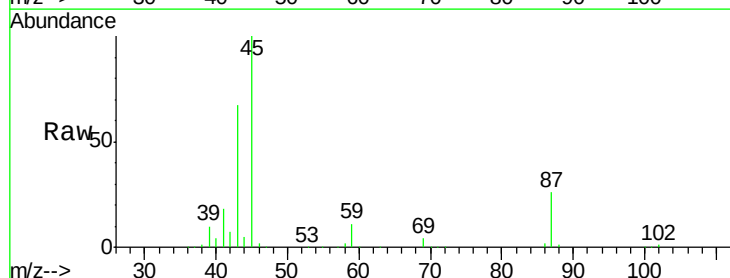


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

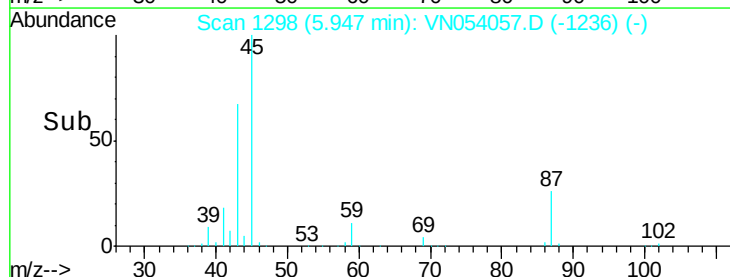
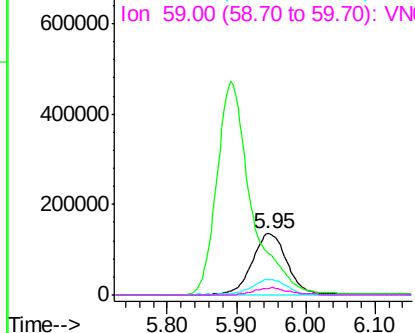


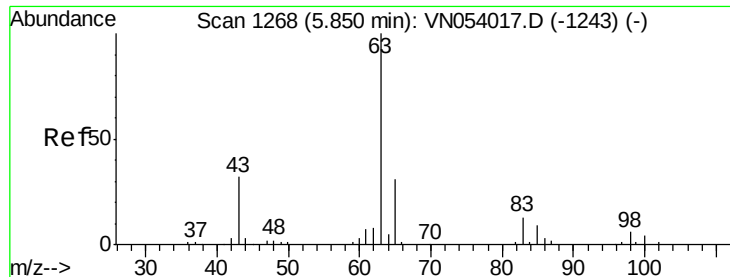
#20
Diisopropyl ether
Concen: 20.312 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 45 Resp: 478529
Ion Ratio Lower Upper
45 100
43 65.6 47.8 71.8
87 25.4 21.3 31.9
59 11.0 8.9 13.3



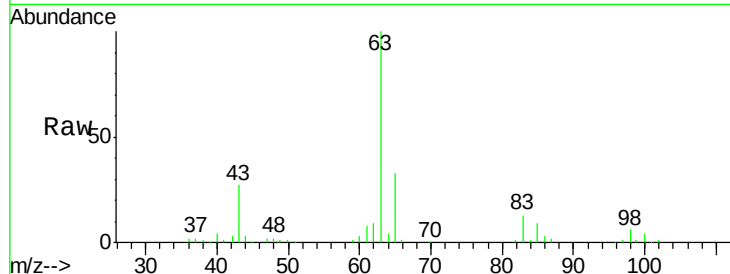
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0



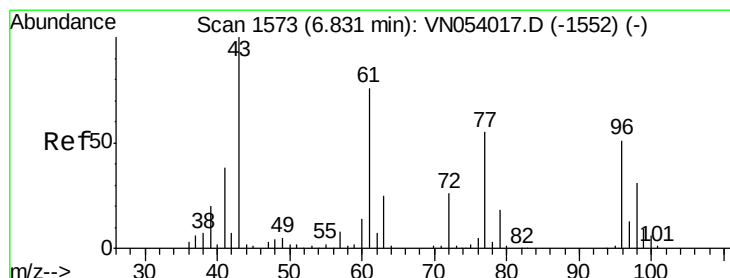
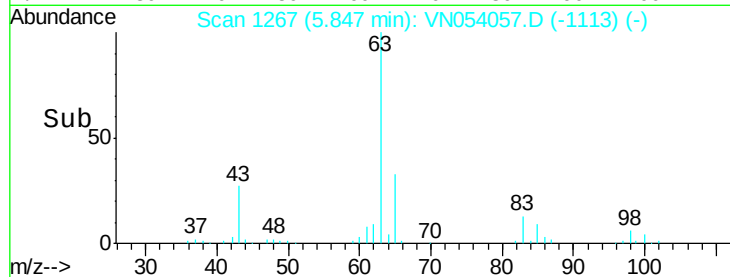
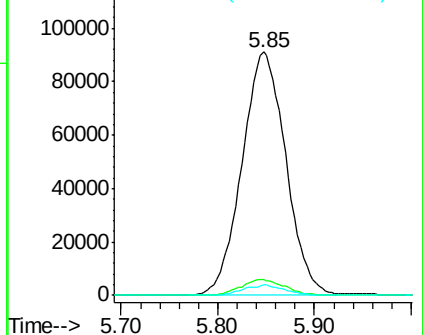


#21
 1,1-Dichloroethane
 Concen: 20.635 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tot Ion	63	Resp	287107
Ion Ratio	Lower	Upper	
63	100		
98	6.3	3.0	9.2
100	4.4	1.8	5.5

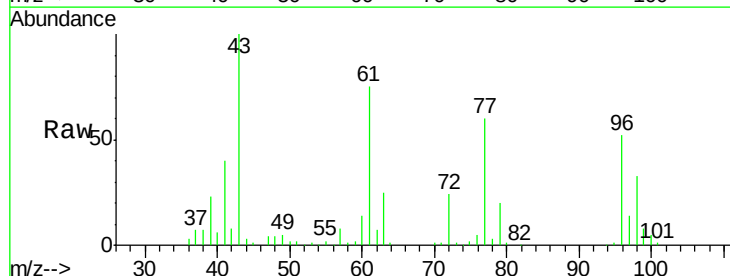


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

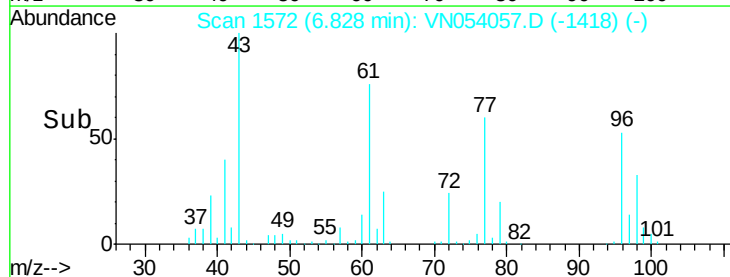
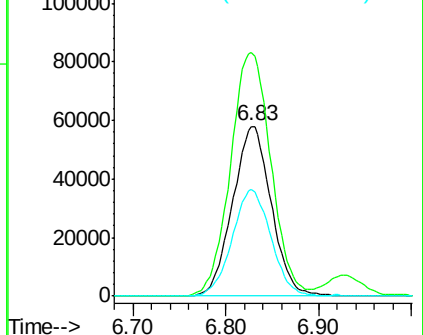


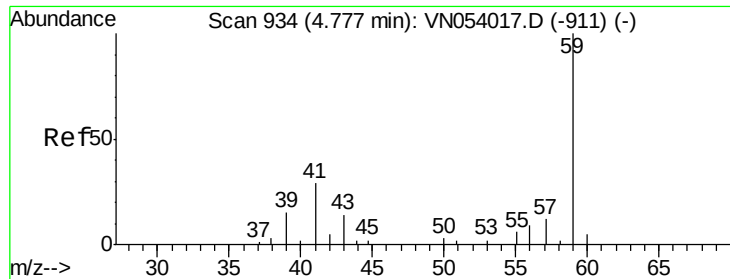
#22
 cis-1,2-Dichloroethene
 Concen: 20.902 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tgt Ion	96	Resp	168104
Ion Ratio	Lower	Upper	
96	100		
61	149.4	116.7	175.1
98	62.8	50.8	76.2



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0

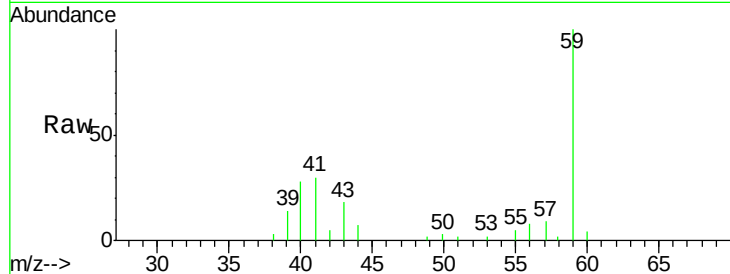




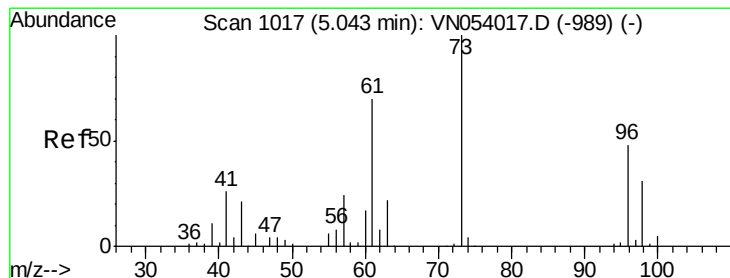
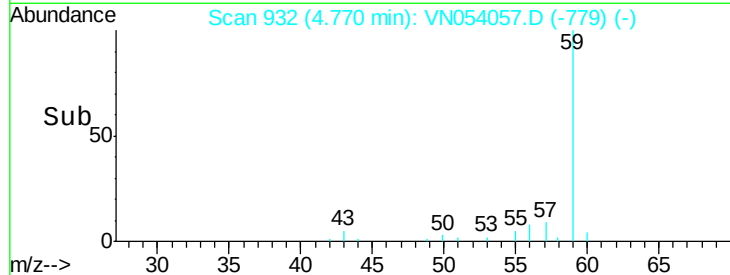
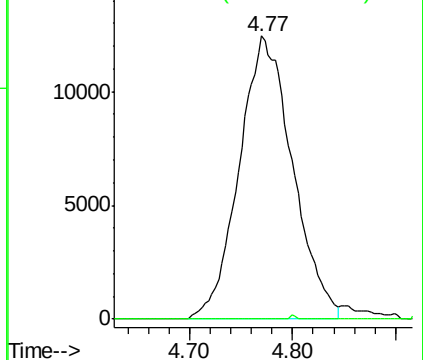
#23

tert-Butyl Alcohol
 Concen: 92.790 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tot Ion: 59 Resp: 44842
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#



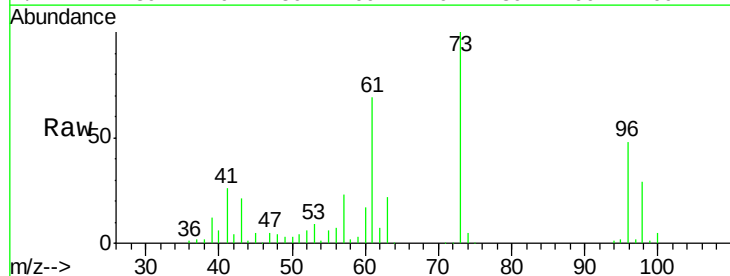
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0



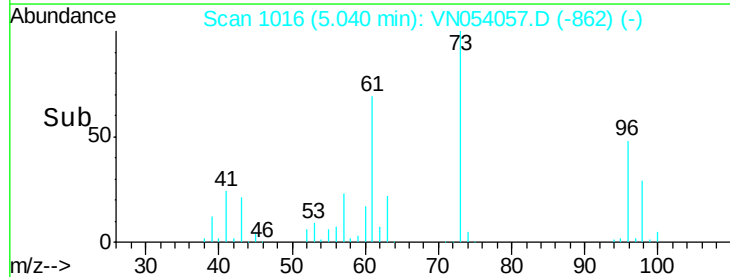
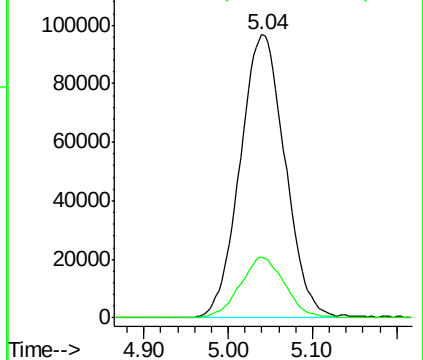
#24

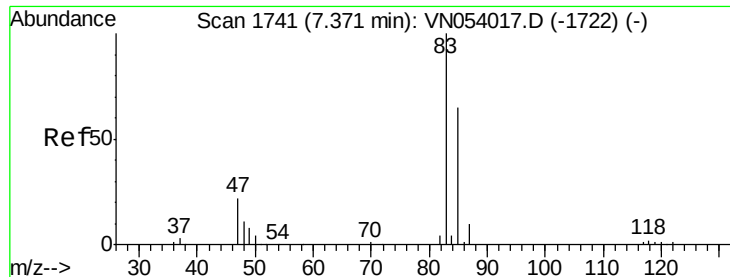
Methyl tert-Butyl Ether
 Concen: 19.886 ug/l
 RT: 5.04 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tgt Ion: 73 Resp: 358493
 Ion Ratio Lower Upper
 73 100
 43 20.5 15.8 23.8



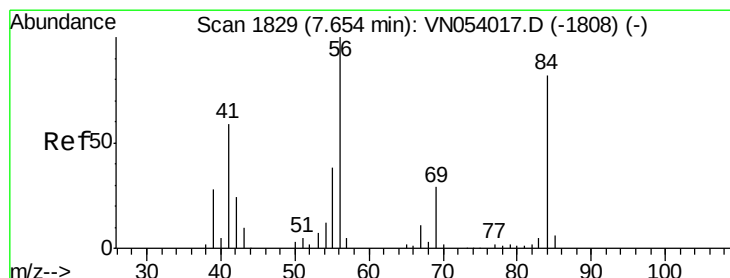
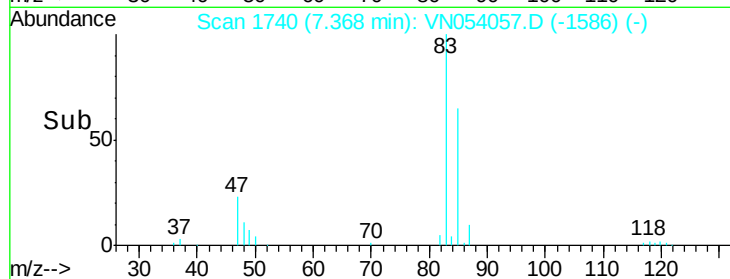
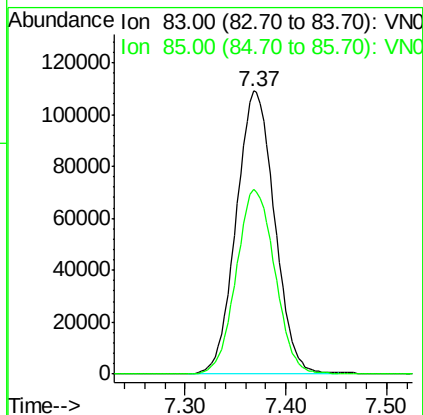
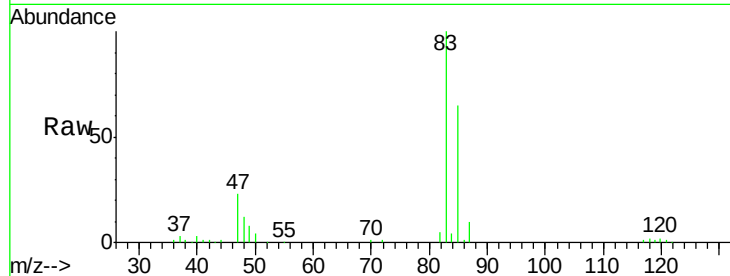
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0





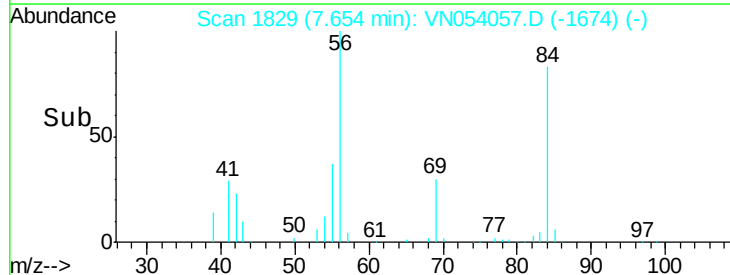
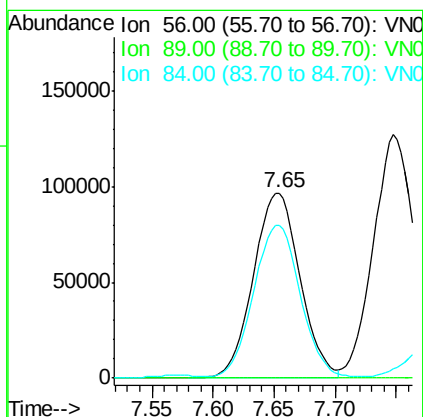
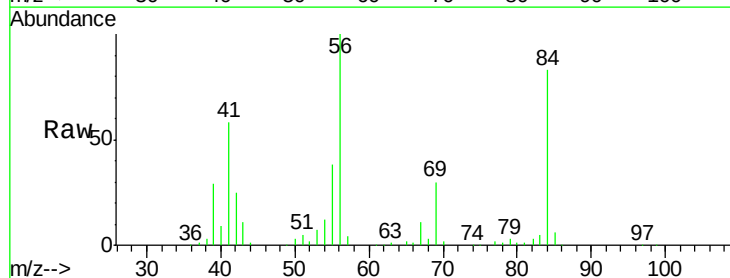
#25
Chloroform
Concen: 21.417 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

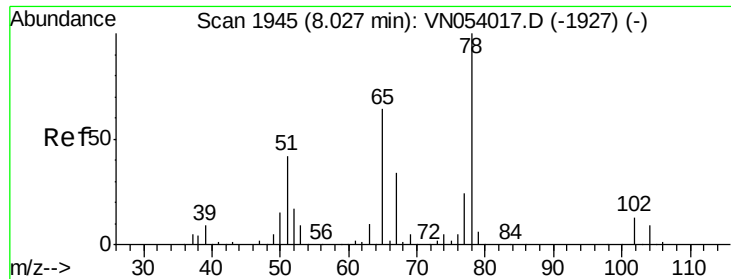
Tot Ion: 83 Resp: 287509
Ion Ratio Lower Upper
83 100
85 65.3 51.7 77.5



#26
Cyclohexane
Concen: 20.251 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 56 Resp: 256422
Ion Ratio Lower Upper
56 100
89 0.0 0.5 0.7#
84 81.5 66.2 99.2





#27

1,2-Dichloroethane-d4

Concen: 20.251 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054057.D

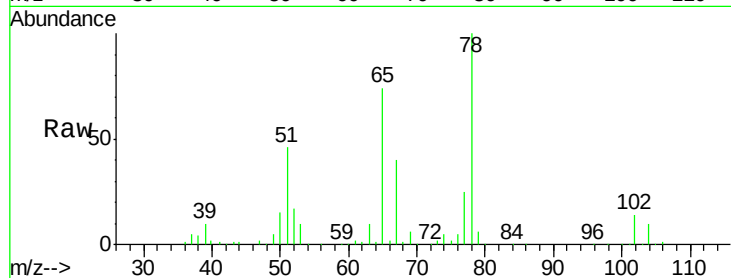
Acq: 4 Mar 2019 9:41

Tot Ion: 65 Resp: 259710

Ion Ratio Lower Upper

65 100

67 54.1 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

120000

100000

80000

60000

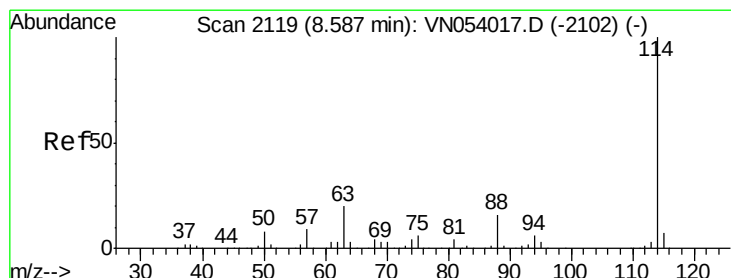
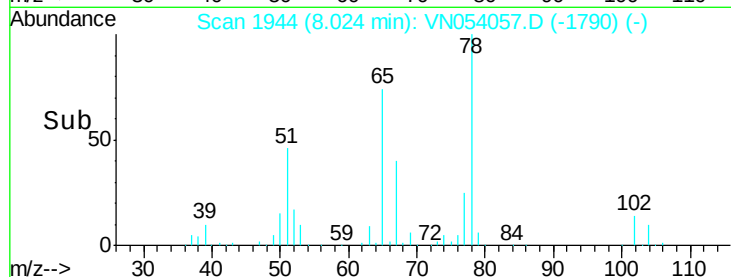
40000

20000

0

Time-->

7.95 8.00 8.05 8.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

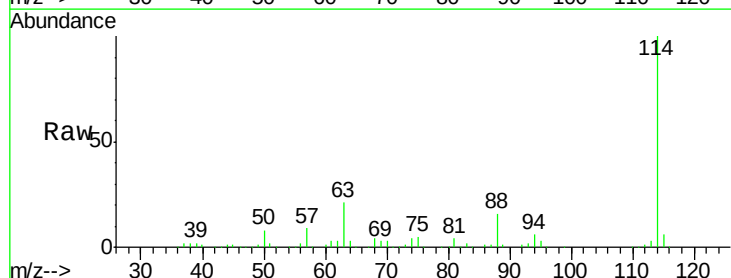
Tgt Ion: 114 Resp: 650206

Ion Ratio Lower Upper

114 100

63 21.2 16.9 25.3

88 15.0 12.8 19.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

400000

300000

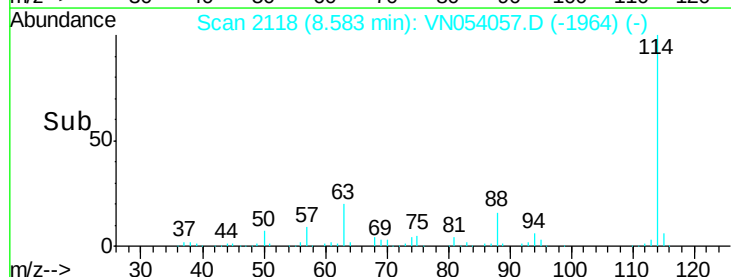
200000

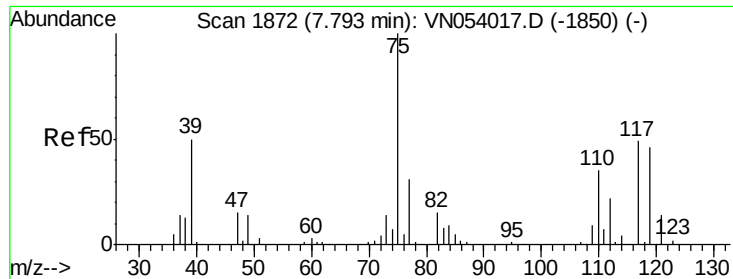
100000

0

Time-->

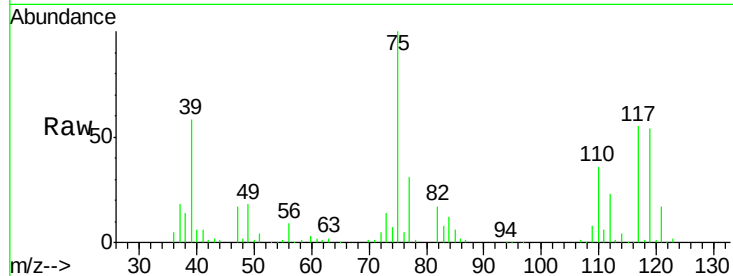
8.50 8.60 8.70



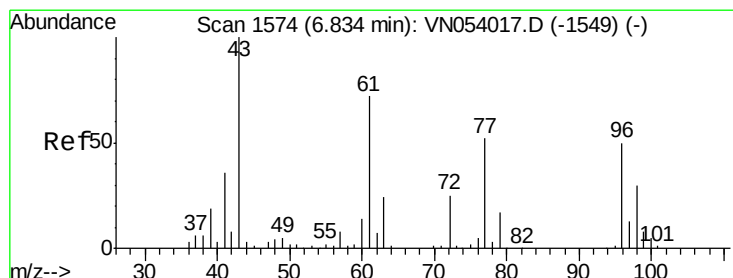
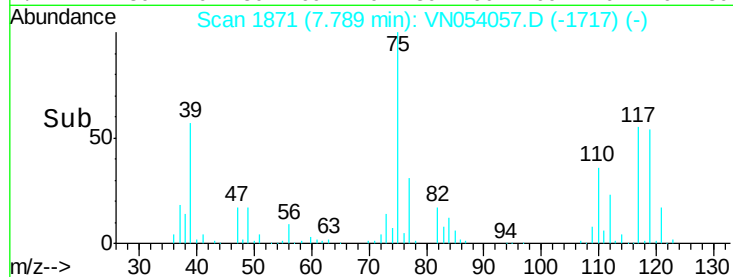
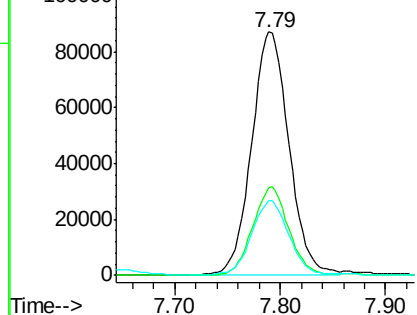


#29
 1,1-Dichloropropene
 Concen: 21.150 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tot Ion	75	Resp	215402
Ion Ratio	Lower	Upper	
75	100		
110	34.8	0.0	70.2
77	30.3	0.0	62.6

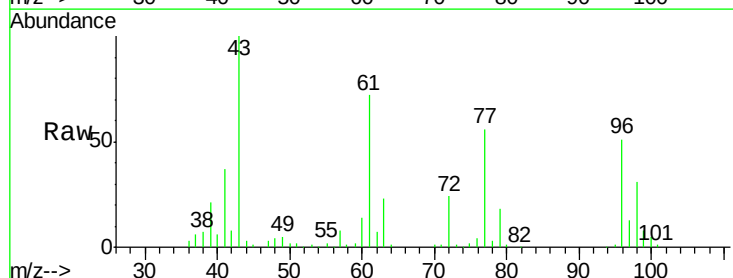


Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 110.00 (109.70 to 110.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0

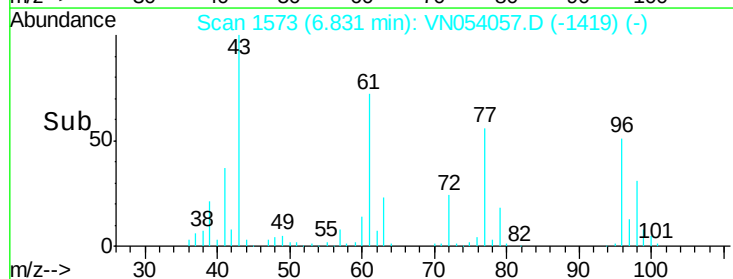
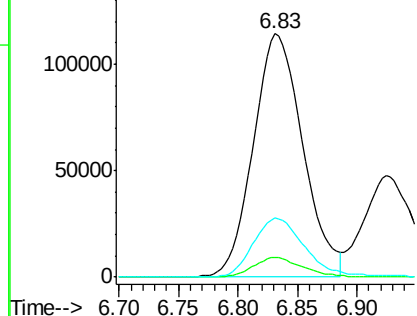


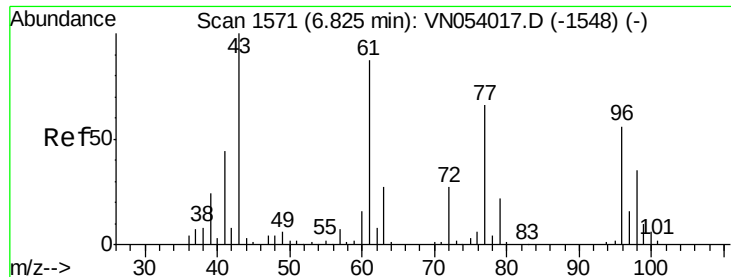
#30
 2-Butanone
 Concen: 101.986 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tgt Ion	43	Resp	327957
Ion Ratio	Lower	Upper	
43	100		
57	8.1	6.2	9.4
72	25.0	21.0	31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0
 Ion 72.00 (71.70 to 72.70): VN0





#31

2,2-Dichloropropane

Concen: 21.594 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN054057.D

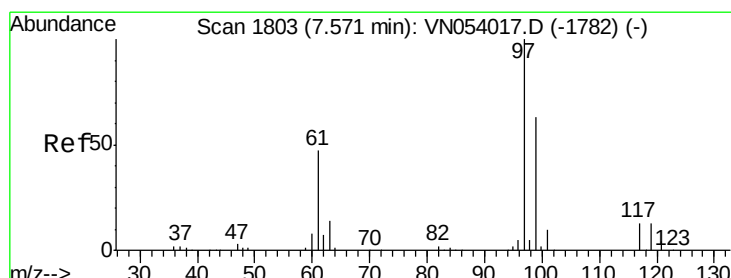
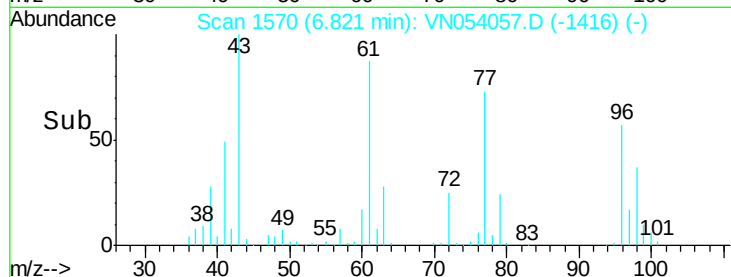
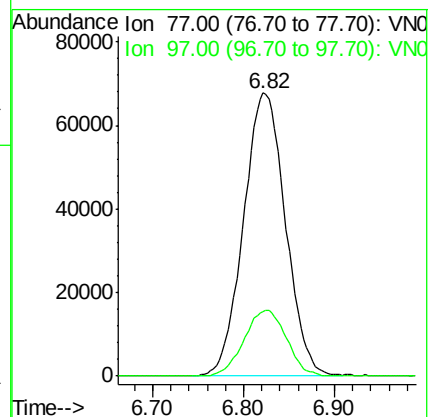
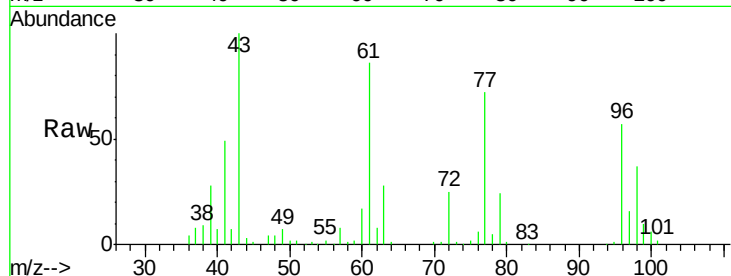
Acq: 4 Mar 2019 9:41

Tot Ion: 77 Resp: 216858

Ion Ratio Lower Upper

77 100

97 23.5 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 21.730 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

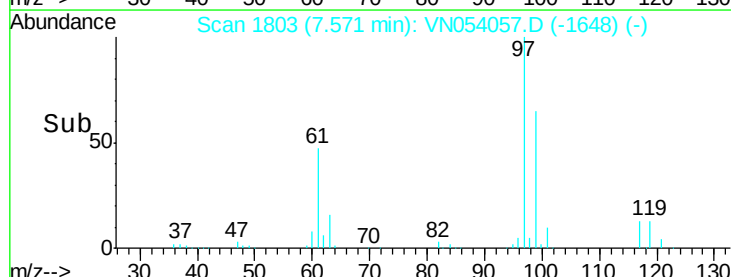
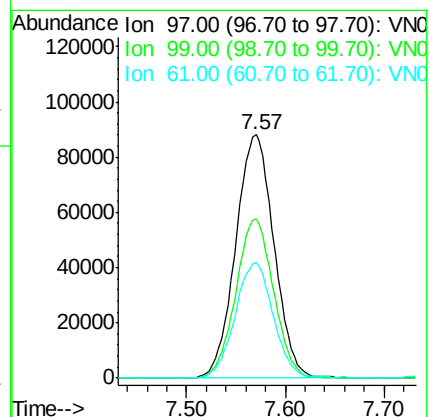
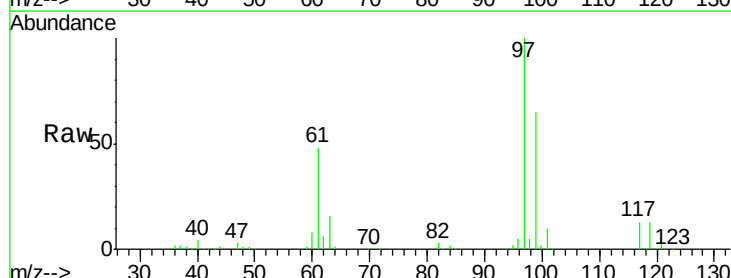
Tgt Ion: 97 Resp: 238041

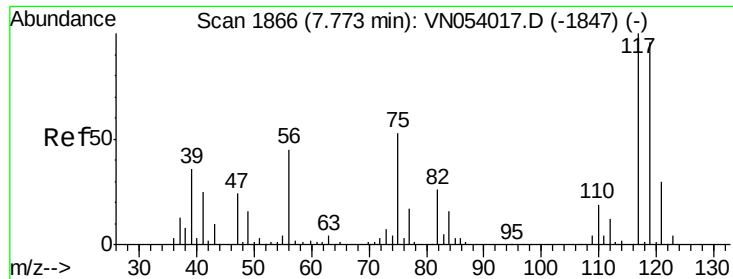
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 47.1 38.1 57.1





#33

Carbon Tetrachloride

Concen: 21.383 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

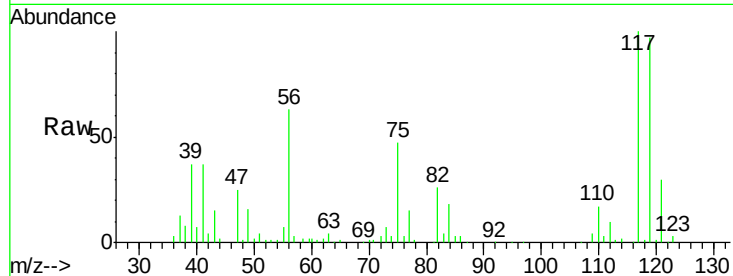
Tot Ion:117 Resp: 207404

Ion Ratio Lower Upper

117 100

119 97.1 77.3 115.9

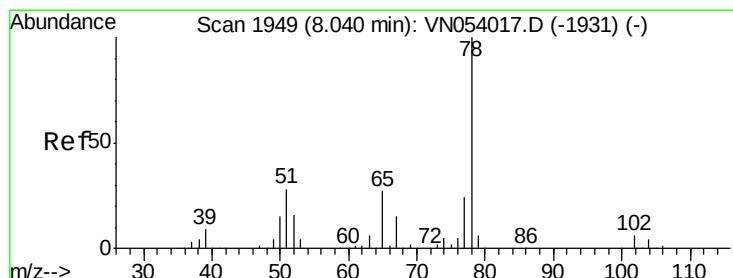
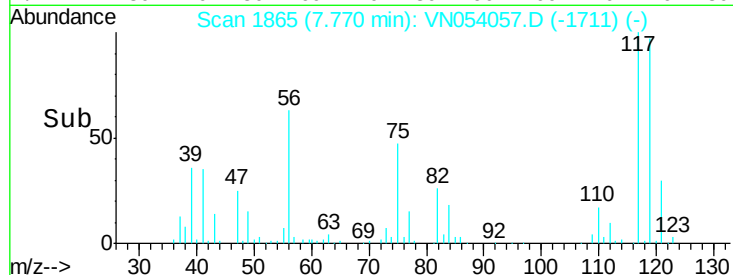
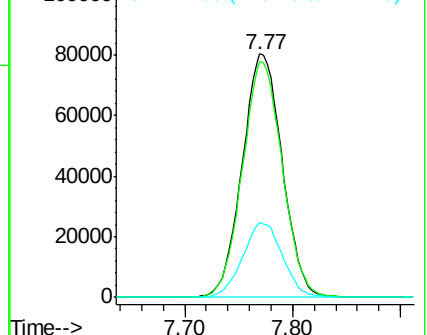
121 30.4 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.406 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

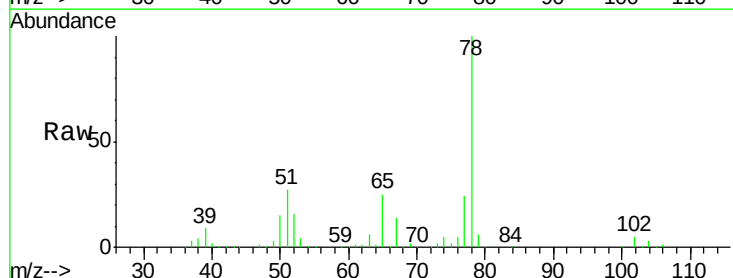
Tgt Ion: 78 Resp: 647939

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

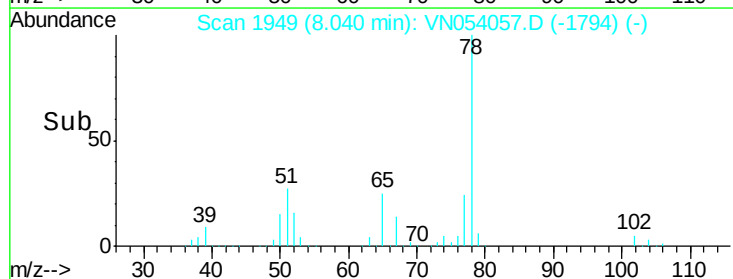
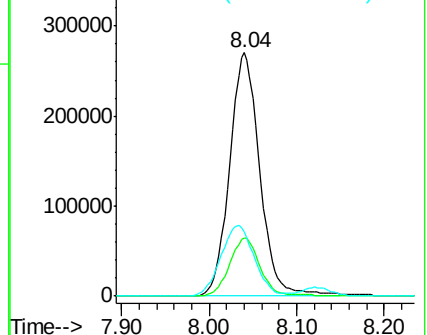
51 26.5 20.5 30.7

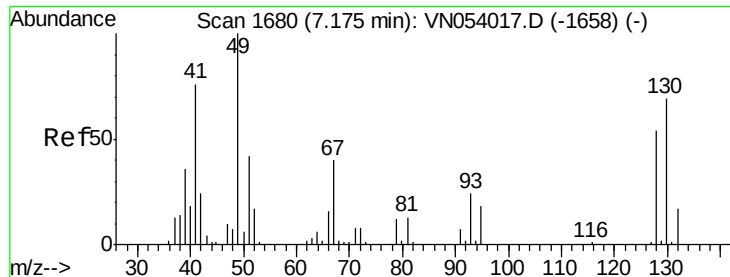


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

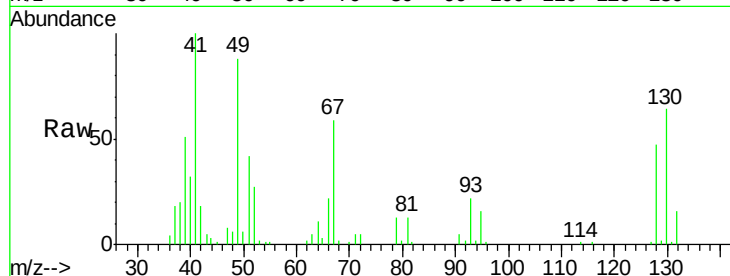
Ion 51.00 (50.70 to 51.70): V



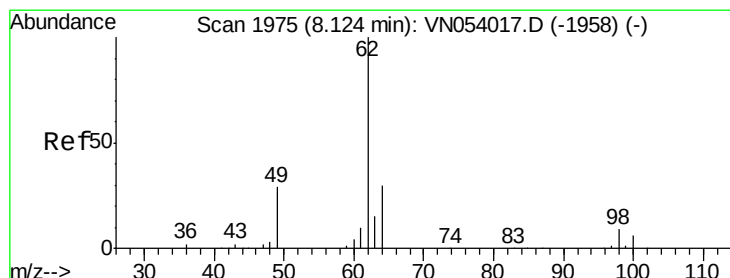
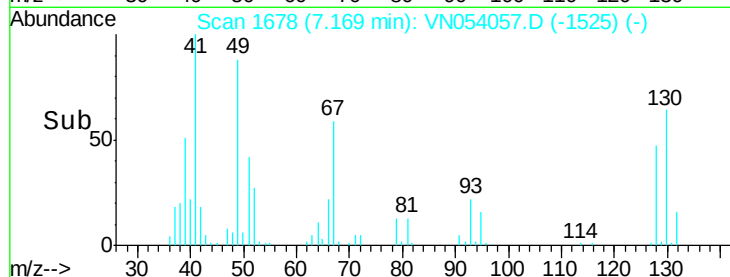
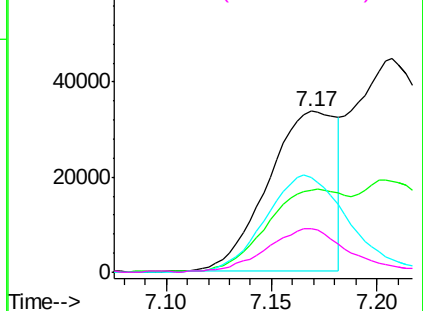


#35
Methacrylonitrile
Concen: 21.005 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.01 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tot Ion: 41 Resp: 75527
Ion Ratio Lower Upper
41 100
39 50.7 26.6 79.7
67 58.7 32.3 96.9
52 26.9 13.0 38.9

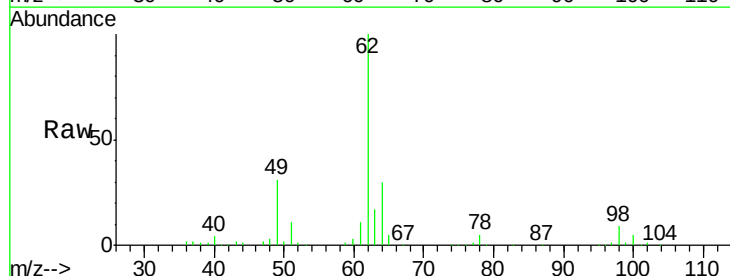


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

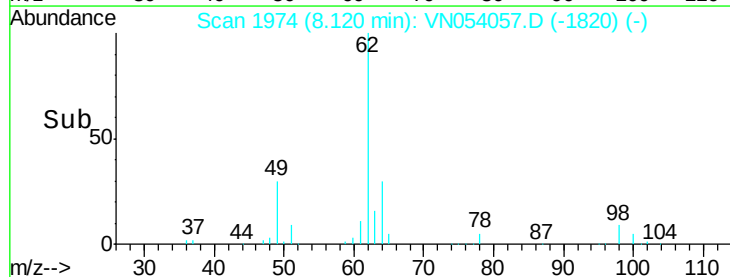
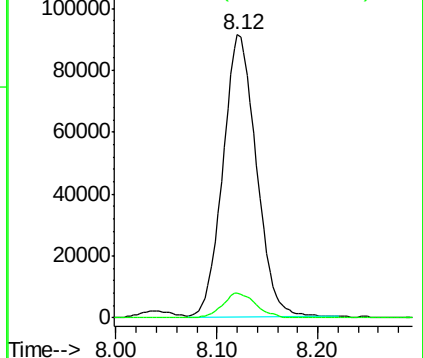


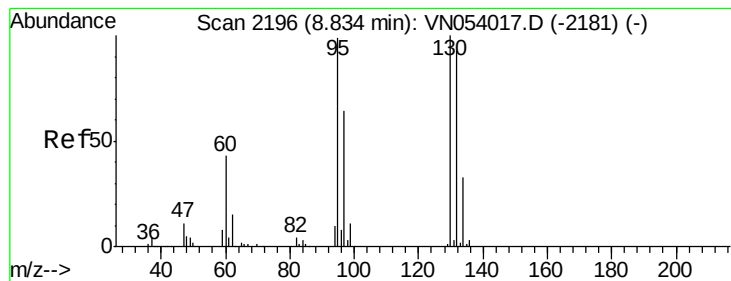
#36
1,2-Dichloroethane
Concen: 21.722 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 62 Resp: 211131
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC





#37

Trichloroethene

Concen: 21.986 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054057.D

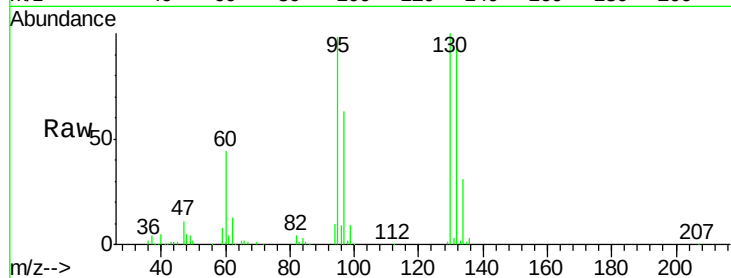
Acq: 4 Mar 2019 9:41

Tot Ion:130 Resp: 173719

Ion Ratio Lower Upper

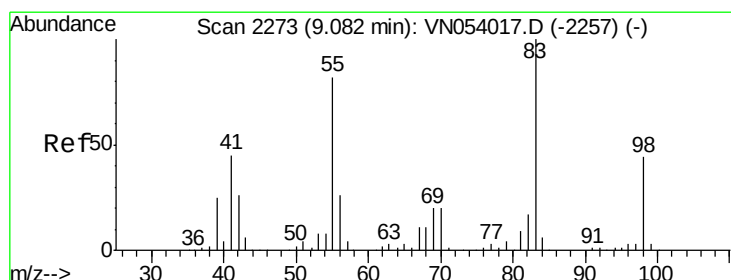
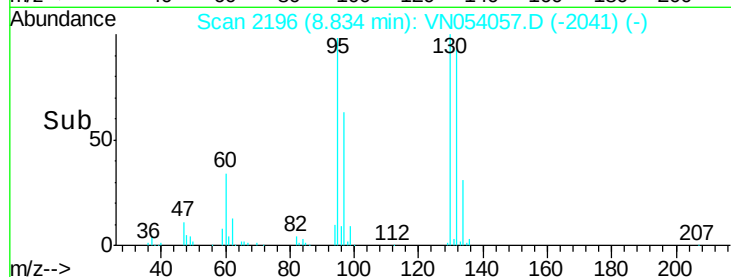
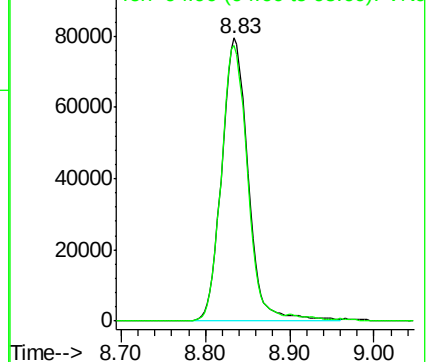
130 100

95 97.5 81.0 121.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0



#38

Methylcyclohexane

Concen: 20.660 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

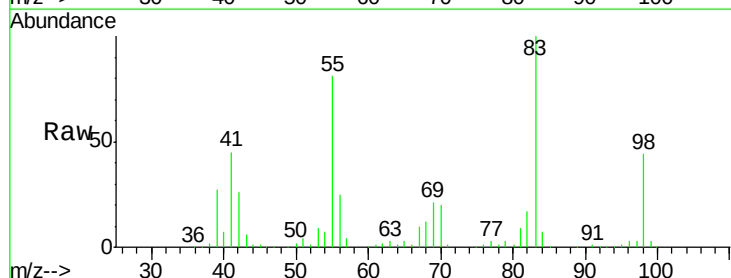
Tgt Ion: 83 Resp: 248350

Ion Ratio Lower Upper

83 100

55 79.9 39.8 119.4

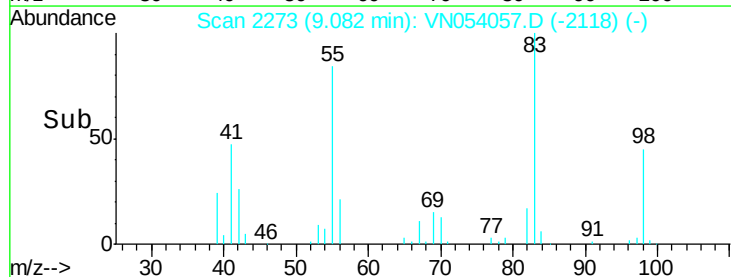
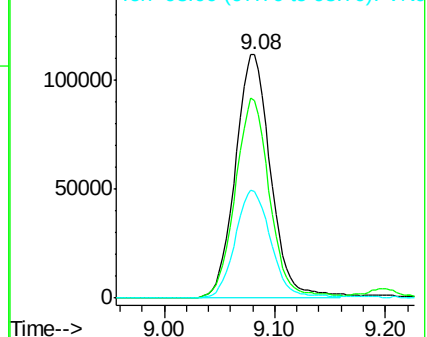
98 44.3 22.9 68.5

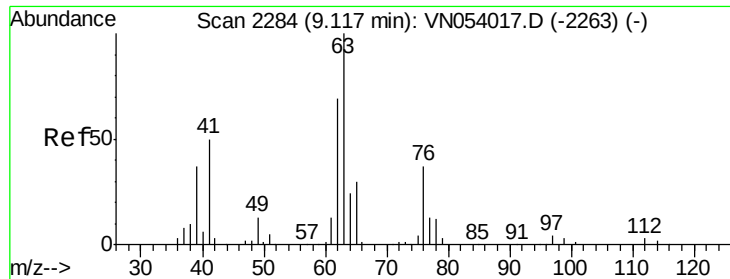


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#39

1,2-Dichloropropane

Concen: 20.895 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054057.D

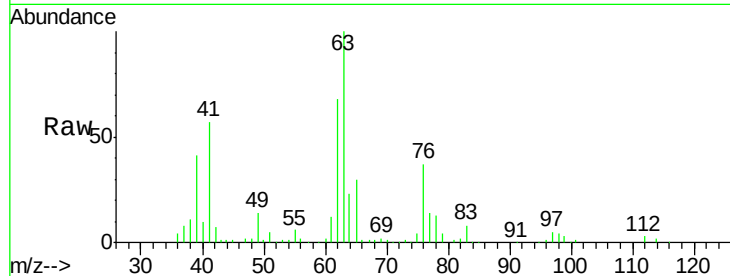
Acq: 4 Mar 2019 9:41

Tot Ion: 63 Resp: 173263

Ion Ratio Lower Upper

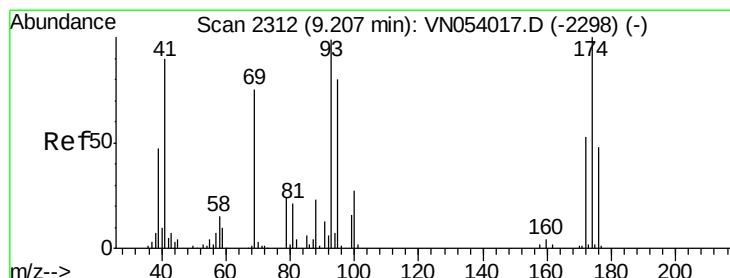
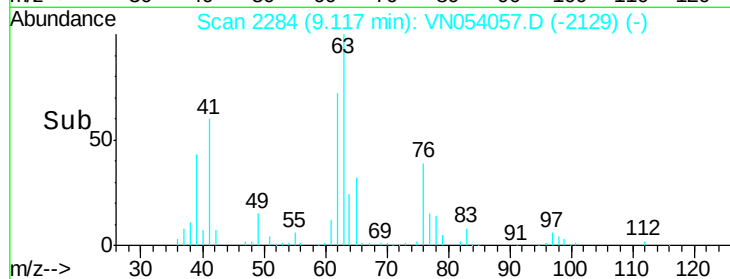
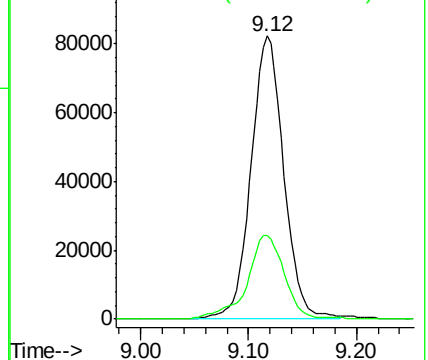
63 100

65 29.4 23.6 35.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 21.321 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

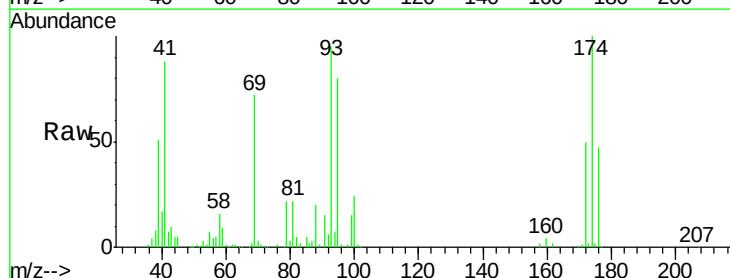
Tgt Ion: 93 Resp: 101352

Ion Ratio Lower Upper

93 100

95 82.9 0.0 168.4

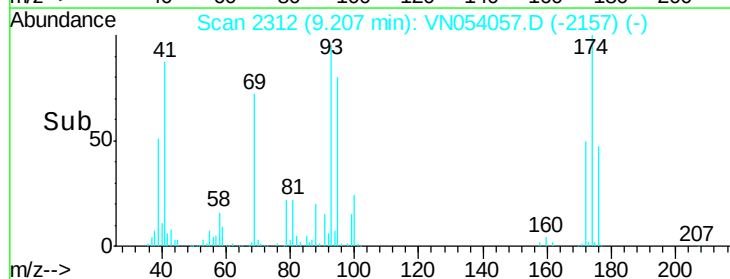
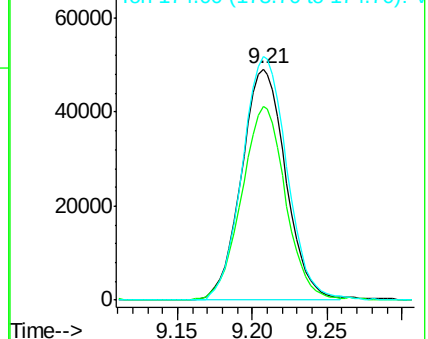
174 106.0 0.0 210.0

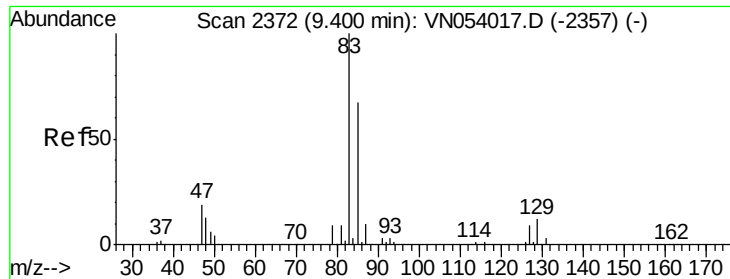


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 21.557 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

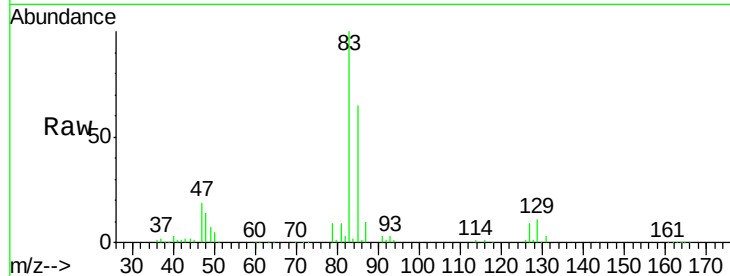
Tot Ion: 83 Resp: 217422

Ion Ratio Lower Upper

83 100

85 64.9 52.4 78.6

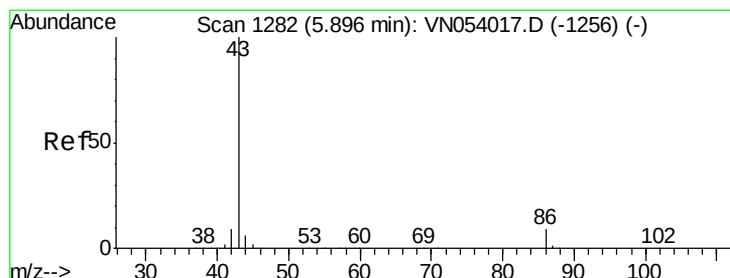
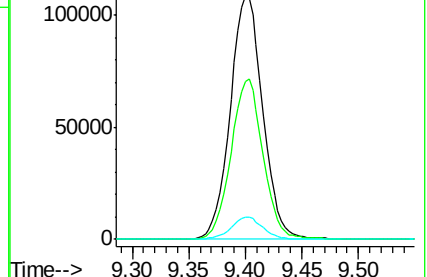
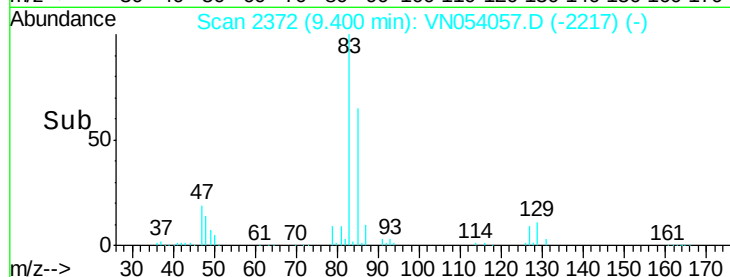
127 9.1 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN054057.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN054057.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN054057.D (-2217) (-)



#42

Vinyl Acetate

Concen: 98.194 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN054057.D

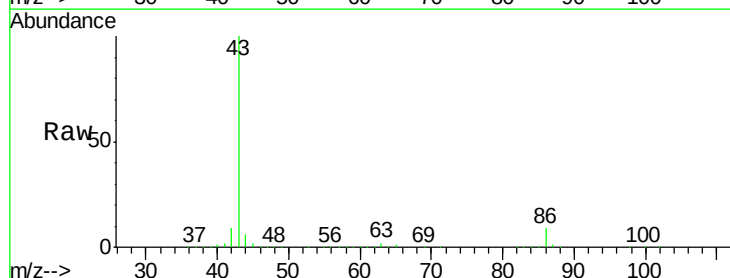
Acq: 4 Mar 2019 9:41

Tgt Ion: 43 Resp: 1631295

Ion Ratio Lower Upper

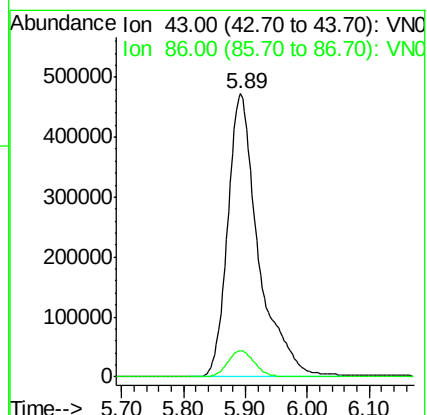
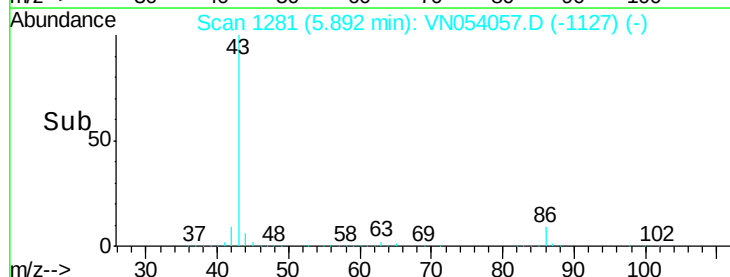
43 100

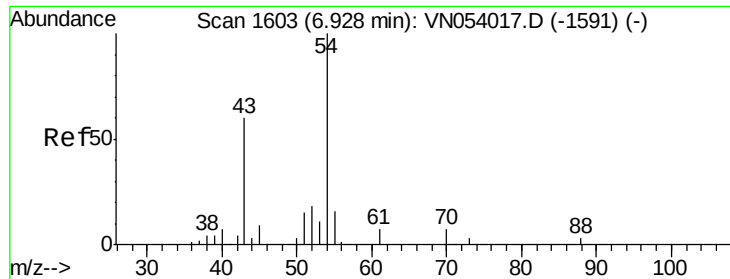
86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN054057.D (-1127) (-)

Ion 86.00 (85.70 to 86.70): VN054057.D (-1127) (-)





#43

Ethyl Acetate

Concen: 19.998 ug/l

RT: 6.92 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VN054057.D

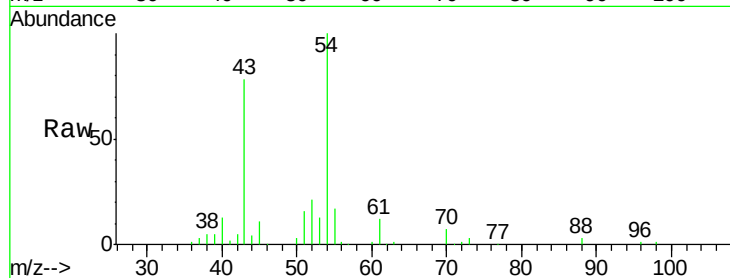
Acq: 4 Mar 2019 9:41

Tot Ion: 43 Resp: 134697

Ion Ratio Lower Upper

43 100

45 13.3 1.0 1.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

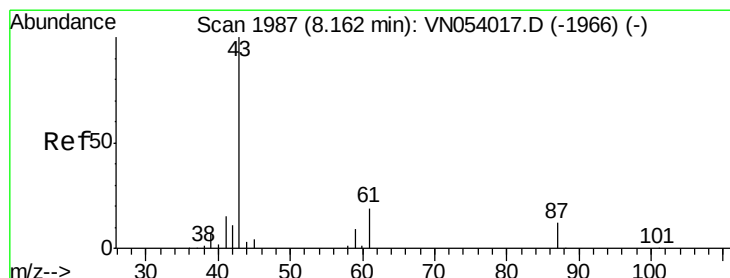
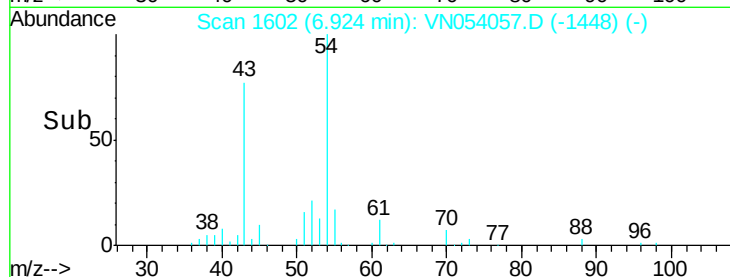
100000

50000

0

6.90 6.92 7.00

Time-->



#44

Isopropyl Acetate

Concen: 18.716 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN054057.D

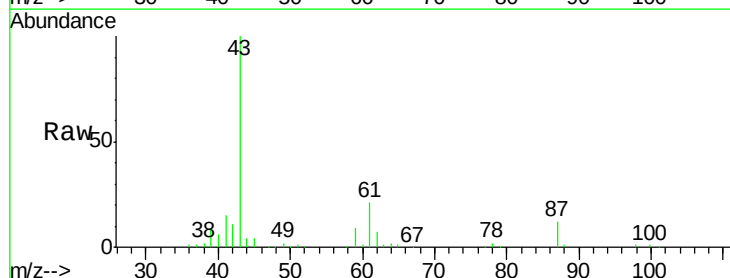
Acq: 4 Mar 2019 9:41

Tgt Ion: 43 Resp: 221209

Ion Ratio Lower Upper

43 100

61 20.3 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

100000

80000

60000

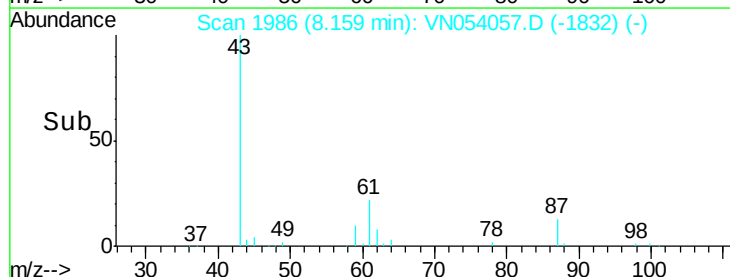
40000

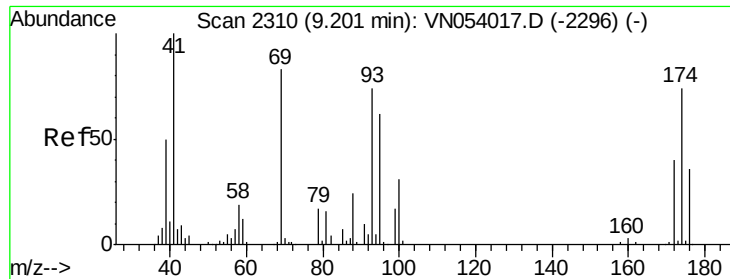
20000

0

8.10 8.15 8.20

Time-->





#45

1,4-Dioxane

Concen: 441.249 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

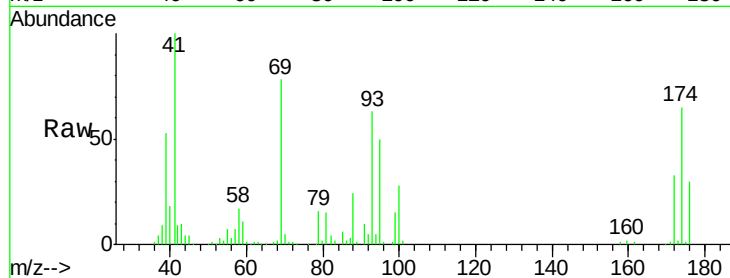
Tot Ion: 88 Resp: 30665

Ion Ratio Lower Upper

88 100

43 34.1 29.5 44.3

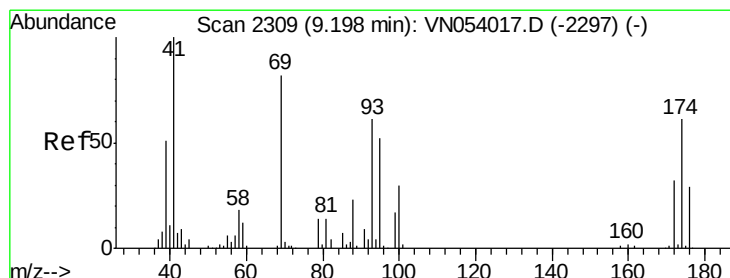
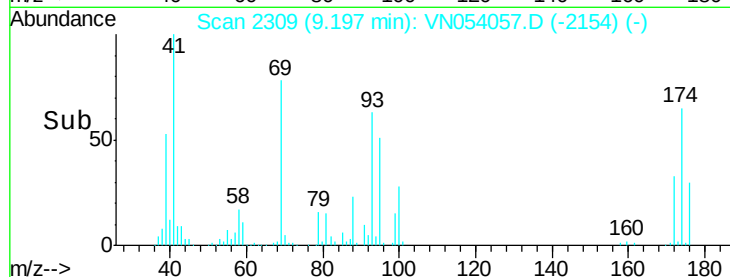
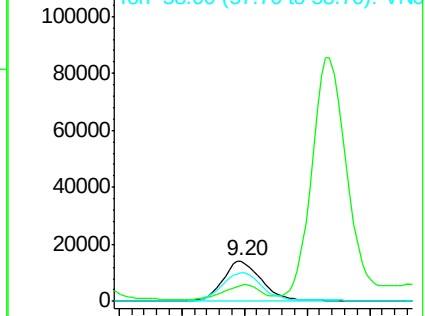
58 72.6 61.5 92.3



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 19.178 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

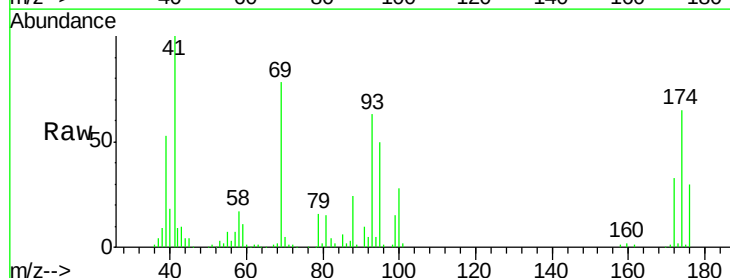
Tgt Ion: 41 Resp: 108876

Ion Ratio Lower Upper

41 100

69 80.4 42.5 127.6

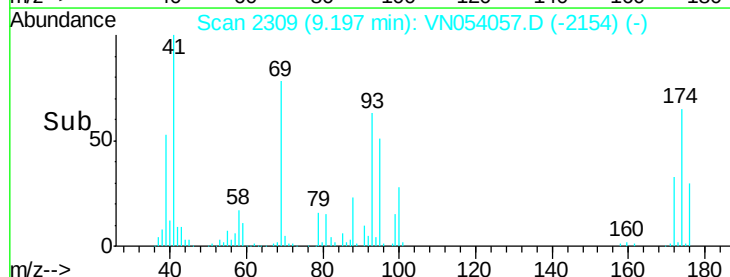
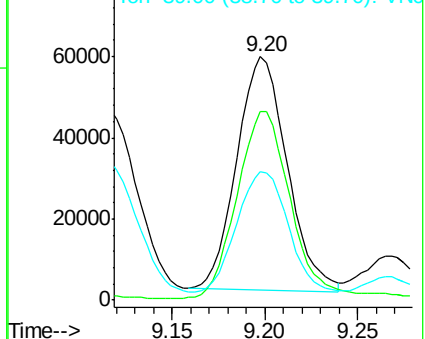
39 51.9 26.3 78.9

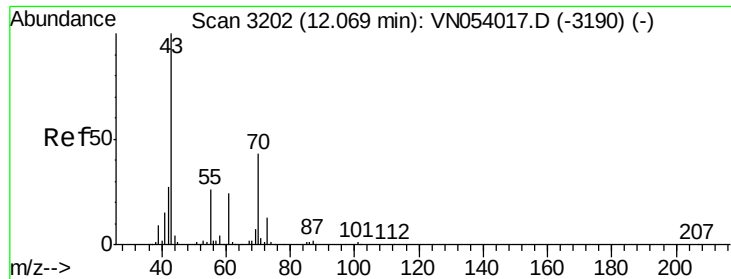


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#47

n-amyl Acetate

Concen: 18.920 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054057.D

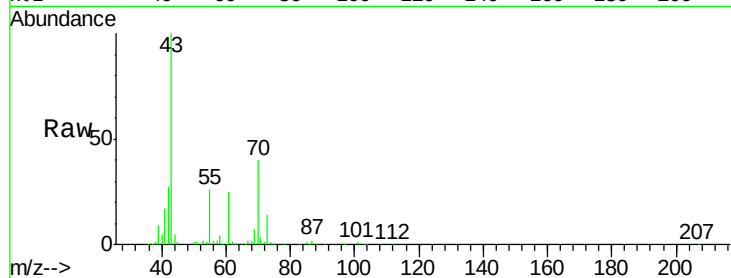
Acq: 4 Mar 2019 9:41

Tot Ion: 43 Resp: 164266

Ion Ratio Lower Upper

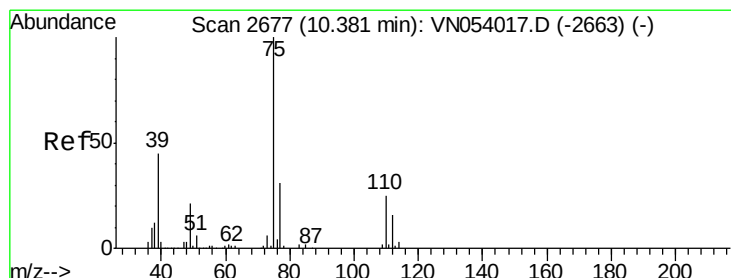
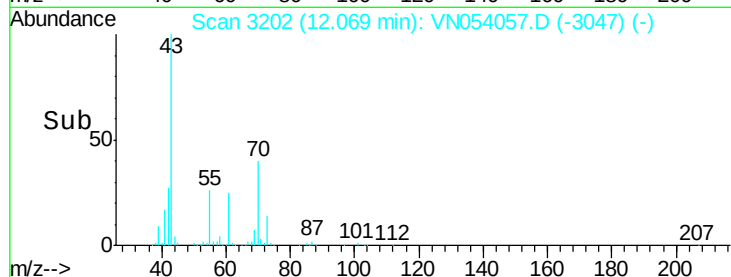
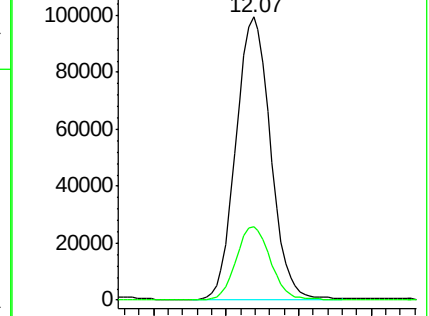
43 100

55 26.1 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 19.896 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN054057.D

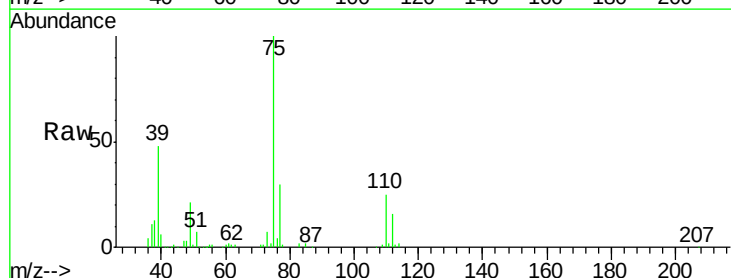
Acq: 4 Mar 2019 9:41

Tgt Ion: 75 Resp: 201212

Ion Ratio Lower Upper

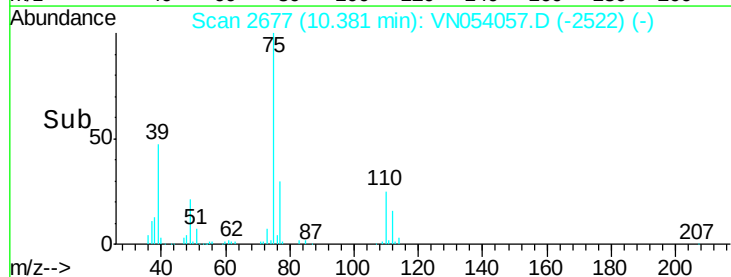
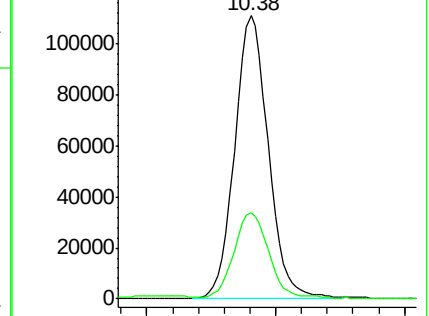
75 100

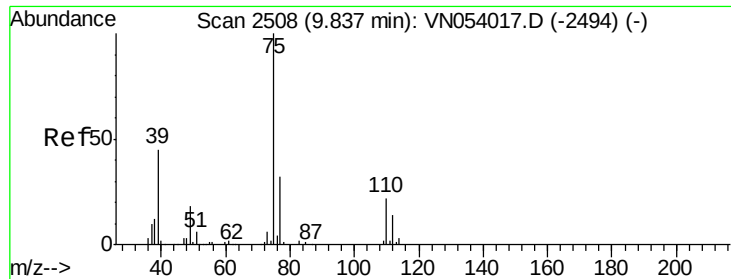
77 30.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#49

cis-1,3-Dichloropropene

Concen: 20.399 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

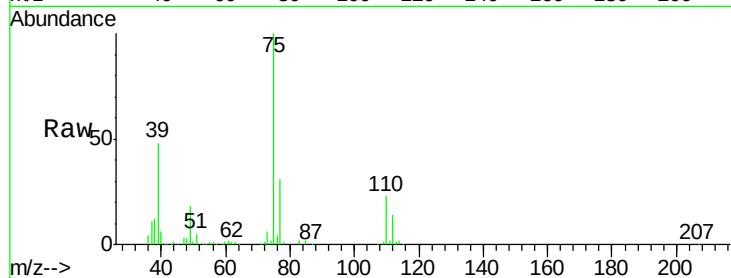
Tot Ion: 75 Resp: 242238

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

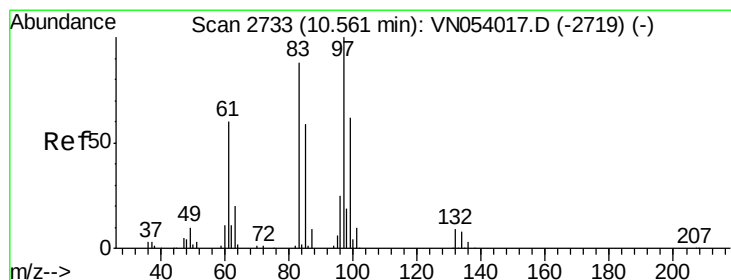
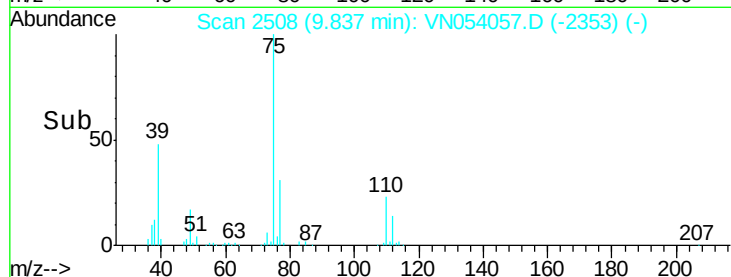
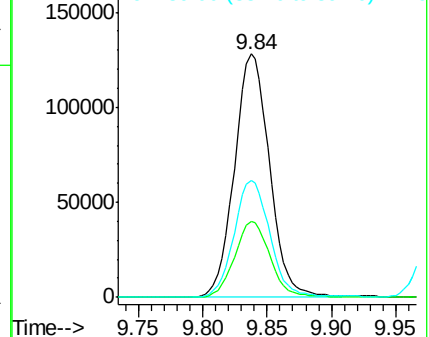
39 48.0 37.3 55.9



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane

Concen: 21.264 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

Tgt Ion: 97 Resp: 141791

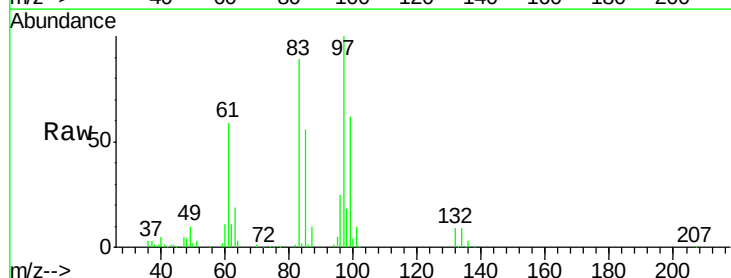
Ion Ratio Lower Upper

97 100

83 88.6 70.4 105.6

85 55.8 45.0 67.6

99 61.7 50.2 75.2

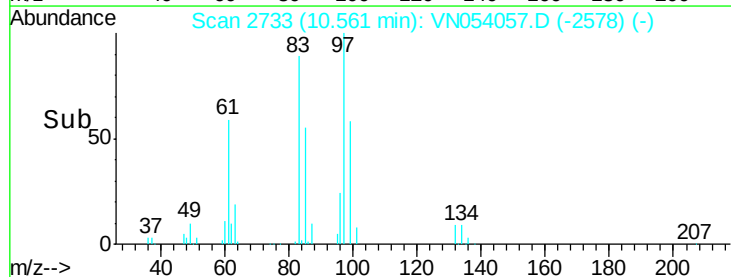
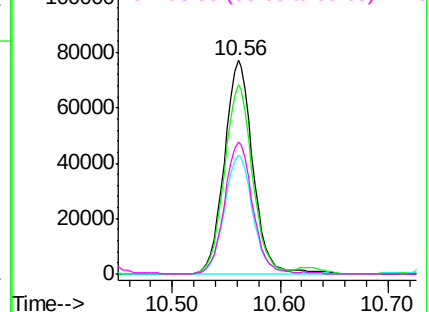


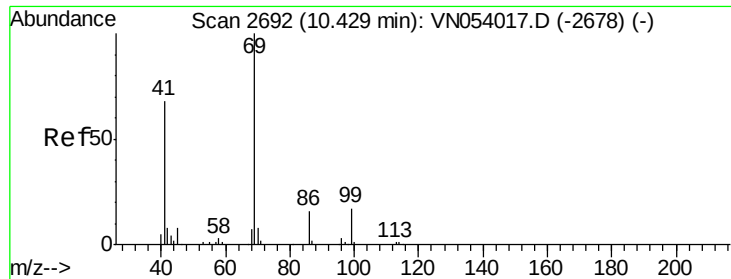
Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 18.891 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

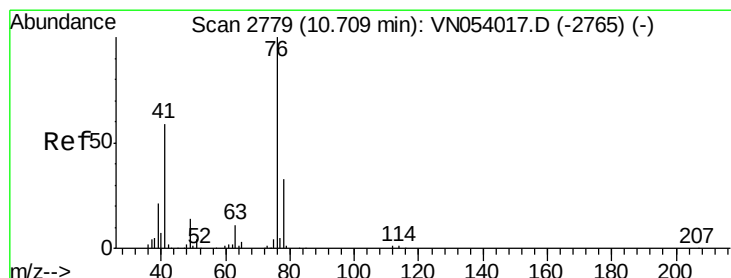
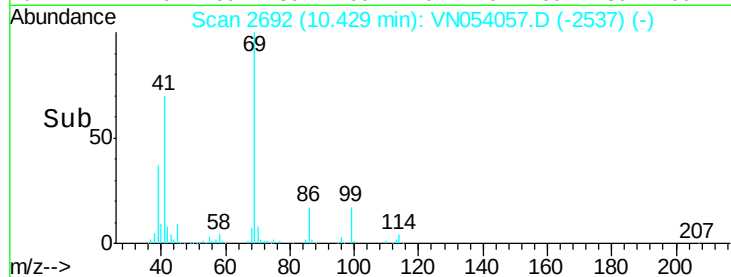
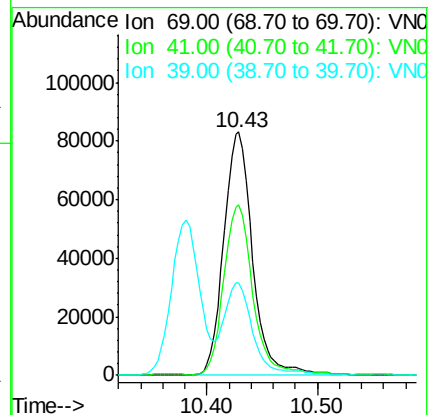
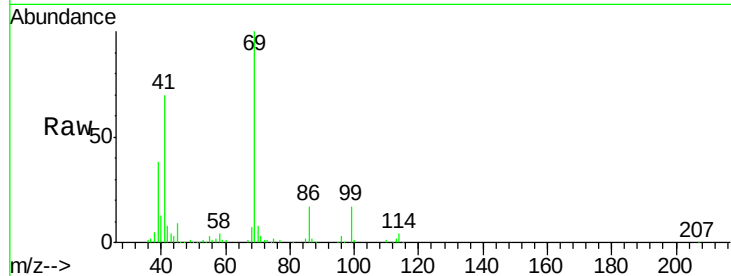
Tot Ion: 69 Resp: 151642

Ion	Ratio	Lower	Upper
69	100		
41	69.8	34.4	103.3
39	37.7	16.4	49.2

69 100

41 69.8 34.4 103.3

39 37.7 16.4 49.2



#52

1,3-Dichloropropane

Concen: 21.146 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN054057.D

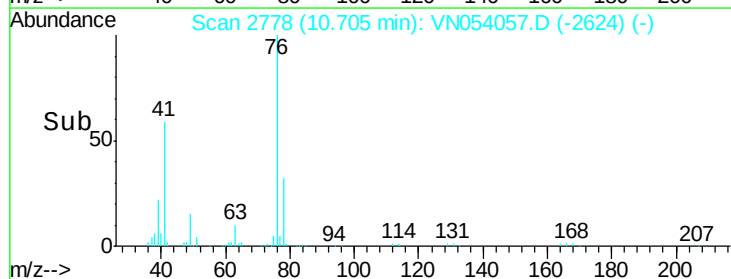
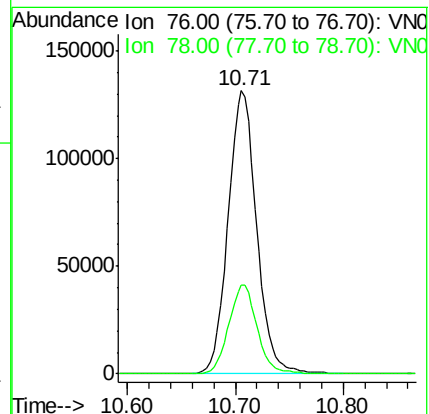
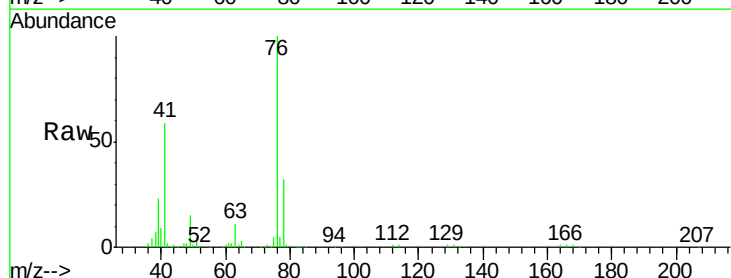
Acq: 4 Mar 2019 9:41

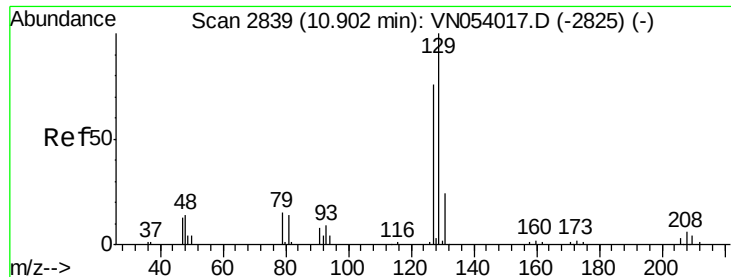
Tgt Ion: 76 Resp: 241993

Ion	Ratio	Lower	Upper
76	100		
78	31.5	0.0	64.8

76 100

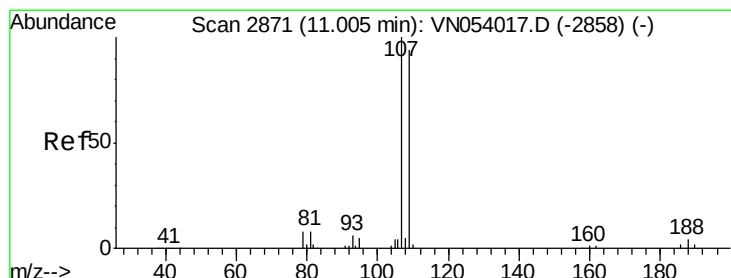
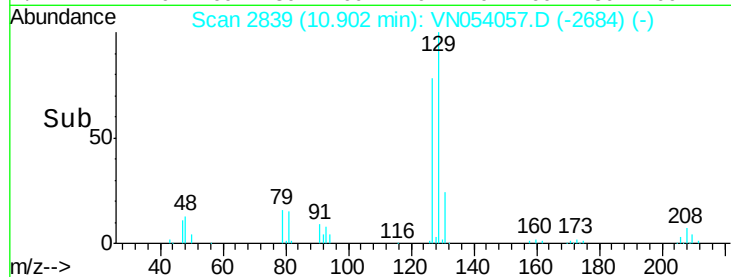
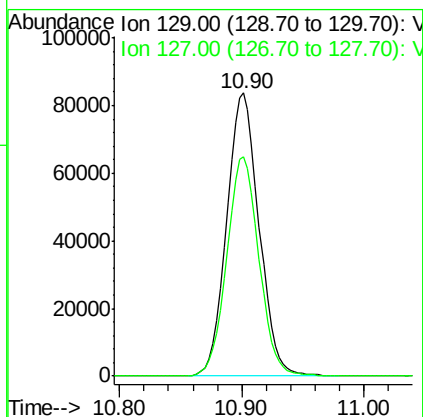
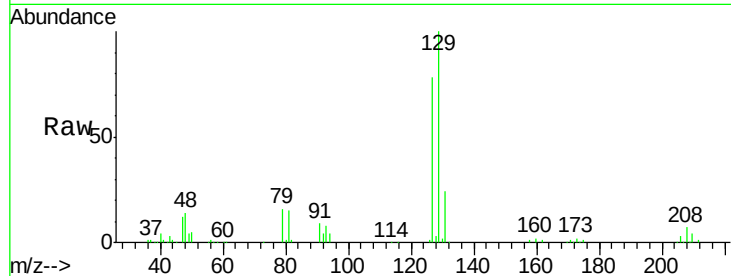
78 31.5 0.0 64.8





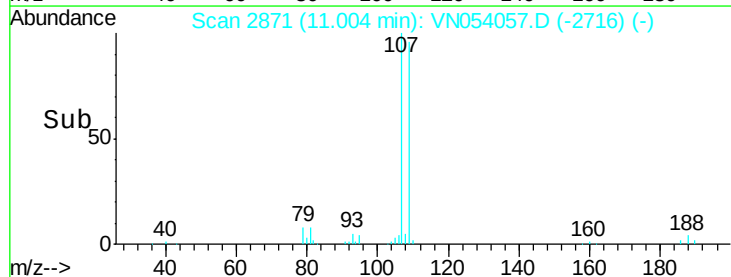
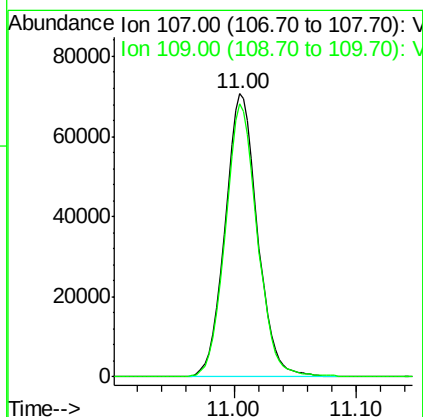
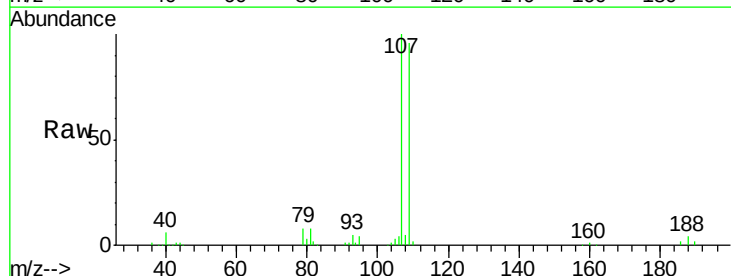
#53
 Dibromochloromethane
 Concen: 21.119 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

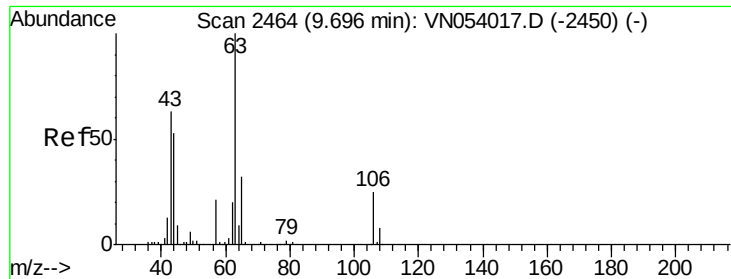
Tot Ion:129 Resp: 154742
 Ion Ratio Lower Upper
 129 100
 127 77.4 37.6 112.8



#54
 1,2-Dibromoethane
 Concen: 20.628 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tgt Ion:107 Resp: 131028
 Ion Ratio Lower Upper
 107 100
 109 95.3 77.1 115.7





#55

2-Chloroethyl vinyl ether

Concen: 95.117 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

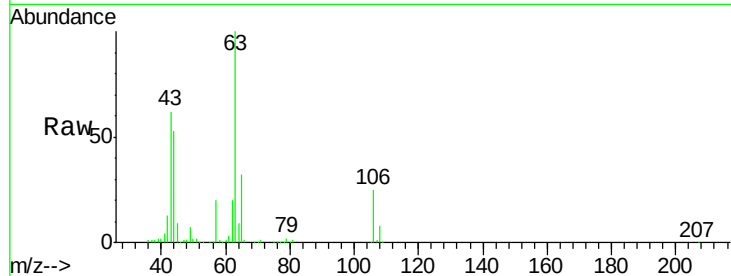
Tot Ion: 63 Resp: 354319

Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.4	38.2
106	24.8	20.4	30.6

63 100

65 31.4 25.4 38.2

106 24.8 20.4 30.6

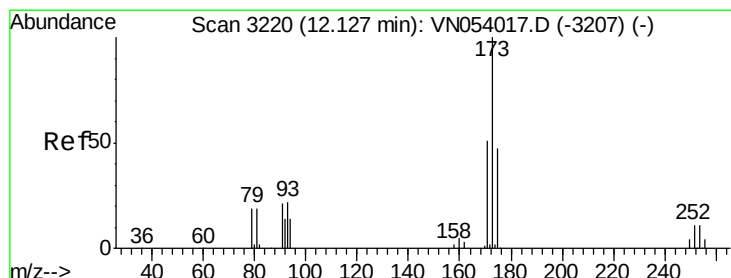
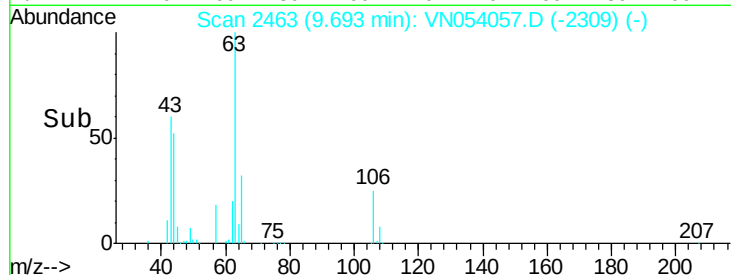
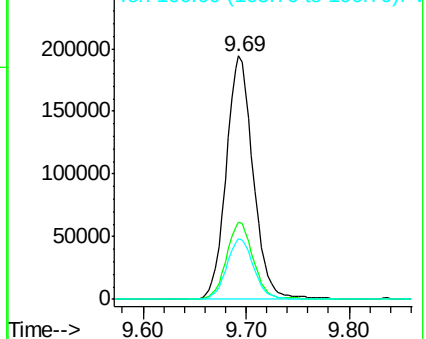


Abundance

Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

Ion 106.00 (105.70 to 106.70): VN0



#56

Bromoform

Concen: 20.347 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

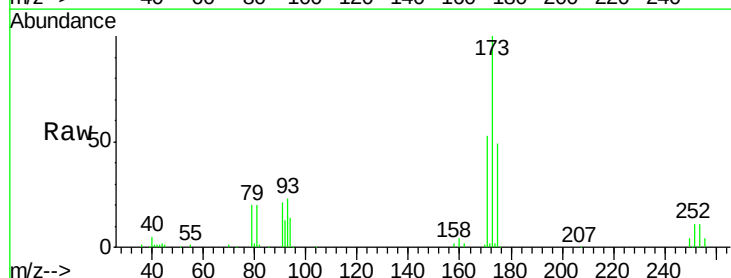
Tgt Ion: 173 Resp: 98989

Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.7	58.1
254	10.3	8.4	12.6

173 100

175 49.0 38.7 58.1

254 10.3 8.4 12.6

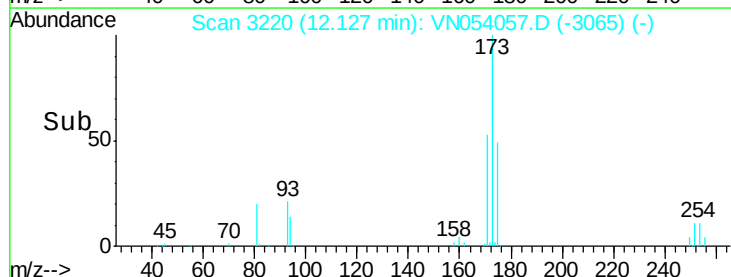
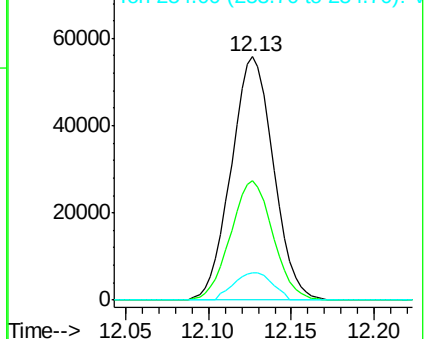


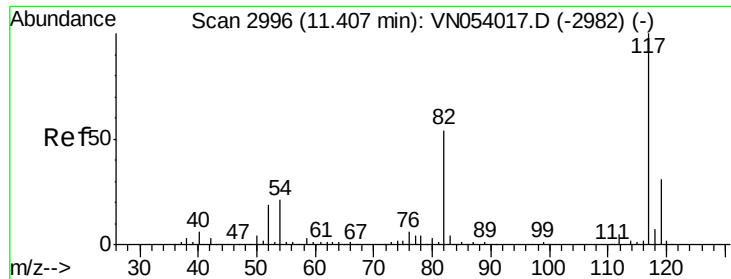
Abundance

Ion 173.00 (172.70 to 173.70): VN0

Ion 175.00 (174.70 to 175.70): VN0

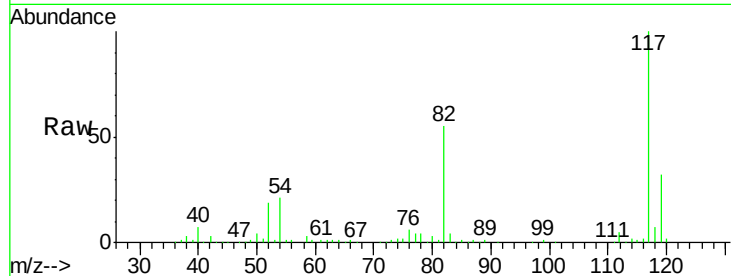
Ion 254.00 (253.70 to 254.70): VN0



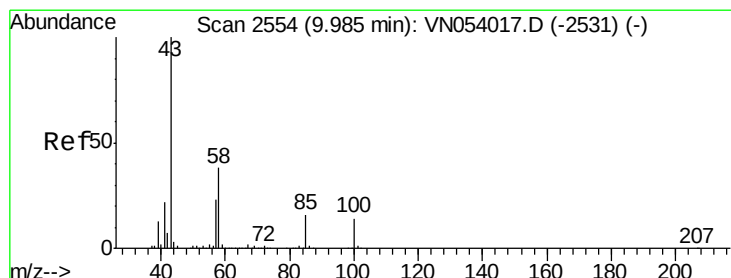
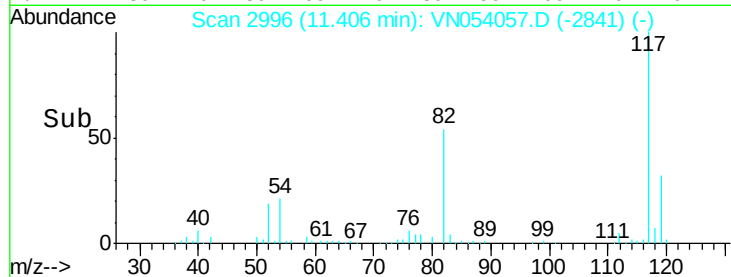
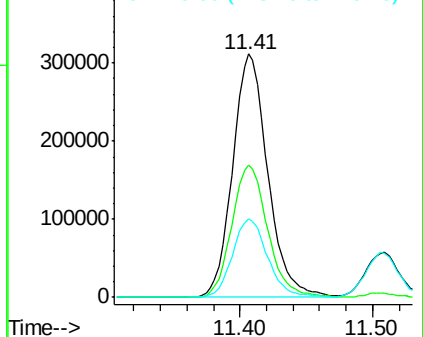


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tot Ion:117 Resp: 572692
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.3 25.4 38.2

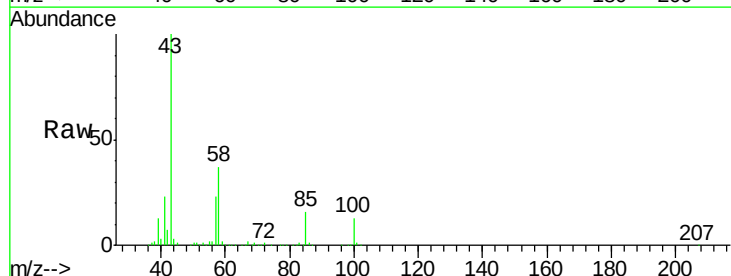


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

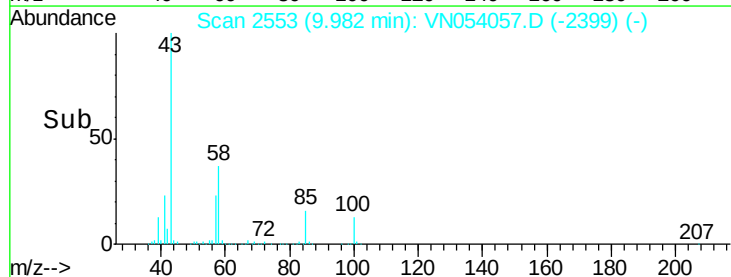
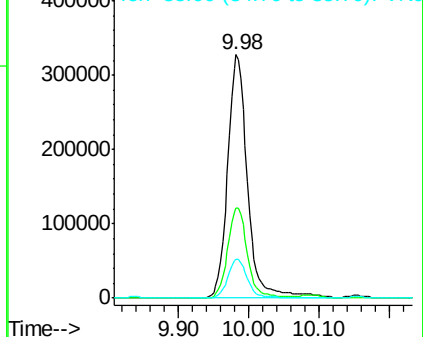


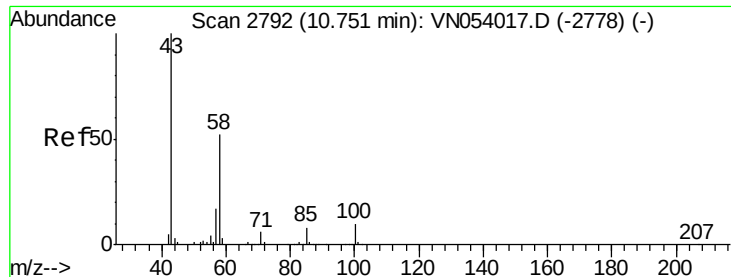
#58
4-Methyl-2-Pentanone
Concen: 100.086 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 43 Resp: 645869
Ion Ratio Lower Upper
43 100
58 37.1 31.6 47.4
85 15.6 13.3 19.9



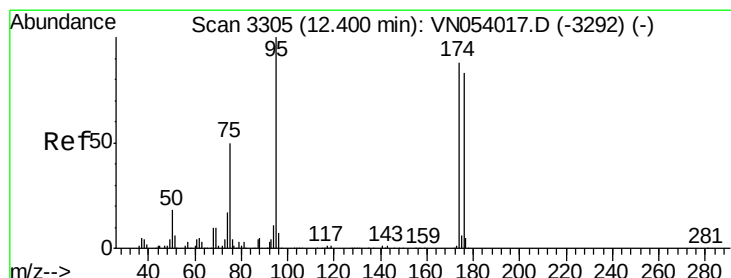
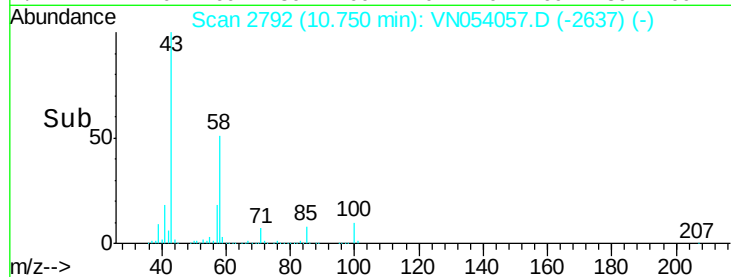
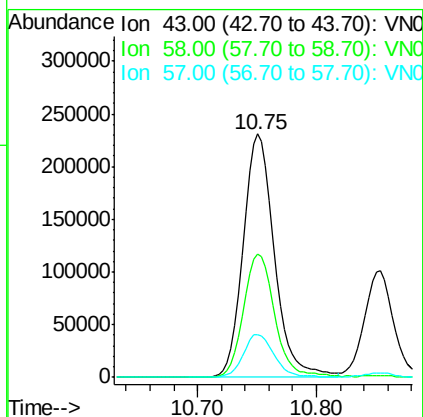
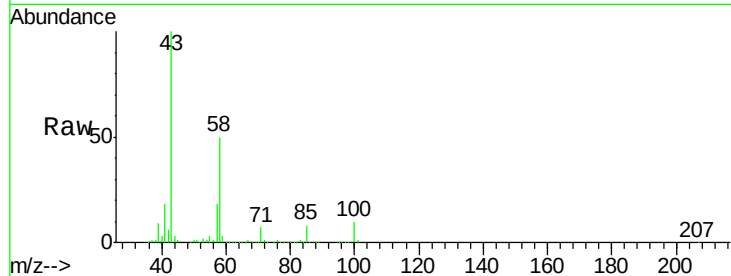
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





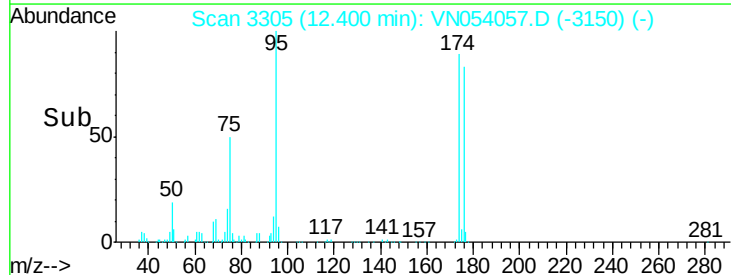
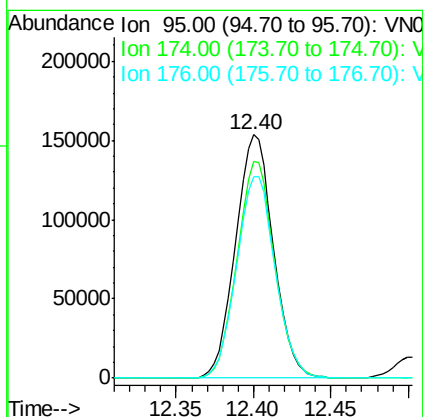
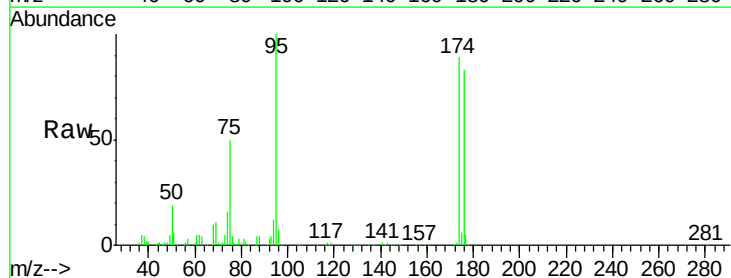
#59
2-Hexanone
Concen: 99.180 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

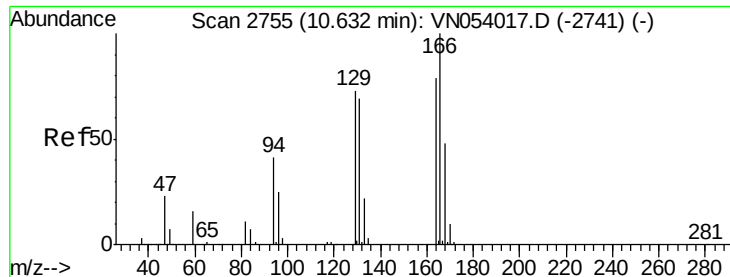
Tot Ion	Ratio	Lower	Upper
43	100		
58	51.0	43.2	64.8
57	17.6	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 99.180 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	67.9	101.9
176	84.6	66.4	99.6





#61

Tetrachloroethene

Concen: 21.462 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

Tot Ion:164 Resp: 170872

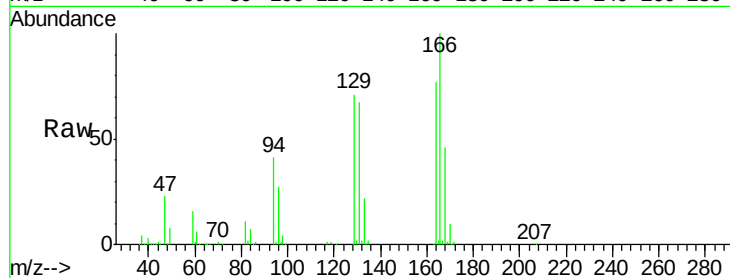
Ion Ratio Lower Upper

164 100

166 129.7 104.6 157.0

129 92.0 75.3 112.9

131 86.3 74.3 111.5

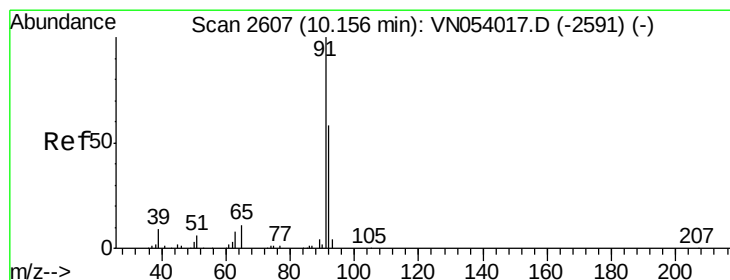
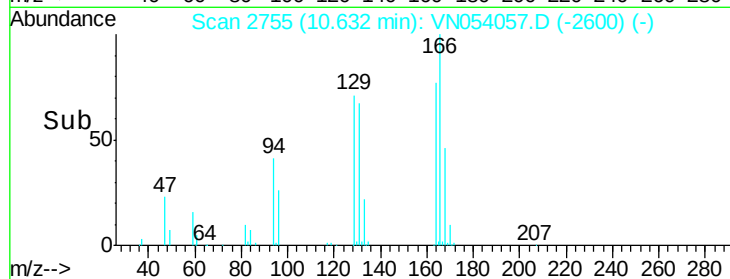
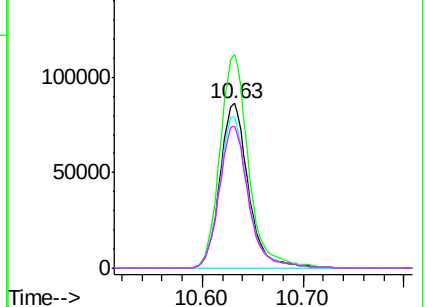


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.385 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054057.D

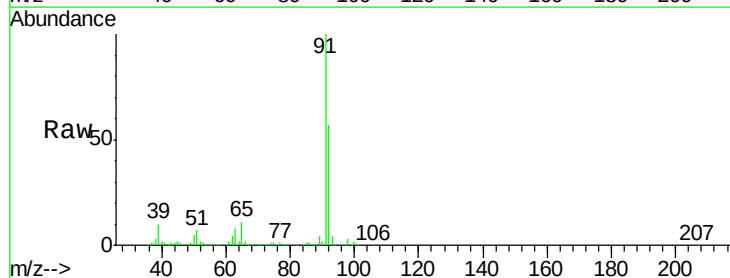
Acq: 4 Mar 2019 9:41

Tgt Ion: 91 Resp: 684465

Ion Ratio Lower Upper

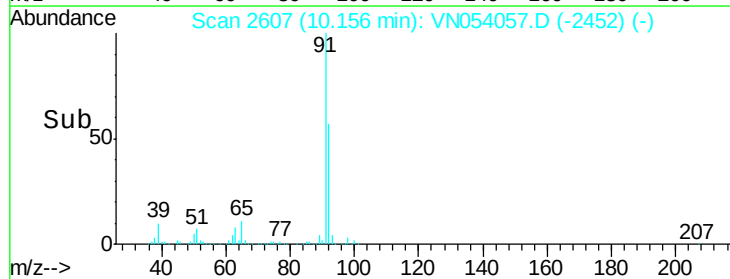
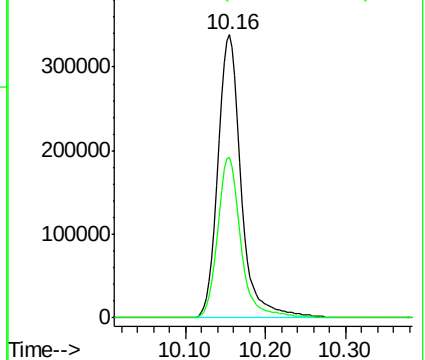
91 100

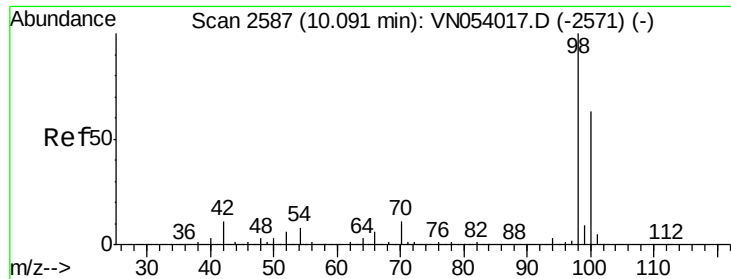
92 56.6 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

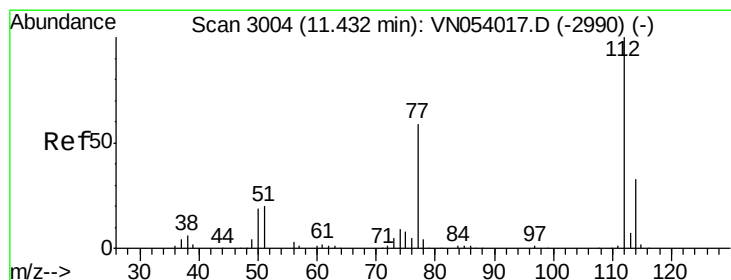
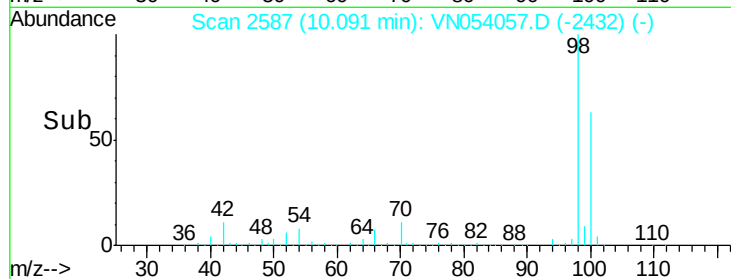
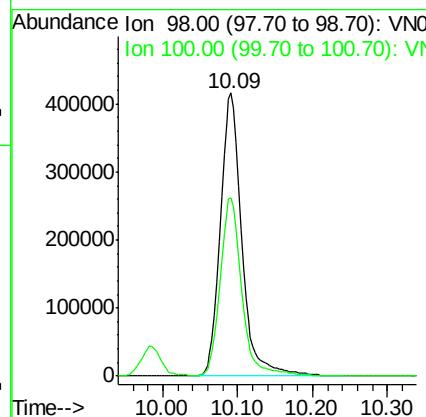
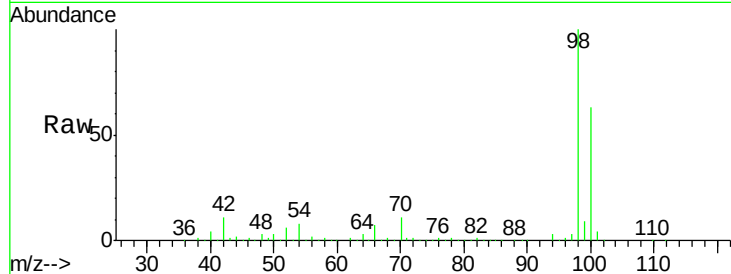
Ion 92.00 (91.70 to 92.70): VN0





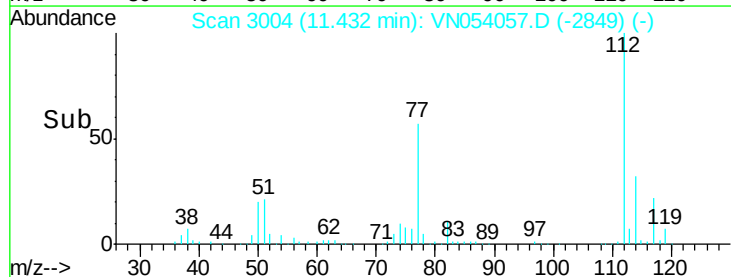
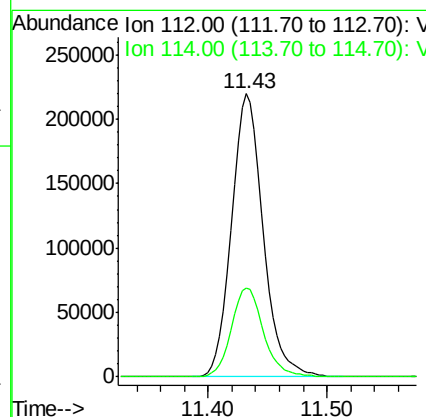
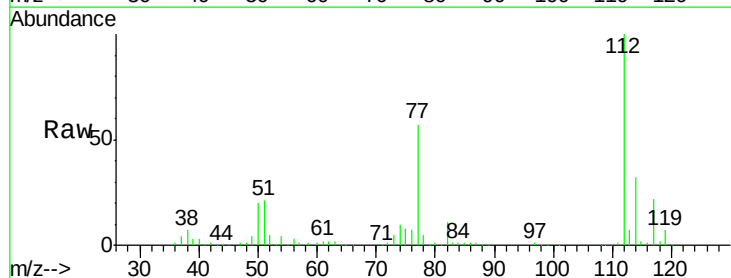
#63
Toluene-d8
Concen: 21.385 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

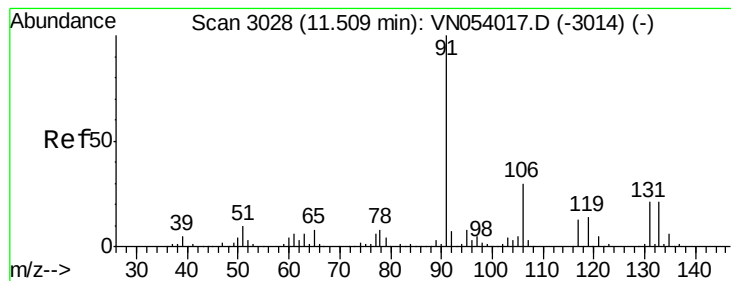
Tot Ion: 98 Resp: 831472
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



#64
Chlorobenzene
Concen: 20.727 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 112 Resp: 403964
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 21.073 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

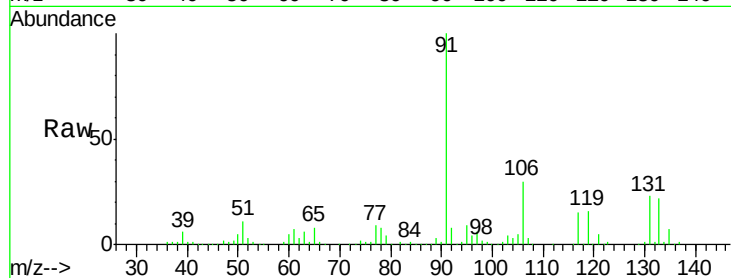
Tot Ion:131 Resp: 150800

Ion Ratio Lower Upper

131 100

133 95.6 0.0 193.4

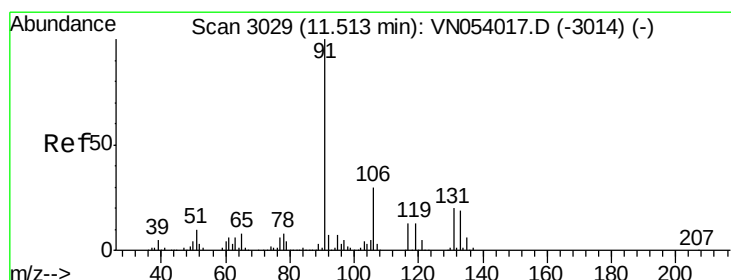
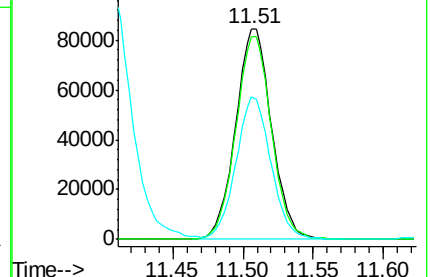
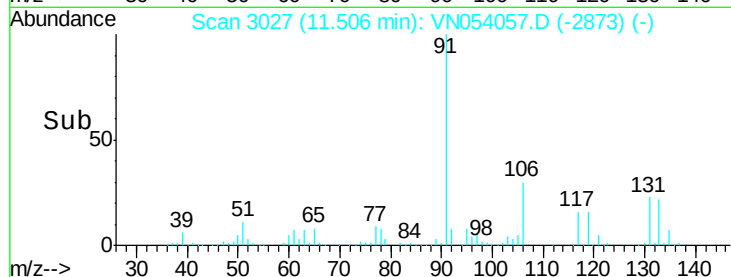
119 65.9 0.0 133.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.940 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054057.D

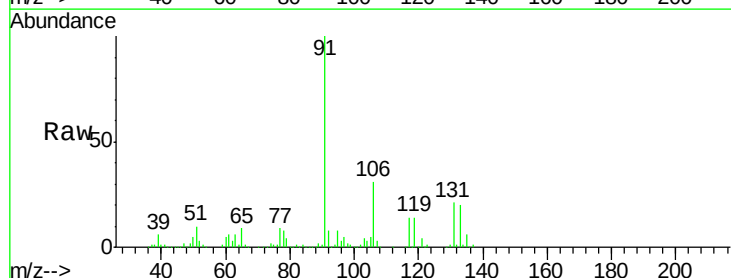
Acq: 4 Mar 2019 9:41

Tgt Ion: 91 Resp: 700560

Ion Ratio Lower Upper

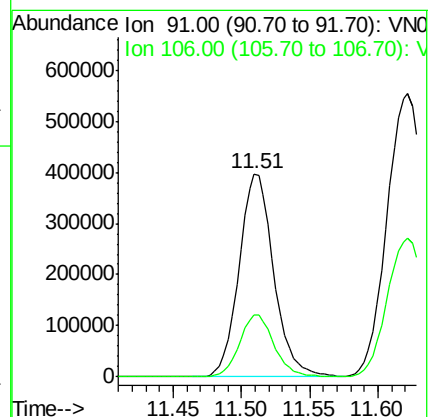
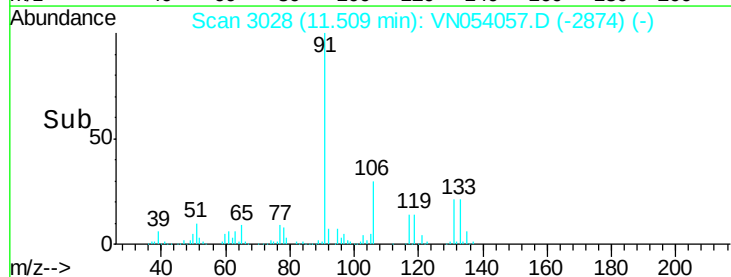
91 100

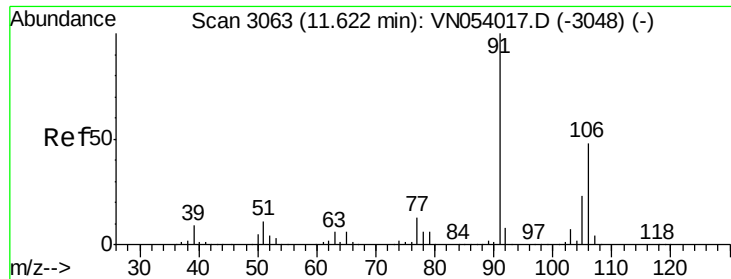
106 30.6 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

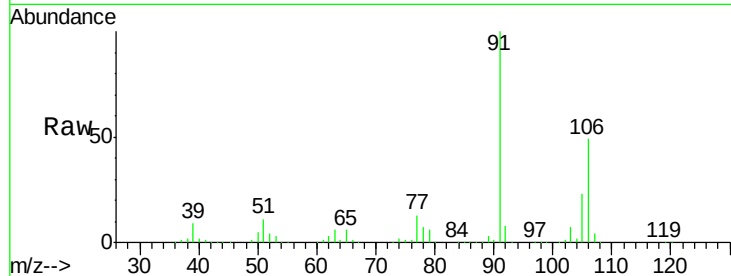
Ion 106.00 (105.70 to 106.70): V



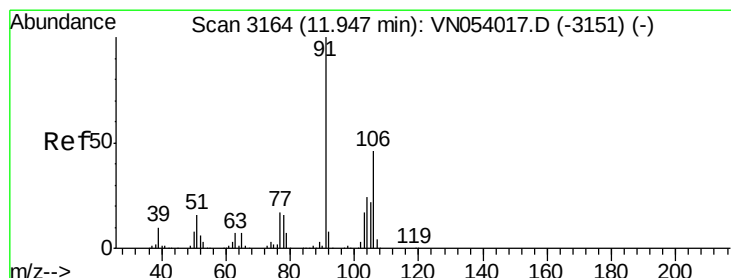
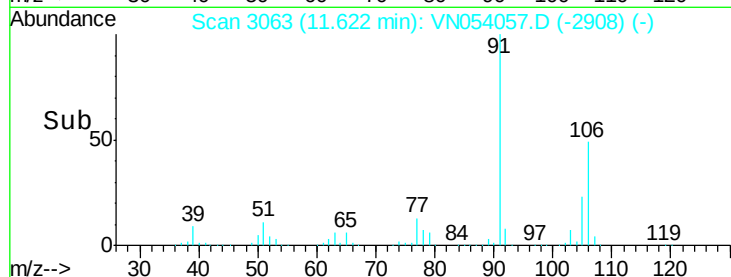
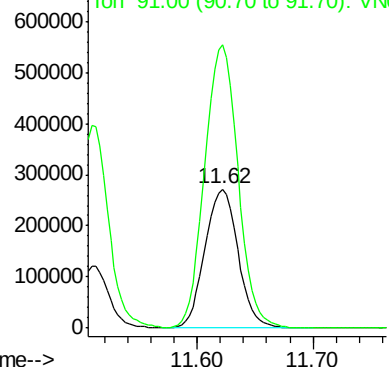


#67
m/p-Xylenes
Concen: 42.796 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tot Ion:106 Resp: 539051
Ion Ratio Lower Upper
106 100
91 204.7 163.9 245.9

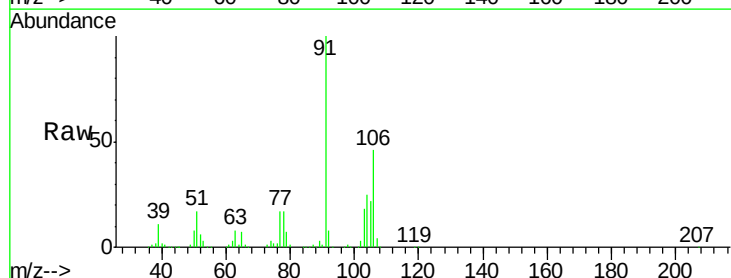


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

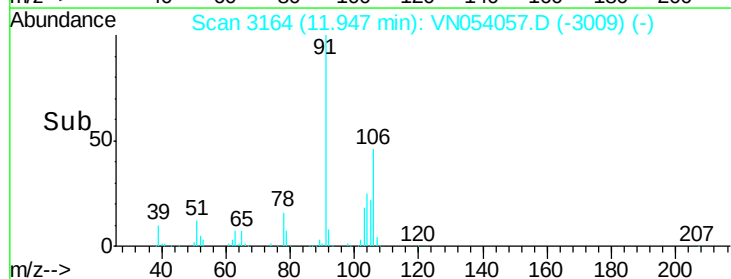
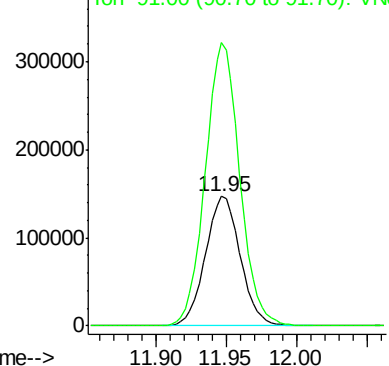


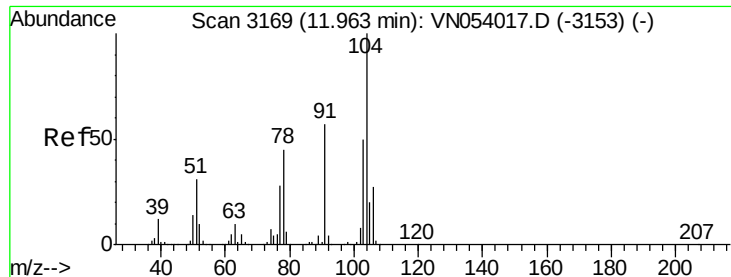
#68
o-Xylene
Concen: 20.892 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054057.D
Acq: 4 Mar 2019 9:41

Tgt Ion:106 Resp: 255098
Ion Ratio Lower Upper
106 100
91 215.7 107.8 323.4



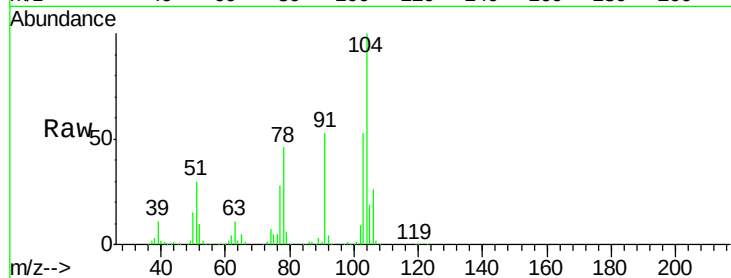
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0



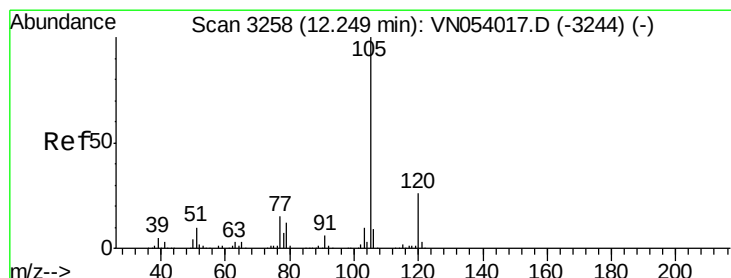
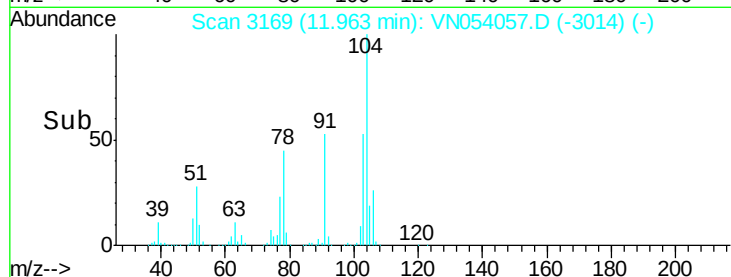
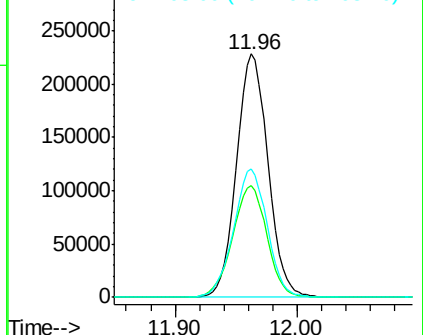


#69
 Stvrene
 Concen: 21.046 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	39.3	58.9
103	56.5	44.6	66.8

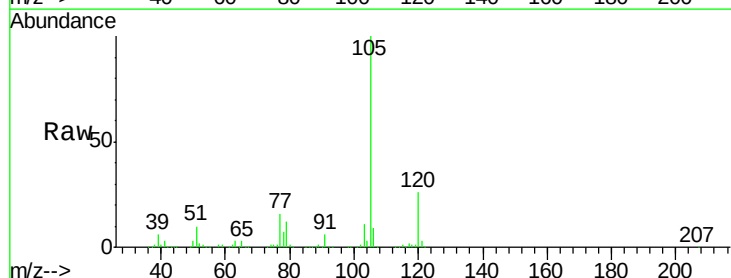


Abundance Ion 104.00 (103.70 to 104.70): V
 Ion 78.00 (77.70 to 78.70): V
 Ion 103.00 (102.70 to 103.70): V

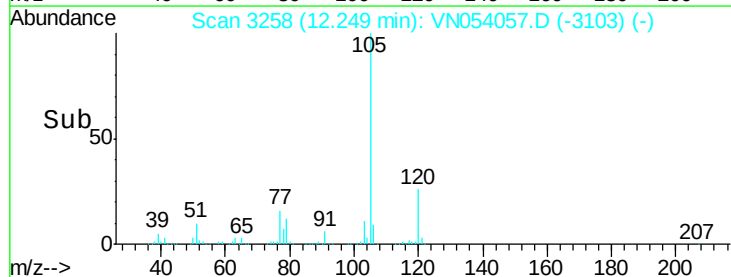
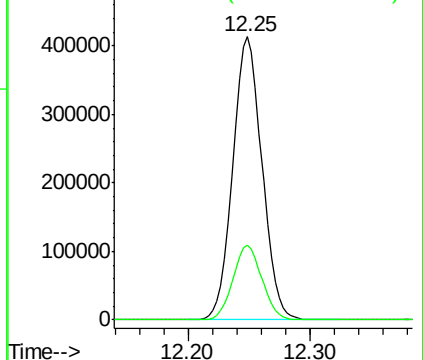


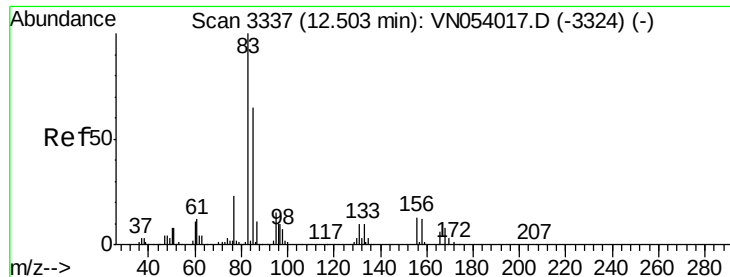
#70
 Isopropylbenzene
 Concen: 21.393 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	18.6	34.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.211 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

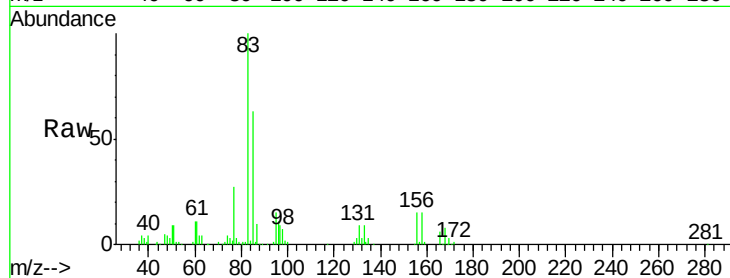
Tot Ion: 83 Resp: 159870

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

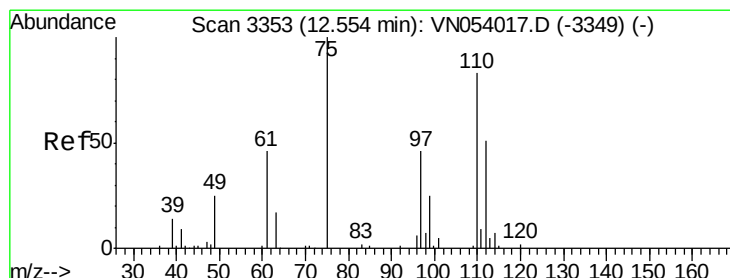
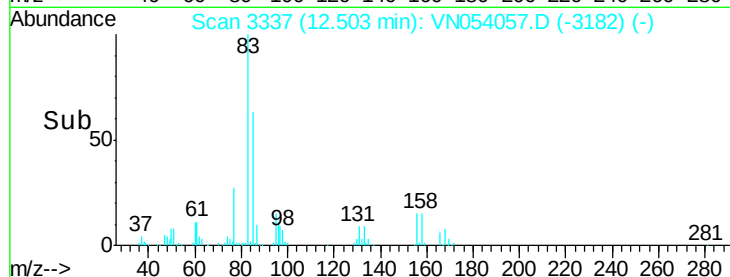
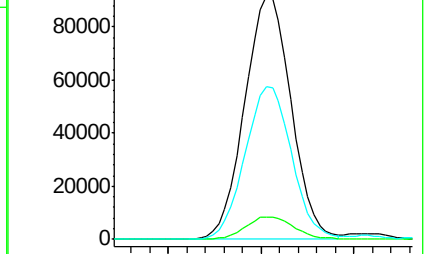
85 63.1 32.2 96.6



Abundance Ion 83.00 (82.70 to 83.70): VN054057.D (-3182) (-)

Ion 131.00 (130.70 to 131.70): VN054057.D (-3182) (-)

Ion 85.00 (84.70 to 85.70): VN054057.D (-3182) (-)



#72

1,2,3-Trichloropropane

Concen: 21.733 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN054057.D

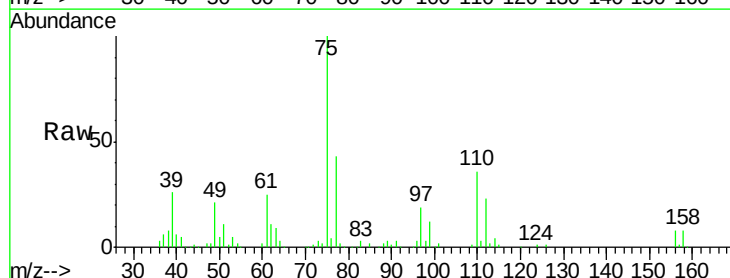
Acq: 4 Mar 2019 9:41

Tgt Ion: 75 Resp: 130527

Ion Ratio Lower Upper

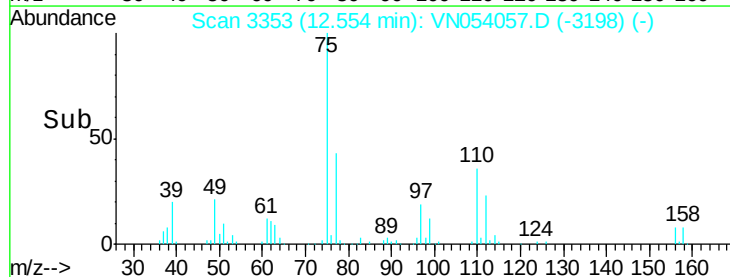
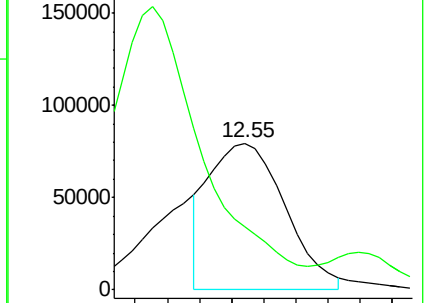
75 100

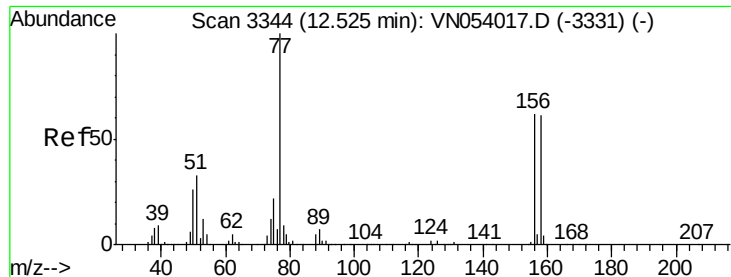
77 240.2 0.0 514.8



Abundance Ion 75.00 (74.70 to 75.70): VN054057.D (-3198) (-)

Ion 77.00 (76.70 to 77.70): VN054057.D (-3198) (-)





#73

Bromobenzene

Concen: 20.505 ug/l

RT: 12.53 min Scan# 3344

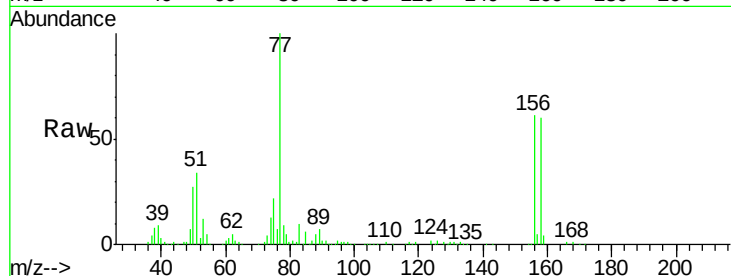
Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

Tot Ion:156 Resp: 165672

Ion	Ratio	Lower	Upper
156	100		
77	189.2	0.0	382.6
158	98.3	0.0	196.8

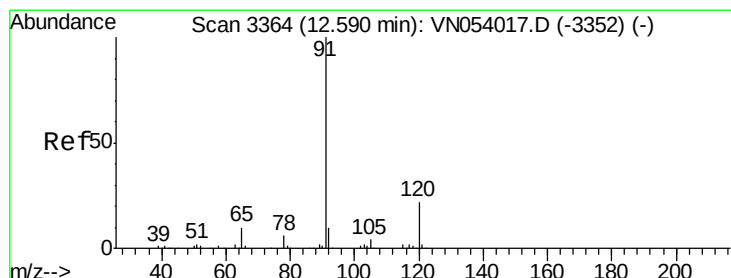
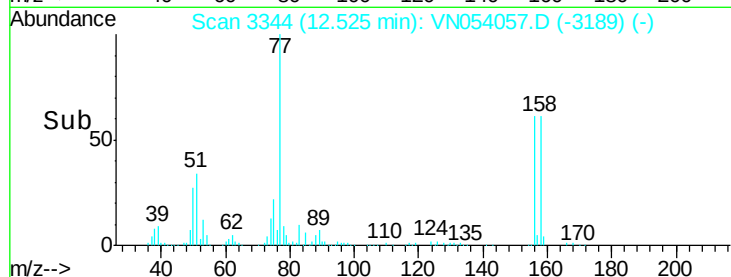
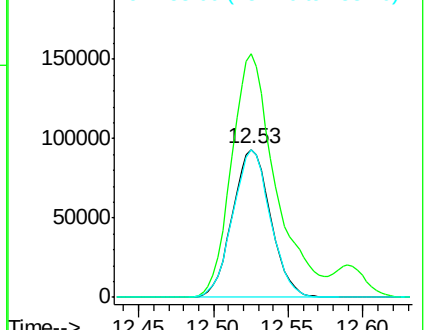


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.108 ug/l

RT: 12.59 min Scan# 3364

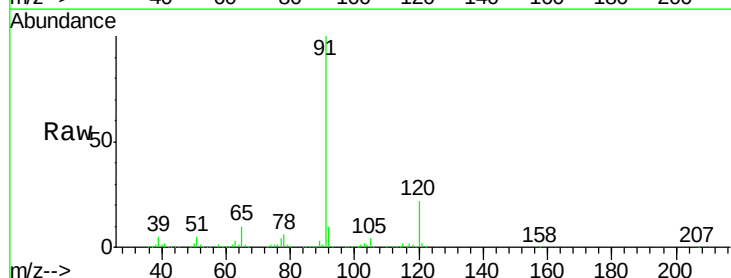
Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

Tgt Ion: 91 Resp: 805496

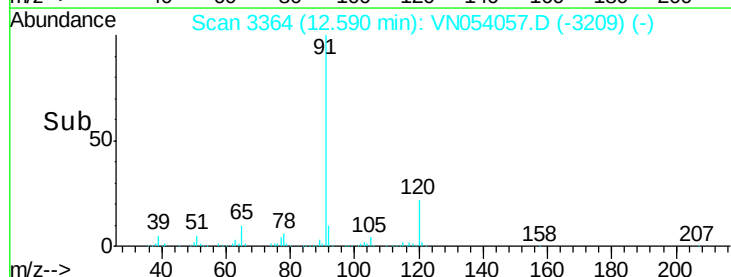
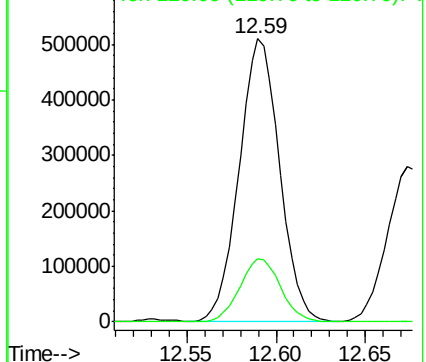
Ion	Ratio	Lower	Upper
91	100		
120	22.4	0.0	44.6

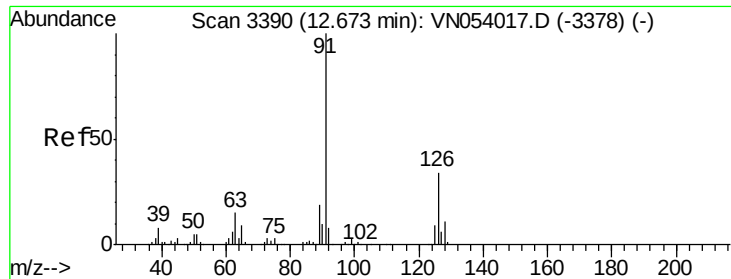


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.237 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054057.D

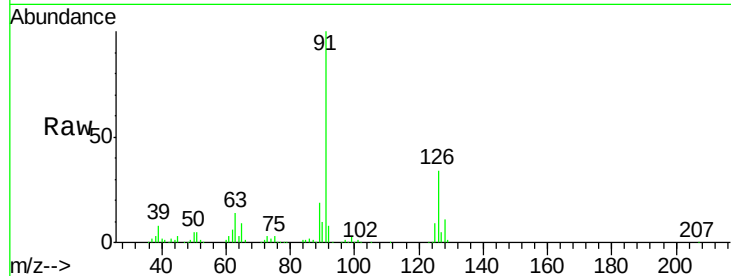
Acq: 4 Mar 2019 9:41

Tot Ion: 91 Resp: 474567

Ion Ratio Lower Upper

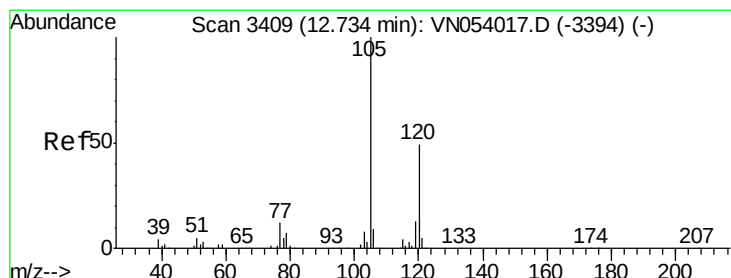
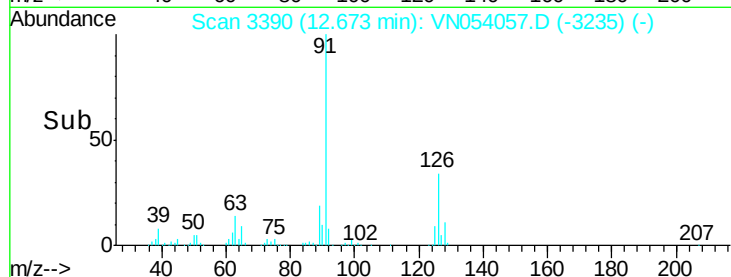
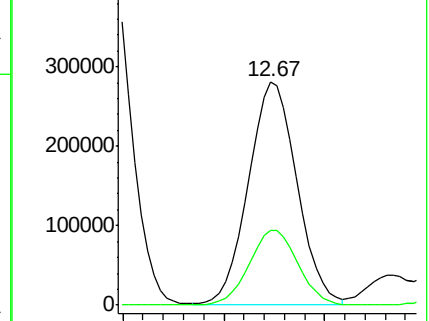
91 100

126 33.7 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN054017.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN054017.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 21.160 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054057.D

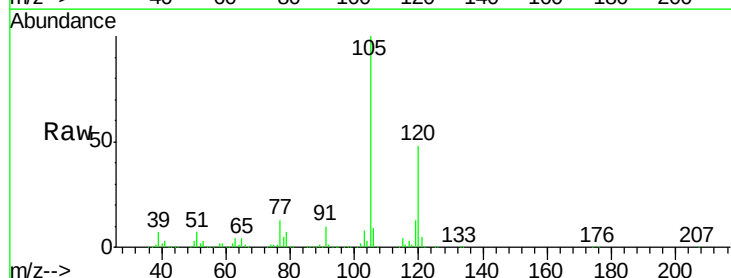
Acq: 4 Mar 2019 9:41

Tgt Ion: 105 Resp: 574416

Ion Ratio Lower Upper

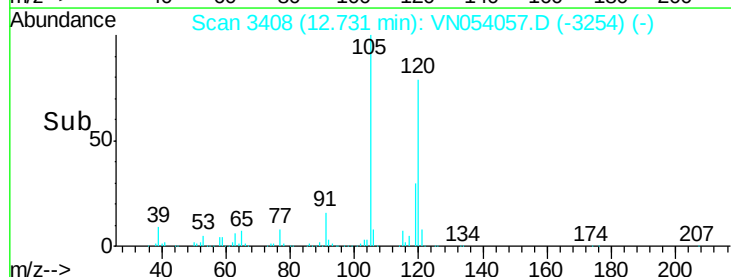
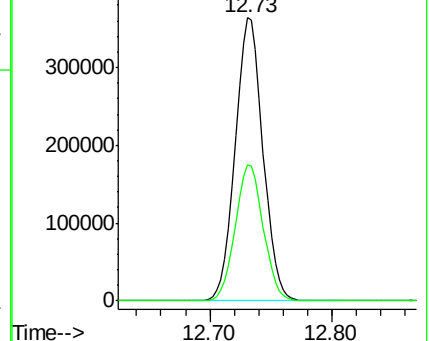
105 100

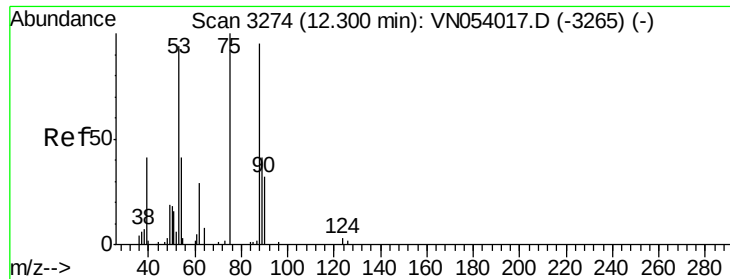
120 48.6 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VN054017.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054017.D (-3394) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.376 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

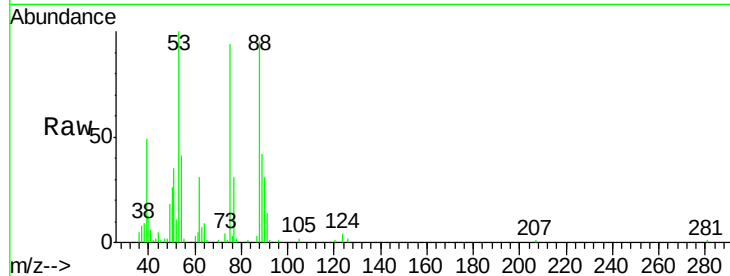
Tot Ion: 75 Resp: 39273

Ion	Ratio	Lower	Upper
75	100		
53	106.3	48.5	145.6
89	44.7	21.7	65.1

75 100

53 106.3 48.5 145.6

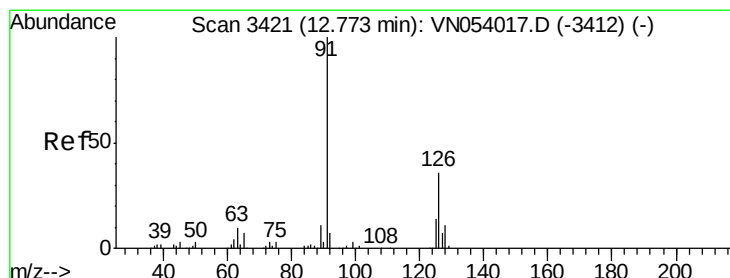
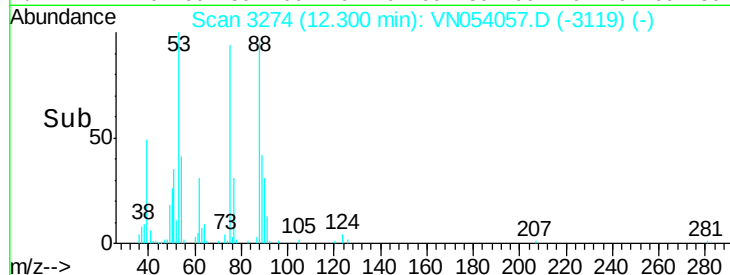
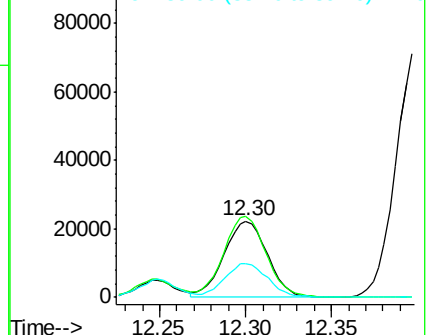
89 44.7 21.7 65.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 20.828 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054057.D

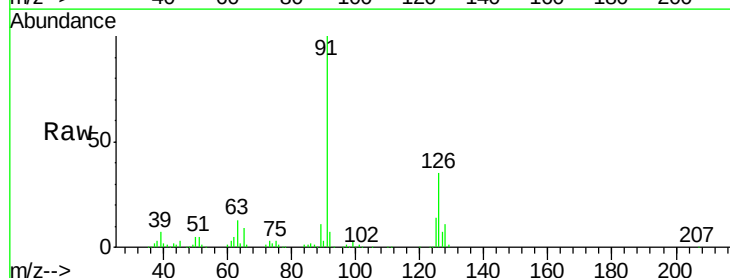
Acq: 4 Mar 2019 9:41

Tgt Ion: 91 Resp: 465740

Ion	Ratio	Lower	Upper
91	100		
126	33.8	0.0	68.2

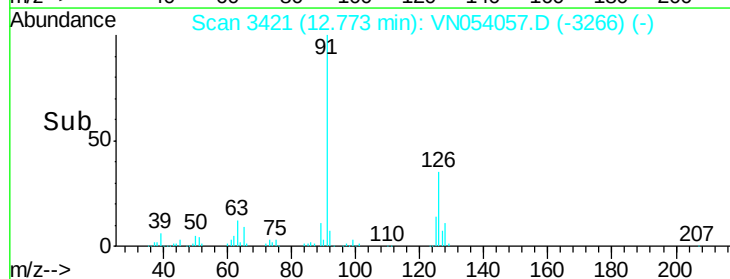
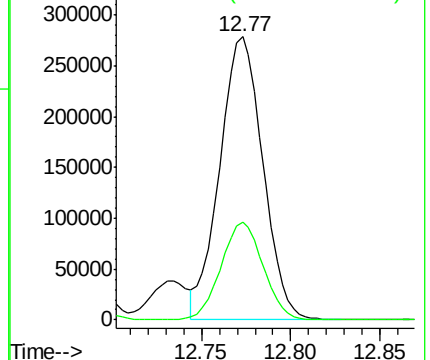
91 100

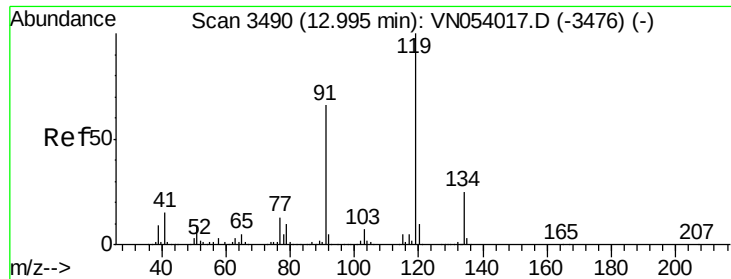
126 33.8 0.0 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

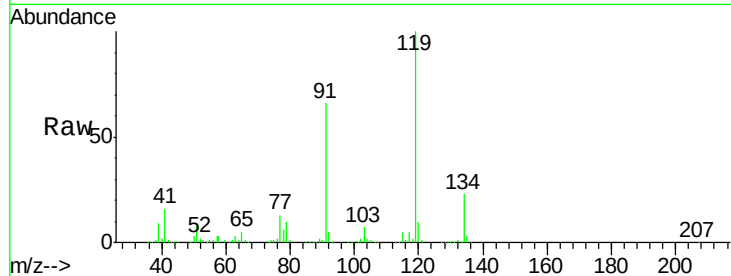
Ion 126.00 (125.70 to 126.70): V



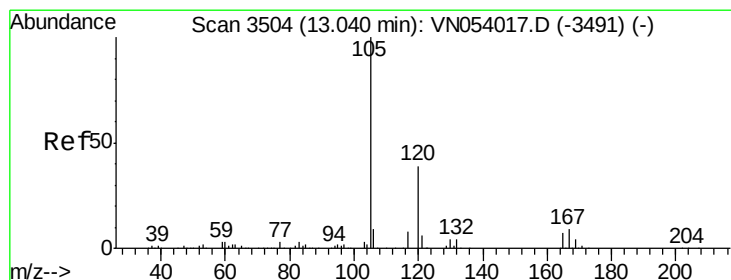
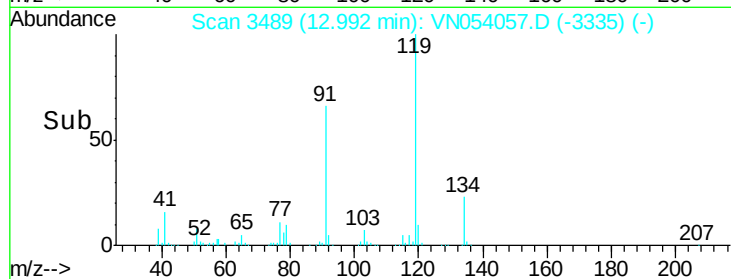
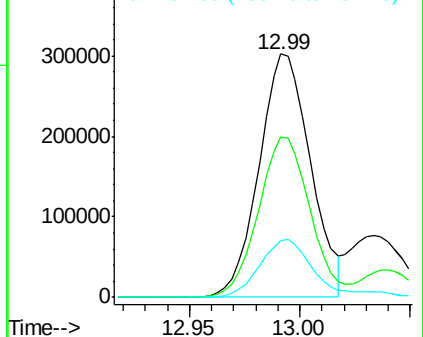


#79
 tert-butylbenzene
 Concen: 20.591 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tot Ion:119 Resp: 489809
 Ion Ratio Lower Upper
 119 100
 91 65.8 0.0 129.8
 134 25.7 0.0 52.2

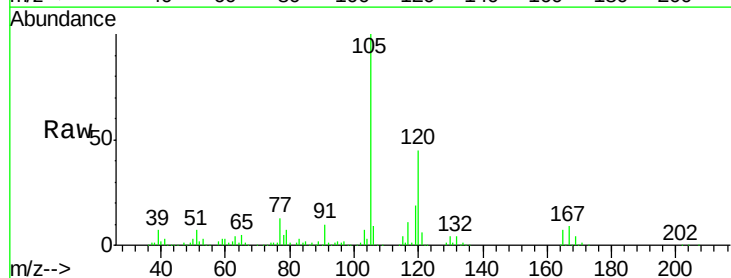


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

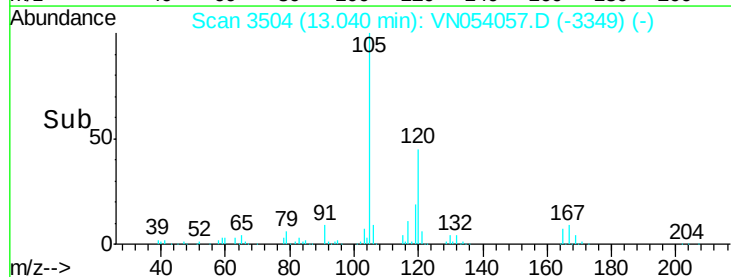
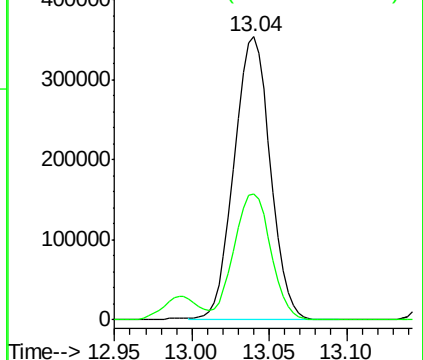


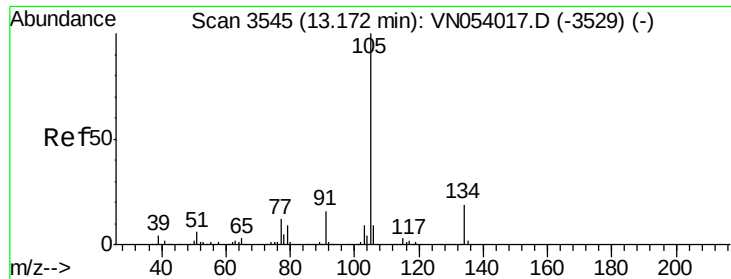
#80
 1,2,4-Trimethylbenzene
 Concen: 21.267 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tgt Ion:105 Resp: 574589
 Ion Ratio Lower Upper
 105 100
 120 45.6 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 21.065 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054057.D

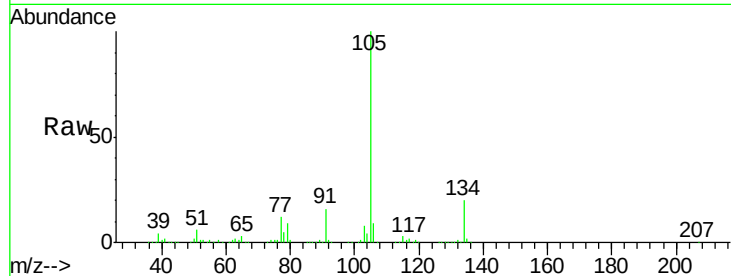
Acq: 4 Mar 2019 9:41

Tot Ion:105 Resp: 687227

Ion Ratio Lower Upper

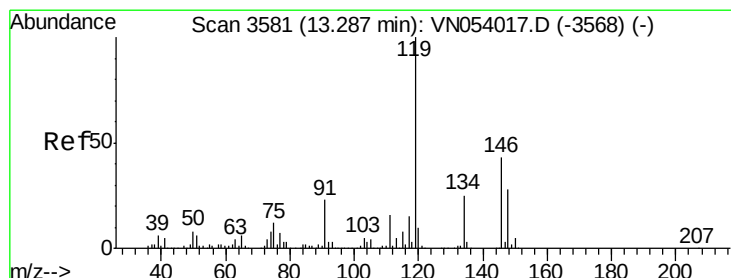
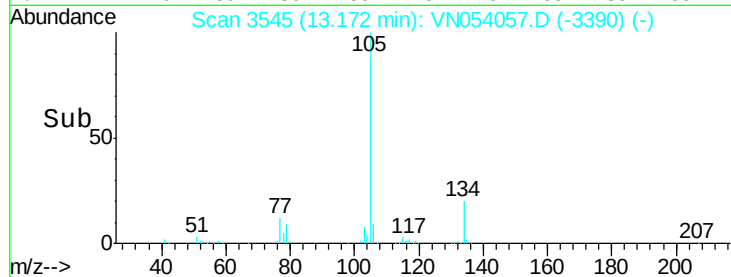
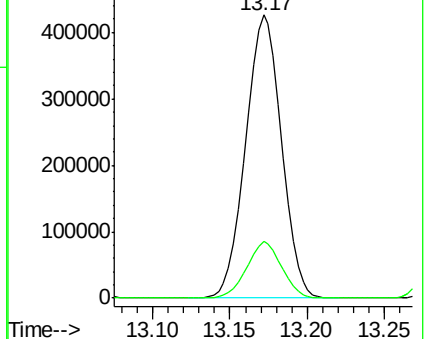
105 100

134 19.5 0.0 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.884 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

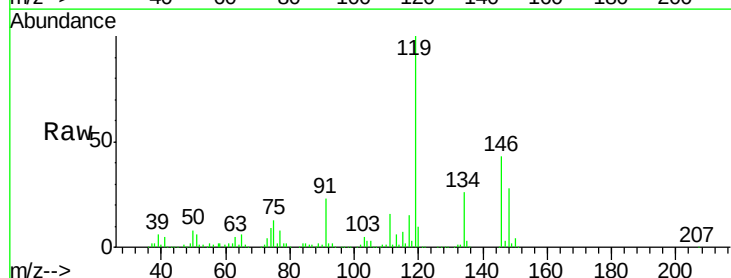
Tgt Ion:119 Resp: 581752

Ion Ratio Lower Upper

119 100

134 26.2 0.0 52.6

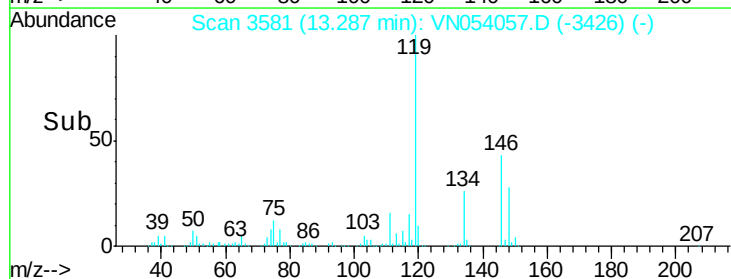
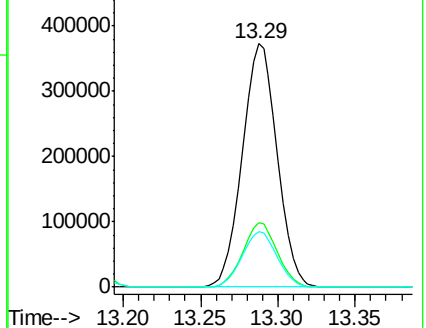
91 22.8 0.0 46.2

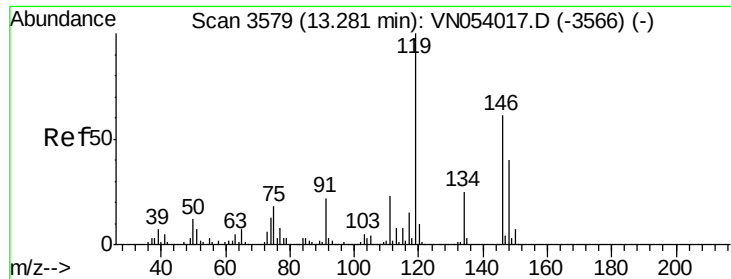


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

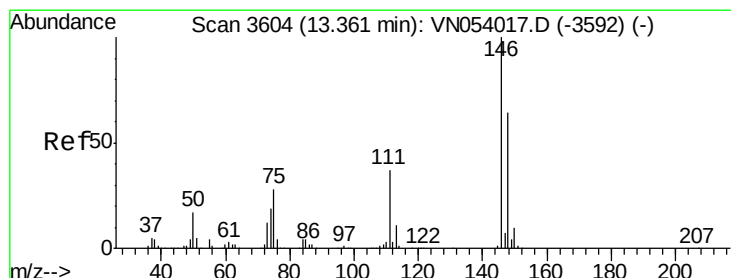
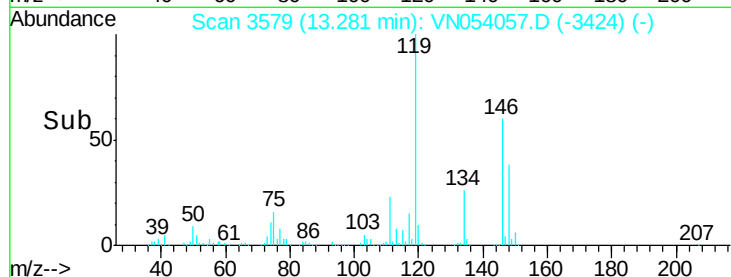
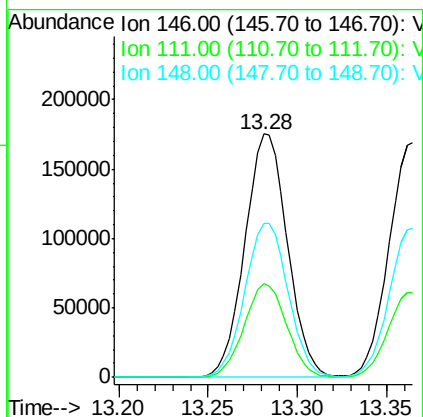
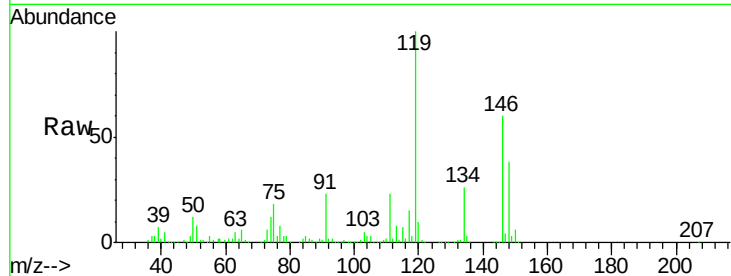
Ion 91.00 (90.70 to 91.70): V





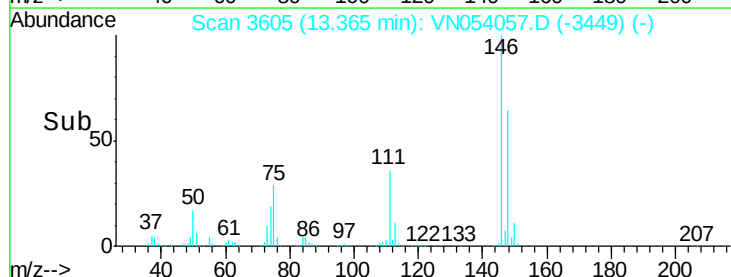
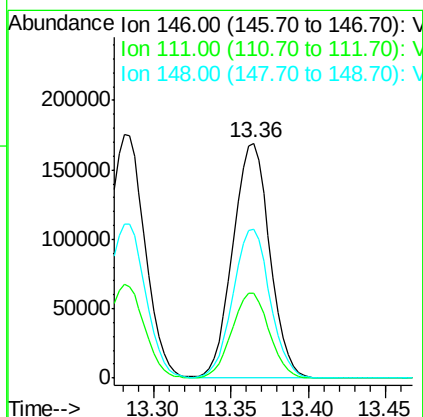
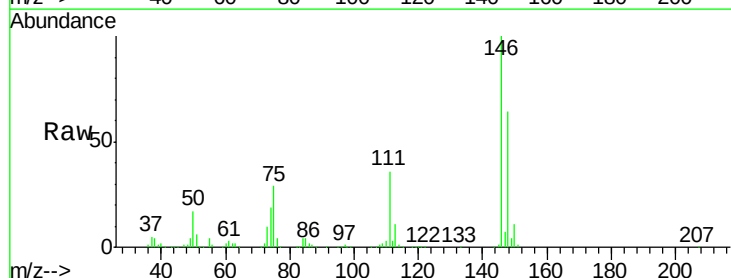
#83
 1,3-Dichlorobenzene
 Concen: 20.521 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

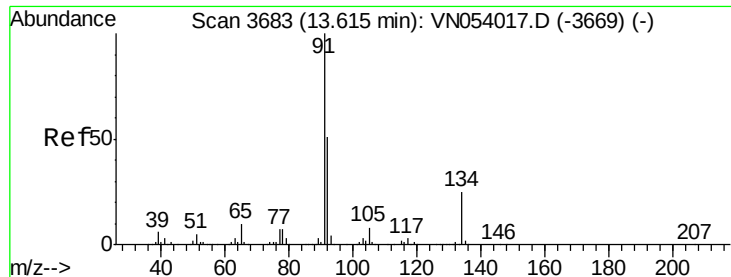
Tot Ion:146 Resp: 292452
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.7 59.0
 148 64.6 32.3 96.8



#84
 1,4-Dichlorobenzene
 Concen: 20.663 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tgt Ion:146 Resp: 281153
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.8 56.3
 148 63.7 32.5 97.4





#85

n-Butylbenzene

Concen: 19.746 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

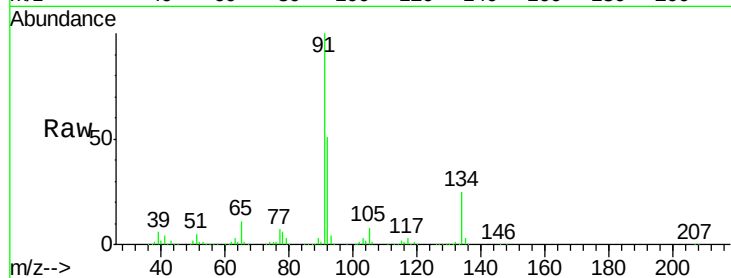
Tot Ion: 91 Resp: 479398

Ion Ratio Lower Upper

91 100

92 51.7 0.0 104.2

134 24.7 0.0 50.6



Abundance Ion 91.00 (90.70 to 91.70): VN054017.D (-3669) (-)

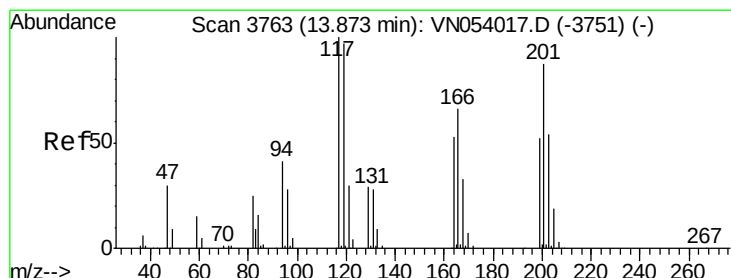
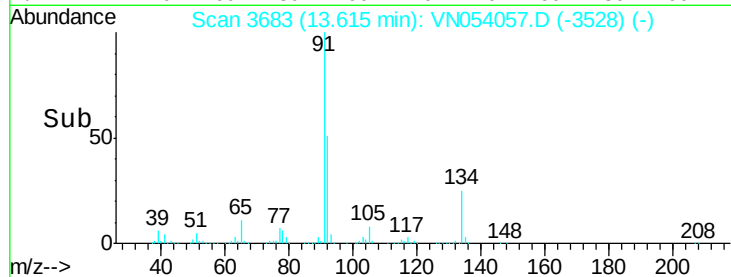
Ion 92.00 (91.70 to 92.70): VN054017.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN054017.D (-3669) (-)

Time-->

13.62

13.60 13.70



#86

Hexachloroethane

Concen: 20.248 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054057.D

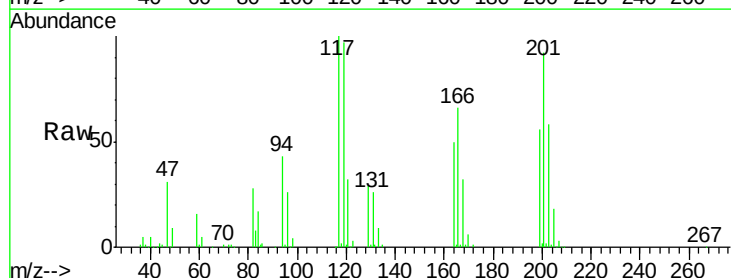
Acq: 4 Mar 2019 9:41

Tgt Ion: 117 Resp: 105455

Ion Ratio Lower Upper

117 100

201 87.8 43.8 131.3



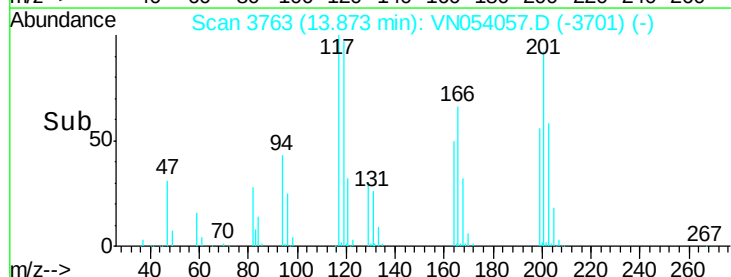
Abundance Ion 117.00 (116.70 to 117.70): VN054017.D (-3751) (-)

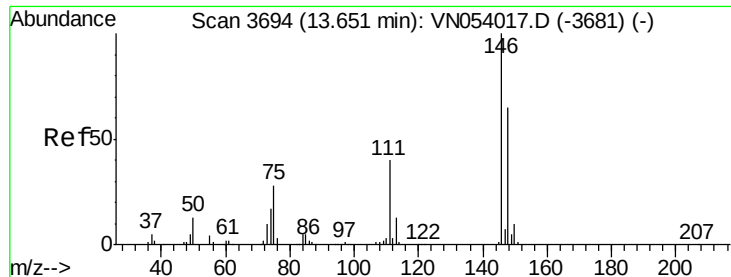
Ion 201.00 (200.70 to 201.70): VN054017.D (-3751) (-)

Time-->

13.87

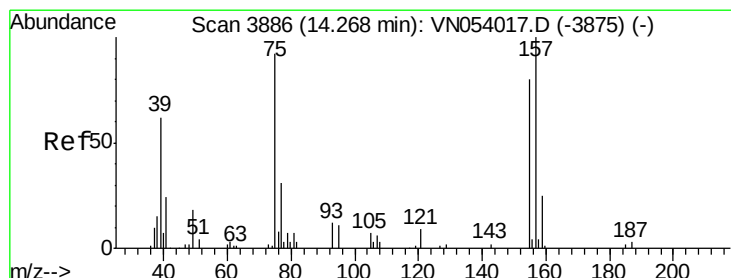
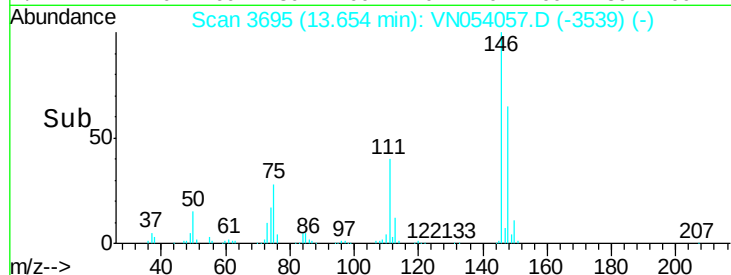
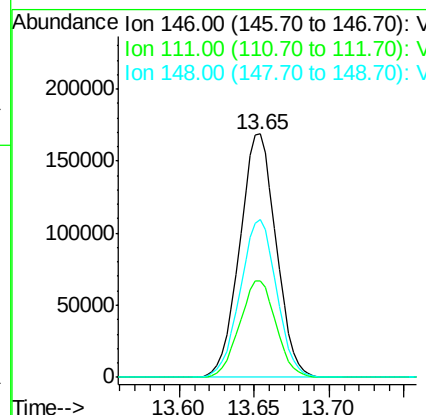
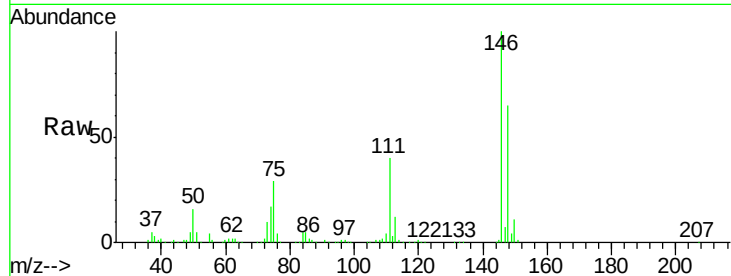
13.80 13.85 13.90





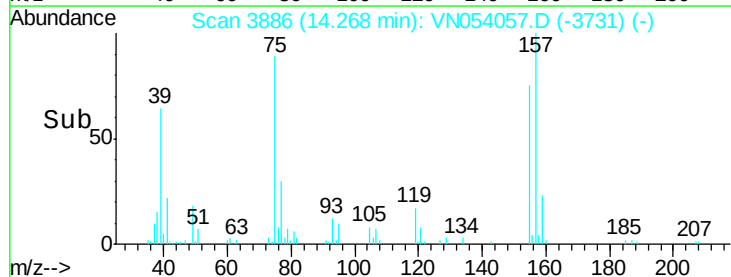
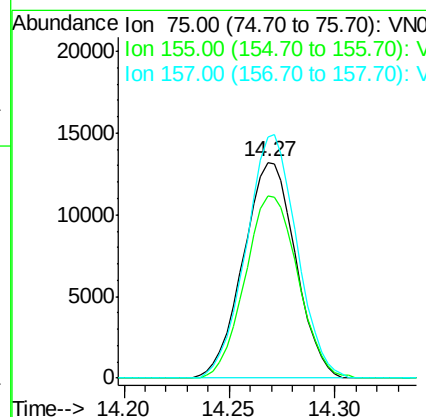
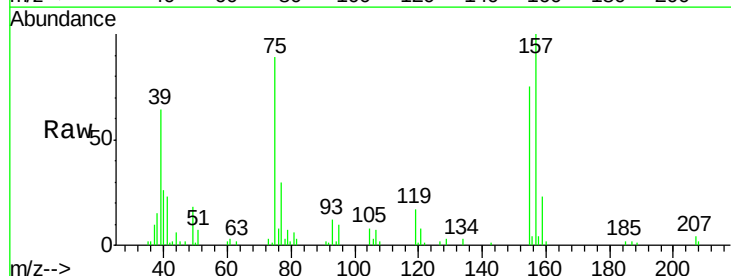
#87
 1,2-Dichlorobenzene
 Concen: 20.691 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

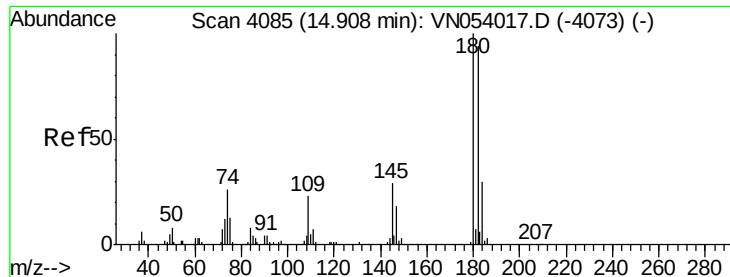
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	64.9	32.1	96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.893 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

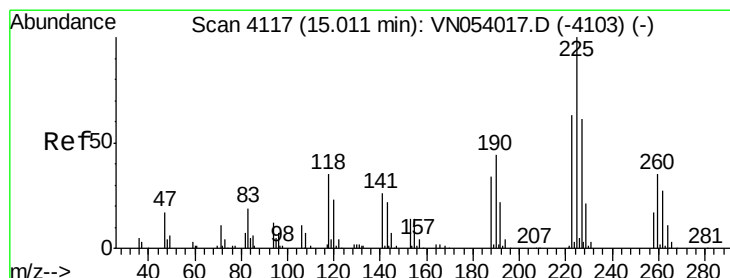
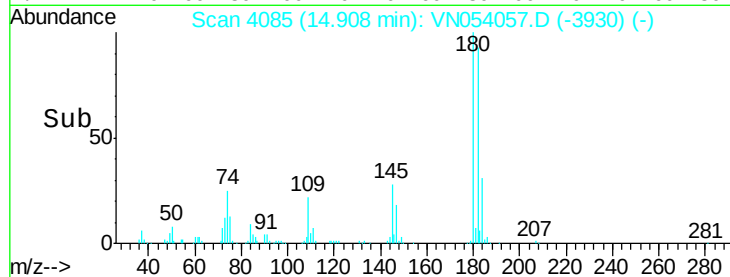
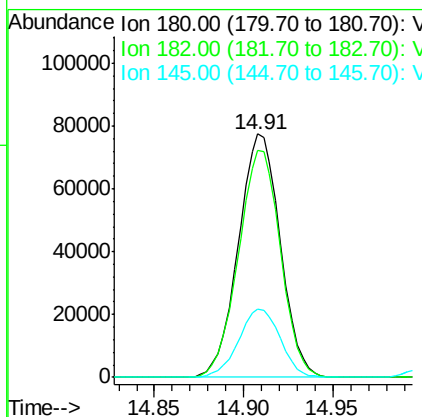
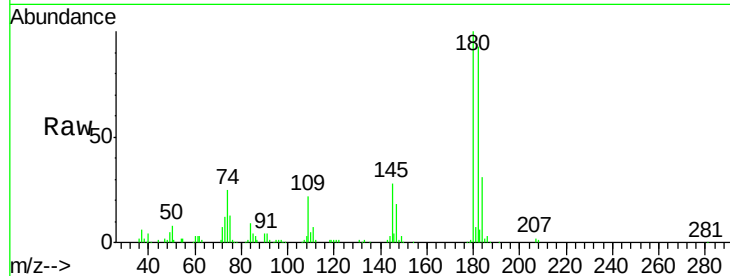
Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	72.2	108.2
157	109.5	94.2	141.2





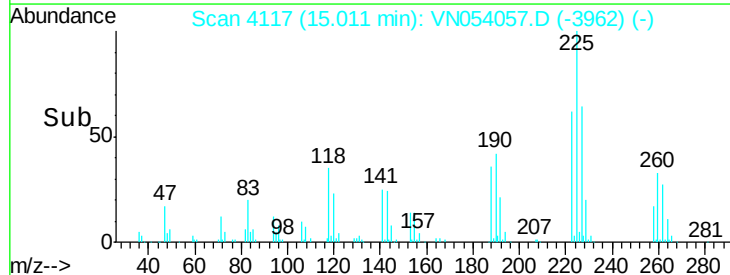
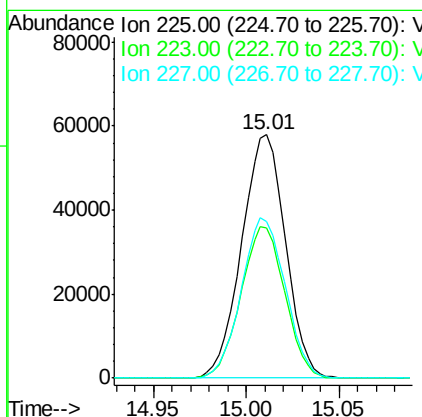
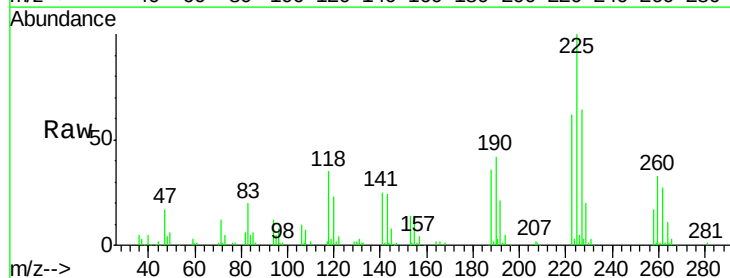
#89
 1,2,4-Trichlorobenzene
 Concen: 18.003 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

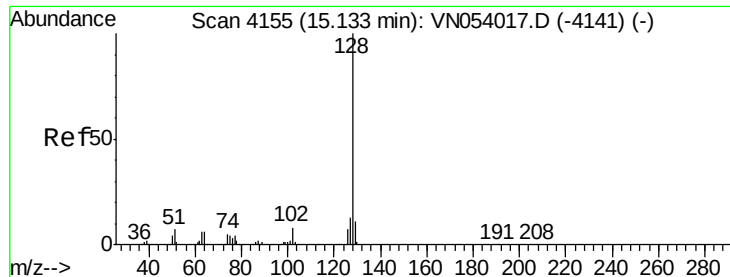
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.6	114.8
145	28.1	23.6	35.4



#90
 Hexachlorobutadiene
 Concen: 18.626 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN054057.D
 Acq: 4 Mar 2019 9:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	125.6
227	65.8	0.0	127.8





#91

Naphthalene

Concen: 18.854 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

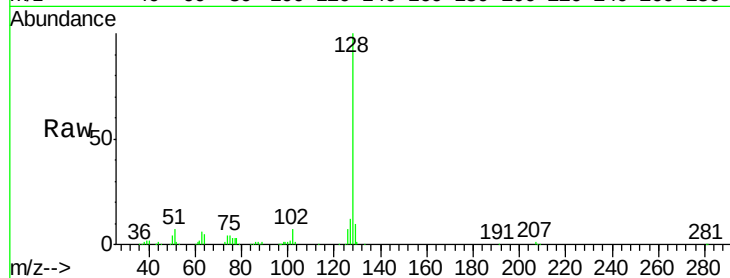
Tot Ion:128 Resp: 227587

Ion Ratio Lower Upper

128 100

127 12.7 9.9 14.9

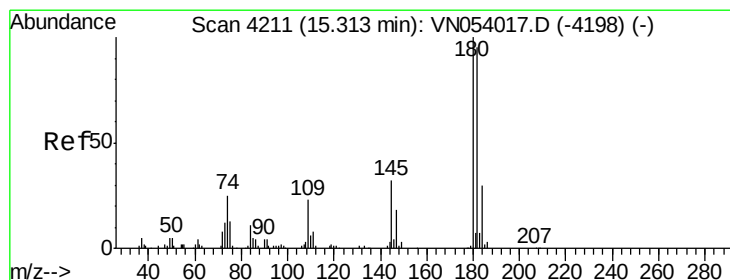
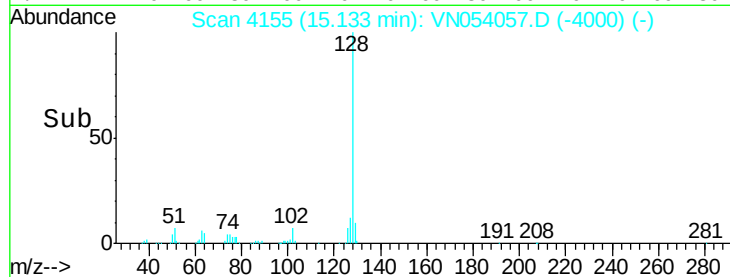
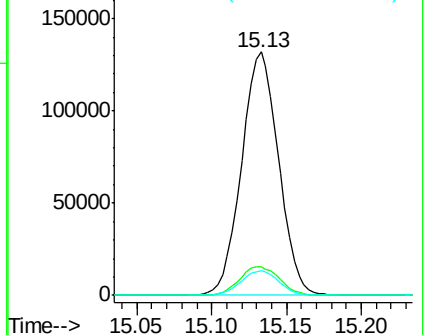
129 10.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.576 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054057.D

Acq: 4 Mar 2019 9:41

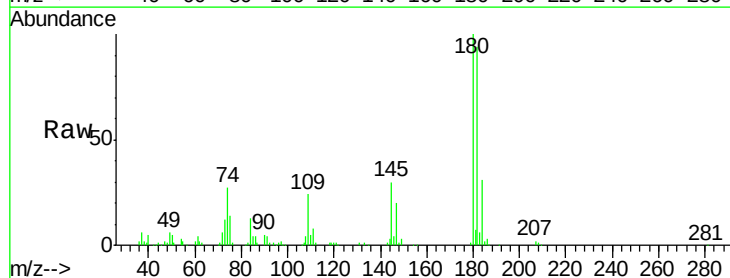
Tgt Ion:180 Resp: 121869

Ion Ratio Lower Upper

180 100

182 95.7 0.0 196.2

145 31.3 0.0 62.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

