

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054062.D
 Acq On : 4 Mar 2019 13:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 04 23:27:08 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	113803	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	618394	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	519129	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	241216	30.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.60%
60) 4-Bromofluorobenzene	12.40	95	239398	30.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.43%
63) Toluene-d8	10.09	98	768585	30.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	131732	20.473	ug/l 98
3) Chloromethane	2.06	50	176166	20.582	ug/l 98
4) Vinyl Chloride	2.18	62	173930	20.293	ug/l 97
5) Bromomethane	2.57	94	106291	20.160	ug/l 96
6) Chloroethane	2.70	64	102317	20.276	ug/l 99
7) Trichlorofluoromethane	3.02	101	219815	21.109	ug/l 99
8) Diethyl Ether	3.41	74	78068	19.934	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	139277	20.803	ug/l 98
10) 1,1-Dichloroethene	3.74	96	128008	20.407	ug/l 96
11) Methyl Iodide	3.95	142	170290	18.302	ug/l 98
12) Methyl Acetate	4.32	43	110335	20.861	ug/l 93
13) Acrolein	3.61	56	22771	58.820	ug/l 98
14) Acrylonitrile	4.99	53	255578	100.558	ug/l 98
15) Acetone	3.81	58	28313	38.655	ug/l 92
16) Carbon Disulfide	4.05	76	412179	20.252	ug/l 99
17) Allyl chloride	4.32	41	230378	20.767	ug/l 98
18) Methylene Chloride	4.55	84	149741	20.672	ug/l 98
19) trans-1,2-Dichloroethene	5.04	96	141447	20.785	ug/l 94
20) Diisopropyl ether	5.95	45	452340	20.383	ug/l 97
21) 1,1-Dichloroethane	5.85	63	272987	20.829	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	152915	20.184	ug/l 97
23) tert-Butyl Alcohol	4.78	59	48043	105.536	ug/l # 100
24) Methyl tert-Butyl Ether	5.04	73	344459	20.284	ug/l 99
25) Chloroform	7.37	83	262722	20.776	ug/l 100
26) Cyclohexane	7.65	56	246069	20.630	ug/l # 96
29) 1,1-Dichloropropene	7.79	75	203862	21.046	ug/l 98
30) 2-Butanone	6.84	43	285853	93.466	ug/l # 96
31) 2,2-Dichloropropane	6.82	77	182353	19.092	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	214524	20.590	ug/l 99
33) Carbon Tetrachloride	7.77	117	186671	20.236	ug/l 97
34) Benzene	8.04	78	596441	20.719	ug/l 100
35) Methacrylonitrile	7.17	41	67976	19.878	ug/l 95
36) 1,2-Dichloroethane	8.12	62	190433	20.601	ug/l 100
37) Trichloroethene	8.83	130	155665	20.715	ug/l 100
38) Methylcyclohexane	9.08	83	227735	19.920	ug/l 99
39) 1,2-Dichloropropane	9.12	63	164384	20.844	ug/l 96
40) Dibromomethane	9.21	93	92035	20.357	ug/l 99

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

41) Bromodichloromethane	9.40	83	197580	20.597	ug/l	98
42) Vinyl Acetate	5.90	43	1562328	98.880	ug/l	100
43) Ethyl Acetate	6.93	43	115789	18.075	ug/l #	85
44) Isopropyl Acetate	8.16	43	220014	19.573	ug/l	92
45) 1,4-Dioxane	9.20	88	29619	447.632	ug/l	94
46) Methyl methacrylate	9.20	41	105044	19.455	ug/l	97
47) n-amyl Acetate	12.07	43	158379	19.180	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	181978	18.920	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	222512	19.702	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	128555	20.271	ug/l	99
51) Ethyl methacrylate	10.43	69	143580	18.807	ug/l	99
52) 1,3-Dichloropropane	10.71	76	220480	20.257	ug/l	99
53) Dibromochloromethane	10.90	129	137988	19.801	ug/l	98
54) 1,2-Dibromoethane	11.00	107	120601	19.964	ug/l	96
55) 2-Chloroethyl vinyl ether	9.70	63	340019	95.973	ug/l	99
56) Bromoform	12.13	173	88865	19.206	ug/l	100
58) 4-Methyl-2-Pentanone	9.98	43	589803	100.828	ug/l	98
59) 2-Hexanone	10.75	43	367163	96.069	ug/l	98
61) Tetrachloroethene	10.63	164	156165	21.639	ug/l	98
62) Toluene	10.16	91	613063	21.131	ug/l	100
64) Chlorobenzene	11.43	112	363508	20.576	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	136214	20.998	ug/l	97
66) Ethyl Benzene	11.51	91	622613	20.530	ug/l	99
67) m/p-Xylenes	11.62	106	486658	42.623	ug/l	99
68) o-Xylene	11.95	106	233072	21.058	ug/l	99
69) Styrene	11.96	104	362991	20.712	ug/l	99
70) Isopropylbenzene	12.25	105	612034	21.069	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	144878	20.206	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	174653	32.080	ug/l	46
73) Bromobenzene	12.53	156	147633	20.157	ug/l	99
74) n-propylbenzene	12.59	91	723094	20.904	ug/l	99
75) 2-Chlorotoluene	12.67	91	425531	21.007	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	519789	21.124	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	34762	17.943	ug/l	95
78) 4-Chlorotoluene	12.77	91	414879	20.468	ug/l	99
79) tert-butylbenzene	12.99	119	451145	20.923	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	518675	21.178	ug/l	99
81) sec-Butylbenzene	13.17	105	626601	21.189	ug/l	99
82) p-Isopropyltoluene	13.29	119	526096	20.835	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	264139	20.447	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	251395	20.382	ug/l	99
85) n-Butylbenzene	13.62	91	435772	19.801	ug/l	99
86) Hexachloroethane	13.87	117	94121	19.937	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	256949	20.509	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	21732	20.949	ug/l	94
89) 1,2,4-Trichlorobenzene	14.91	180	120373	18.912	ug/l	99
90) Hexachlorobutadiene	15.01	225	90556	19.582	ug/l	99
91) Naphthalene	15.13	128	222475	19.782	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	117210	18.648	ug/l	99

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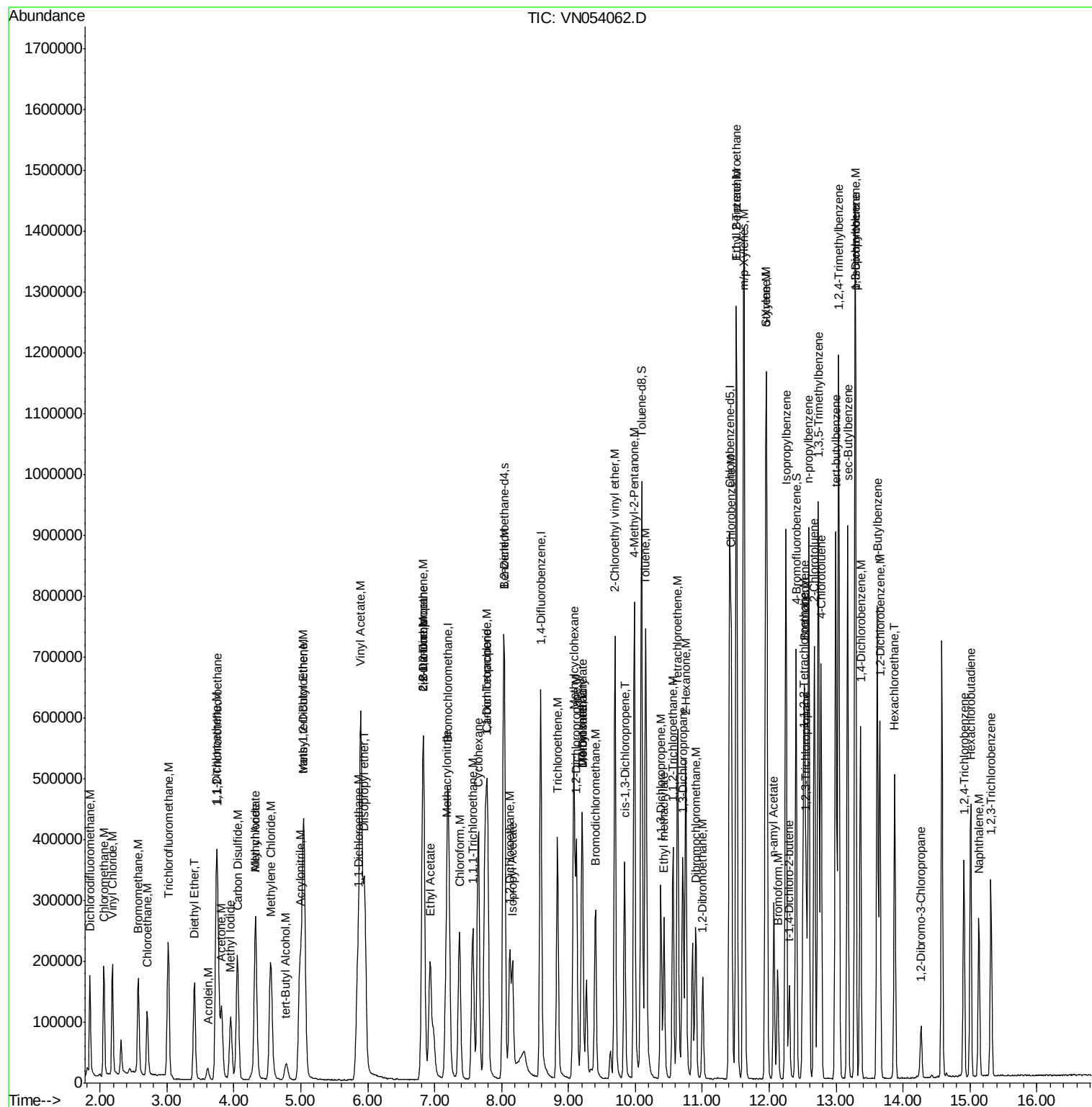
Quant Time: Mar 04 23:27:08 2019
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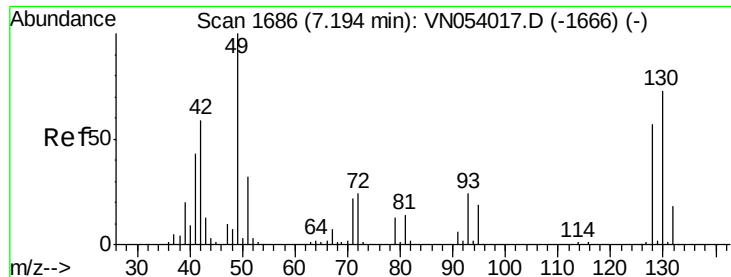
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

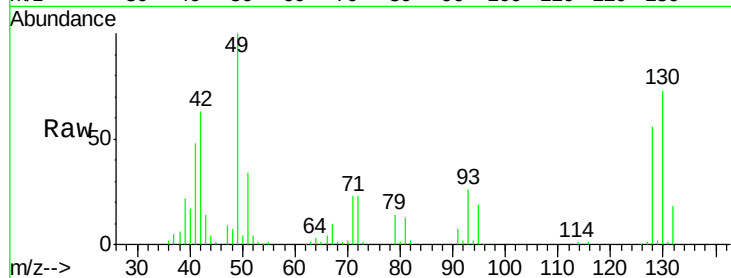
Tot Ion:128 Resp: 113803

Ion Ratio Lower Upper

128 100

49 177.0 0.0 431.8

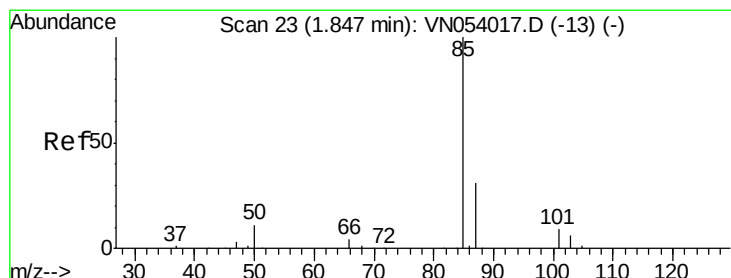
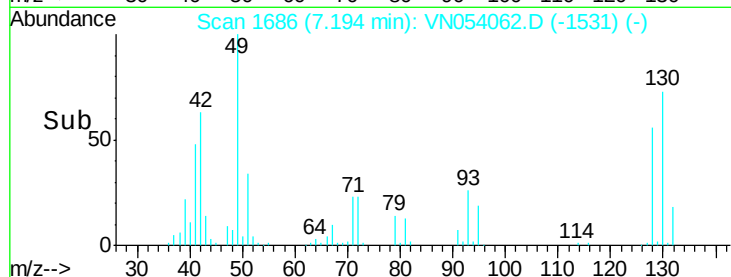
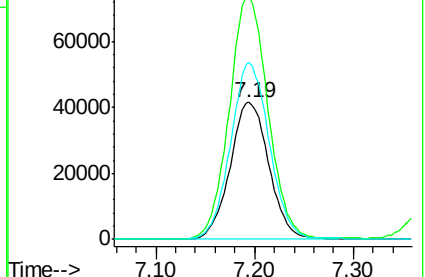
130 129.0 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.473 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN054062.D

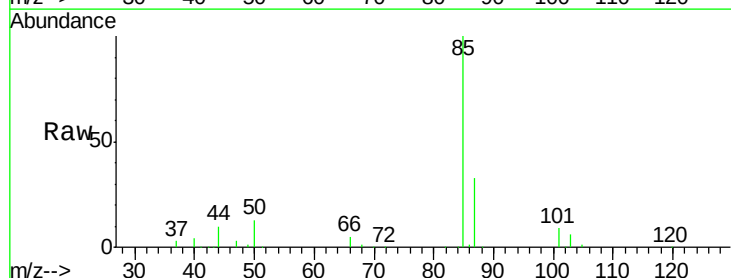
Acq: 4 Mar 2019 13:22

Tgt Ion: 85 Resp: 131732

Ion Ratio Lower Upper

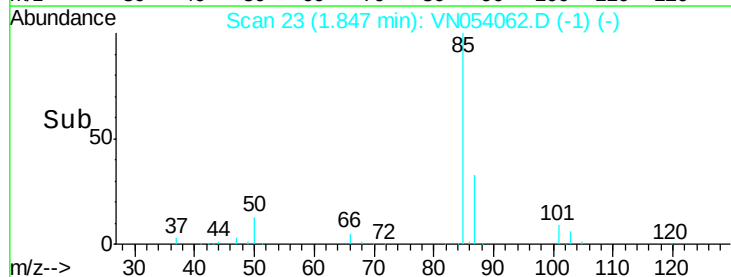
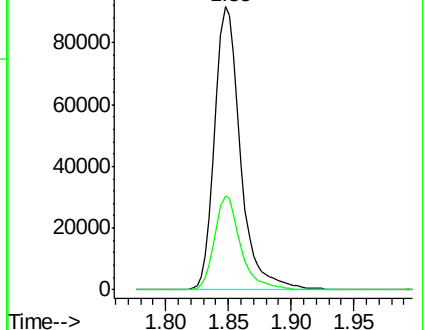
85 100

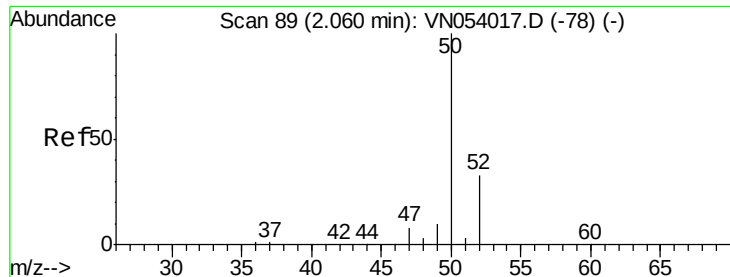
87 33.4 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.582 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN054062.D

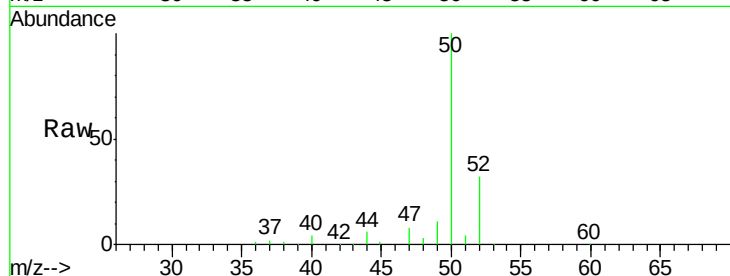
Acq: 4 Mar 2019 13:22

Tot Ion: 50 Resp: 176166

Ion Ratio Lower Upper

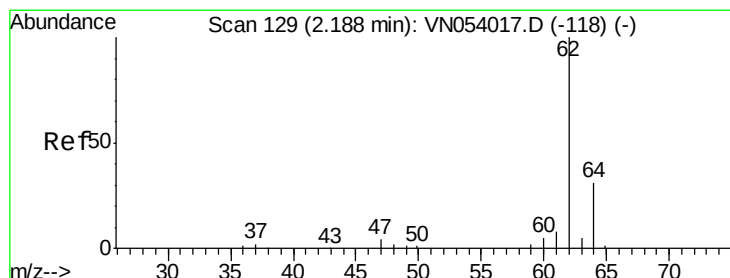
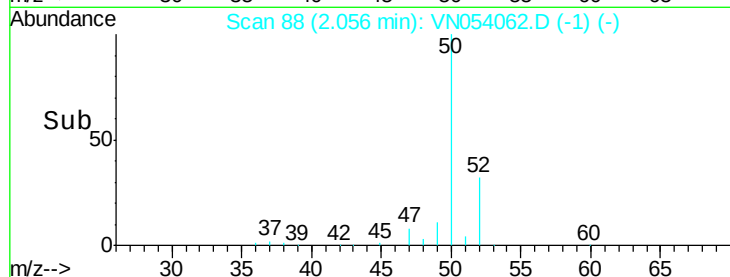
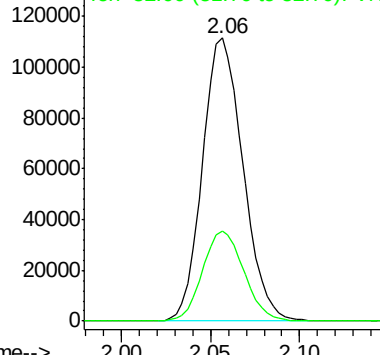
50 100

52 31.9 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: 20.293 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN054062.D

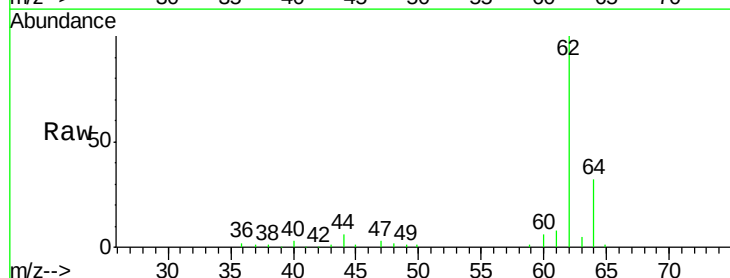
Acq: 4 Mar 2019 13:22

Tgt Ion: 62 Resp: 173930

Ion Ratio Lower Upper

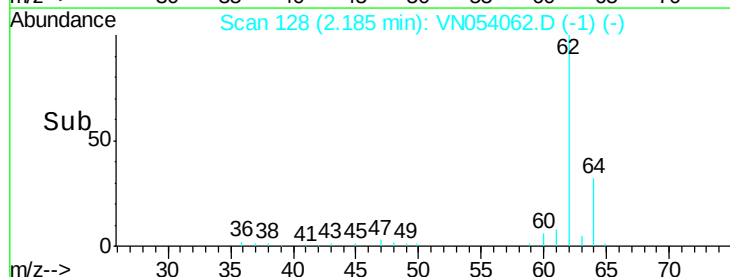
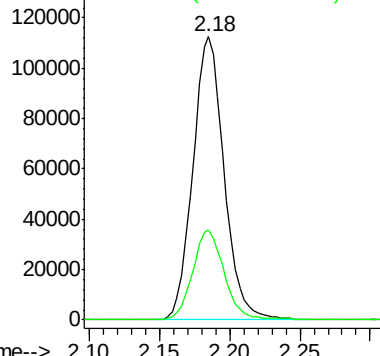
62 100

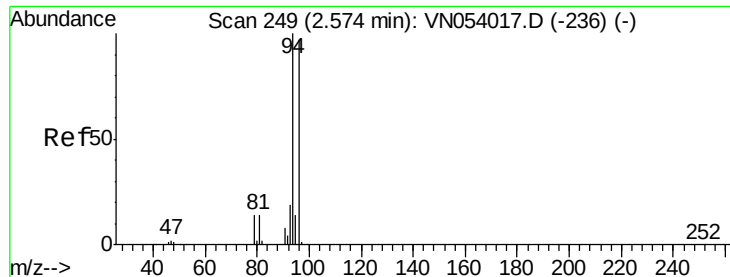
64 31.7 24.2 36.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.160 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN054062.D

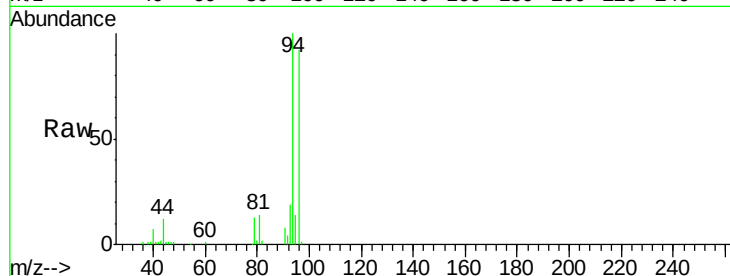
Acq: 4 Mar 2019 13:22

Tot Ion: 94 Resp: 106291

Ion Ratio Lower Upper

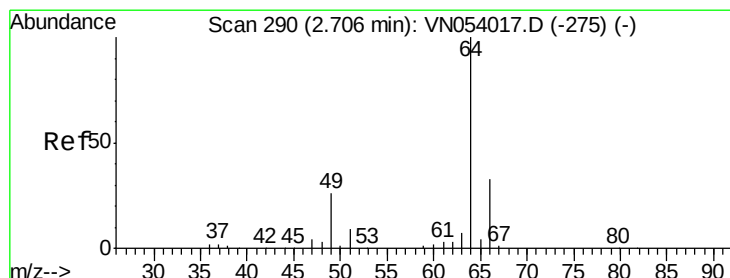
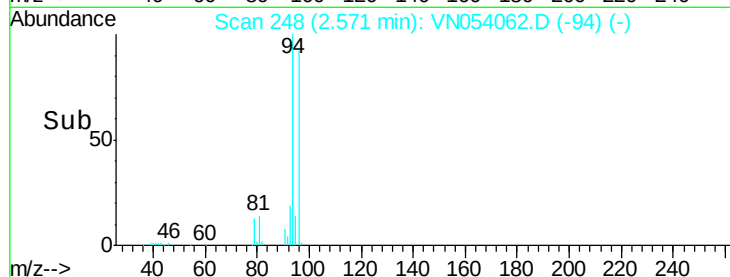
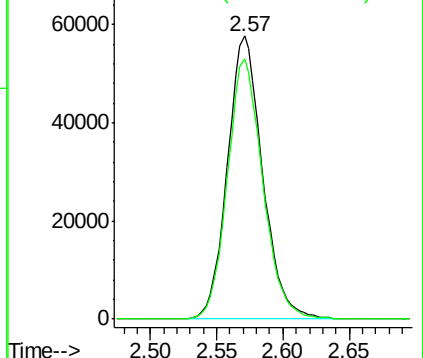
94 100

96 91.8 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: 20.276 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN054062.D

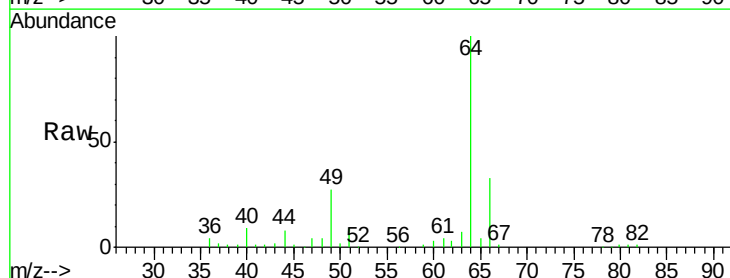
Acq: 4 Mar 2019 13:22

Tgt Ion: 64 Resp: 102317

Ion Ratio Lower Upper

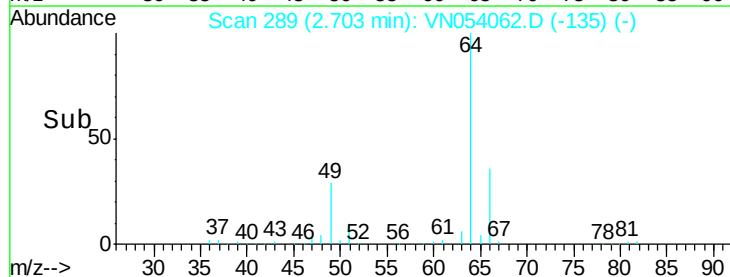
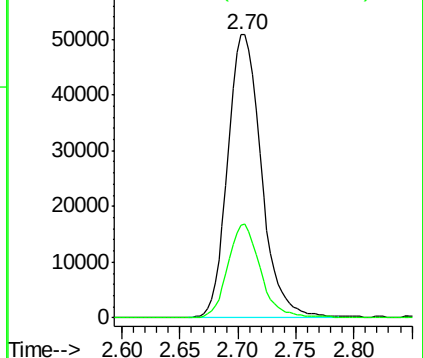
64 100

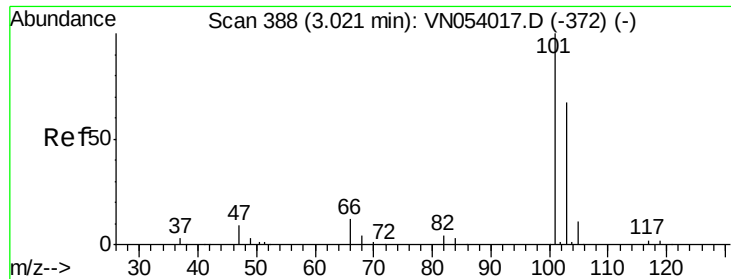
66 32.8 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

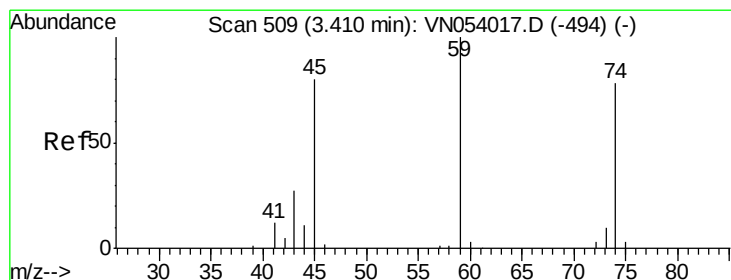
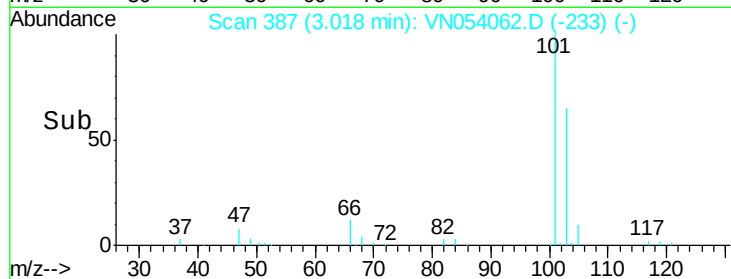
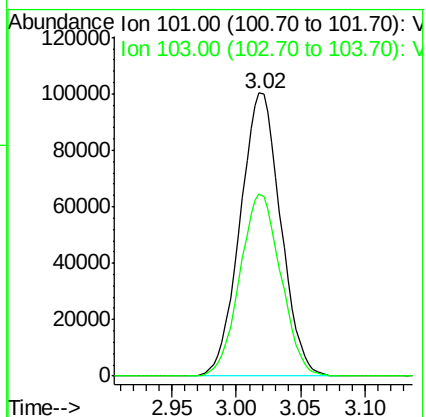
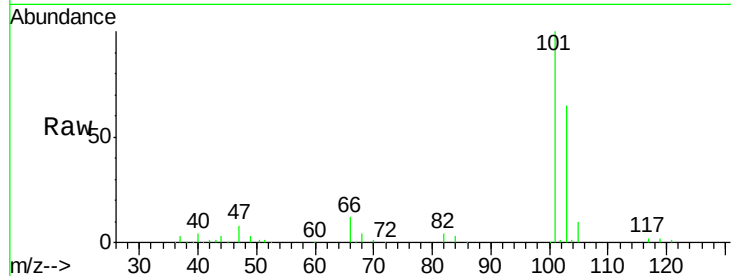




#7

Trichlorofluoromethane
Concen: 21.109 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

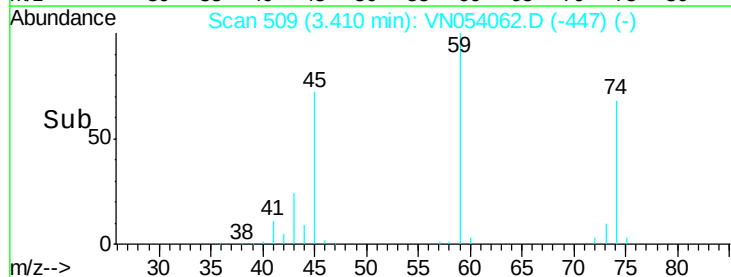
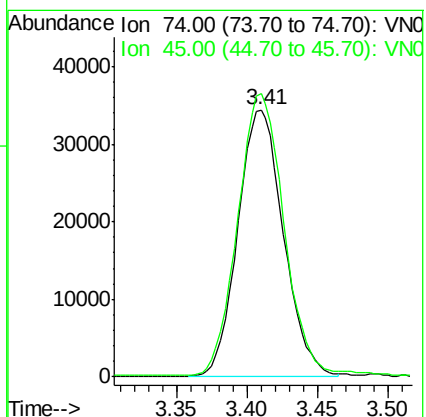
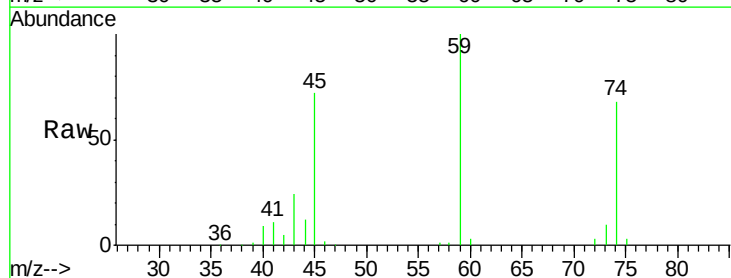
Tot Ion: 101 Resp: 219815
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1

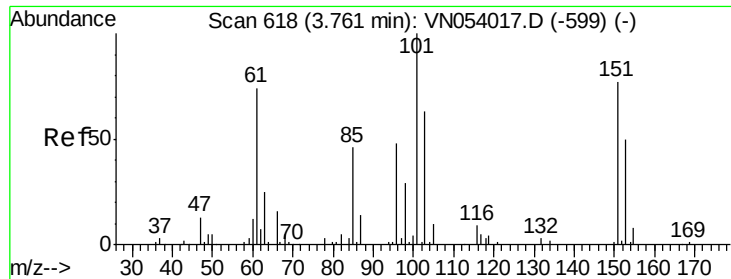


#8

Diethyl Ether
Concen: 19.934 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion: 74 Resp: 78068
Ion Ratio Lower Upper
74 100
45 105.9 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.803 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

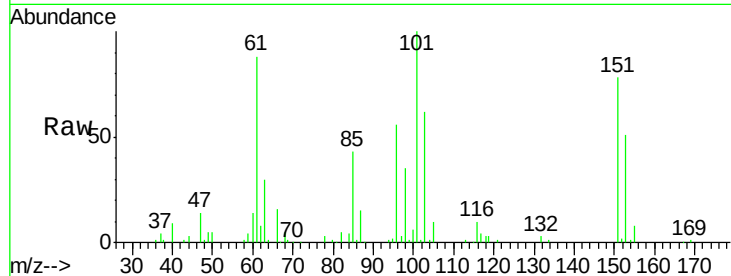
Tot Ion:101 Resp: 139277

Ion Ratio Lower Upper

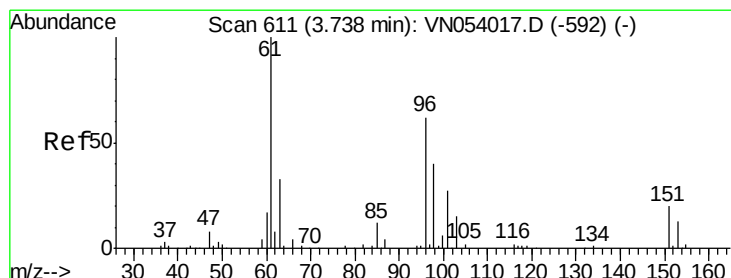
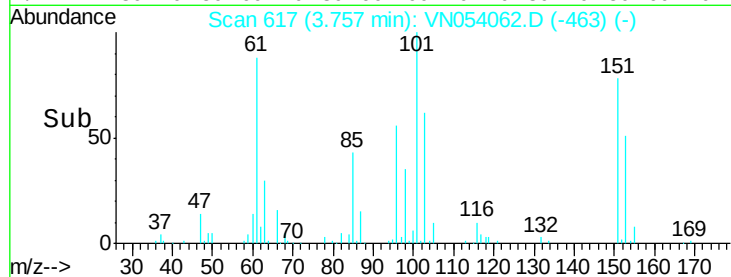
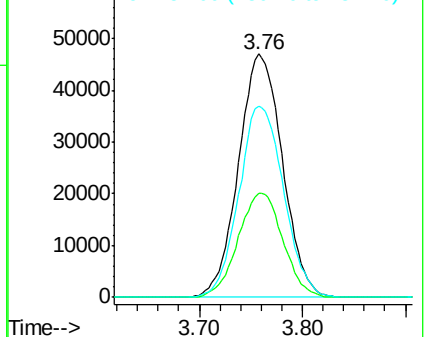
101 100

85 43.5 0.0 82.6

151 79.9 0.0 158.4



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VN
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.407 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

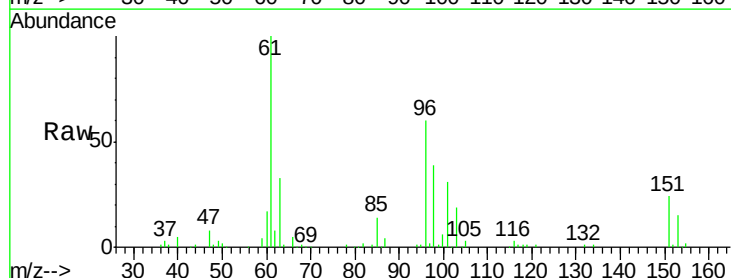
Tgt Ion: 96 Resp: 128008

Ion Ratio Lower Upper

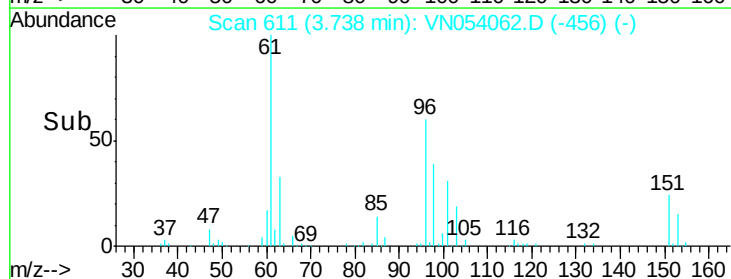
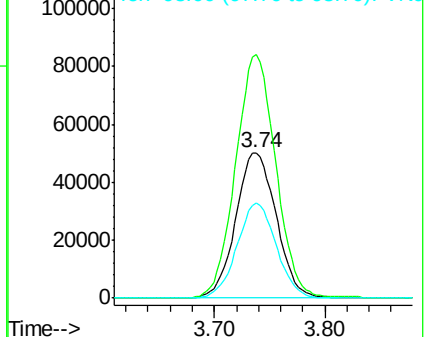
96 100

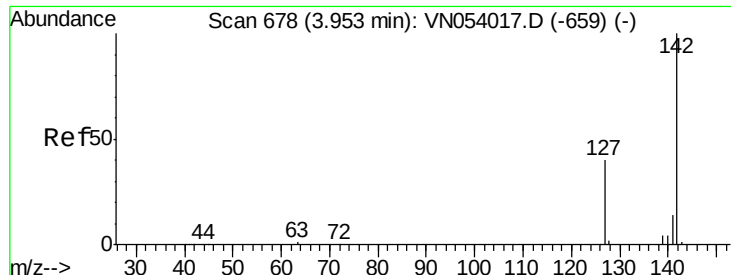
61 167.0 129.4 194.2

98 65.3 50.4 75.6



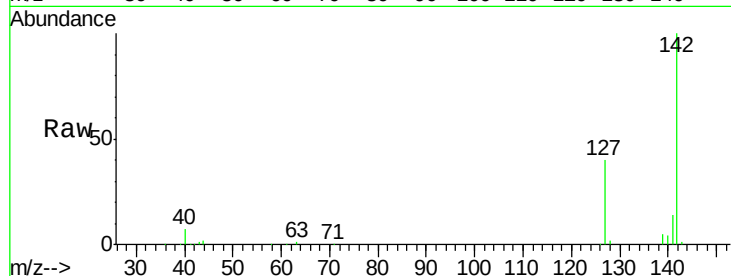
Abundance Ion 96.00 (95.70 to 96.70): VN
Ion 61.00 (60.70 to 61.70): VN
Ion 98.00 (97.70 to 98.70): VN



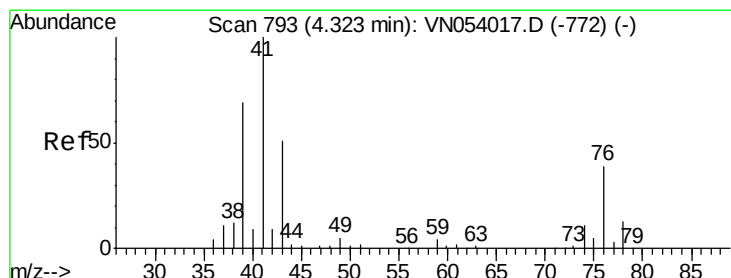
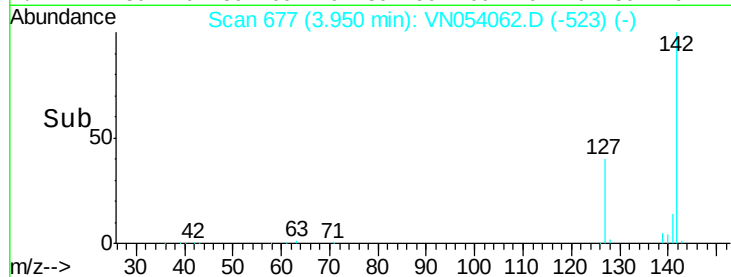
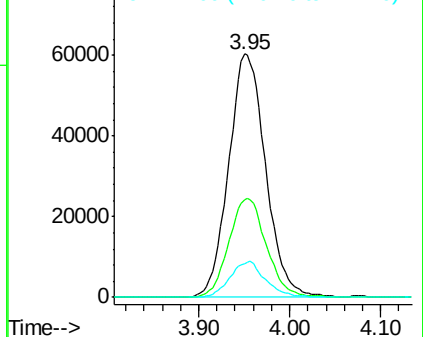


#11
Methyl Iodide
Concen: 18.302 ug/l
RT: 3.95 min Scan# 677
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tot Ion:142 Resp: 170290
Ion Ratio Lower Upper
142 100
127 40.0 19.4 58.1
141 14.0 7.2 21.6

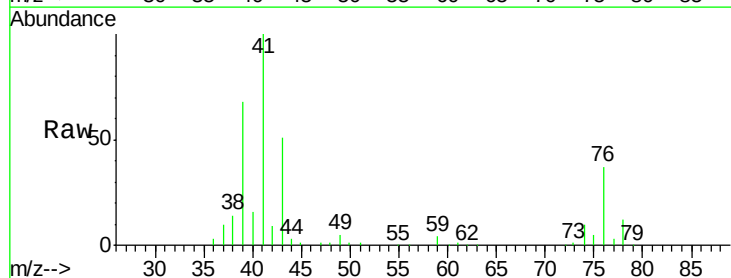


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

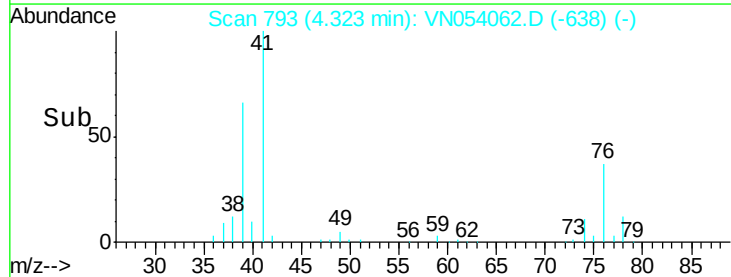
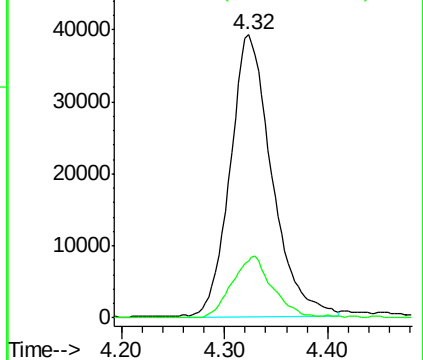


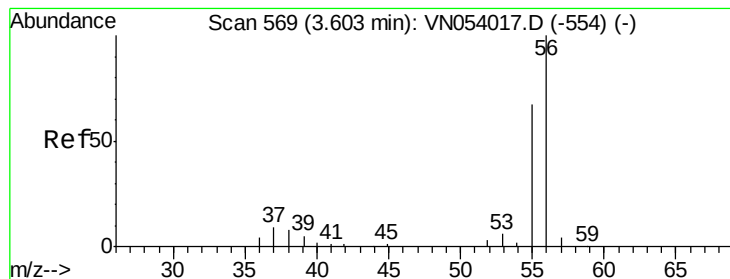
#12
Methyl Acetate
Concen: 20.861 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion: 43 Resp: 110335
Ion Ratio Lower Upper
43 100
74 20.3 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: 58.820 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN054062.D

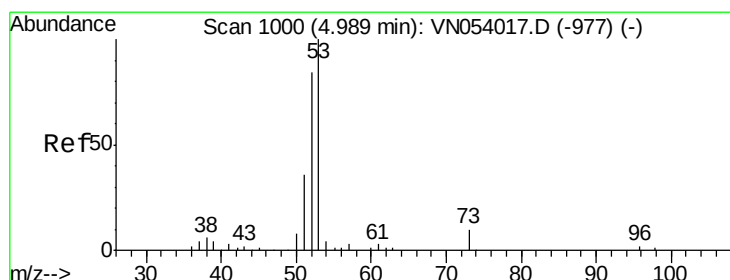
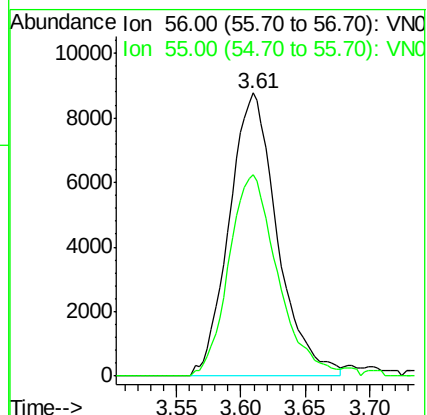
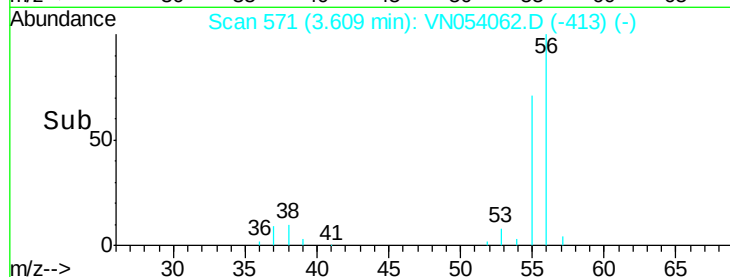
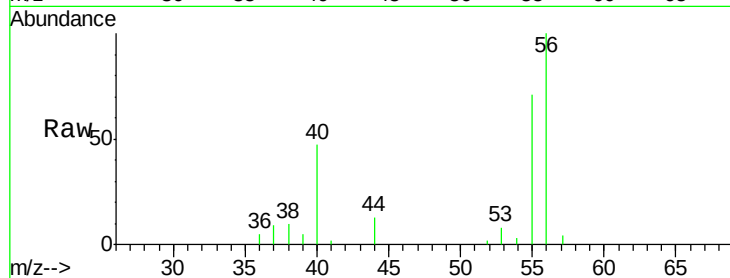
Acq: 4 Mar 2019 13:22

Tot Ion: 56 Resp: 22771

Ion Ratio Lower Upper

56 100

55 72.2 56.7 85.1



#14

Acrylonitrile

Concen: 100.558 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

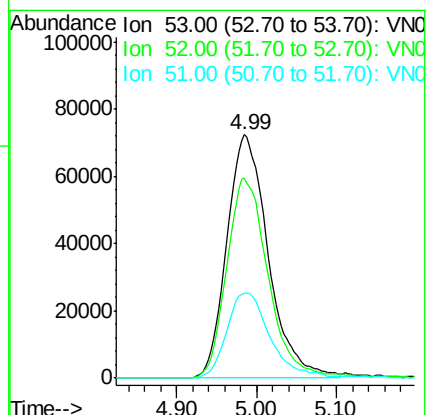
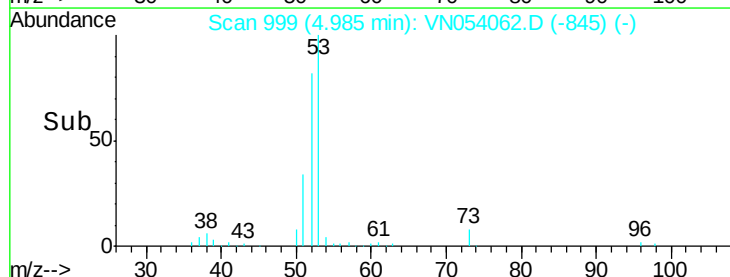
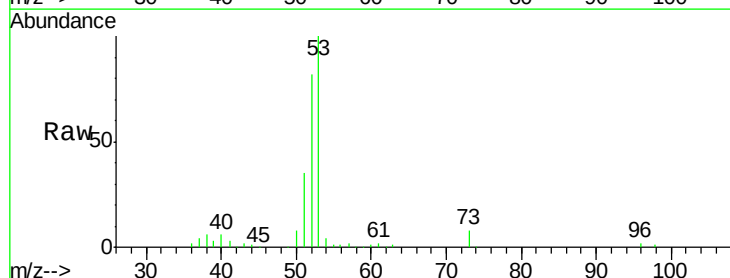
Tgt Ion: 53 Resp: 255578

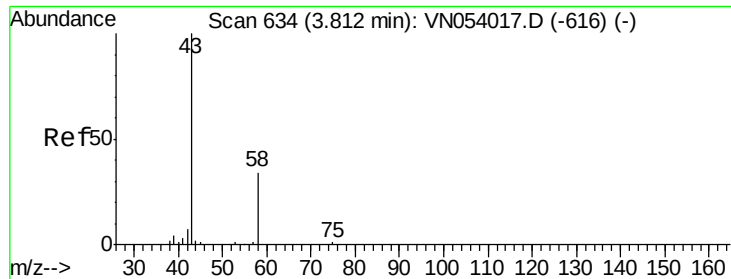
Ion Ratio Lower Upper

53 100

52 81.4 39.9 119.7

51 35.8 17.6 52.9





#15

Acetone

Concen: 38.655 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN054062.D

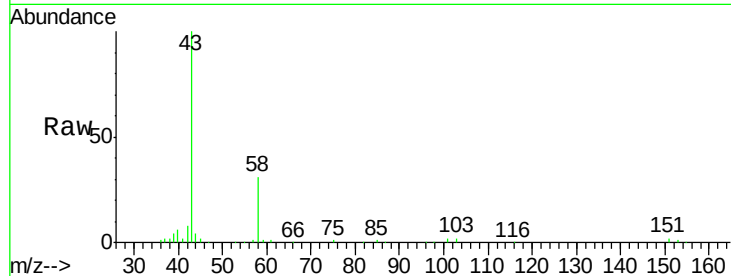
Acq: 4 Mar 2019 13:22

Tot Ion: 58 Resp: 28313

Ion Ratio Lower Upper

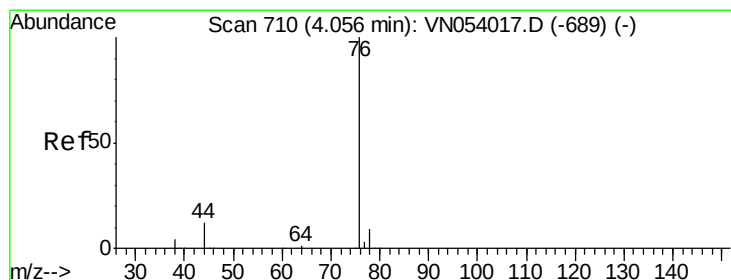
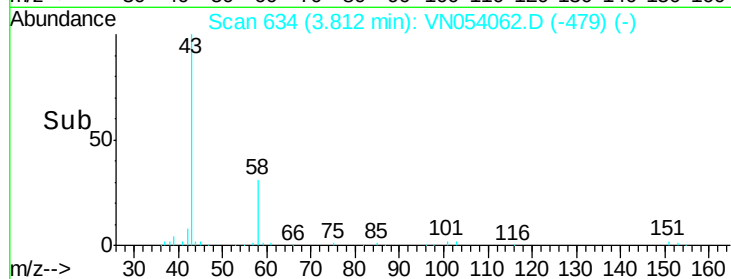
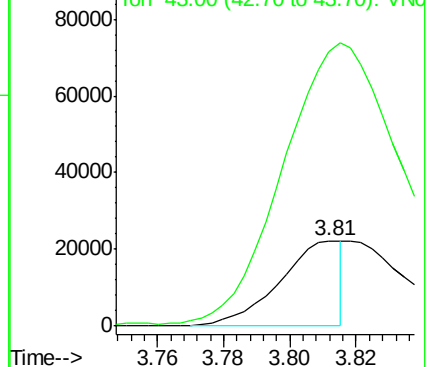
58 100

43 319.7 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 20.252 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN054062.D

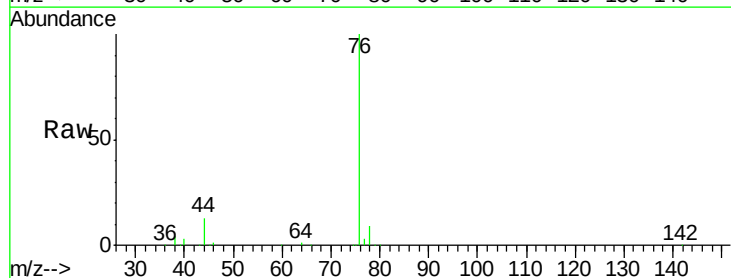
Acq: 4 Mar 2019 13:22

Tgt Ion: 76 Resp: 412179

Ion Ratio Lower Upper

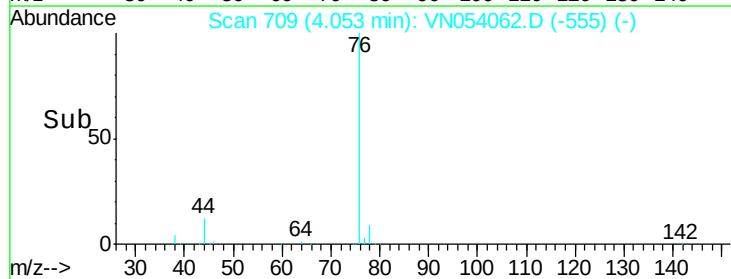
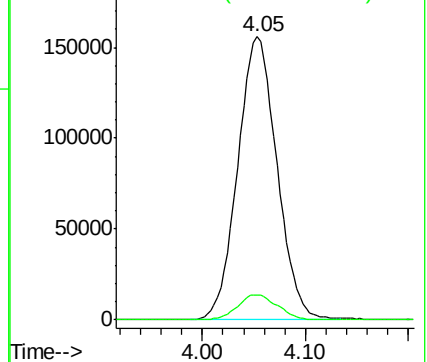
76 100

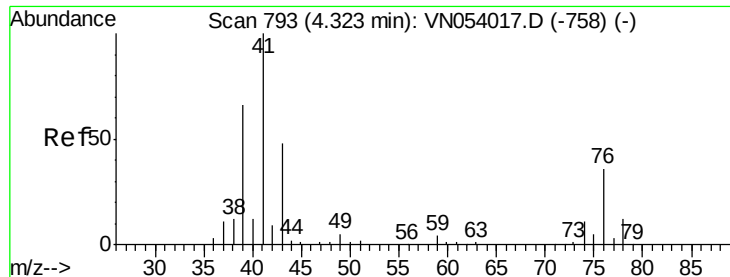
78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

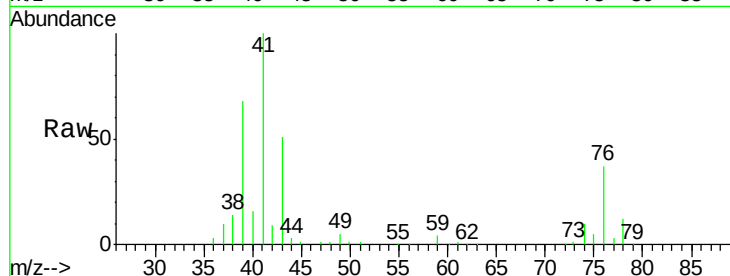
Ion 78.00 (77.70 to 78.70): VN0



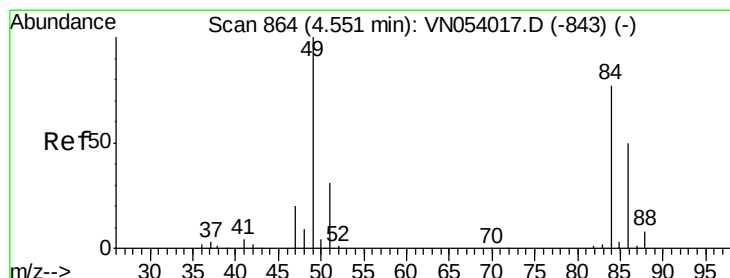
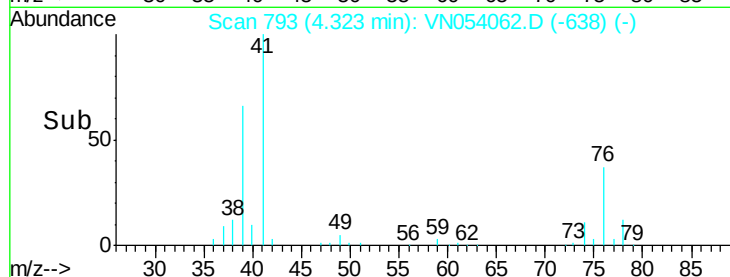
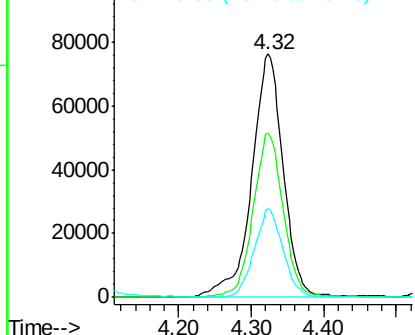


#17
Allvl chloride
Concen: 20.767 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tot Ion: 41 Resp: 230378
Ion Ratio Lower Upper
41 100
39 67.7 32.8 98.3
76 36.4 18.6 55.8

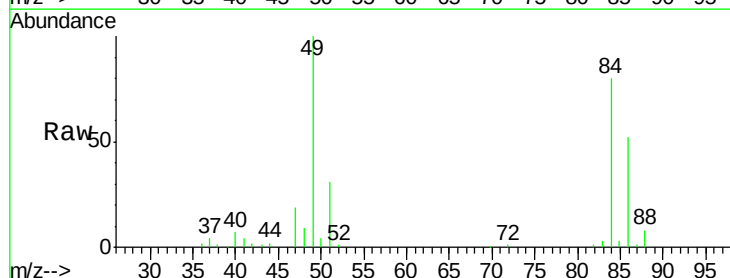


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 76.00 (75.70 to 76.70): VNO

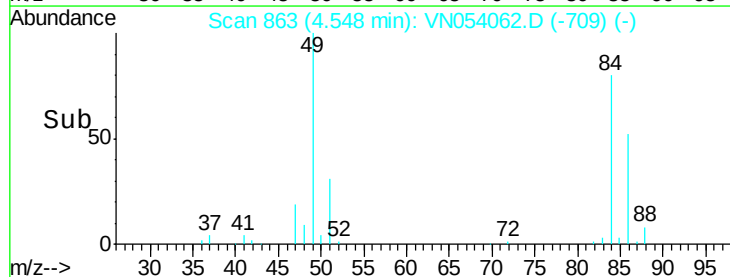
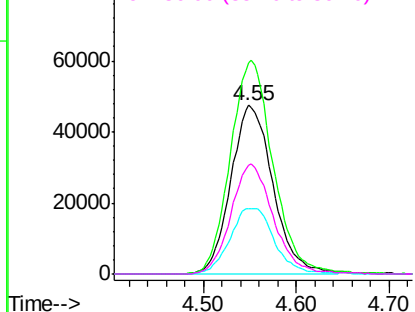


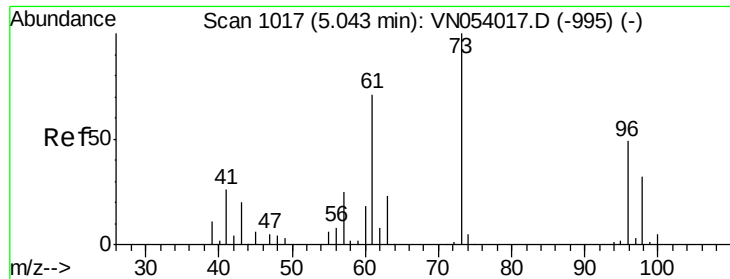
#18
Methylene Chloride
Concen: 20.672 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion: 84 Resp: 149741
Ion Ratio Lower Upper
84 100
49 125.0 101.4 152.0
51 38.4 31.7 47.5
86 64.9 50.1 75.1



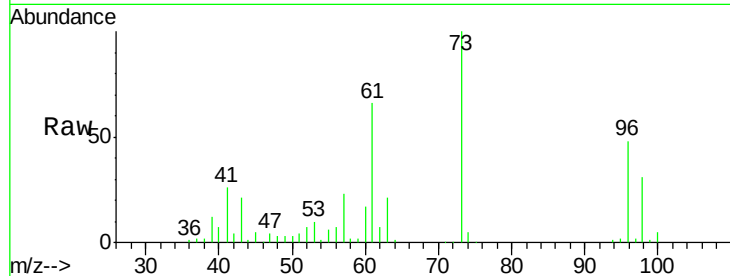
Abundance Ion 84.00 (83.70 to 84.70): VNO
Ion 49.00 (48.70 to 49.70): VNO
Ion 51.00 (50.70 to 51.70): VNO
Ion 86.00 (85.70 to 86.70): VNO



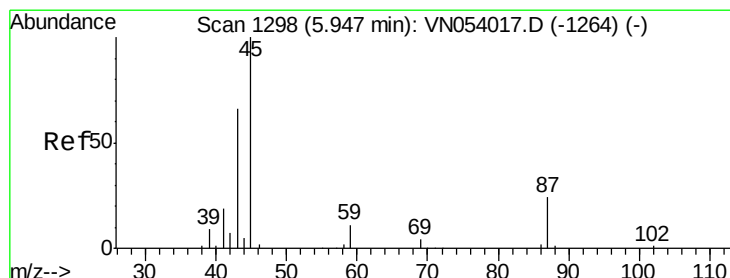
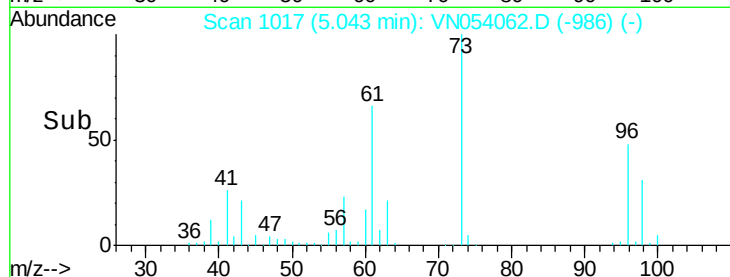
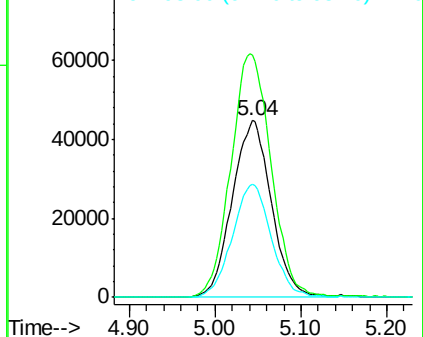


#19
trans-1,2-Dichloroethene
Concen: 20.785 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tot Ion: 96 Resp: 141447
Ion Ratio Lower Upper
96 100
61 136.8 118.2 177.4
98 63.9 51.4 77.2

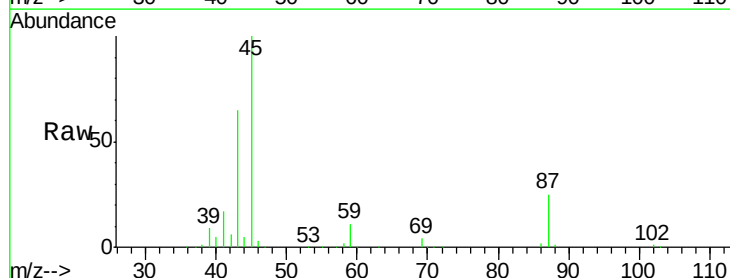


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

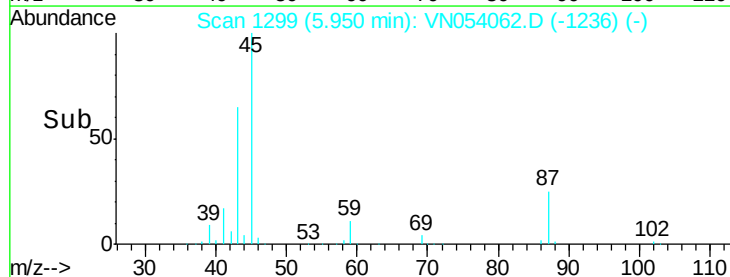
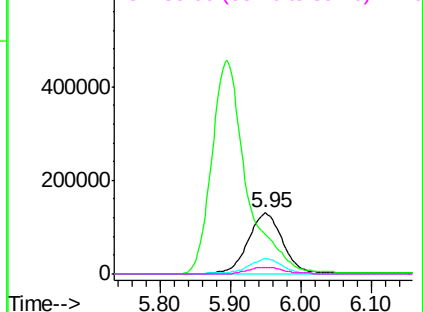


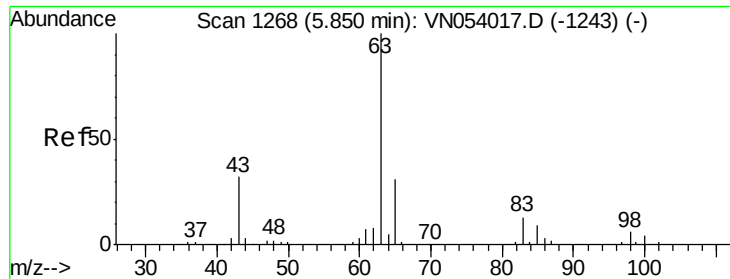
#20
Diisopropyl ether
Concen: 20.383 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion: 45 Resp: 452340
Ion Ratio Lower Upper
45 100
43 61.5 47.8 71.8
87 24.2 21.3 31.9
59 10.9 8.9 13.3



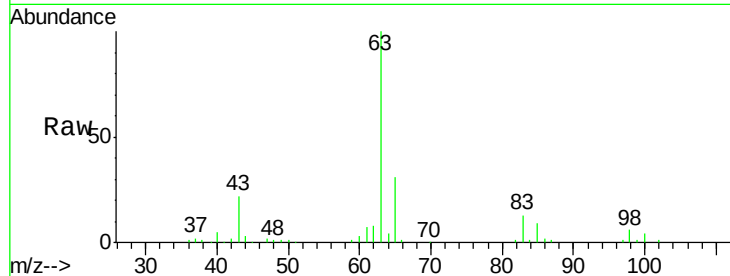
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0



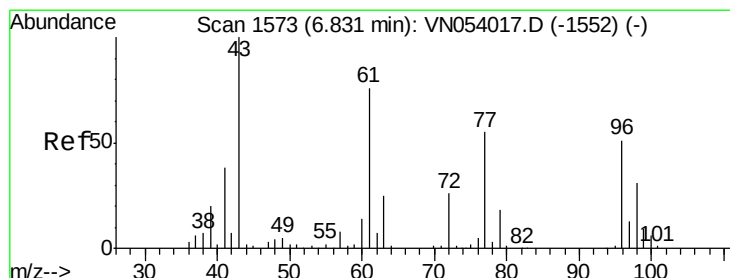
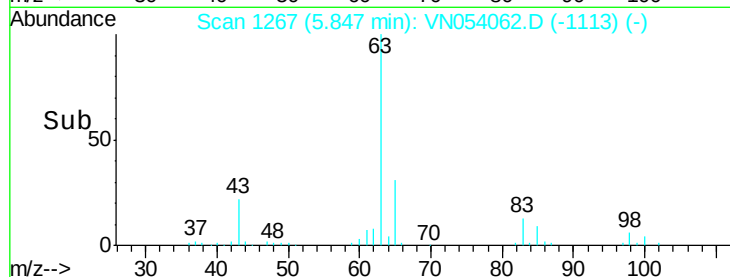
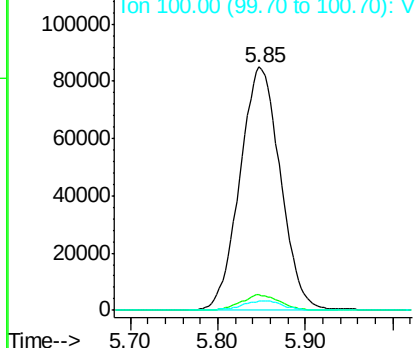


#21
 1,1-Dichloroethane
 Concen: 20.829 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tot Ion: 63 Resp: 272987
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 3.7 1.8 5.5

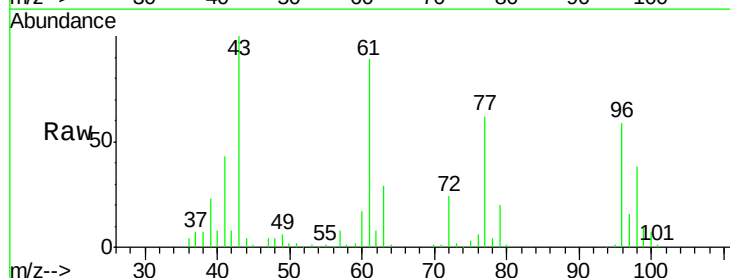


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

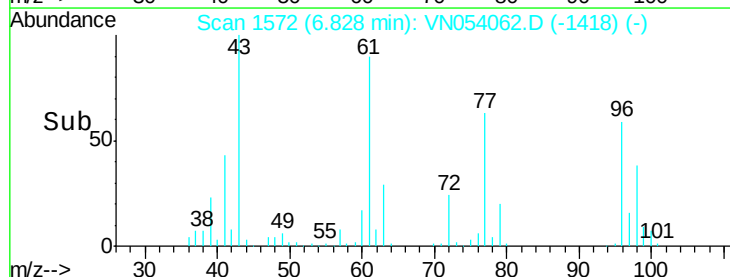
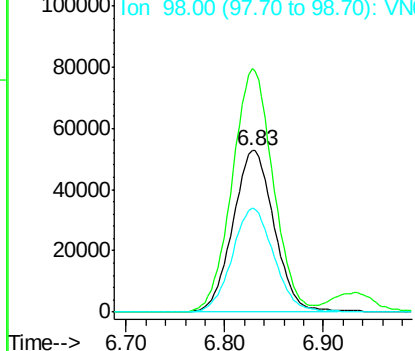


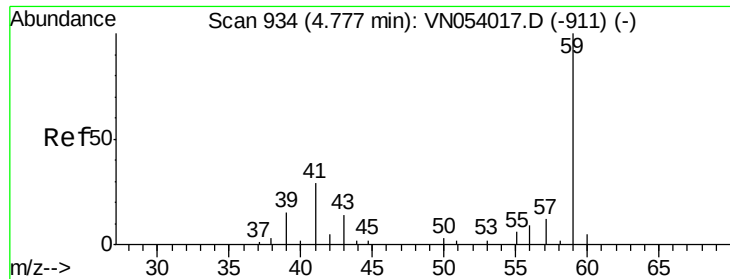
#22
 cis-1,2-Dichloroethene
 Concen: 20.184 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tgt Ion: 96 Resp: 152915
 Ion Ratio Lower Upper
 96 100
 61 149.8 116.7 175.1
 98 64.8 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

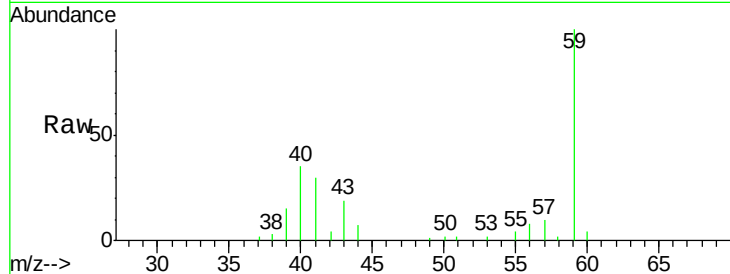




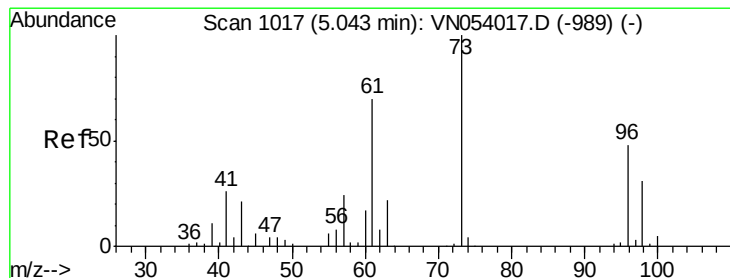
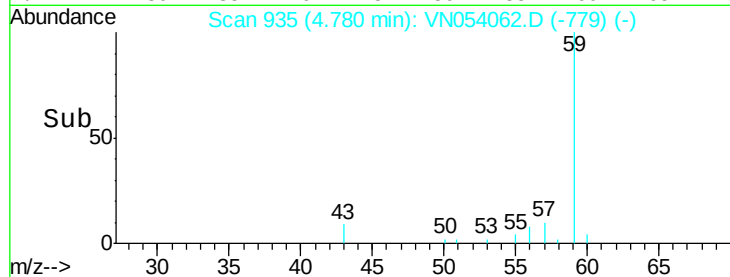
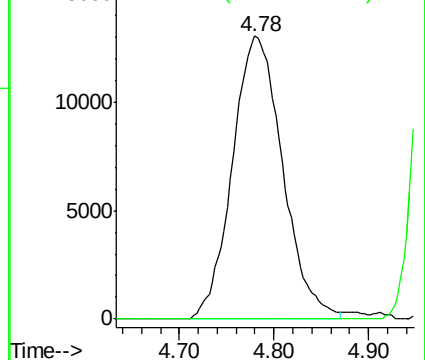
#23

tert-Butyl Alcohol
 Concen: 105.536 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tot Ion: 59 Resp: 48043
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



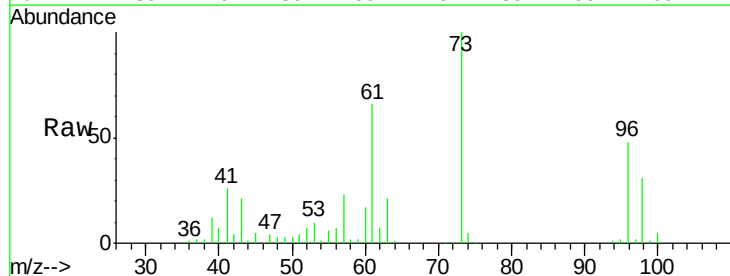
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0



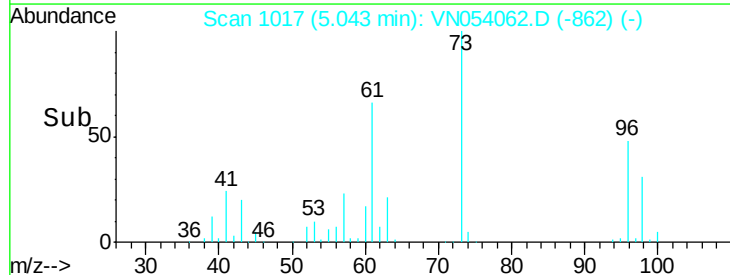
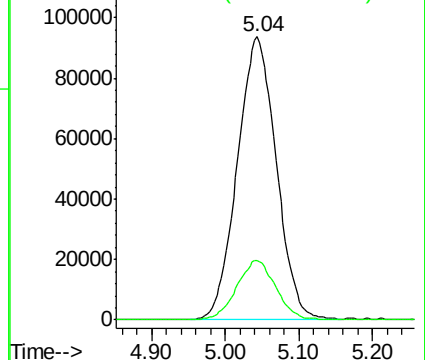
#24

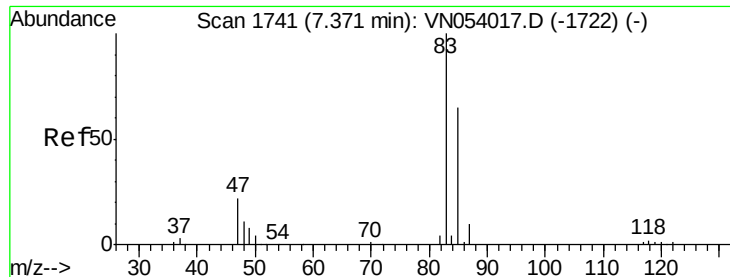
Methyl tert-Butyl Ether
 Concen: 20.284 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tgt Ion: 73 Resp: 344459
 Ion Ratio Lower Upper
 73 100
 43 20.4 15.8 23.8



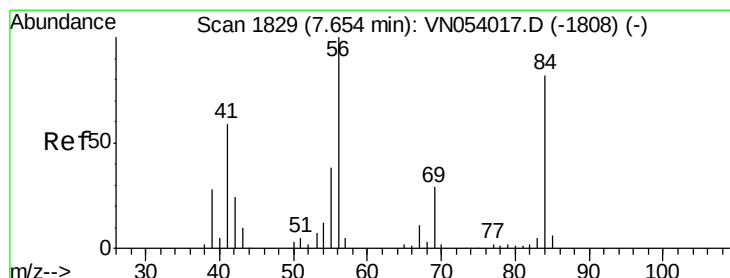
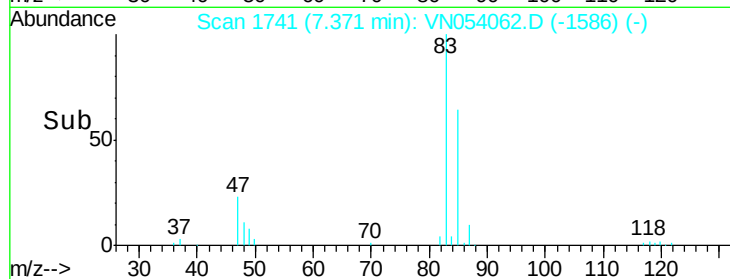
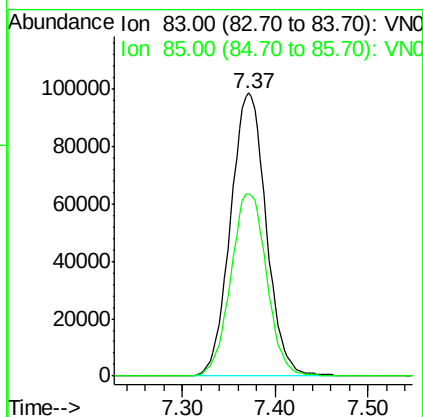
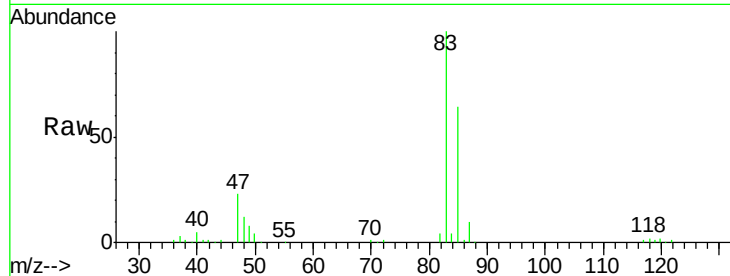
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0





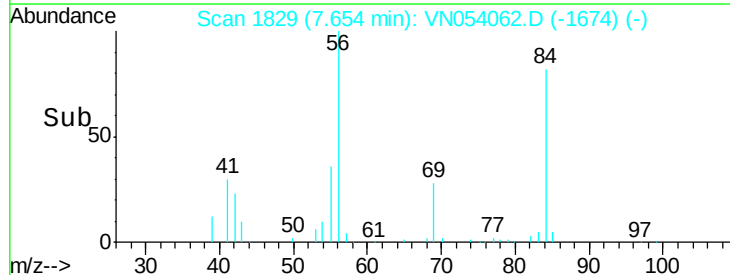
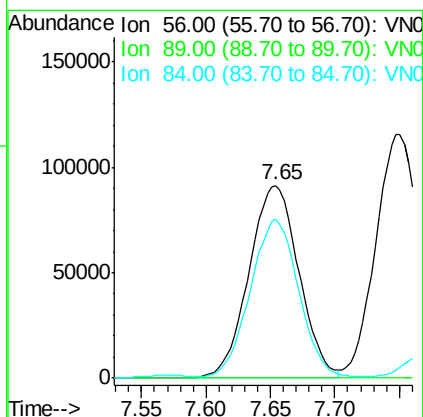
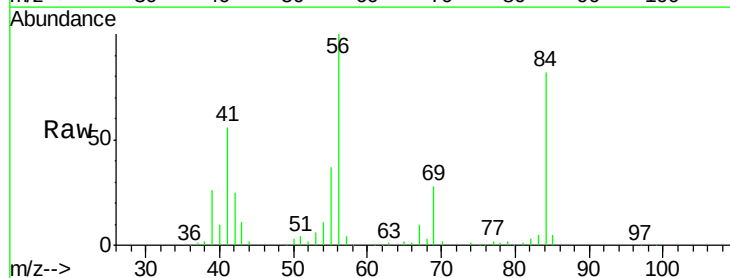
#25
Chloroform
Concen: 20.776 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

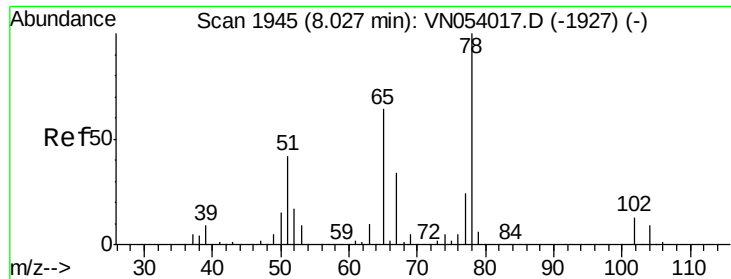
Tot Ion: 83 Resp: 262722
Ion Ratio Lower Upper
83 100
85 64.4 51.7 77.5



#26
Cyclohexane
Concen: 20.630 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion: 56 Resp: 246069
Ion Ratio Lower Upper
56 100
89 0.0 0.5 0.7#
84 79.1 66.2 99.2





#27

1,2-Dichloroethane-d4

Concen: 20.630 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054062.D

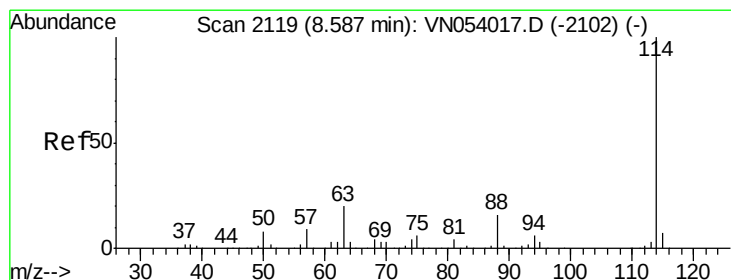
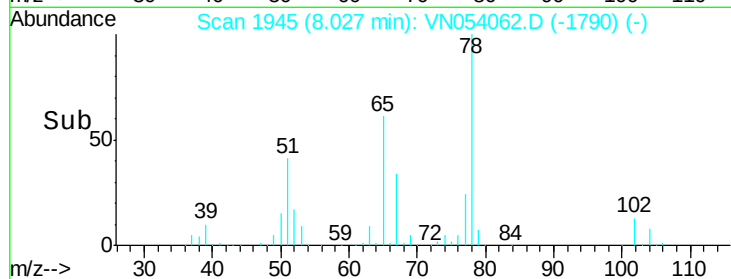
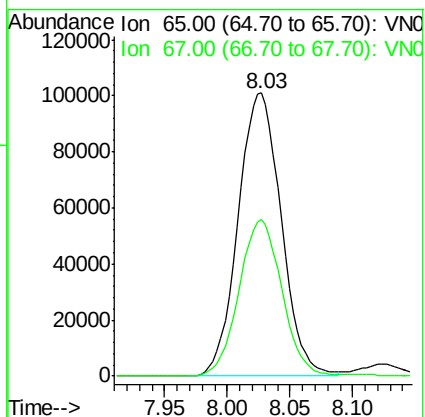
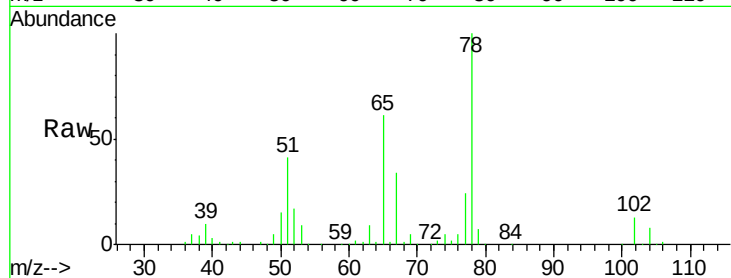
Acq: 4 Mar 2019 13:22

Tot Ion: 65 Resp: 241216

Ion Ratio Lower Upper

65 100

67 54.9 44.6 66.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

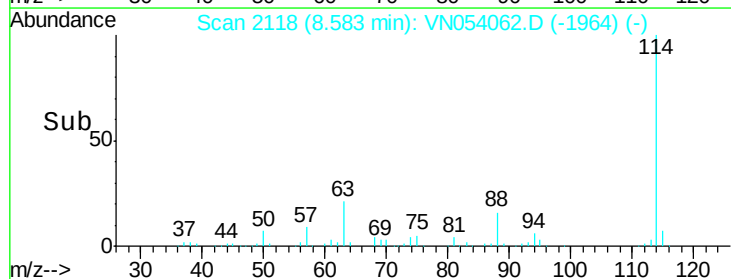
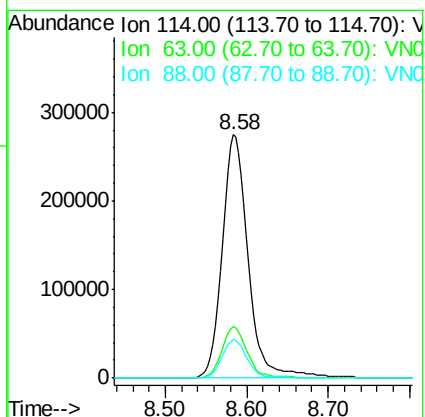
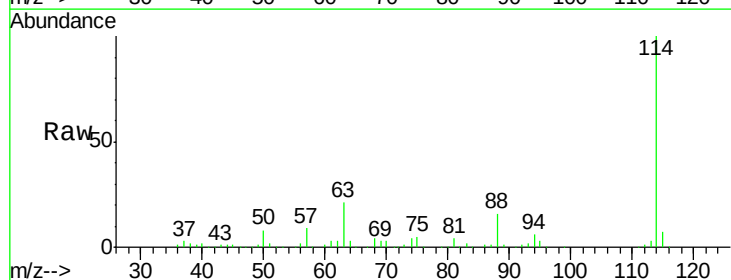
Tgt Ion: 114 Resp: 618394

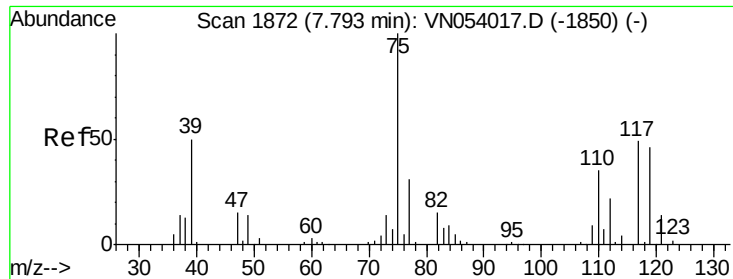
Ion Ratio Lower Upper

114 100

63 20.8 16.9 25.3

88 15.5 12.8 19.2





#29

1,1-Dichloropropene

Concen: 21.046 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

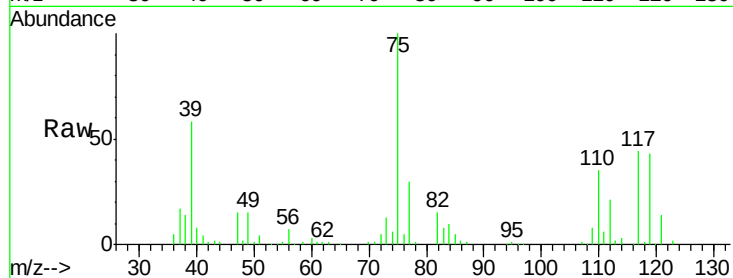
Tot Ion: 75 Resp: 203862

Ion Ratio Lower Upper

75 100

110 34.4 0.0 70.2

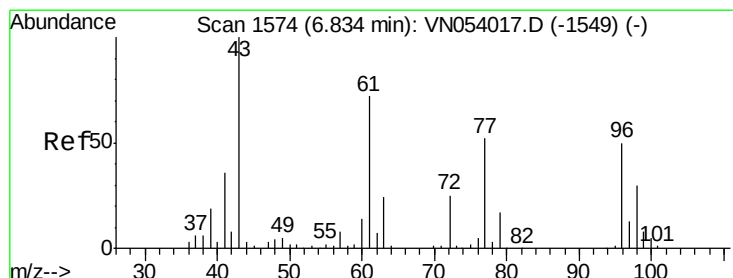
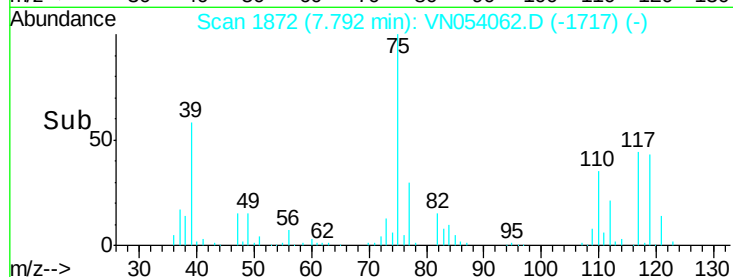
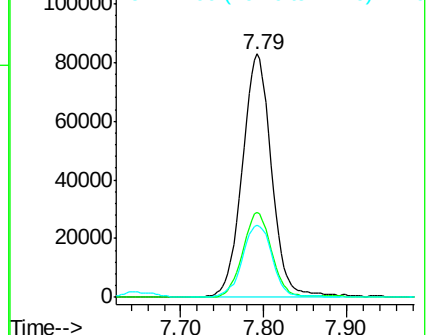
77 30.1 0.0 62.6



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: 93.466 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

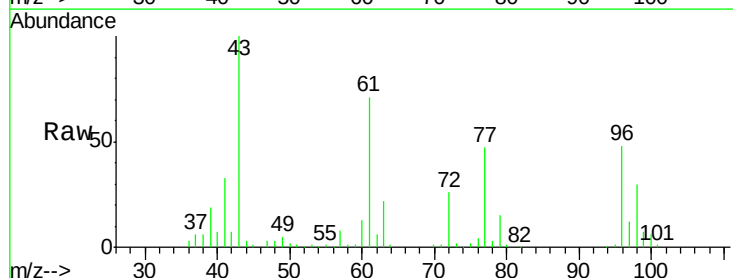
Tgt Ion: 43 Resp: 285853

Ion Ratio Lower Upper

43 100

57 4.2 6.2 9.4#

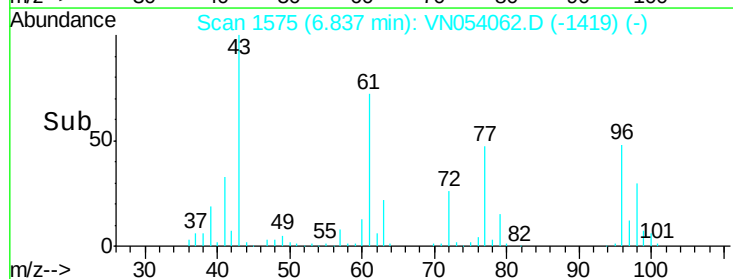
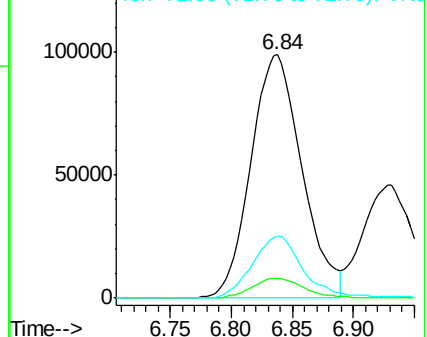
72 25.0 21.0 31.6

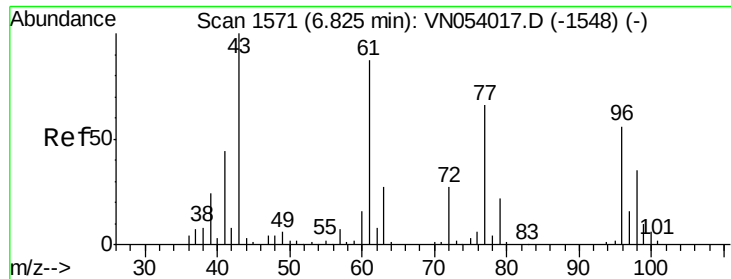


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

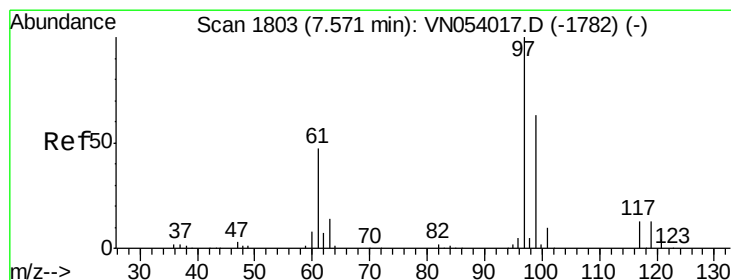
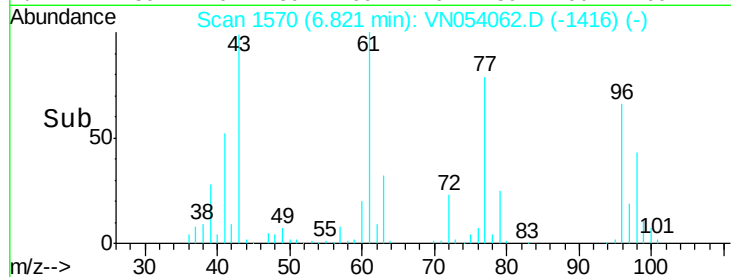
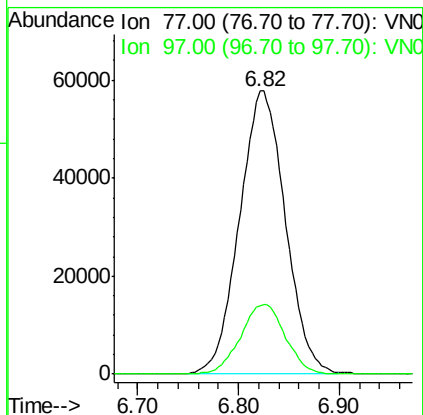
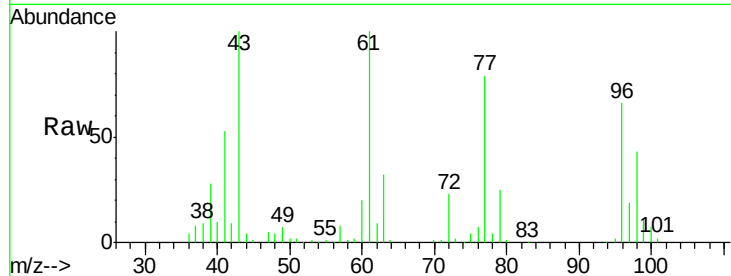
Ion 72.00 (71.70 to 72.70): VN0





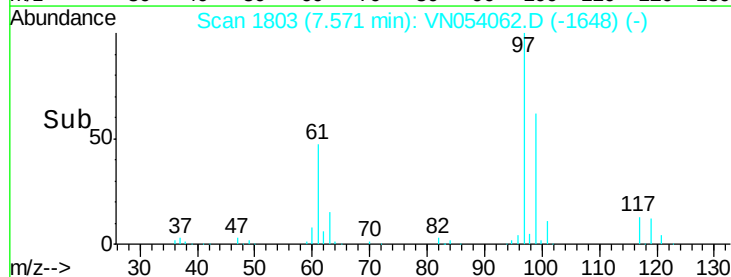
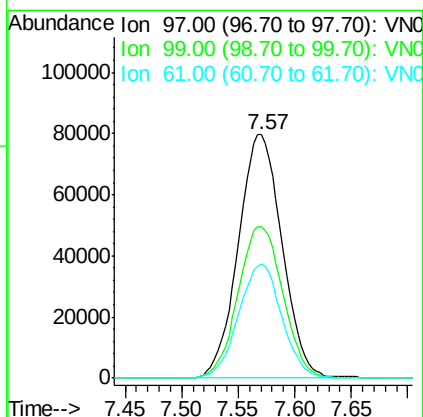
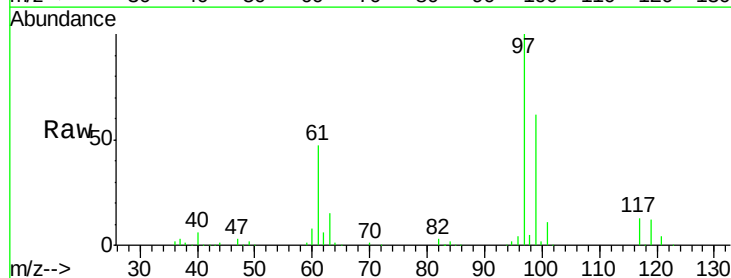
#31
 2,2-Dichloropropane
 Concen: 19.092 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

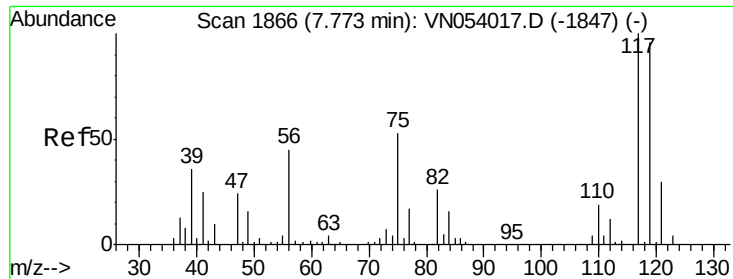
Tot Ion: 77 Resp: 182353
 Ion Ratio Lower Upper
 77 100
 97 24.0 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 20.590 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tgt Ion: 97 Resp: 214524
 Ion Ratio Lower Upper
 97 100
 99 63.8 50.9 76.3
 61 46.2 38.1 57.1





#33

Carbon Tetrachloride

Concen: 20.236 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

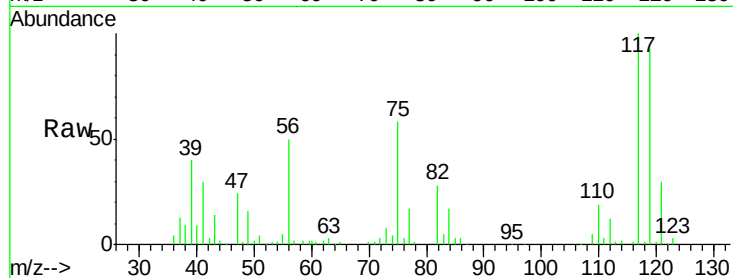
Tot Ion: 117 Resp: 186671

Ion Ratio Lower Upper

117 100

119 92.7 77.3 115.9

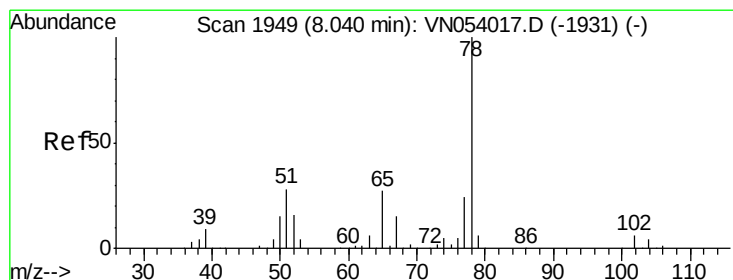
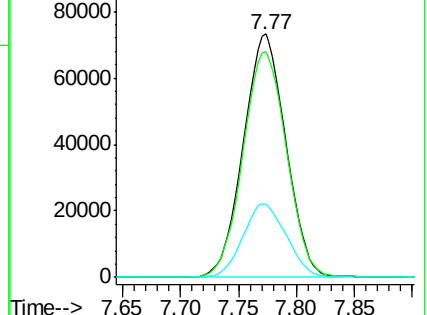
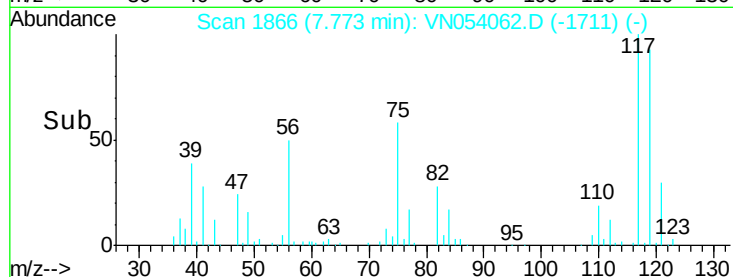
121 30.2 24.9 37.3



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: 20.719 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

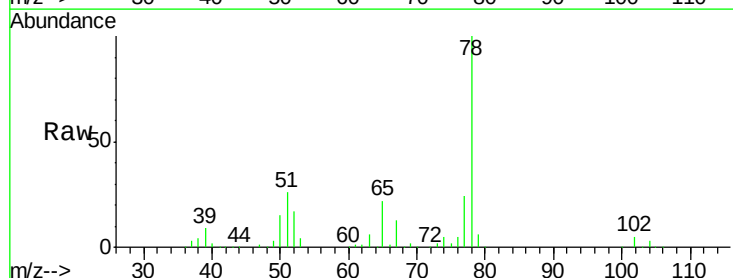
Tgt Ion: 78 Resp: 596441

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

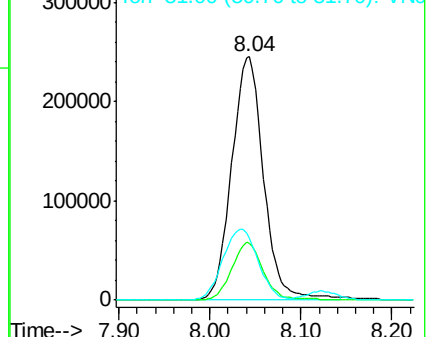
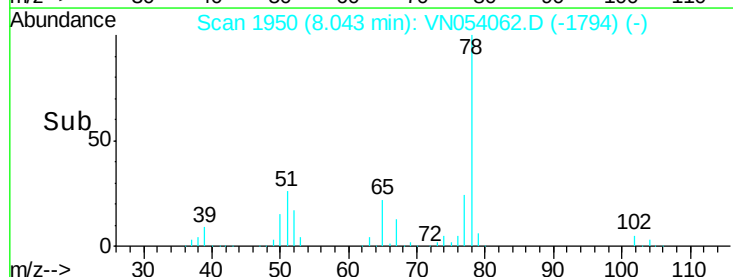
51 25.4 20.5 30.7

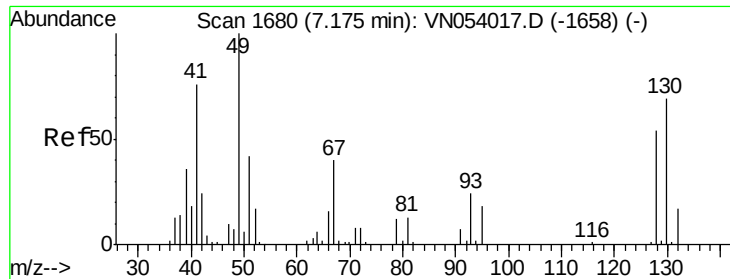


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

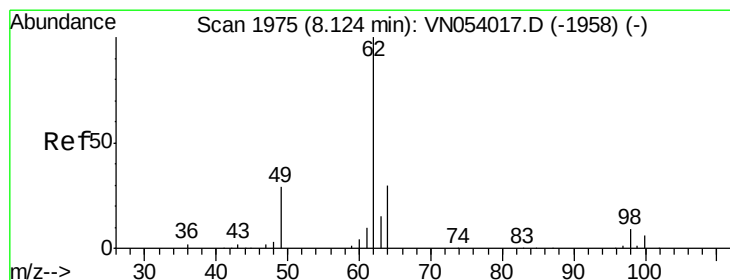
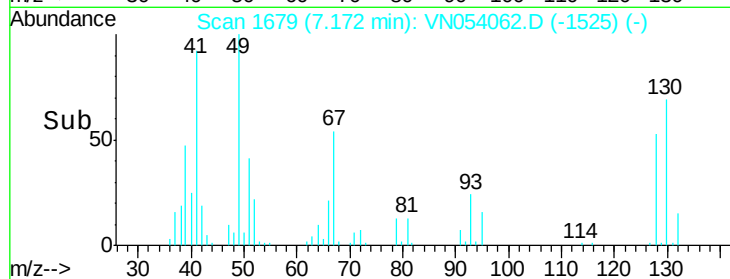
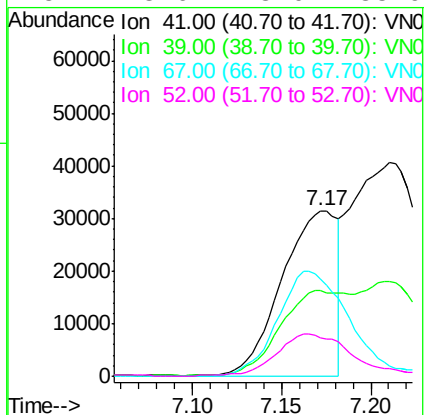
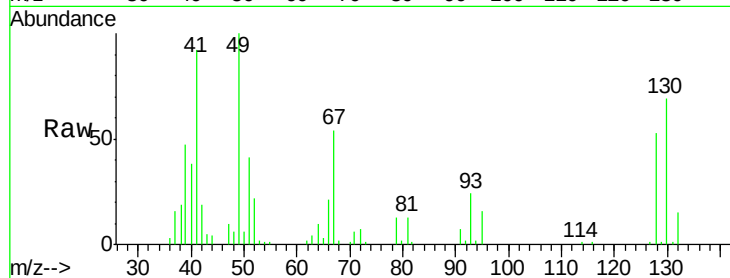
Ion 51.00 (50.70 to 51.70): V





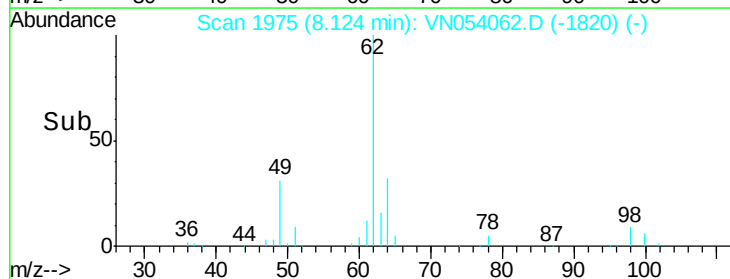
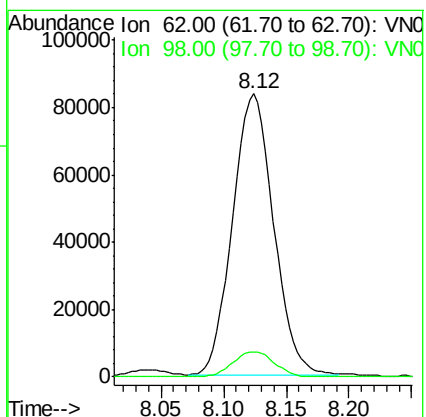
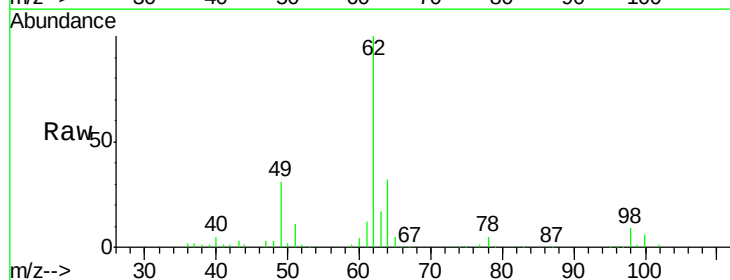
#35
Methacrylonitrile
Concen: 19.878 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

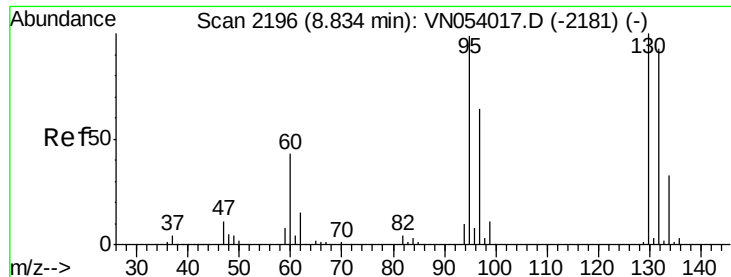
Tot Ion: 41 Resp: 67976
Ion Ratio Lower Upper
41 100
39 51.1 26.6 79.7
67 58.6 32.3 96.9
52 23.6 13.0 38.9



#36
1,2-Dichloroethane
Concen: 20.601 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

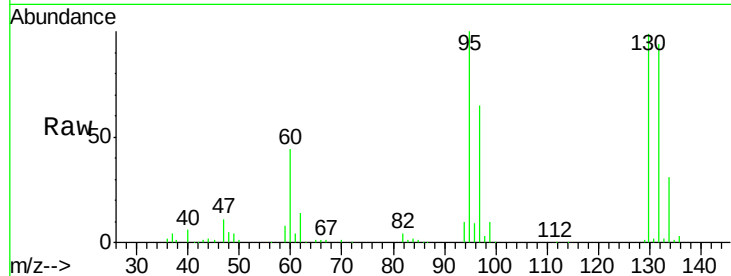
Tgt Ion: 62 Resp: 190433
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.2



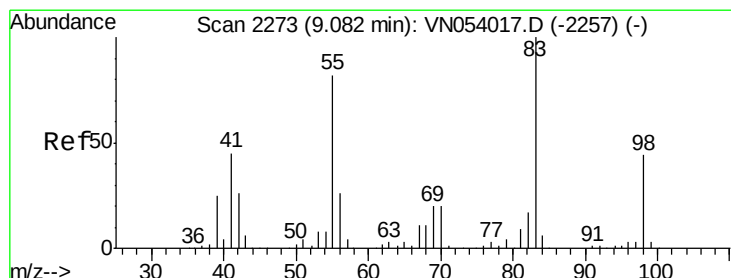
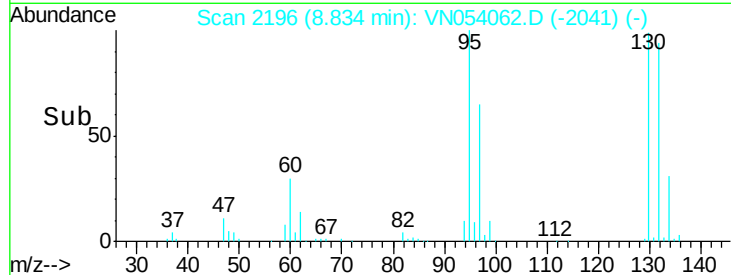
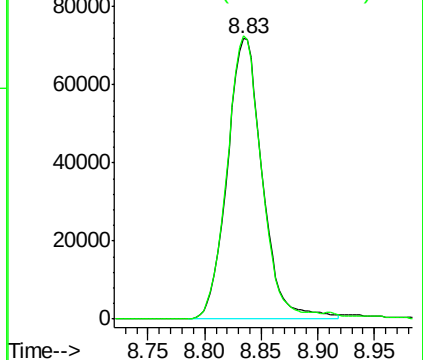


#37
 Trichloroethene
 Concen: 20.715 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tot Ion:130 Resp: 155665
 Ion Ratio Lower Upper
 130 100
 95 100.8 81.0 121.4

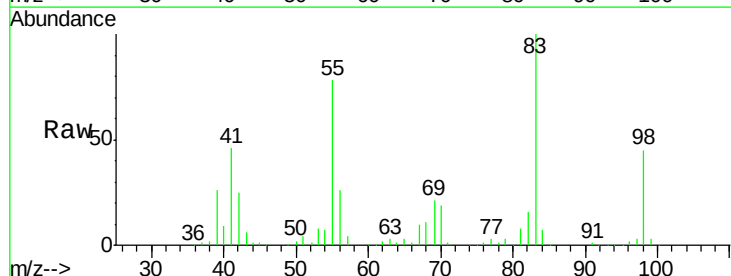


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

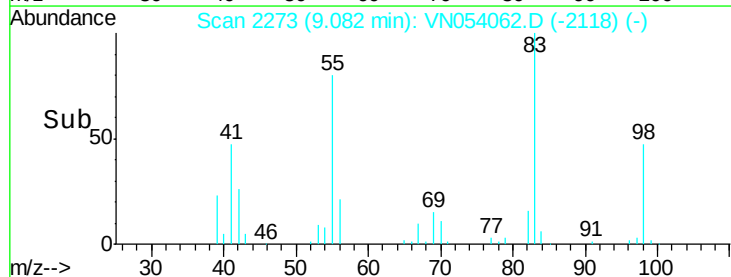
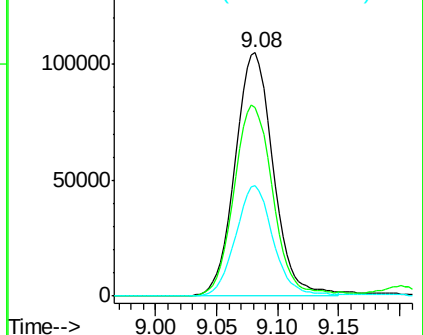


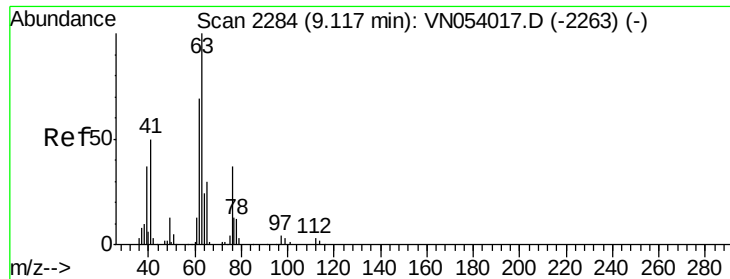
#38
 Methylcyclohexane
 Concen: 19.920 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tgt Ion: 83 Resp: 227735
 Ion Ratio Lower Upper
 83 100
 55 80.1 39.8 119.4
 98 44.9 22.9 68.5



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 55.00 (54.70 to 55.70): VN
 Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 20.844 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054062.D

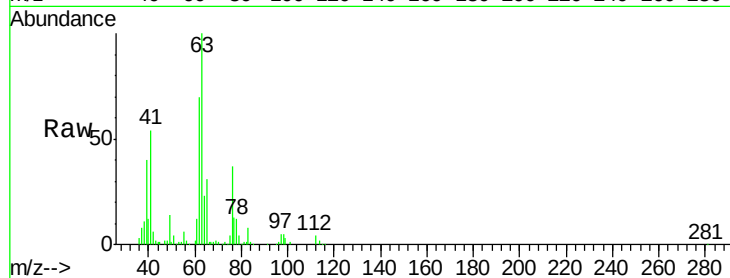
Acq: 4 Mar 2019 13:22

Tot Ion: 63 Resp: 164384

Ion Ratio Lower Upper

63 100

65 31.4 23.6 35.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

80000

60000

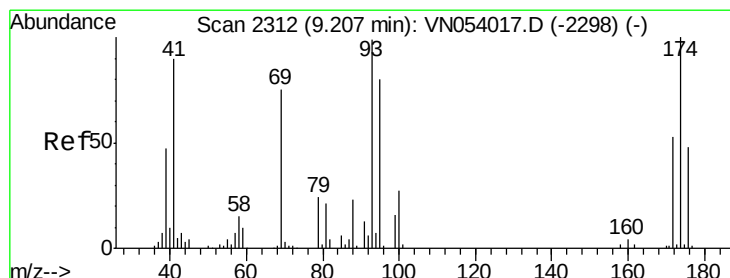
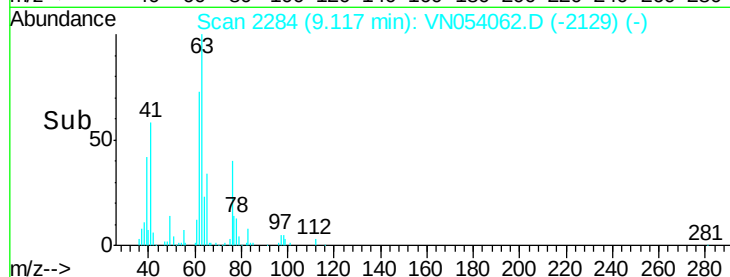
40000

20000

0

9.00 9.10 9.20

Time-->



#40

Dibromomethane

Concen: 20.357 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

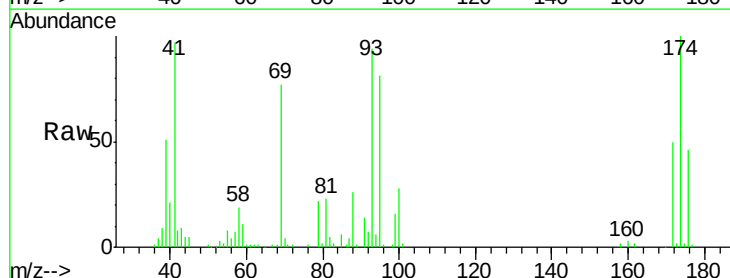
Tgt Ion: 93 Resp: 92035

Ion Ratio Lower Upper

93 100

95 83.5 0.0 168.4

174 106.5 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

60000

50000

40000

30000

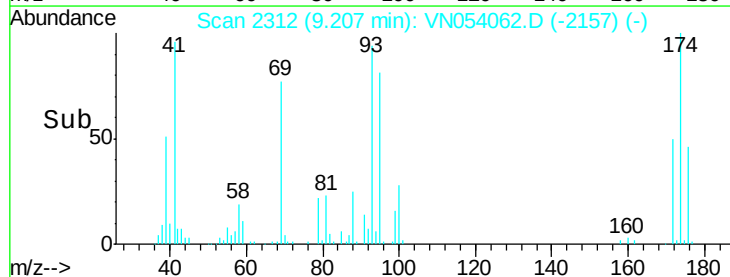
20000

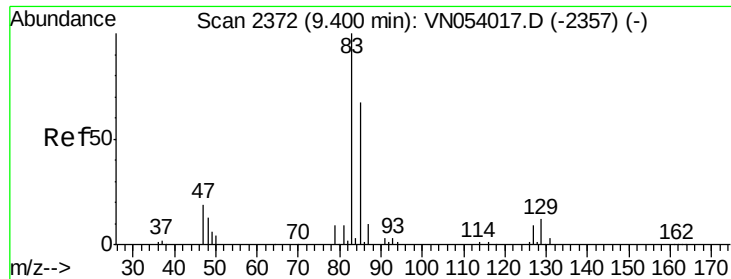
10000

0

9.10 9.15 9.20 9.25 9.30

Time-->





#41

Bromodichloromethane

Concen: 20.597 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

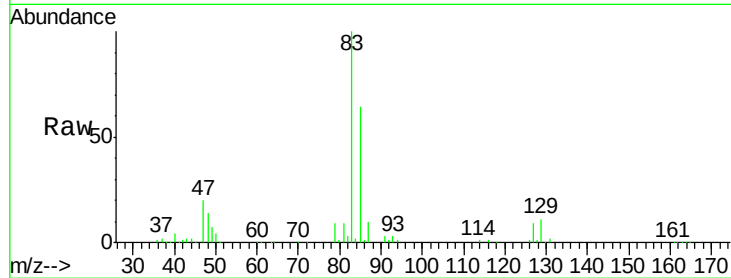
Tot Ion: 83 Resp: 197580

Ion Ratio Lower Upper

83 100

85 63.6 52.4 78.6

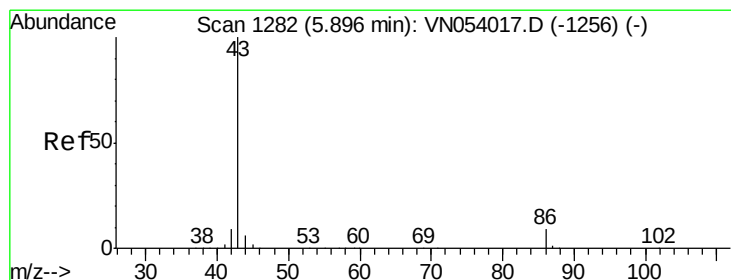
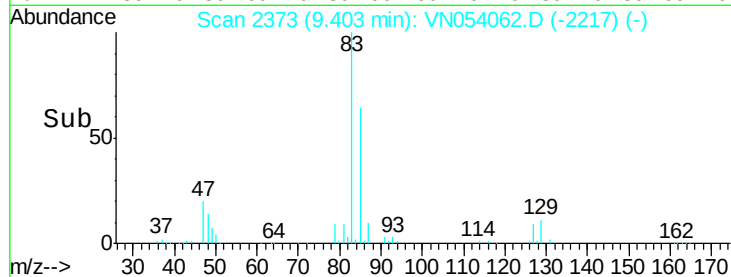
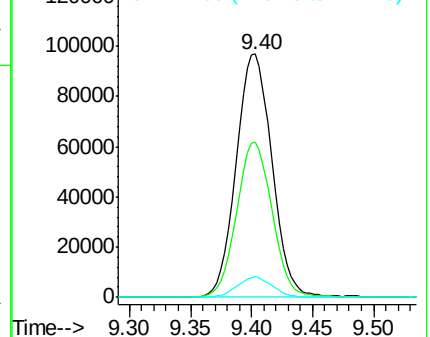
127 8.5 6.6 9.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 98.880 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN054062.D

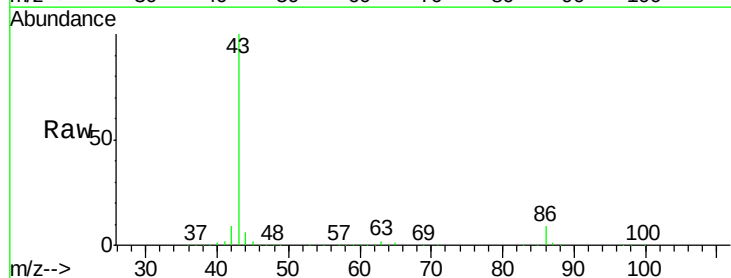
Acq: 4 Mar 2019 13:22

Tgt Ion: 43 Resp: 1562328

Ion Ratio Lower Upper

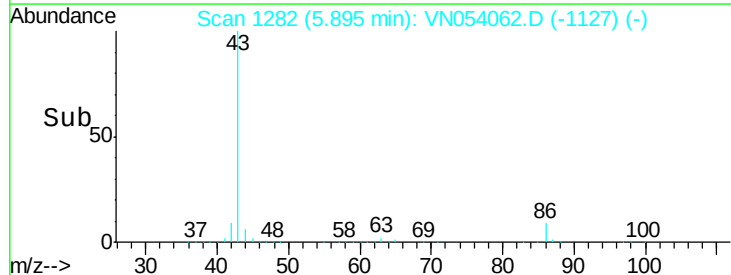
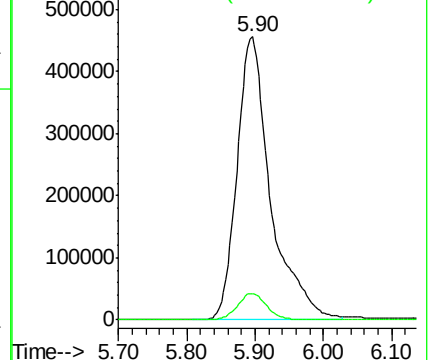
43 100

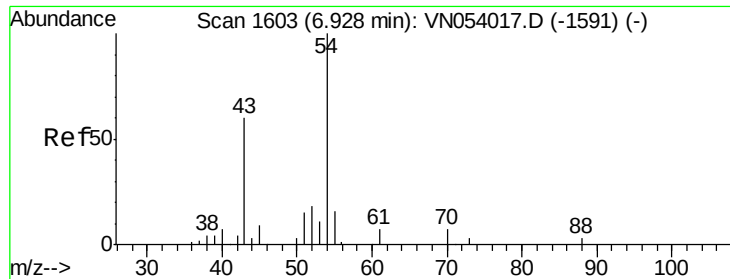
86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 18.075 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VN054062.D

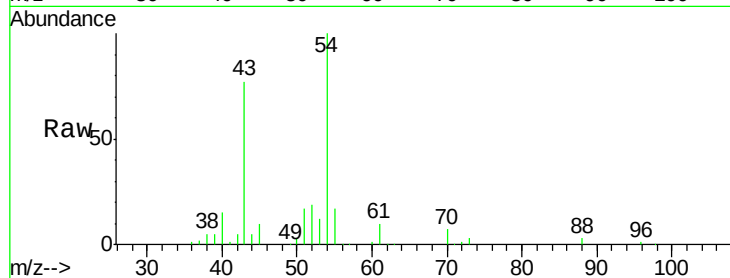
Acq: 4 Mar 2019 13:22

Tot Ion: 43 Resp: 115789

Ion Ratio Lower Upper

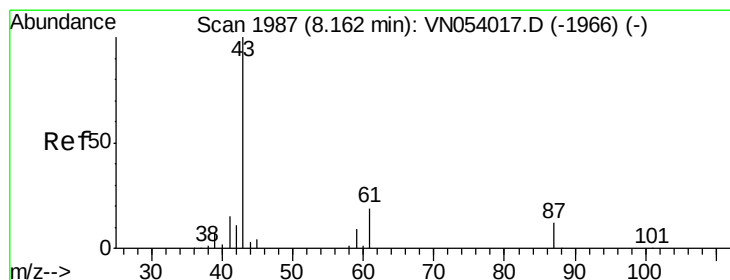
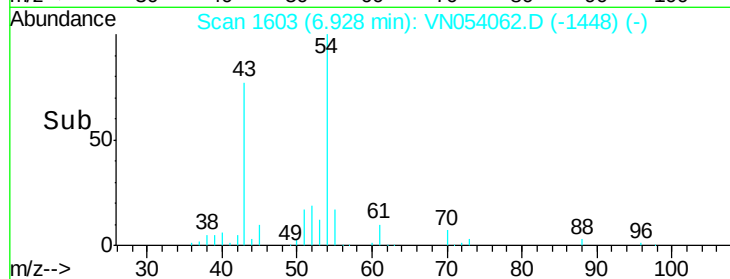
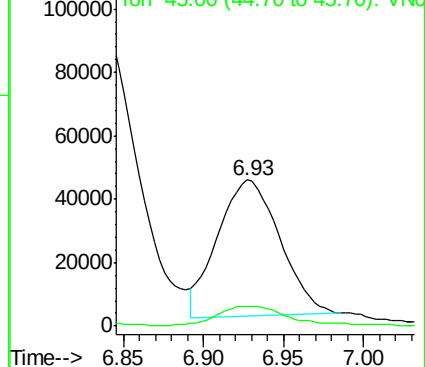
43 100

45 7.1 1.0 1.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 19.573 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN054062.D

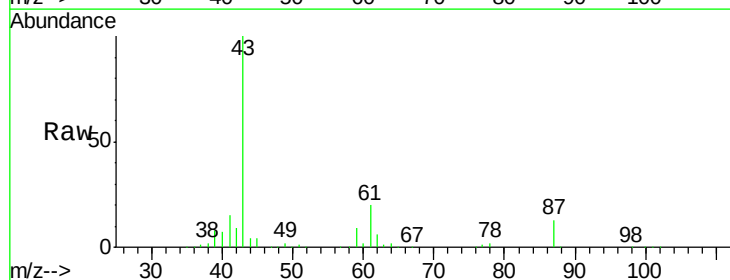
Acq: 4 Mar 2019 13:22

Tgt Ion: 43 Resp: 220014

Ion Ratio Lower Upper

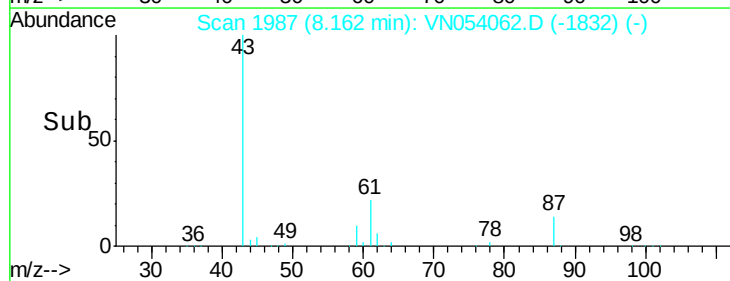
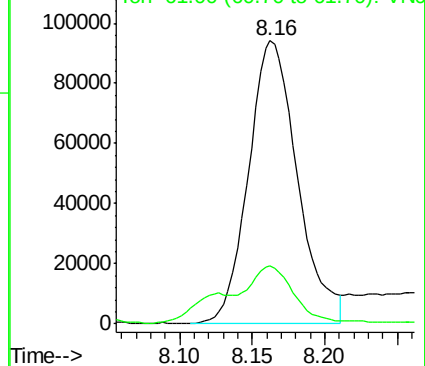
43 100

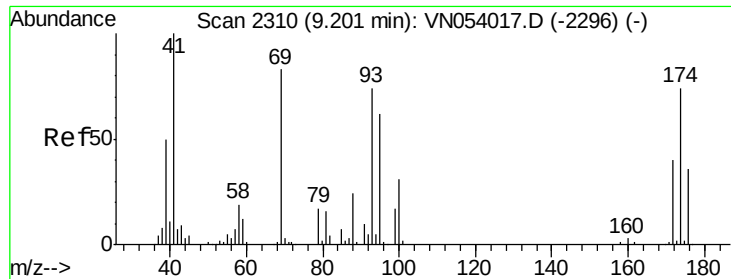
61 16.4 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 447.632 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

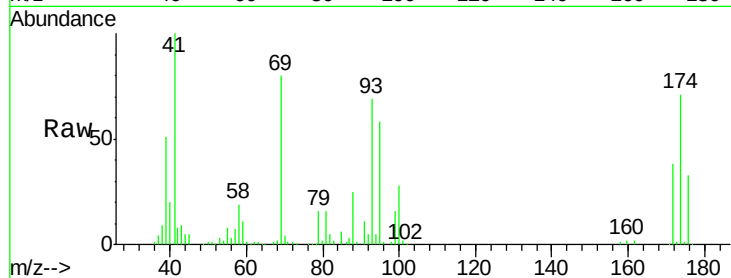
Tot Ion: 88 Resp: 29619

Ion Ratio Lower Upper

88 100

43 33.0 29.5 44.3

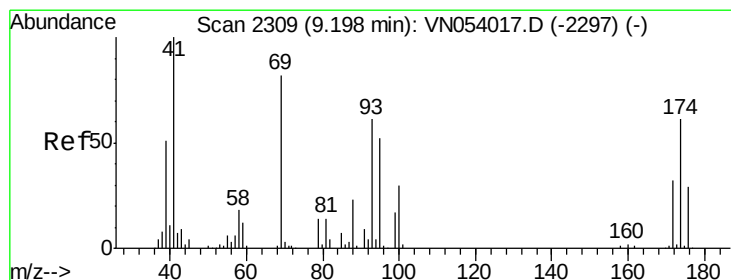
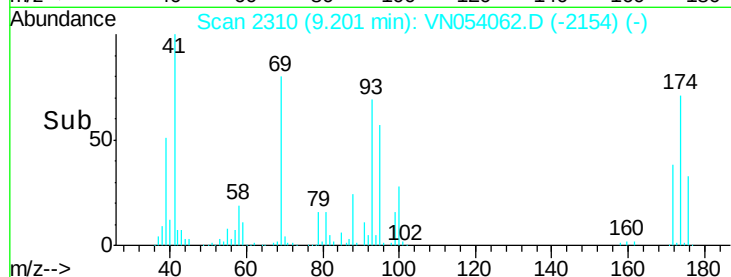
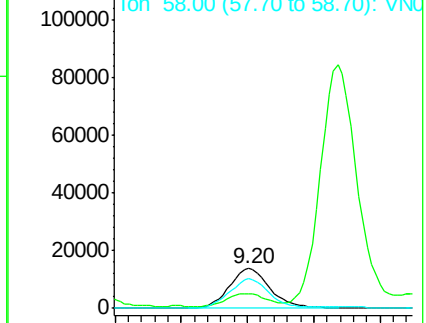
58 71.9 61.5 92.3



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: 19.455 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

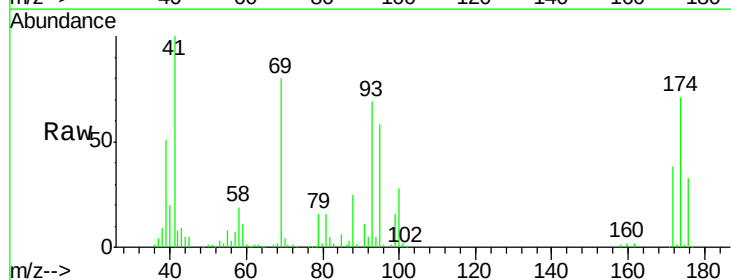
Tgt Ion: 41 Resp: 105044

Ion Ratio Lower Upper

41 100

69 82.3 42.5 127.6

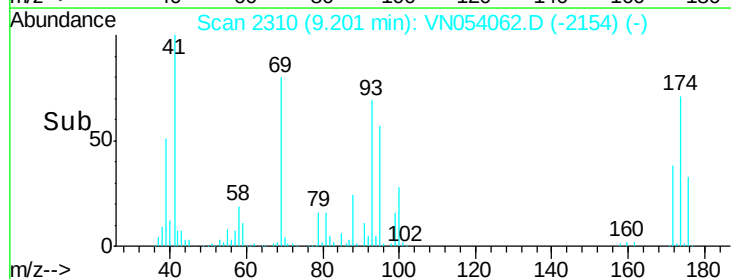
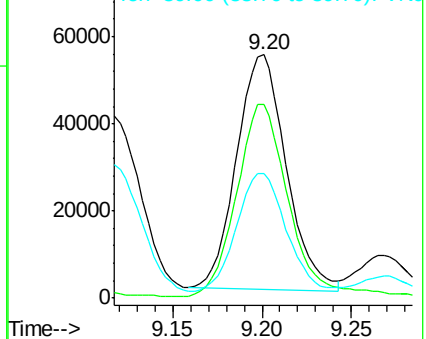
39 50.1 26.3 78.9

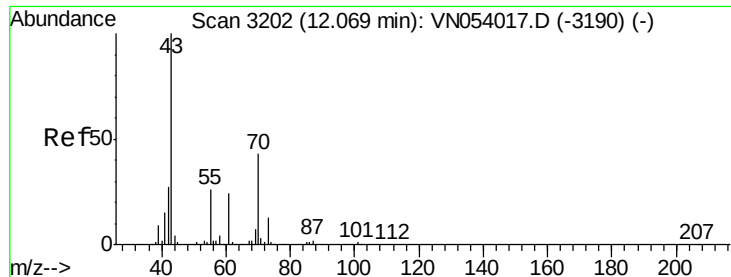


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

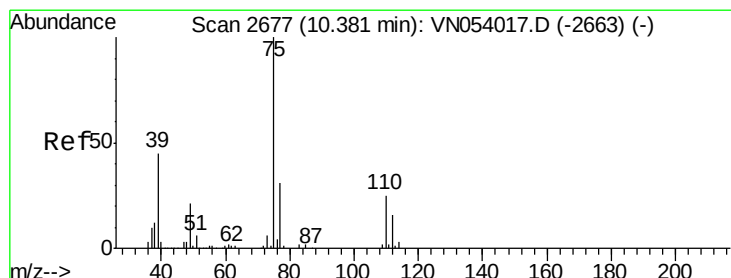
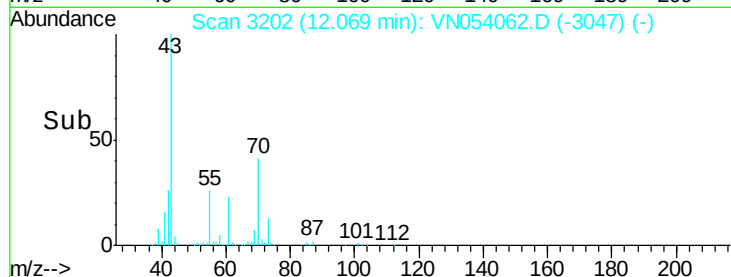
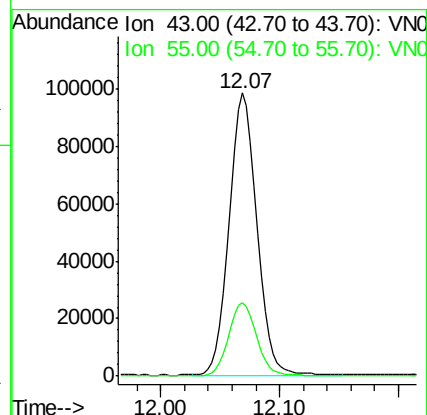
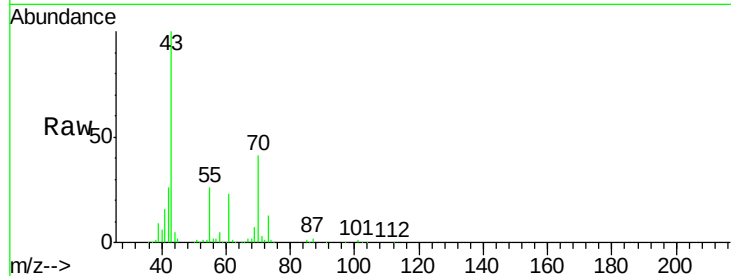
Ion 39.00 (38.70 to 39.70): VN0





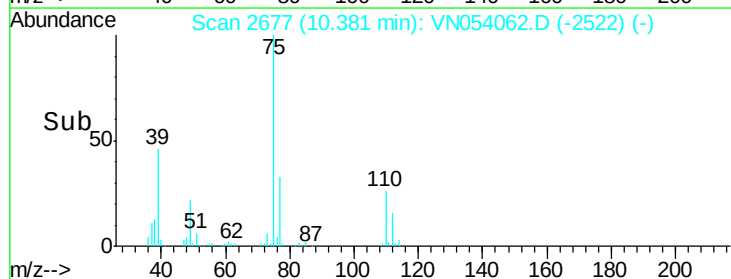
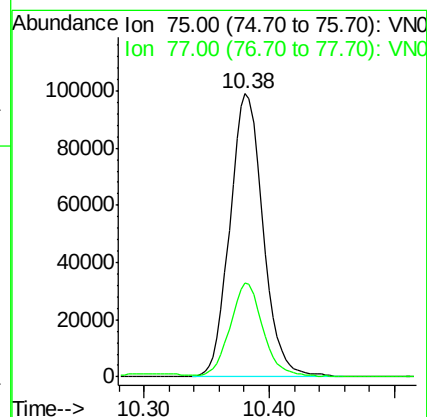
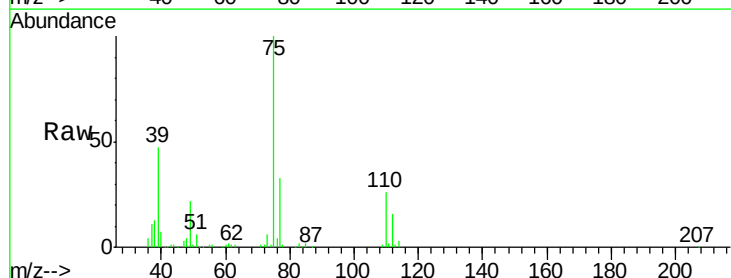
#47
n-amvl Acetate
Concen: 19.180 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

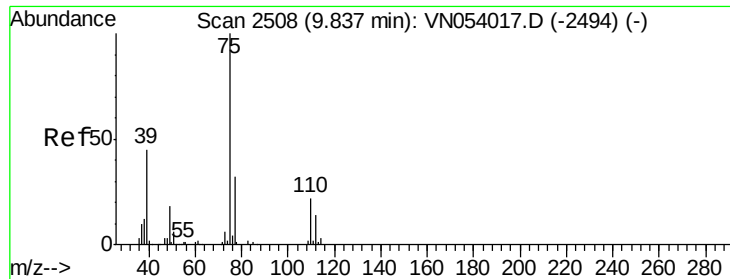
Tot Ion: 43 Resp: 158379
Ion Ratio Lower Upper
43 100
55 26.6 21.1 31.7



#48
t-1,3-Dichloropropene
Concen: 18.920 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion: 75 Resp: 181978
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 19.702 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

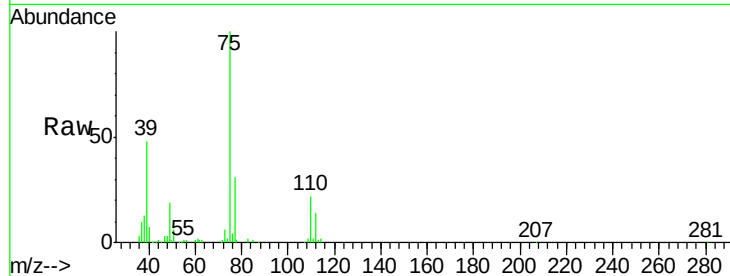
Tot Ion: 75 Resp: 222512

Ion Ratio Lower Upper

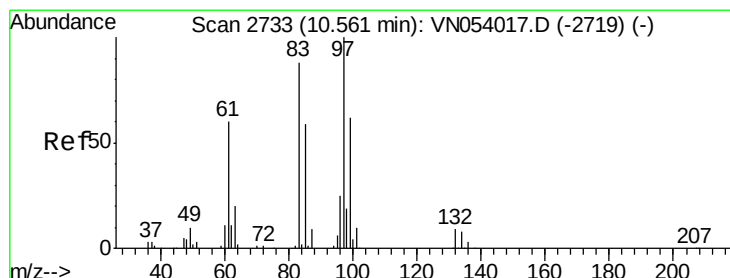
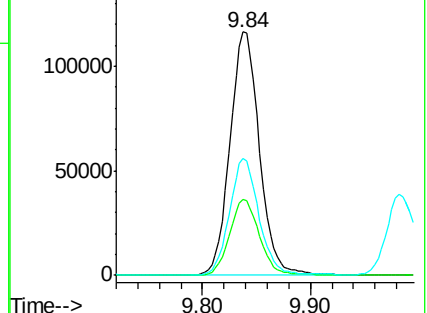
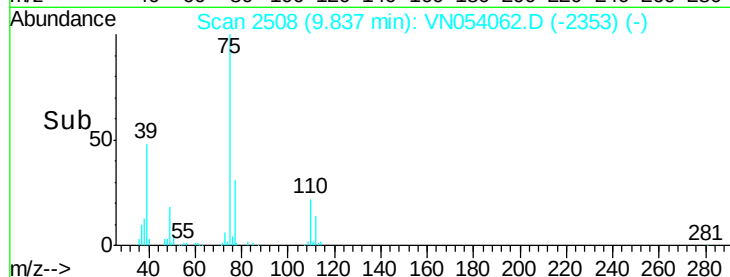
75 100

77 31.3 25.4 38.0

39 48.0 37.3 55.9



Abundance Ion 75.00 (74.70 to 75.70): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane

Concen: 20.271 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

Tgt Ion: 97 Resp: 128555

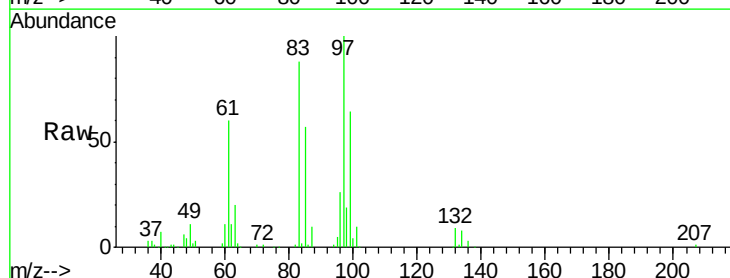
Ion Ratio Lower Upper

97 100

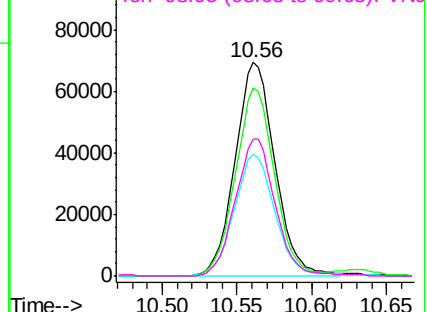
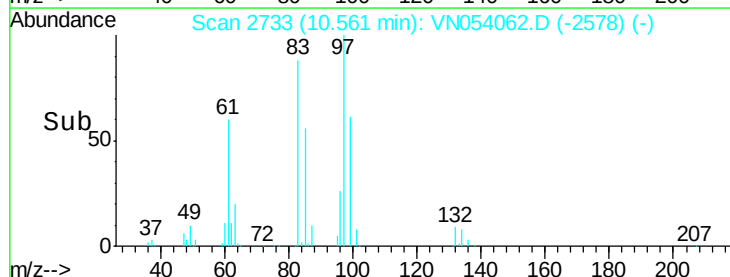
83 87.9 70.4 105.6

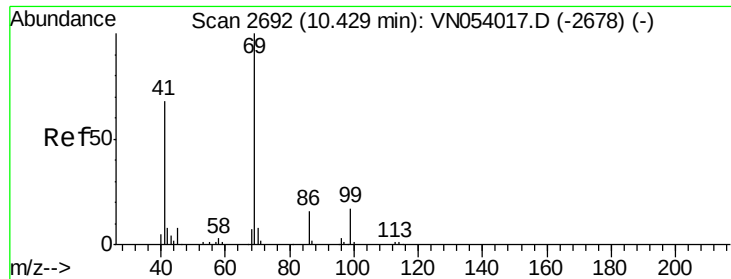
85 56.8 45.0 67.6

99 64.4 50.2 75.2



Abundance Ion 97.00 (96.70 to 97.70): VNO
Ion 82.95 (82.65 to 83.65): VNO
Ion 84.95 (84.65 to 85.65): VNO
Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 18.807 ug/l

RT: 10.43 min Scan# 2692

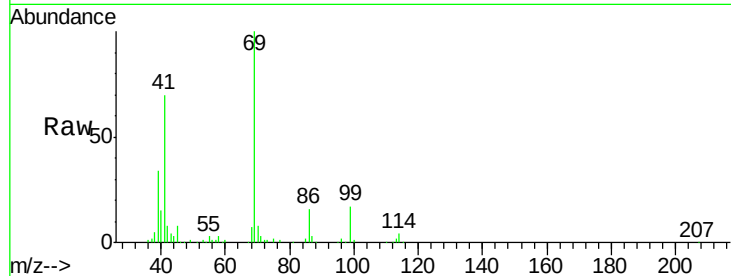
Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

Tot Ion: 69 Resp: 143580

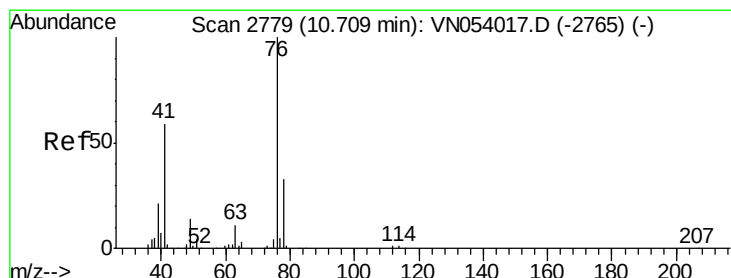
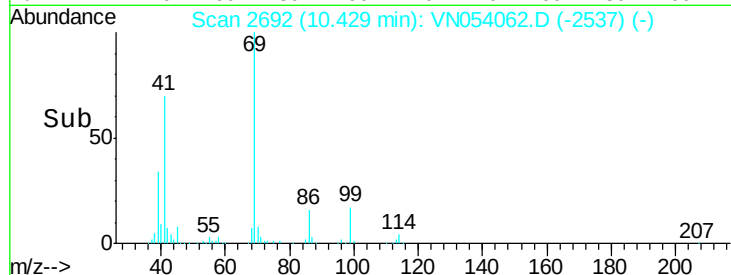
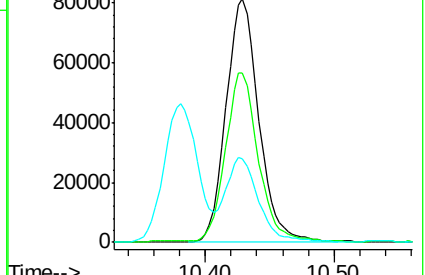
Ion	Ratio	Lower	Upper
69	100		
41	69.3	34.4	103.3
39	33.9	16.4	49.2



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.257 ug/l

RT: 10.71 min Scan# 2778

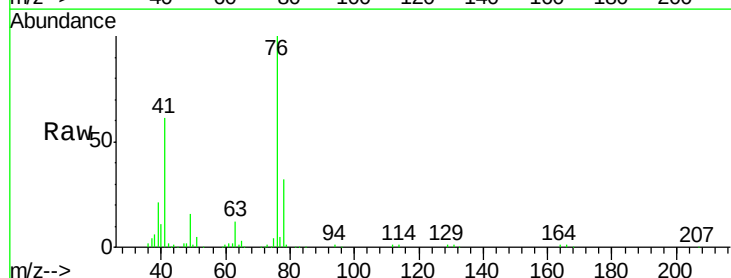
Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

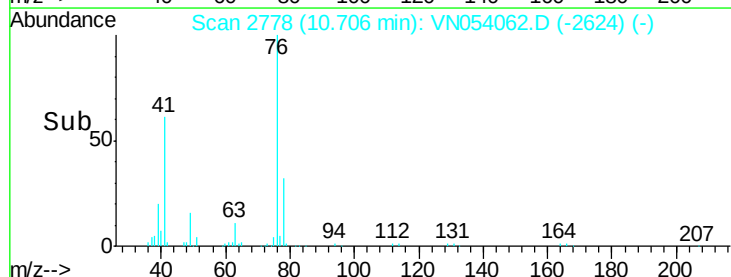
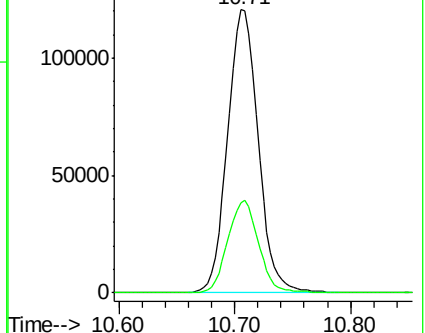
Tgt Ion: 76 Resp: 220480

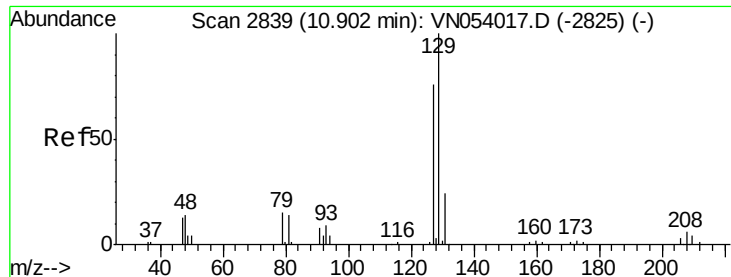
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	64.8



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.801 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN054062.D

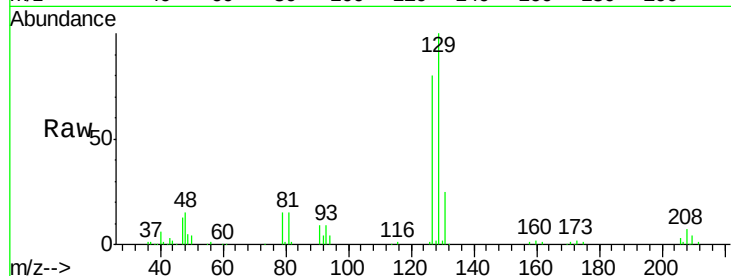
Acq: 4 Mar 2019 13:22

Tot Ion:129 Resp: 137988

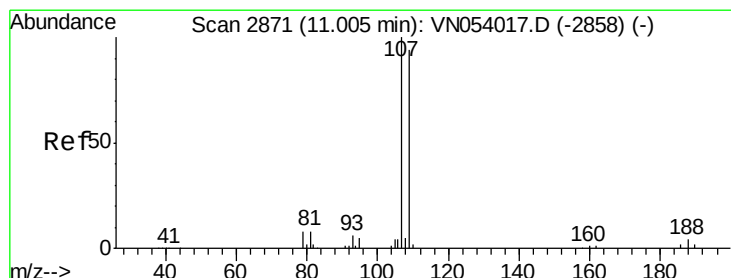
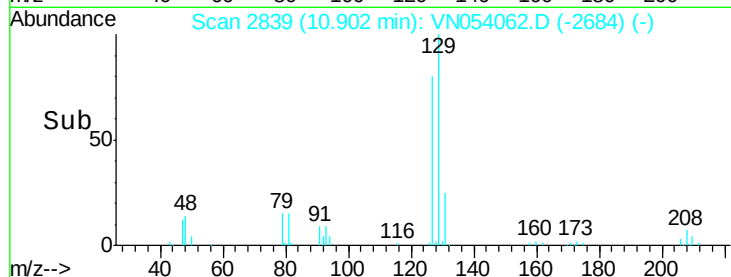
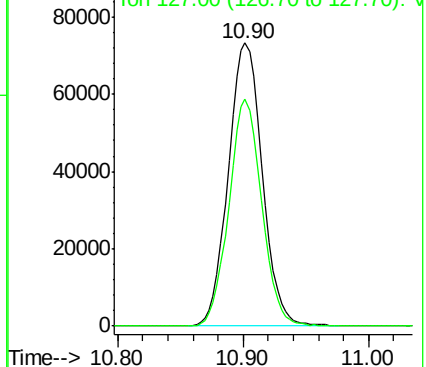
Ion Ratio Lower Upper

129 100

127 77.0 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.964 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN054062.D

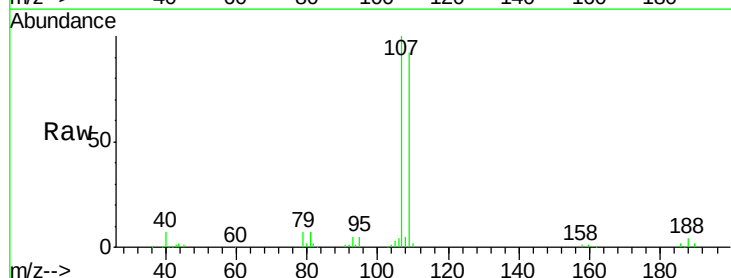
Acq: 4 Mar 2019 13:22

Tgt Ion:107 Resp: 120601

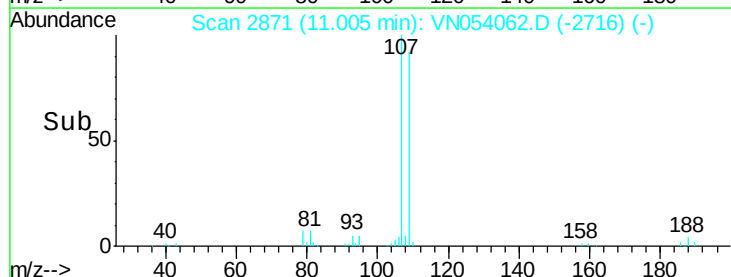
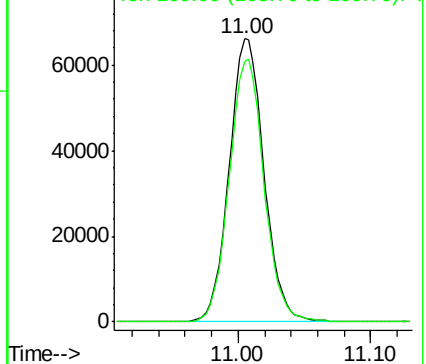
Ion Ratio Lower Upper

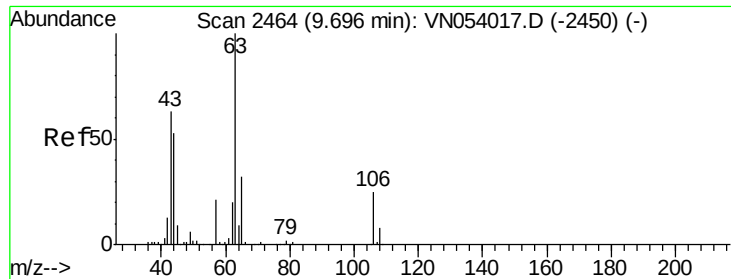
107 100

109 92.7 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

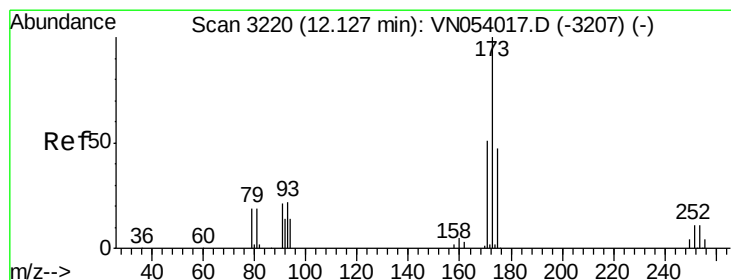
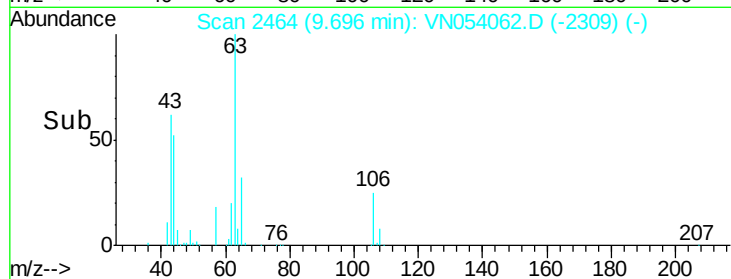
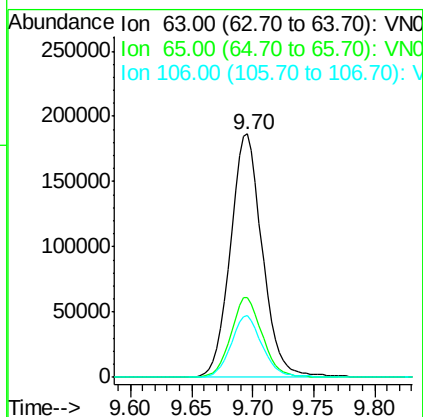
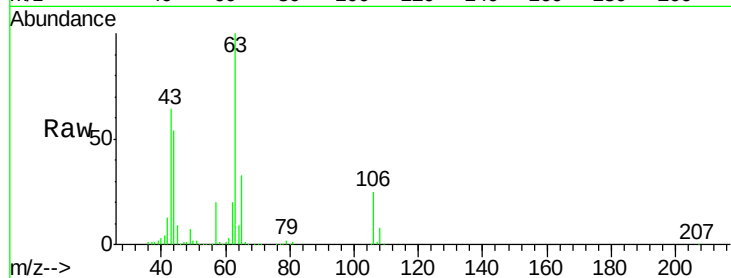




#55
 2-Chloroethyl vinyl ether
 Concen: 95.973 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tot Ion: 63 Resp: 340019

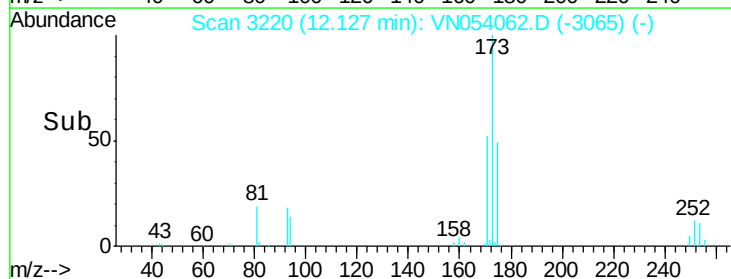
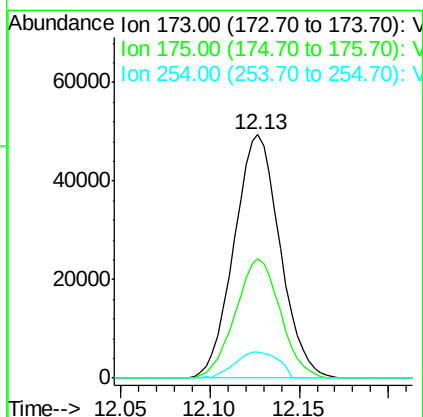
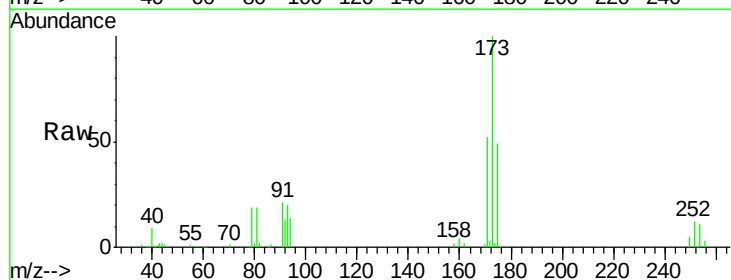
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.4	38.2
106	24.8	20.4	30.6

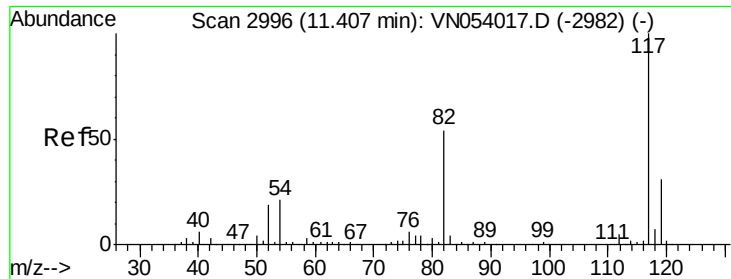


#56
 Bromoform
 Concen: 19.206 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tgt Ion: 173 Resp: 88865

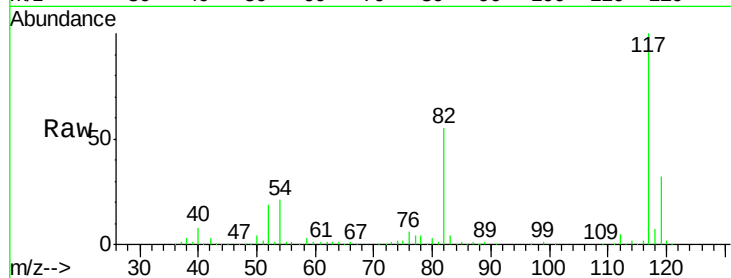
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.7	58.1
254	10.1	8.4	12.6



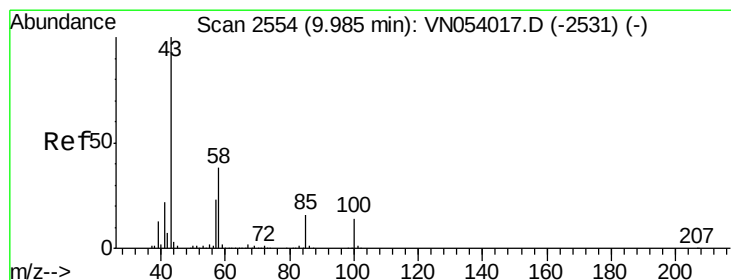
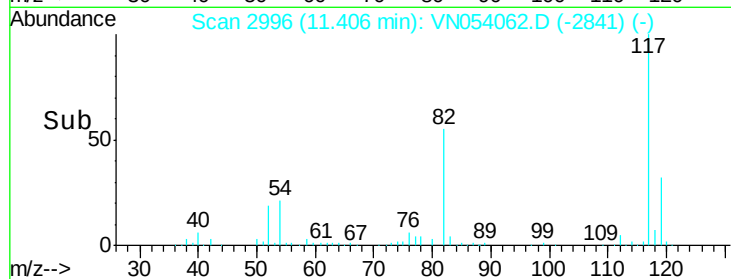
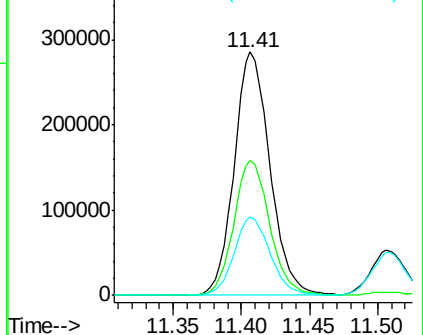


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tot Ion:117 Resp: 519129
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.5 25.4 38.2

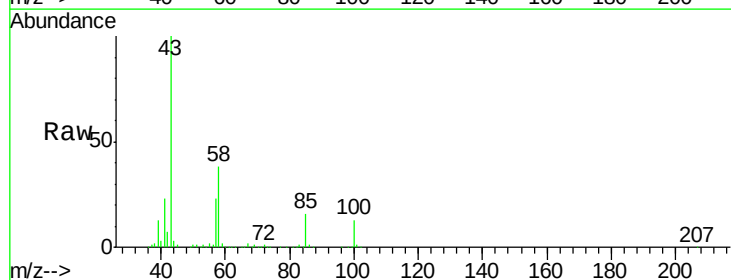


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

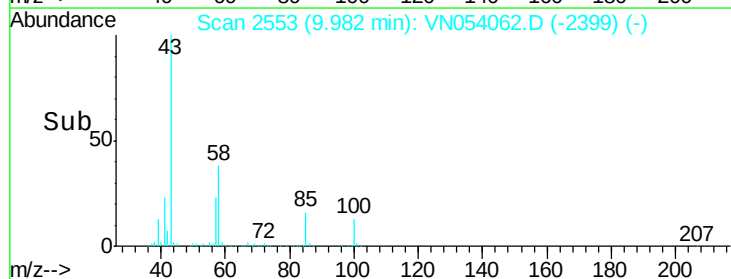
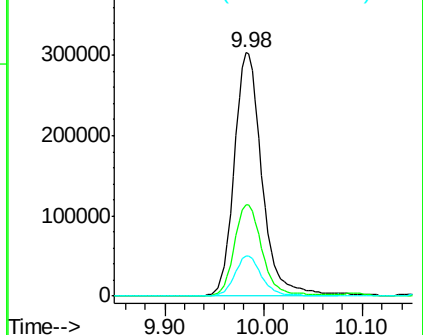


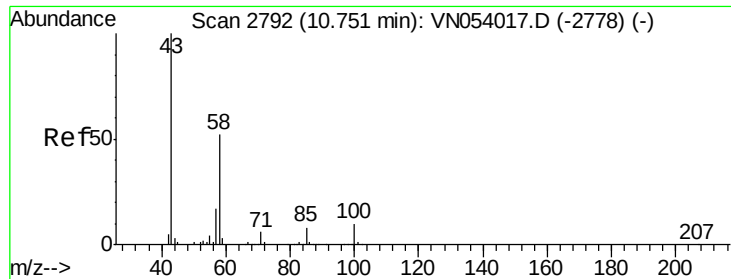
#58
4-Methyl-2-Pentanone
Concen: 100.828 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion: 43 Resp: 589803
Ion Ratio Lower Upper
43 100
58 38.2 31.6 47.4
85 16.2 13.3 19.9



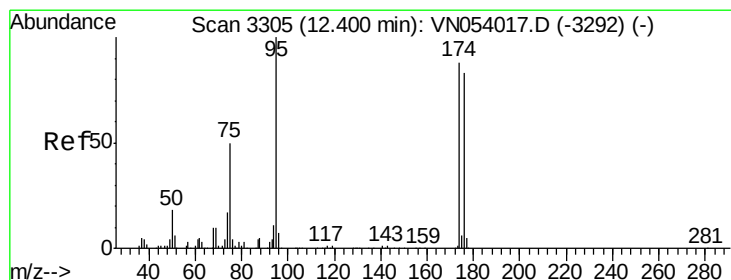
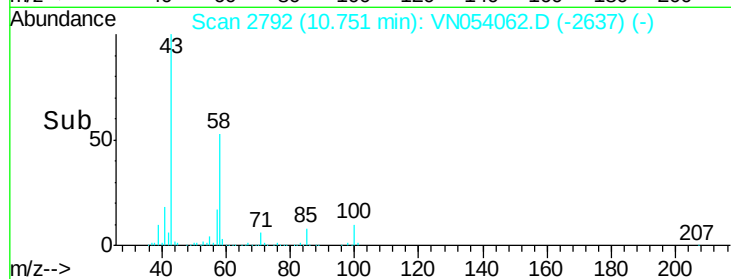
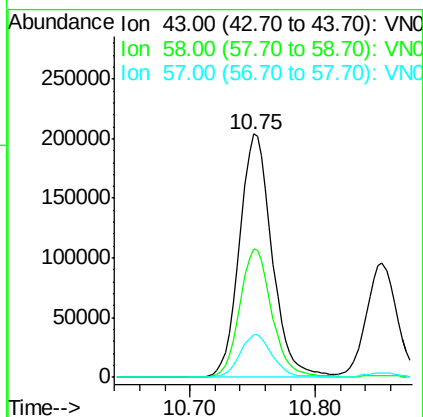
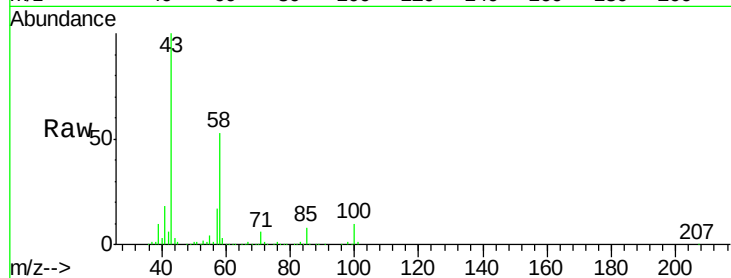
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





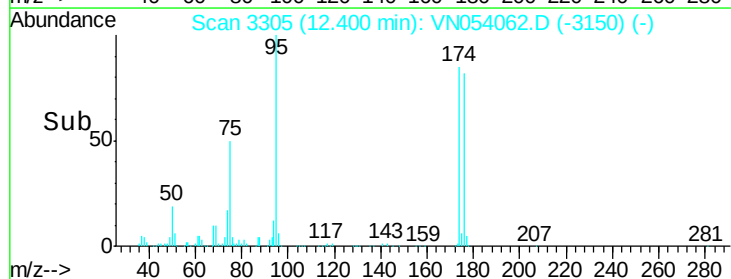
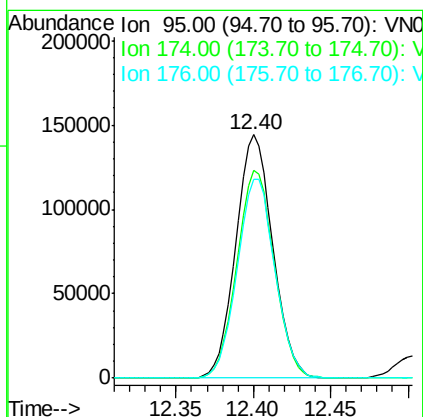
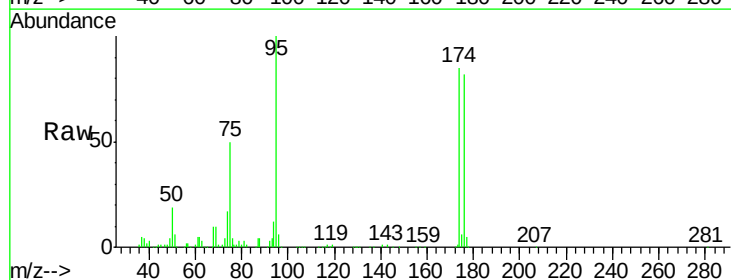
#59
2-Hexanone
Concen: 96.069 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

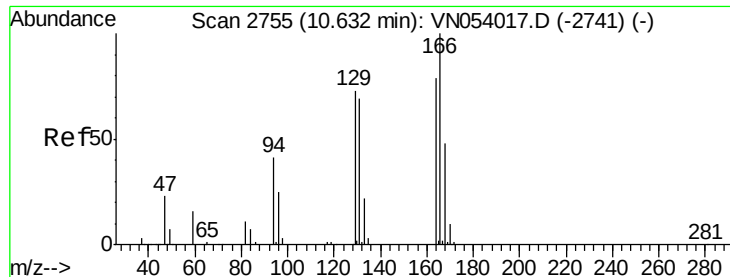
Tot Ion: 43 Resp: 367163
Ion Ratio Lower Upper
43 100
58 52.2 43.2 64.8
57 17.6 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 96.069 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion: 95 Resp: 239398
Ion Ratio Lower Upper
95 100
174 86.4 67.9 101.9
176 83.7 66.4 99.6





#61

Tetrachloroethene

Concen: 21.639 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

Tot Ion:164 Resp: 156165

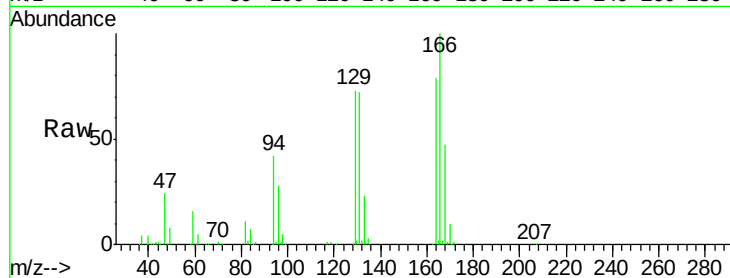
Ion Ratio Lower Upper

164 100

166 126.7 104.6 157.0

129 92.3 75.3 112.9

131 91.5 74.3 111.5

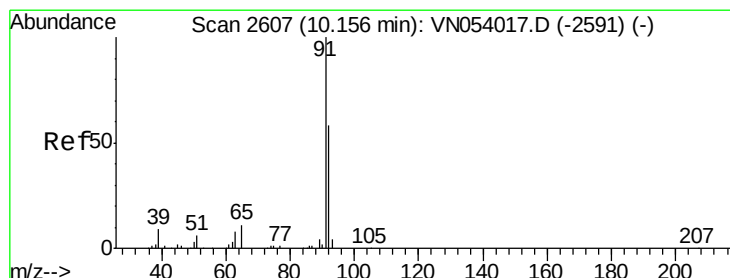
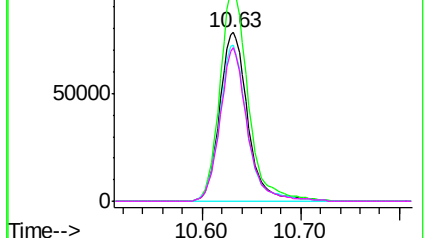
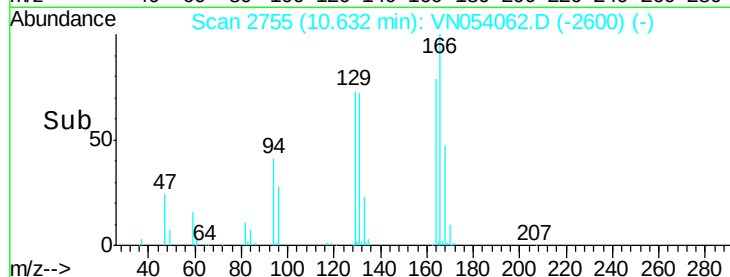


Abundance Ion 163.85 (163.55 to 164.55): V

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: 21.131 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054062.D

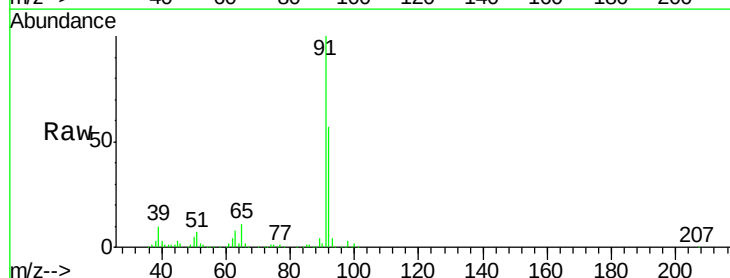
Acq: 4 Mar 2019 13:22

Tgt Ion: 91 Resp: 613063

Ion Ratio Lower Upper

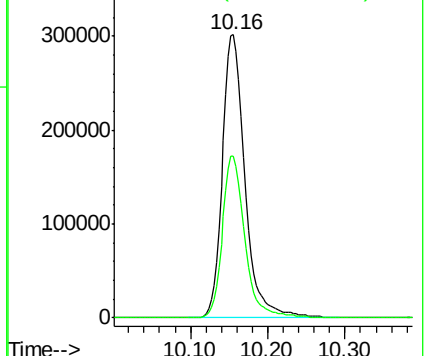
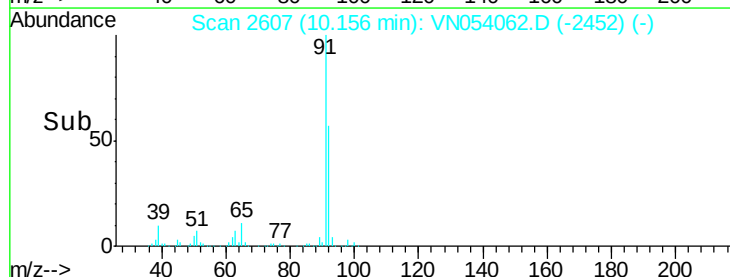
91 100

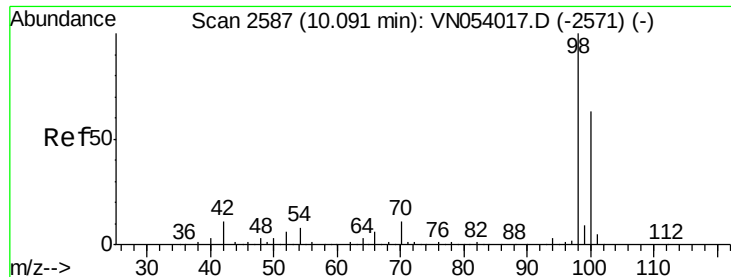
92 57.0 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

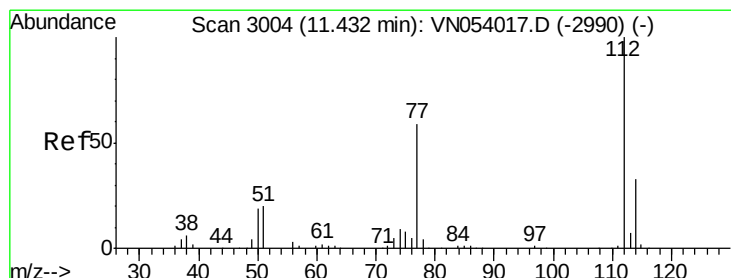
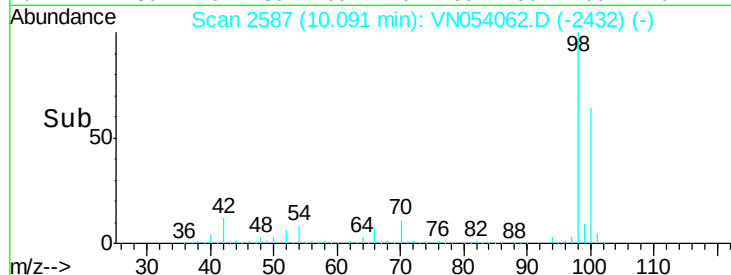
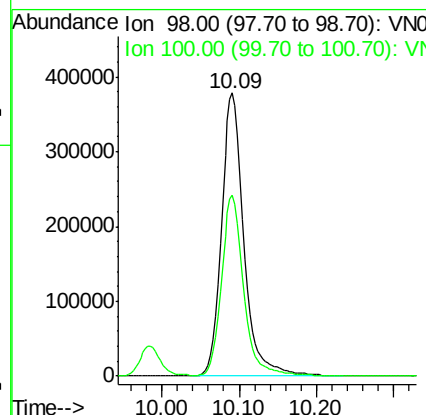
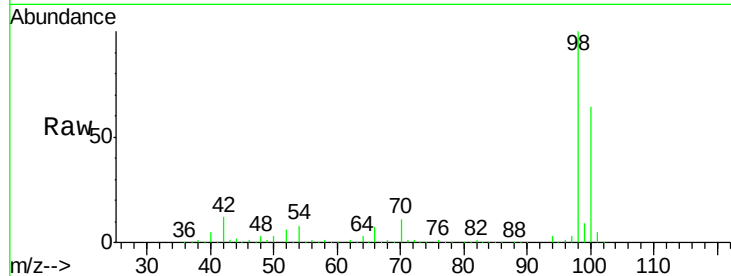
Ion 92.00 (91.70 to 92.70): VN0





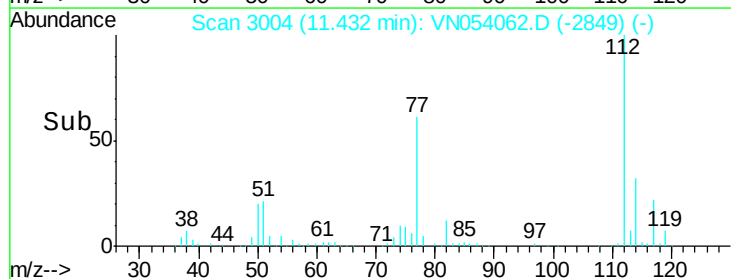
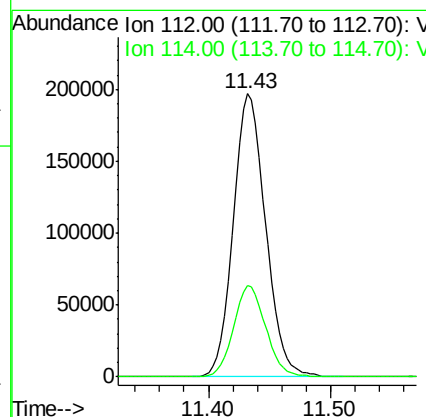
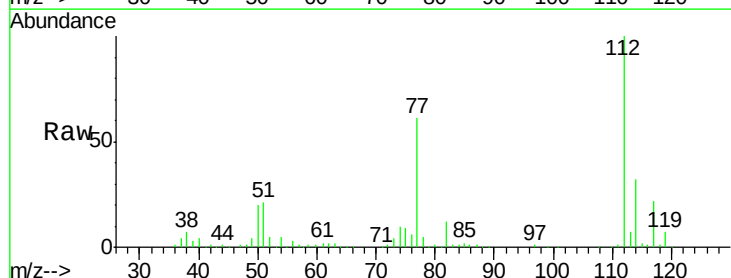
#63
Toluene-d8
Concen: 21.131 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

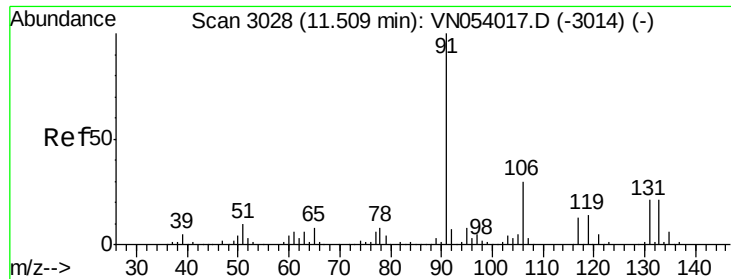
Tot Ion: 98 Resp: 768585
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7



#64
Chlorobenzene
Concen: 20.576 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion: 112 Resp: 363508
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.998 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

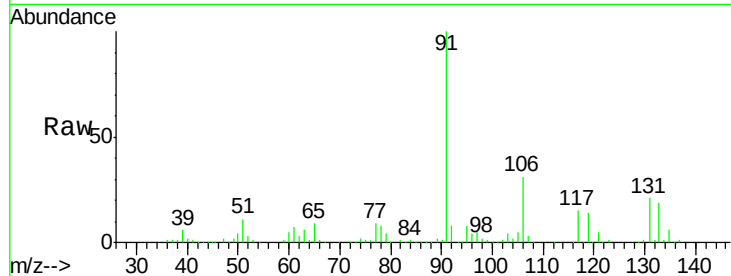
Tot Ion:131 Resp: 136214

Ion Ratio Lower Upper

131 100

133 91.8 0.0 193.4

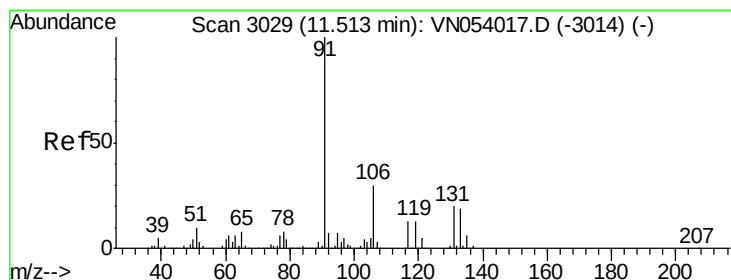
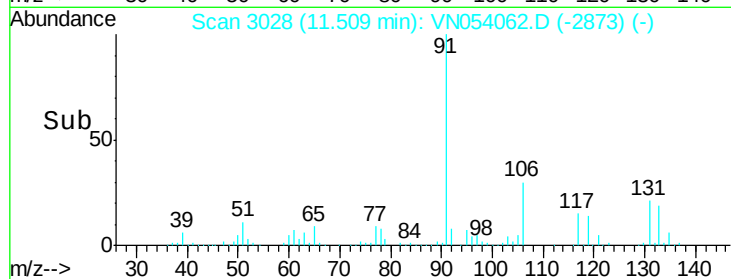
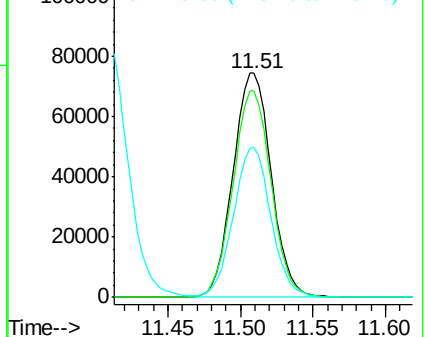
119 65.6 0.0 133.0



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: 20.530 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054062.D

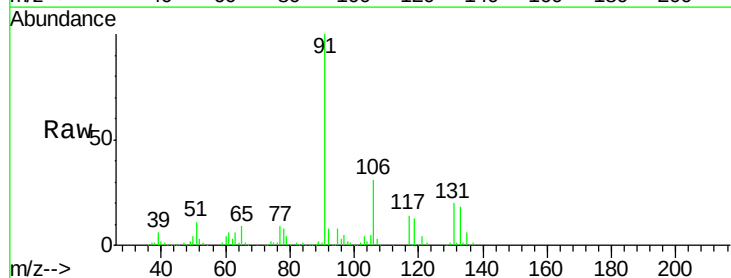
Acq: 4 Mar 2019 13:22

Tgt Ion: 91 Resp: 622613

Ion Ratio Lower Upper

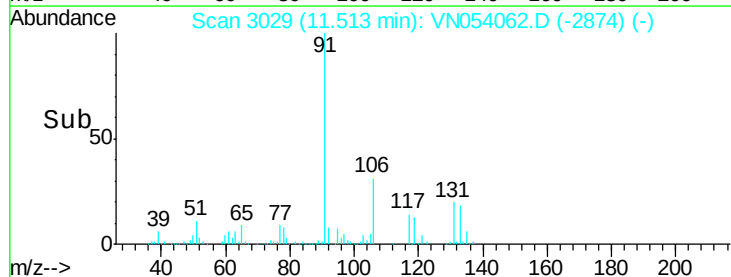
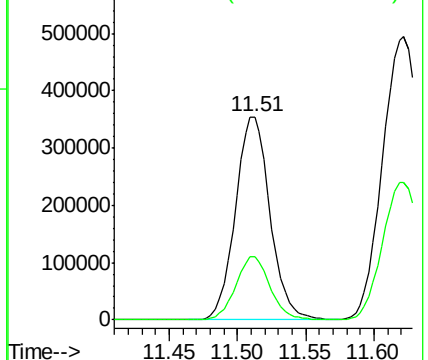
91 100

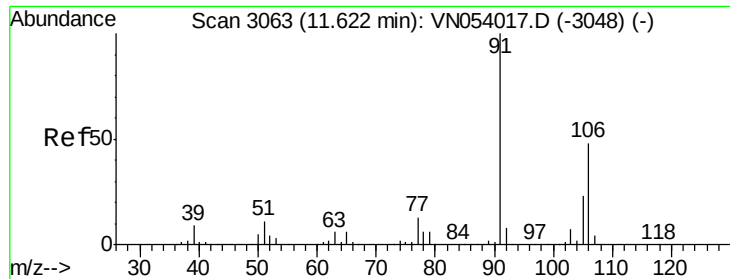
106 31.1 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

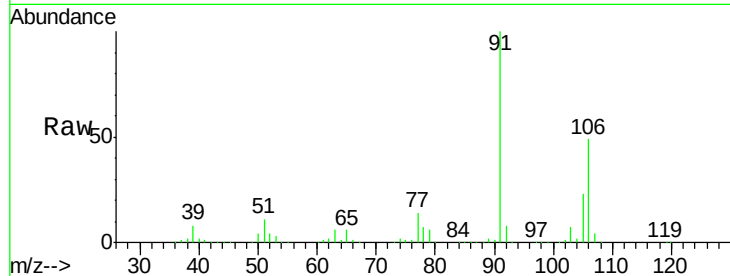
Ion 106.00 (105.70 to 106.70): V



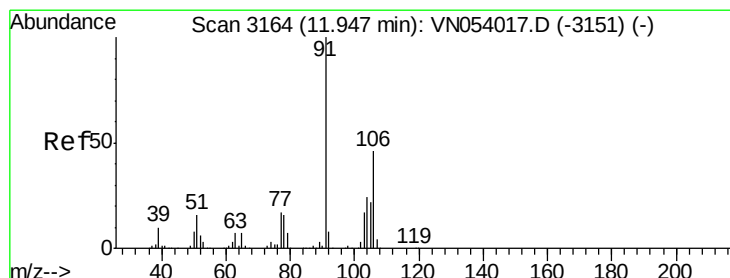
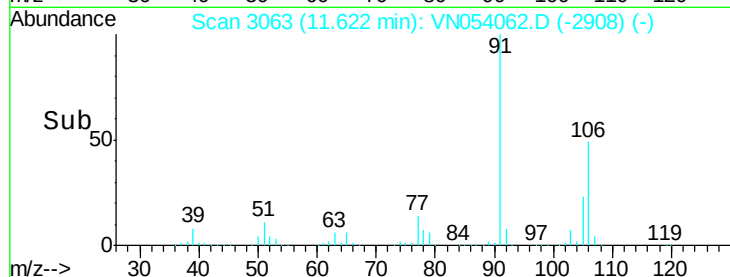
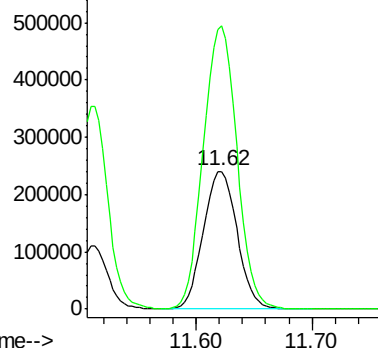


#67
m/p-Xylenes
Concen: 42.623 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tot Ion:106 Resp: 486658
Ion Ratio Lower Upper
106 100
91 204.0 163.9 245.9

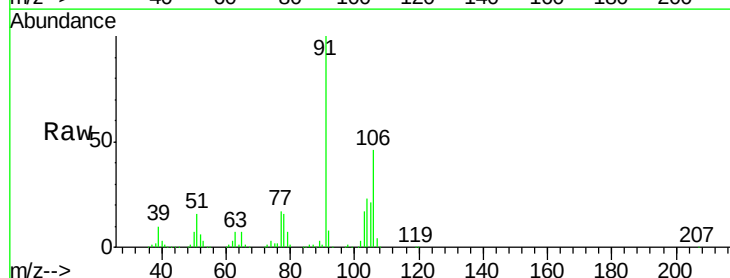


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

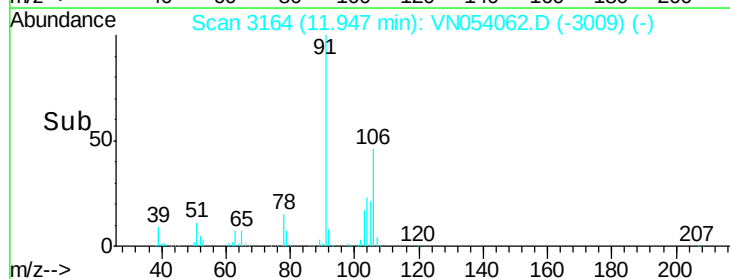
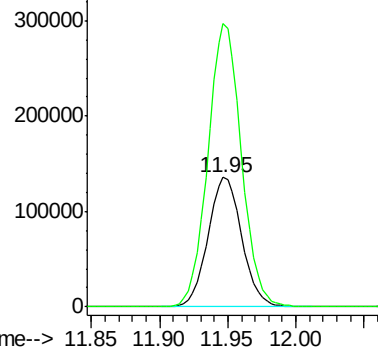


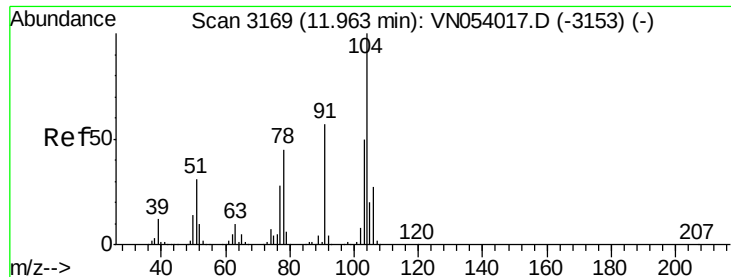
#68
o-Xylene
Concen: 21.058 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion:106 Resp: 233072
Ion Ratio Lower Upper
106 100
91 216.6 107.8 323.4



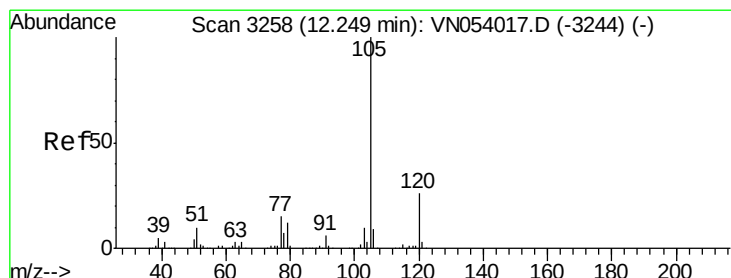
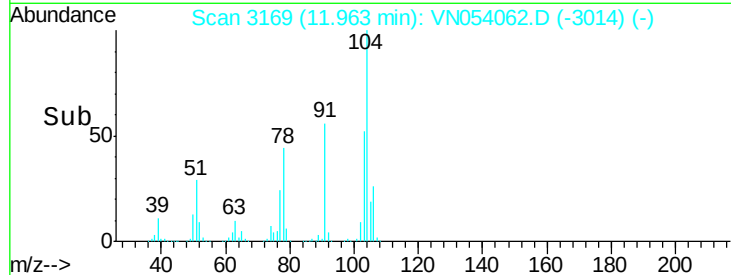
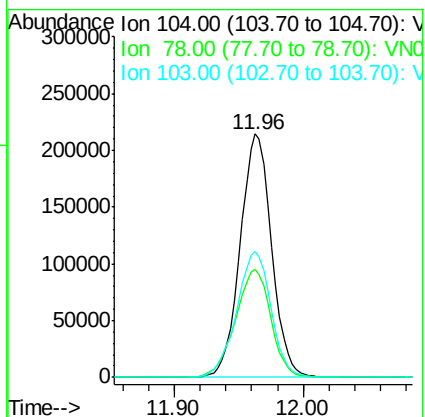
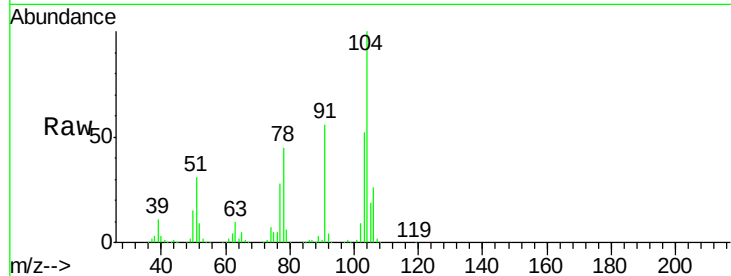
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





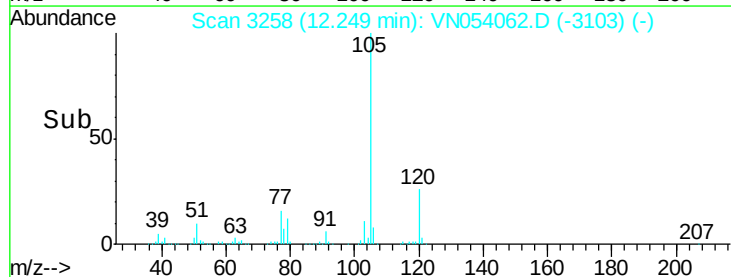
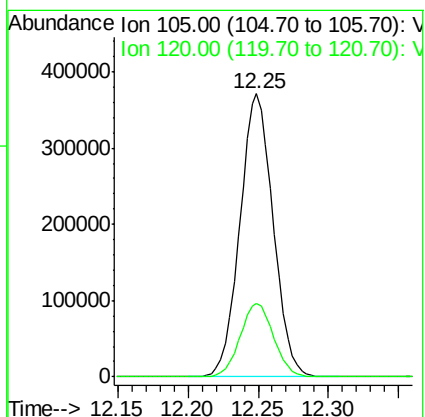
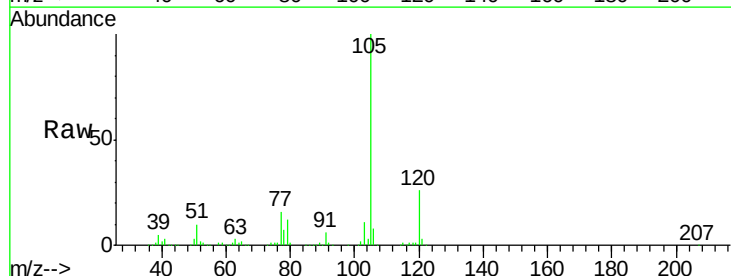
#69
 Stvrene
 Concen: 20.712 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

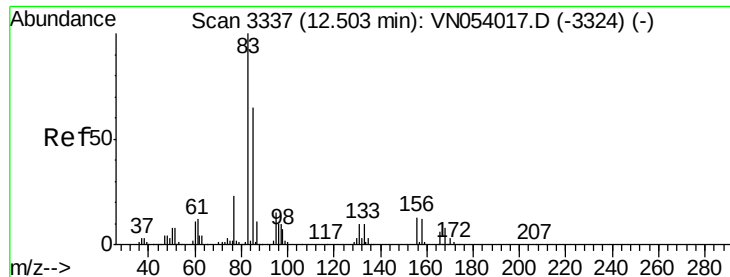
Tot Ion:104 Resp: 362991
 Ion Ratio Lower Upper
 104 100
 78 49.9 39.3 58.9
 103 56.6 44.6 66.8



#70
 Isopropylbenzene
 Concen: 21.069 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tgt Ion:105 Resp: 612034
 Ion Ratio Lower Upper
 105 100
 120 26.3 18.6 34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 20.206 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

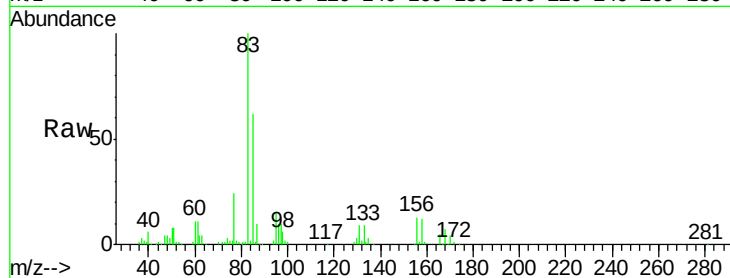
Tot Ion: 83 Resp: 144878

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	64.4	32.2	96.6

83 100

131 9.7 4.9 14.6

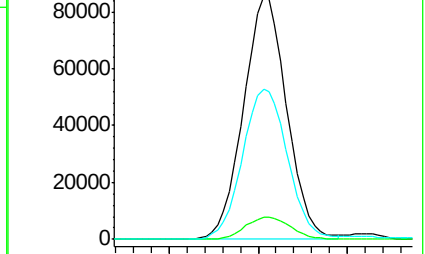
85 64.4 32.2 96.6



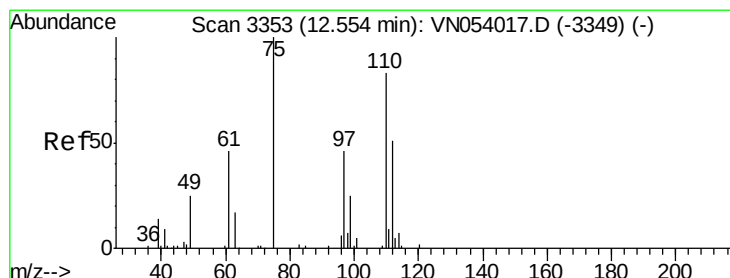
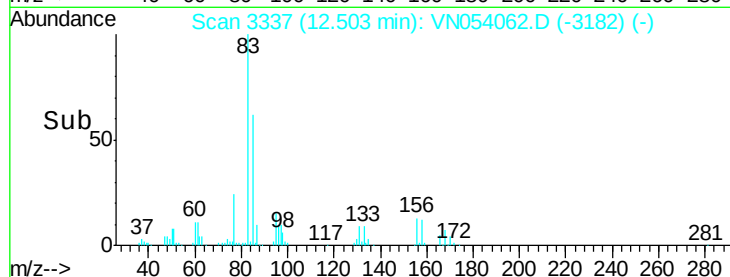
Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



Time-->



#72

1,2,3-Trichloropropane

Concen: 32.080 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN054062.D

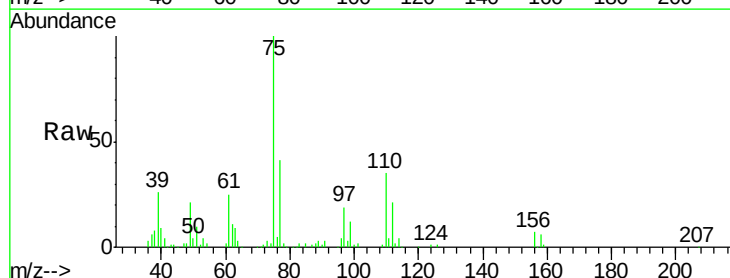
Acq: 4 Mar 2019 13:22

Tgt Ion: 75 Resp: 174653

Ion	Ratio	Lower	Upper
75	100		
77	161.4	0.0	514.8

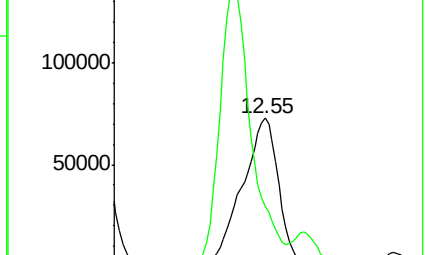
75 100

77 161.4 0.0 514.8

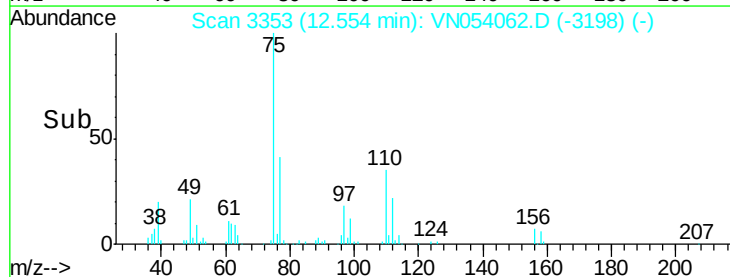


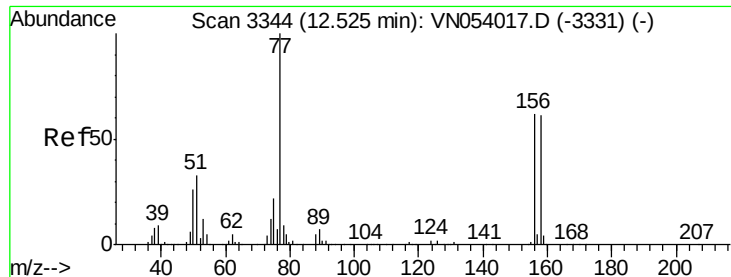
Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#73

Bromobenzene

Concen: 20.157 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

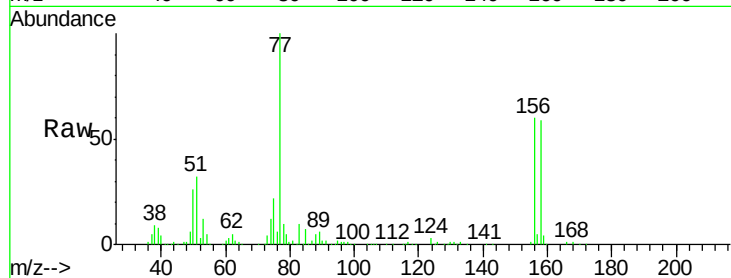
Tot Ion:156 Resp: 147633

Ion Ratio Lower Upper

156 100

77 190.9 0.0 382.6

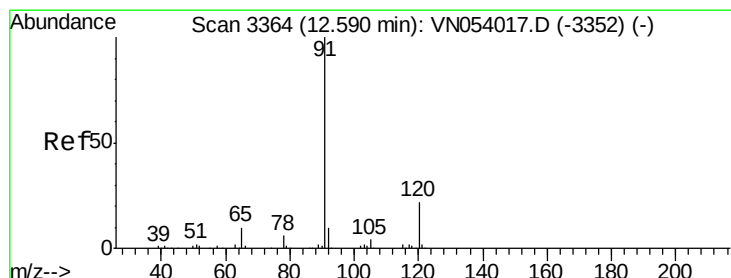
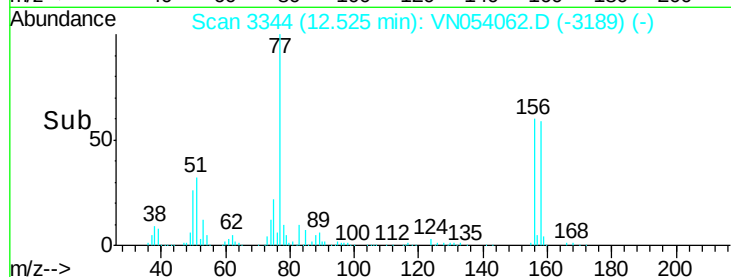
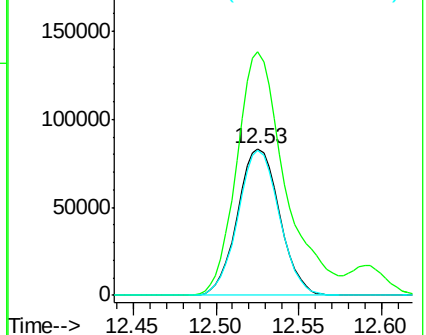
158 97.0 0.0 196.8



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: 20.904 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054062.D

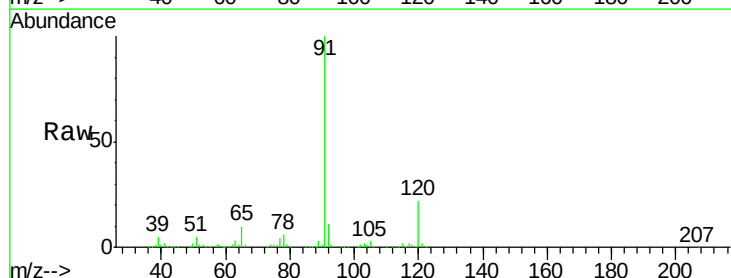
Acq: 4 Mar 2019 13:22

Tgt Ion: 91 Resp: 723094

Ion Ratio Lower Upper

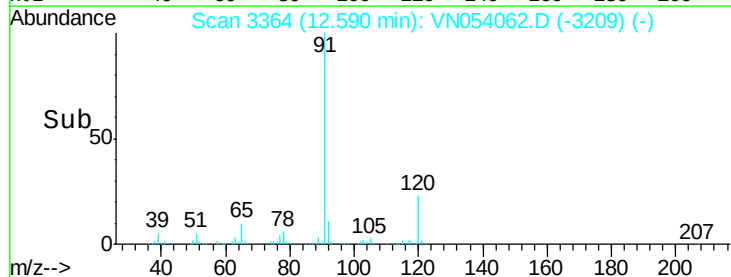
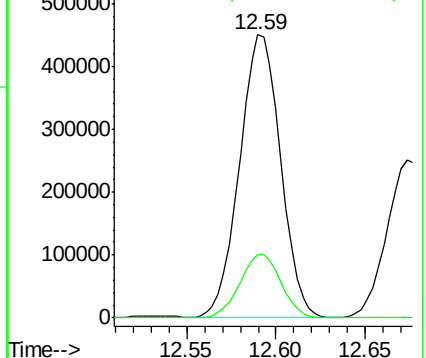
91 100

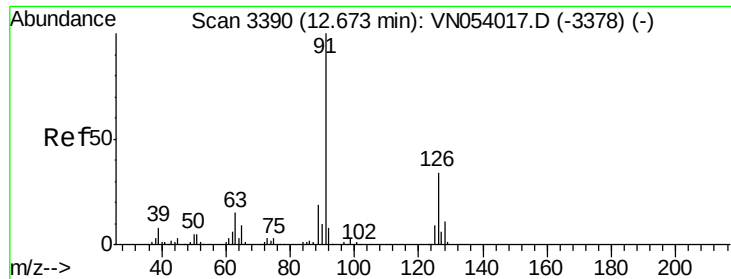
120 22.6 0.0 44.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.007 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054062.D

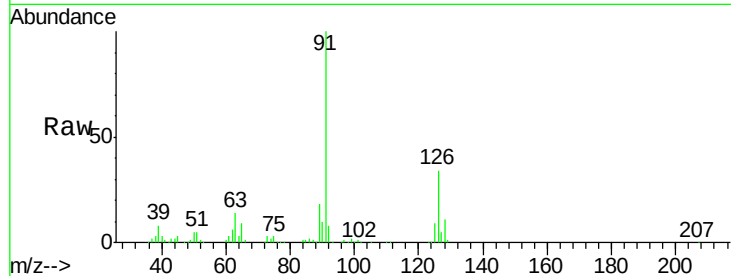
Acq: 4 Mar 2019 13:22

Tot Ion: 91 Resp: 425531

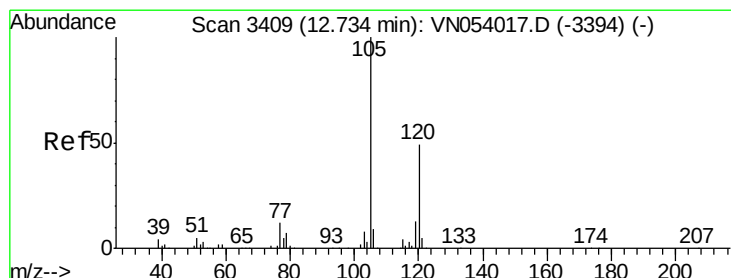
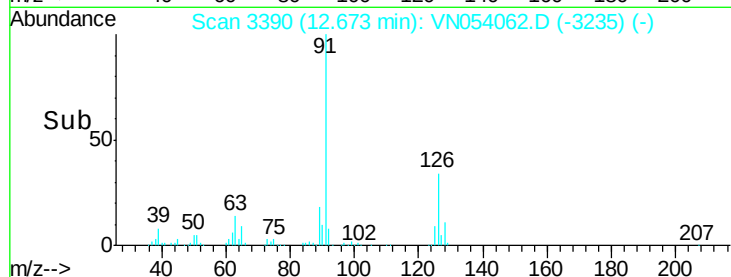
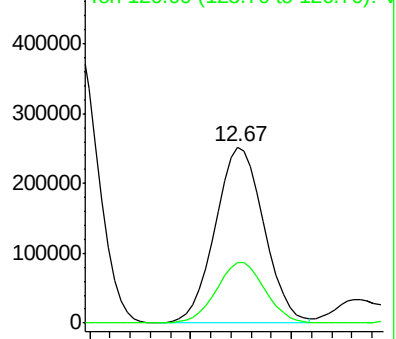
Ion Ratio Lower Upper

91 100

126 34.4 0.0 68.4



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



#76

1,3,5-Trimethylbenzene

Concen: 21.124 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054062.D

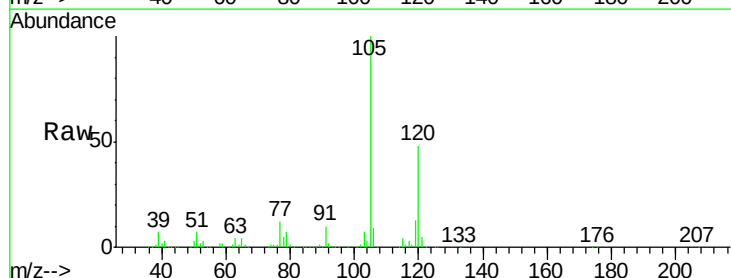
Acq: 4 Mar 2019 13:22

Tgt Ion: 105 Resp: 519789

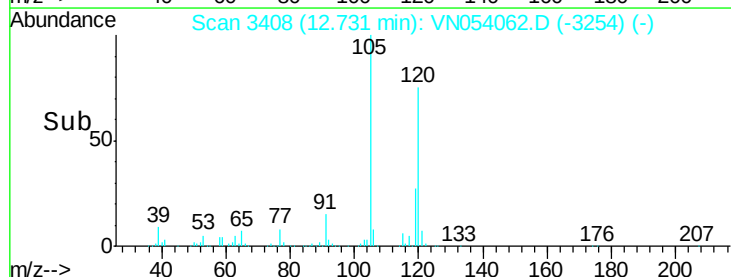
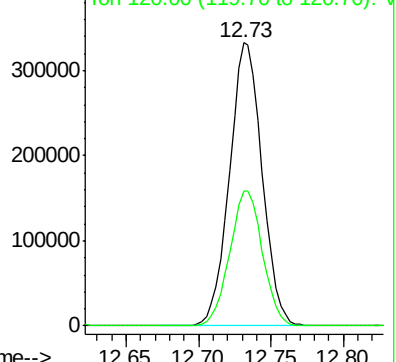
Ion Ratio Lower Upper

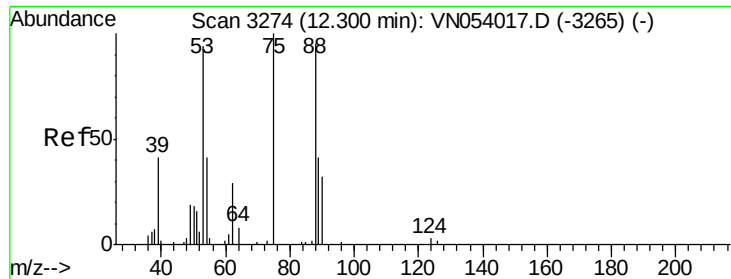
105 100

120 48.3 0.0 97.4



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





#77

t-1,4-Dichloro-2-butene

Concen: 17.943 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

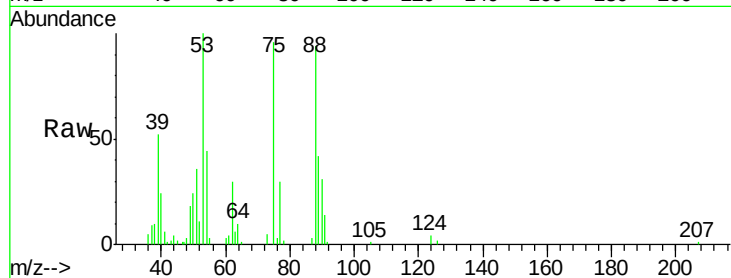
Tot Ion: 75 Resp: 34762

Ion	Ratio	Lower	Upper
75	100		
53	103.5	48.5	145.6
89	43.6	21.7	65.1

75 100

53 103.5 48.5 145.6

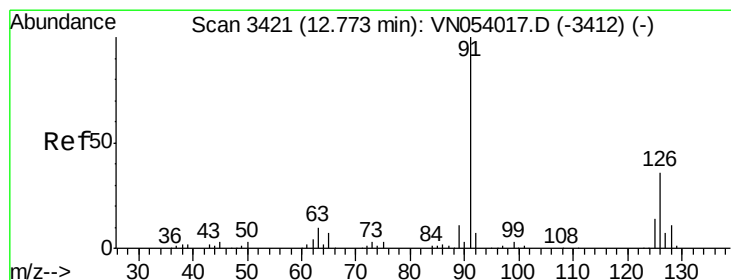
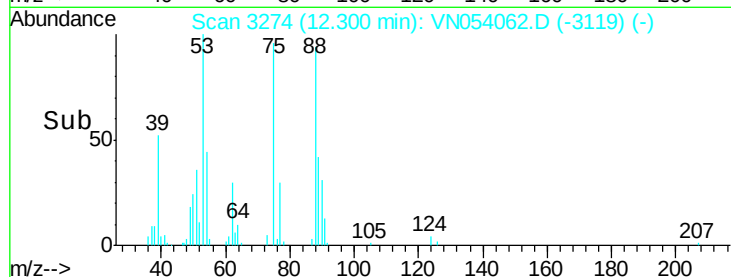
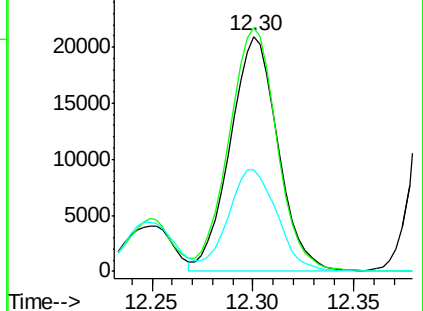
89 43.6 21.7 65.1



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: 20.468 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054062.D

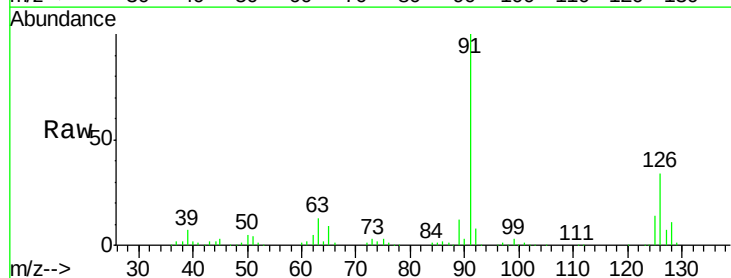
Acq: 4 Mar 2019 13:22

Tgt Ion: 91 Resp: 414879

Ion	Ratio	Lower	Upper
91	100		
126	33.7	0.0	68.2

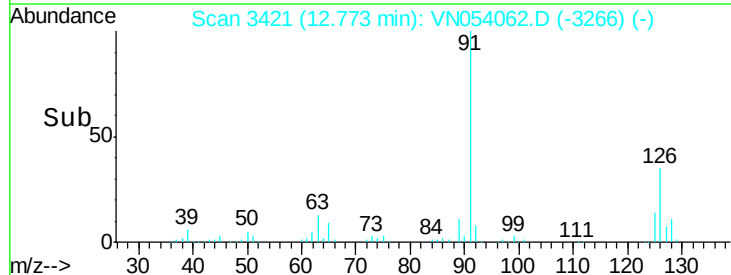
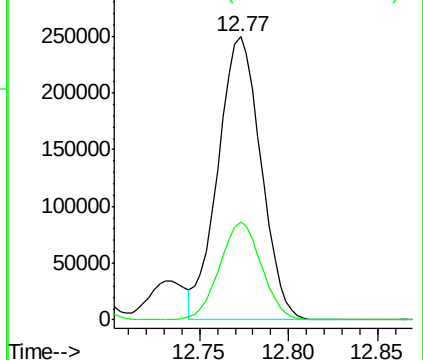
91 100

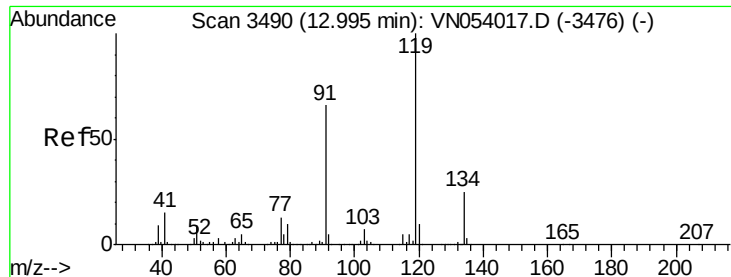
126 33.7 0.0 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 20.923 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

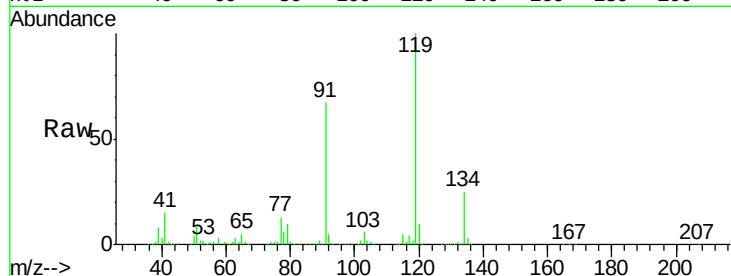
Tot Ion:119 Resp: 451145

Ion Ratio Lower Upper

119 100

91 64.8 0.0 129.8

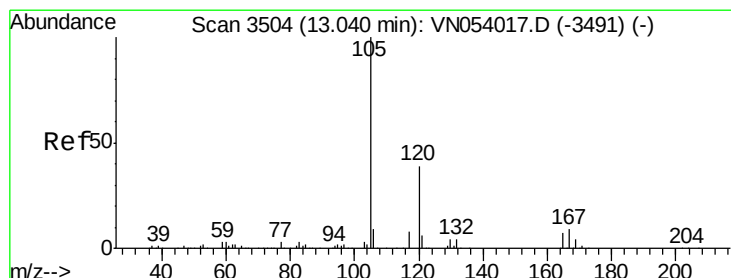
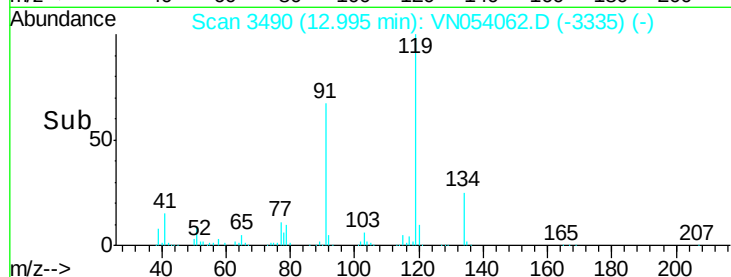
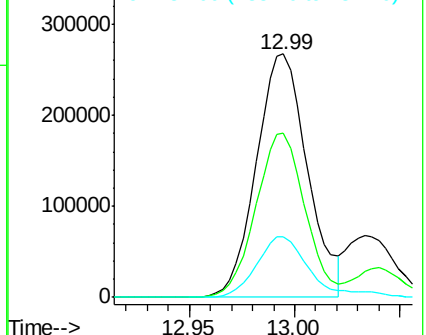
134 26.0 0.0 52.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 21.178 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054062.D

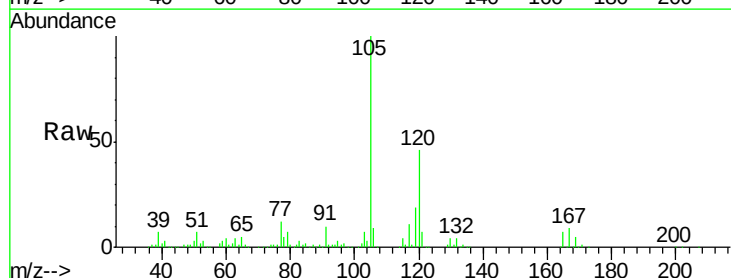
Acq: 4 Mar 2019 13:22

Tgt Ion:105 Resp: 518675

Ion Ratio Lower Upper

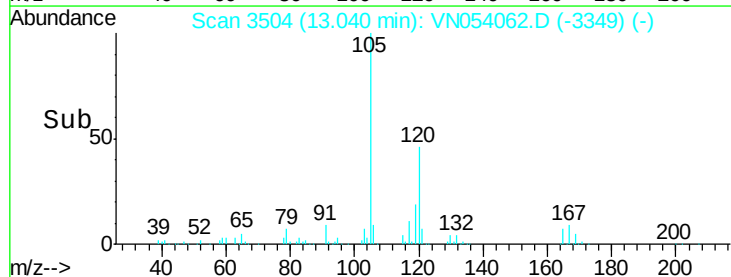
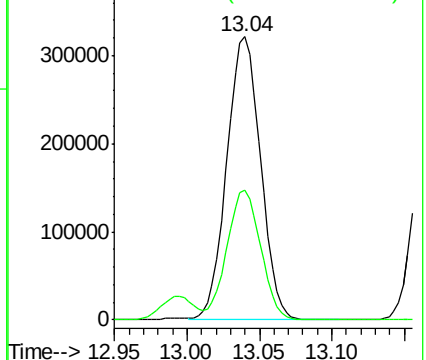
105 100

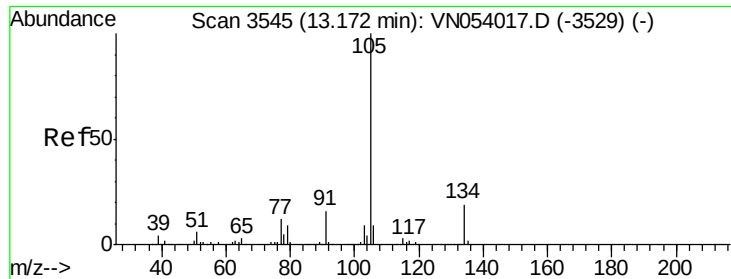
120 46.0 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 21.189 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054062.D

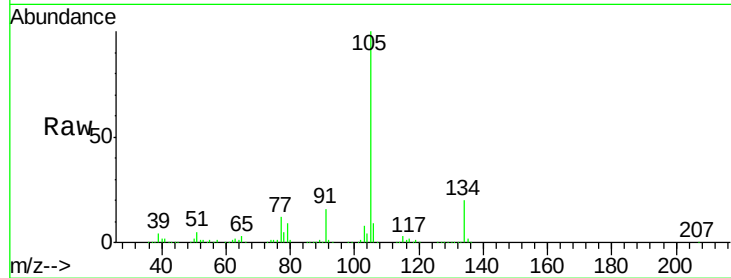
Acq: 4 Mar 2019 13:22

Tot Ion:105 Resp: 626601

Ion Ratio Lower Upper

105 100

134 19.7 0.0 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

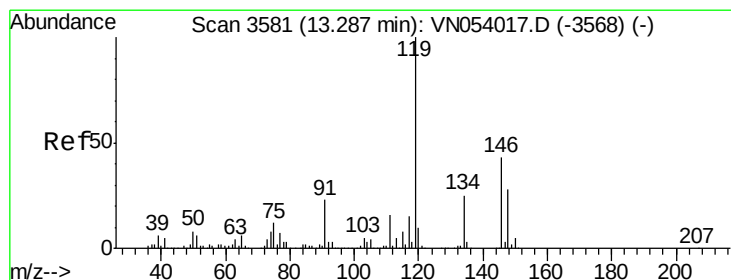
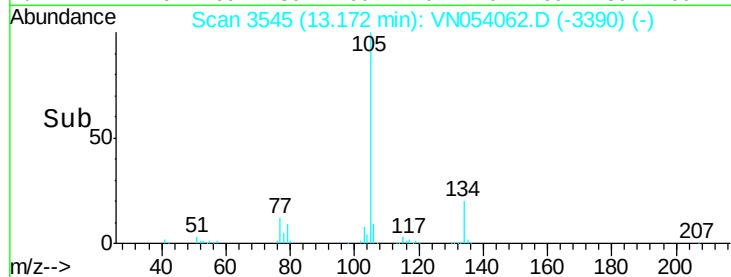
300000

200000

100000

0

Time-->



#82

p-Isopropyltoluene

Concen: 20.835 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

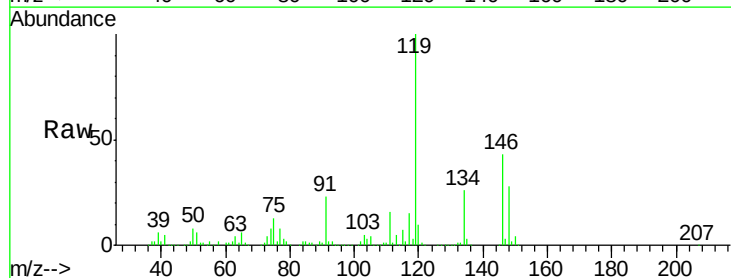
Tgt Ion:119 Resp: 526096

Ion Ratio Lower Upper

119 100

134 26.3 0.0 52.6

91 23.1 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

13.29

400000

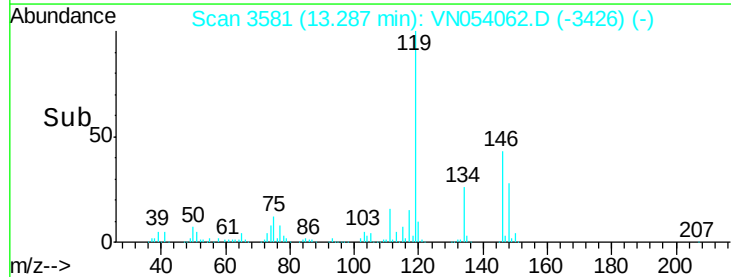
300000

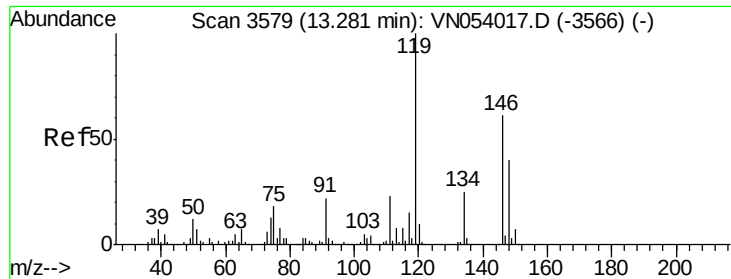
200000

100000

0

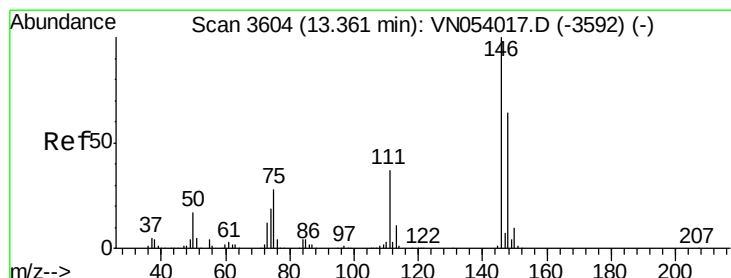
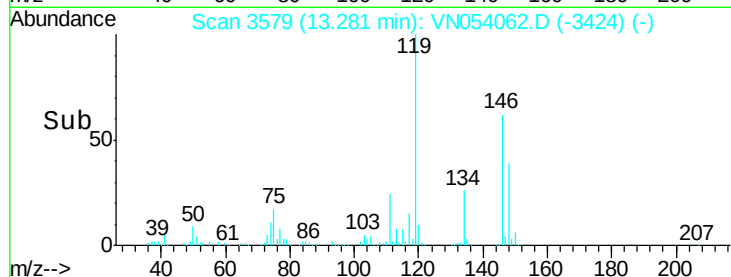
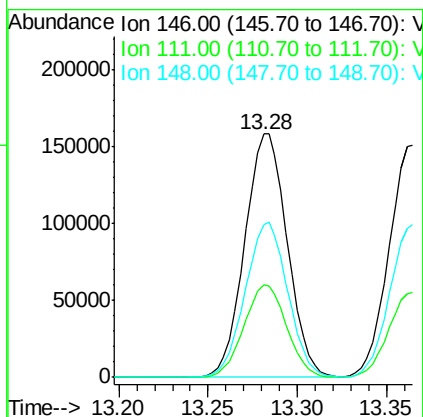
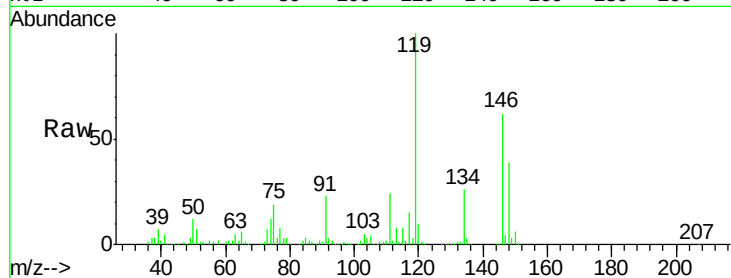
Time-->





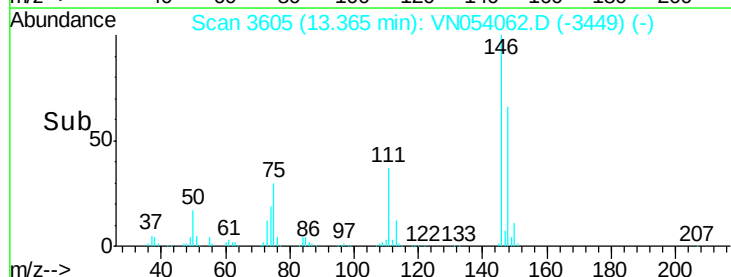
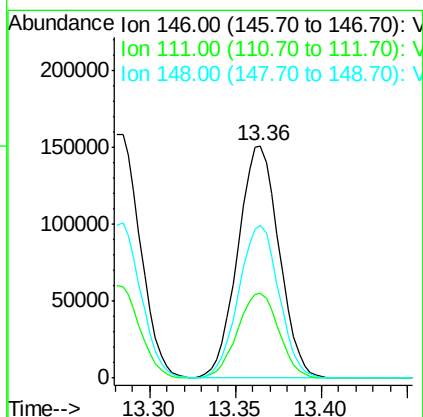
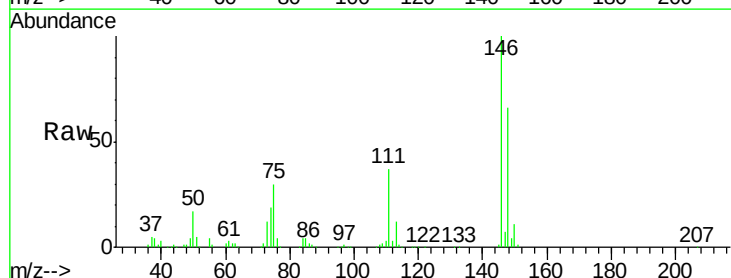
#83
 1,3-Dichlorobenzene
 Concen: 20.447 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

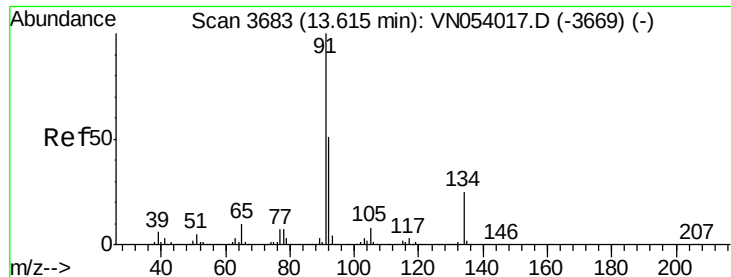
Tot Ion:146 Resp: 264139
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.7 59.0
 148 63.7 32.3 96.8



#84
 1,4-Dichlorobenzene
 Concen: 20.382 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tgt Ion:146 Resp: 251395
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.8 56.3
 148 64.6 32.5 97.4





#85

n-Butylbenzene

Concen: 19.801 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN054062.D

Acq: 4 Mar 2019 13:22

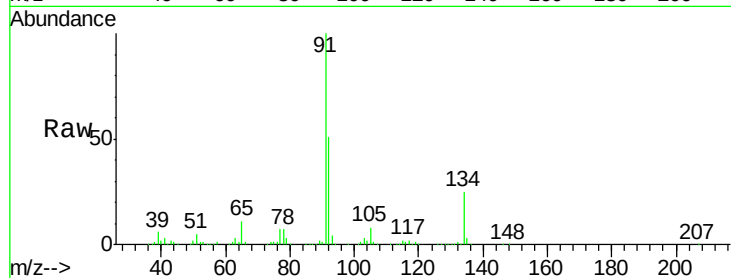
Tot Ion: 91 Resp: 435772

Ion Ratio Lower Upper

91 100

92 50.9 0.0 104.2

134 25.4 0.0 50.6

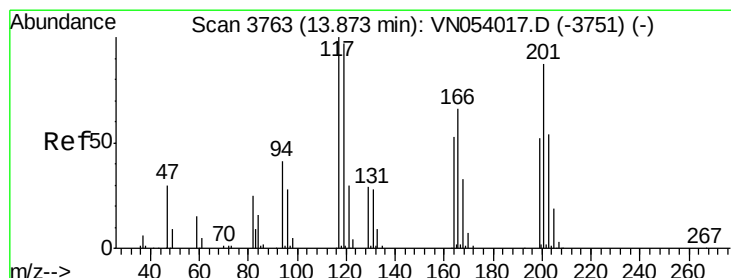
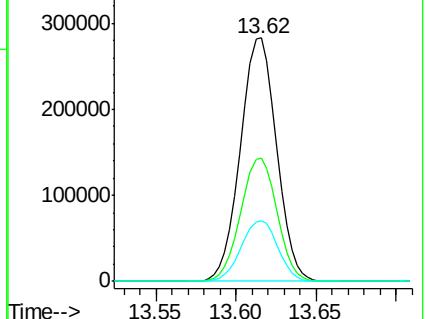
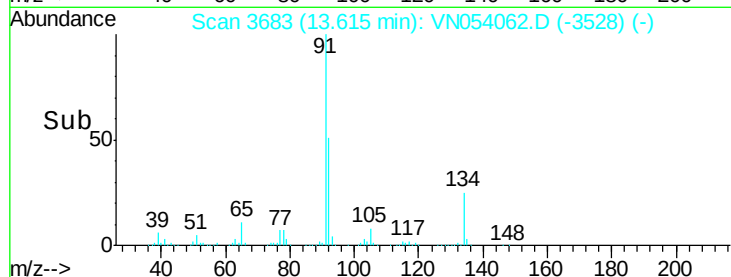


Abundance Ion 91.00 (90.70 to 91.70): VN054017.D (-3669) (-)

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

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

Time-->



#86

Hexachloroethane

Concen: 19.937 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054062.D

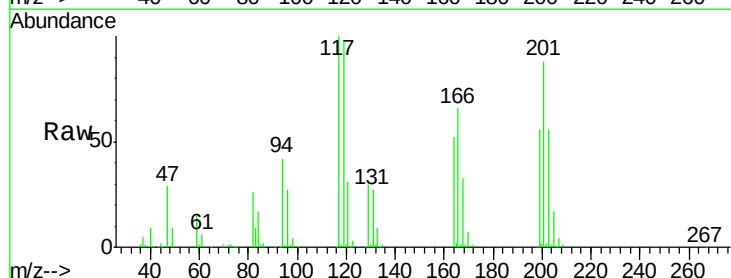
Acq: 4 Mar 2019 13:22

Tgt Ion: 117 Resp: 94121

Ion Ratio Lower Upper

117 100

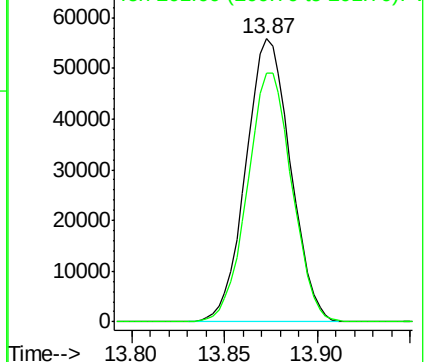
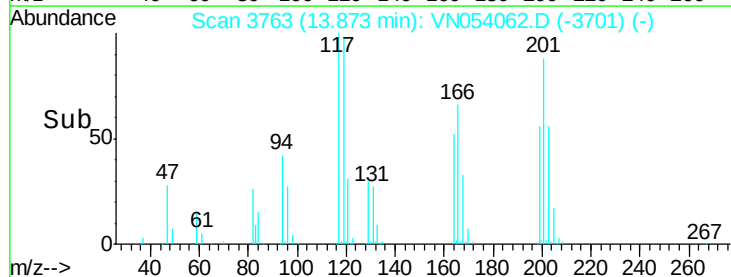
201 87.7 43.8 131.3

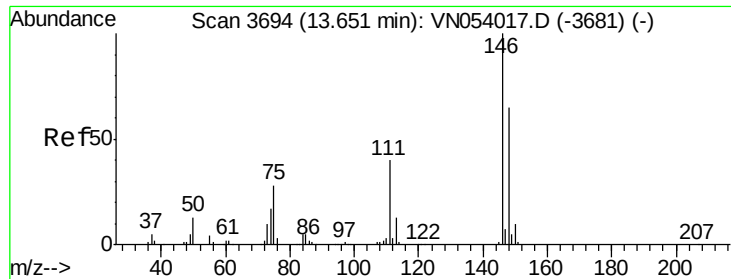


Abundance Ion 117.00 (116.70 to 117.70): VN054017.D (-3751) (-)

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

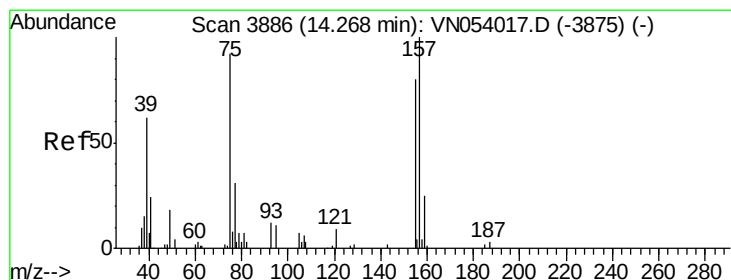
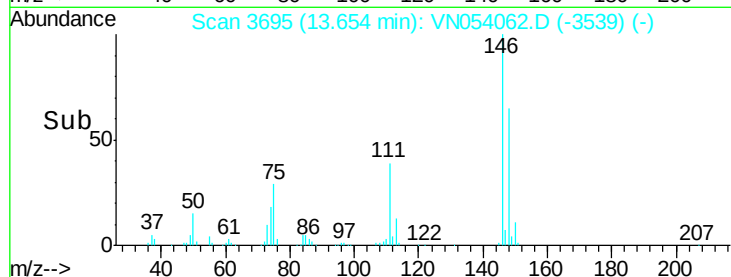
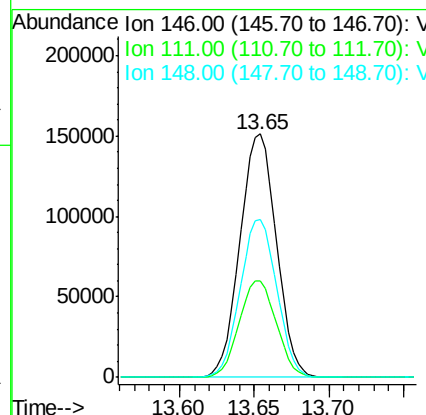
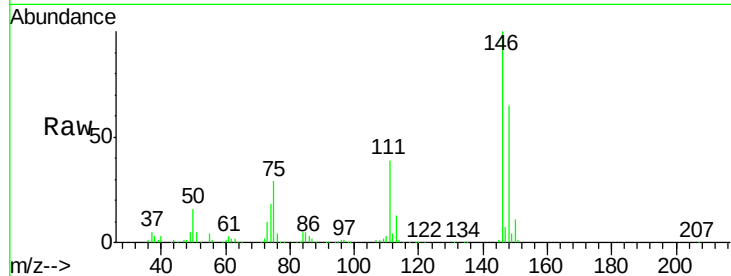
Time-->





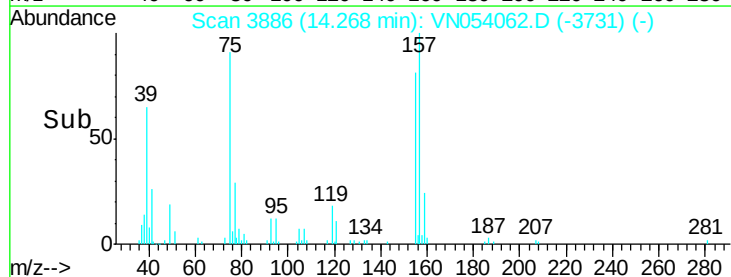
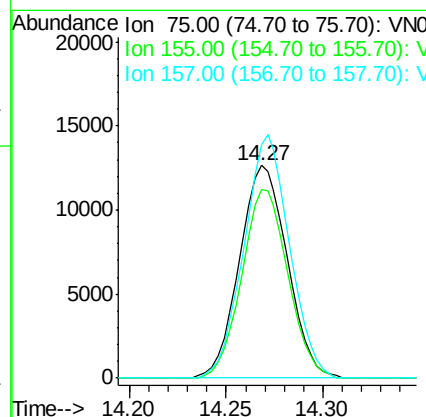
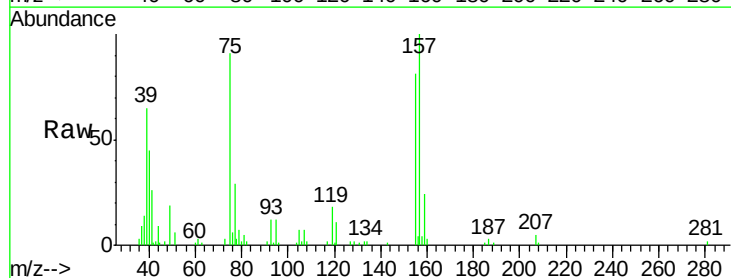
#87
 1,2-Dichlorobenzene
 Concen: 20.509 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

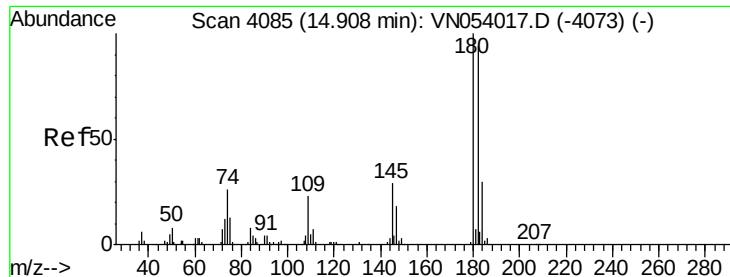
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	65.0	32.1	96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.949 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

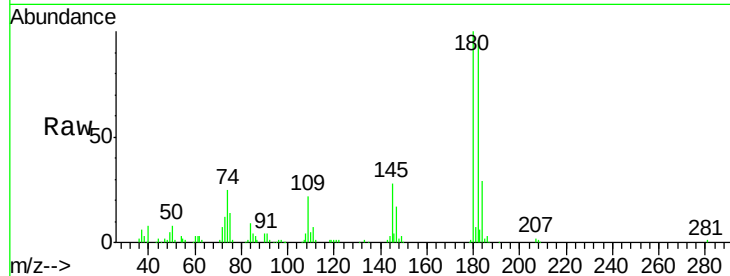
Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	72.2	108.2
157	109.1	94.2	141.2



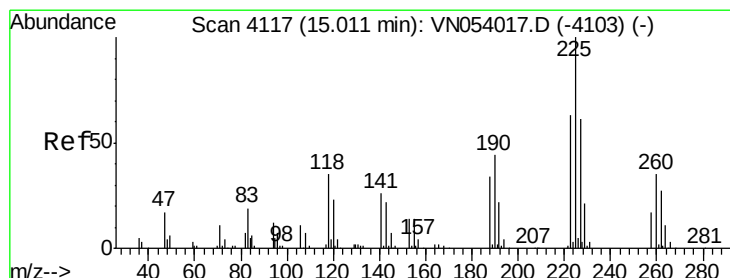
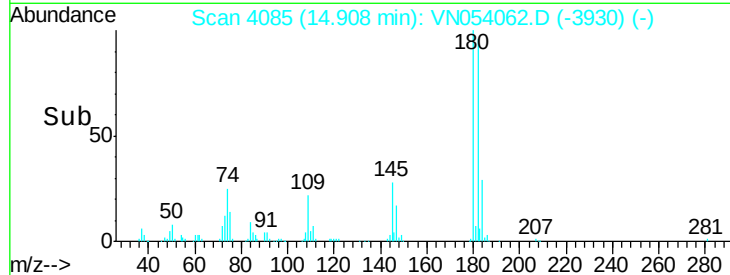
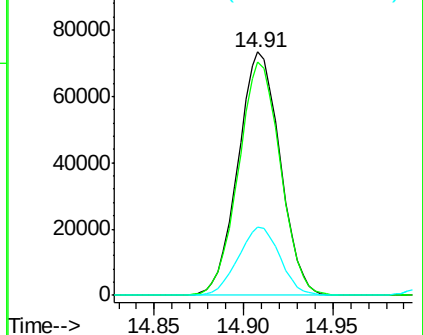


#89
 1,2,4-Trichlorobenzene
 Concen: 18.912 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tot Ion:180 Resp: 120373
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.6 114.8
 145 27.9 23.6 35.4

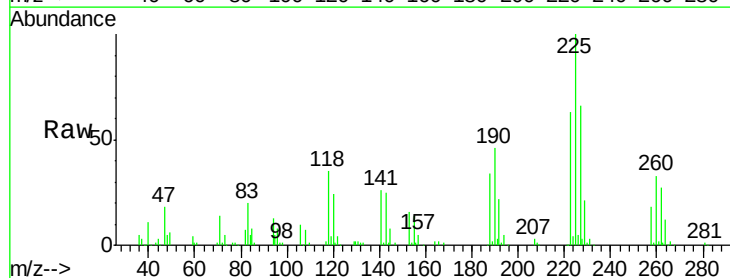


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

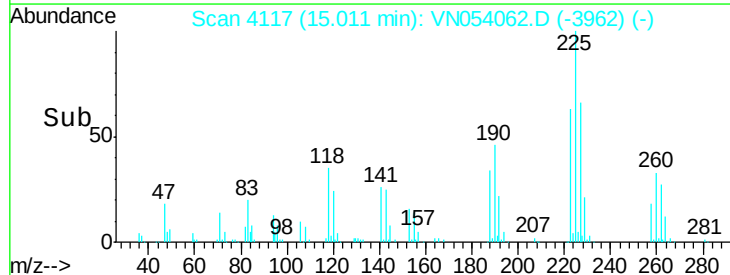
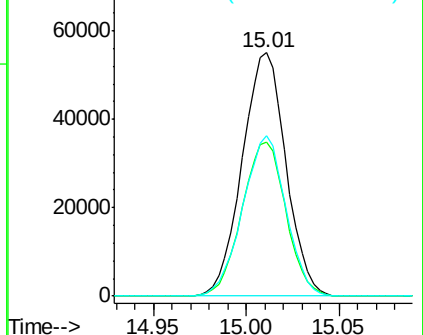


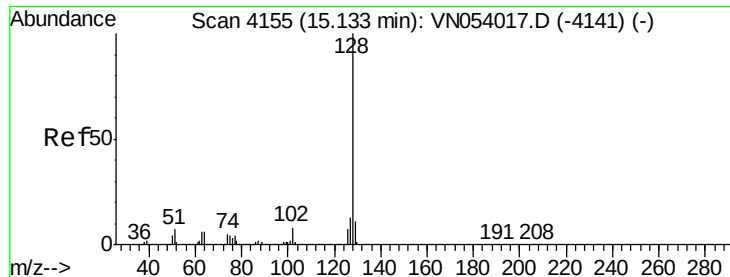
#90
 Hexachlorobutadiene
 Concen: 19.582 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN054062.D
 Acq: 4 Mar 2019 13:22

Tgt Ion:225 Resp: 90556
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 125.6
 227 64.7 0.0 127.8



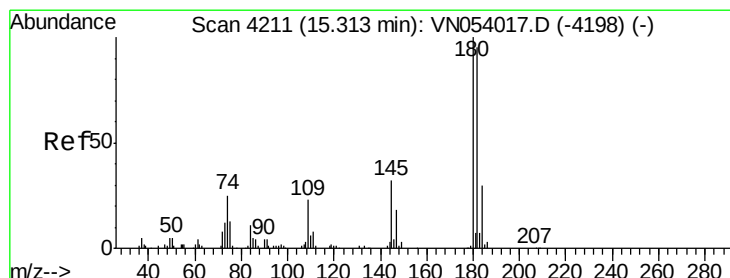
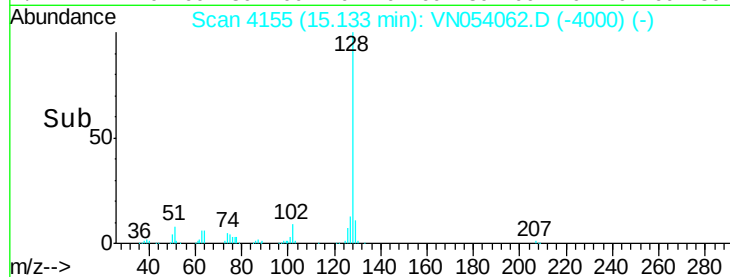
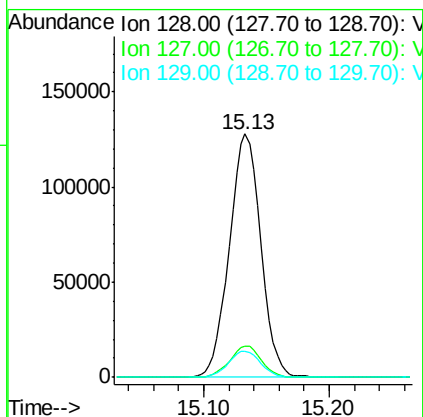
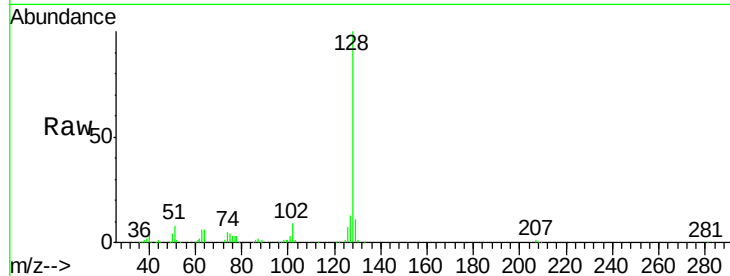
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91
Naphthalene
Concen: 19.782 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tot Ion:128 Resp: 222475
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 11.0 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 18.648 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN054062.D
Acq: 4 Mar 2019 13:22

Tgt Ion:180 Resp: 117210
Ion Ratio Lower Upper
180 100
182 97.1 0.0 196.2
145 31.0 0.0 62.2

