

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053670.D
 Acq On : 7 Feb 2019 21:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 09 01:55:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	663758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1024948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	434435	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	331161	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
35) Dibromofluoromethane	7.59	113	321444	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	10.09	98	1179566	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.40	95	392014	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	339264	45.369	ug/l	99
3) Chloromethane	2.06	50	401849	50.995	ug/l	98
4) Vinyl Chloride	2.19	62	366843	47.956	ug/l	99
5) Bromomethane	2.57	94	226085	45.202	ug/l	98
6) Chloroethane	2.71	64	212070	48.513	ug/l	100
7) Trichlorofluoromethane	3.02	101	496172	47.831	ug/l	99
8) Diethyl Ether	3.41	74	185181	48.881	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	304281	47.429	ug/l	98
10) Methyl Iodide	3.96	142	462847	45.965	ug/l	99
11) Tert butyl alcohol	4.78	59	104641	265.531	ug/l #	72
12) 1,1-Dichloroethene	3.74	96	296072	48.169	ug/l	99
13) Acrolein	3.61	56	65492	305.237	ug/l	100
14) Allyl chloride	4.33	41	475845	48.622	ug/l	99
15) Acrylonitrile	4.99	53	566381	266.225	ug/l	98
16) Acetone	3.82	43	360092	210.828	ug/l	99
17) Carbon Disulfide	4.06	76	832984	43.523	ug/l	100
18) Methyl Acetate	4.32	43	271771	53.728	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	817173	52.444	ug/l	100
20) Methylene Chloride	4.55	84	455841	63.614	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	314465	47.421	ug/l	99
22) Diisopropyl ether	5.95	45	947981	52.277	ug/l	97
23) Vinyl Acetate	5.90	43	3279925	261.459	ug/l	99
24) 1,1-Dichloroethane	5.85	63	589198	48.714	ug/l	99
25) 2-Butanone	6.83	43	594292	243.965	ug/l	97
26) 2,2-Dichloropropane	6.83	77	395506	42.836	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	367267	49.807	ug/l	96
28) Bromochloromethane	7.20	49	266610	50.795	ug/l	96
29) Tetrahydrofuran	7.21	42	406042	259.583	ug/l	97
30) Chloroform	7.37	83	586740	48.936	ug/l	100
31) Cyclohexane	7.66	56	516246	45.829	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	500519	50.162	ug/l	99
36) 1,1-Dichloropropene	7.79	75	440770	47.706	ug/l	99
37) Ethyl Acetate	6.93	43	269645	52.255	ug/l	99
38) Carbon Tetrachloride	7.78	117	445460	47.860	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	504008	45.980	ug/l	99
40) Benzene	8.04	78	1349814	47.376	ug/l	99
41) Methacrylonitrile	7.17	41	142802	49.515	ug/l	89
42) 1,2-Dichloroethane	8.13	62	405744	47.962	ug/l	100
43) Isopropyl Acetate	8.16	43	488295	48.999	ug/l	98
44) Trichloroethene	8.84	130	381106	46.984	ug/l	96
45) 1,2-Dichloropropane	9.12	63	358079	49.137	ug/l	98
46) Dibromomethane	9.21	93	216133	49.200	ug/l	98
47) Bromodichloromethane	9.40	83	446693	48.906	ug/l	99
48) Methyl methacrylate	9.20	41	247784	52.089	ug/l	99
49) 1,4-Dioxane	9.20	88	67045	973.757	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1266099	258.545	ug/l	100
52) Toluene	10.16	92	825844	48.839	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	447889	48.970	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	523575	48.309	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	306889	50.366	ug/l	99
56) Ethyl methacrylate	10.43	69	370658	51.421	ug/l	100
57) 1,3-Dichloropropane	10.71	76	516174	49.567	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	966760	217.339	ug/l	98
59) 2-Hexanone	10.75	43	807055	242.764	ug/l	99
60) Dibromochloromethane	10.90	129	348002	50.647	ug/l	100
61) 1,2-Dibromoethane	11.01	107	295619	49.018	ug/l	100
64) Tetrachloroethene	10.63	164	355076	45.931	ug/l	100
65) Chlorobenzene	11.44	112	908694	47.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	337182	50.401	ug/l	99
67) Ethyl Benzene	11.51	91	1519095	48.276	ug/l	100
68) m/p-Xylenes	11.62	106	1179795	98.236	ug/l	98
69) o-Xylene	11.95	106	576703	49.705	ug/l	98
70) Styrene	11.97	104	938451	49.902	ug/l	99
71) Bromoform	12.13	173	242432	52.858	ug/l #	99
73) Isopropylbenzene	12.25	105	1491653	48.842	ug/l	100
74) N-amyl acetate	12.07	43	383678	52.244	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	358957	49.111	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	297036m	53.232	ug/l	
77) Bromobenzene	12.53	156	395707	48.076	ug/l	98
78) n-propylbenzene	12.59	91	1723135	48.807	ug/l	100
79) 2-Chlorotoluene	12.68	91	1020080	48.701	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1291335	50.990	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	96543	48.650	ug/l	99
82) 4-Chlorotoluene	12.77	91	1037189	48.257	ug/l	100
83) tert-Butylbenzene	12.99	119	1130696	50.516	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1314297	50.938	ug/l	100
85) sec-Butylbenzene	13.17	105	1518463	49.853	ug/l	99
86) p-Isopropyltoluene	13.29	119	1338824	50.258	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	694863	46.962	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	692366	47.305	ug/l	99
89) n-Butylbenzene	13.62	91	1124908	48.787	ug/l	99
90) Hexachloroethane	13.87	117	227505	51.776	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	687729	48.551	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	52679	50.572	ug/l	99

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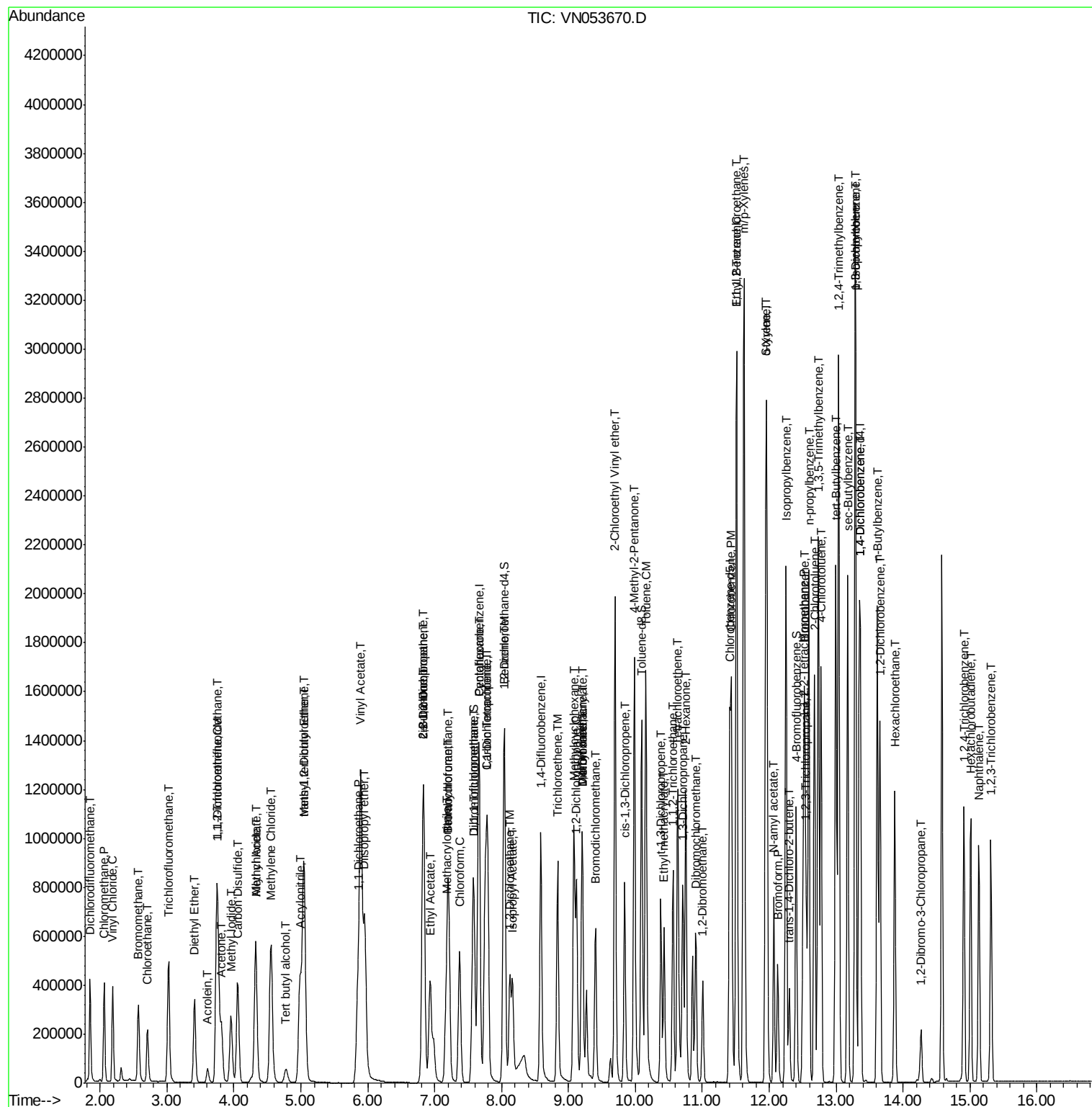
Quant Time: Feb 09 01:55:01 2019
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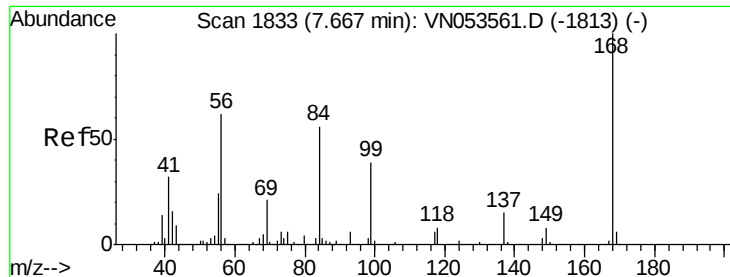
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	402038	49.487	ug/l	99
94) Hexachlorobutadiene	15.01	225	241736	47.780	ug/l	99
95) Naphthalene	15.13	128	868201	45.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	375644	49.833	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053670.D

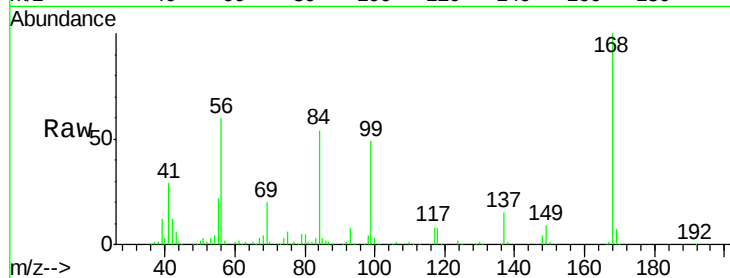
Acq: 7 Feb 2019 21:41

Tot Ion:168 Resp: 663758

Ion Ratio Lower Upper

168 100

99 48.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

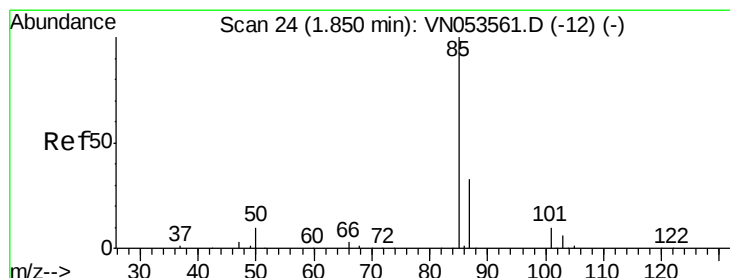
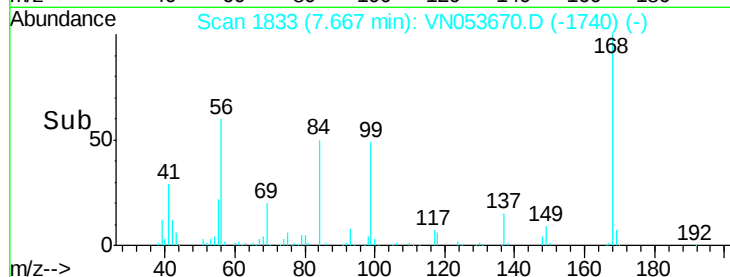
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 45.369 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053670.D

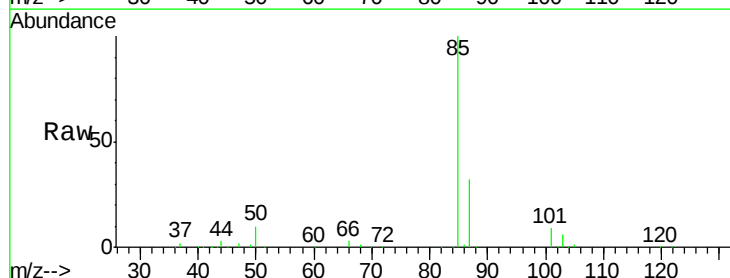
Acq: 7 Feb 2019 21:41

Tgt Ion: 85 Resp: 339264

Ion Ratio Lower Upper

85 100

87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

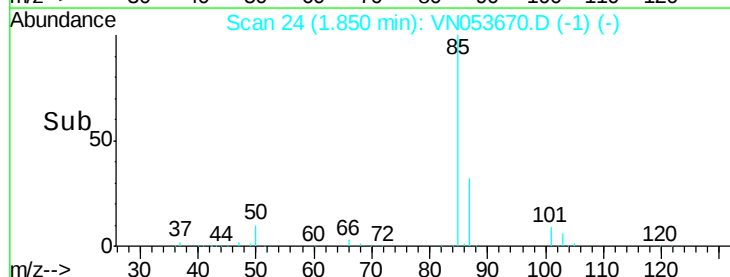
150000

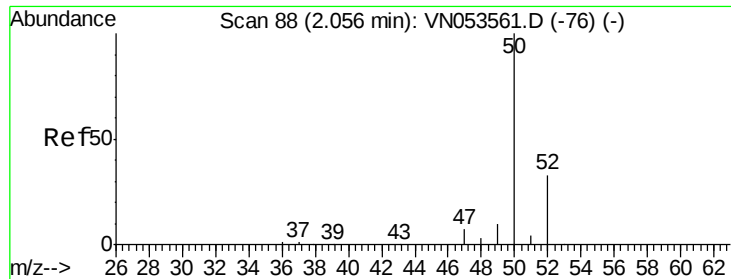
100000

50000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 50.995 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.01 min

Lab File: VN053670.D

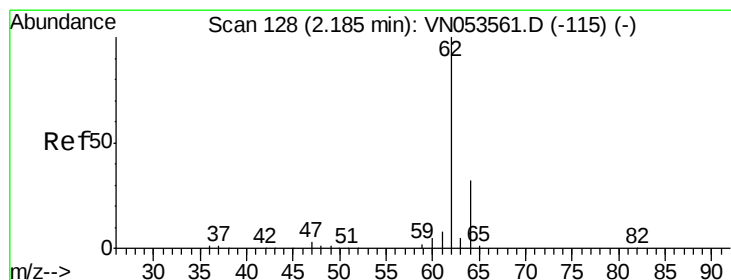
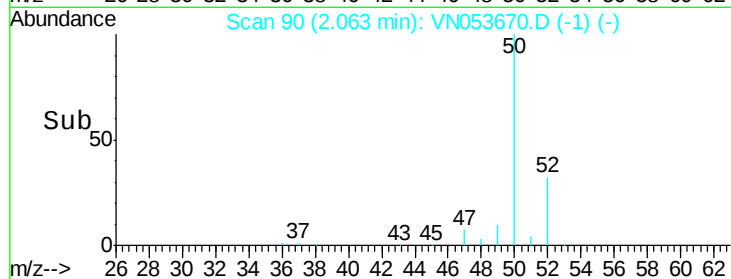
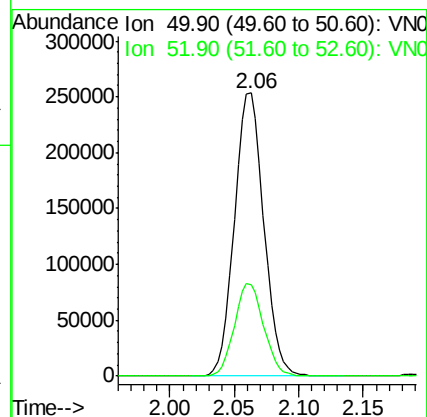
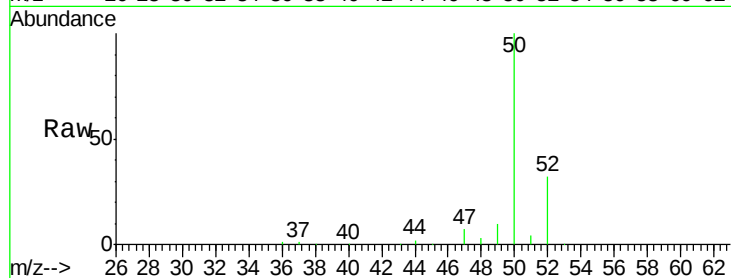
Acq: 7 Feb 2019 21:41

Tot Ion: 50 Resp: 401849

Ion Ratio Lower Upper

50 100

52 32.4 26.6 40.0



#4

Vinyl Chloride

Concen: 47.956 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053670.D

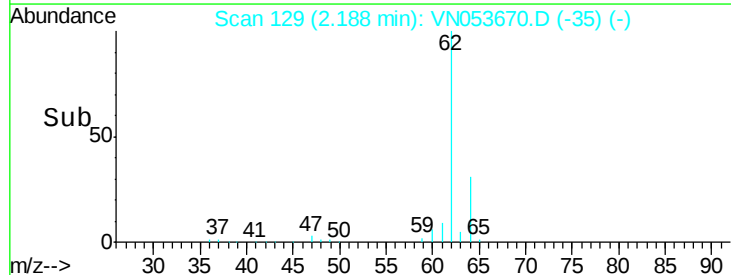
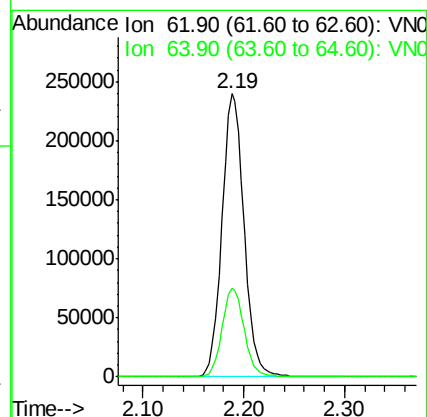
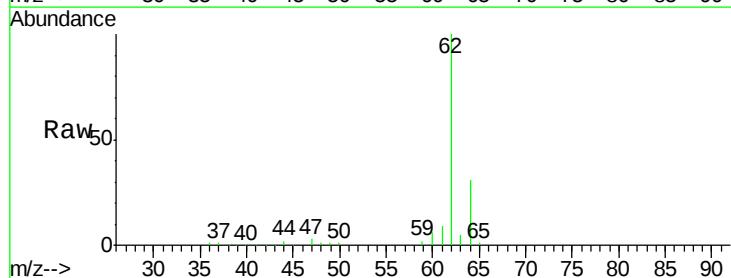
Acq: 7 Feb 2019 21:41

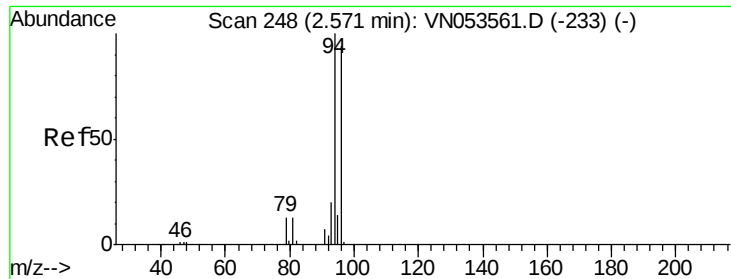
Tgt Ion: 62 Resp: 366843

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 45.202 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN053670.D

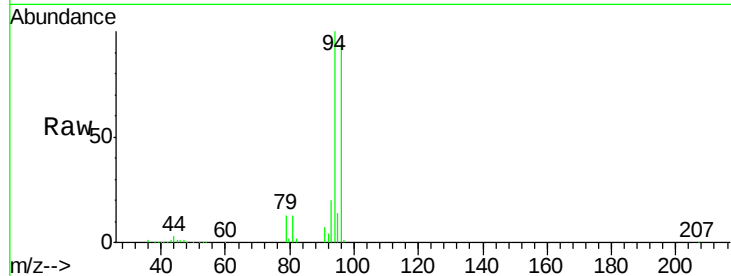
Acq: 7 Feb 2019 21:41

Tot Ion: 94 Resp: 226085

Ion Ratio Lower Upper

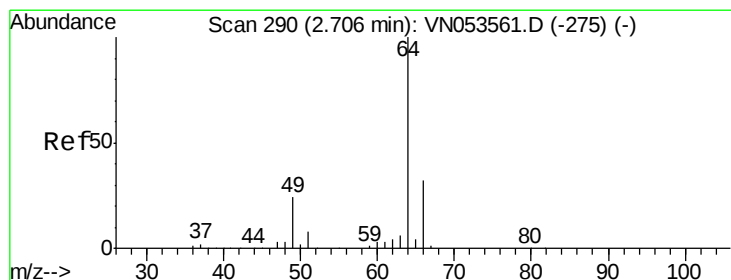
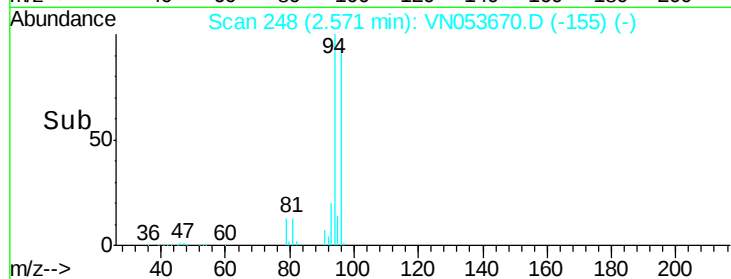
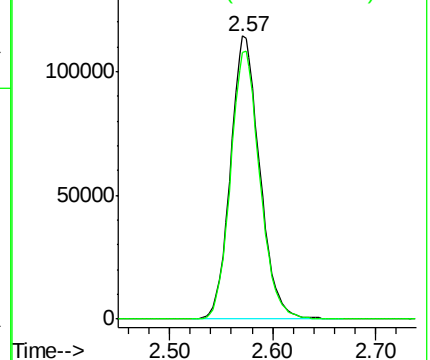
94 100

96 94.3 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.513 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053670.D

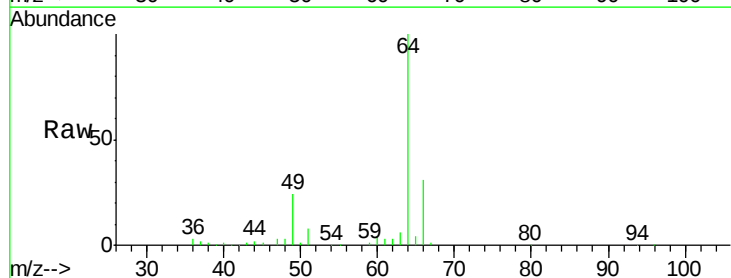
Acq: 7 Feb 2019 21:41

Tgt Ion: 64 Resp: 212070

Ion Ratio Lower Upper

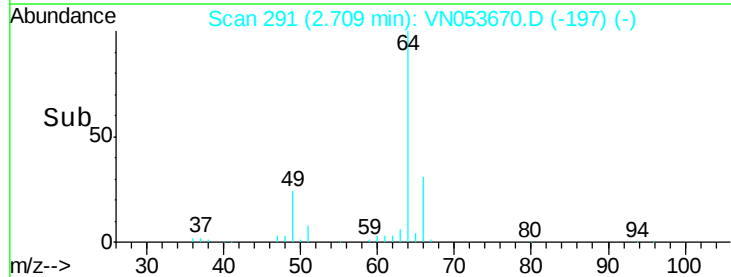
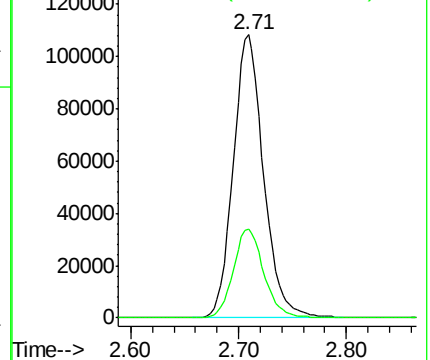
64 100

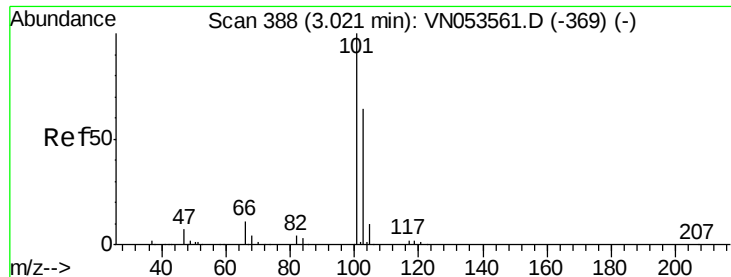
66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

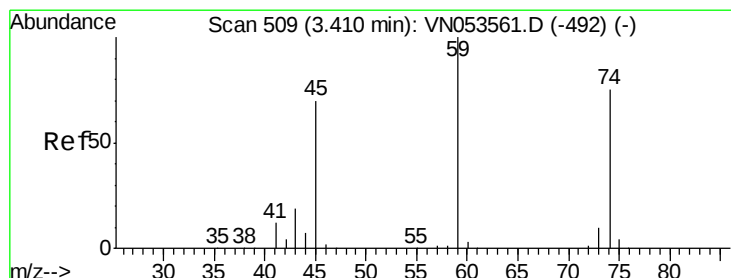
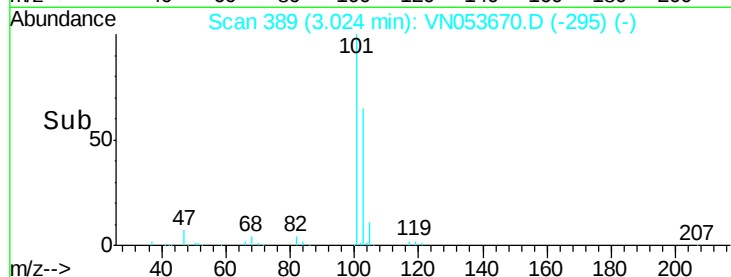
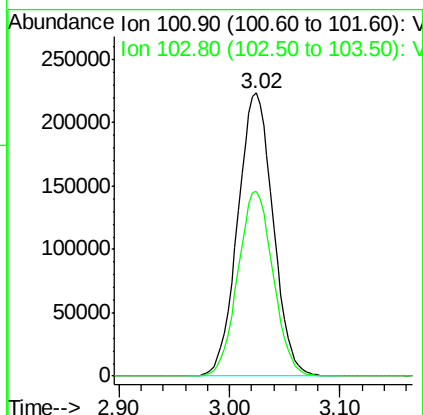
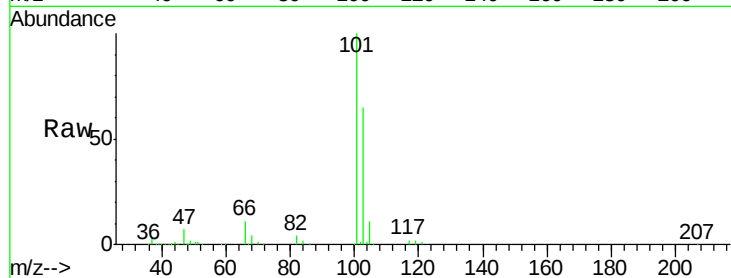




#7

Trichlorofluoromethane
Concen: 47.831 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

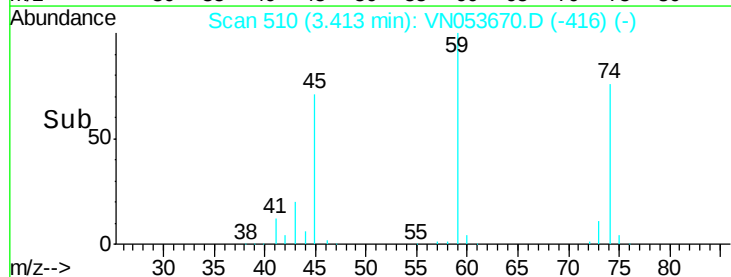
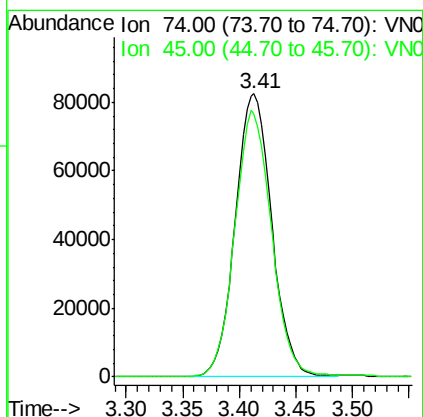
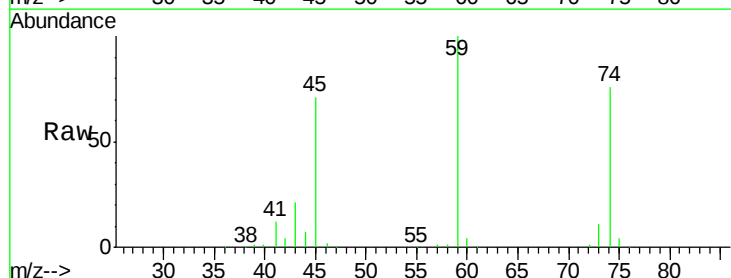
Tot Ion:101 Resp: 496172
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

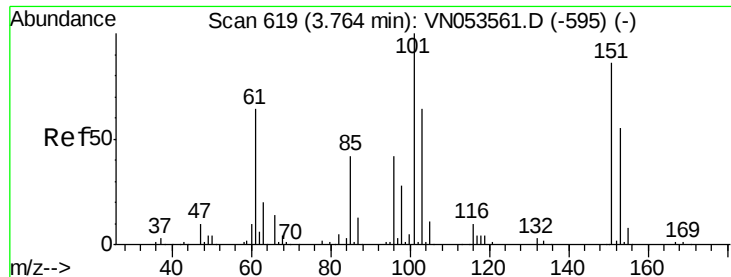


#8

Diethyl Ether
Concen: 48.881 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion: 74 Resp: 185181
Ion Ratio Lower Upper
74 100
45 94.3 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.429 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

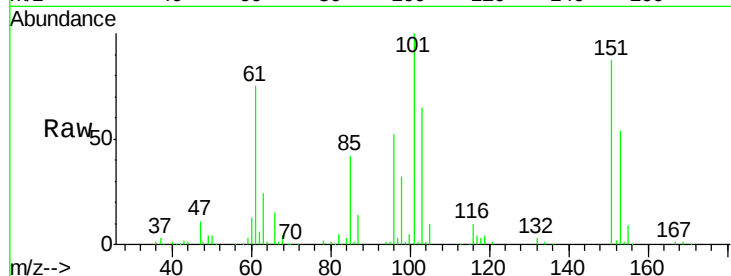
Tot Ion:101 Resp: 304281

Ion Ratio Lower Upper

101 100

85 40.3 32.8 49.2

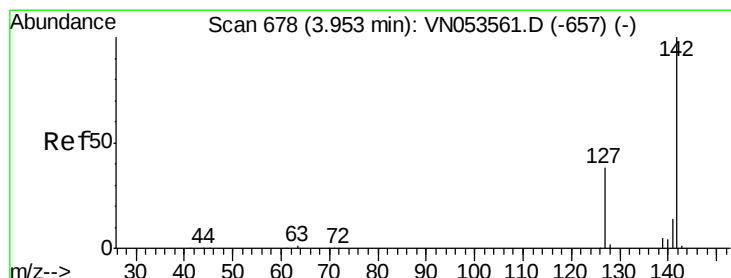
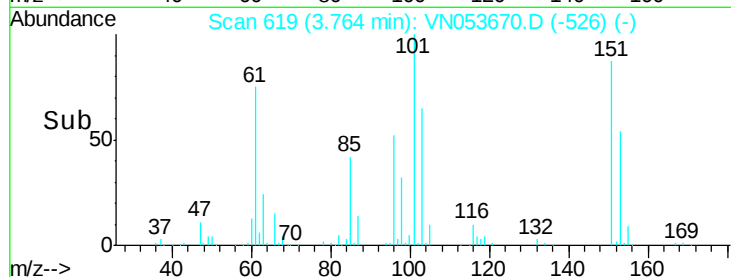
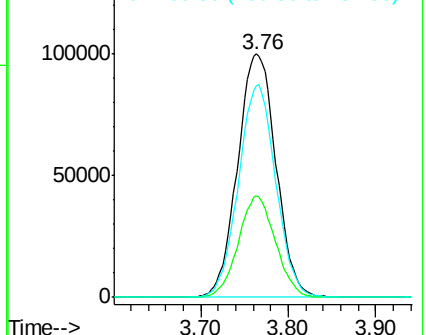
151 85.1 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN053670.D (-585) (-)

Ion 150.80 (150.50 to 151.50): VN053670.D (-595) (-)



#10

Methyl Iodide

Concen: 45.965 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

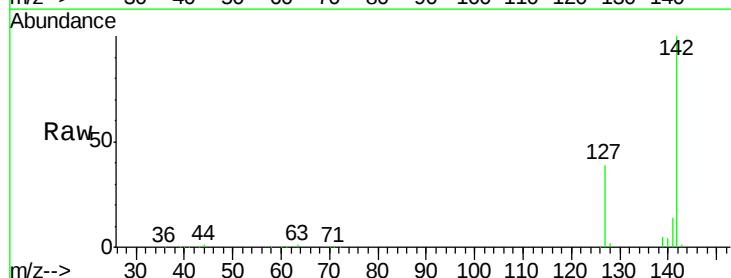
Tgt Ion:142 Resp: 462847

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.4

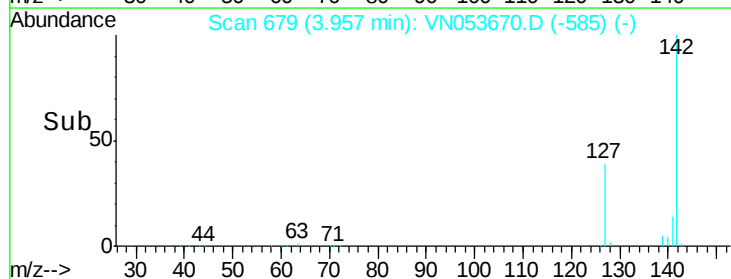
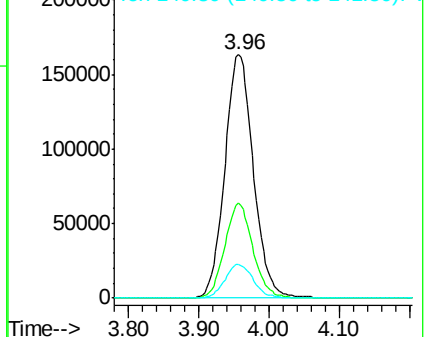
141 13.9 11.1 16.7

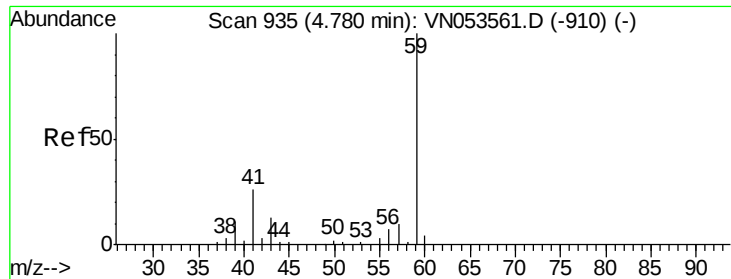


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): VN053670.D (-585) (-)

Ion 140.80 (140.50 to 141.50): VN053670.D (-657) (-)

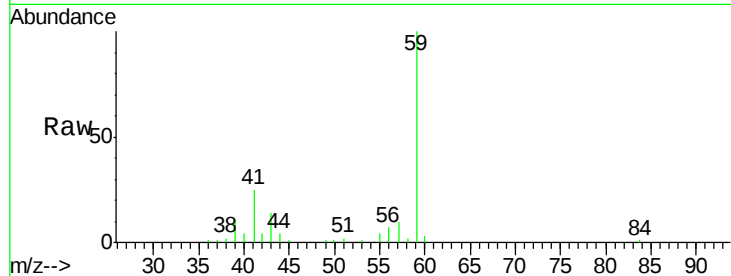




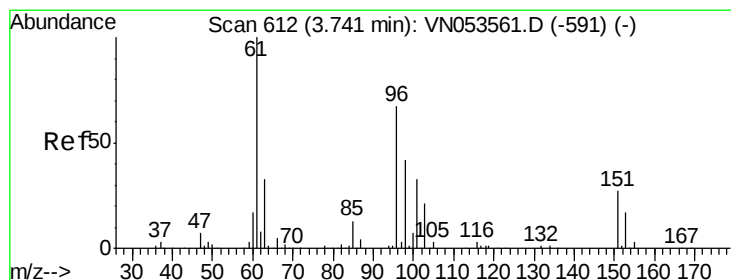
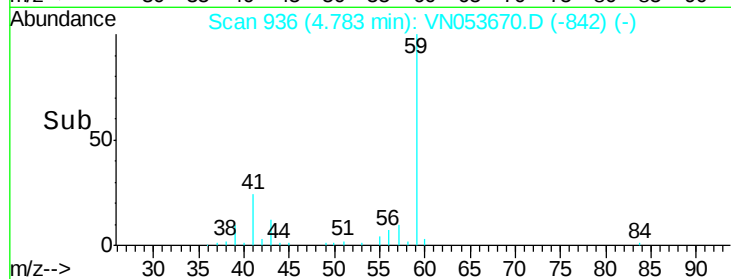
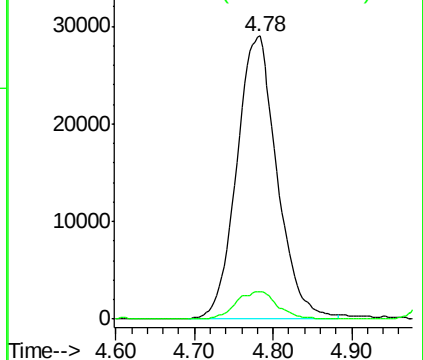
#11

Tert butyl alcohol
Concen: 265.531 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tot Ion: 59 Resp: 104641
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



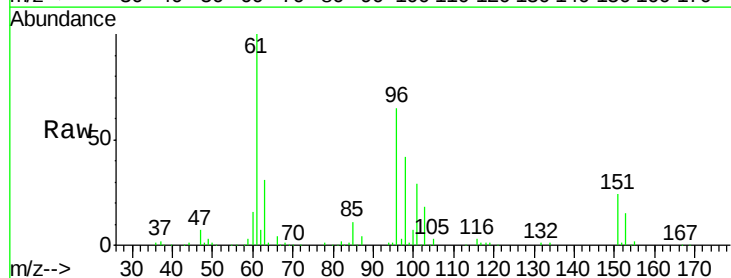
Abundance Ion 59.00 (58.70 to 59.70): VN053670.D (-842) (-)
Ion 57.00 (56.70 to 57.70): VN053670.D (-842) (-)



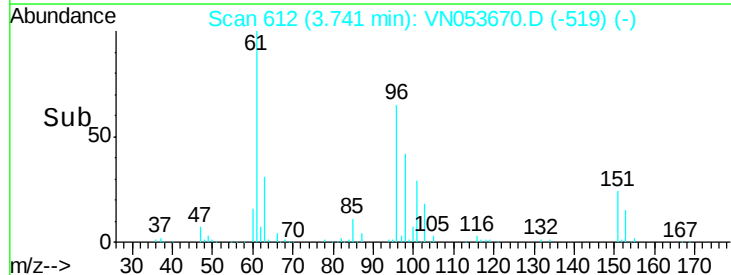
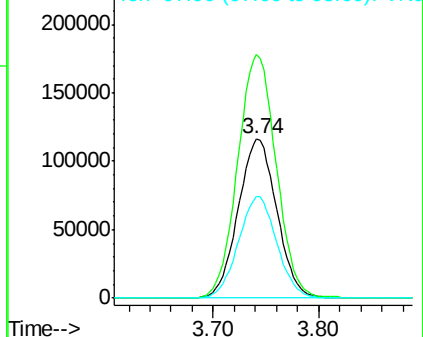
#12

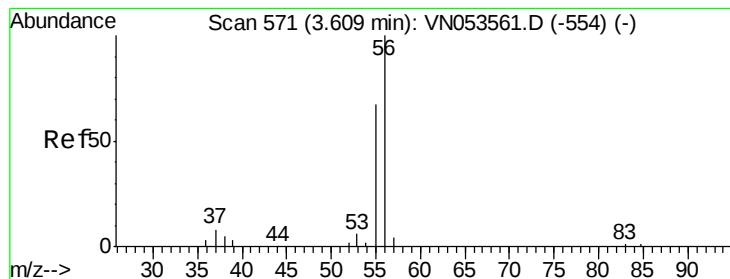
1,1-Dichloroethene
Concen: 48.169 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion: 96 Resp: 296072
Ion Ratio Lower Upper
96 100
61 152.7 122.9 184.3
98 63.8 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN053670.D (-519) (-)
Ion 60.90 (60.60 to 61.60): VN053670.D (-519) (-)
Ion 97.90 (97.60 to 98.60): VN053670.D (-519) (-)





#13

Acrolein

Concen: 305.237 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053670.D

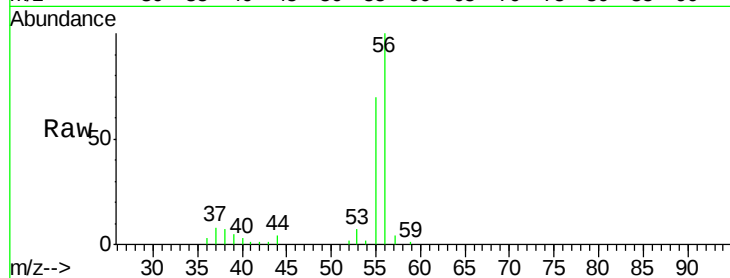
Acq: 7 Feb 2019 21:41

Tot Ion: 56 Resp: 65492

Ion Ratio Lower Upper

56 100

55 71.6 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

25000

20000

15000

10000

5000

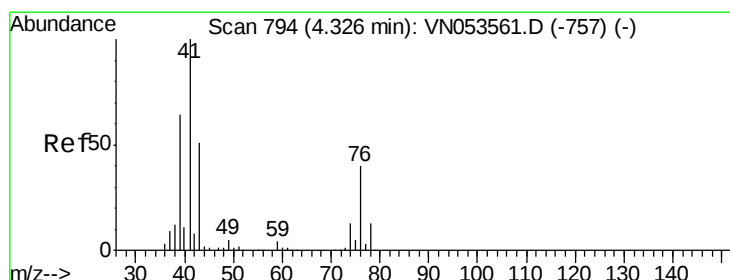
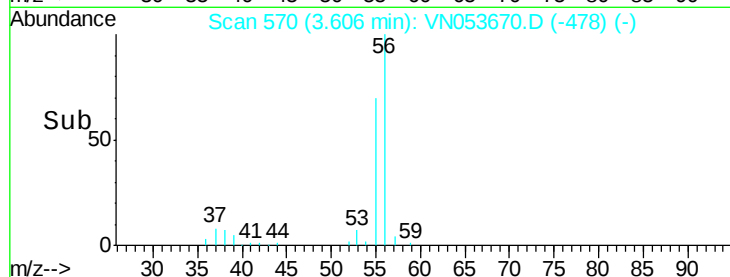
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 48.622 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

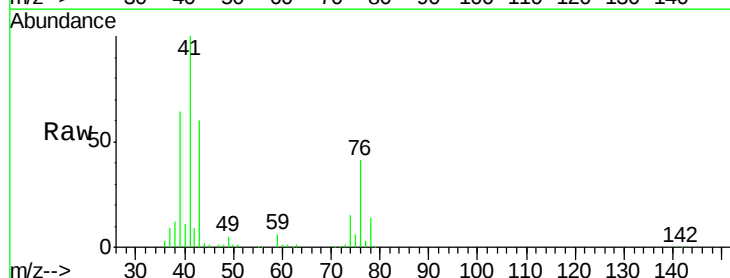
Tgt Ion: 41 Resp: 475845

Ion Ratio Lower Upper

41 100

39 61.2 48.9 73.3

76 37.7 29.4 44.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.33

200000

150000

100000

50000

0

Time-->

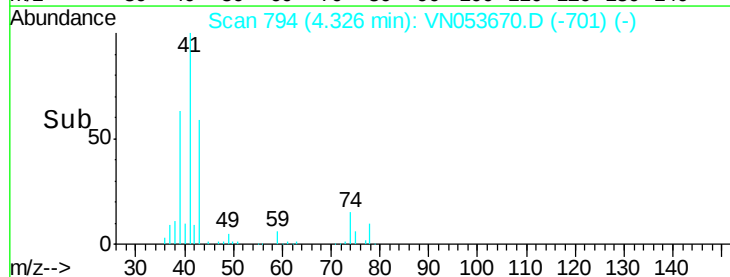
4.10

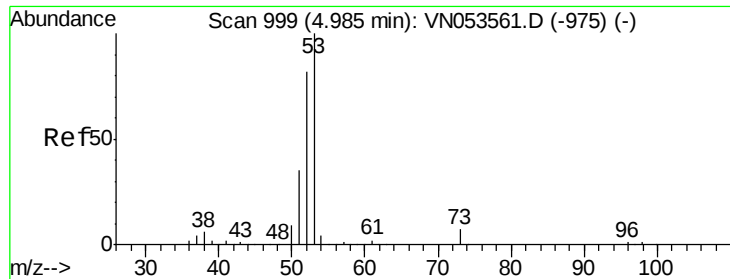
4.20

4.30

4.40

4.50





#15

Acrylonitrile

Concen: 266.225 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

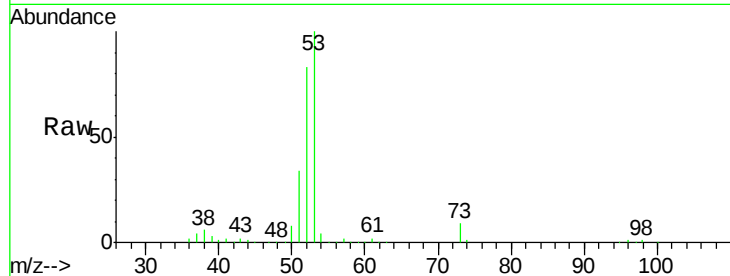
Tot Ion: 53 Resp: 566381

Ion Ratio Lower Upper

53 100

52 80.7 66.0 99.0

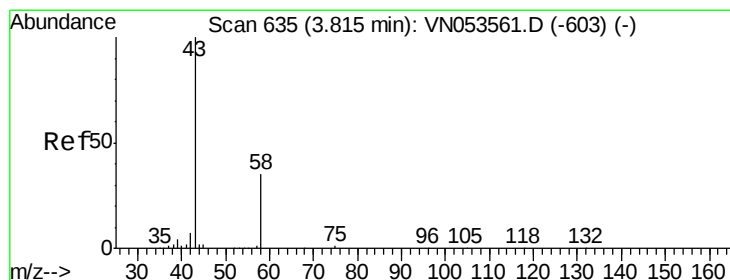
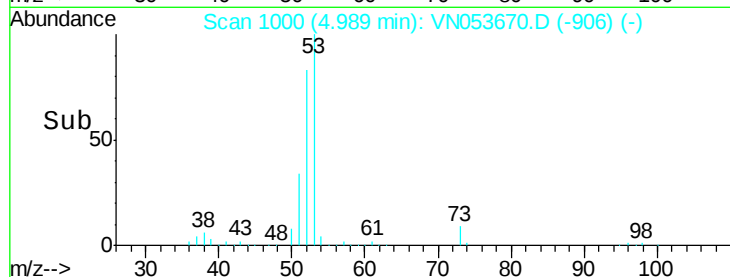
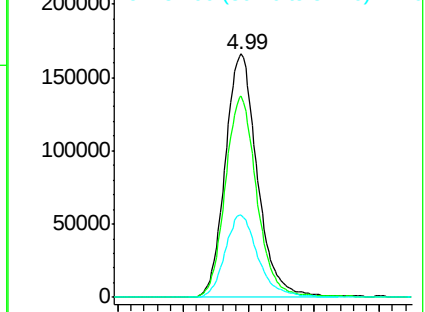
51 34.9 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 210.828 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053670.D

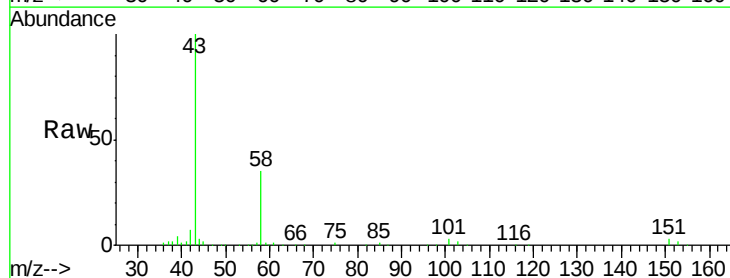
Acq: 7 Feb 2019 21:41

Tgt Ion: 43 Resp: 360092

Ion Ratio Lower Upper

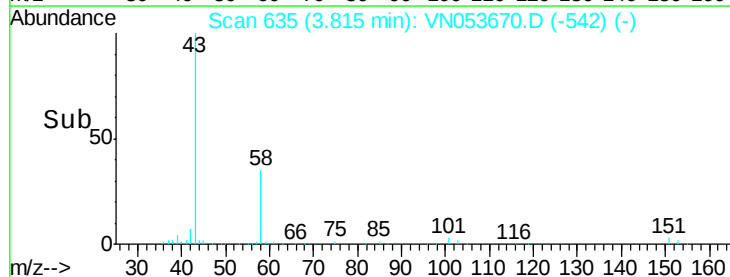
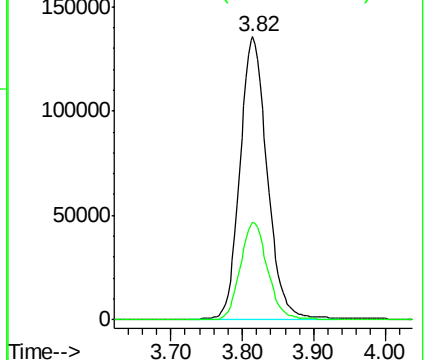
43 100

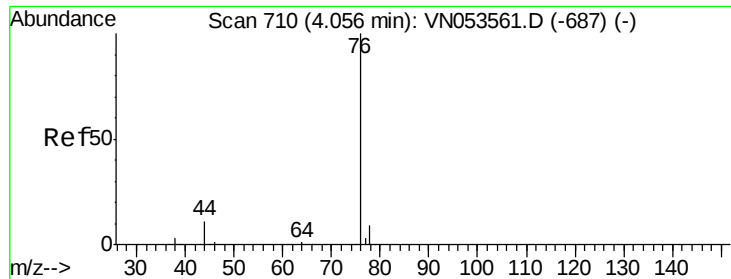
58 34.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 43.523 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053670.D

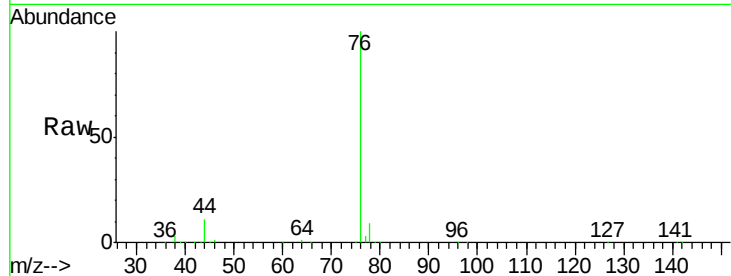
Acq: 7 Feb 2019 21:41

Tot Ion: 76 Resp: 832984

Ion Ratio Lower Upper

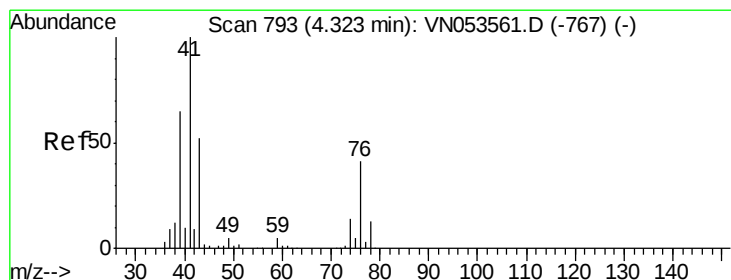
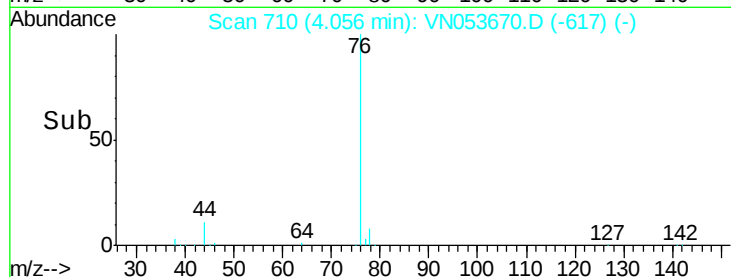
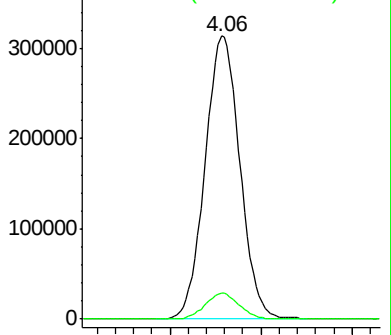
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 53.728 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053670.D

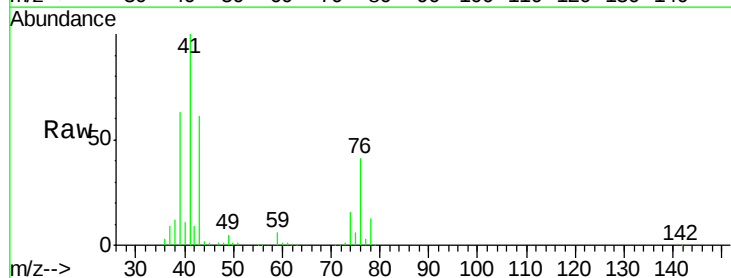
Acq: 7 Feb 2019 21:41

Tgt Ion: 43 Resp: 271771

Ion Ratio Lower Upper

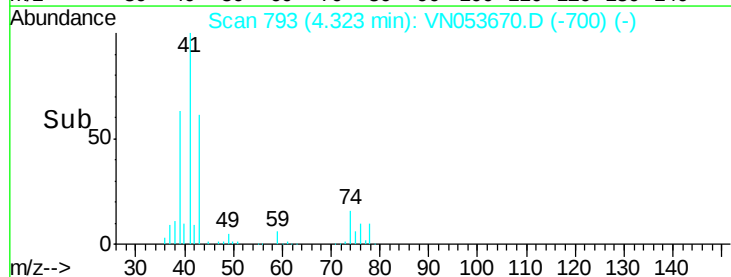
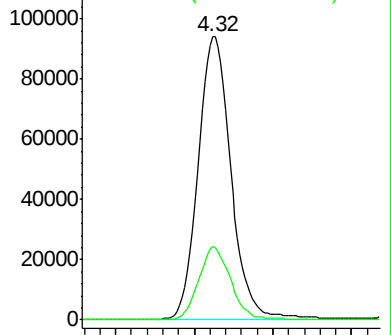
43 100

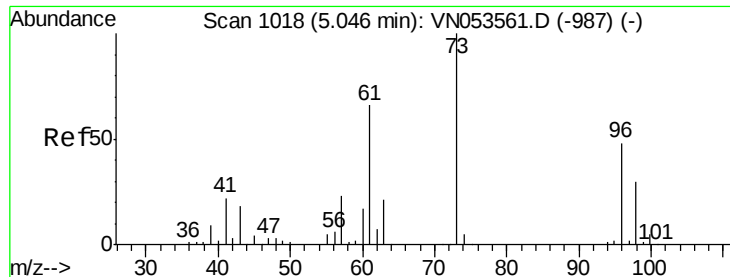
74 25.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

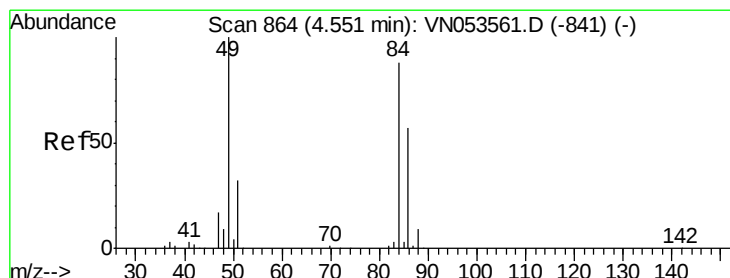
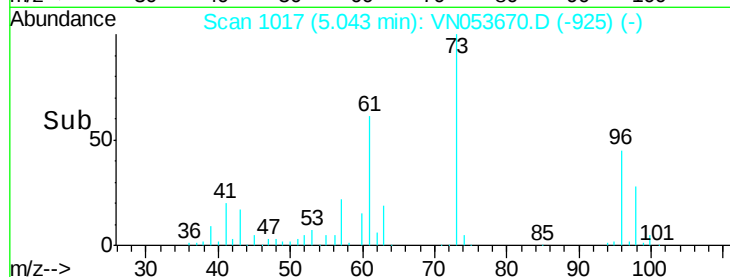
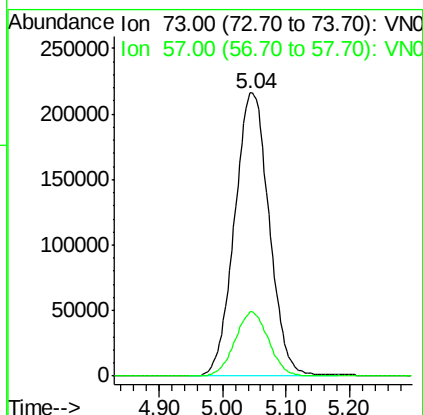
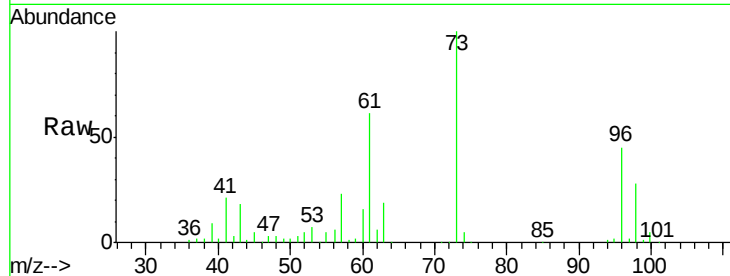




#19

Methyl tert-butyl Ether
 Concen: 52.444 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

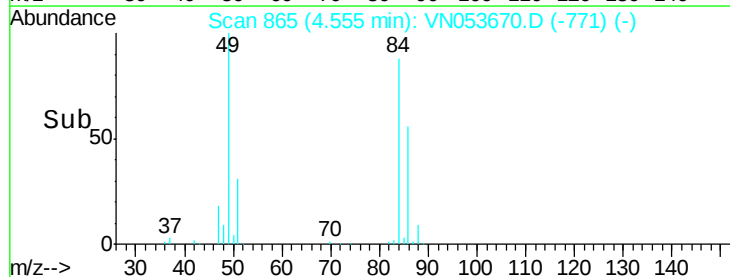
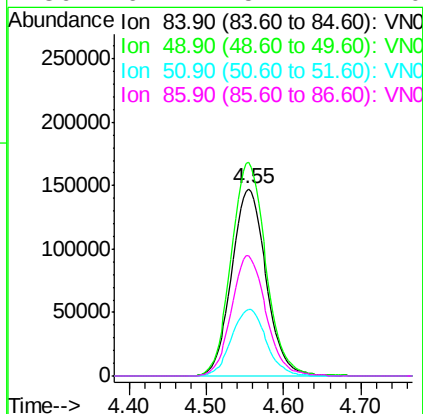
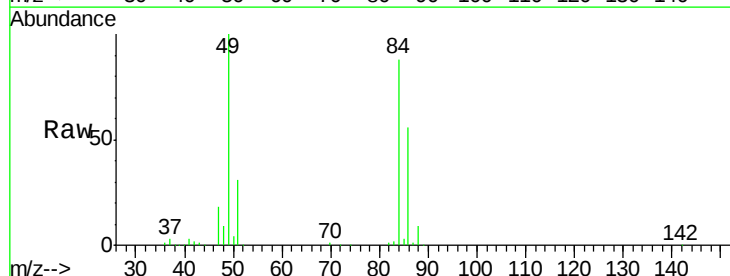
Tot Ion: 73 Resp: 817173
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.3 27.5

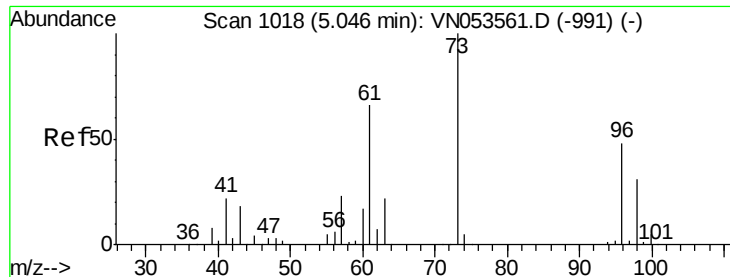


#20

Methylene Chloride
 Concen: 63.614 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

Tgt Ion: 84 Resp: 455841
 Ion Ratio Lower Upper
 84 100
 49 114.1 94.3 141.5
 51 35.9 29.4 44.2
 86 64.1 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.421 ug/l

RT: 5.05 min Scan# 1018

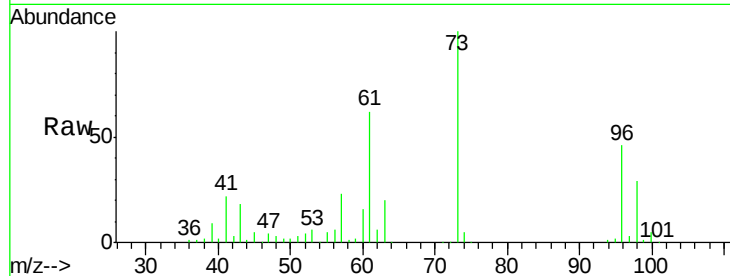
Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

Tot Ion: 96 Resp: 314465

Ion	Ratio	Lower	Upper
96	100		
61	136.1	110.1	165.1
98	63.2	50.0	75.0

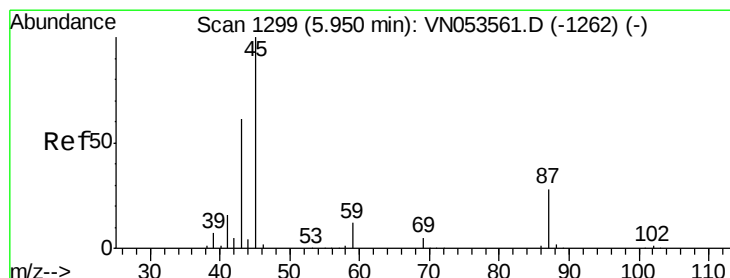
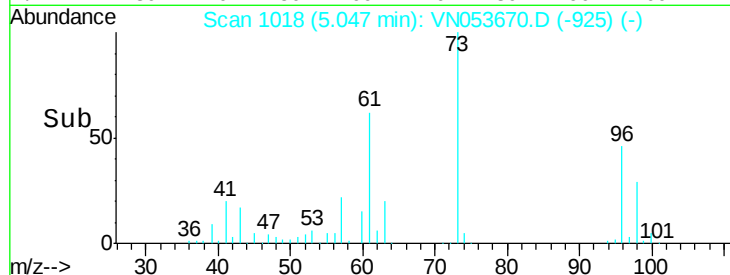
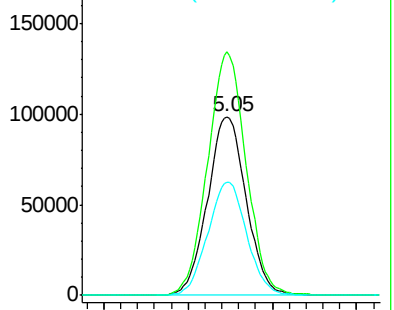


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.277 ug/l

RT: 5.95 min Scan# 1300

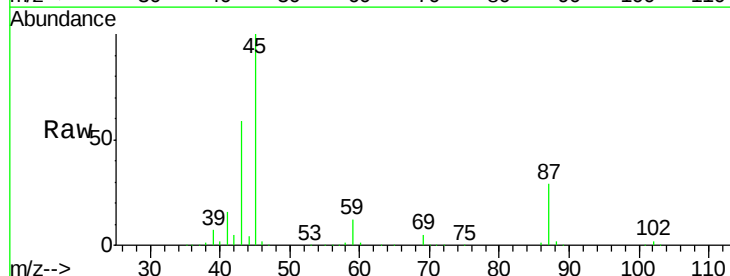
Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

Tgt Ion: 45 Resp: 947981

Ion	Ratio	Lower	Upper
45	100		
43	58.8	44.2	66.4
87	28.4	22.7	34.1
59	12.2	9.4	14.2



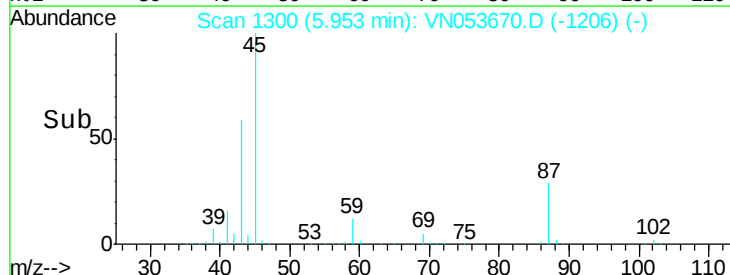
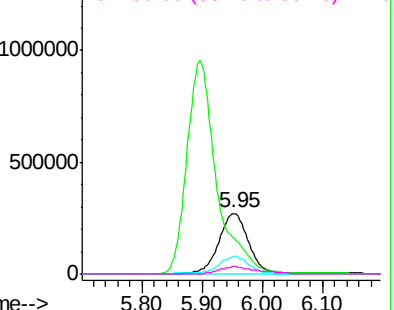
Abundance

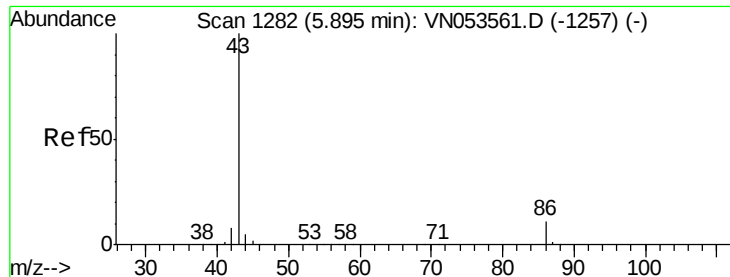
Ion 45.00 (44.70 to 45.70): VN0

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





#23

Vinyl Acetate

Concen: 261.459 ug/l

RT: 5.90 min Scan# 1282

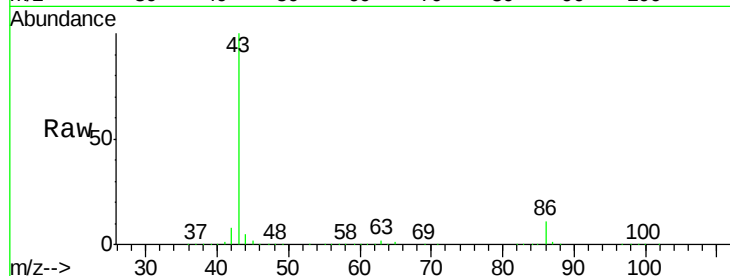
Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

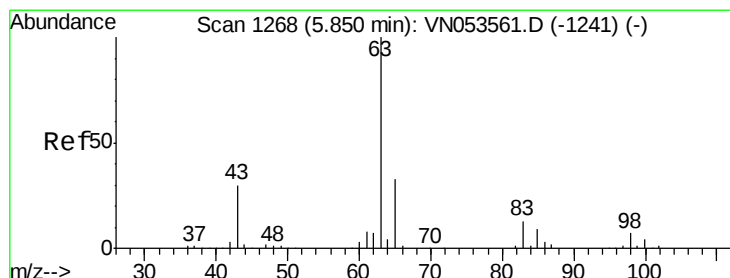
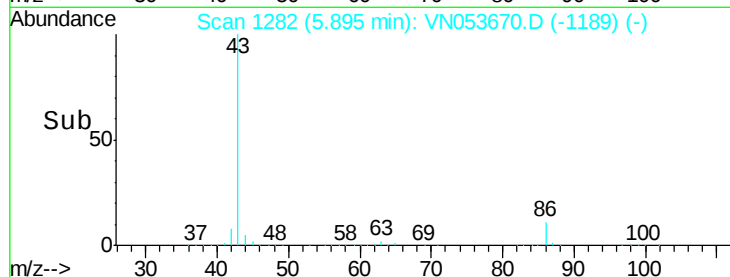
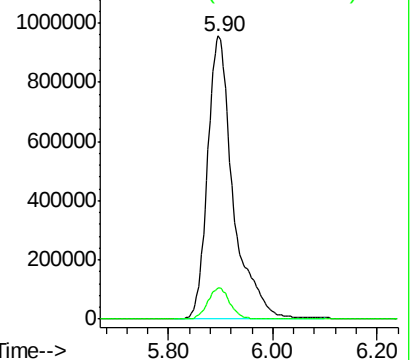
Tot Ion: 43 Resp: 3279925

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.4	12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.714 ug/l

RT: 5.85 min Scan# 1269

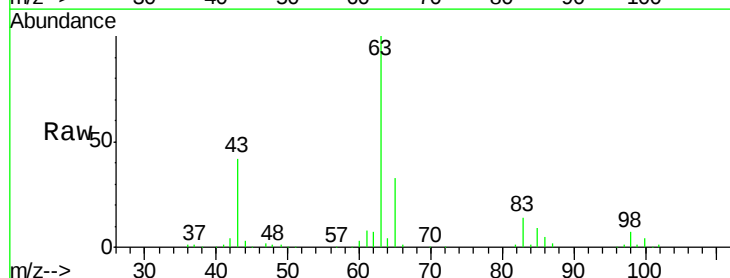
Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

Tgt Ion: 63 Resp: 589198

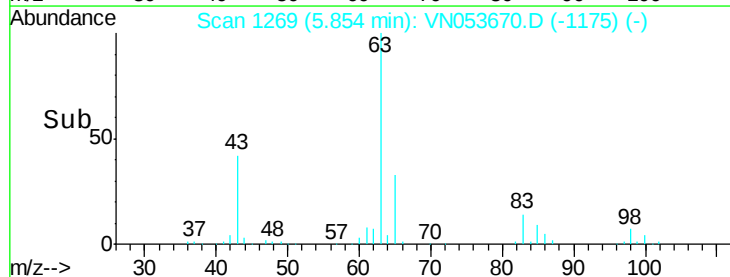
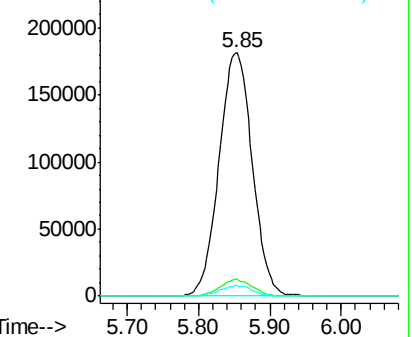
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.9
100	4.2	2.1	6.5

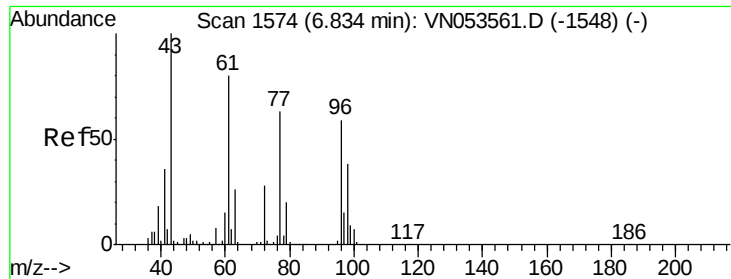


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

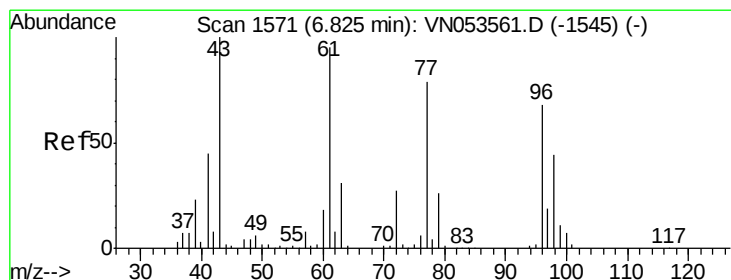
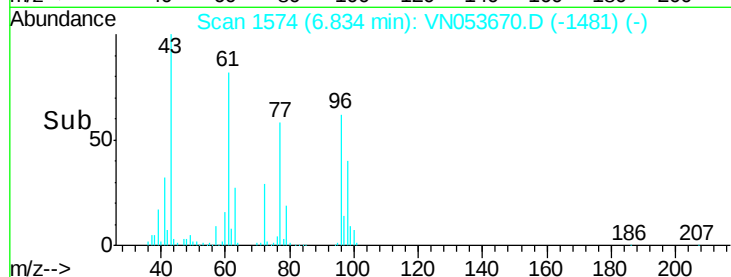
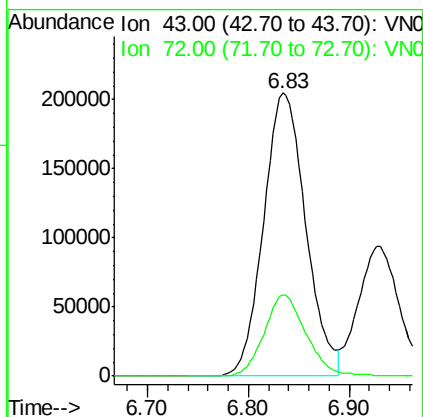
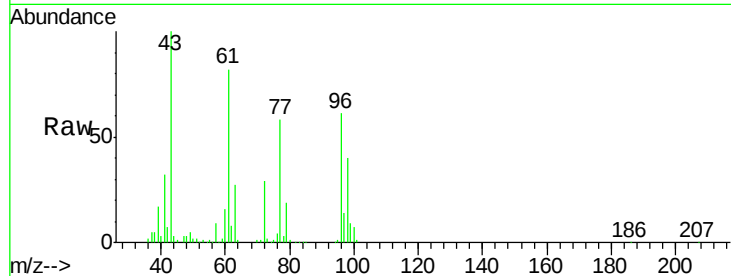
Ion 99.90 (99.60 to 100.60): VN0





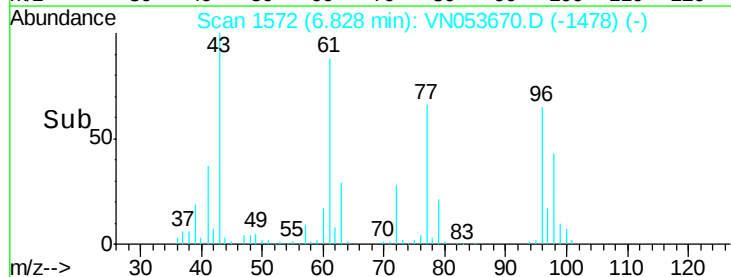
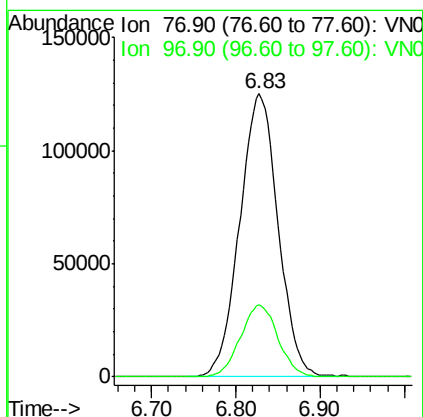
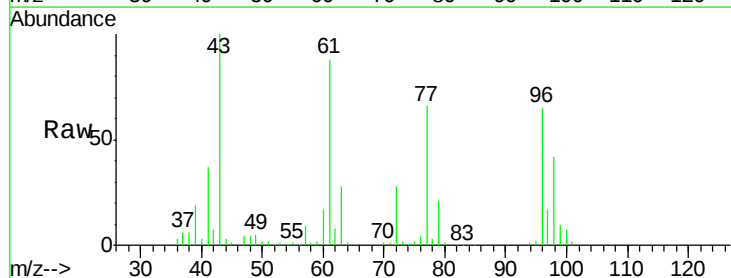
#25
 2-Butanone
 Concen: 243.965 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

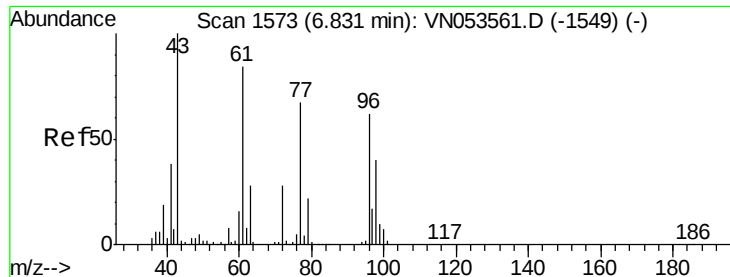
Tot Ion: 43 Resp: 594292
 Ion Ratio Lower Upper
 43 100
 72 28.8 22.0 33.0



#26
 2,2-Dichloropropane
 Concen: 42.836 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

Tgt Ion: 77 Resp: 395506
 Ion Ratio Lower Upper
 77 100
 97 25.0 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 49.807 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

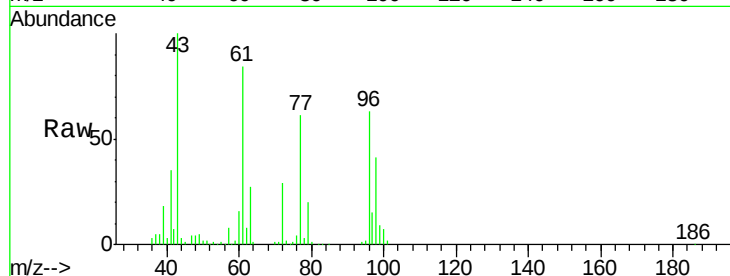
Tot Ion: 96 Resp: 367267

Ion Ratio Lower Upper

96 100

61 135.7 0.0 283.8

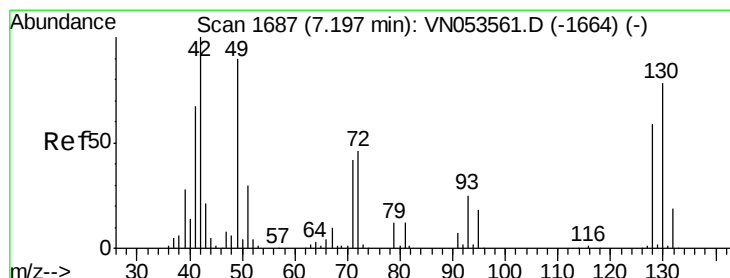
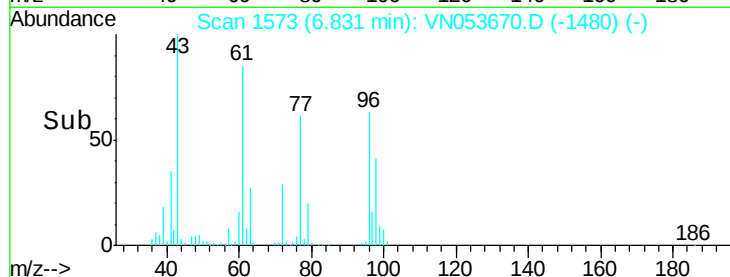
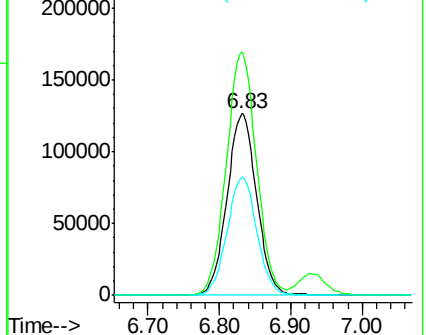
98 65.5 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053670.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN053670.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN053670.D (-1480) (-)



#28

Bromochloromethane

Concen: 50.795 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

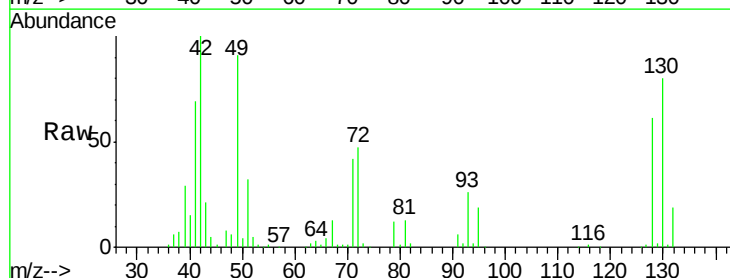
Tgt Ion: 49 Resp: 266610

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

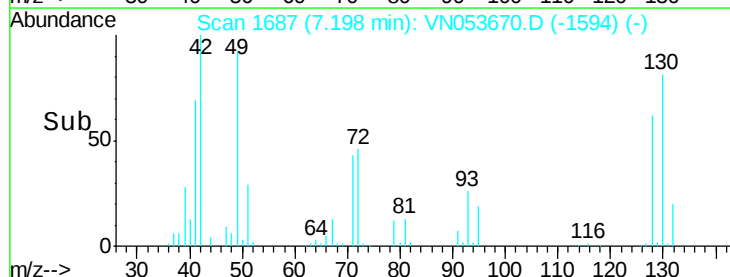
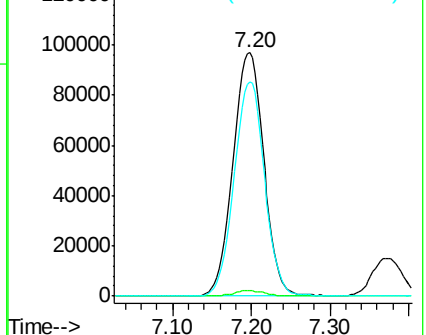
130 86.6 66.3 99.5

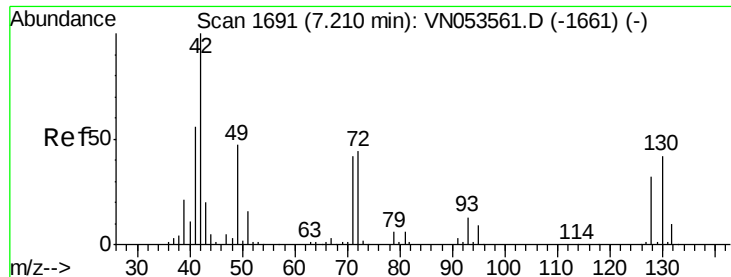


Abundance Ion 48.90 (48.60 to 49.60): VN053670.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN053670.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN053670.D (-1594) (-)





#29

Tetrahydrofuran

Concen: 259.583 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

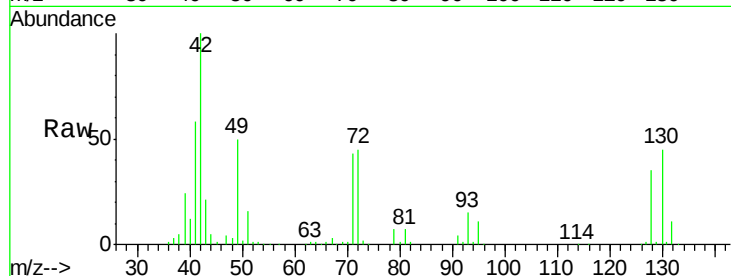
Tot Ion: 42 Resp: 406042

Ion Ratio Lower Upper

42 100

72 45.8 35.2 52.8

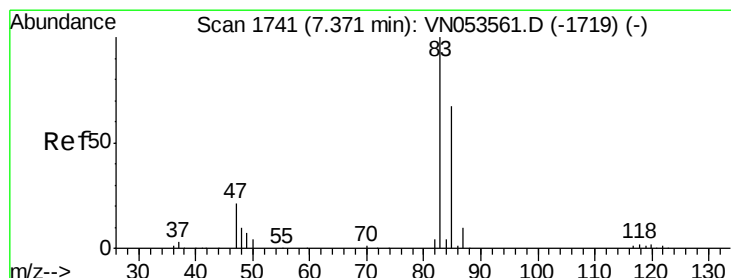
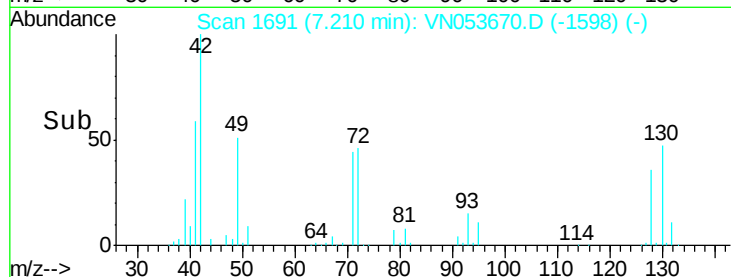
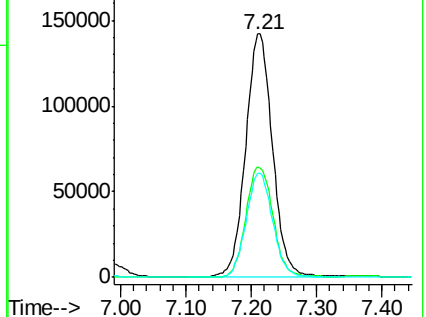
71 42.6 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 48.936 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN053670.D

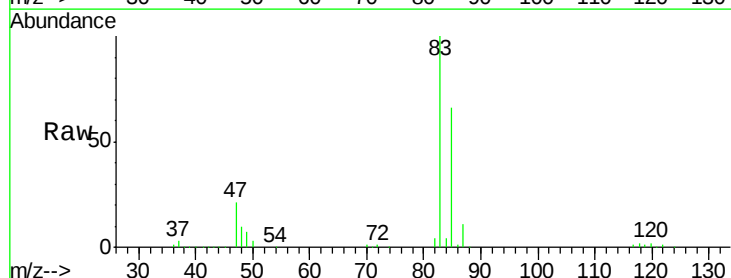
Acq: 7 Feb 2019 21:41

Tgt Ion: 83 Resp: 586740

Ion Ratio Lower Upper

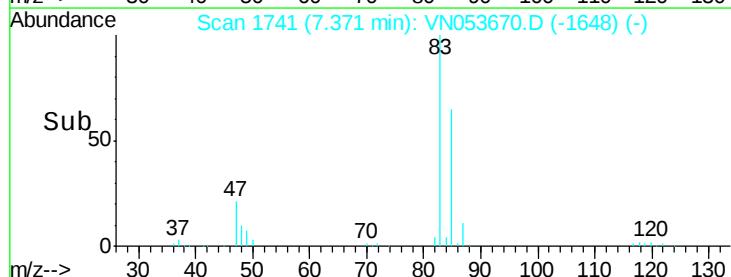
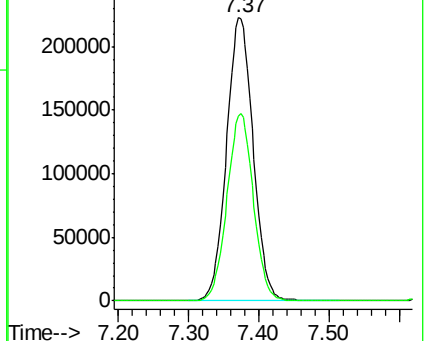
83 100

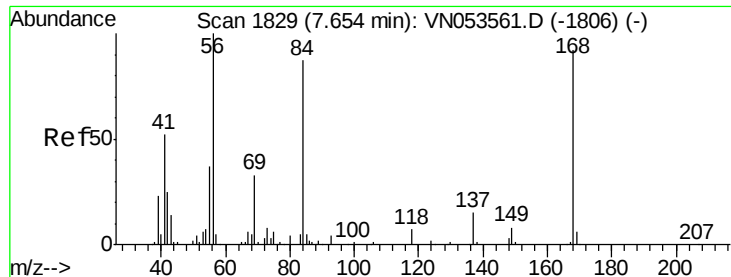
85 65.5 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

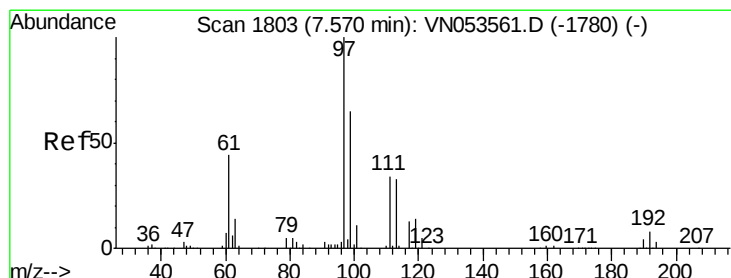
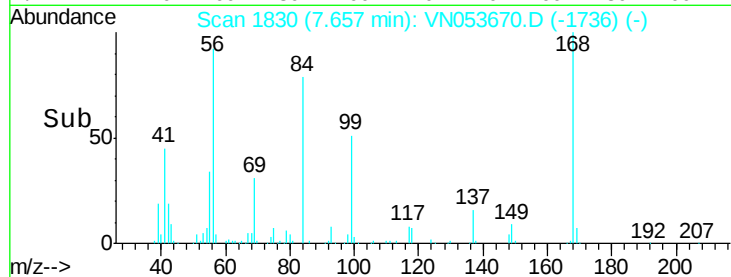
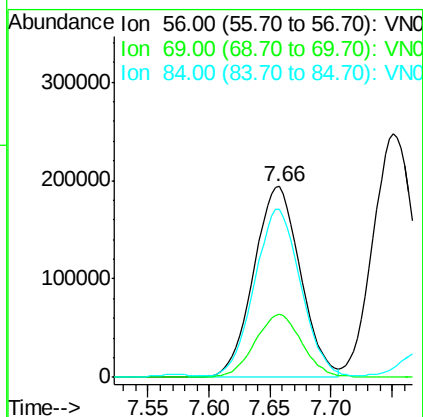
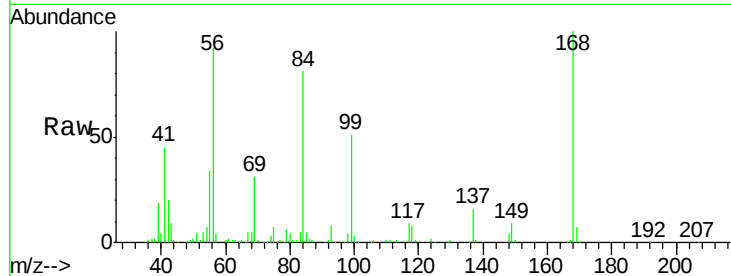
Ion 84.90 (84.60 to 85.60): VN0





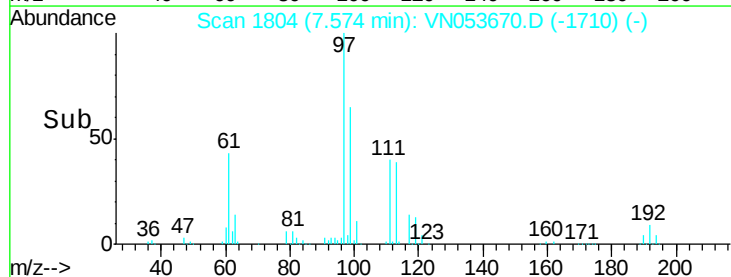
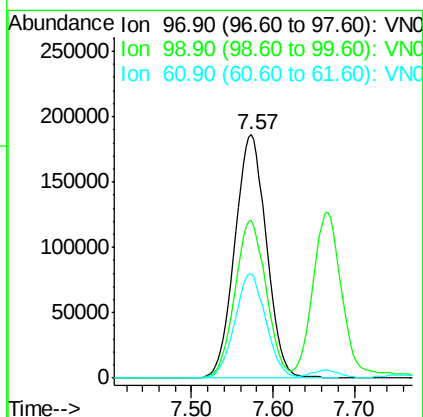
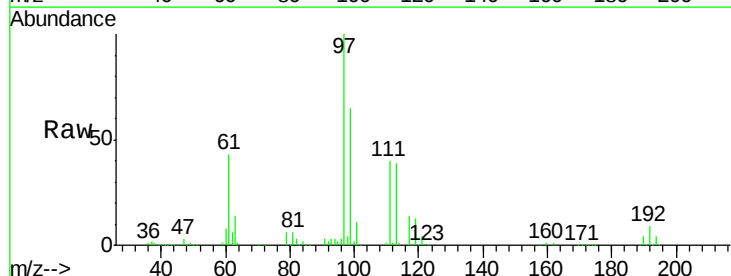
#31
Cyclohexane
Concen: 45.829 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

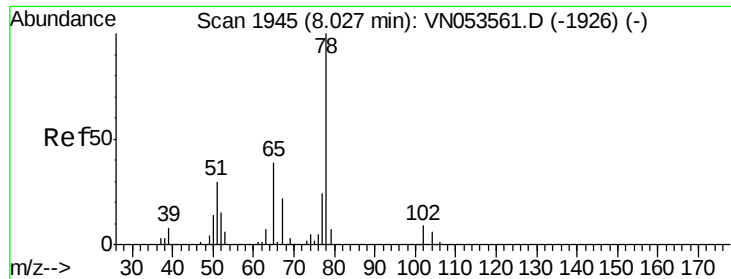
Tot Ion: 56 Resp: 516246
Ion Ratio Lower Upper
56 100
69 33.3 26.4 39.6
84 86.8 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 50.162 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion: 97 Resp: 500519
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 42.1 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 49.733 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053670.D

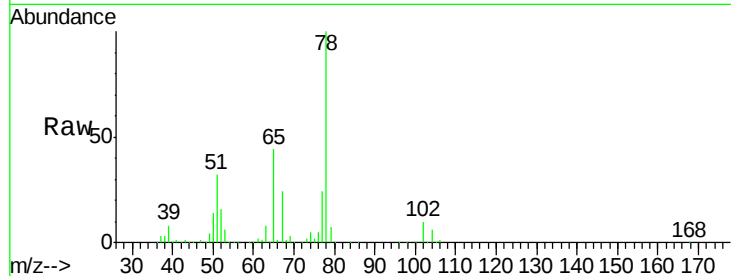
Acq: 7 Feb 2019 21:41

Tot Ion: 65 Resp: 331161

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

150000

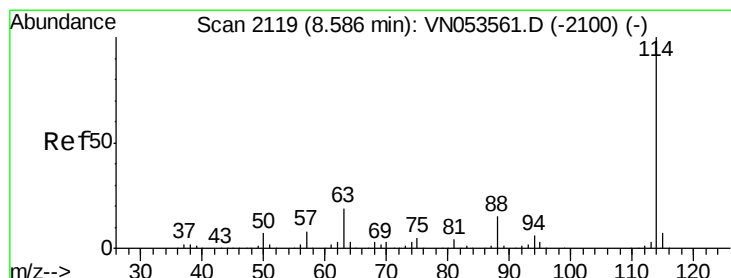
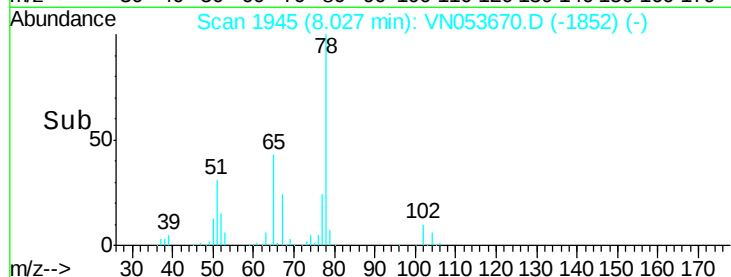
100000

50000

0

Time-->

7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

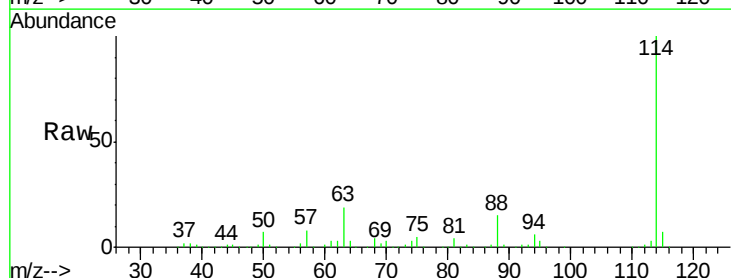
Tgt Ion: 114 Resp: 1024948

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.6

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

600000

500000

400000

300000

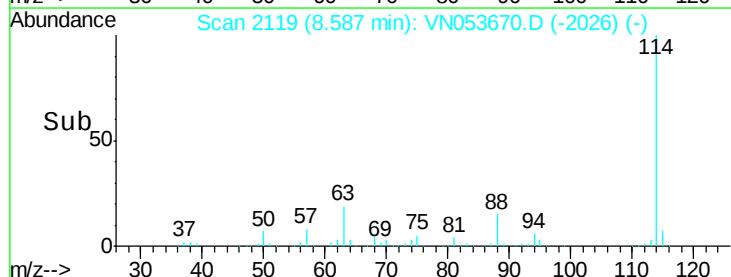
200000

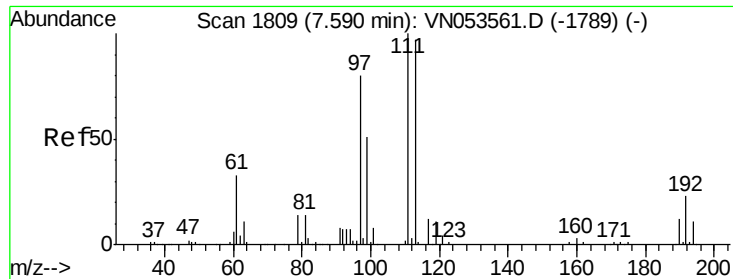
100000

0

Time-->

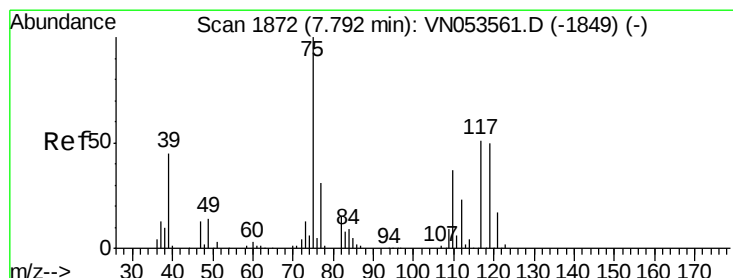
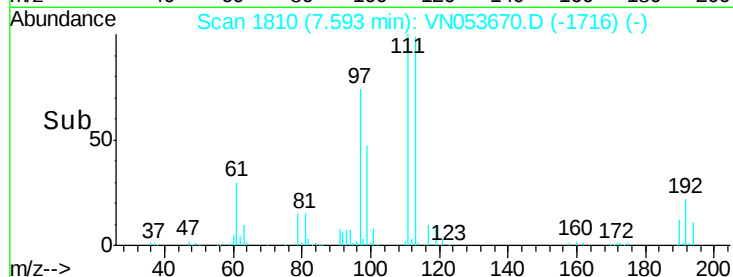
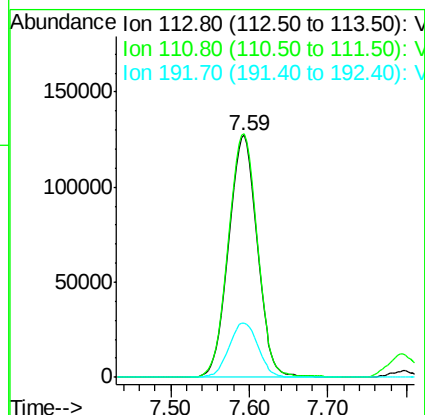
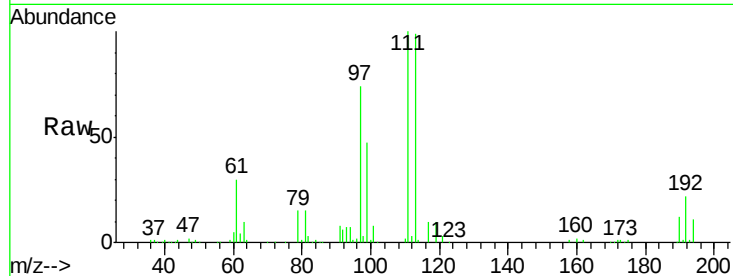
8.50 8.60 8.70 8.80





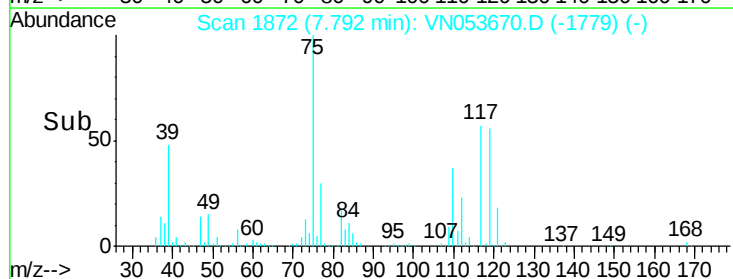
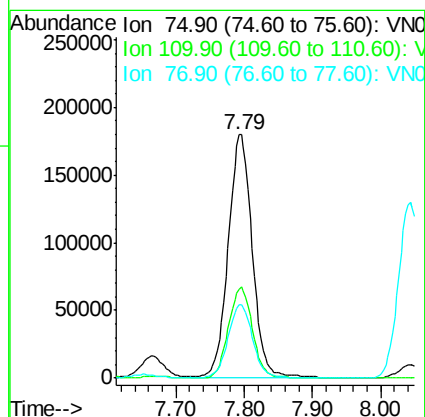
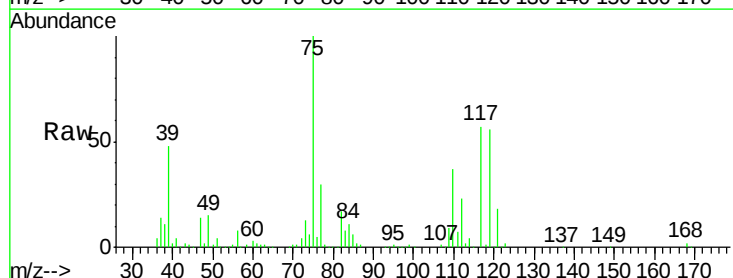
#35
 Dibromofluoromethane
 Concen: 49.634 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

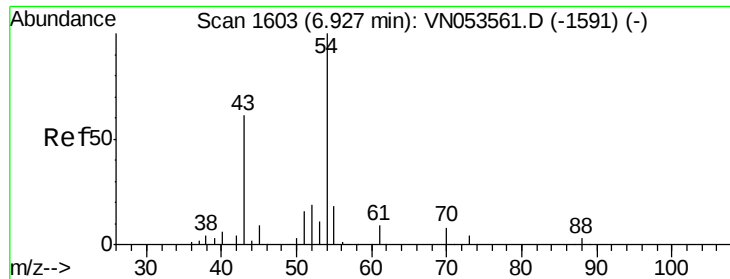
Tot Ion:113 Resp: 321444
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.1 121.7
 192 22.8 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 47.706 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

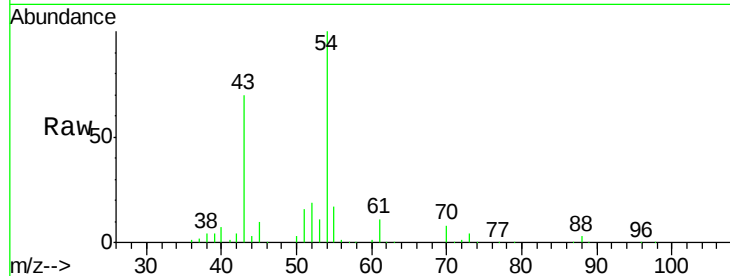
Tgt Ion: 75 Resp: 440770
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.1 54.3
 77 30.9 25.1 37.7



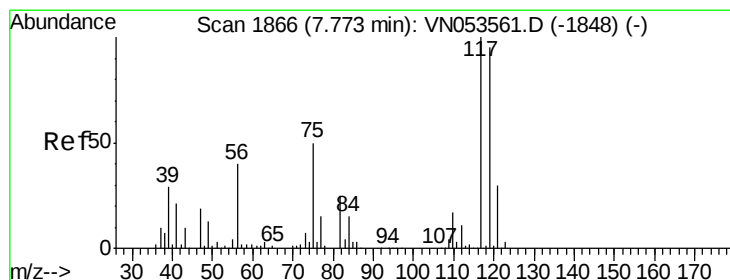
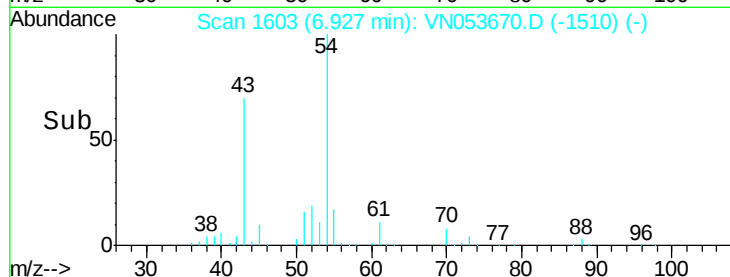
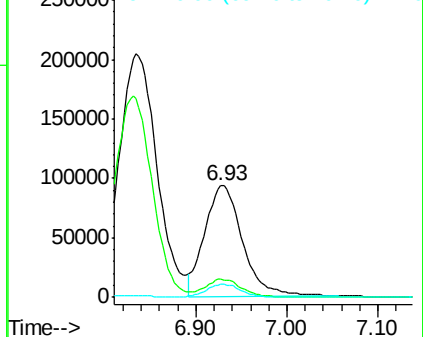


#37
Ethyl Acetate
Concen: 52.255 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tot Ion: 43 Resp: 269645
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 10.4 8.6 12.8

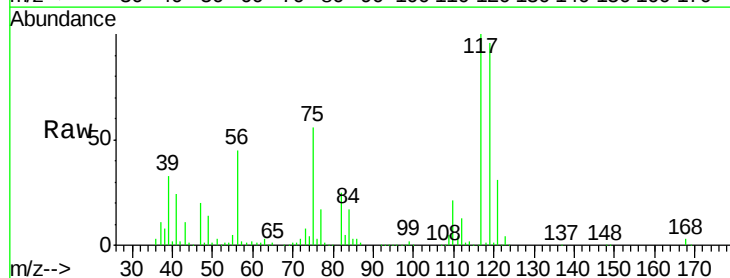


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

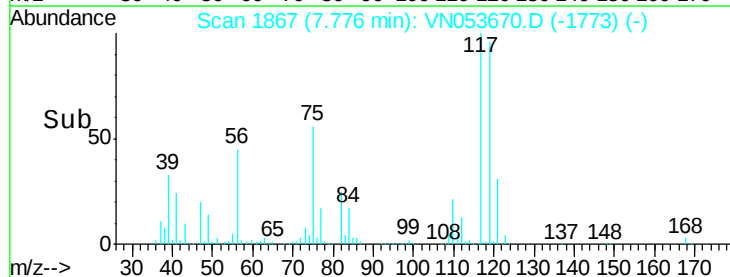
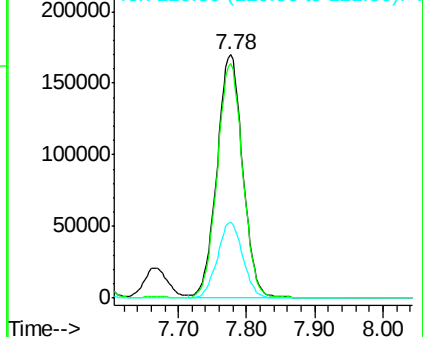


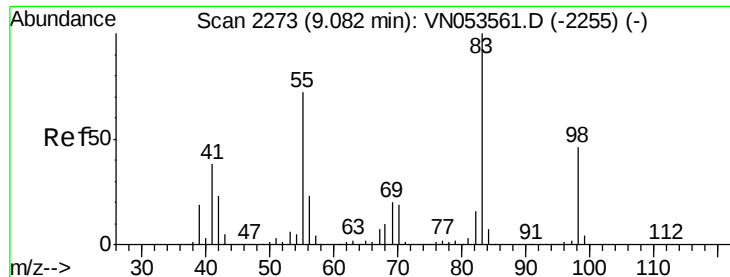
#38
Carbon Tetrachloride
Concen: 47.860 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion: 117 Resp: 445460
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8
121 31.1 24.6 37.0



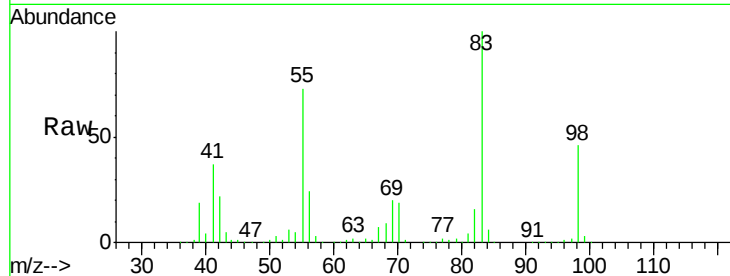
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



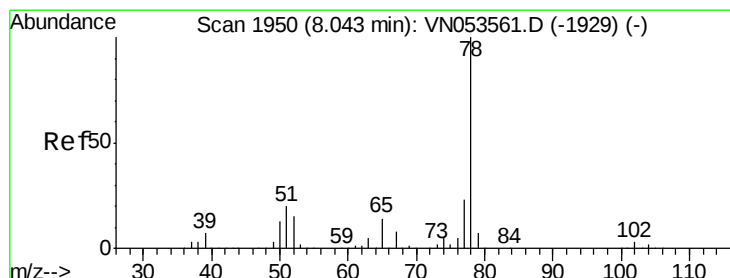
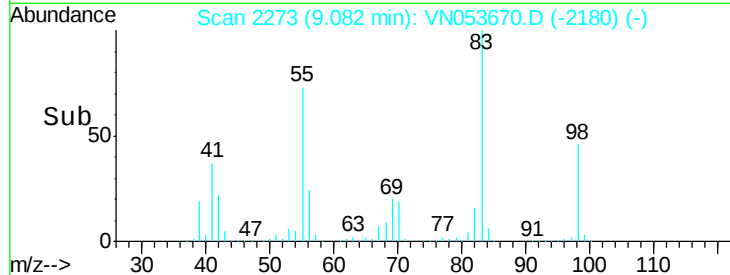
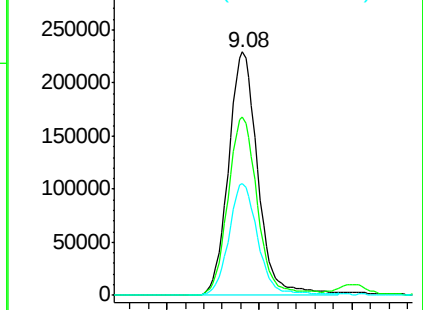


#39
Methvlcvclohexane
Concen: 45.980 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tot Ion	83	Resp	504008
Ion Ratio	100		
Lower	60.1		
Upper	90.1		
83	73.4		
55	46.1		
98	36.6		

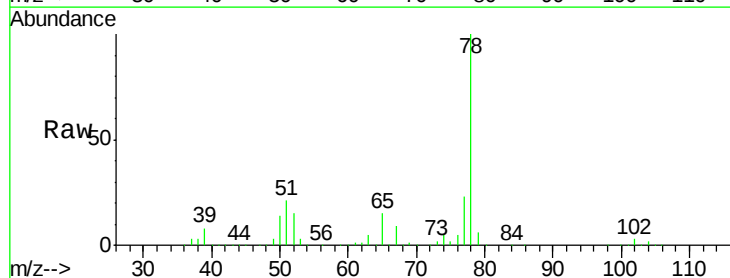


Abundance Ion 83.00 (82.70 to 83.70): VN053670.D (-2180) (-)

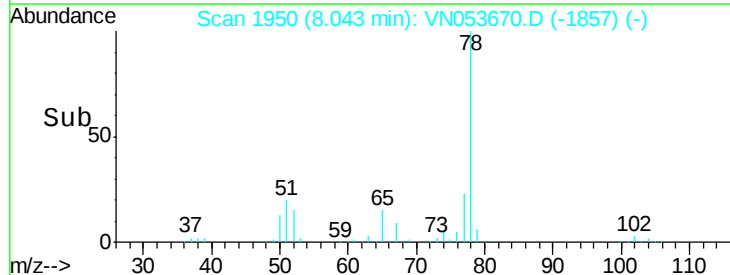
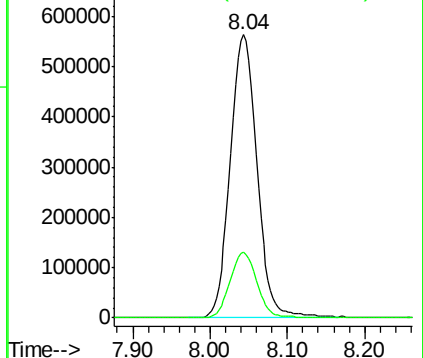


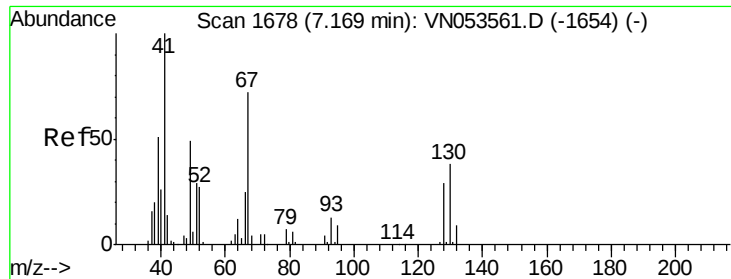
#40
Benzene
Concen: 47.376 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion	78	Resp	1349814
Ion Ratio	100		
Lower	18.8		
Upper	28.2		
78	23.0		
77			



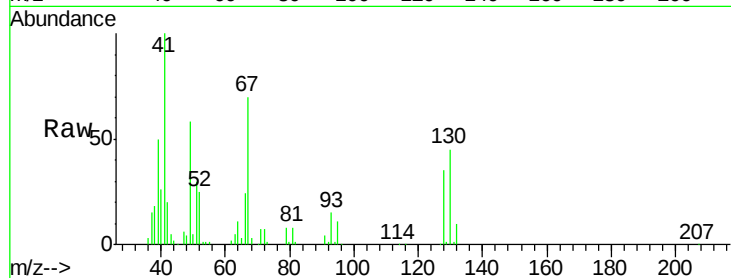
Abundance Ion 78.00 (77.70 to 78.70): VN053670.D (-1857) (-)



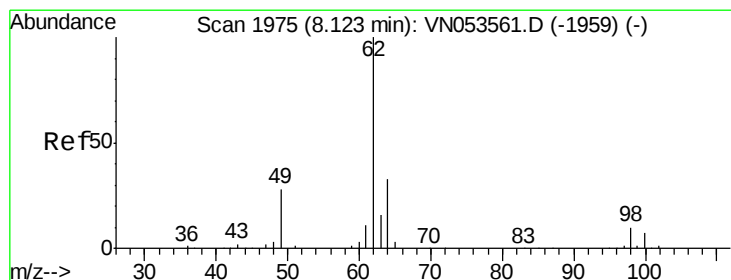
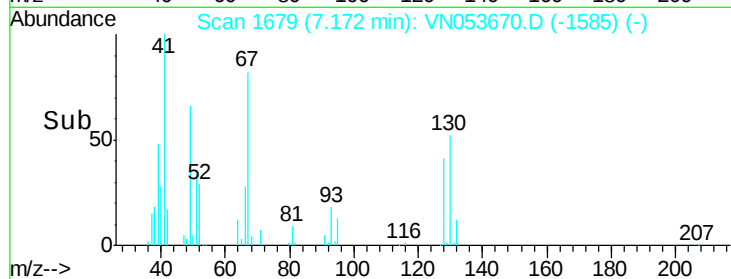
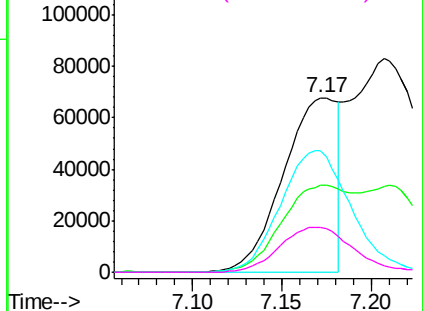


#41
Methacrylonitrile
Concen: 49.515 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tot Ion:	41	Resp:	142802
Ion	Ratio	Lower	Upper
41	100		
39	63.9	46.8	70.2
67	91.5	63.0	94.6
52	35.4	23.8	35.8

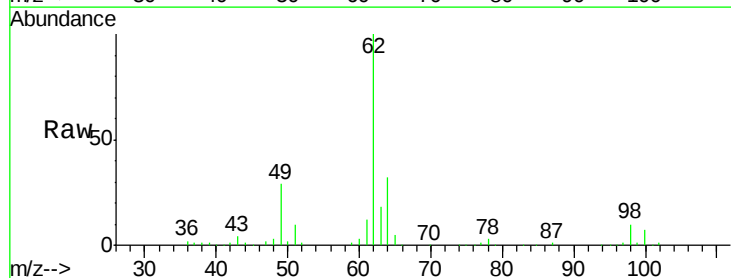


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

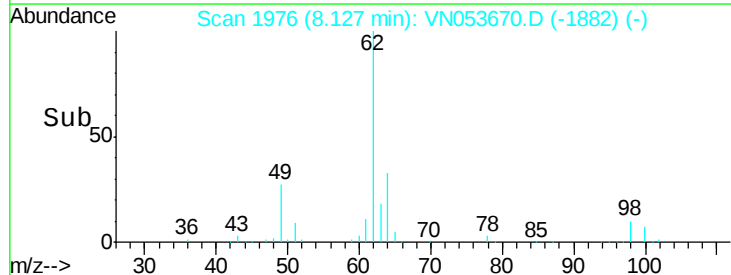
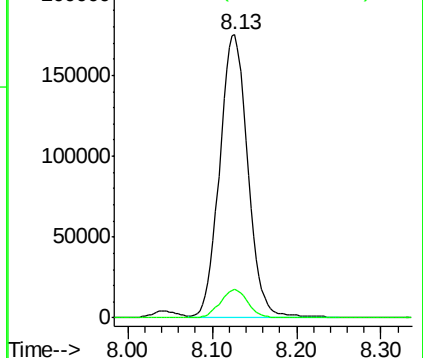


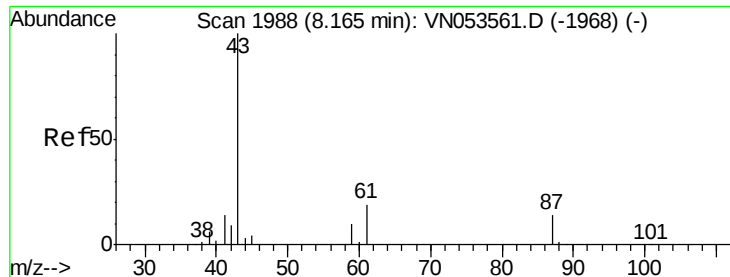
#42
1,2-Dichloroethane
Concen: 47.962 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion:	62	Resp:	405744
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 48.999 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

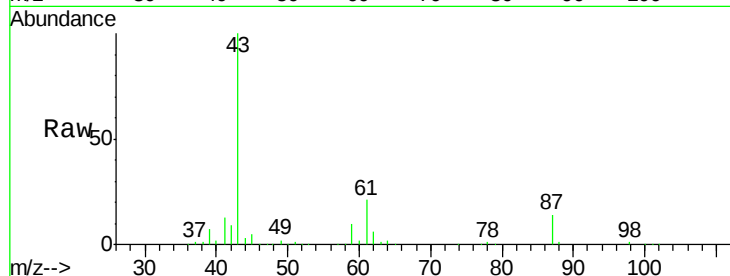
Tot Ion: 43 Resp: 488295

Ion Ratio Lower Upper

43 100

61 28.8 23.9 35.9

87 14.1 11.0 16.6

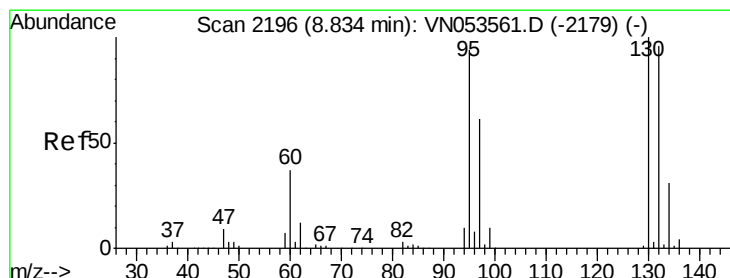
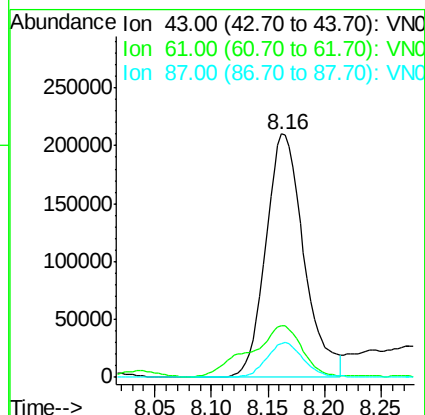
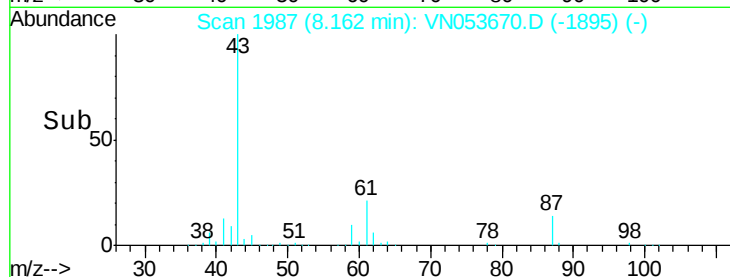


Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053561.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053561.D (-1968) (-)

Time-->



#44

Trichloroethene

Concen: 46.984 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053670.D

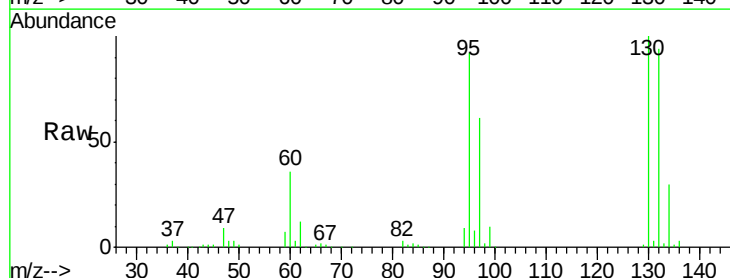
Acq: 7 Feb 2019 21:41

Tgt Ion:130 Resp: 381106

Ion Ratio Lower Upper

130 100

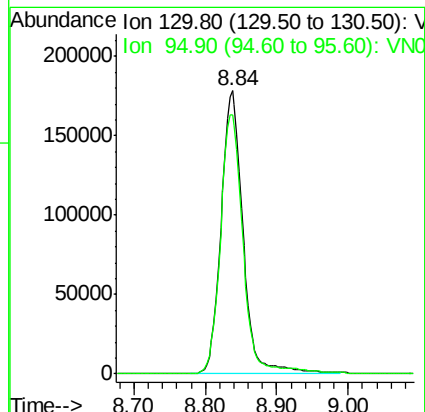
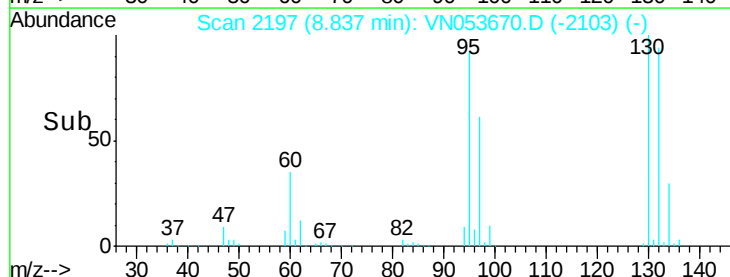
95 91.5 0.0 191.4

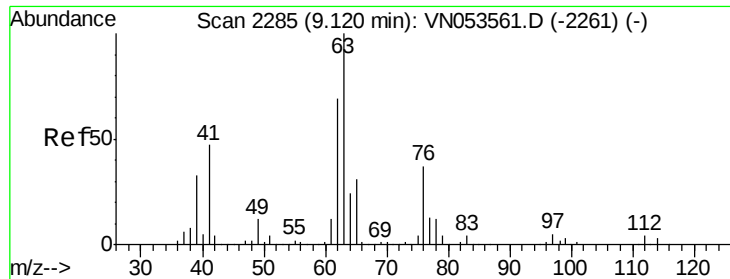


Abundance Ion 129.80 (129.50 to 130.50): VN053561.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053561.D (-2179) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 49.137 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053670.D

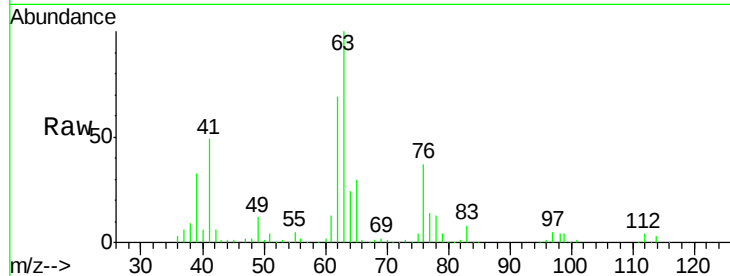
Acq: 7 Feb 2019 21:41

Tot Ion: 63 Resp: 358079

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN053670.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN053670.D (-2192) (-)

9.12

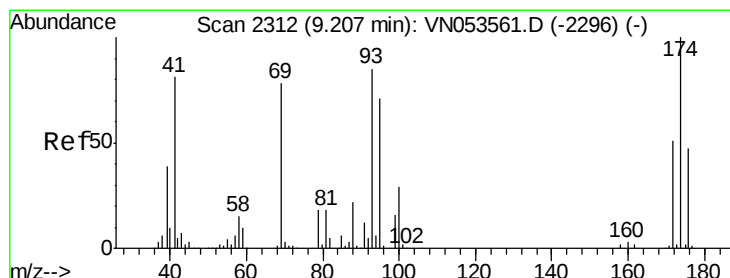
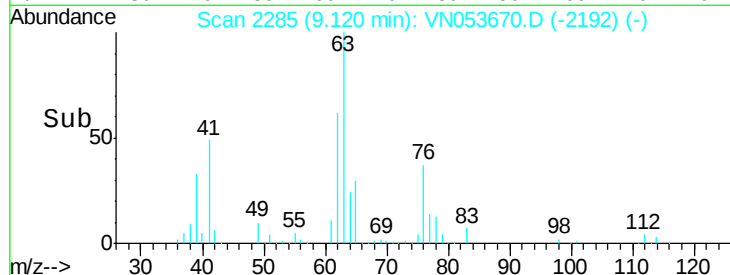
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.200 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

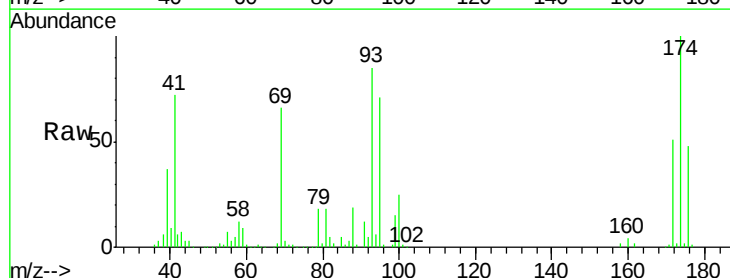
Tgt Ion: 93 Resp: 216133

Ion Ratio Lower Upper

93 100

95 82.1 67.3 100.9

174 115.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VN053670.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN053670.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN053670.D (-2219) (-)

9.21

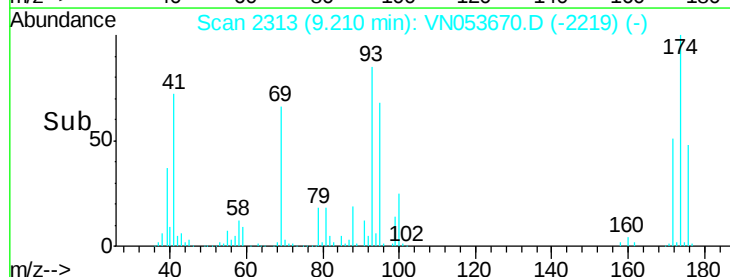
150000

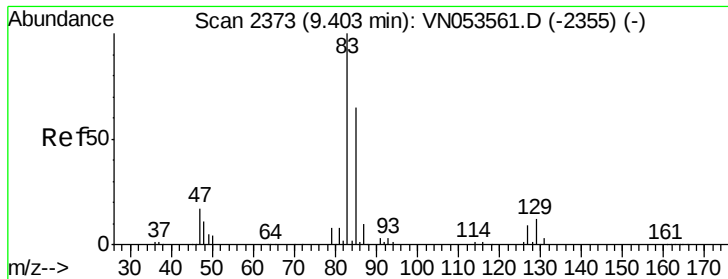
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 48.906 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

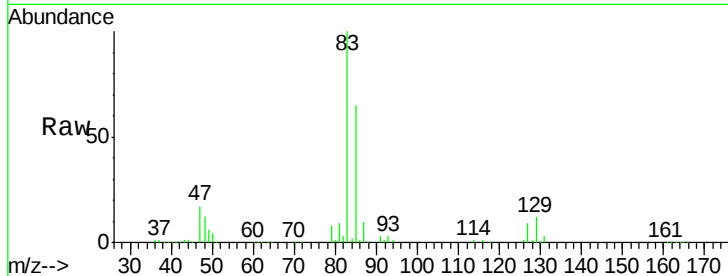
Tot Ion: 83 Resp: 446693

Ion Ratio Lower Upper

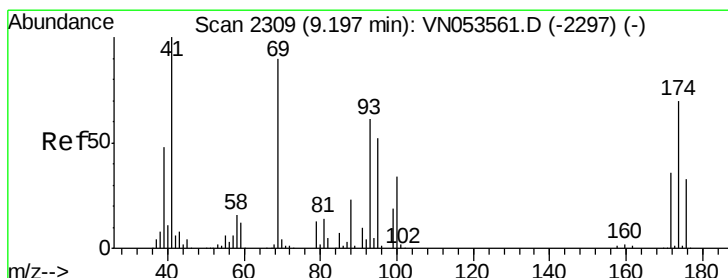
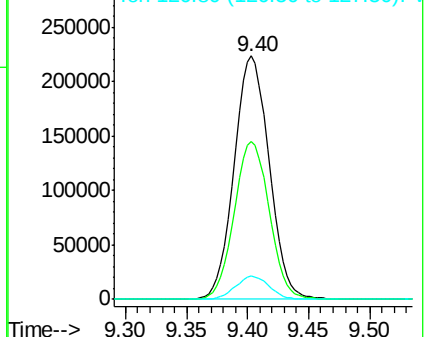
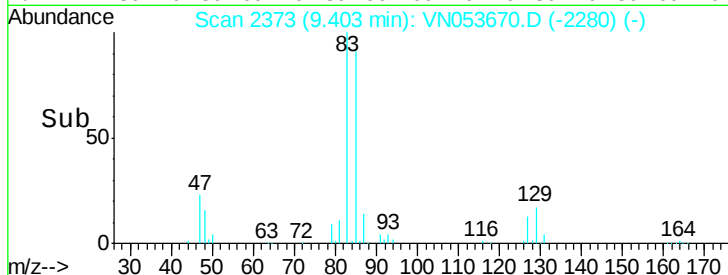
83 100

85 64.7 51.0 76.6

127 9.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053670.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.089 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

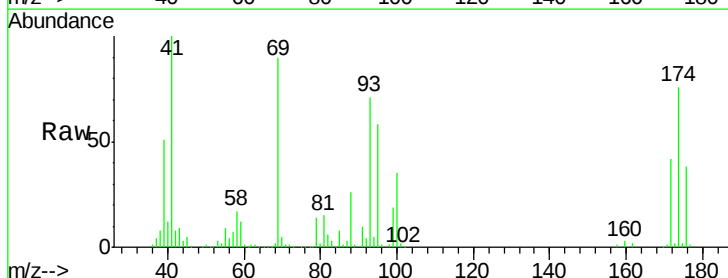
Tgt Ion: 41 Resp: 247784

Ion Ratio Lower Upper

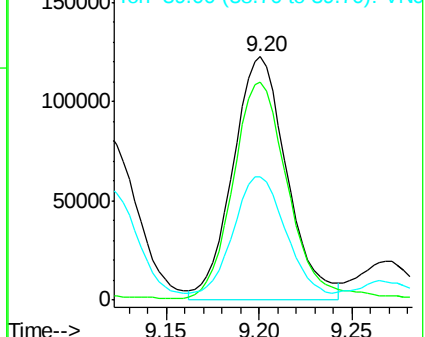
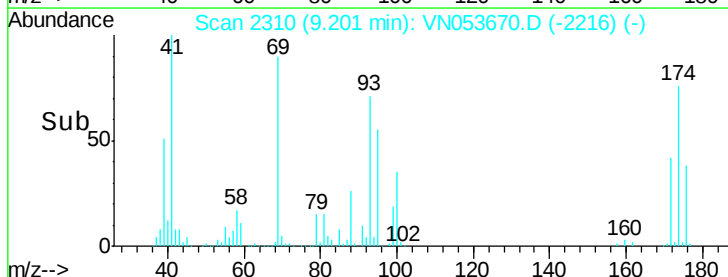
41 100

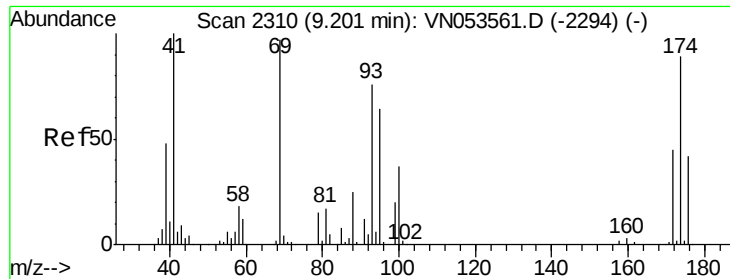
69 91.3 73.8 110.6

39 51.0 40.0 60.0



Abundance Ion 41.00 (40.70 to 41.70): VN053670.D (-2216) (-)





#49

1,4-Dioxane

Concen: 973.757 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

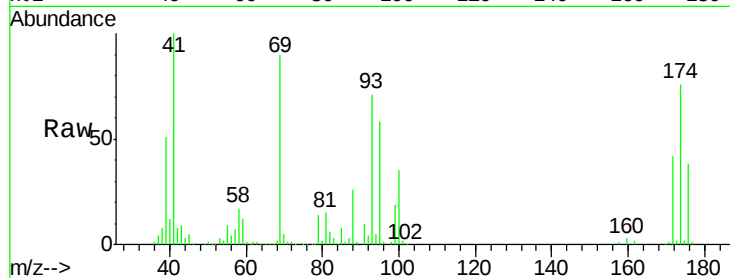
Tot Ion: 88 Resp: 67045

Ion Ratio Lower Upper

88 100

43 29.9 27.8 41.6

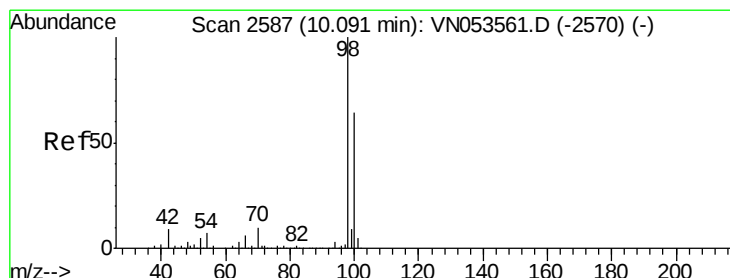
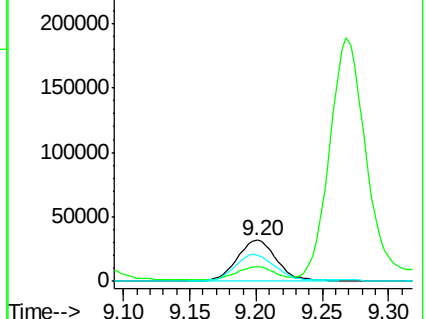
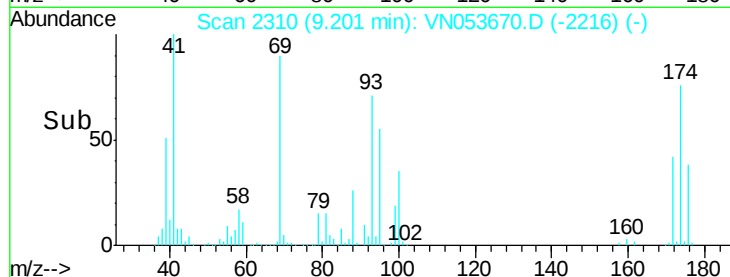
58 66.6 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VN053561.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN053561.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-2294) (-)



#50

Toluene-d8

Concen: 48.507 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053670.D

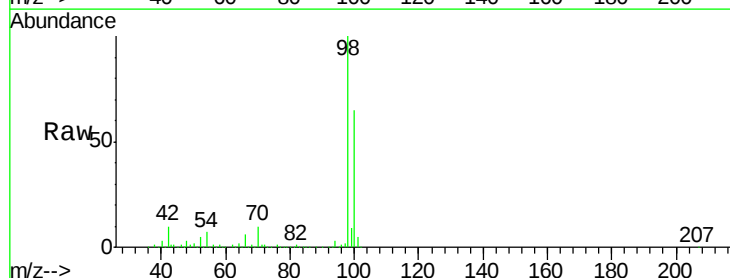
Acq: 7 Feb 2019 21:41

Tgt Ion: 98 Resp: 1179566

Ion Ratio Lower Upper

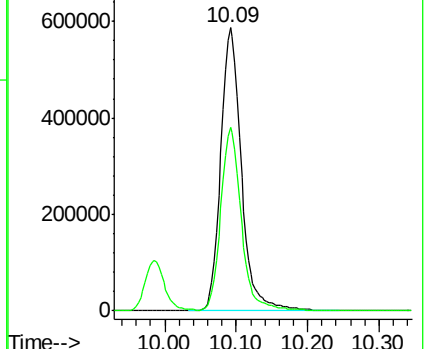
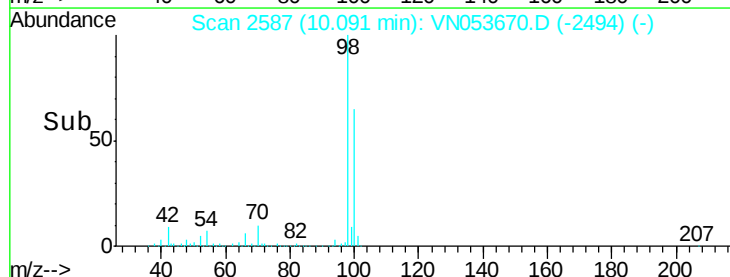
98 100

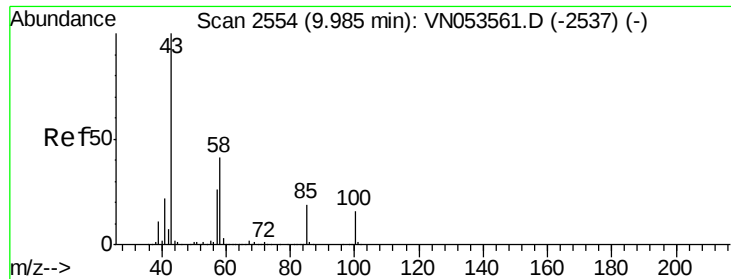
100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 258.545 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053670.D

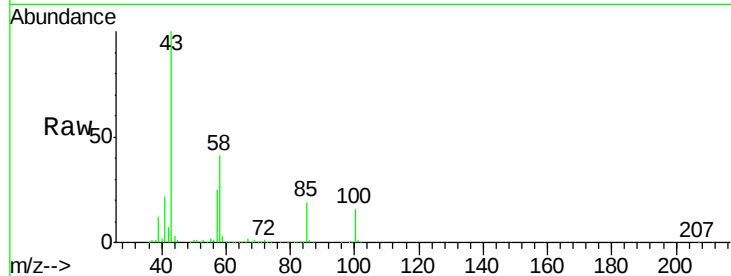
Acq: 7 Feb 2019 21:41

Tot Ion: 43 Resp: 1266099

Ion Ratio Lower Upper

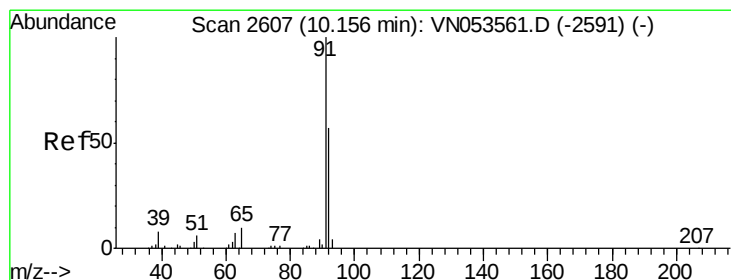
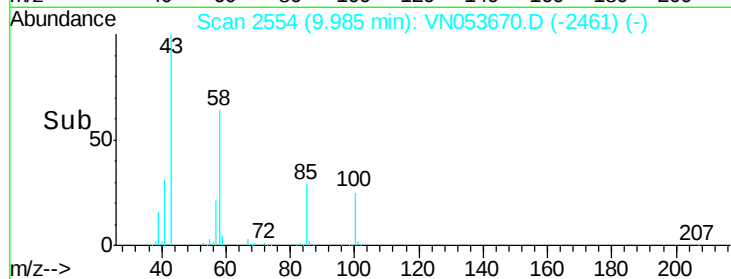
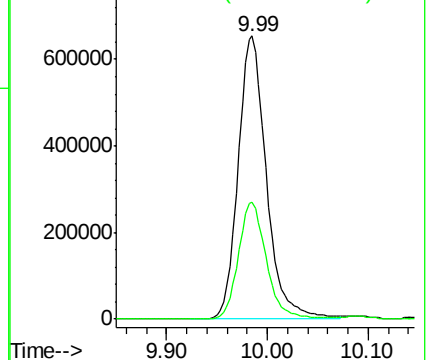
43 100

58 41.0 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 48.839 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053670.D

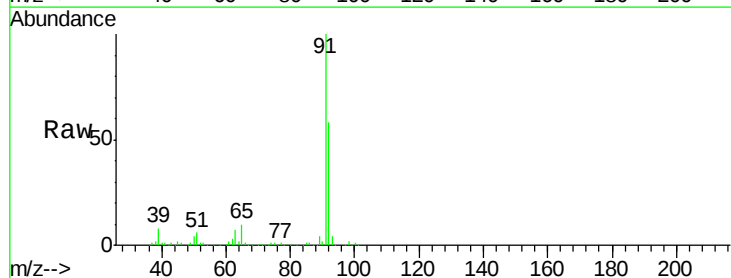
Acq: 7 Feb 2019 21:41

Tgt Ion: 92 Resp: 825844

Ion Ratio Lower Upper

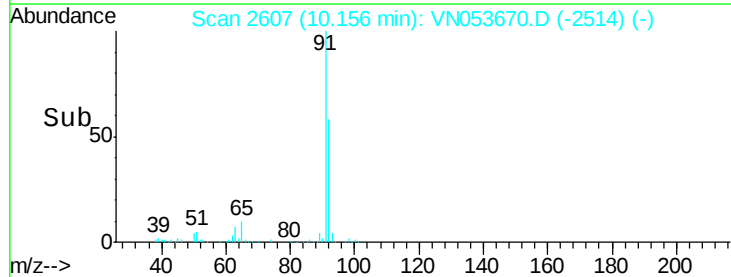
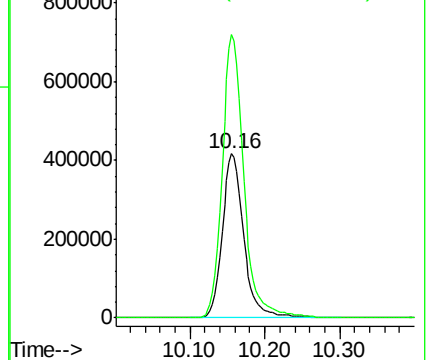
92 100

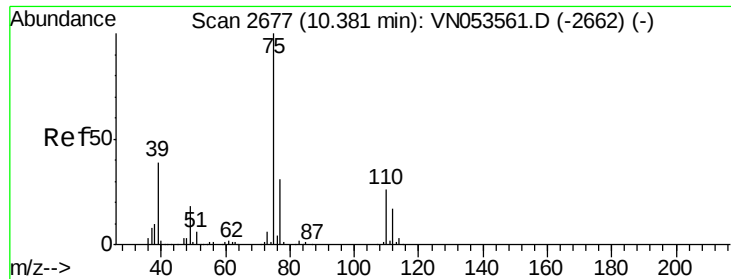
91 173.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

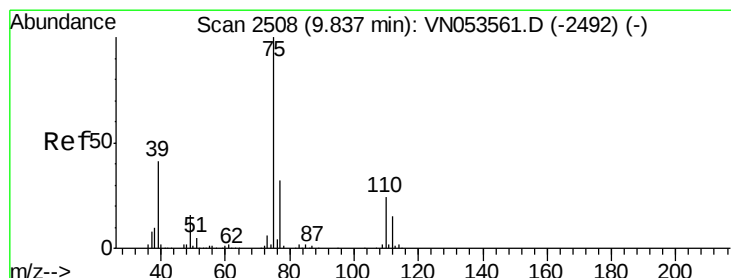
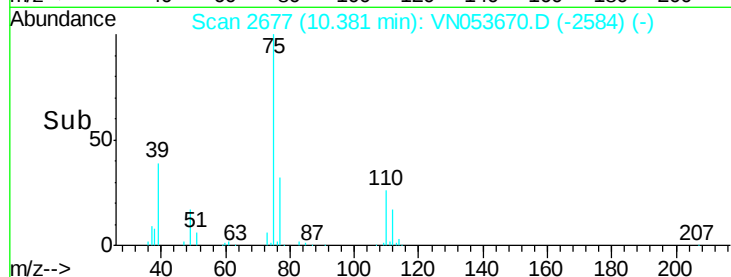
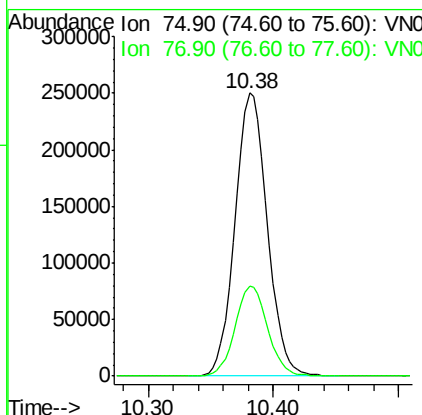
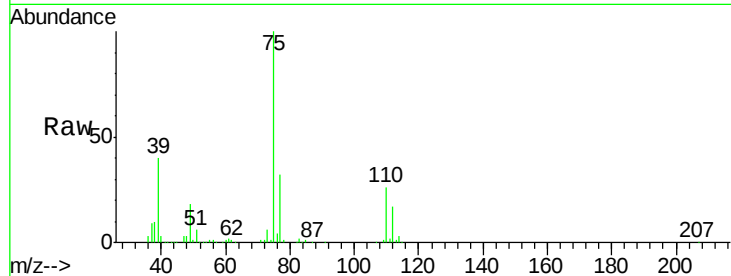
Ion 91.00 (90.70 to 91.70): VN0





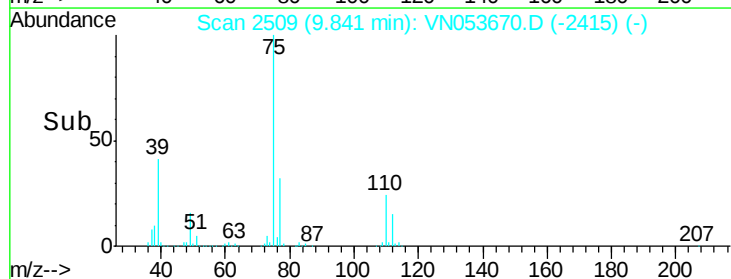
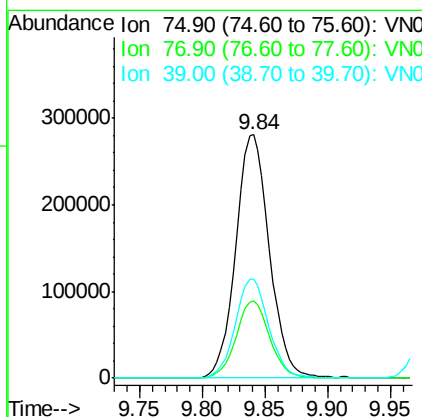
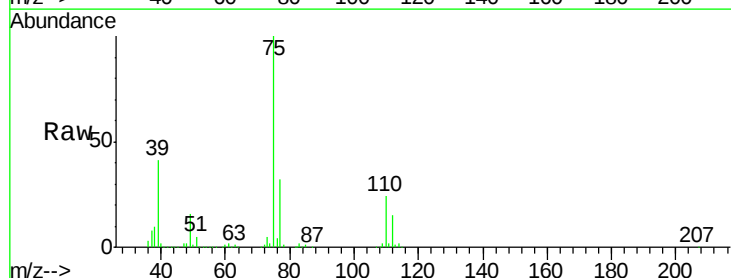
#53
t-1,3-Dichloropropene
Concen: 48.970 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

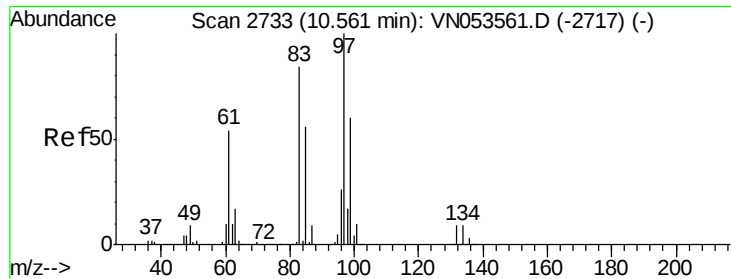
Tot Ion: 75 Resp: 447889
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 48.309 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

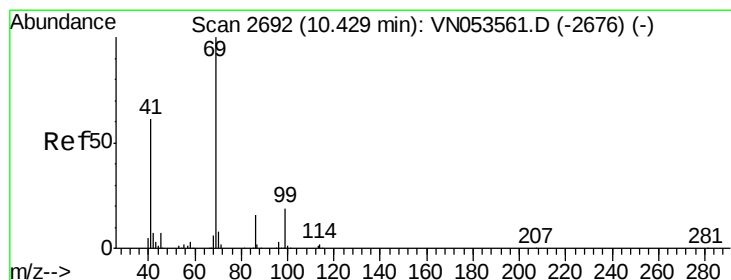
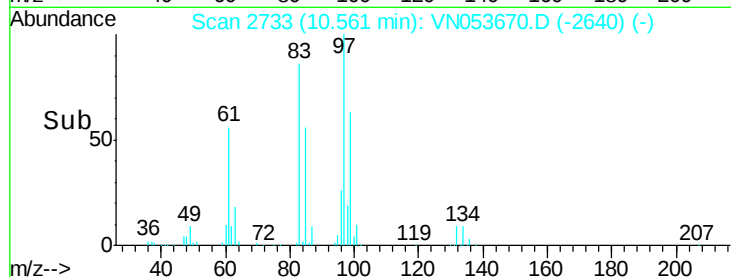
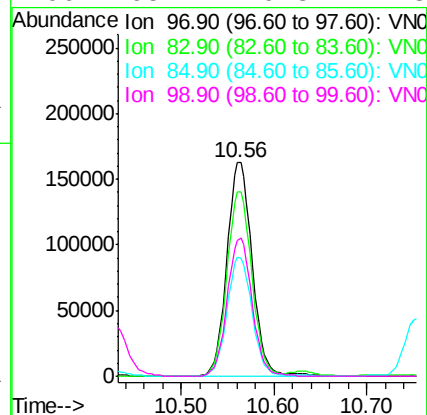
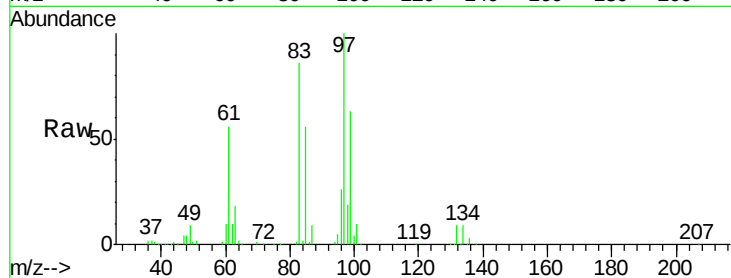
Tgt Ion: 75 Resp: 523575
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 40.8 33.4 50.0





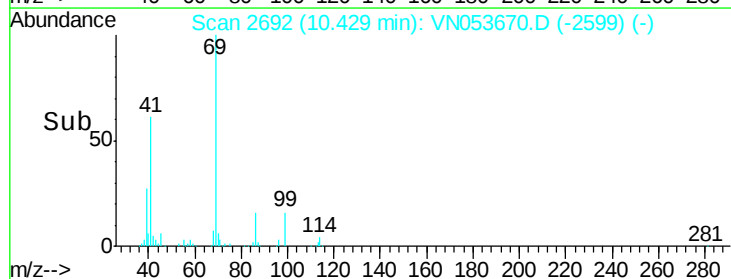
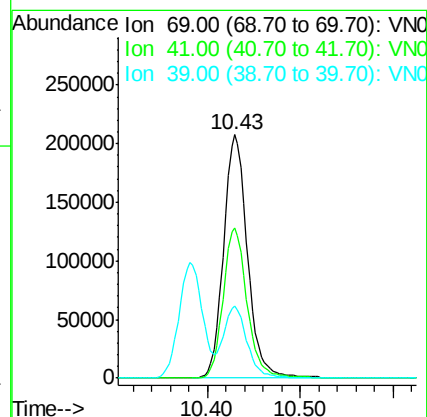
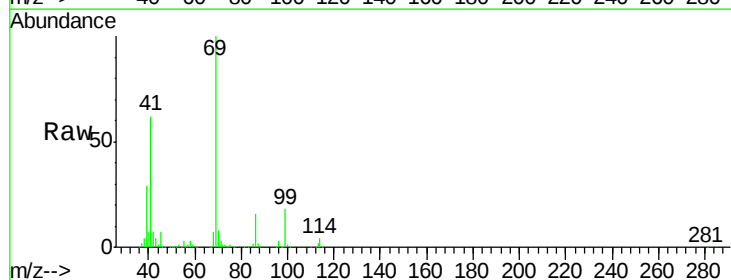
#55
 1,1,2-Trichloroethane
 Concen: 50.366 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

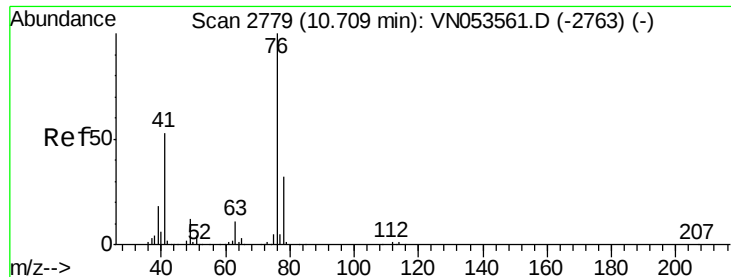
Tot Ion:	97	Resp:	306889
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.1	105.1
85	55.8	45.4	68.0
99	63.4	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 51.421 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

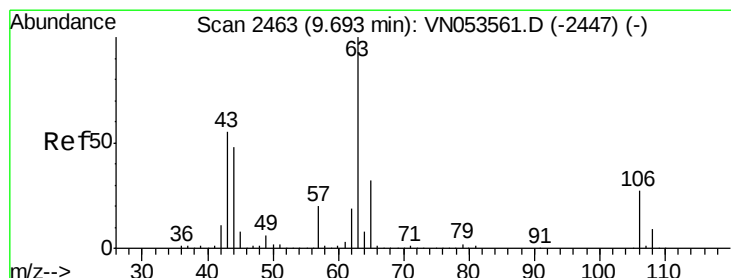
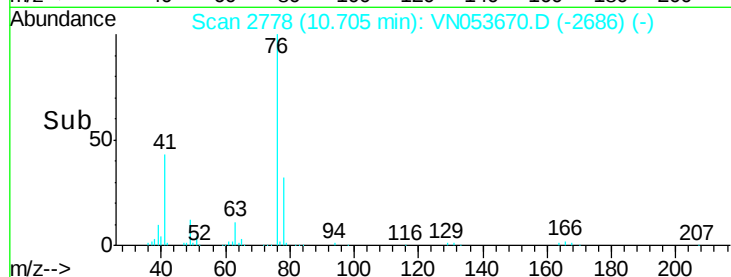
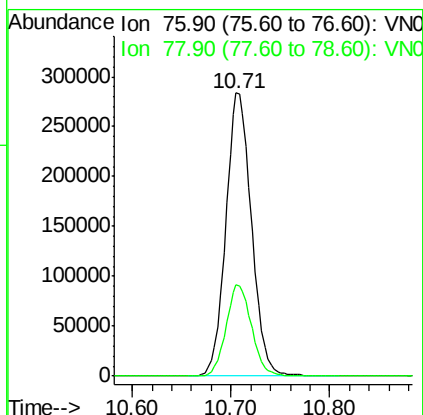
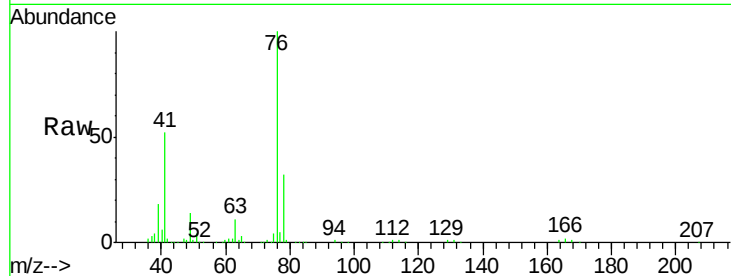
Tgt Ion:	69	Resp:	370658
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.4	74.0
39	28.9	23.3	34.9





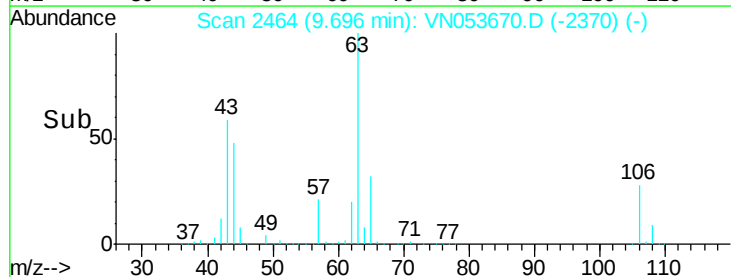
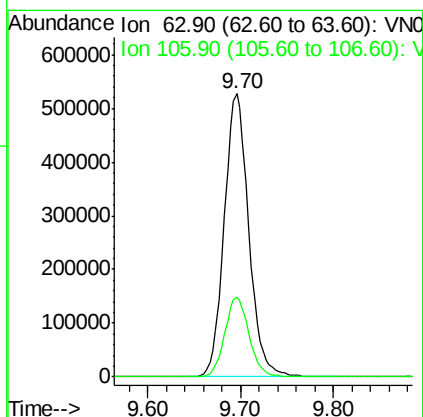
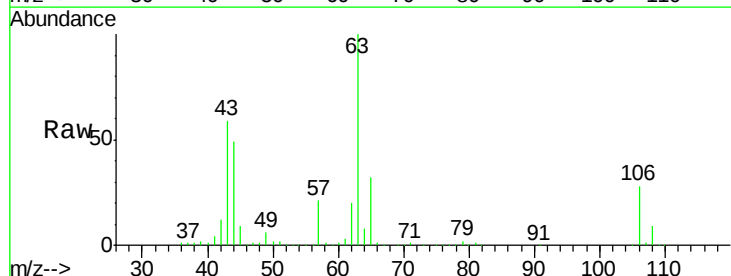
#57
 1,3-Dichloropropane
 Concen: 49.567 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

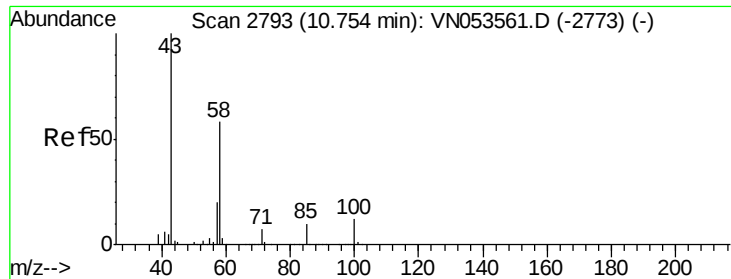
Tot Ion: 76 Resp: 516174
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 217.339 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

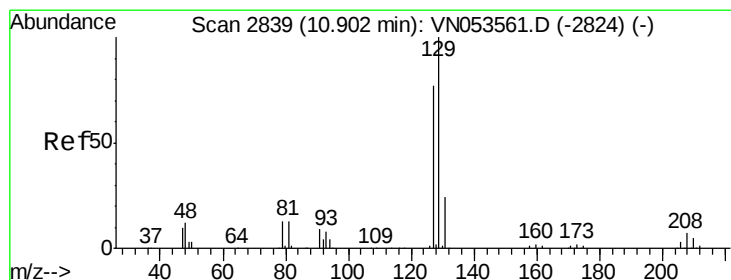
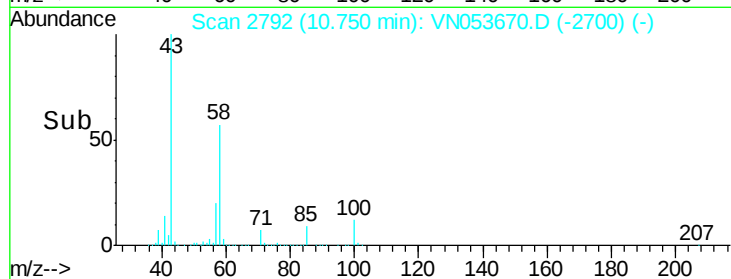
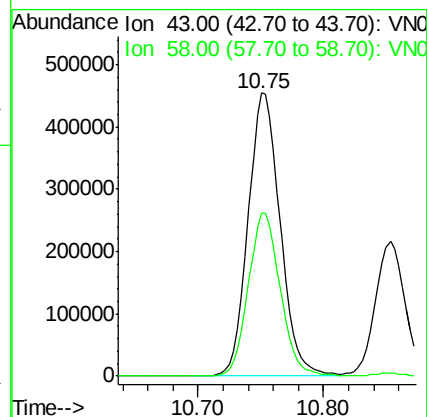
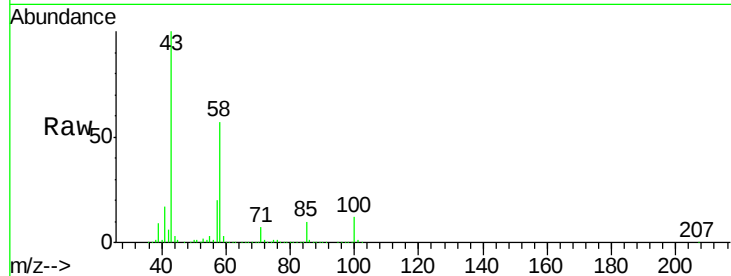
Tgt Ion: 63 Resp: 966760
 Ion Ratio Lower Upper
 63 100
 106 27.9 21.5 32.3





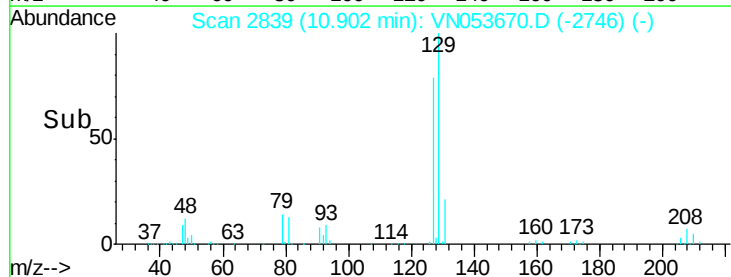
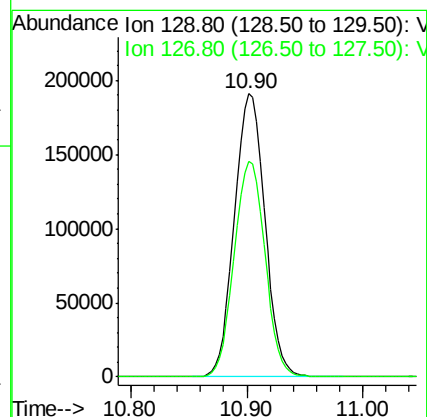
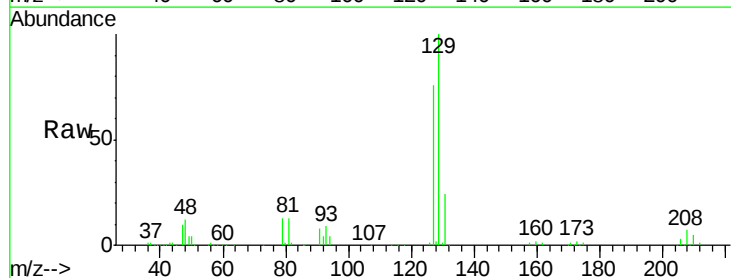
#59
2-Hexanone
Concen: 242.764 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

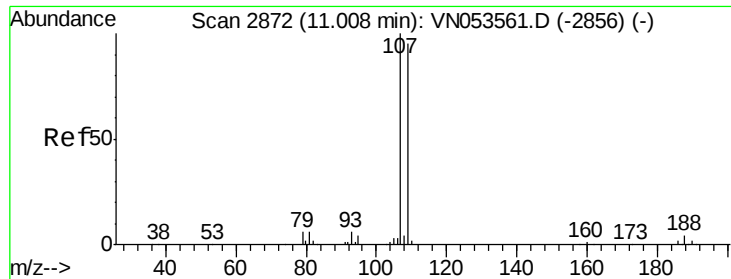
Tot Ion: 43 Resp: 807055
Ion Ratio Lower Upper
43 100
58 57.6 28.6 85.8



#60
Dibromochloromethane
Concen: 50.647 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

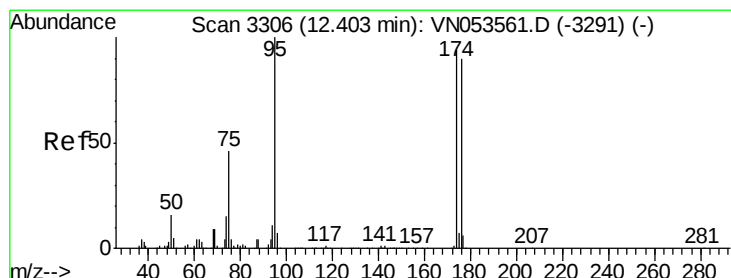
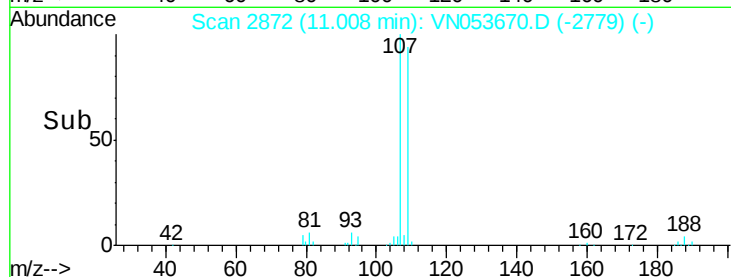
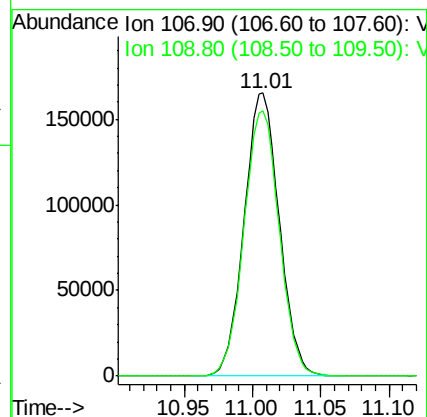
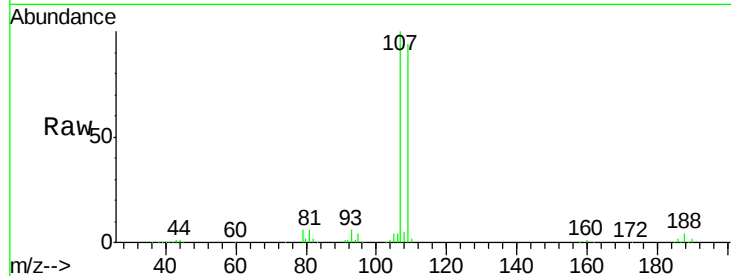
Tgt Ion:129 Resp: 348002
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





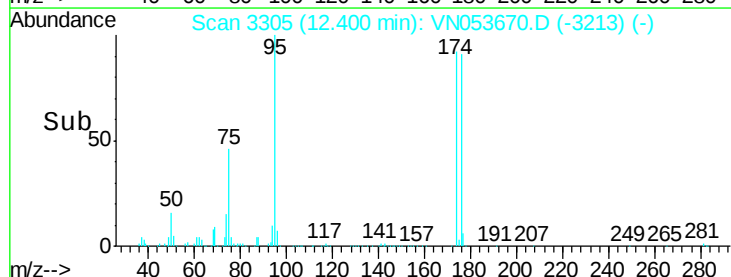
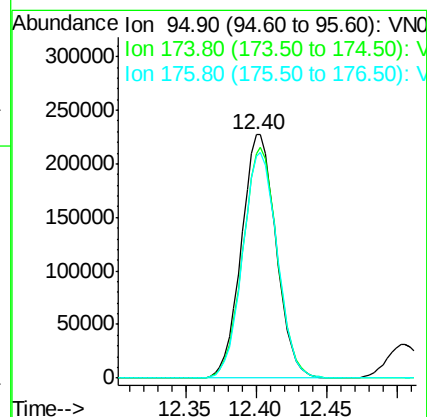
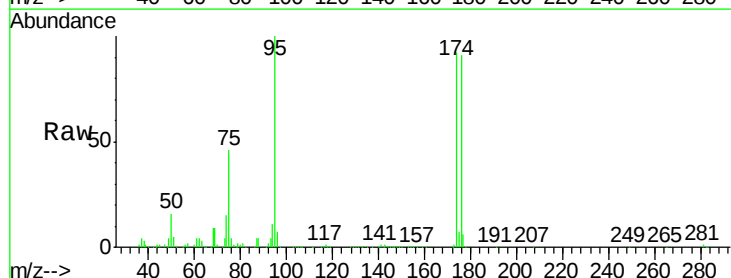
#61
 1,2-Dibromoethane
 Concen: 49.018 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

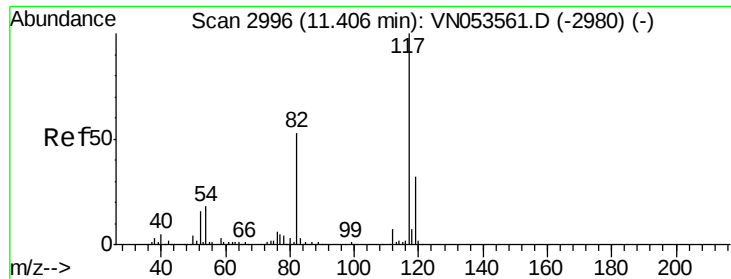
Tot Ion: 107 Resp: 295619
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 48.336 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

Tgt Ion: 95 Resp: 392014
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 183.2
 176 92.5 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

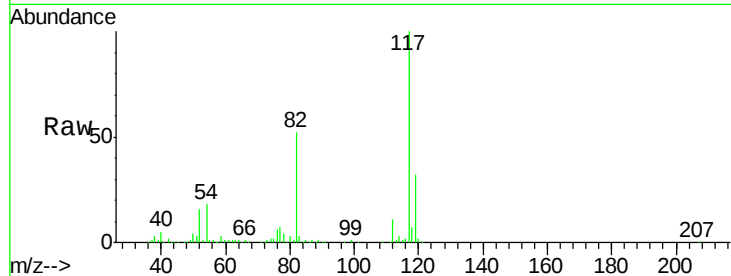
Tot Ion:117 Resp: 901824

Ion Ratio Lower Upper

117 100

82 52.0 42.9 64.3

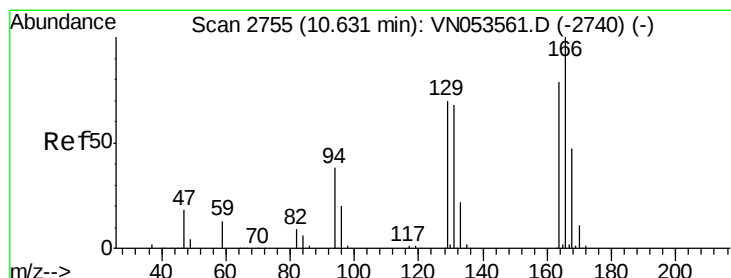
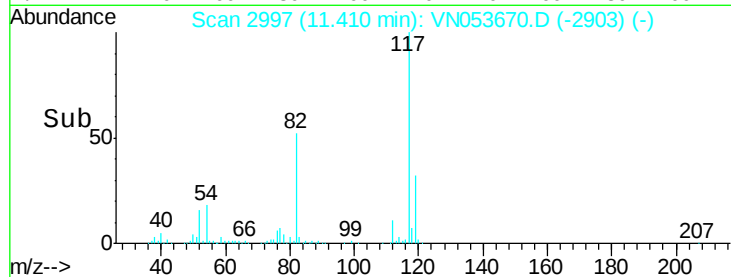
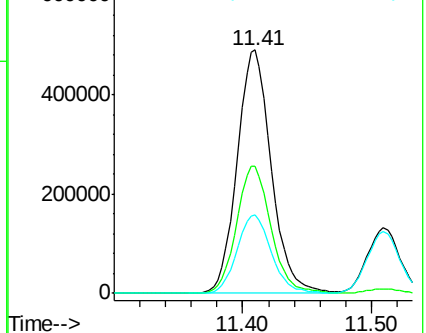
119 32.0 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.931 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

Tgt Ion:164 Resp: 355076

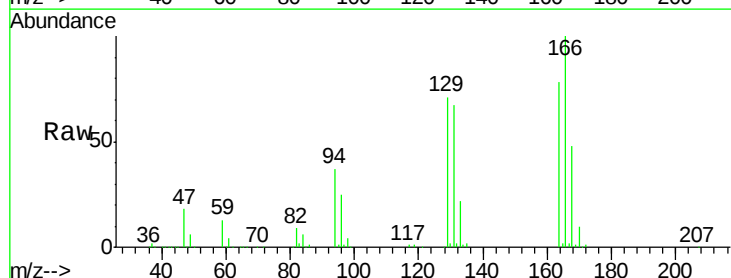
Ion Ratio Lower Upper

164 100

166 127.6 102.2 153.4

129 90.8 72.6 109.0

131 85.6 69.5 104.3

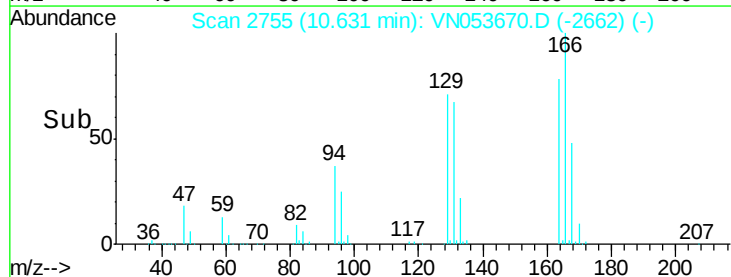
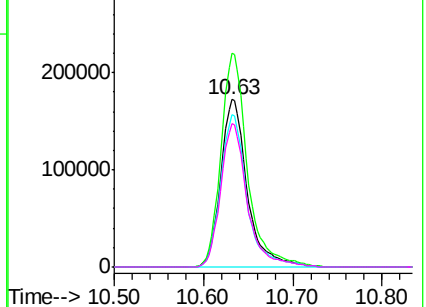


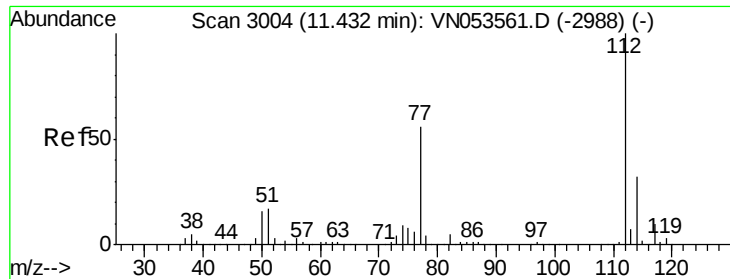
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

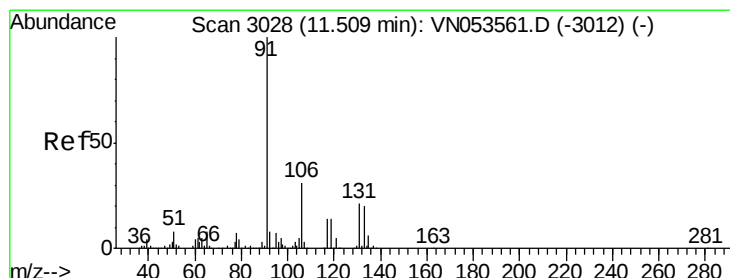
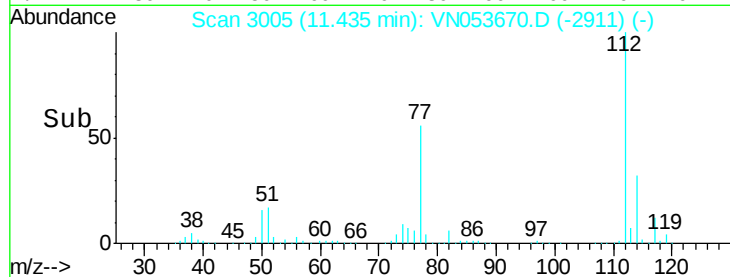
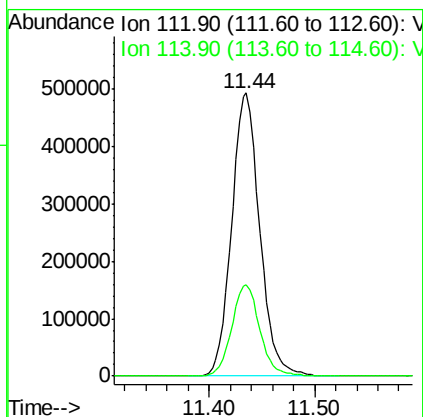
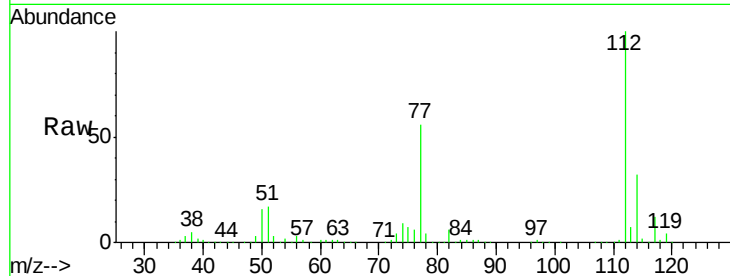
Ion 130.80 (130.50 to 131.50): V





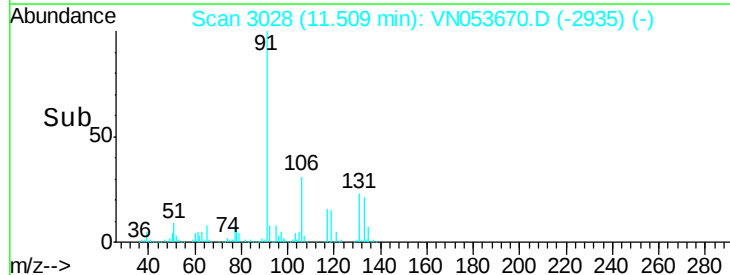
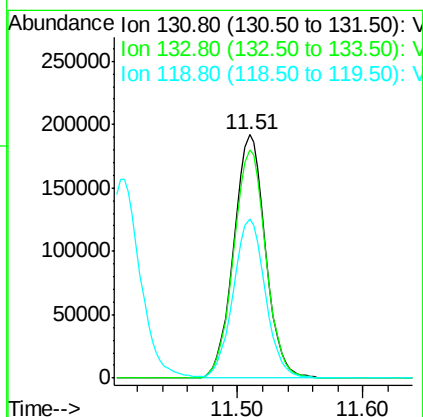
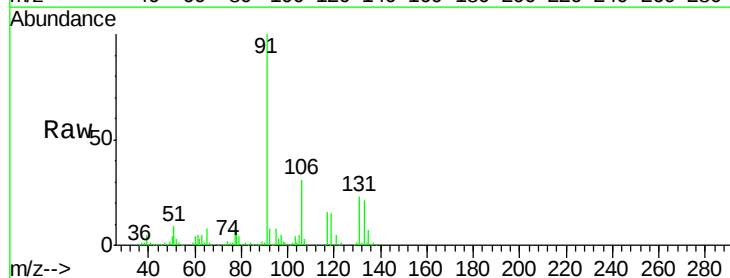
#65
Chlorobenzene
Concen: 47.437 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

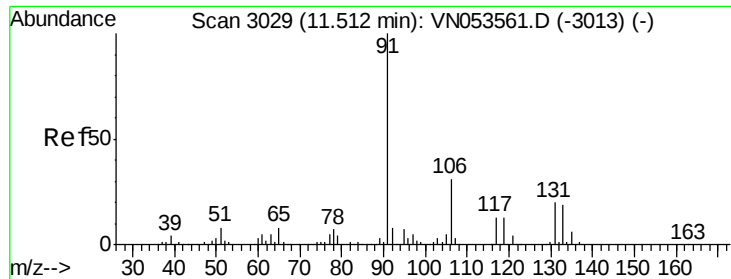
Tot Ion:112 Resp: 908694
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.401 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

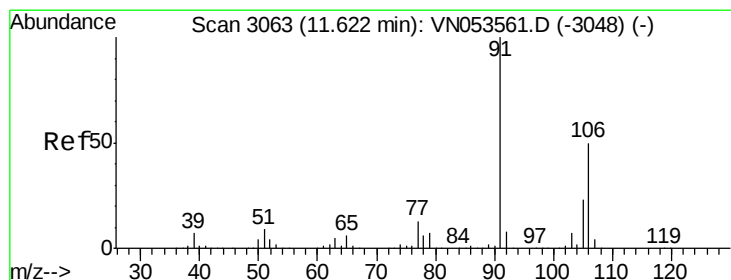
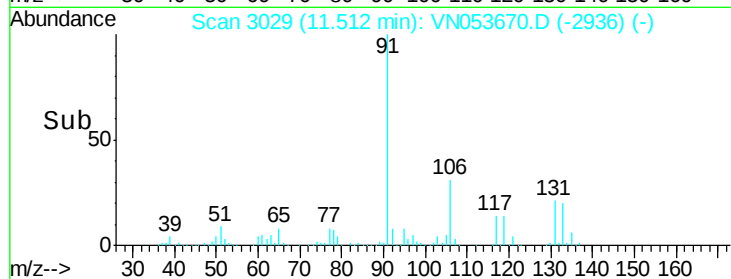
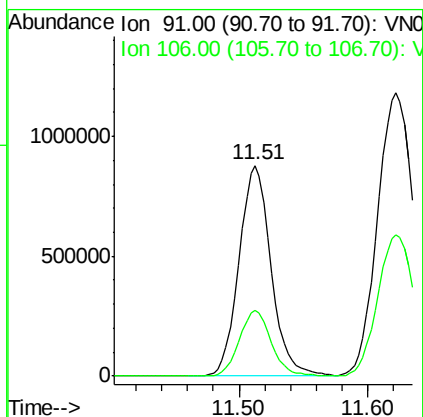
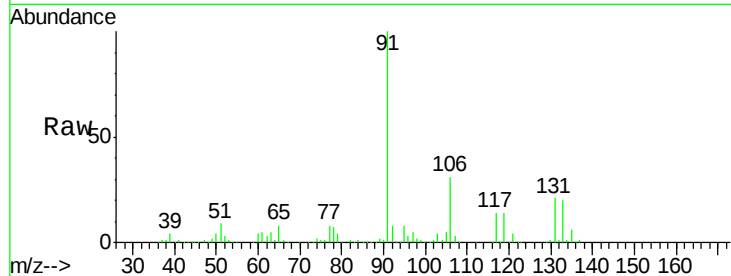
Tgt Ion:131 Resp: 337182
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 66.1 33.5 100.5





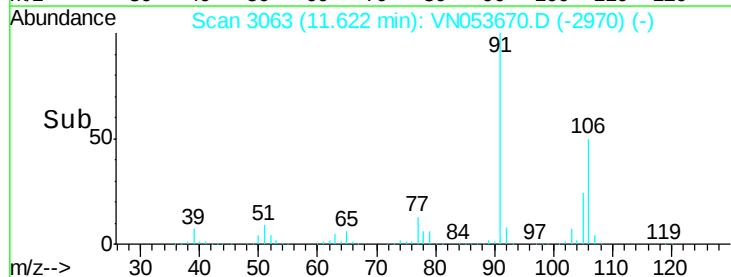
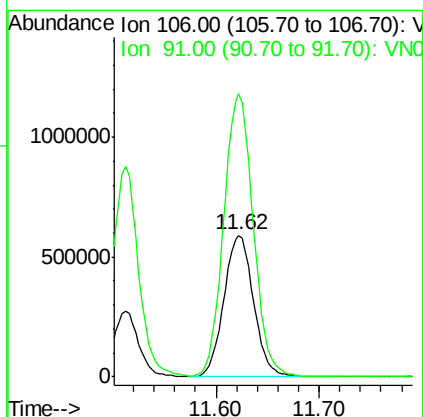
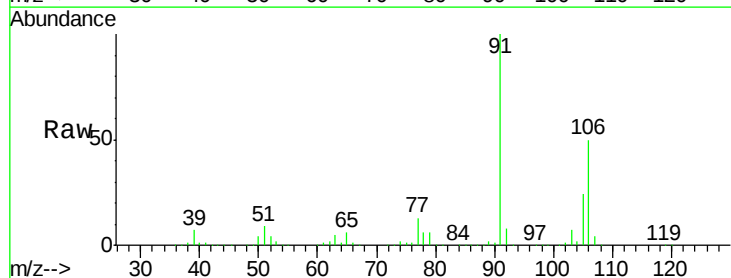
#67
Ethyl Benzene
Concen: 48.276 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

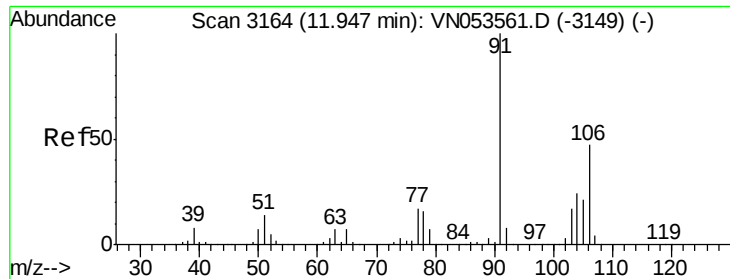
Tot Ion: 91 Resp: 1519095
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 98.236 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

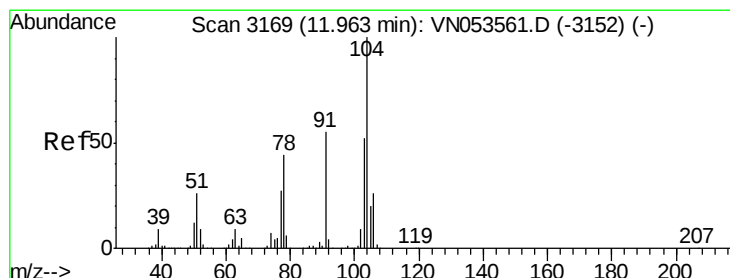
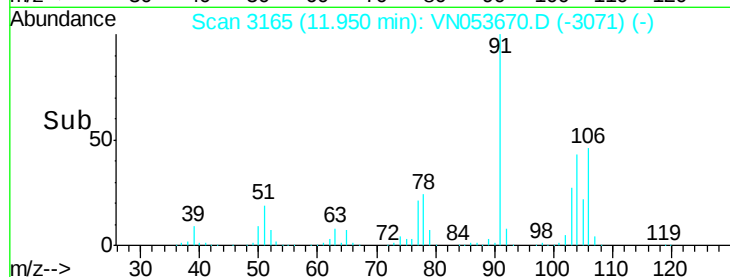
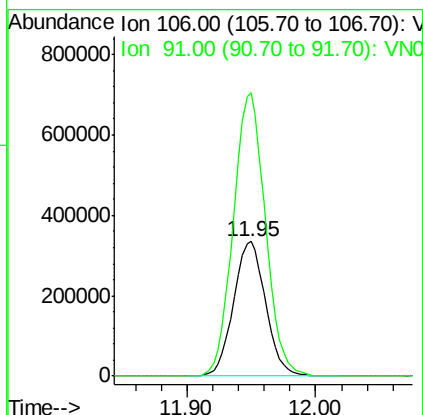
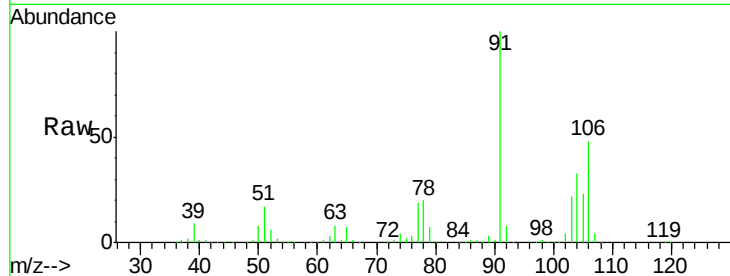
Tgt Ion: 106 Resp: 1179795
Ion Ratio Lower Upper
106 100
91 199.2 161.4 242.2





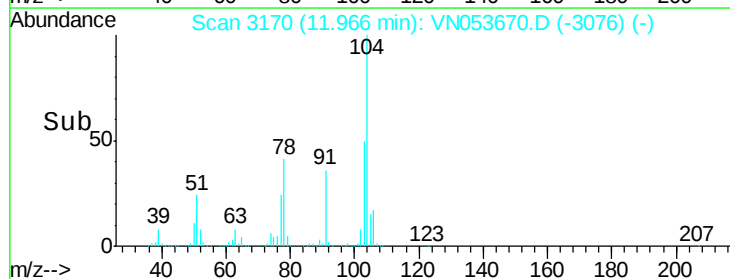
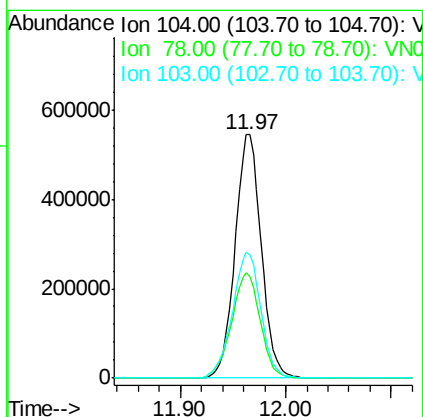
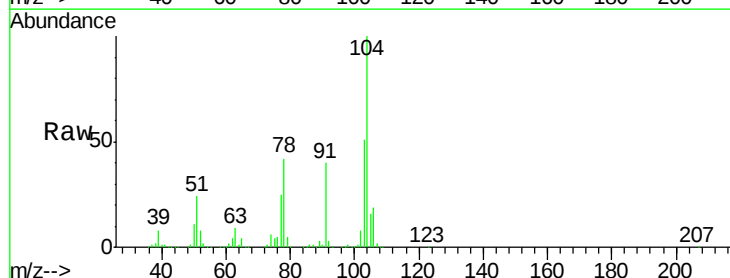
#69
o-Xylene
Concen: 49.705 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

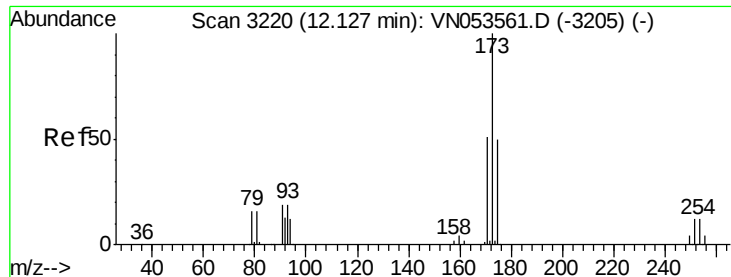
Tot Ion:106 Resp: 576703
Ion Ratio Lower Upper
106 100
91 211.0 106.9 320.8



#70
Styrene
Concen: 49.902 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion:104 Resp: 938451
Ion Ratio Lower Upper
104 100
78 47.2 38.2 57.2
103 55.9 44.4 66.6





#71

Bromoform

Concen: 52.858 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

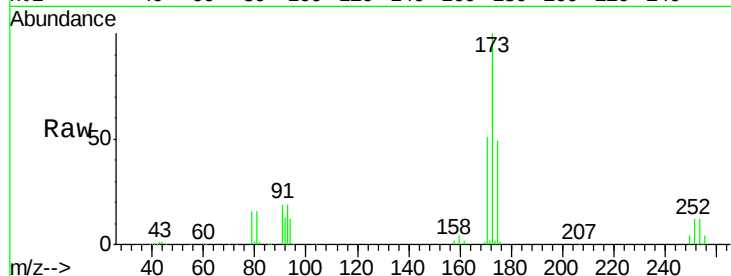
Tot Ion:173 Resp: 242432

Ion Ratio Lower Upper

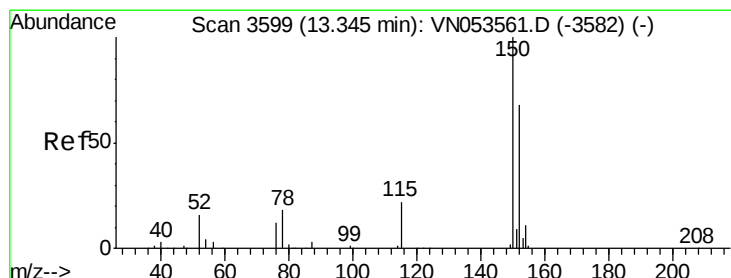
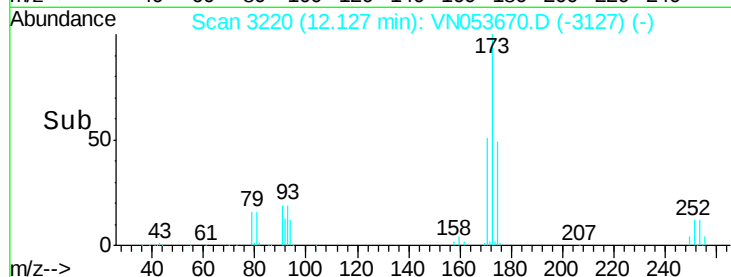
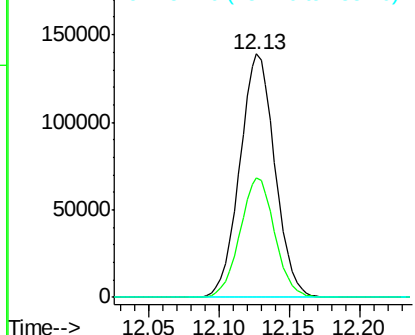
173 100

175 48.4 24.6 74.0

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

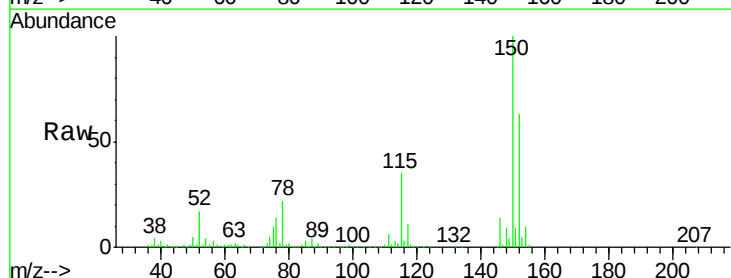
Tgt Ion:152 Resp: 434435

Ion Ratio Lower Upper

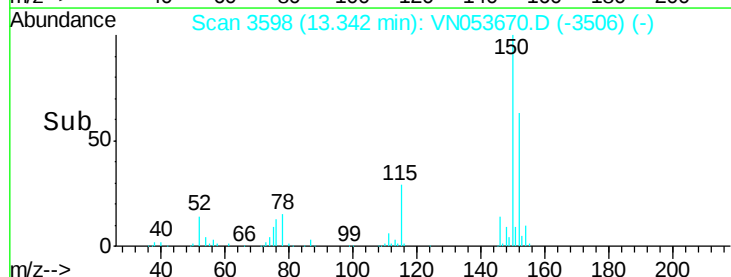
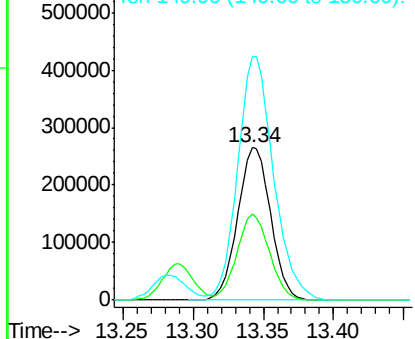
152 100

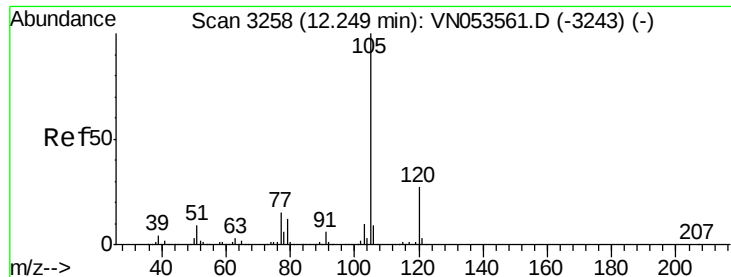
115 55.8 27.8 83.4

150 173.2 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.842 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053670.D

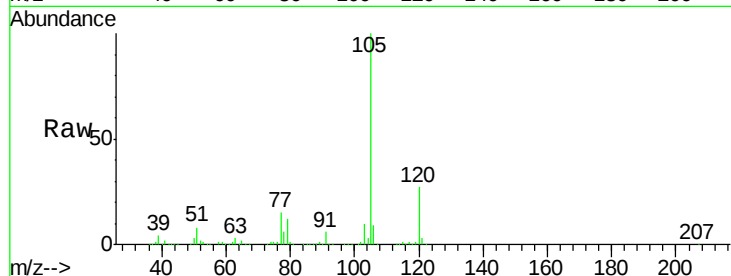
Acq: 7 Feb 2019 21:41

Tot Ion:105 Resp: 1491653

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

600000

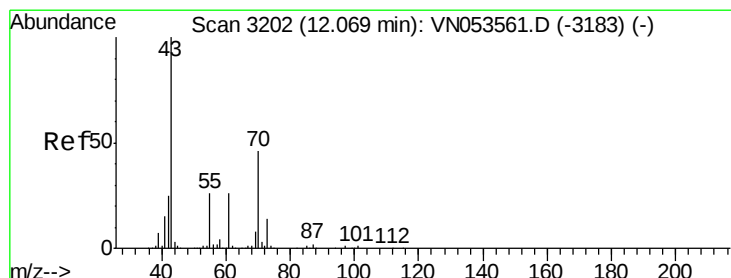
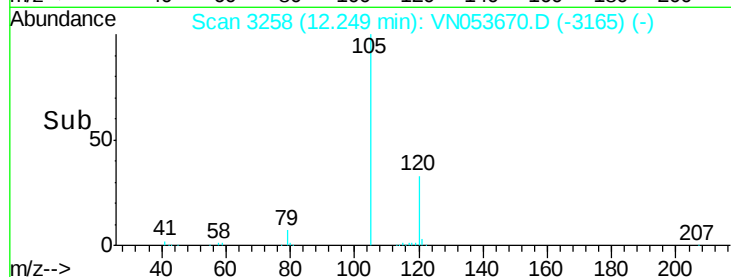
400000

200000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 52.244 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

Tgt Ion: 43 Resp: 383678

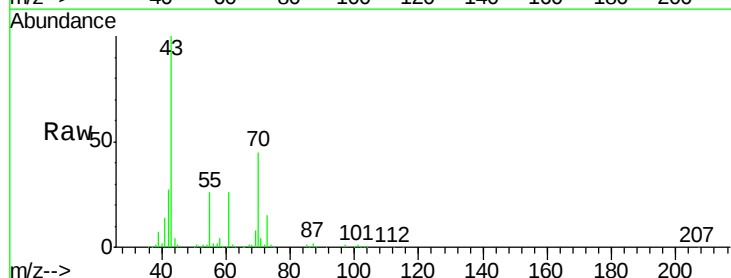
Ion Ratio Lower Upper

43 100

70 45.3 35.4 53.2

55 26.3 20.9 31.3

61 26.0 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

300000

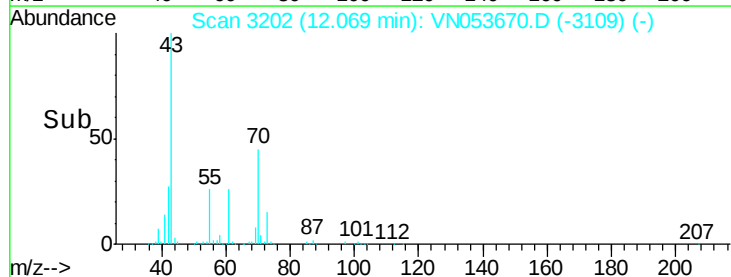
200000

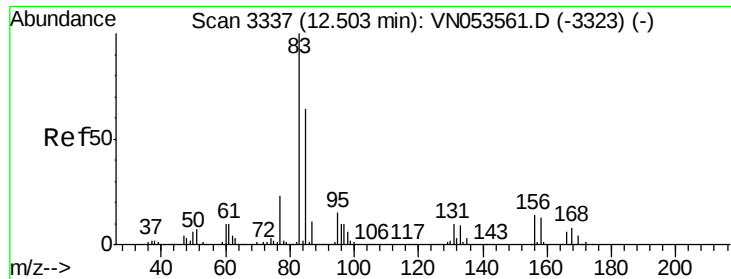
100000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 49.111 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

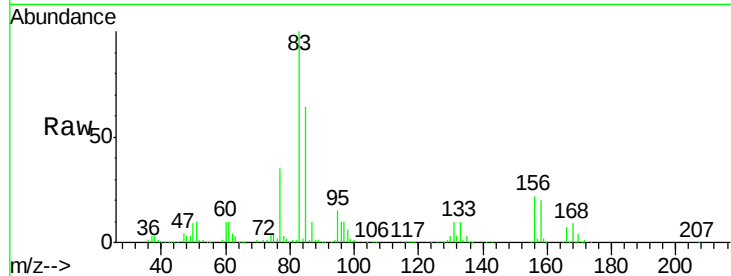
Tot Ion: 83 Resp: 358957

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	64.2	32.1	96.3

83 100

131 10.3 5.3 15.8

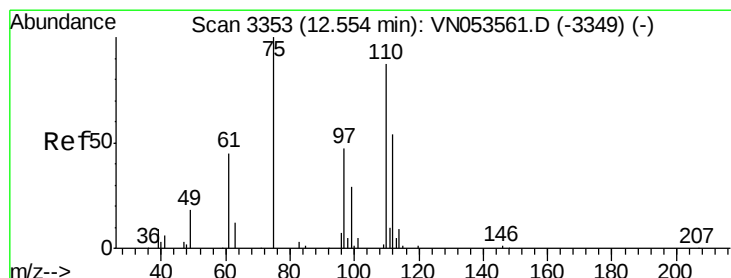
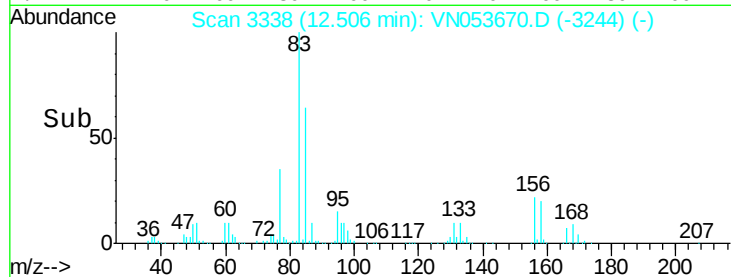
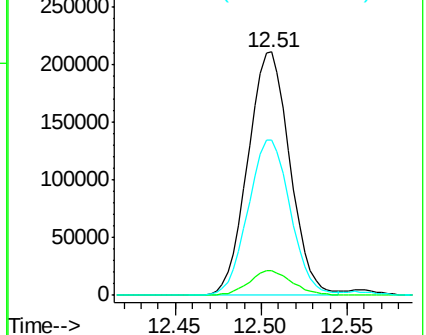
85 64.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 53.232 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053670.D

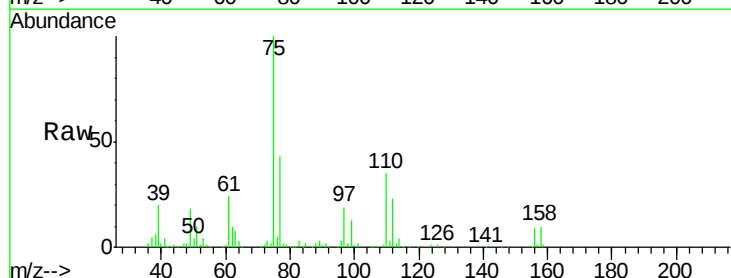
Acq: 7 Feb 2019 21:41

Tgt Ion: 75 Resp: 297036

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

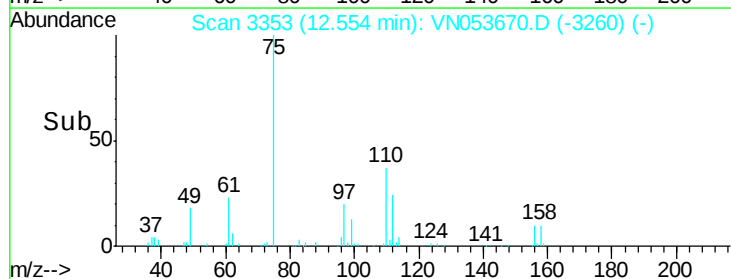
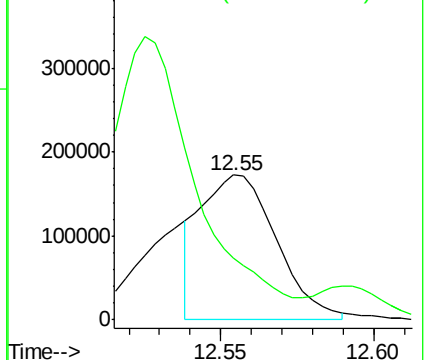
75 100

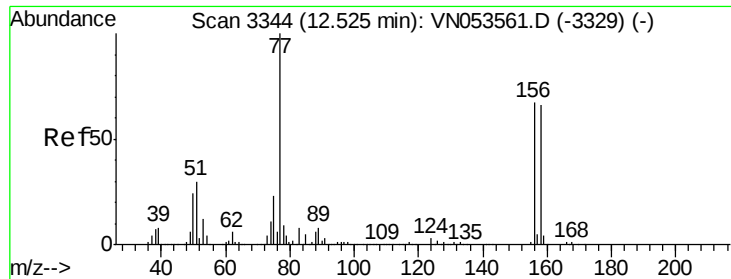
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.076 ug/l

RT: 12.53 min Scan# 3344

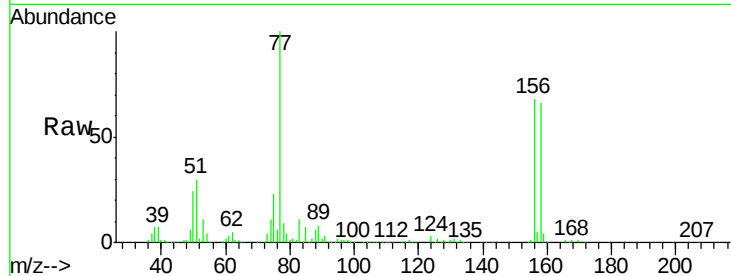
Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

Tot Ion:156 Resp: 395707

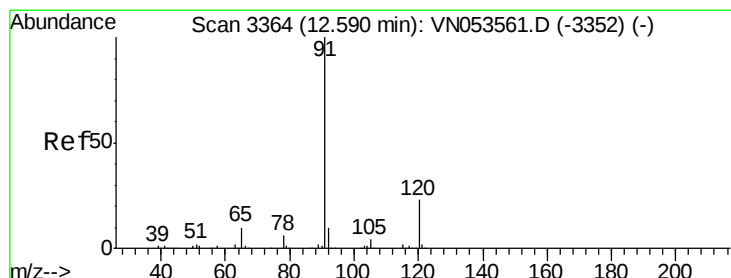
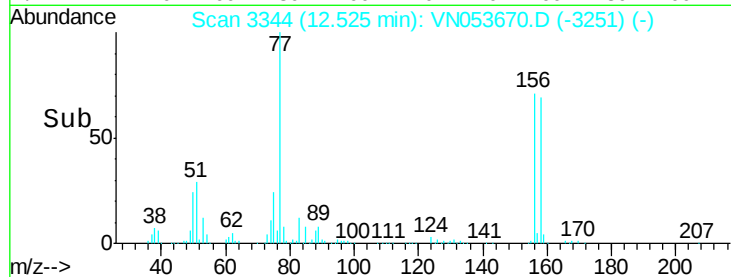
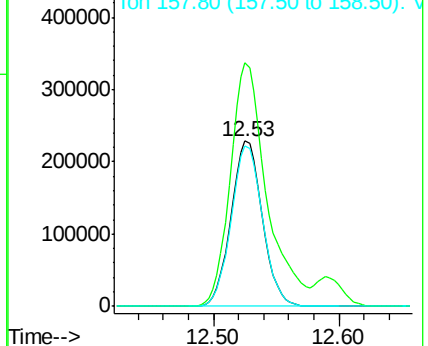
Ion	Ratio	Lower	Upper
156	100		
77	172.1	87.9	263.8
158	97.9	48.8	146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.807 ug/l

RT: 12.59 min Scan# 3365

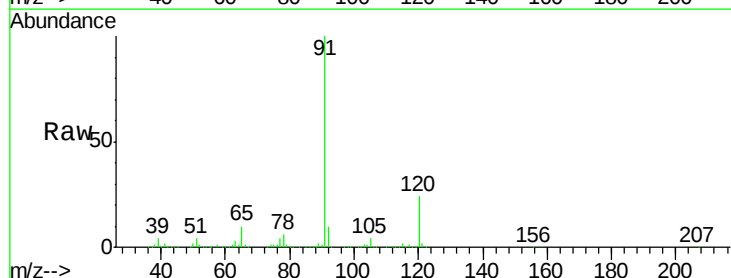
Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

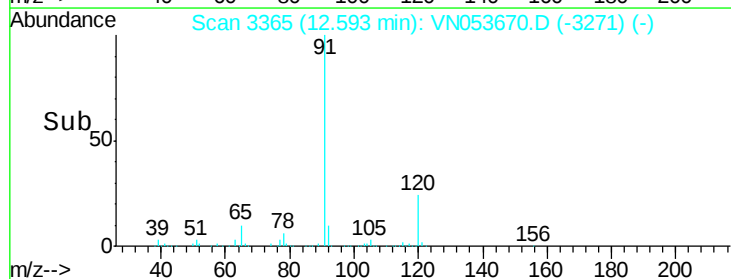
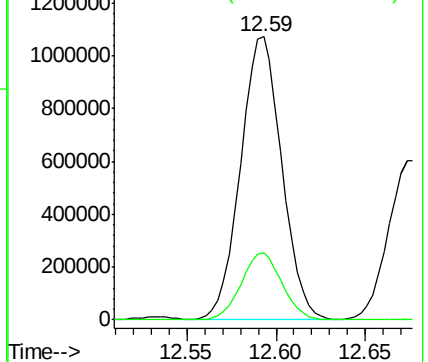
Tgt Ion: 91 Resp: 1723135

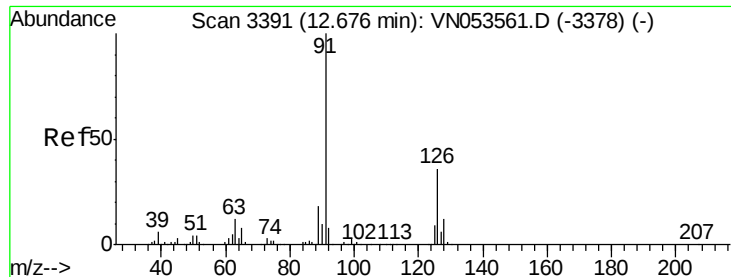
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.701 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053670.D

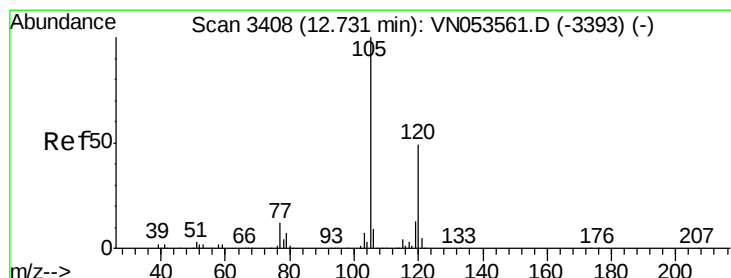
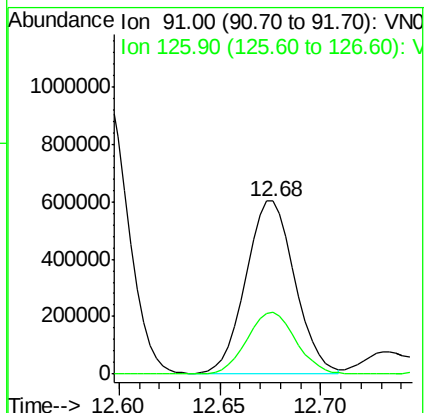
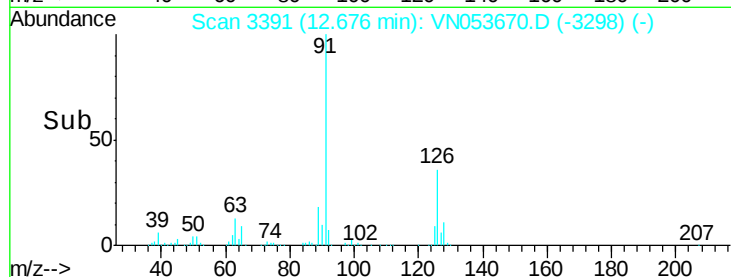
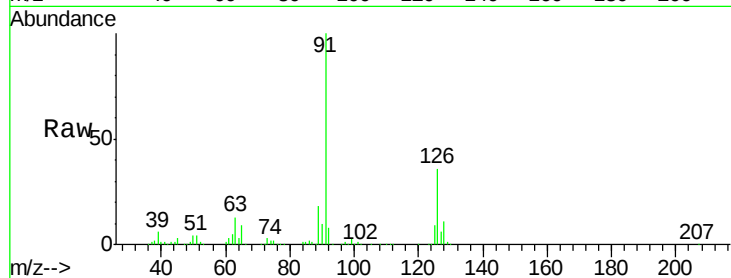
Acq: 7 Feb 2019 21:41

Tot Ion: 91 Resp: 1020080

Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 50.990 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053670.D

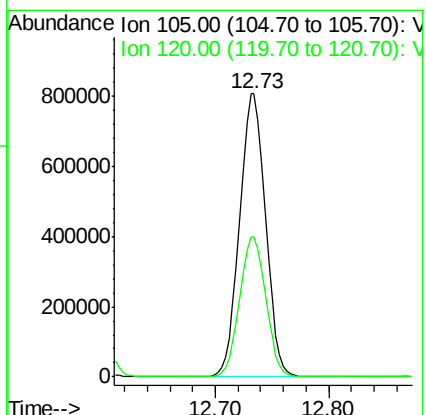
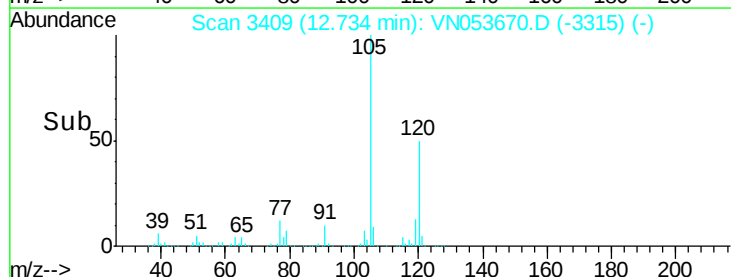
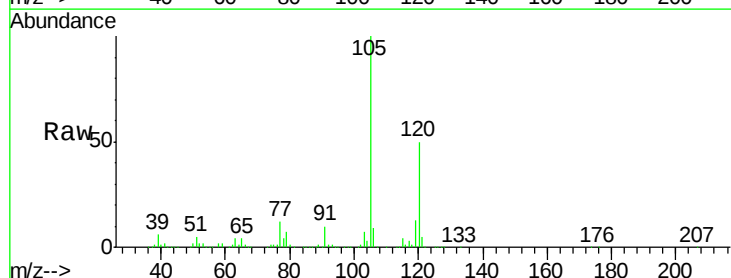
Acq: 7 Feb 2019 21:41

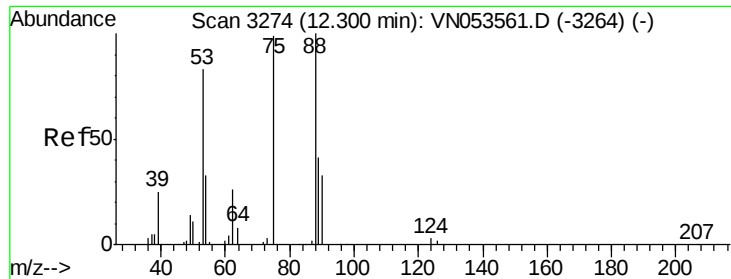
Tgt Ion: 105 Resp: 1291335

Ion Ratio Lower Upper

105 100

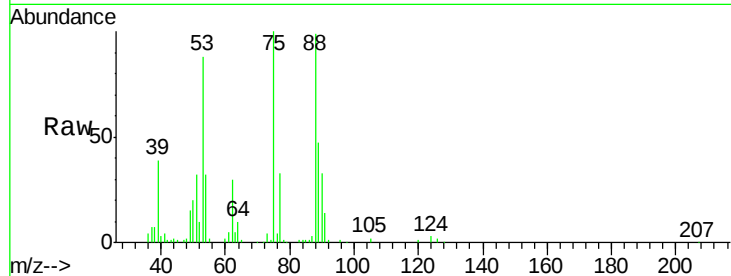
120 50.0 24.9 74.6



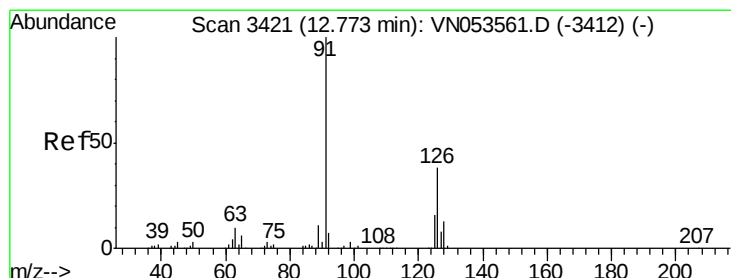
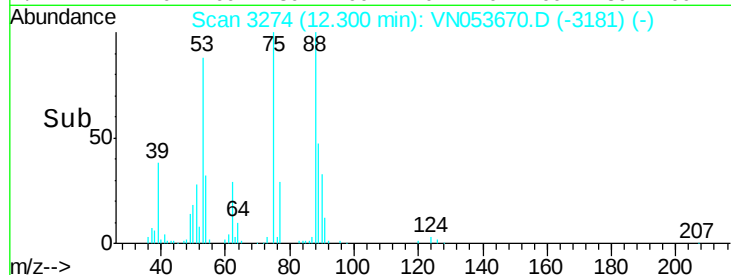
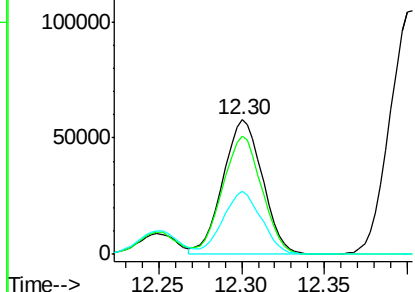


#81
trans-1,4-Dichloro-2-butene
Concen: 48.650 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tot Ion: 75 Resp: 96543
Ion Ratio Lower Upper
75 100
53 86.9 69.8 104.6
89 45.4 35.6 53.4

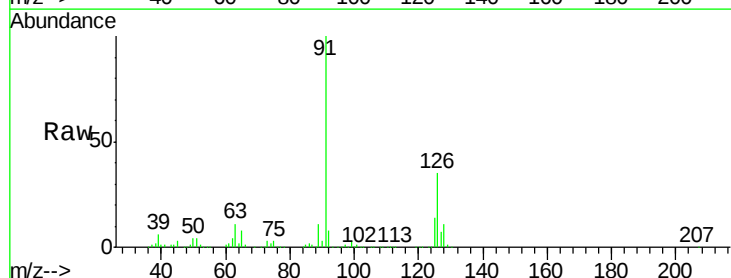


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

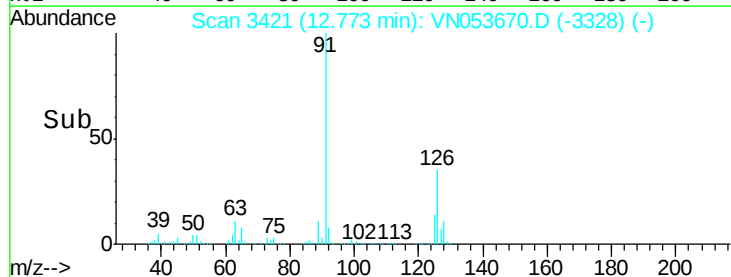
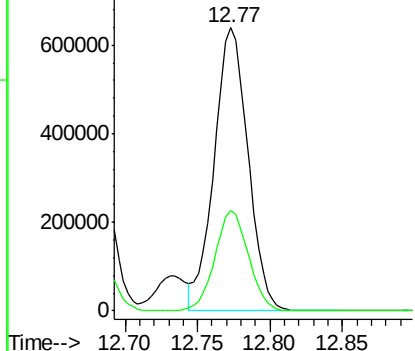


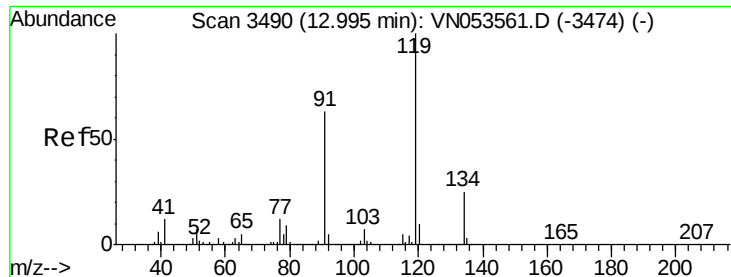
#82
4-Chlorotoluene
Concen: 48.257 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion: 91 Resp: 1037189
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.9



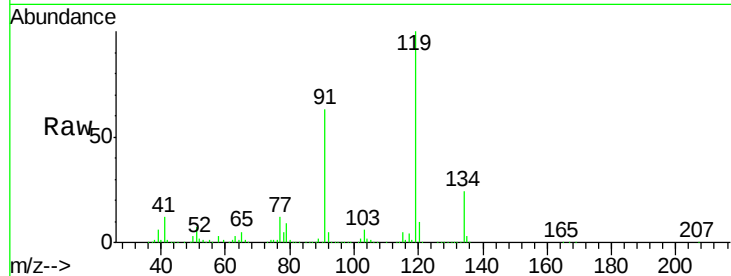
Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V



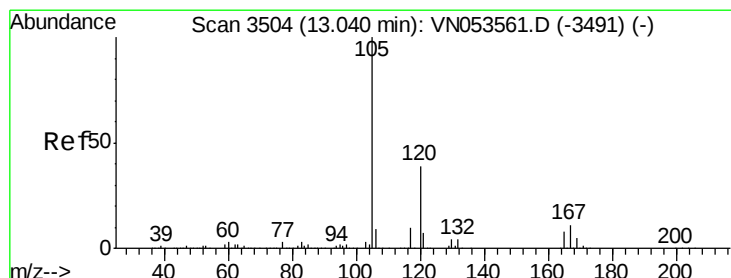
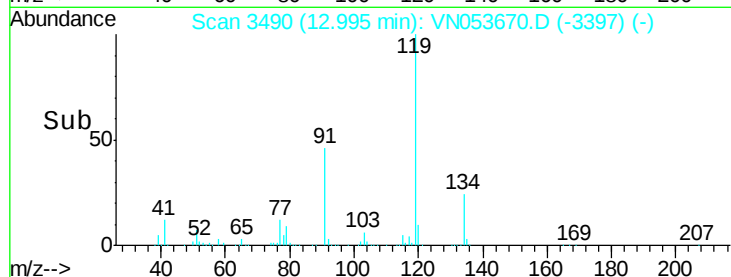
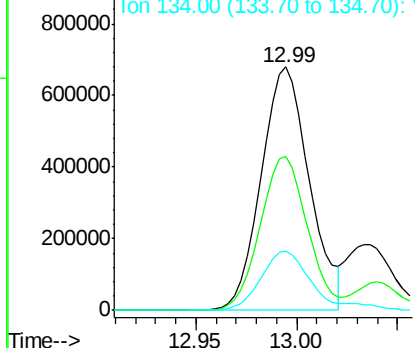


#83
tert-Butylbenzene
Concen: 50.516 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tot Ion:119 Resp: 1130696
Ion Ratio Lower Upper
119 100
91 62.2 31.3 93.8
134 26.1 12.9 38.7

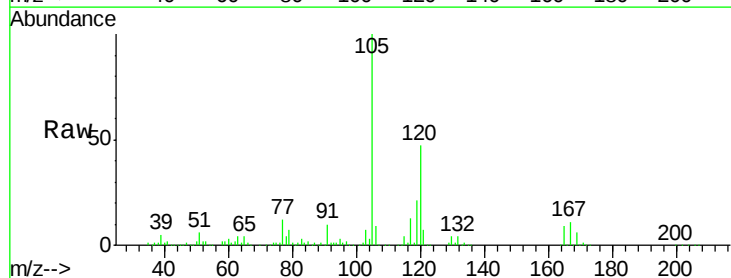


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

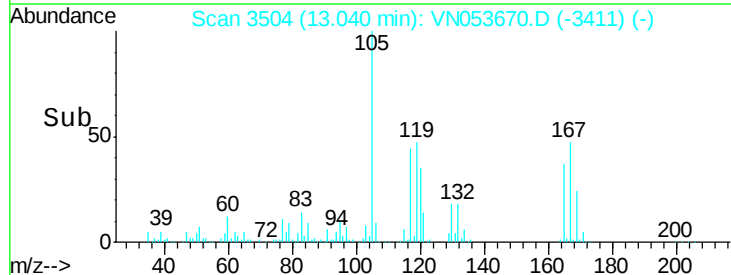
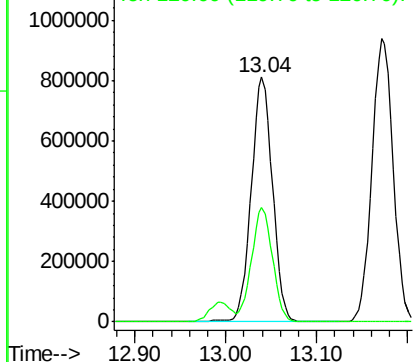


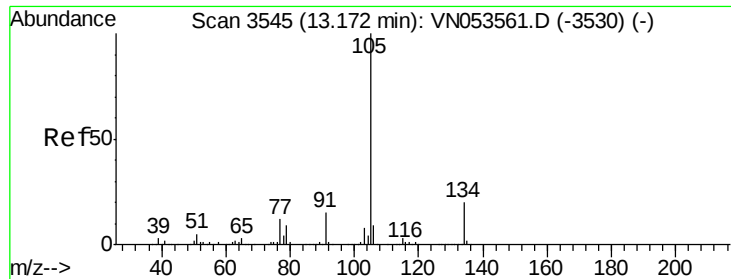
#84
1,2,4-Trimethylbenzene
Concen: 50.938 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion:105 Resp: 1314297
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0



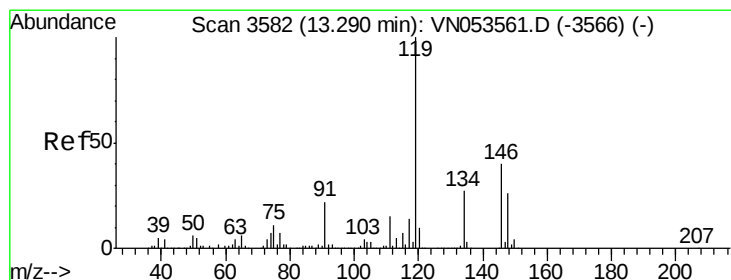
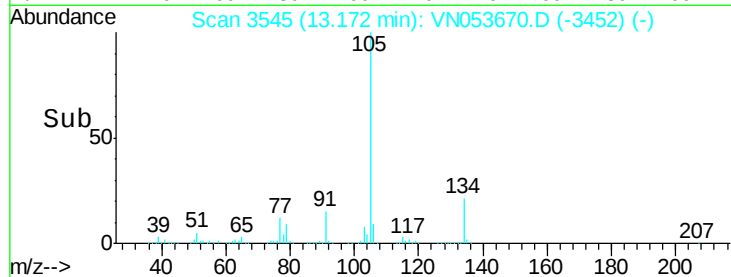
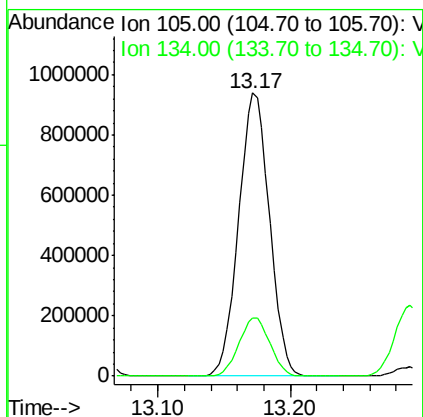
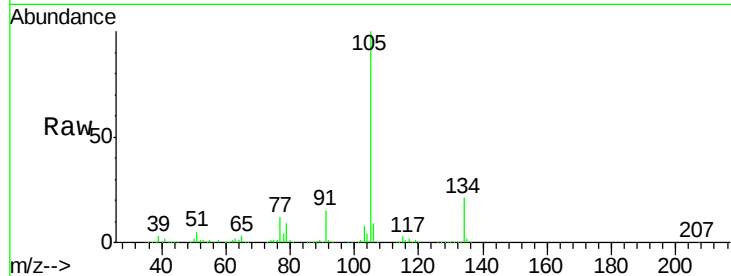
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





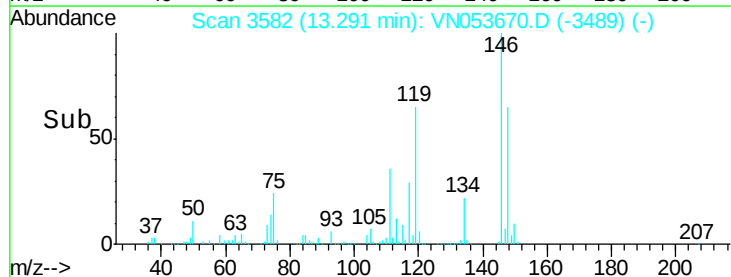
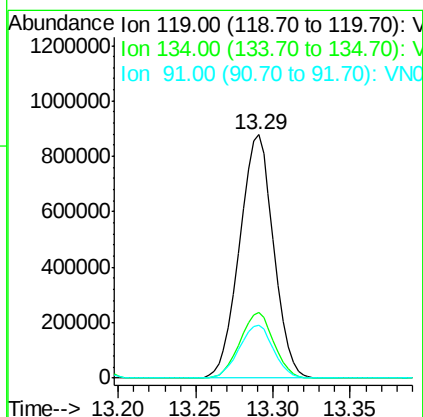
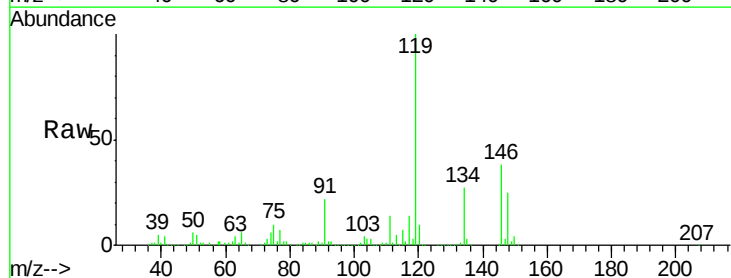
#85
 sec-Butylbenzene
 Concen: 49.853 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

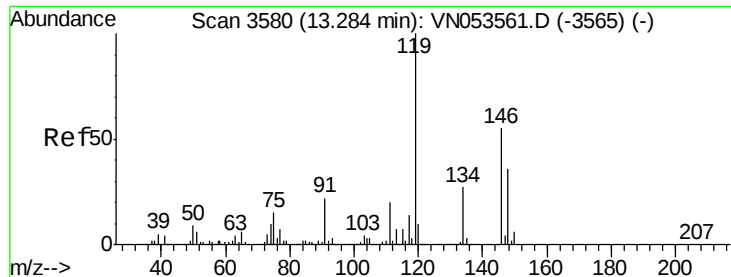
Tot Ion:105 Resp: 1518463
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 50.258 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

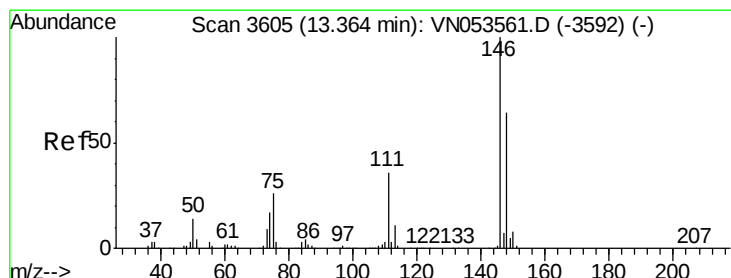
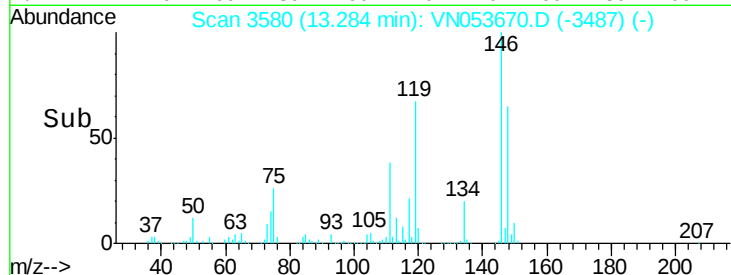
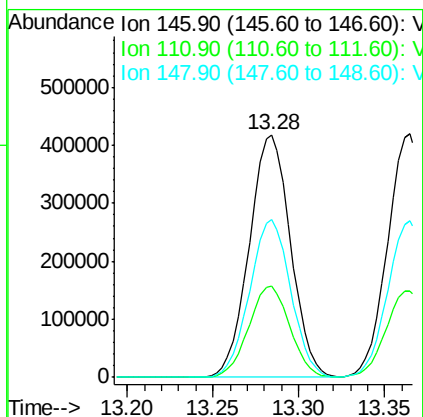
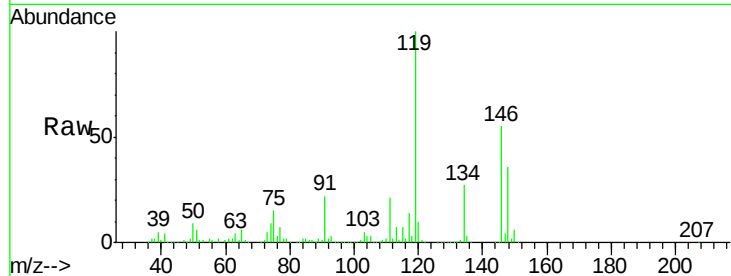
Tgt Ion:119 Resp: 1338824
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.9 11.0 33.0





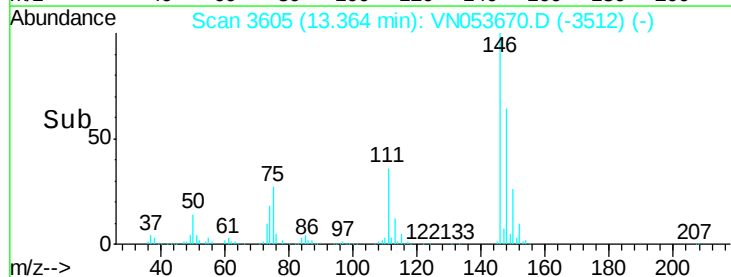
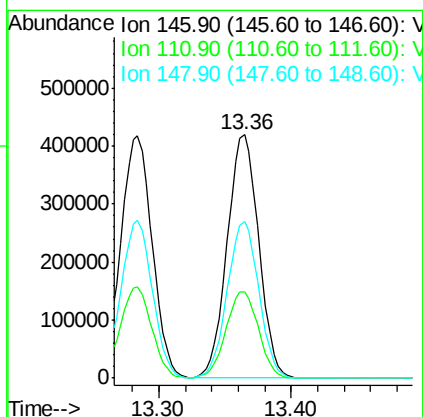
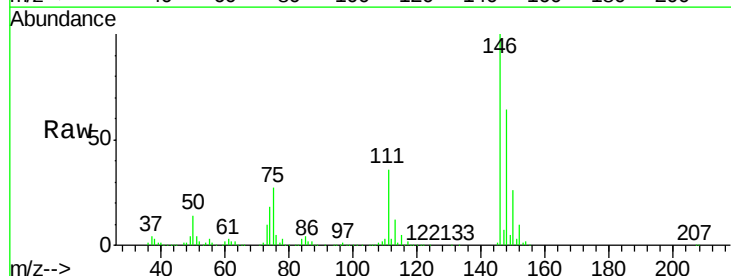
#87
 1,3-Dichlorobenzene
 Concen: 46.962 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

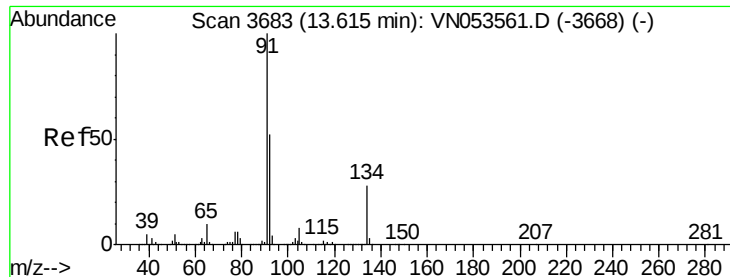
Tot Ion:146 Resp: 694863
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.3
 148 64.9 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.305 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

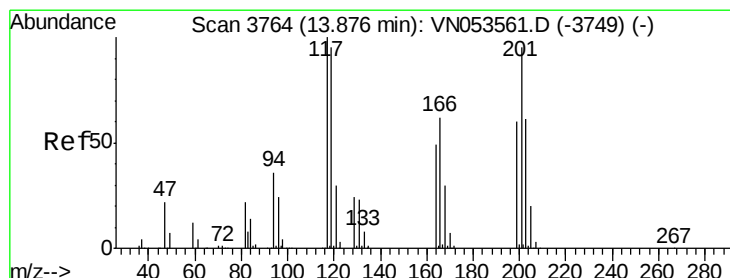
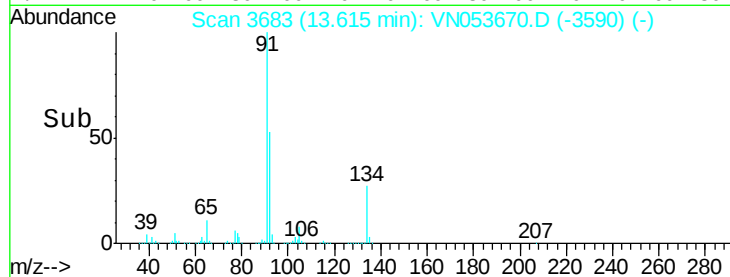
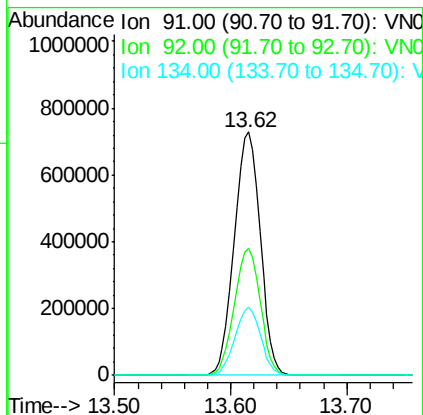
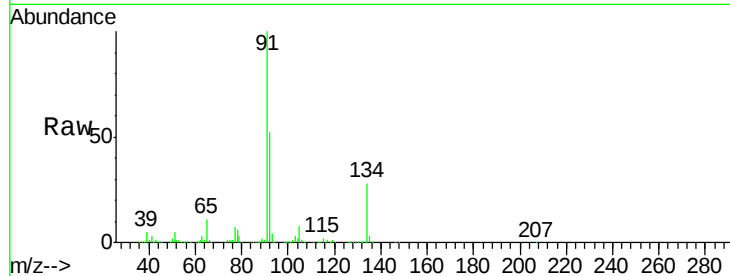
Tgt Ion:146 Resp: 692366
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.6 55.8
 148 64.3 32.4 97.0





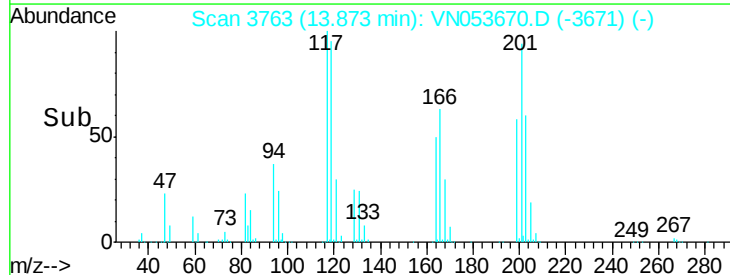
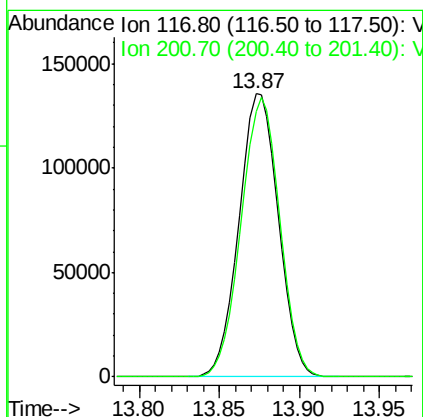
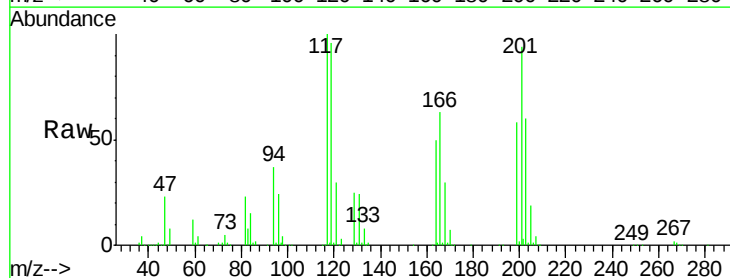
#89
n-Butylbenzene
Concen: 48.787 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

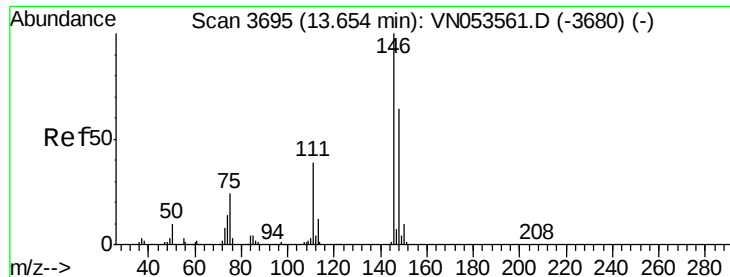
Tot Ion: 91 Resp: 1124908
Ion Ratio Lower Upper
91 100
92 52.2 26.3 78.8
134 27.6 13.5 40.5



#90
Hexachloroethane
Concen: 51.776 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion: 117 Resp: 227505
Ion Ratio Lower Upper
117 100
201 97.0 46.8 140.4





#91

1,2-Dichlorobenzene

Concen: 48.551 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

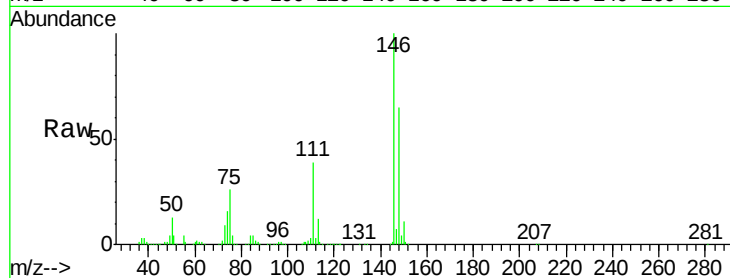
Tot Ion:146 Resp: 687729

Ion Ratio Lower Upper

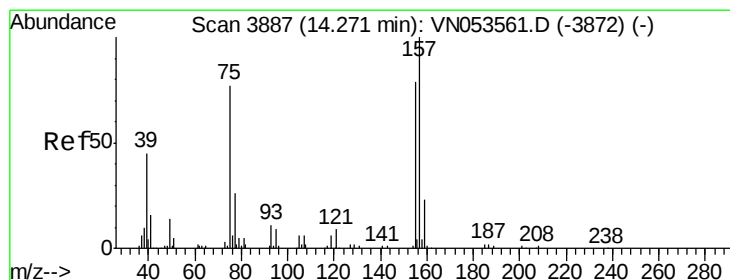
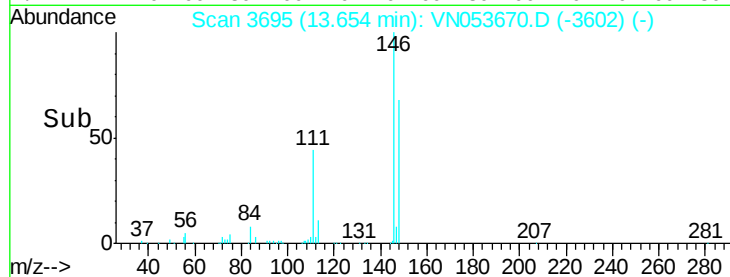
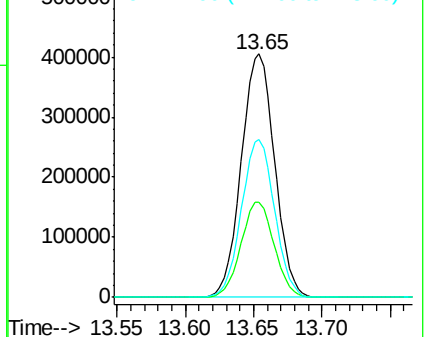
146 100

111 38.9 19.5 58.5

148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.572 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053670.D

Acq: 7 Feb 2019 21:41

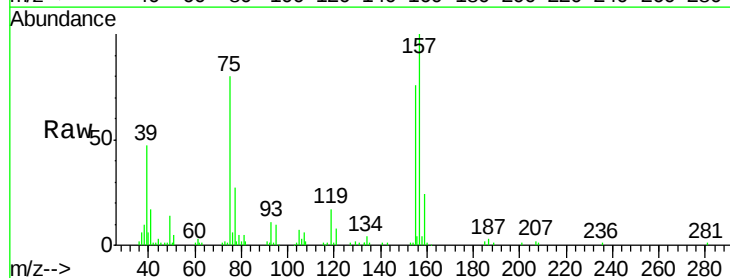
Tgt Ion: 75 Resp: 52679

Ion Ratio Lower Upper

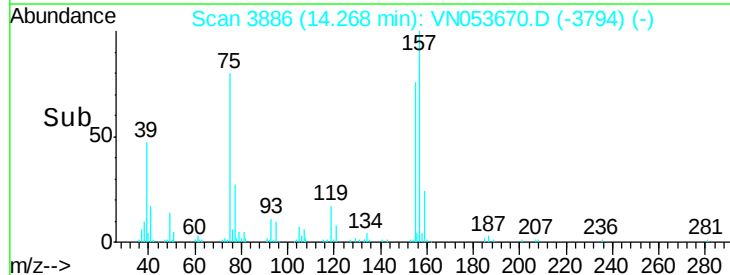
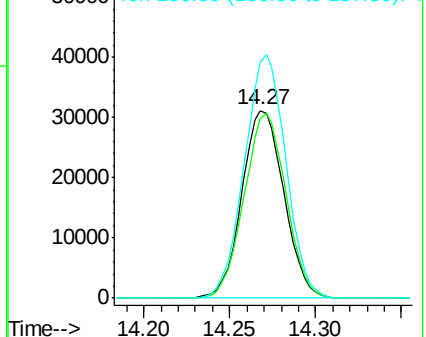
75 100

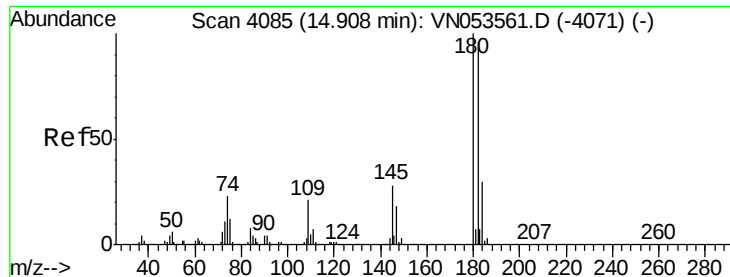
155 98.0 48.9 146.7

157 128.4 63.7 191.3



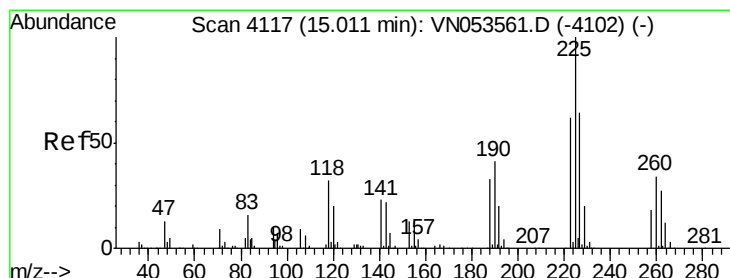
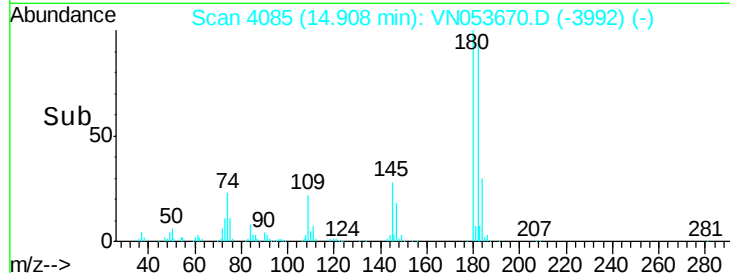
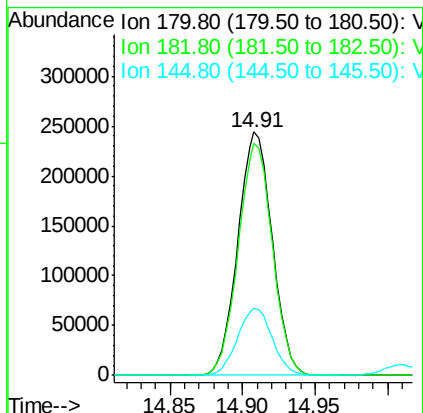
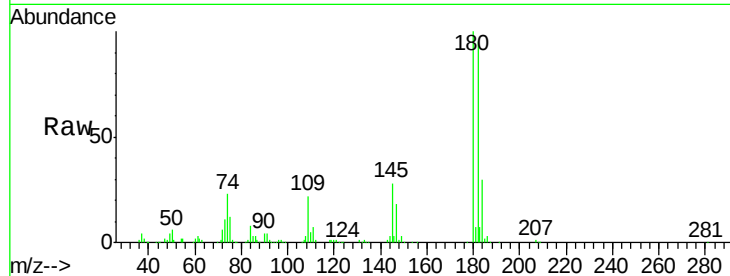
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





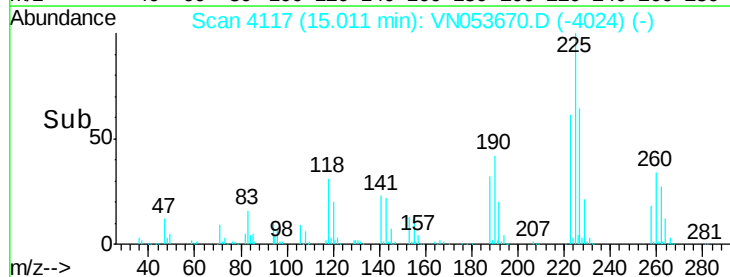
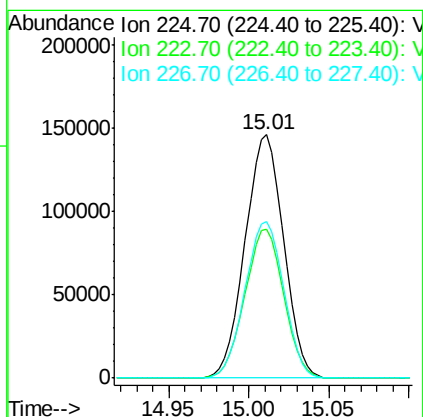
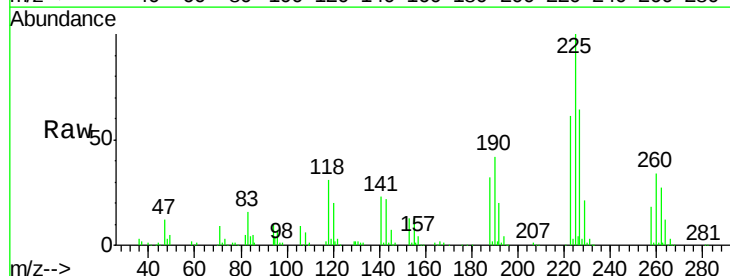
#93
 1,2,4-Trichlorobenzene
 Concen: 49.487 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

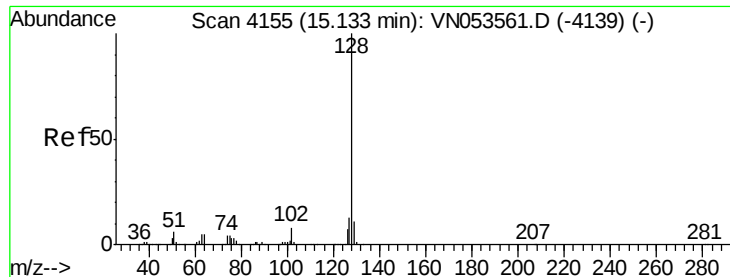
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.1	144.3
145	27.8	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 47.780 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053670.D
 Acq: 7 Feb 2019 21:41

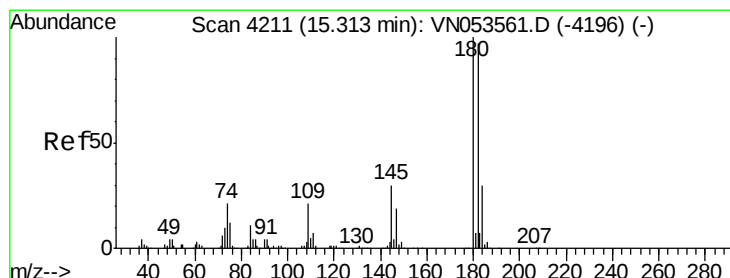
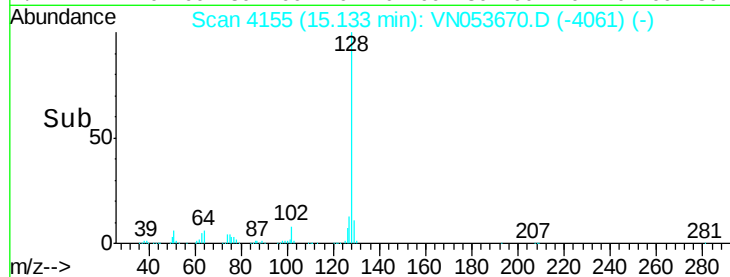
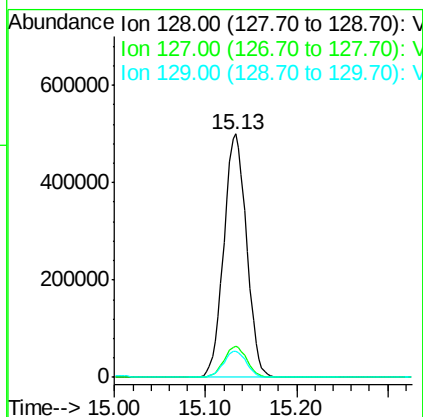
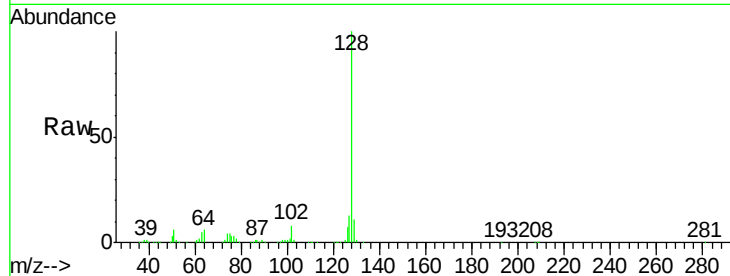
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.1	93.2
227	64.8	32.0	96.2





#95
Naphthalene
Concen: 45.650 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tot Ion:128 Resp: 868201
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.833 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053670.D
Acq: 7 Feb 2019 21:41

Tgt Ion:180 Resp: 375644
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.8
145 29.6 14.7 44.1

