

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053648.D
 Acq On : 7 Feb 2019 11:52
 Operator : JC/SP
 Sample : VN0207WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Quant Time: Feb 09 00:27:05 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	706651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1039279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	902262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	433557	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	346201	48.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.68%	
35) Dibromofluoromethane	7.59	113	333075	50.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.44%	
50) Toluene-d8	10.09	98	1234434	50.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	412123	50.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	149694	19.001	ug/l	99
3) Chloromethane	2.06	50	153560	18.304	ug/l	98
4) Vinyl Chloride	2.19	62	151761	18.635	ug/l	98
5) Bromomethane	2.57	94	103091	19.360	ug/l	97
6) Chloroethane	2.71	64	87570	18.817	ug/l	98
7) Trichlorofluoromethane	3.02	101	215836	19.544	ug/l	98
8) Diethyl Ether	3.41	74	74881	18.566	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	135050	19.773	ug/l	99
10) Methyl Iodide	3.95	142	190946	17.812	ug/l	99
11) Tert butyl alcohol	4.78	59	38506	91.780	ug/l	100
12) 1,1-Dichloroethene	3.74	96	123159	18.821	ug/l	97
13) Acrolein	3.61	56	18719	81.948	ug/l	98
14) Allyl chloride	4.33	41	193321	18.555	ug/l	99
15) Acrylonitrile	4.99	53	215417	95.110	ug/l	98
16) Acetone	3.82	43	181216	99.659	ug/l	97
17) Carbon Disulfide	4.06	76	355534	17.449	ug/l	99
18) Methyl Acetate	4.33	43	104213	19.352	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	317736	19.154	ug/l	99
20) Methylene Chloride	4.55	84	141673	18.571	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	131527	18.630	ug/l	97
22) Diisopropyl ether	5.95	45	370105	19.171	ug/l	95
23) Vinyl Acetate	5.90	43	1246252	93.315	ug/l	99
24) 1,1-Dichloroethane	5.85	63	243456	18.907	ug/l	100
25) 2-Butanone	6.83	43	242025	93.324	ug/l	98
26) 2,2-Dichloropropane	6.82	77	183415	18.659	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	150488	19.170	ug/l	98
28) Bromochloromethane	7.19	49	108326	19.386	ug/l	95
29) Tetrahydrofuran	7.21	42	154466	92.756	ug/l	97
30) Chloroform	7.37	83	242513	18.999	ug/l	100
31) Cyclohexane	7.65	56	219487	18.200	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	203390	19.146	ug/l	99
36) 1,1-Dichloropropene	7.79	75	184142	19.656	ug/l	99
37) Ethyl Acetate	6.93	43	103488	19.779	ug/l	99
38) Carbon Tetrachloride	7.77	117	183782	19.473	ug/l	99

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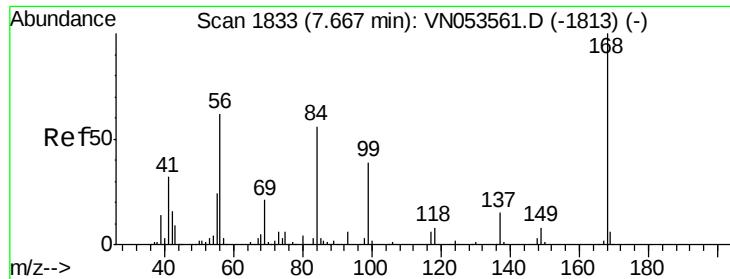
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39) Methylcyclohexane	9.08	83	209550	18.853	ug/l	99
40) Benzene	8.04	78	559867	19.379	ug/l	99
41) Methacrylonitrile	7.18	41	59026	20.184	ug/l	93
42) 1,2-Dichloroethane	8.12	62	161612	18.840	ug/l	99
43) Isopropyl Acetate	8.16	43	184452	18.254	ug/l	100
44) Trichloroethene	8.83	130	157432	19.141	ug/l	100
45) 1,2-Dichloropropane	9.12	63	145547	19.697	ug/l	99
46) Dibromomethane	9.21	93	87133	19.561	ug/l	98
47) Bromodichloromethane	9.40	83	183228	19.784	ug/l	100
48) Methyl methacrylate	9.20	41	86182	17.867	ug/l	92
49) 1,4-Dioxane	9.20	88	25613	391.239	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	483465	97.365	ug/l	100
52) Toluene	10.16	92	341209	19.900	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	175747	18.951	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	211966	19.288	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	122394	19.810	ug/l	99
56) Ethyl methacrylate	10.43	69	140393	19.208	ug/l	98
57) 1,3-Dichloropropane	10.71	76	204711	19.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	348871	82.507	ug/l	98
59) 2-Hexanone	10.75	43	306699	90.984	ug/l	99
60) Dibromochloromethane	10.90	129	138439	19.870	ug/l	100
61) 1,2-Dibromoethane	11.00	107	115963	18.963	ug/l	100
64) Tetrachloroethene	10.63	164	151192	19.548	ug/l	97
65) Chlorobenzene	11.44	112	374604	19.546	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	133235	19.906	ug/l	99
67) Ethyl Benzene	11.51	91	618014	19.631	ug/l	100
68) m/p-Xylenes	11.62	106	484942	40.359	ug/l	99
69) o-Xylene	11.95	106	234375	20.190	ug/l	98
70) Styrene	11.97	104	378646	20.125	ug/l	99
71) Bromoform	12.13	173	92977	20.262	ug/l #	98
73) Isopropylbenzene	12.25	105	622981	20.440	ug/l	100
74) N-amyl acetate	12.07	43	141187	19.264	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	140205	19.221	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	168523	30.262	ug/l #	100
77) Bromobenzene	12.53	156	162574	19.792	ug/l	97
78) n-propylbenzene	12.59	91	719030	20.408	ug/l	100
79) 2-Chlorotoluene	12.67	91	421818	20.179	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	531926	21.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	36164	18.261	ug/l	98
82) 4-Chlorotoluene	12.77	91	429222	20.011	ug/l	99
83) tert-Butylbenzene	12.99	119	465772	20.851	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	532121	20.665	ug/l	98
85) sec-Butylbenzene	13.17	105	641613	21.107	ug/l	100
86) p-Isopropyltoluene	13.29	119	561005	21.102	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	289425	19.600	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	284633	19.487	ug/l	99
89) n-Butylbenzene	13.62	91	474390	20.616	ug/l	99
90) Hexachloroethane	13.88	117	92920	21.190	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	281175	19.890	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19980	19.220	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	151914	18.737	ug/l	99
94) Hexachlorobutadiene	15.01	225	107755	21.341	ug/l	98
95) Naphthalene	15.13	128	295245	16.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	140998	18.743	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053648.D

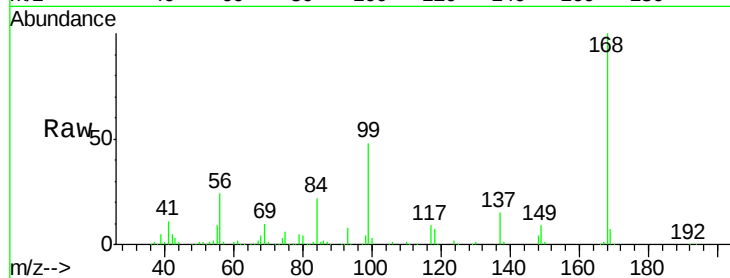
Acq: 7 Feb 2019 11:52

Tot Ion:168 Resp: 706651

Ion Ratio Lower Upper

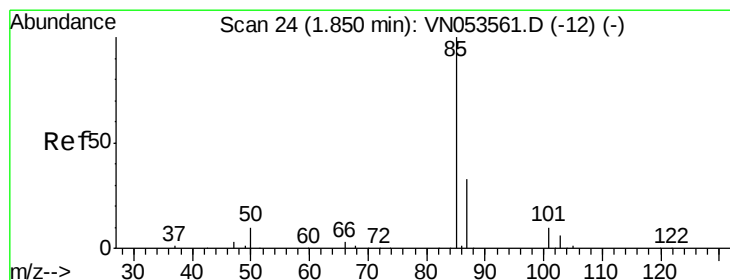
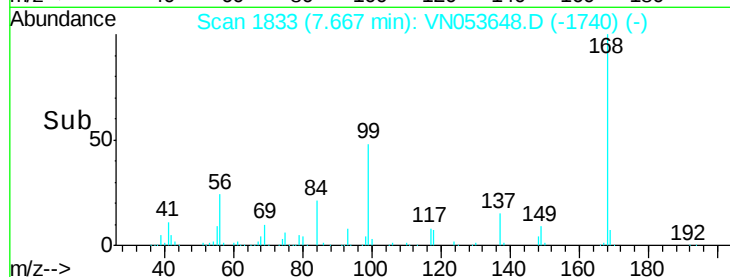
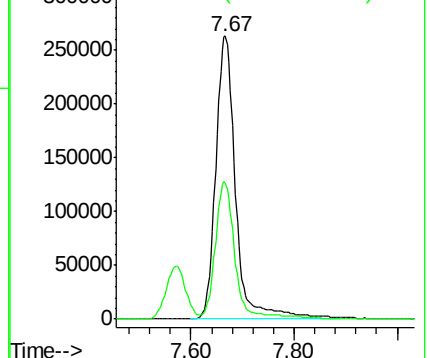
168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.001 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053648.D

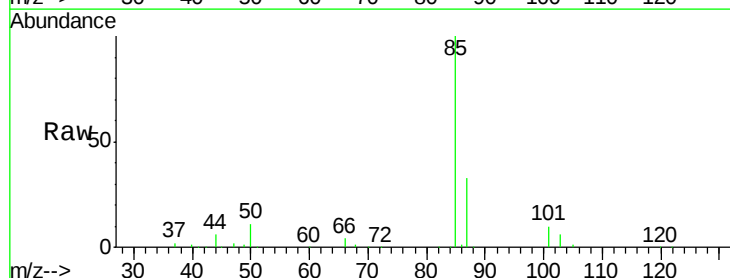
Acq: 7 Feb 2019 11:52

Tgt Ion: 85 Resp: 149694

Ion Ratio Lower Upper

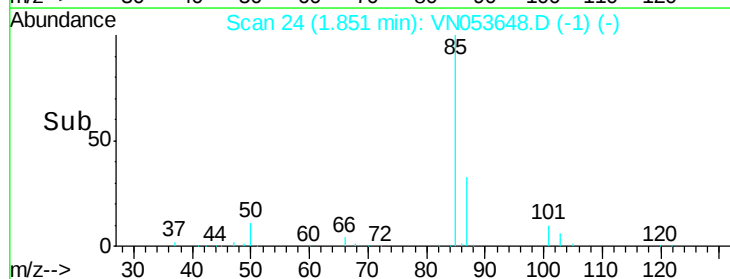
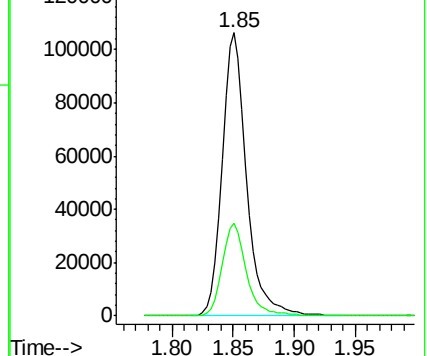
85 100

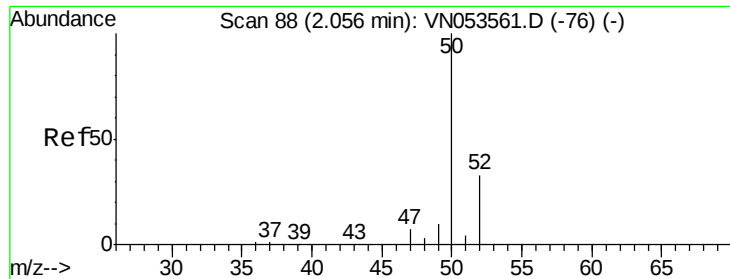
87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.304 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN053648.D

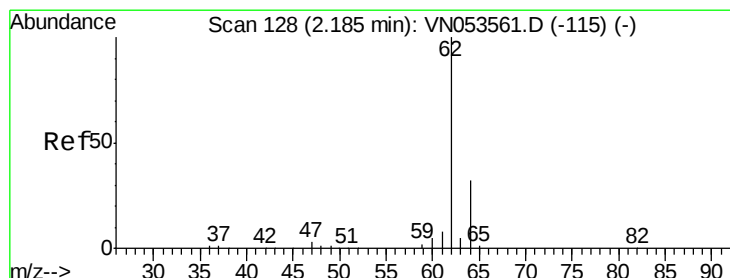
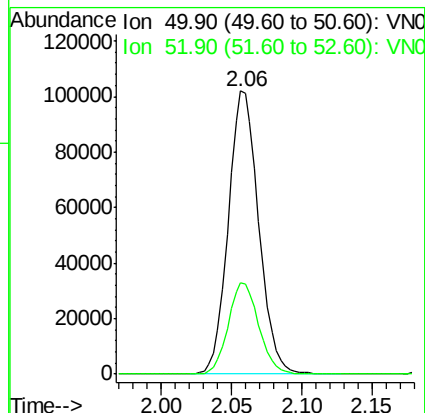
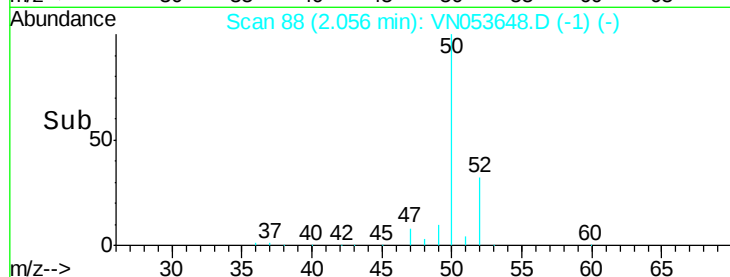
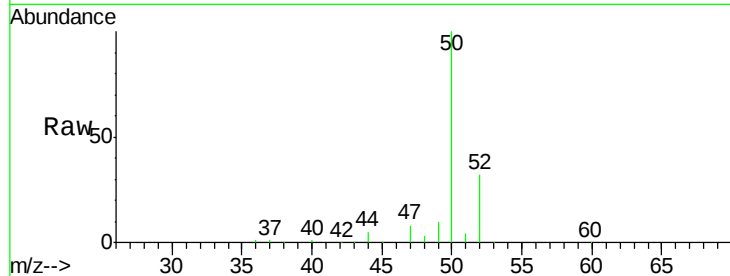
Acq: 7 Feb 2019 11:52

Tot Ion: 50 Resp: 153560

Ion Ratio Lower Upper

50 100

52 32.3 26.6 40.0



#4

Vinyl Chloride

Concen: 18.635 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053648.D

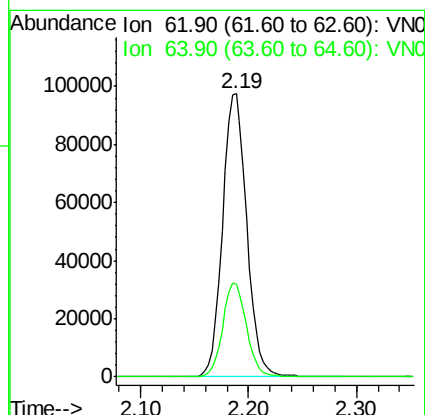
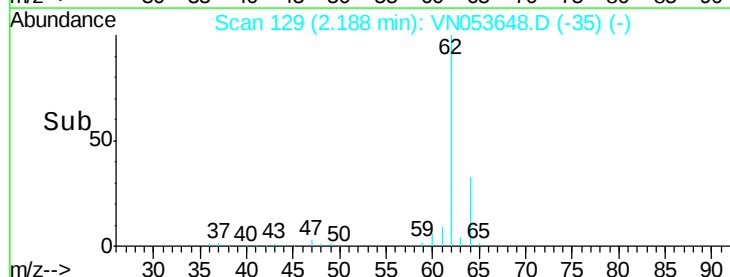
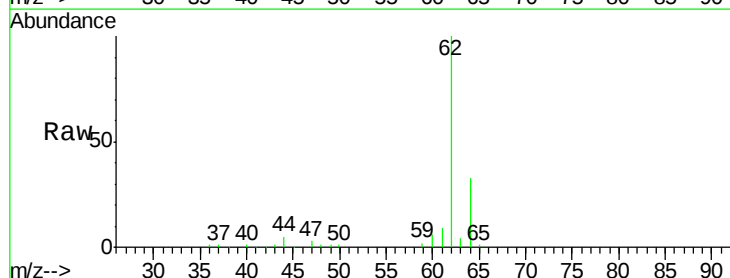
Acq: 7 Feb 2019 11:52

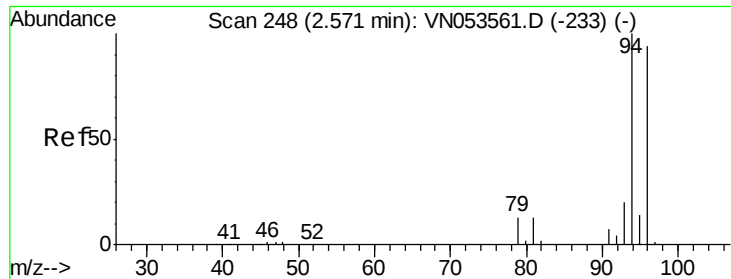
Tgt Ion: 62 Resp: 151761

Ion Ratio Lower Upper

62 100

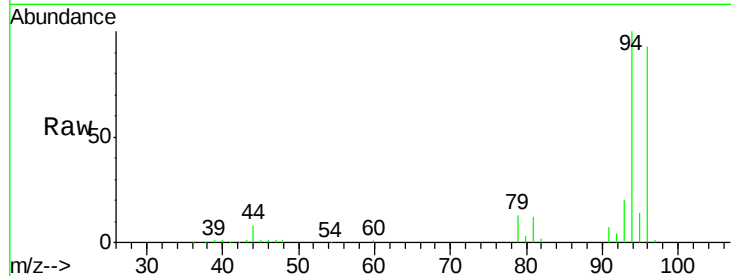
64 32.8 25.4 38.2



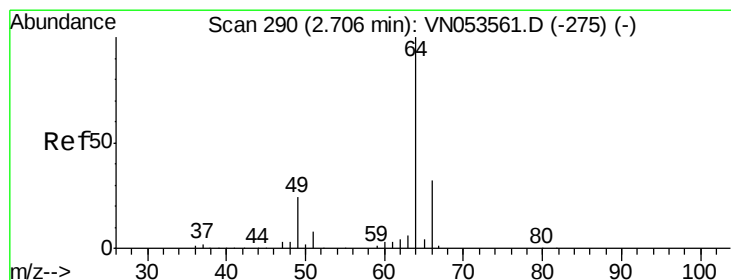
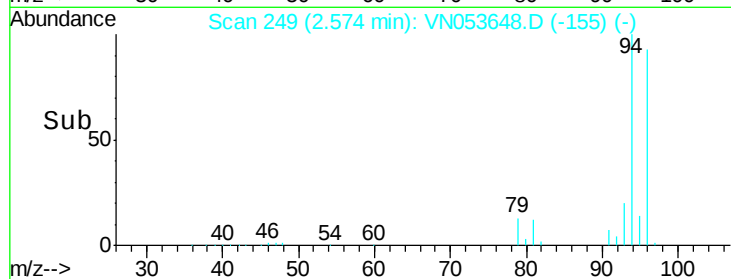
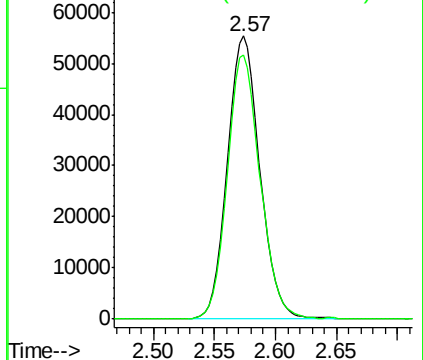


#5
Bromomethane
Concen: 19.360 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tot Ion: 94 Resp: 103091
Ion Ratio Lower Upper
94 100
96 93.5 76.8 115.2

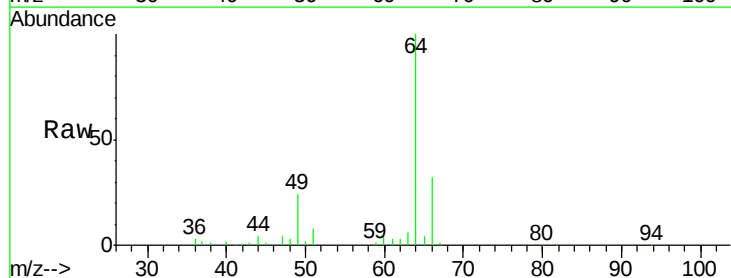


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

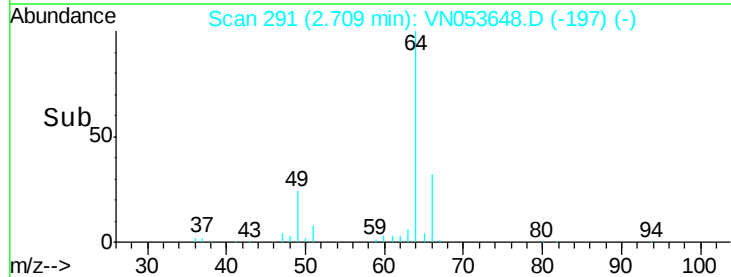
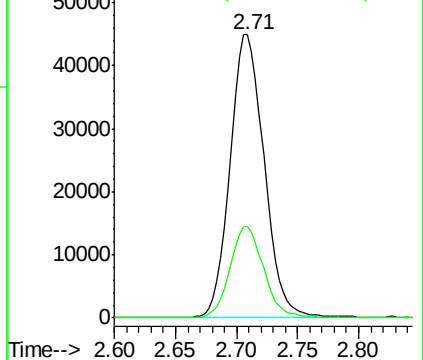


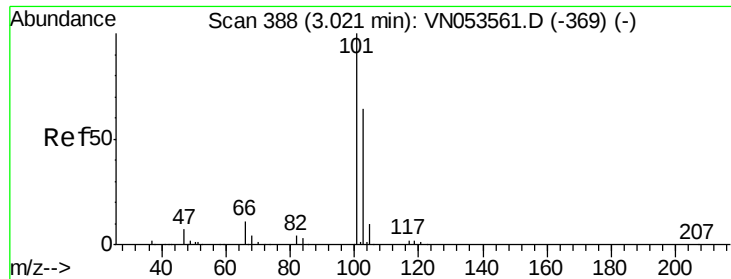
#6
Chloroethane
Concen: 18.817 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tgt Ion: 64 Resp: 87570
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0

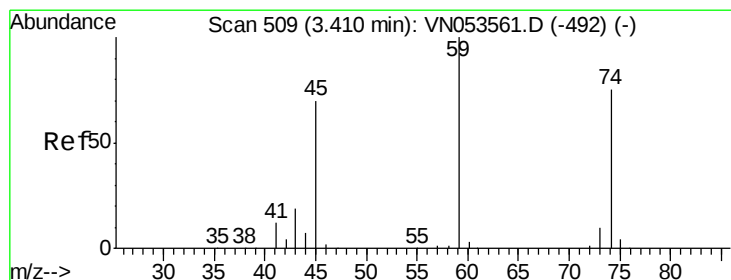
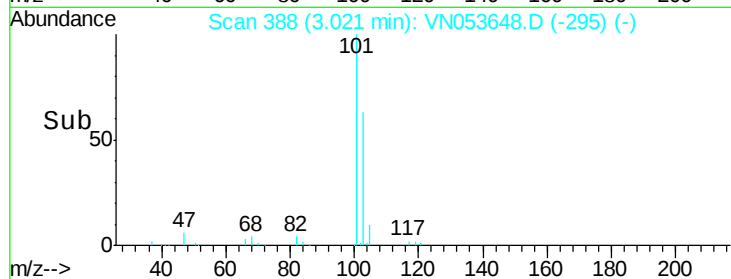
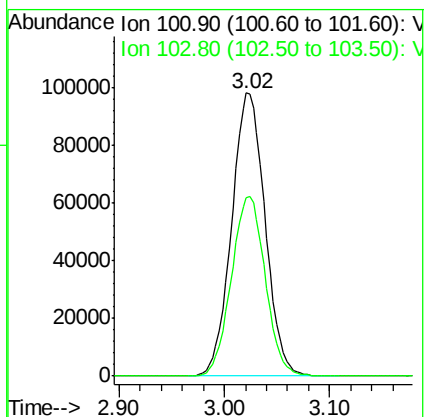
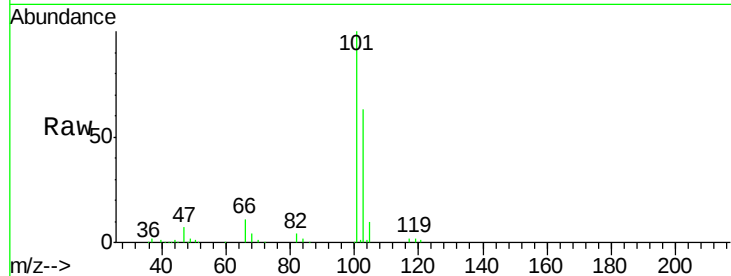




#7

Trichlorofluoromethane
Concen: 19.544 ug/l
RT: 3.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

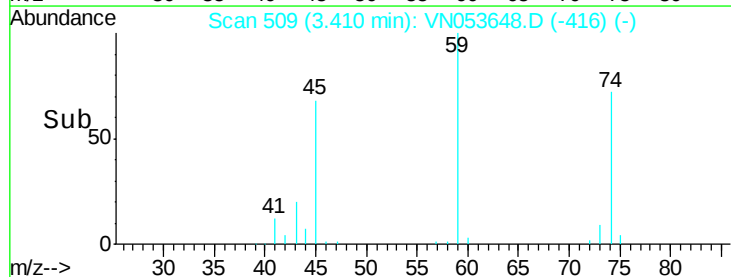
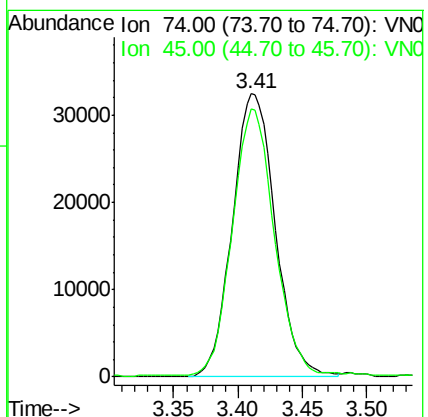
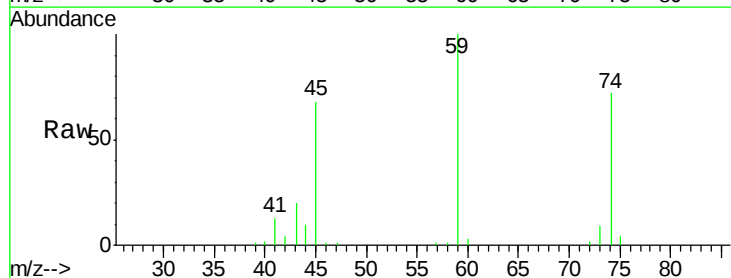
Tot Ion:101 Resp: 215836
Ion Ratio Lower Upper
101 100
103 63.1 51.6 77.4

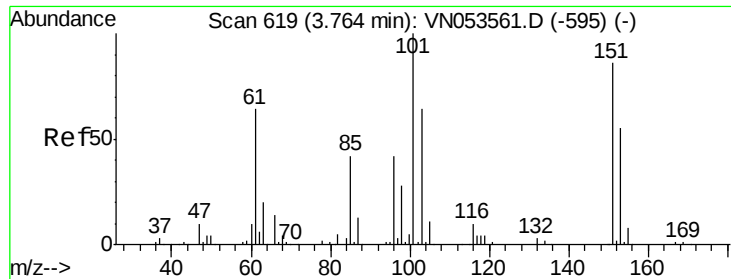


#8

Diethyl Ether
Concen: 18.566 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tgt Ion: 74 Resp: 74881
Ion Ratio Lower Upper
74 100
45 92.7 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.773 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

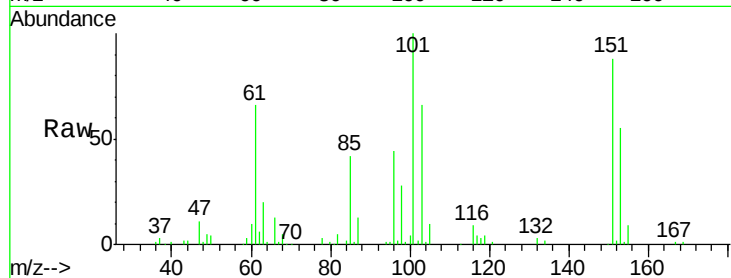
Tot Ion:101 Resp: 135050

Ion Ratio Lower Upper

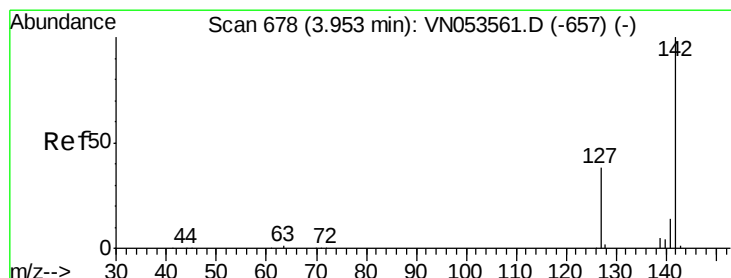
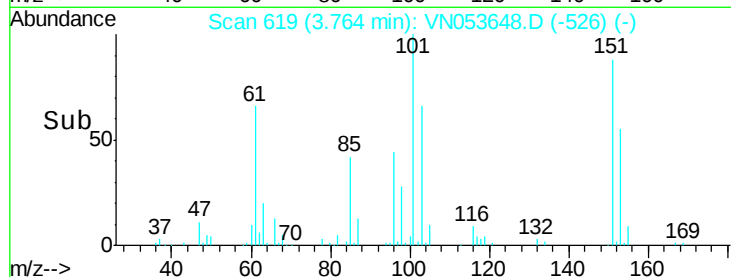
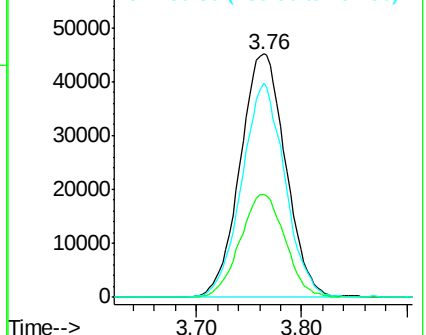
101 100

85 41.8 32.8 49.2

151 83.8 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.812 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

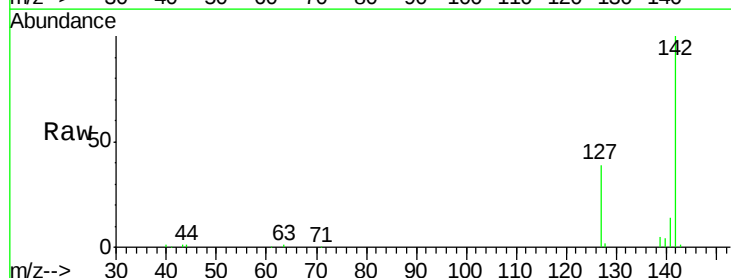
Tgt Ion:142 Resp: 190946

Ion Ratio Lower Upper

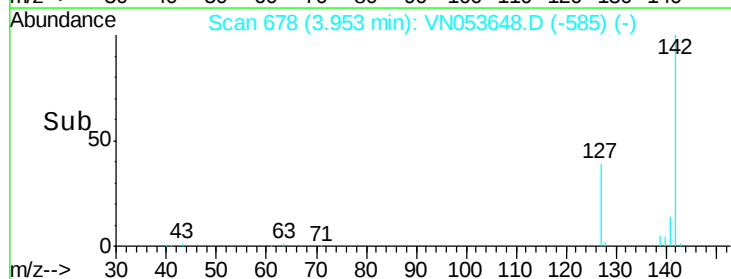
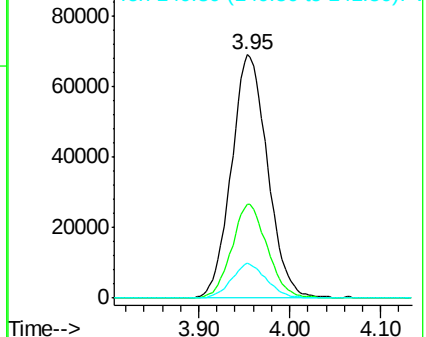
142 100

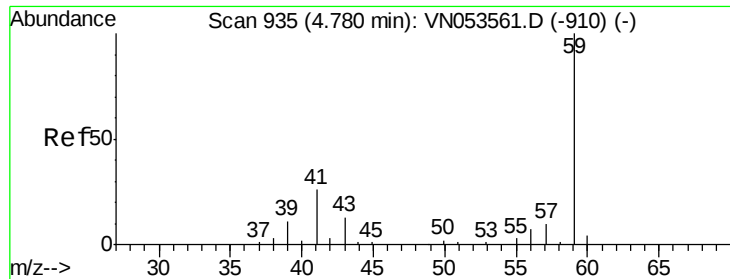
127 37.8 31.0 46.4

141 13.7 11.1 16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.780 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN053648.D

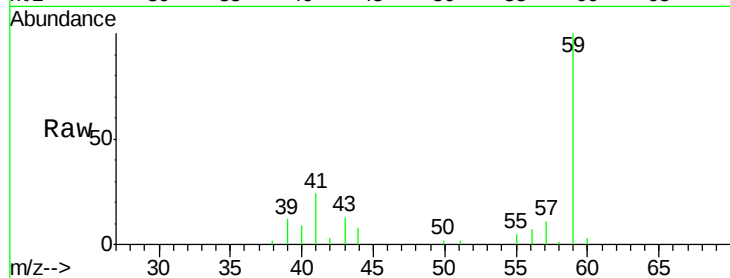
Acq: 7 Feb 2019 11:52

Tot Ion: 59 Resp: 38506

Ion Ratio Lower Upper

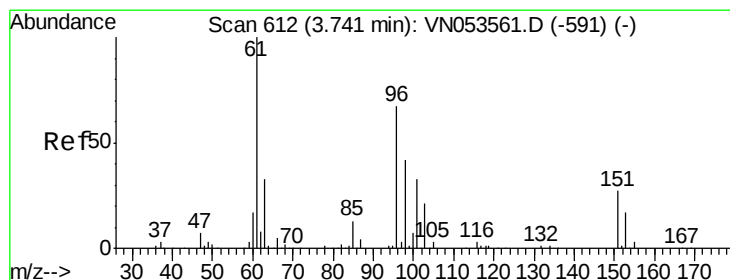
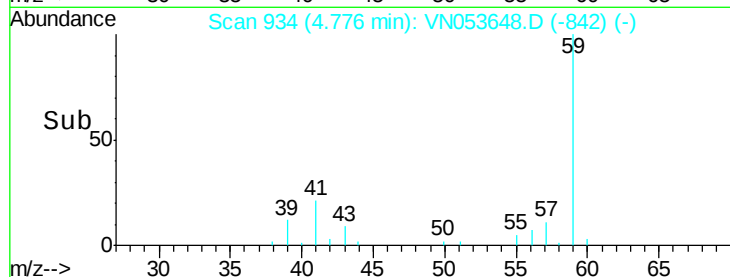
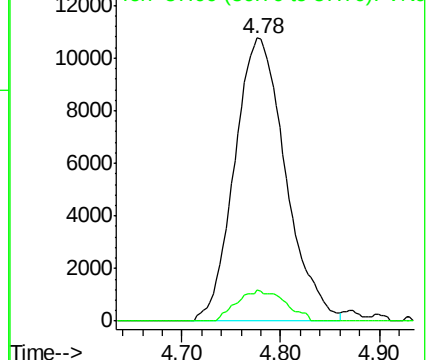
59 100

57 10.4 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.821 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

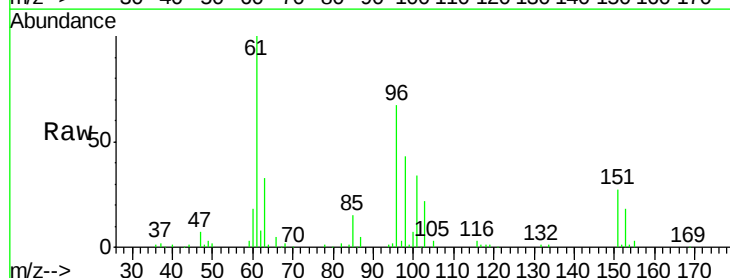
Tgt Ion: 96 Resp: 123159

Ion Ratio Lower Upper

96 100

61 150.3 122.9 184.3

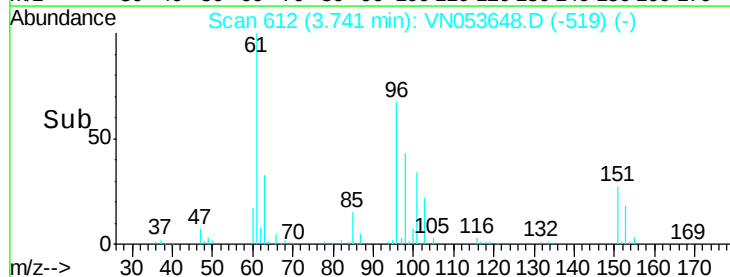
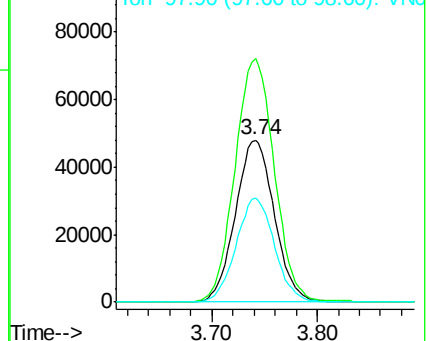
98 64.6 49.4 74.0

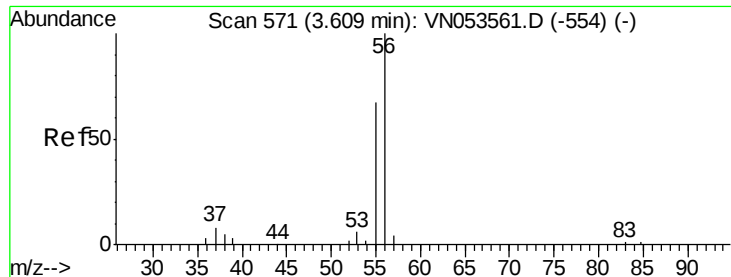


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 81.948 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053648.D

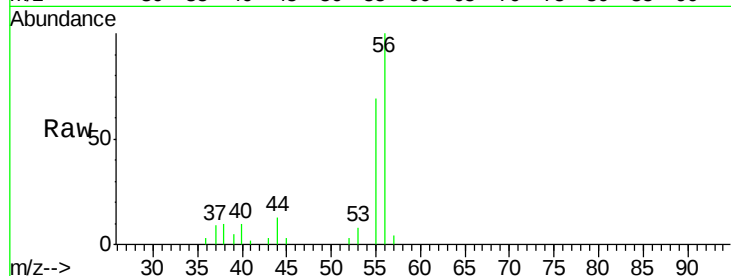
Acq: 7 Feb 2019 11:52

Tot Ion: 56 Resp: 18719

Ion Ratio Lower Upper

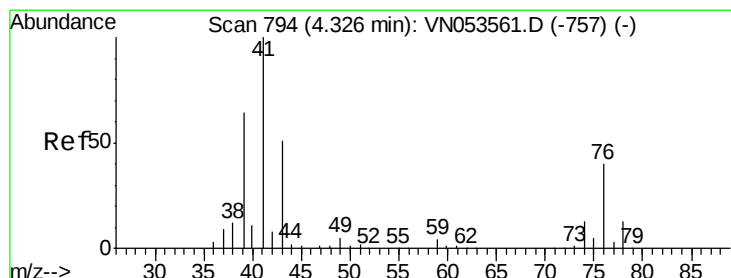
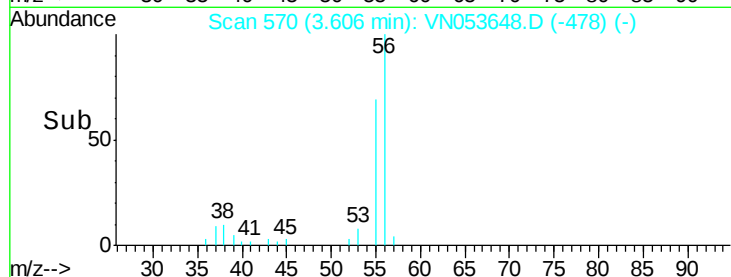
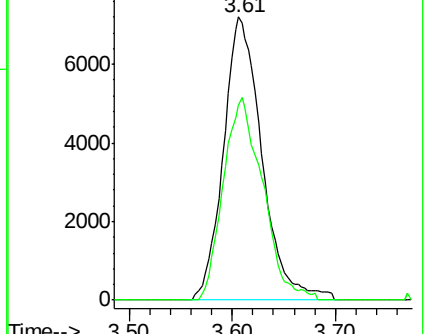
56 100

55 73.2 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.555 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

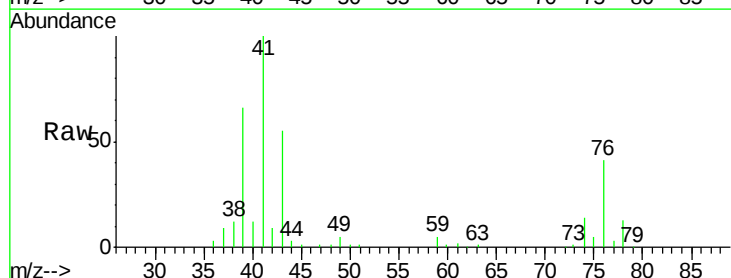
Tgt Ion: 41 Resp: 193321

Ion Ratio Lower Upper

41 100

39 62.1 48.9 73.3

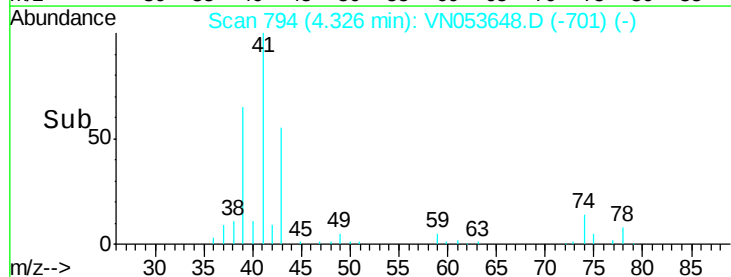
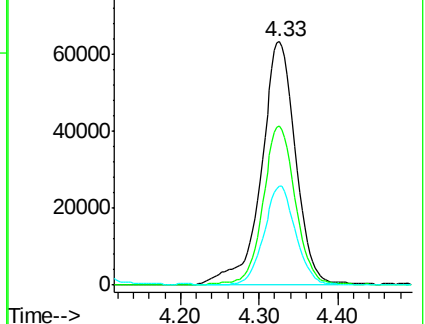
76 37.7 29.4 44.2

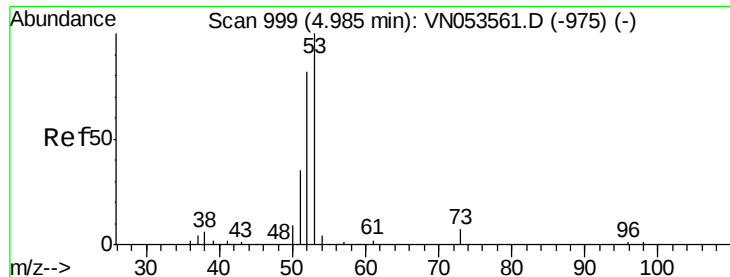


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.110 ug/l

RT: 4.99 min Scan# 999

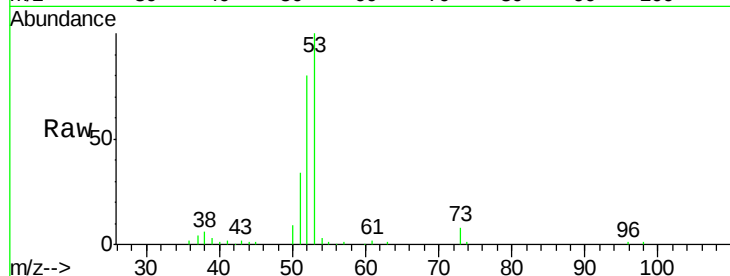
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion: 53 Resp: 215417

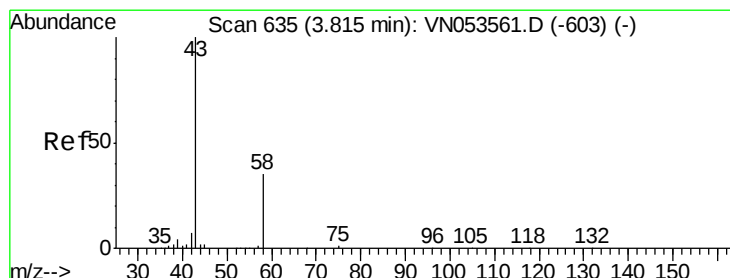
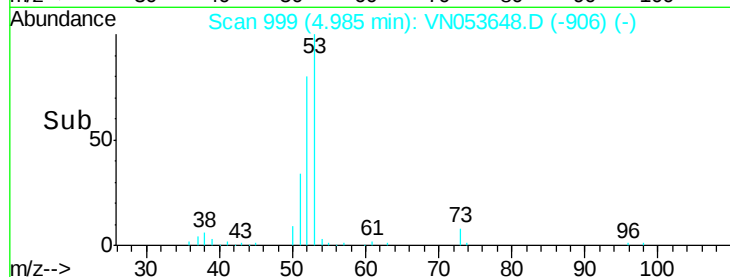
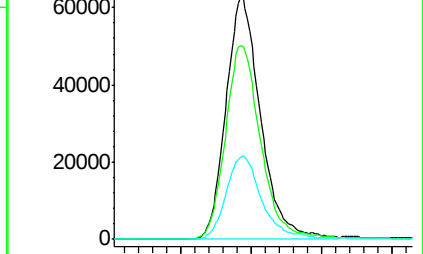
Ion	Ratio	Lower	Upper
53	100		
52	80.4	66.0	99.0
51	34.4	28.3	42.5



Abundance Ion 53.00 (52.70 to 53.70): VN053561.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN053561.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN053561.D (-975) (-)



#16

Acetone

Concen: 99.659 ug/l

RT: 3.82 min Scan# 635

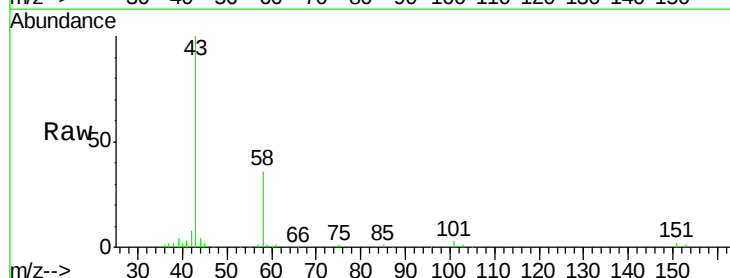
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

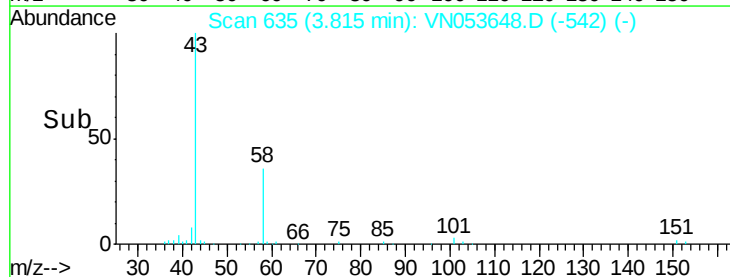
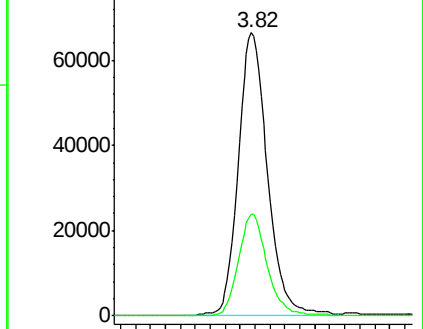
Tgt Ion: 43 Resp: 181216

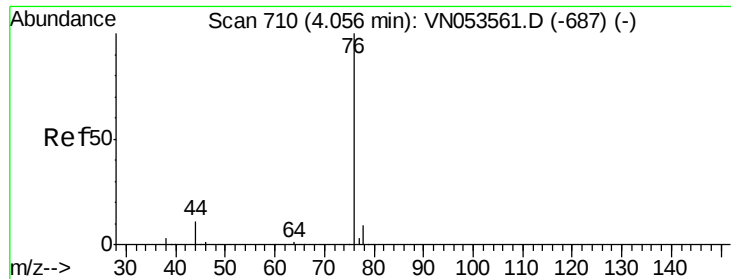
Ion	Ratio	Lower	Upper
43	100		
58	35.9	27.1	40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-603) (-)





#17

Carbon Disulfide

Concen: 17.449 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053648.D

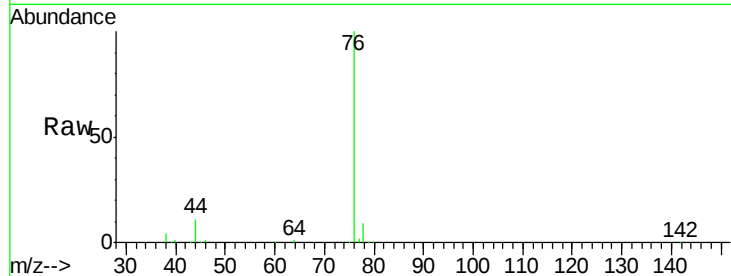
Acq: 7 Feb 2019 11:52

Tot Ion: 76 Resp: 355534

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

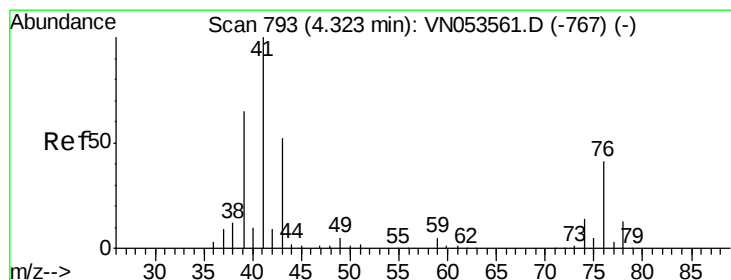
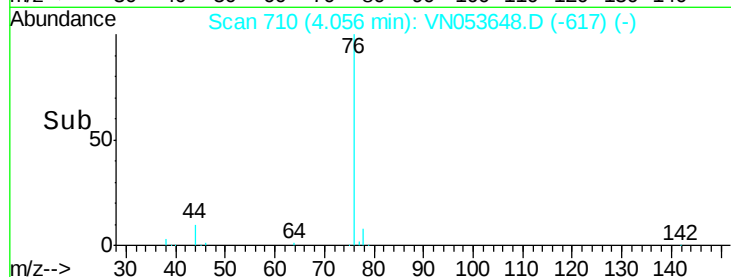
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.352 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053648.D

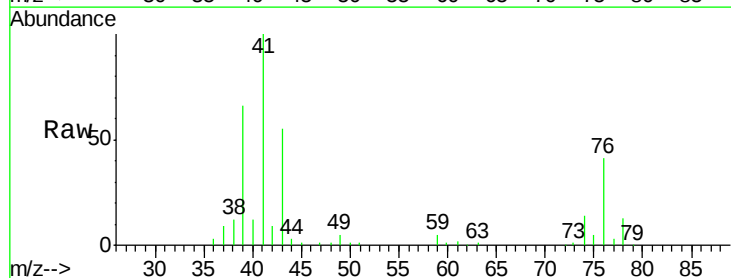
Acq: 7 Feb 2019 11:52

Tgt Ion: 43 Resp: 104213

Ion Ratio Lower Upper

43 100

74 25.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

40000

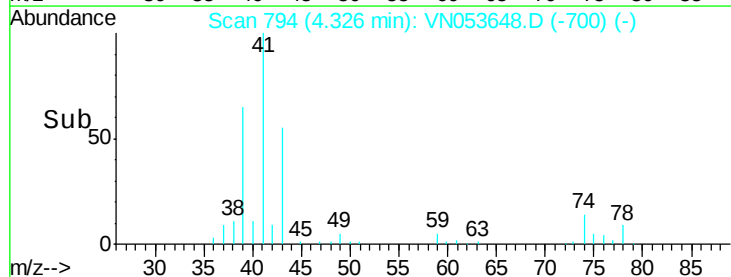
30000

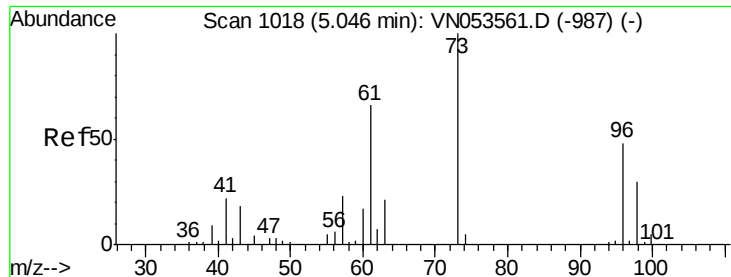
20000

10000

0

Time-->

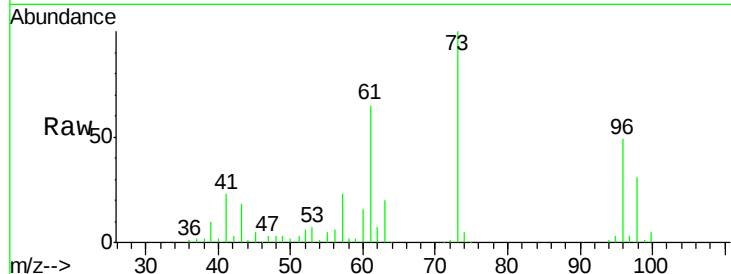




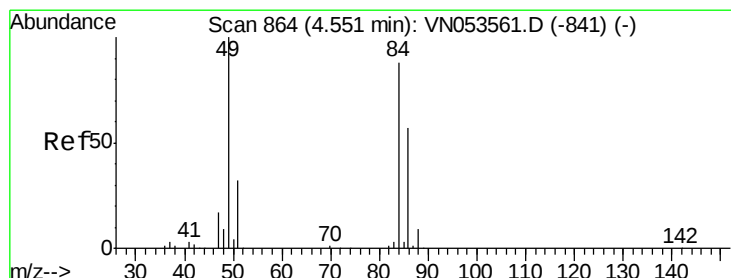
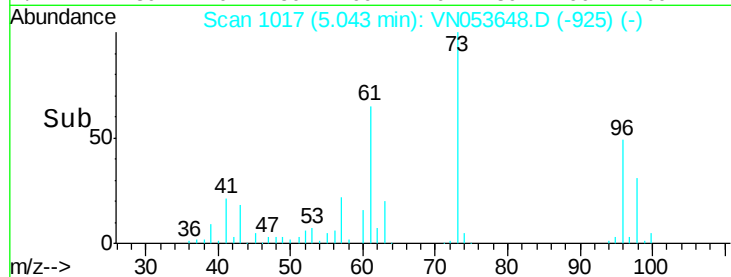
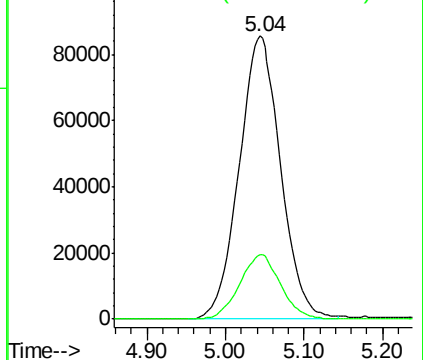
#19

Methvl tert-butvl Ether
 Concen: 19.154 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

Tot Ion: 73 Resp: 317736
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.3 27.5



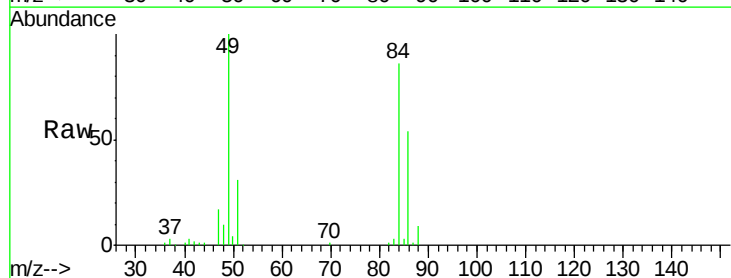
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



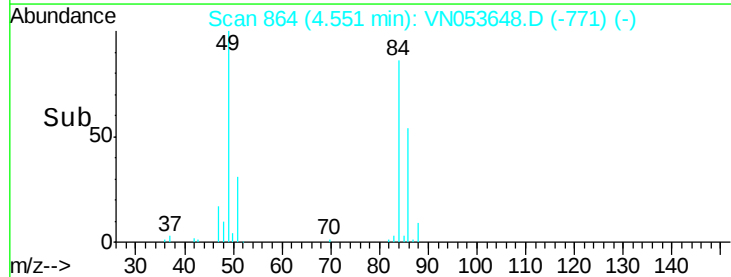
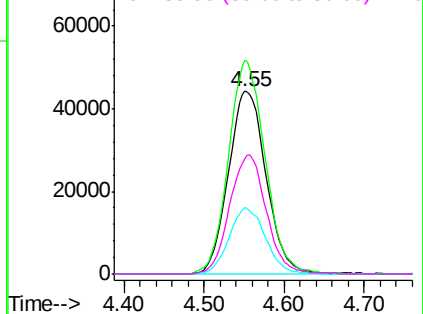
#20

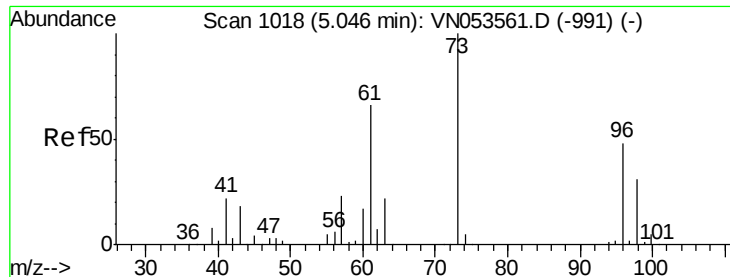
Methylene Chloride
 Concen: 18.571 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

Tgt Ion: 84 Resp: 141673
 Ion Ratio Lower Upper
 84 100
 49 116.8 94.3 141.5
 51 36.1 29.4 44.2
 86 62.7 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0

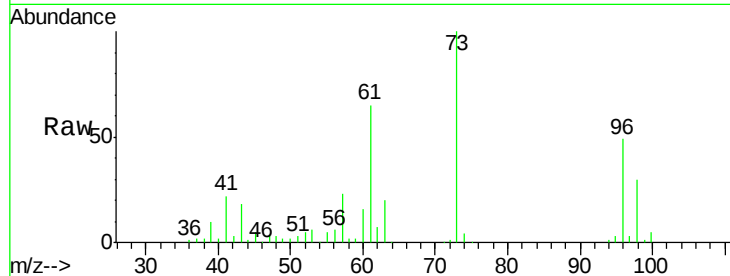




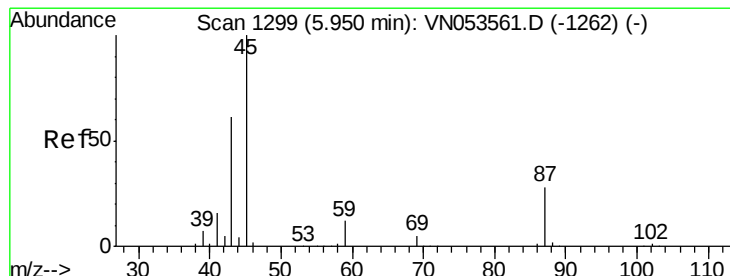
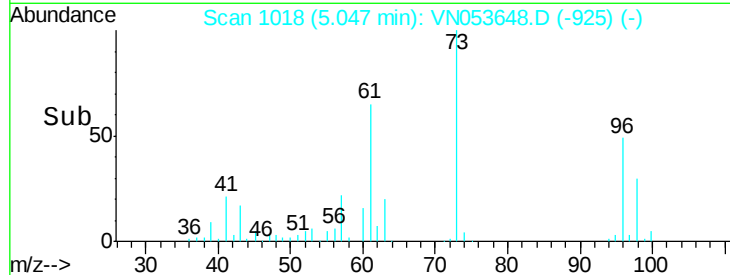
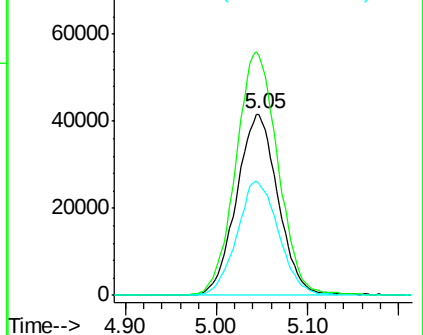
#21

trans-1,2-Dichloroethene
Concen: 18.630 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tot Ion	96	Resp	131527
Ion	Ratio	Lower	Upper
96	100		
61	132.3	110.1	165.1
98	61.9	50.0	75.0



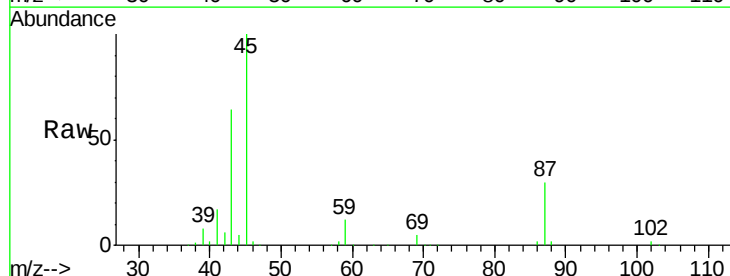
Abundance Ion 95.90 (95.60 to 96.60): VN053648.D (-1206) (-)



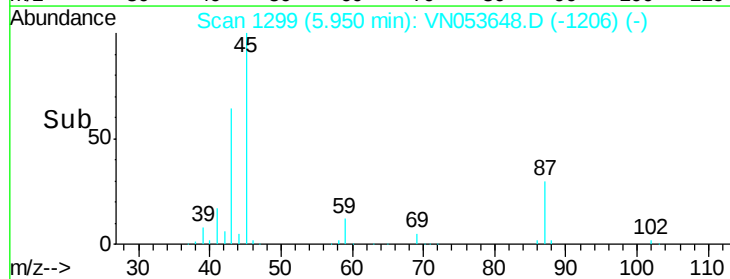
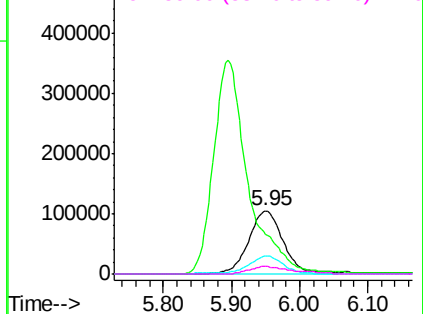
#22

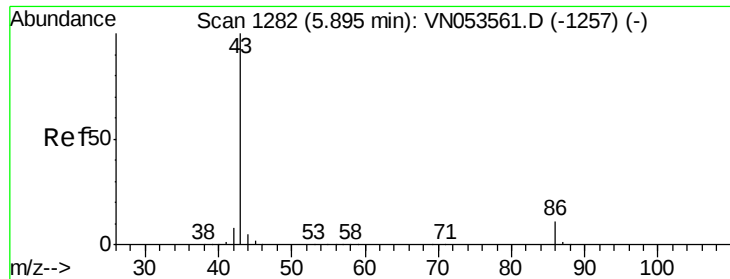
Diisopropyl ether
Concen: 19.171 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tgt Ion	45	Resp	370105
Ion	Ratio	Lower	Upper
45	100		
43	61.1	44.2	66.4
87	28.8	22.7	34.1
59	11.5	9.4	14.2



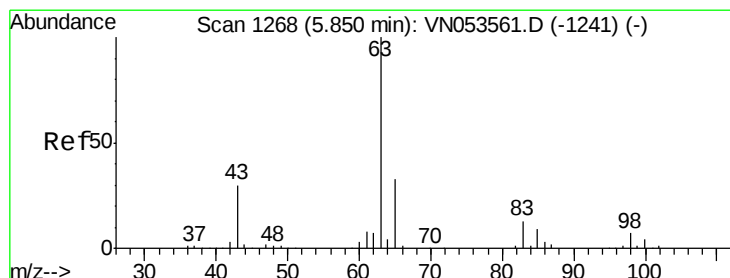
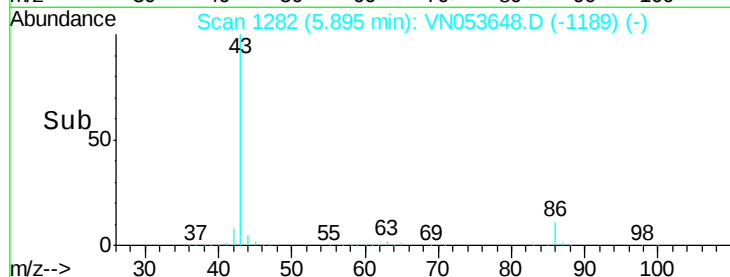
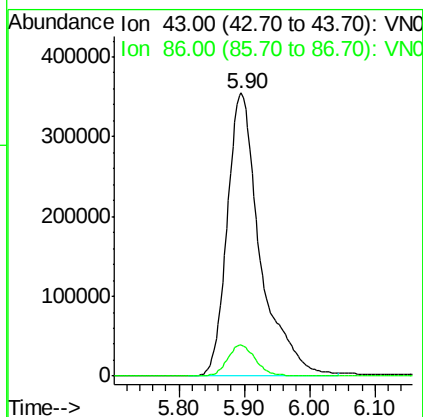
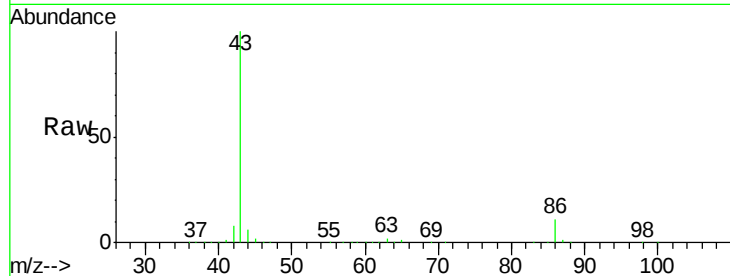
Abundance Ion 45.00 (44.70 to 45.70): VN053648.D (-1206) (-)





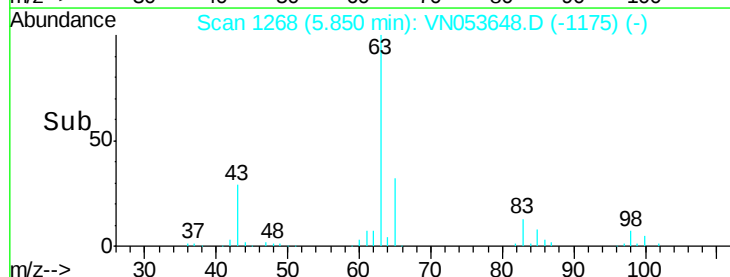
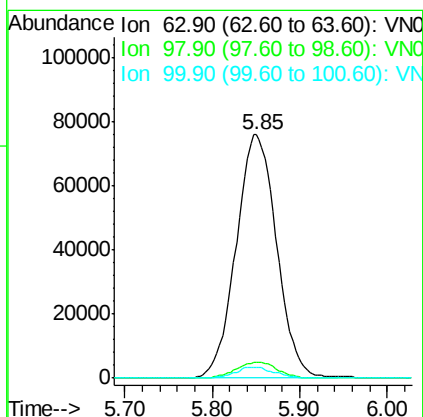
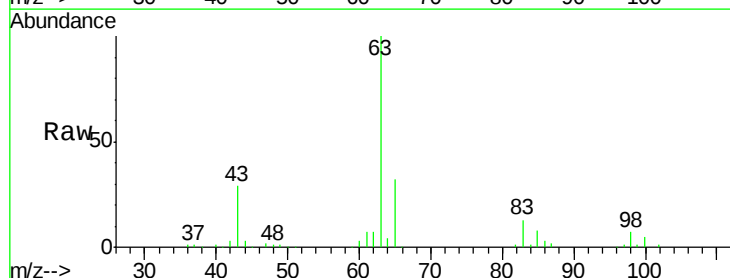
#23
 Vinyl Acetate
 Concen: 93.315 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

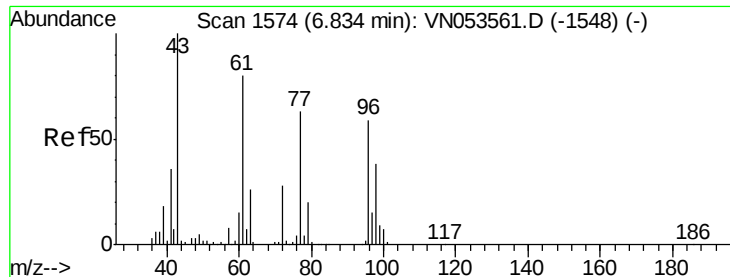
Tot Ion: 43 Resp: 1246252
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 18.907 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

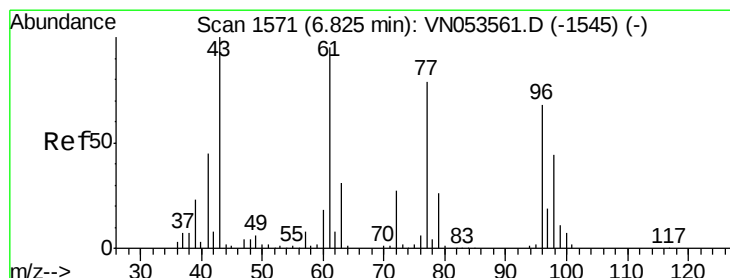
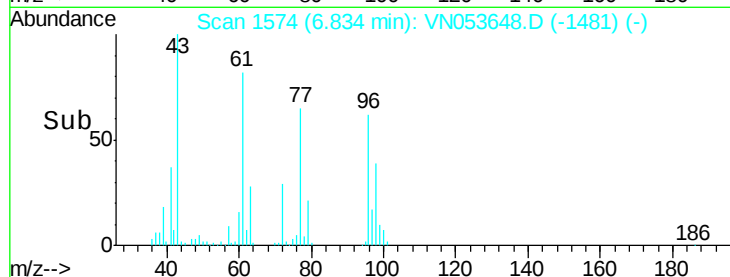
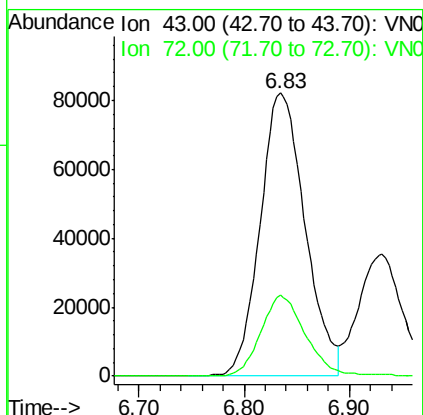
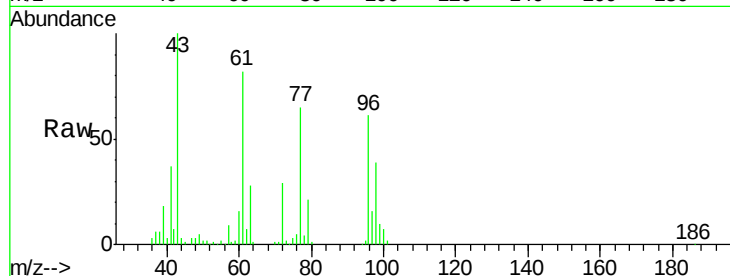
Tgt Ion: 63 Resp: 243456
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.6 2.1 6.5





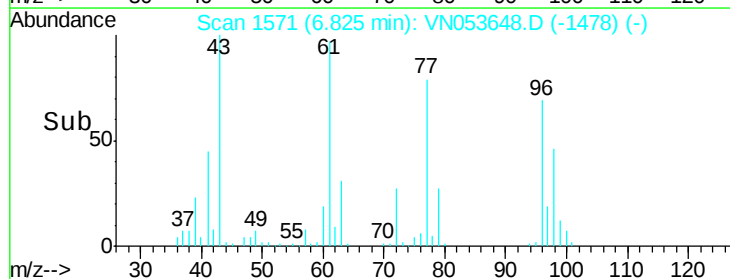
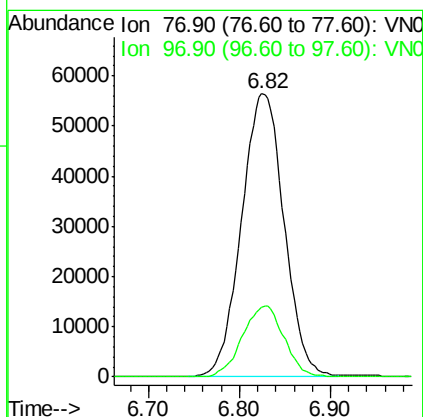
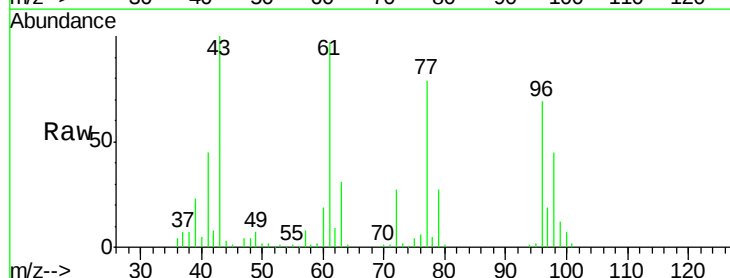
#25
2-Butanone
Concen: 93.324 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

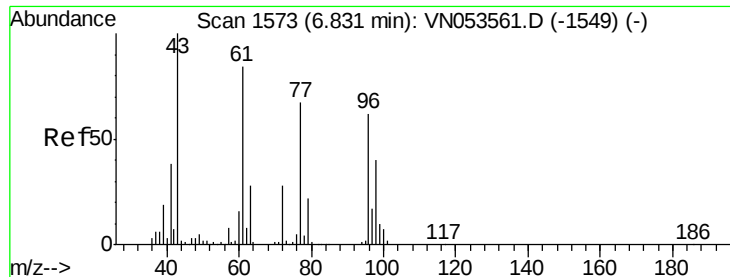
Tot Ion: 43 Resp: 242025
Ion Ratio Lower Upper
43 100
72 28.6 22.0 33.0



#26
2,2-Dichloropropane
Concen: 18.659 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

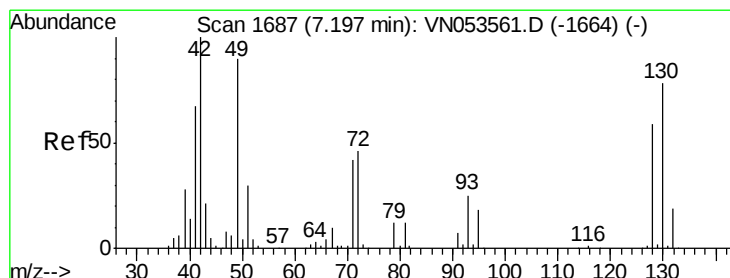
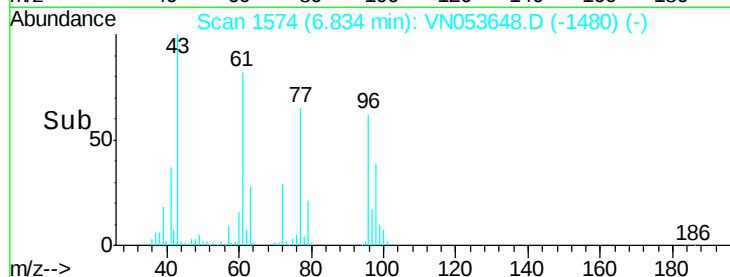
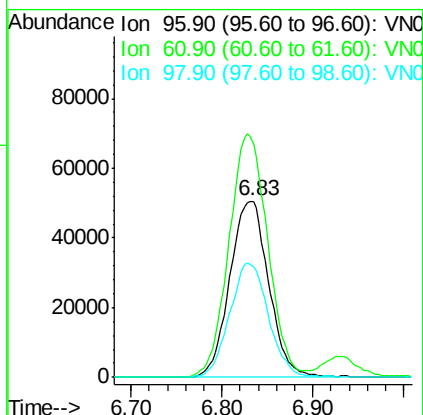
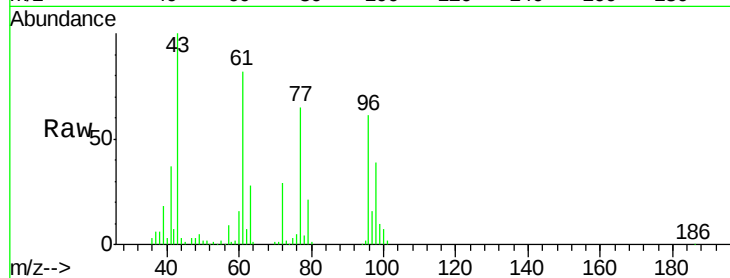
Tgt Ion: 77 Resp: 183415
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





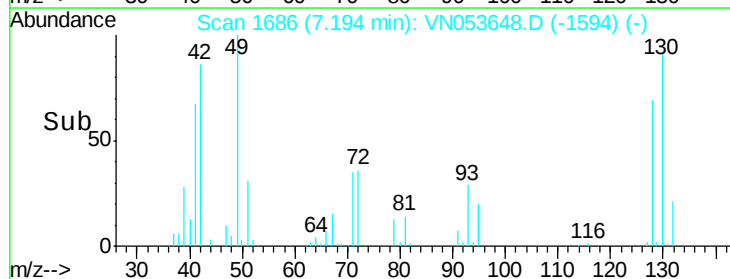
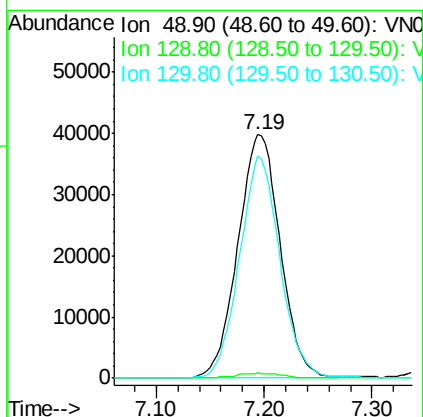
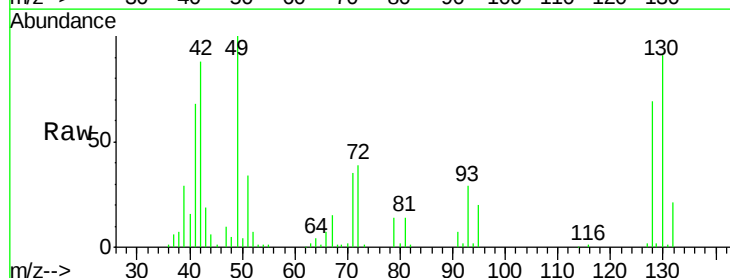
#27
 cis-1,2-Dichloroethene
 Concen: 19.170 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

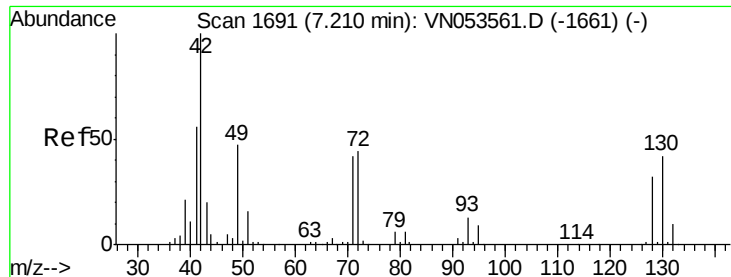
Tot Ion: 96 Resp: 150488
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 283.8
 98 64.6 0.0 129.2



#28
 Bromochloromethane
 Concen: 19.386 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

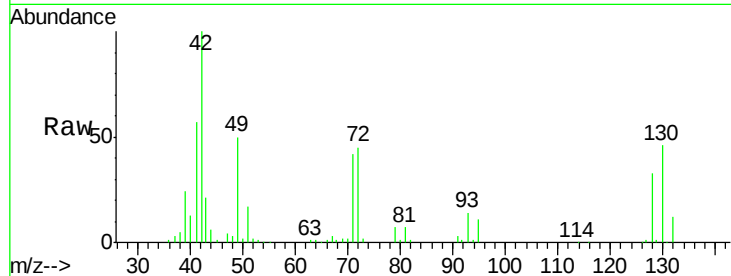
Tgt Ion: 49 Resp: 108326
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 87.1 66.3 99.5



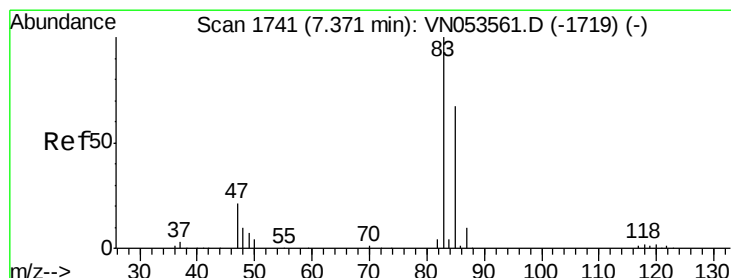
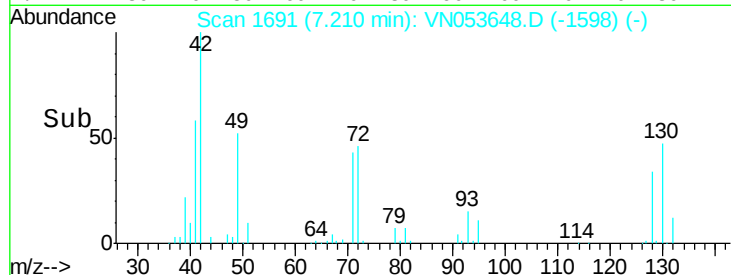
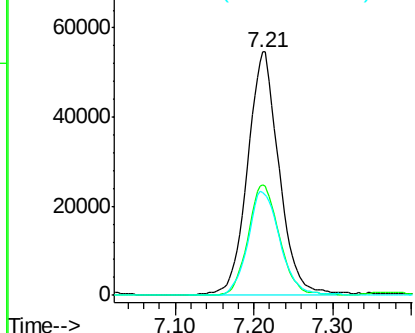


#29
Tetrahydrofuran
Concen: 92.756 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tot Ion: 42 Resp: 154466
Ion Ratio Lower Upper
42 100
72 45.4 35.2 52.8
71 43.7 33.0 49.4

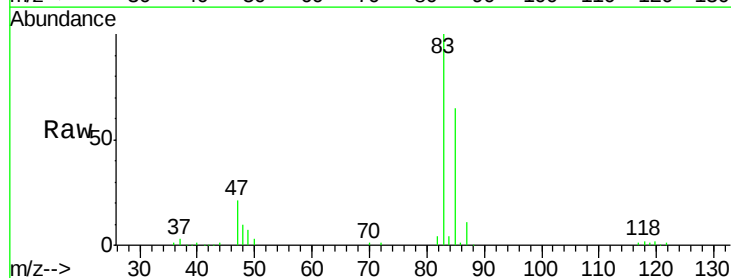


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

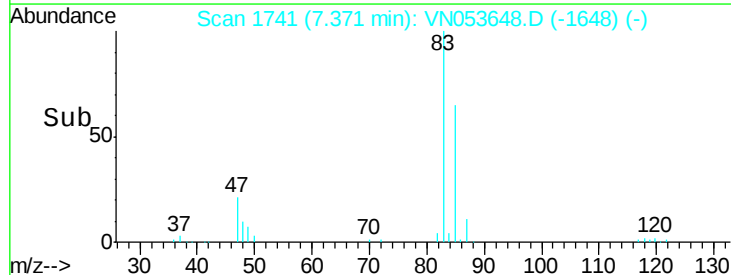
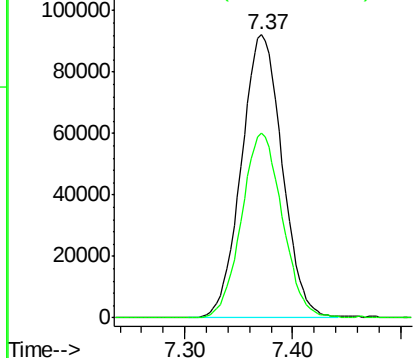


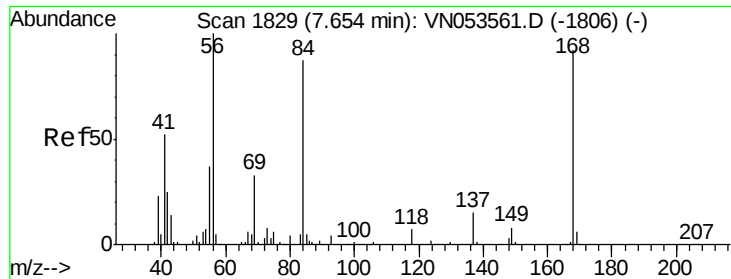
#30
Chloroform
Concen: 18.999 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tgt Ion: 83 Resp: 242513
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2



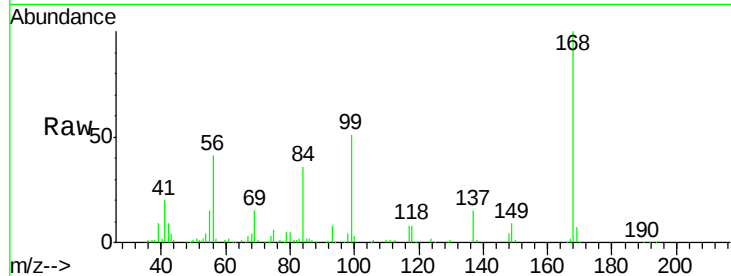
Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31
Cyclohexane
Concen: 18.200 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

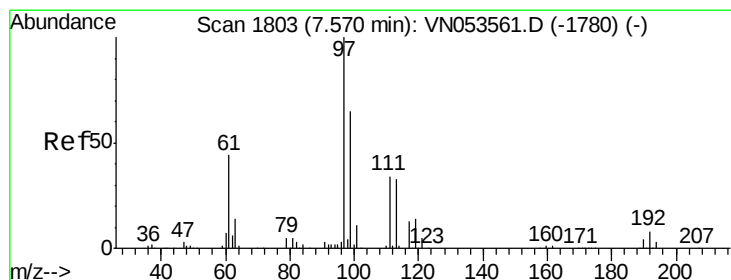
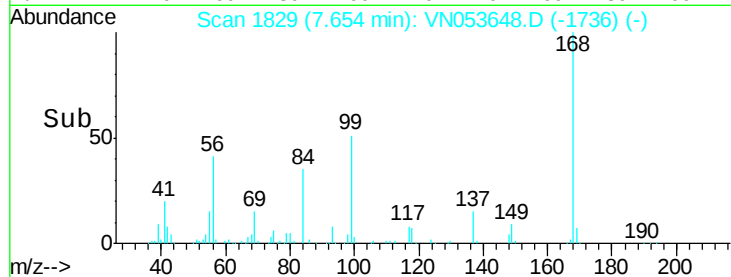
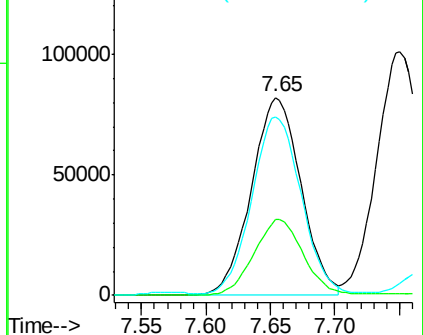
Tot Ion	56	Resp	219487
Ion Ratio	Lower	Upper	
56	100		
69	38.1	26.4	39.6
84	89.0	67.9	101.9



Abundance Ion 56.00 (55.70 to 56.70): VN053648.D (-1736) (-)

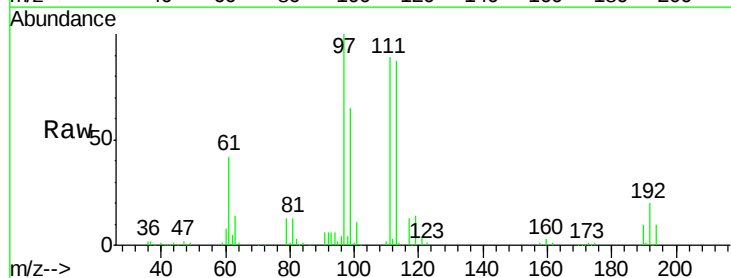
Ion 69.00 (68.70 to 69.70): VN053648.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN053648.D (-1736) (-)



#32
1,1,1-Trichloroethane
Concen: 19.146 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

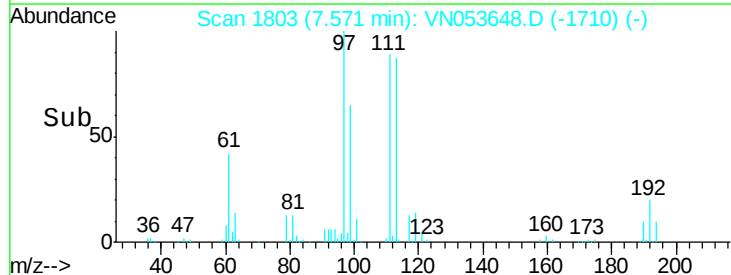
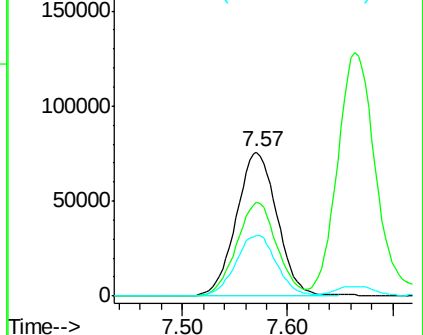
Tgt Ion	97	Resp	203390
Ion Ratio	Lower	Upper	
97	100		
99	64.1	52.0	78.0
61	42.6	34.4	51.6

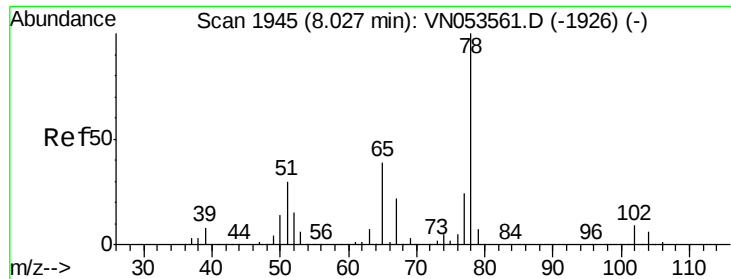


Abundance Ion 96.90 (96.60 to 97.60): VN053648.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053648.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN053648.D (-1710) (-)





#33

1,2-Dichloroethane-d4

Concen: 19.146 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053648.D

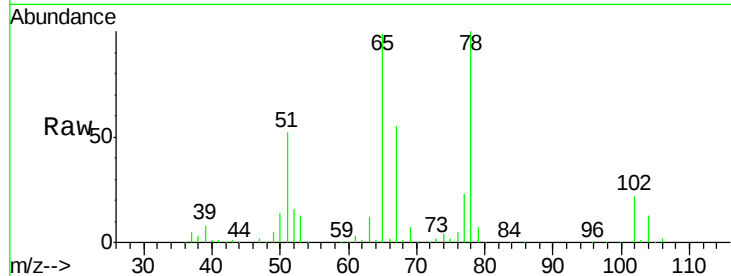
Acq: 7 Feb 2019 11:52

Tot Ion: 65 Resp: 346201

Ion Ratio Lower Upper

65 100

67 55.0 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

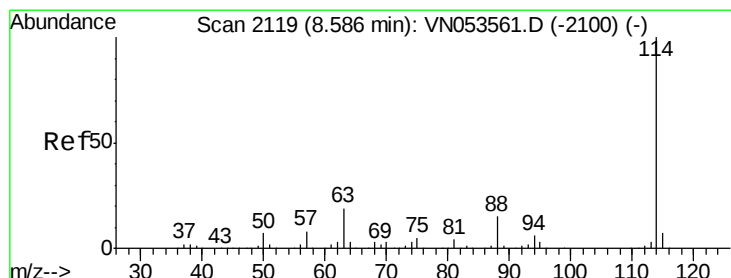
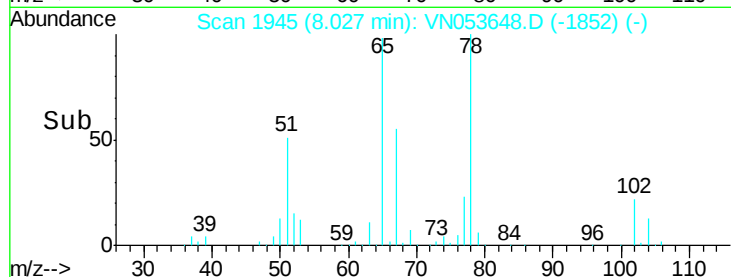
150000

100000

50000

0

Time--> 7.90 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: VN053648.D

Acq: 7 Feb 2019 11:52

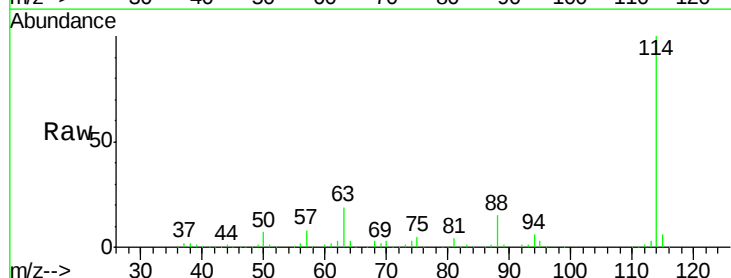
Tgt Ion: 114 Resp: 1039279

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 15.0 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

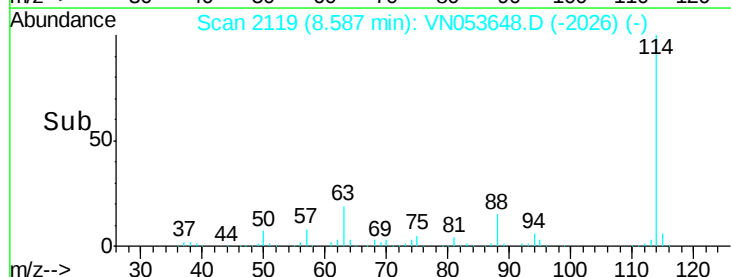
300000

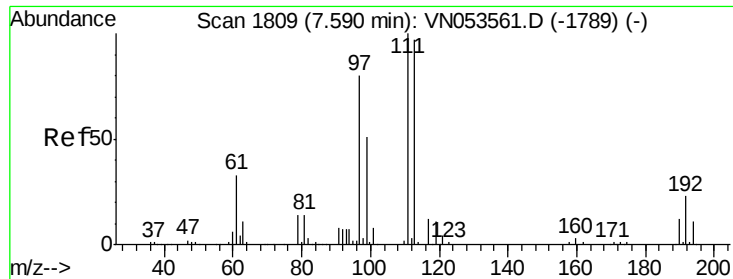
200000

100000

0

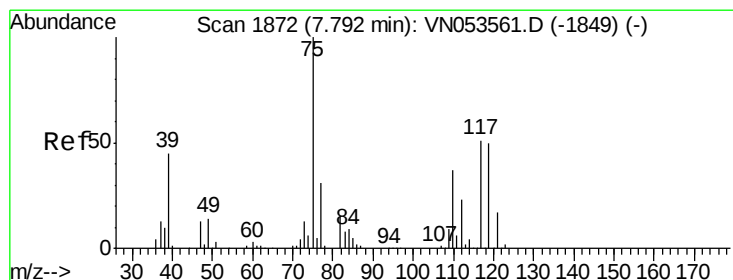
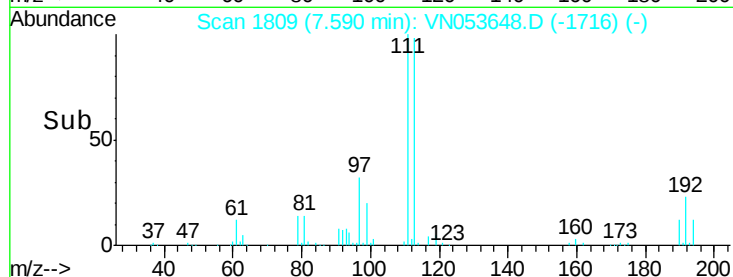
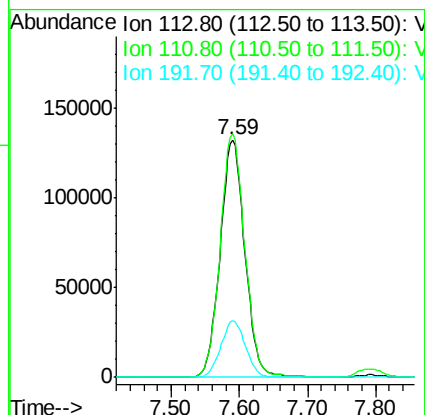
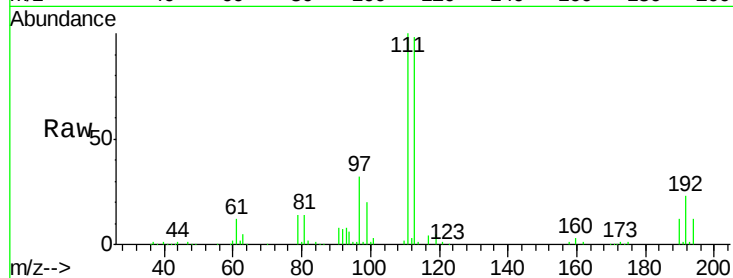
Time--> 8.50 8.60 8.70 8.80





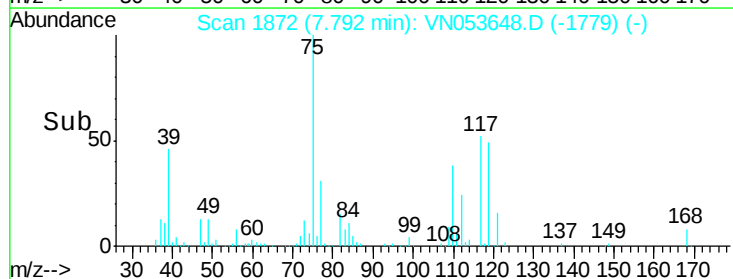
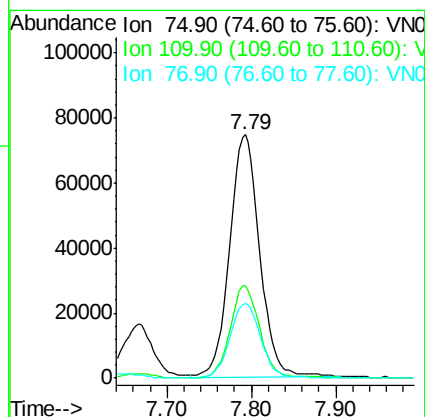
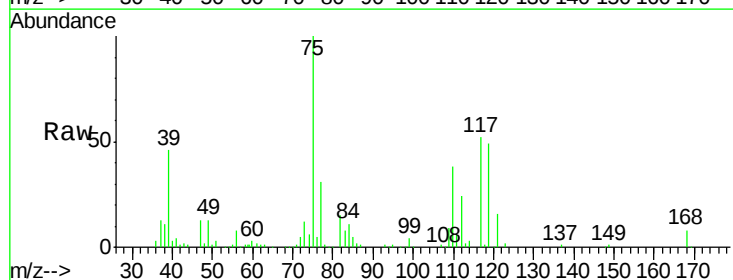
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

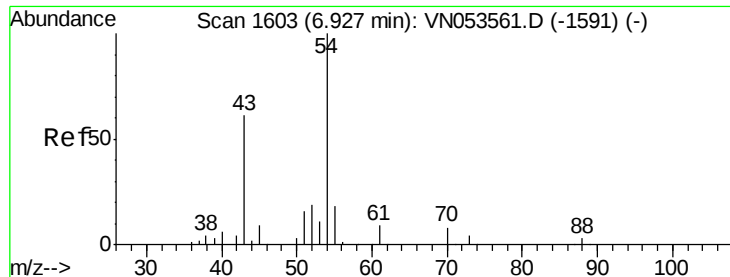
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	23.9	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 19.656 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

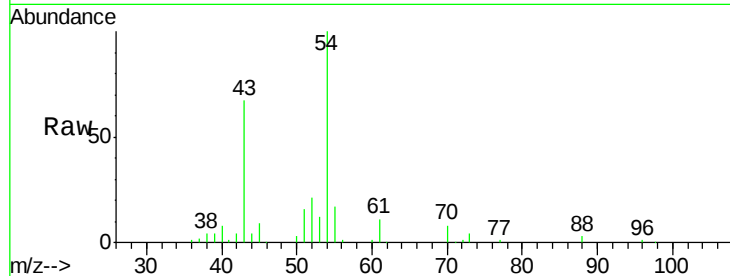
Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.1	54.3
77	31.6	25.1	37.7



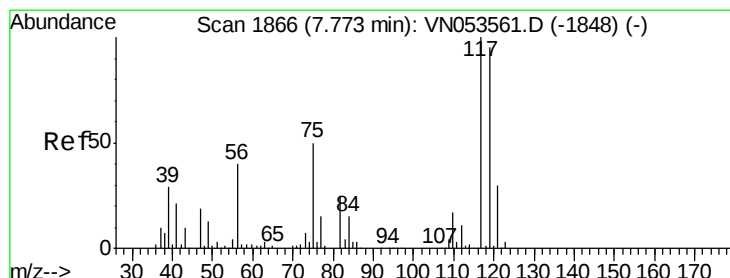
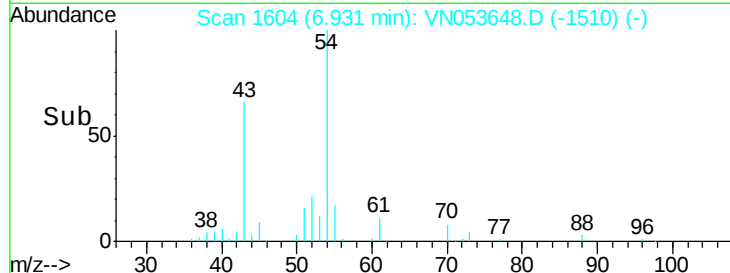
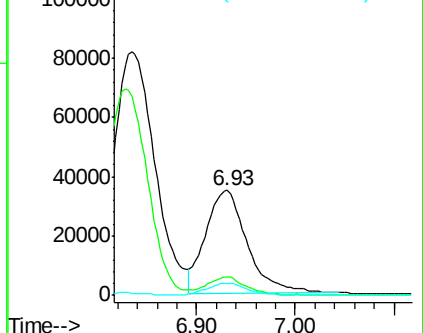


#37
Ethyl Acetate
Concen: 19.779 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tot Ion: 43 Resp: 103488
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 11.3 8.6 12.8

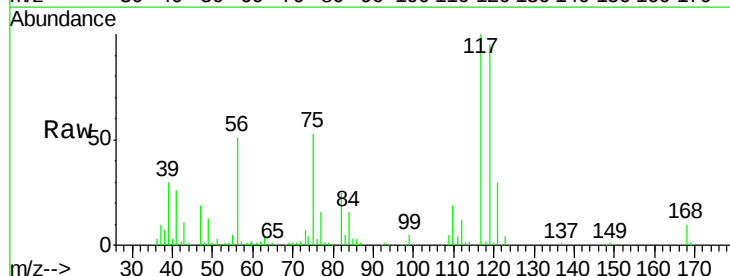


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

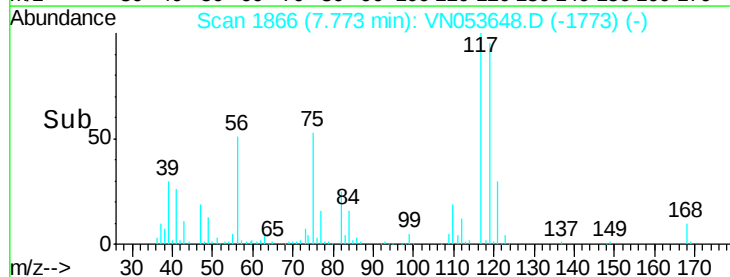
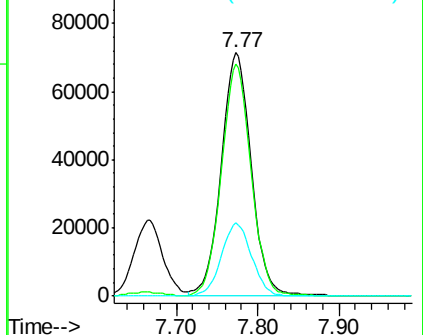


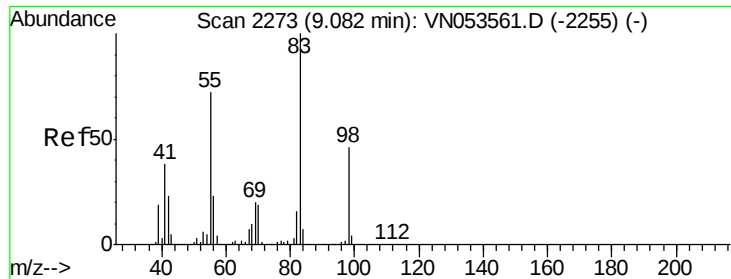
#38
Carbon Tetrachloride
Concen: 19.473 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tgt Ion: 117 Resp: 183782
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8
121 30.1 24.6 37.0



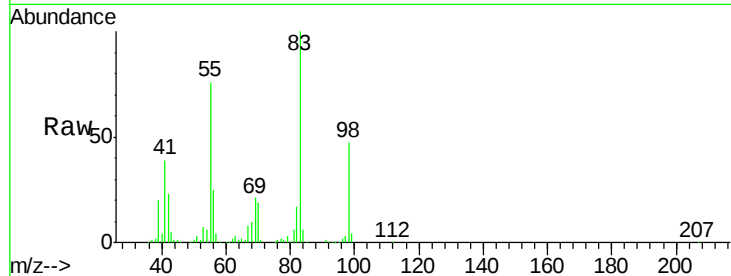
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39
Methvlcvclohexane
Concen: 18.853 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

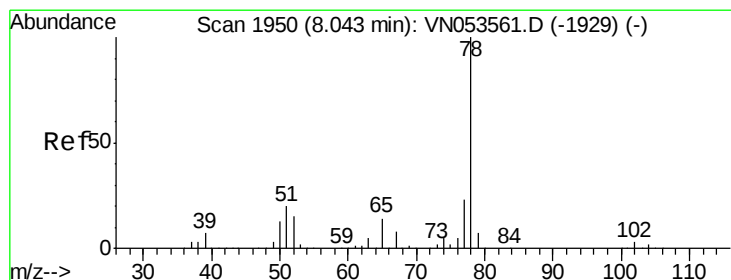
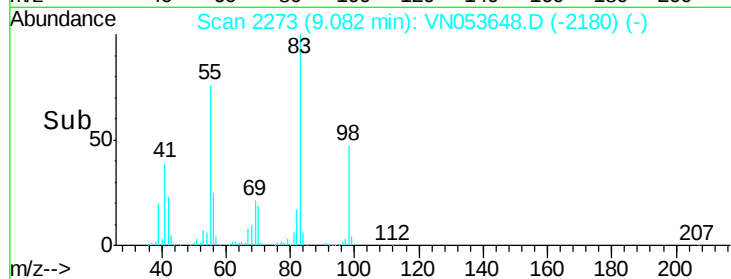
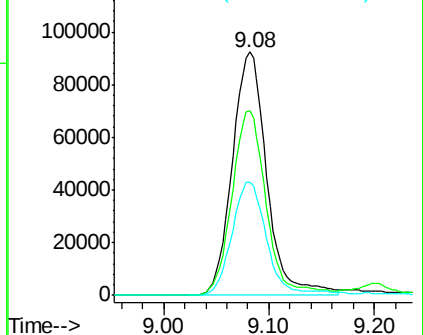
Tot Ion	83	Resp	209550
Ion Ratio	Lower	Upper	
83	100		
55	76.1	60.1	90.1
98	46.6	36.6	55.0



Abundance Ion 83.00 (82.70 to 83.70): VN053561.D (-2255) (-)

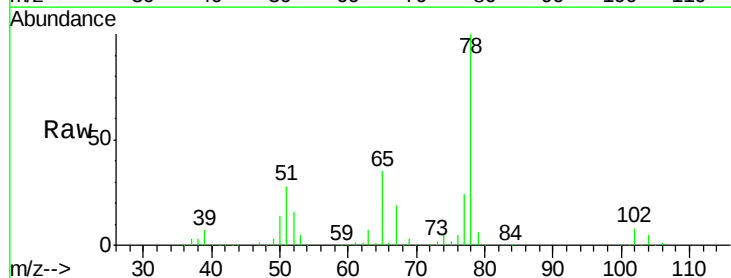
Ion 55.00 (54.70 to 55.70): VN053561.D (-2255) (-)

Ion 98.00 (97.70 to 98.70): VN053561.D (-2255) (-)



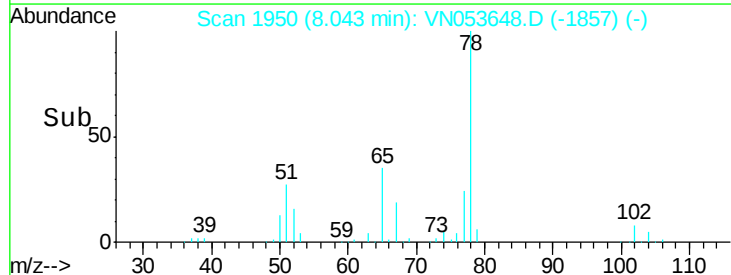
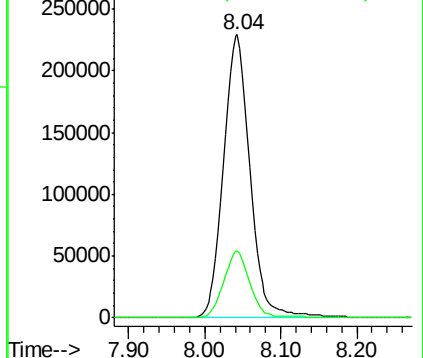
#40
Benzene
Concen: 19.379 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

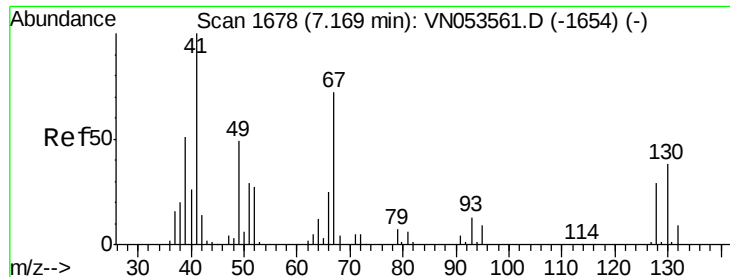
Tgt Ion	78	Resp	559867
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN053561.D (-1929) (-)

Ion 77.00 (76.70 to 77.70): VN053561.D (-1929) (-)





#41

Methacrylonitrile

Concen: 20.184 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.01 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion: 41 Resp: 59026

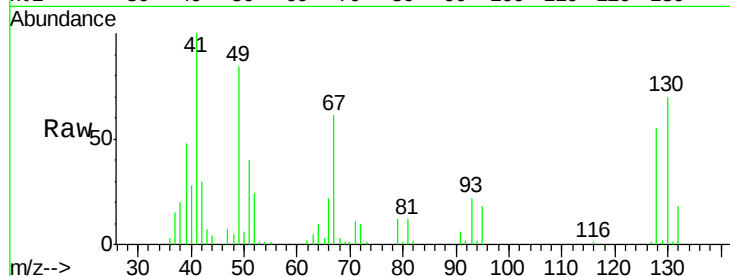
Ion Ratio Lower Upper

41 100

39 47.8 46.8 70.2

67 81.4 63.0 94.6

52 32.8 23.8 35.8

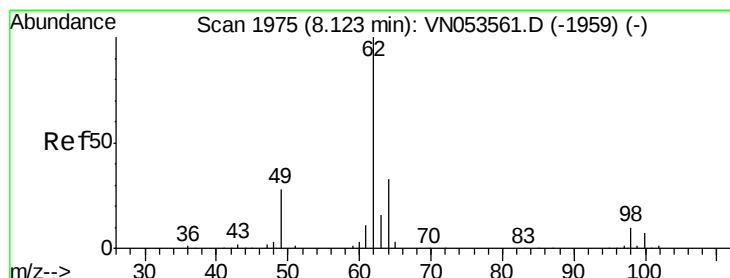
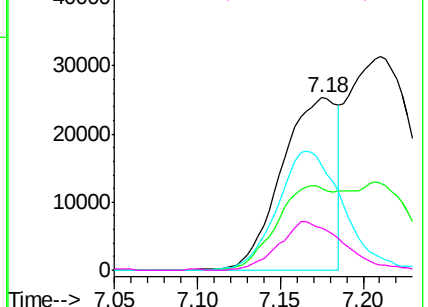
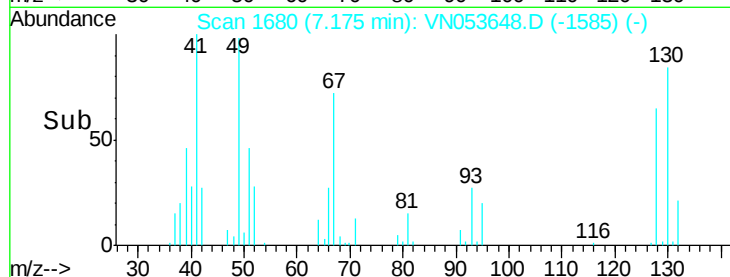


Abundance Ion 41.00 (40.70 to 41.70): VN053648.D (-1654) (-)

Ion 39.00 (38.70 to 39.70): VN053648.D (-1654) (-)

Ion 67.00 (66.70 to 67.70): VN053648.D (-1654) (-)

Ion 52.00 (51.70 to 52.70): VN053648.D (-1654) (-)



#42

1,2-Dichloroethane

Concen: 18.840 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053648.D

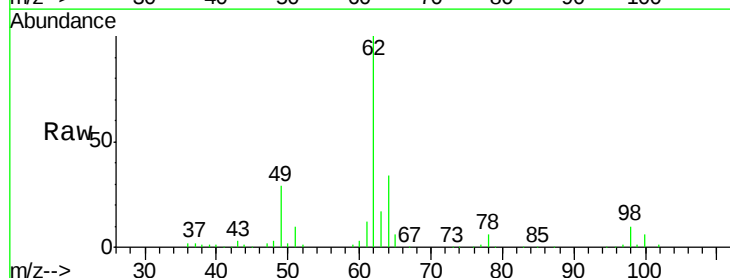
Acq: 7 Feb 2019 11:52

Tgt Ion: 62 Resp: 161612

Ion Ratio Lower Upper

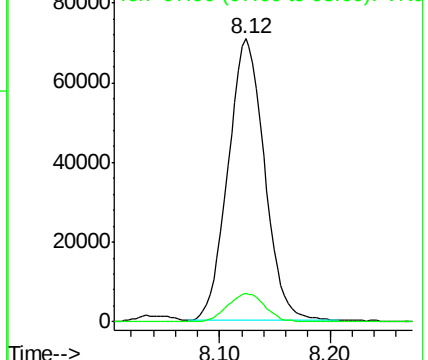
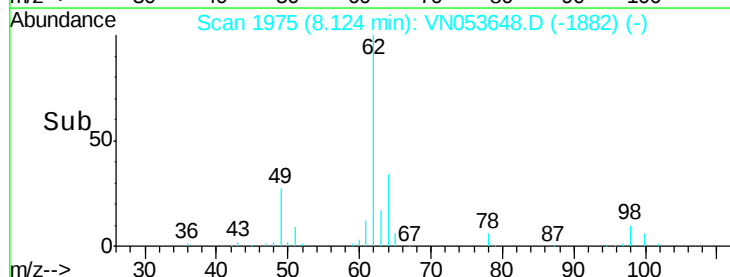
62 100

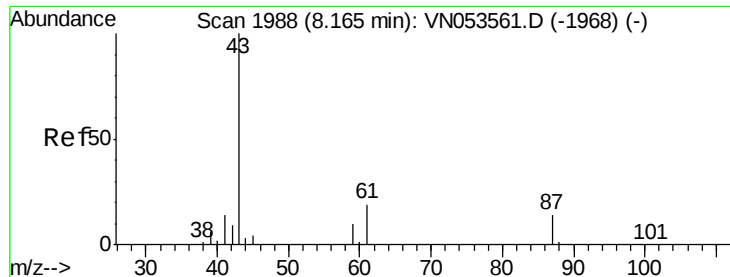
98 10.3 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN053648.D (-1882) (-)

Ion 97.90 (97.60 to 98.60): VN053648.D (-1882) (-)





#43

Isopropyl Acetate

Concen: 18.254 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

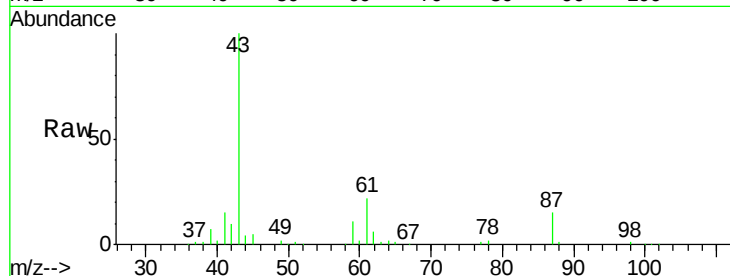
Tot Ion: 43 Resp: 184452

Ion Ratio Lower Upper

43 100

61 29.7 23.9 35.9

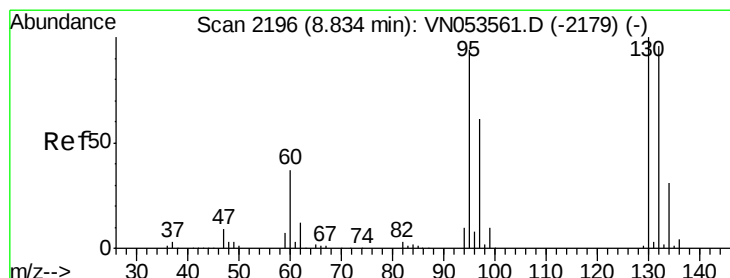
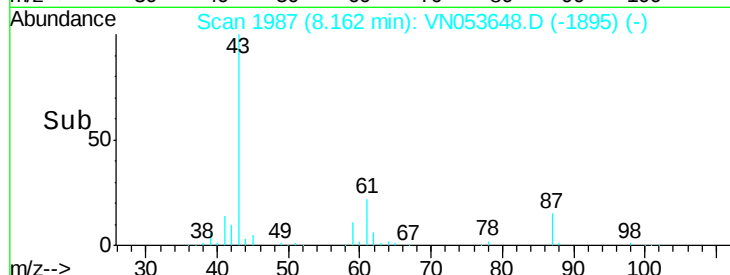
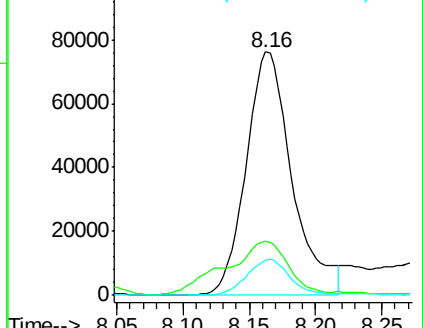
87 14.0 11.0 16.6



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) (-)



#44

Trichloroethene

Concen: 19.141 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN053648.D

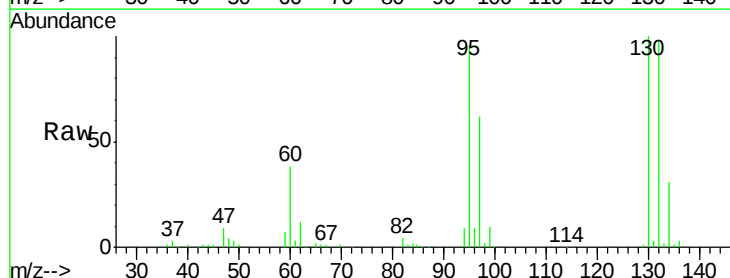
Acq: 7 Feb 2019 11:52

Tgt Ion:130 Resp: 157432

Ion Ratio Lower Upper

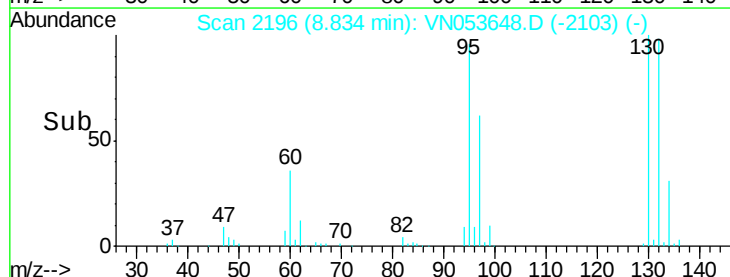
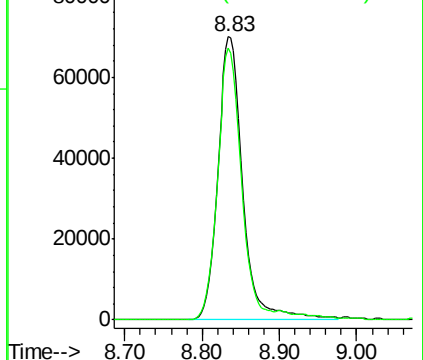
130 100

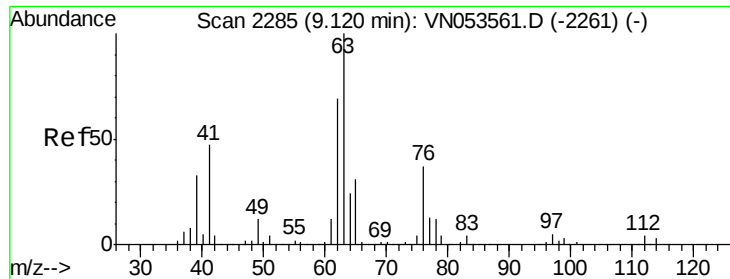
95 96.1 0.0 191.4



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

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





#45

1,2-Dichloropropane

Concen: 19.697 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053648.D

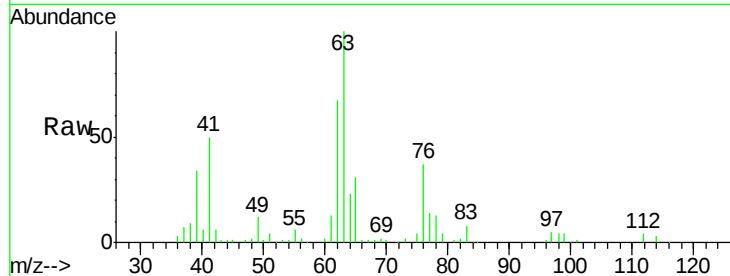
Acq: 7 Feb 2019 11:52

Tot Ion: 63 Resp: 145547

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

80000

60000

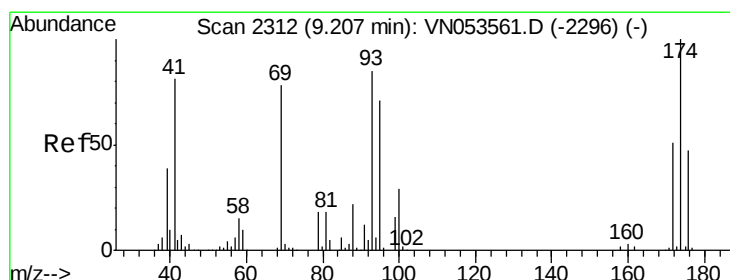
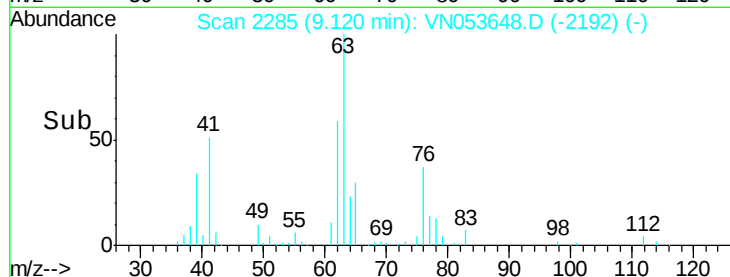
40000

20000

0

9.00 9.10 9.20 9.30

Time-->



#46

Dibromomethane

Concen: 19.561 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

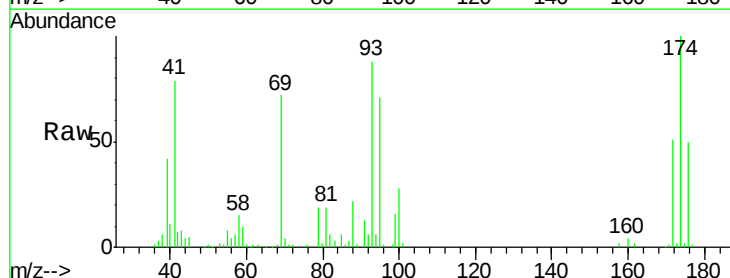
Tgt Ion: 93 Resp: 87133

Ion Ratio Lower Upper

93 100

95 82.0 67.3 100.9

174 115.7 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

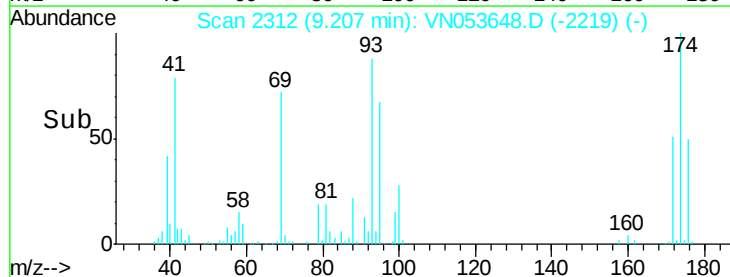
20000

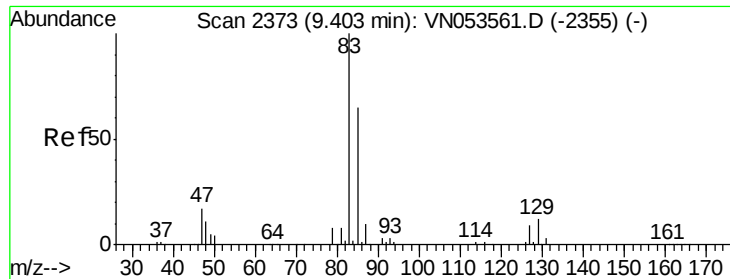
10000

0

9.10 9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 19.784 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

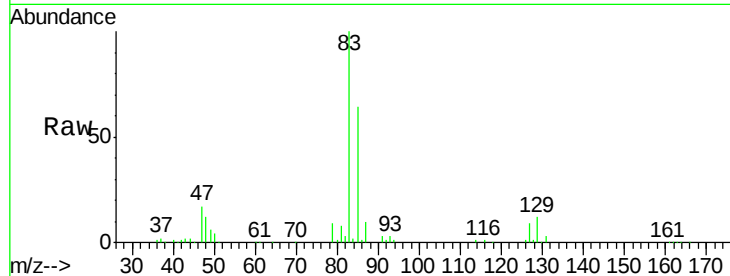
Tot Ion: 83 Resp: 183228

Ion Ratio Lower Upper

83 100

85 64.2 51.0 76.6

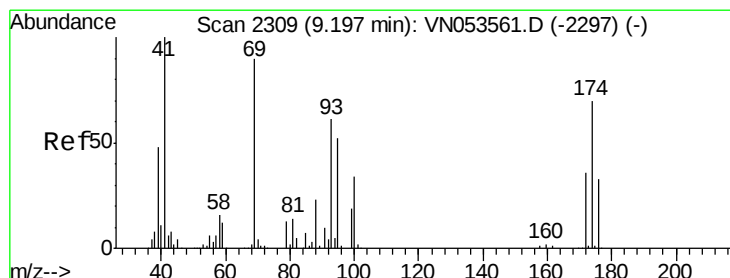
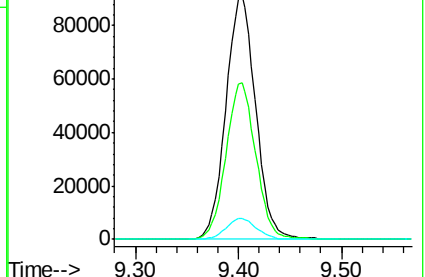
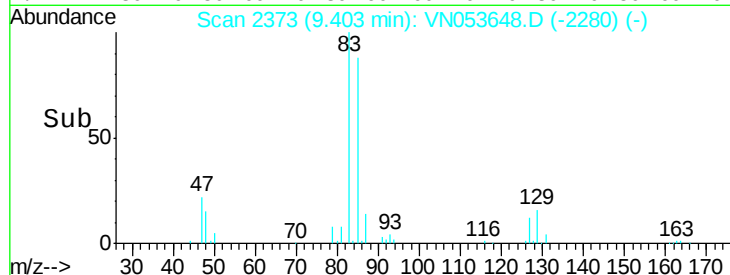
127 8.6 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053648.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053648.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053648.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.867 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

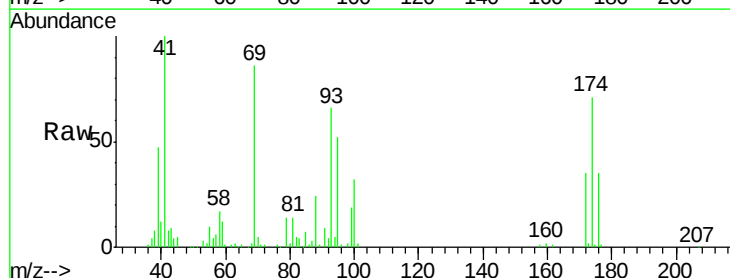
Tgt Ion: 41 Resp: 86182

Ion Ratio Lower Upper

41 100

69 100.4 73.8 110.6

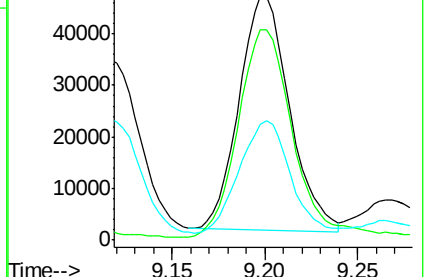
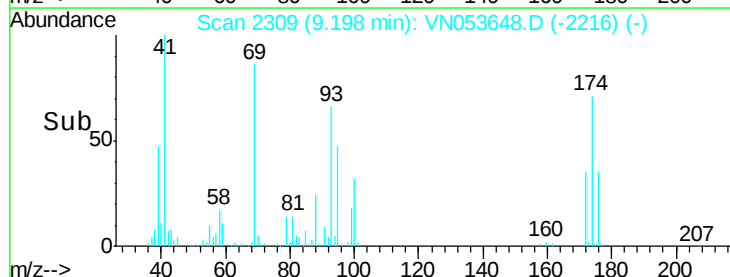
39 54.4 40.0 60.0

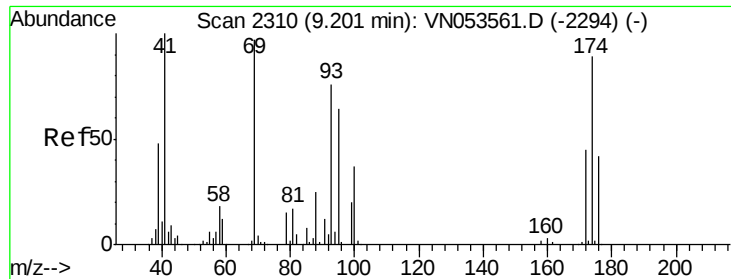


Abundance Ion 41.00 (40.70 to 41.70): VN053648.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN053648.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN053648.D (-2216) (-)





#49

1,4-Dioxane

Concen: 391.239 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

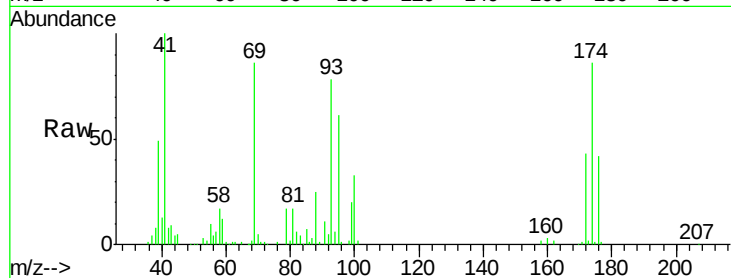
Tot Ion: 88 Resp: 25613

Ion Ratio Lower Upper

88 100

43 30.1 27.8 41.6

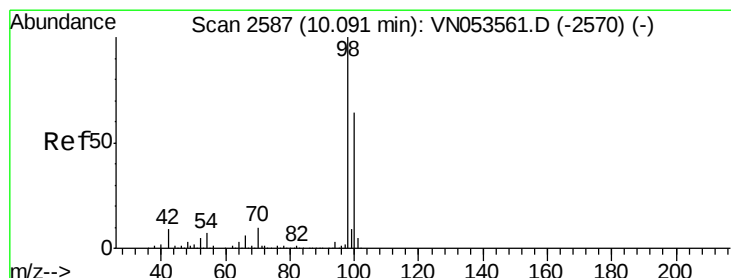
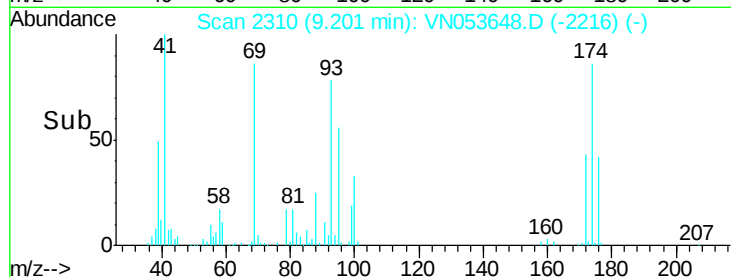
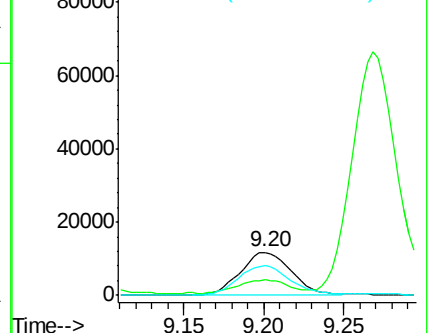
58 71.4 56.5 84.7



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: 391.239 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053648.D

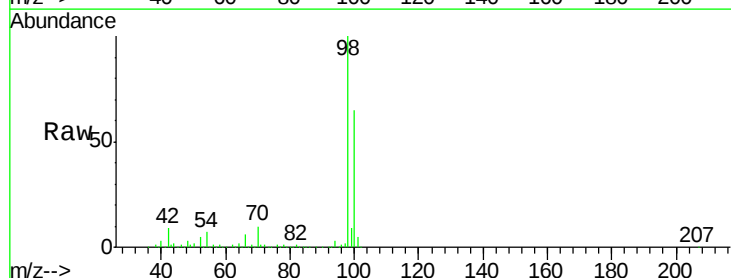
Acq: 7 Feb 2019 11:52

Tgt Ion: 98 Resp: 1234434

Ion Ratio Lower Upper

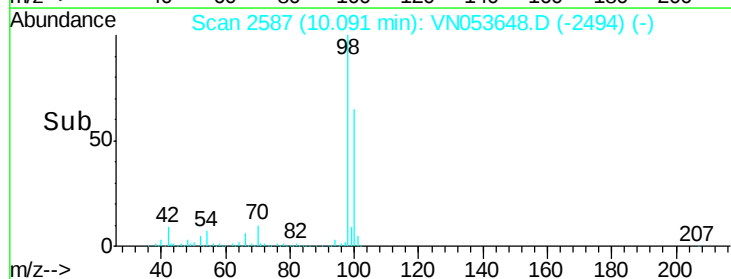
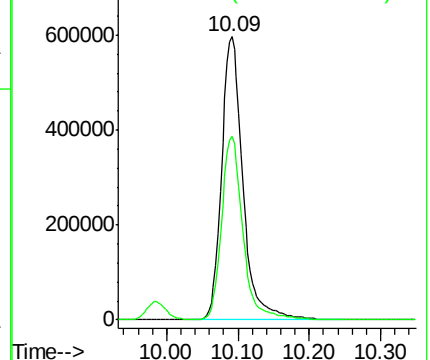
98 100

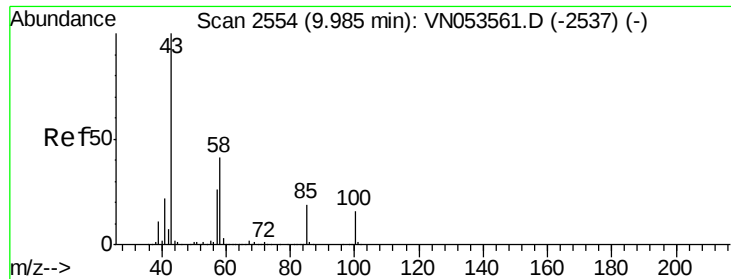
100 65.0 51.4 77.0



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: 97.365 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053648.D

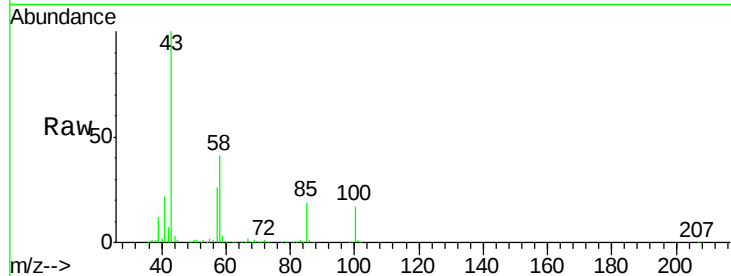
Acq: 7 Feb 2019 11:52

Tot Ion: 43 Resp: 483465

Ion Ratio Lower Upper

43 100

58 40.8 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-2537) (-)

9.99

250000

200000

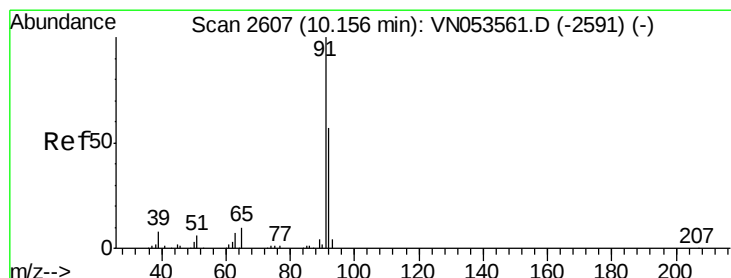
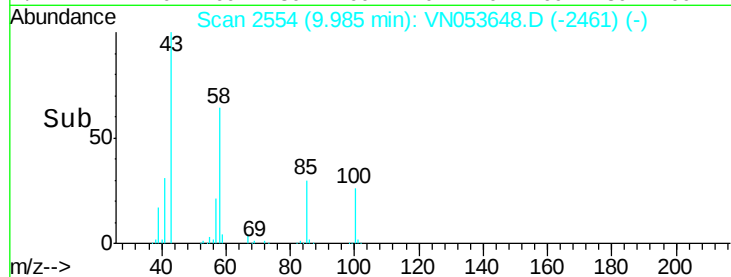
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.900 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053648.D

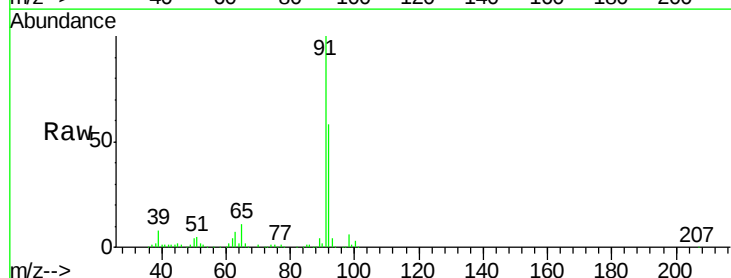
Acq: 7 Feb 2019 11:52

Tgt Ion: 92 Resp: 341209

Ion Ratio Lower Upper

92 100

91 172.4 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN053561.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN053561.D (-2591) (-)

10.16

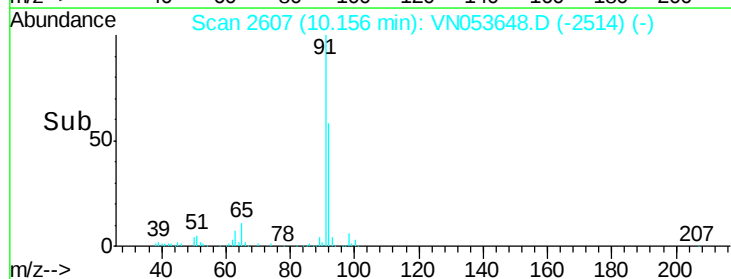
300000

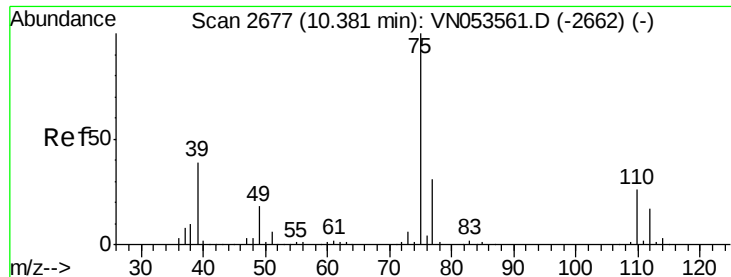
200000

100000

0

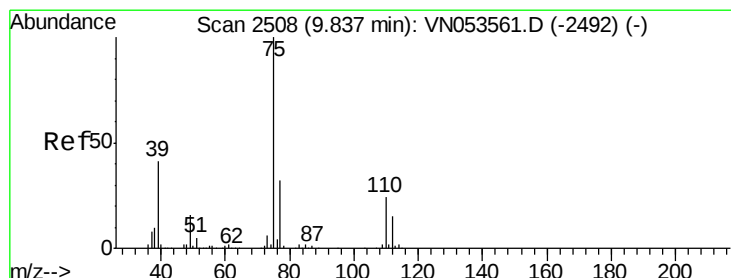
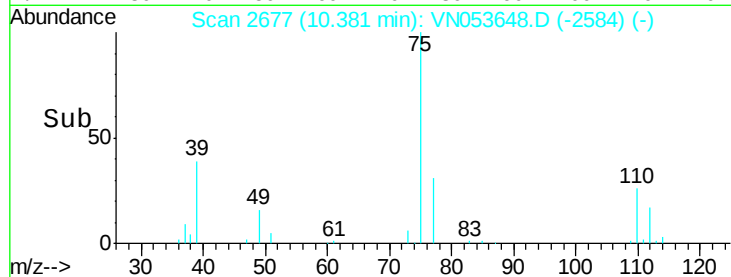
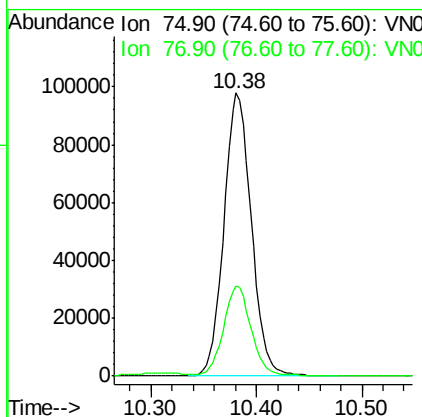
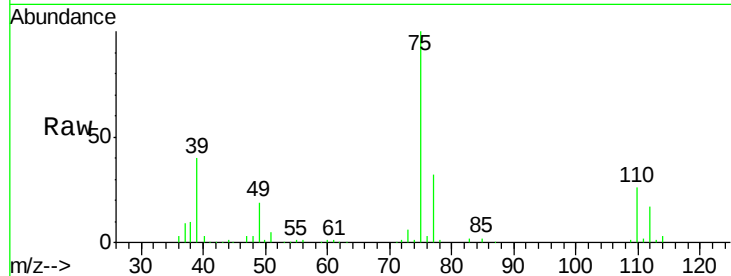
Time-->





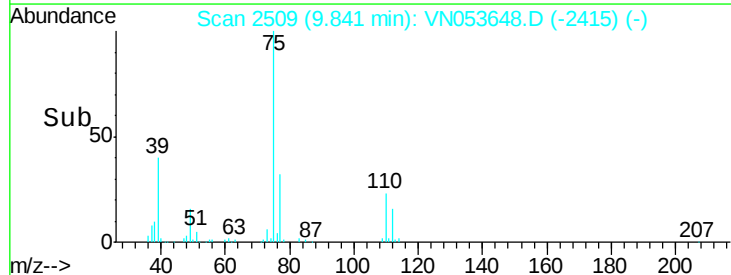
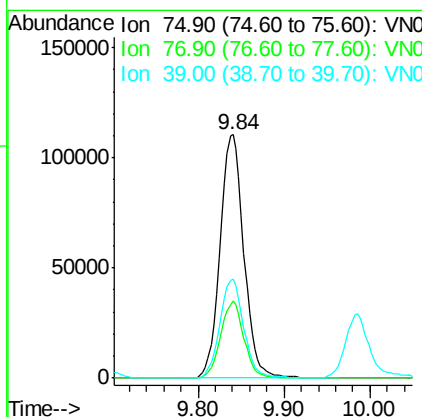
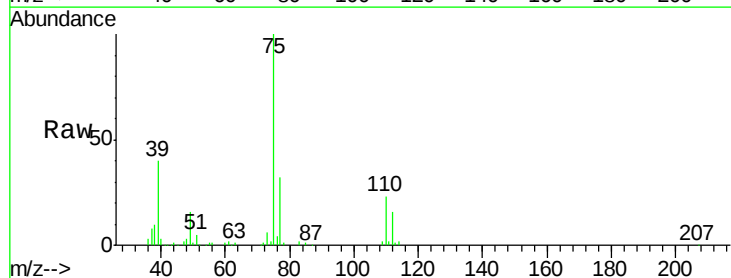
#53
 t-1,3-Dichloropropene
 Concen: 18.951 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

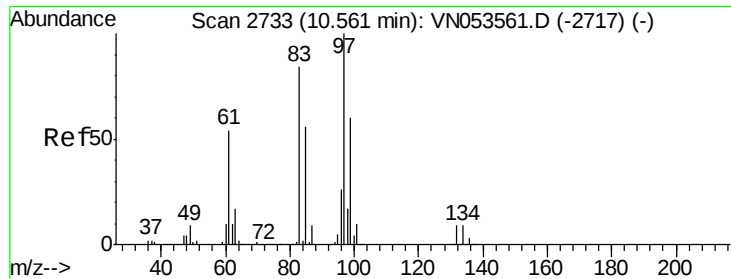
Tot Ion: 75 Resp: 175747
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.288 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

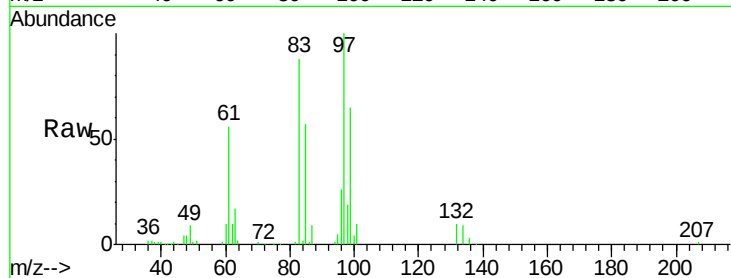
Tgt Ion: 75 Resp: 211966
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6
 39 40.4 33.4 50.0





#55
 1,1,2-Trichloroethane
 Concen: 19.810 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

Tot Ion:	97	Resp:	122394
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.1	105.1
85	56.6	45.4	68.0
99	64.6	49.8	74.8

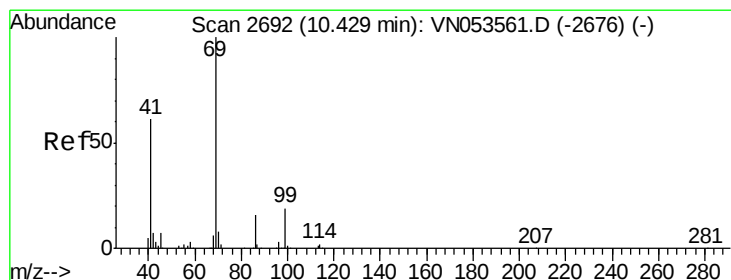
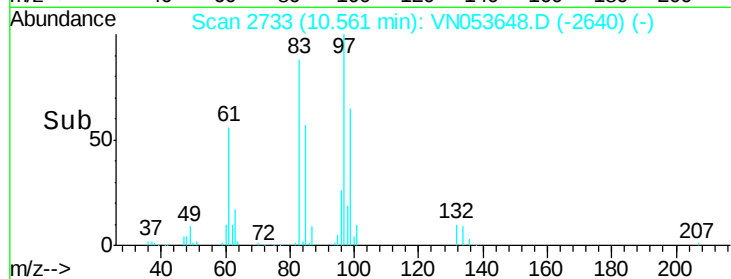
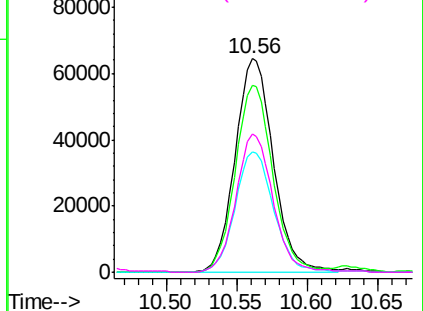


Abundance Ion 96.90 (96.60 to 97.60): VN053648.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN053648.D (-2640) (-)

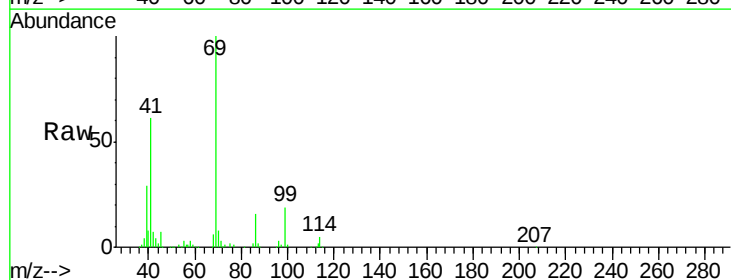
Ion 84.90 (84.60 to 85.60): VN053648.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN053648.D (-2640) (-)



#56
 Ethyl methacrylate
 Concen: 19.208 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

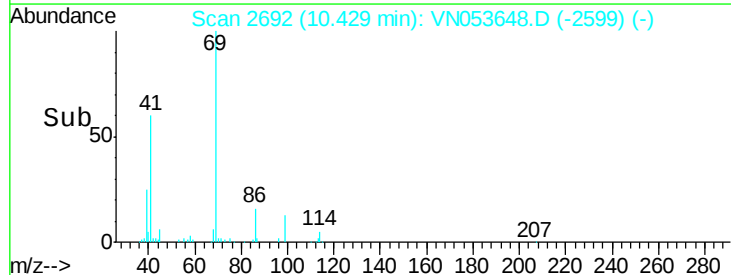
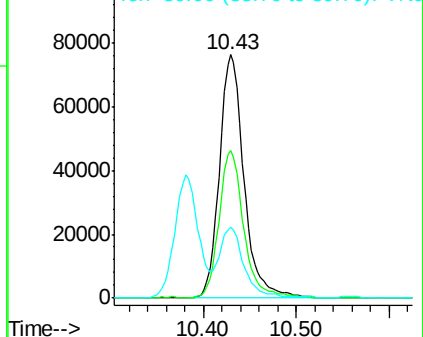
Tgt Ion:	69	Resp:	140393
Ion	Ratio	Lower	Upper
69	100		
41	60.0	49.4	74.0
39	27.5	23.3	34.9

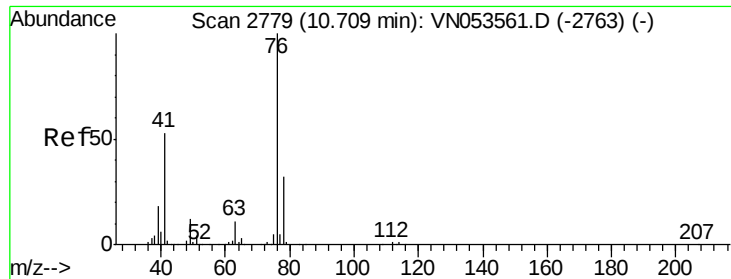


Abundance Ion 69.00 (68.70 to 69.70): VN053648.D (-2599) (-)

Ion 41.00 (40.70 to 41.70): VN053648.D (-2599) (-)

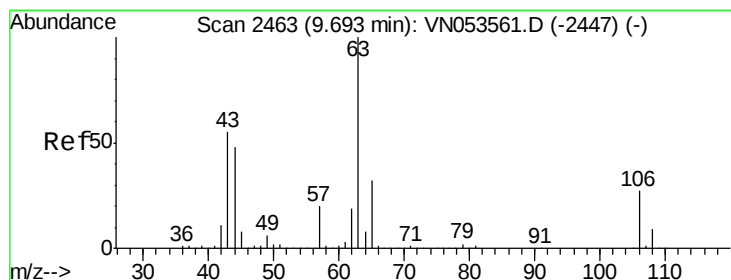
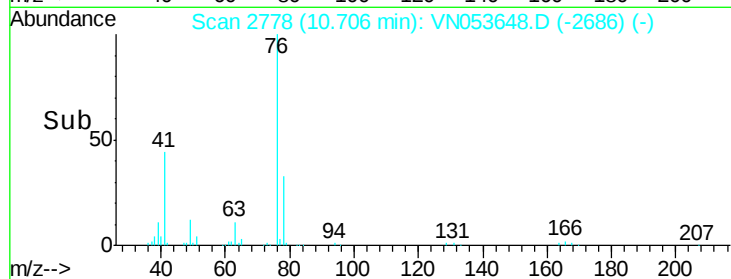
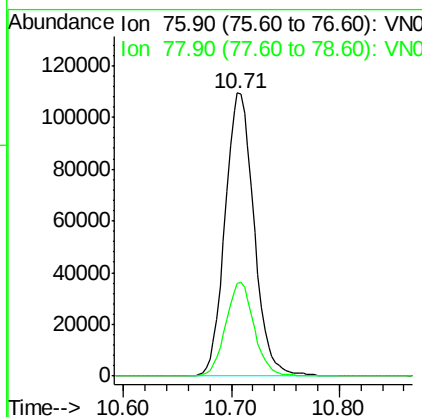
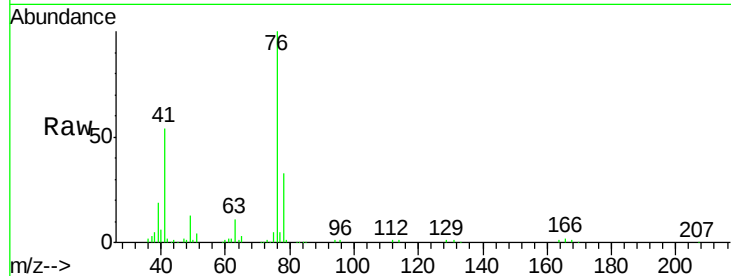
Ion 39.00 (38.70 to 39.70): VN053648.D (-2599) (-)





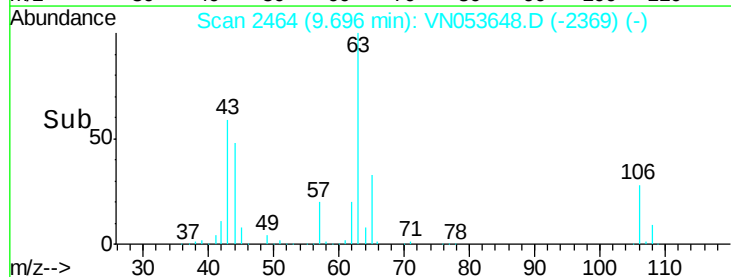
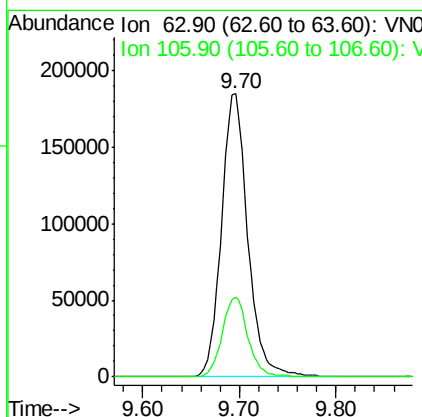
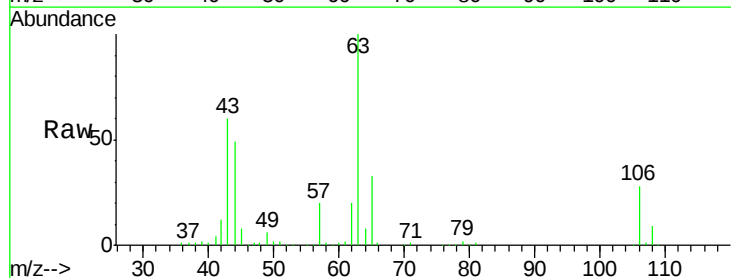
#57
 1,3-Dichloropropane
 Concen: 19.387 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

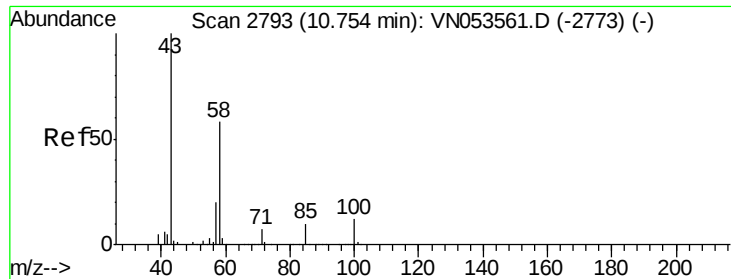
Tot Ion: 76 Resp: 204711
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.507 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

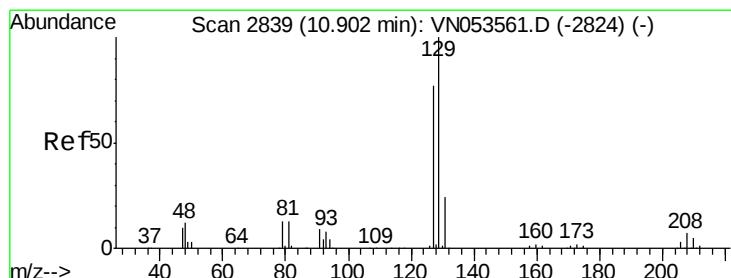
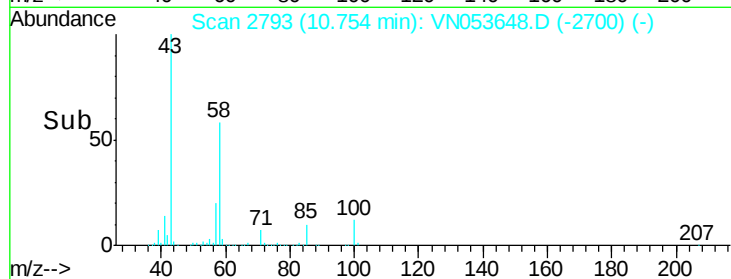
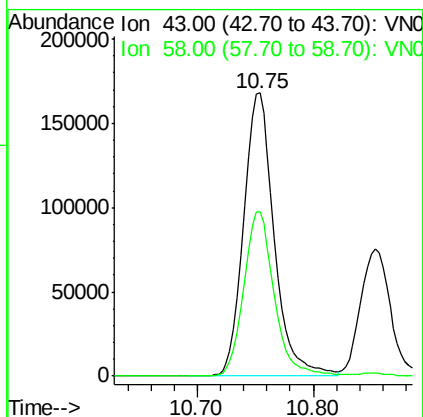
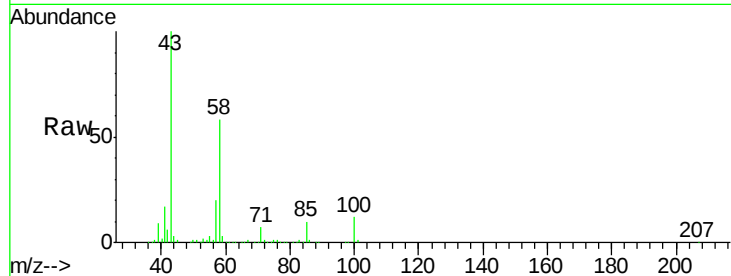
Tgt Ion: 63 Resp: 348871
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.5 32.3





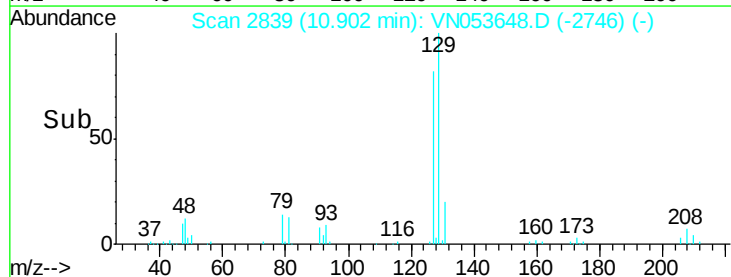
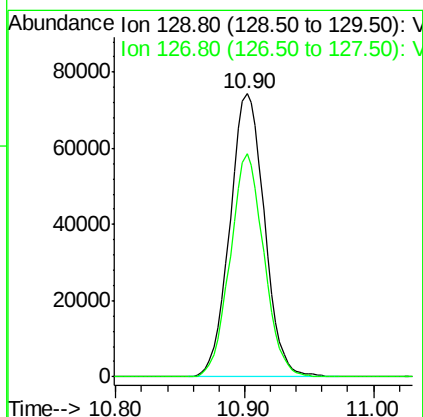
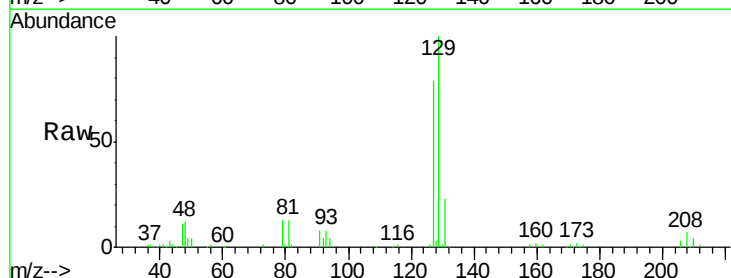
#59
2-Hexanone
Concen: 90.984 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

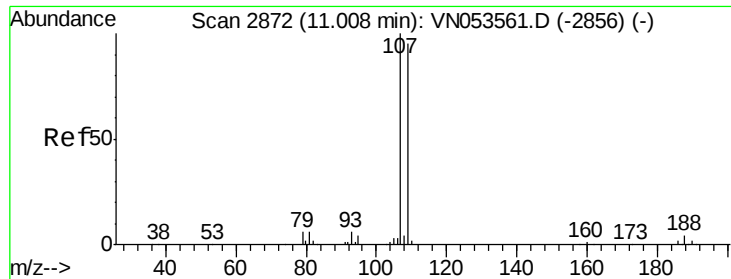
Tot Ion: 43 Resp: 306699
Ion Ratio Lower Upper
43 100
58 58.3 28.6 85.8



#60
Dibromochloromethane
Concen: 19.870 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

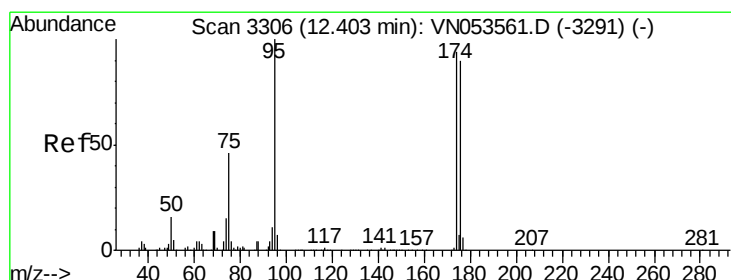
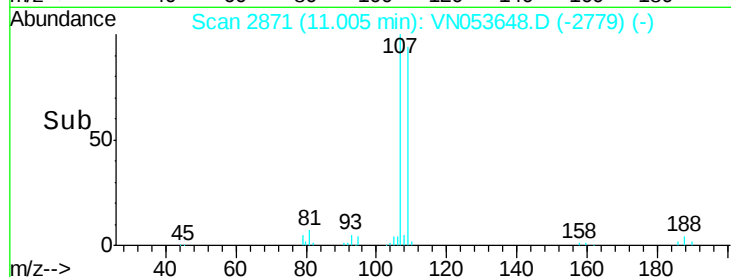
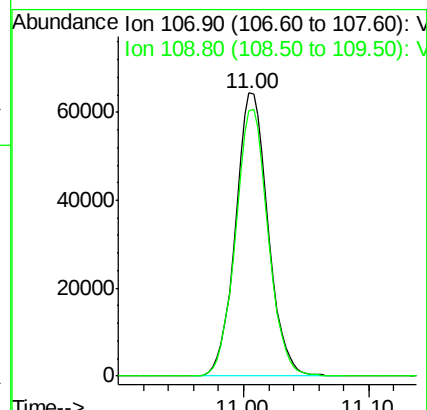
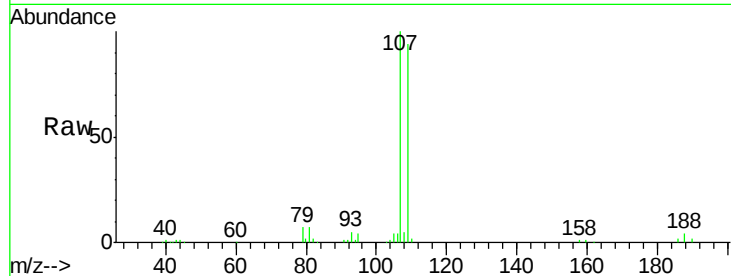
Tgt Ion: 129 Resp: 138439
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





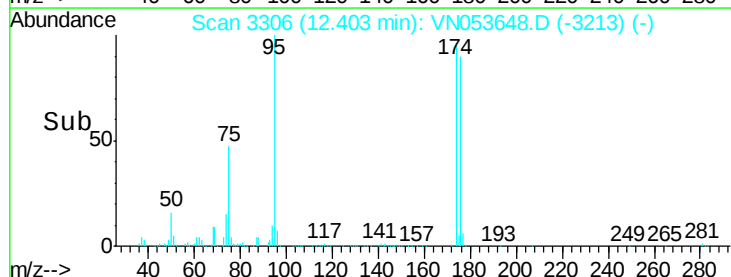
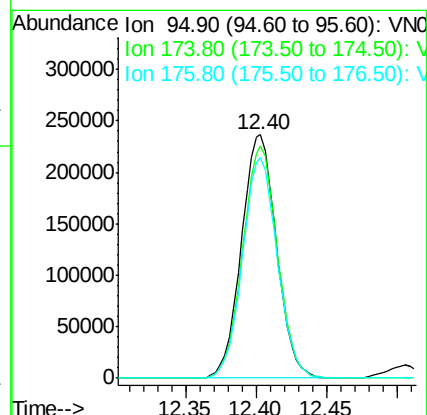
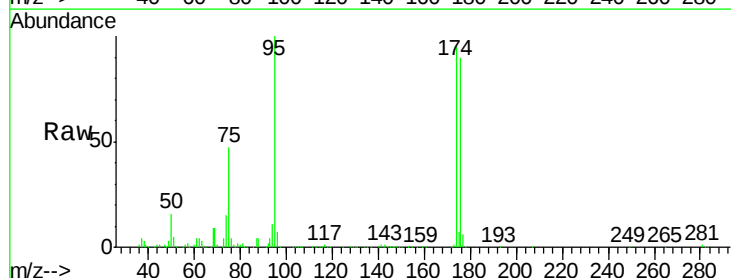
#61
 1,2-Dibromoethane
 Concen: 18.963 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

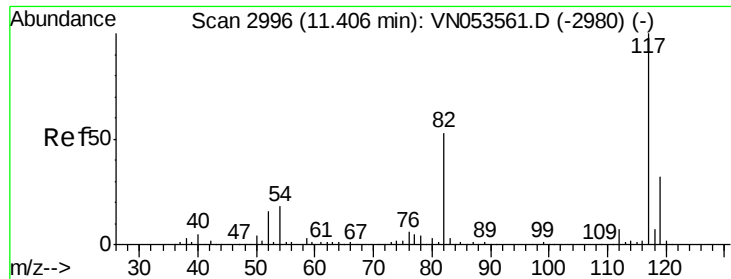
Tot Ion:107 Resp: 115963
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 18.963 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

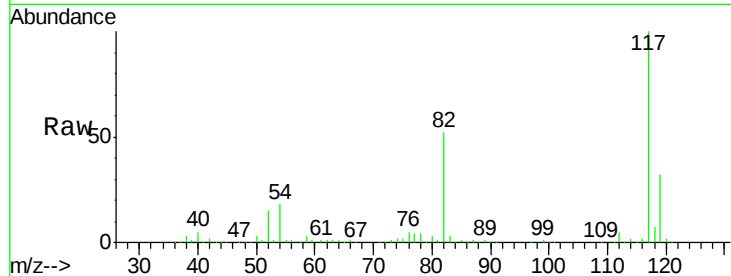
Tgt Ion: 95 Resp: 412123
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 183.2
 176 89.7 0.0 177.4



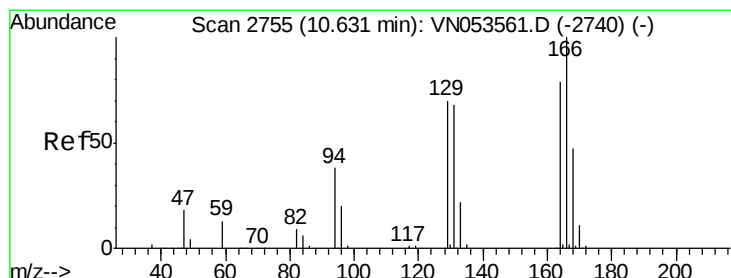
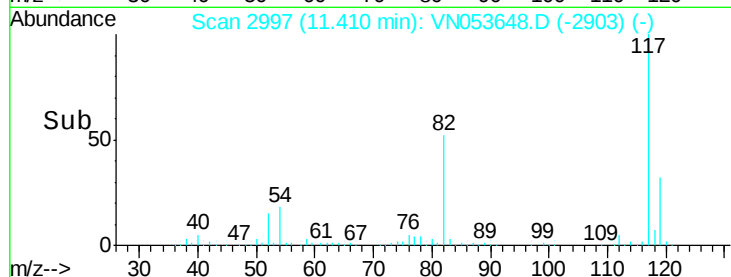
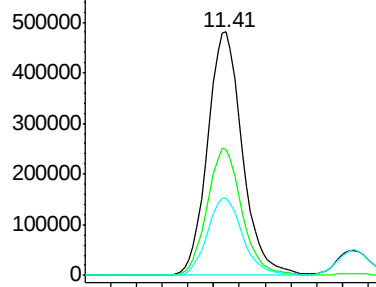


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tot Ion:117 Resp: 902262
Ion Ratio Lower Upper
117 100
82 51.9 42.9 64.3
119 31.9 26.0 39.0

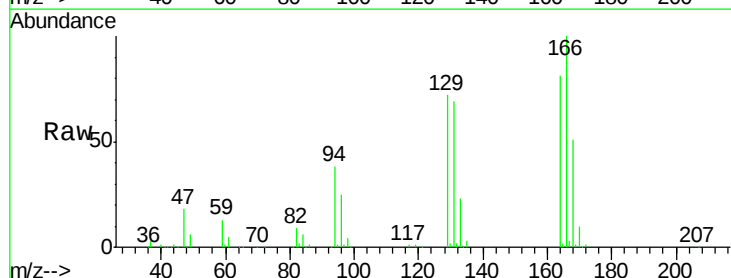


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

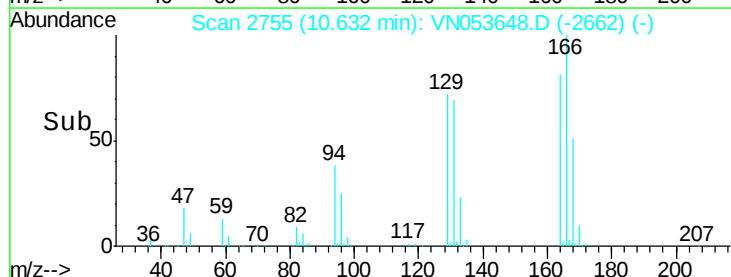
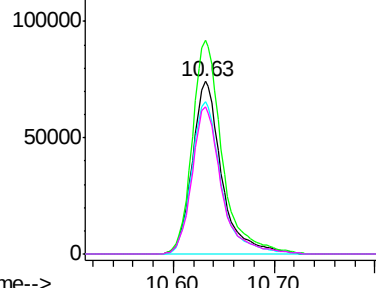


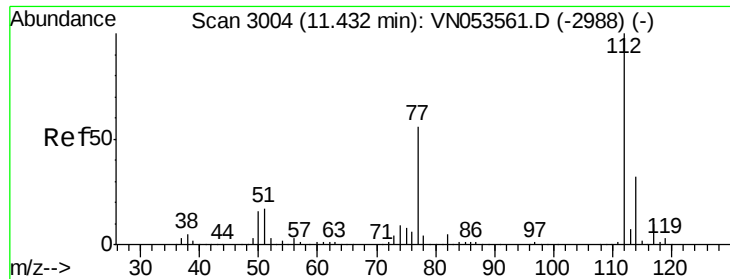
#64
Tetrachloroethene
Concen: 19.548 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tgt Ion:164 Resp: 151192
Ion Ratio Lower Upper
164 100
166 123.7 102.2 153.4
129 88.5 72.6 109.0
131 85.3 69.5 104.3



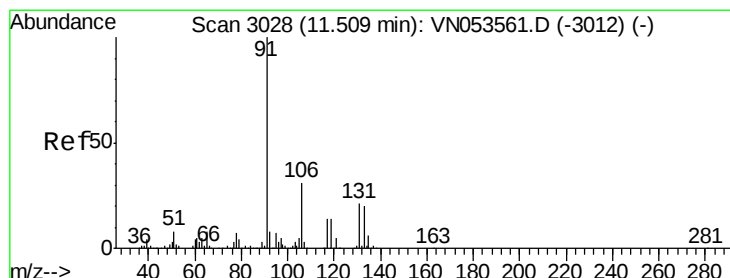
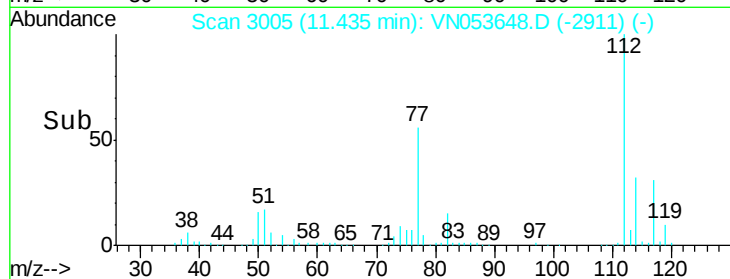
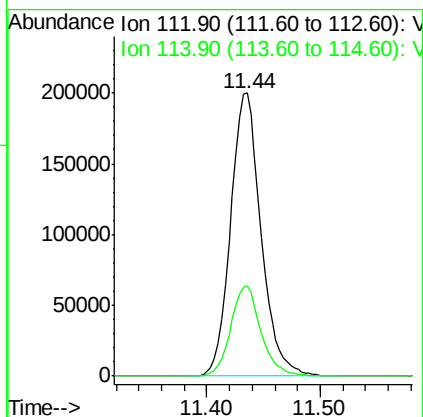
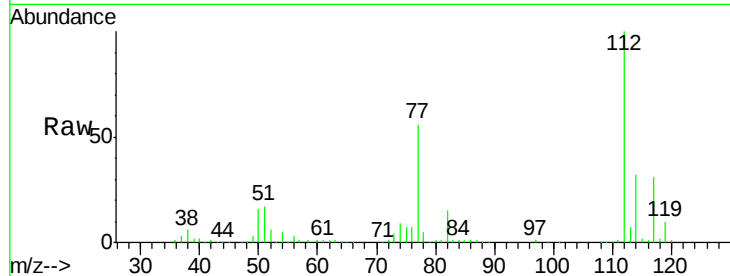
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





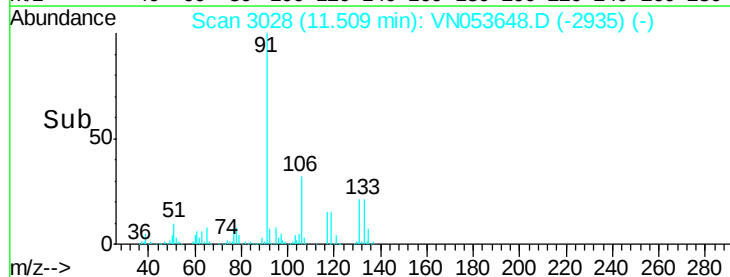
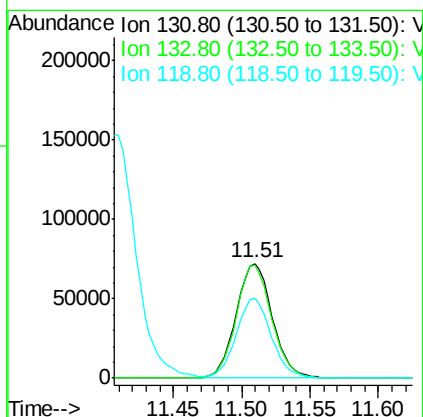
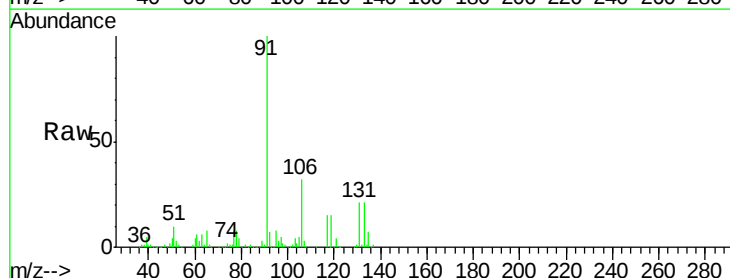
#65
Chlorobenzene
Concen: 19.546 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

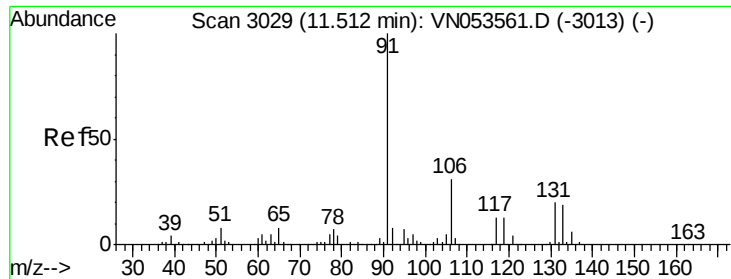
Tot Ion:112 Resp: 374604
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.906 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

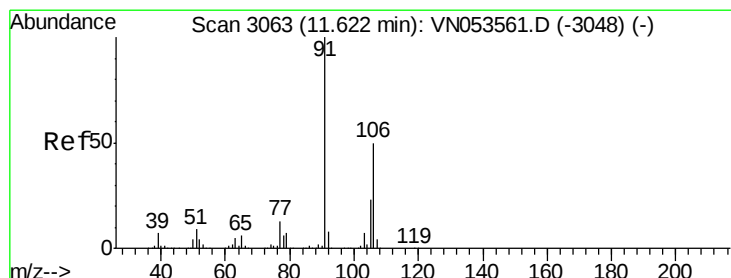
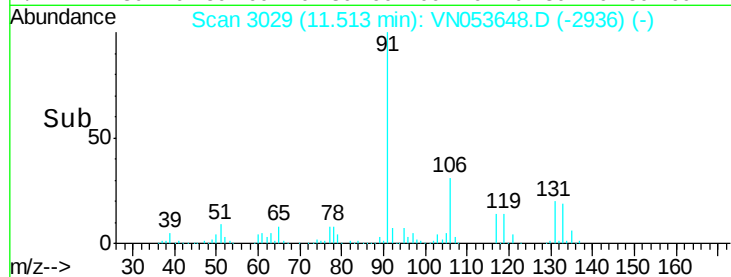
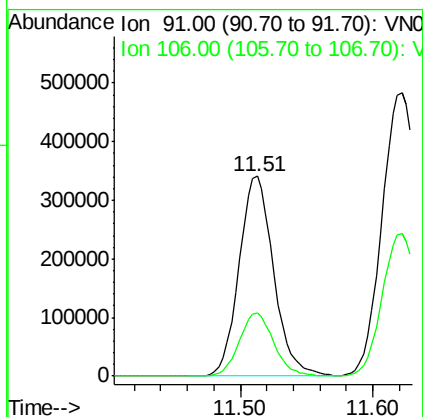
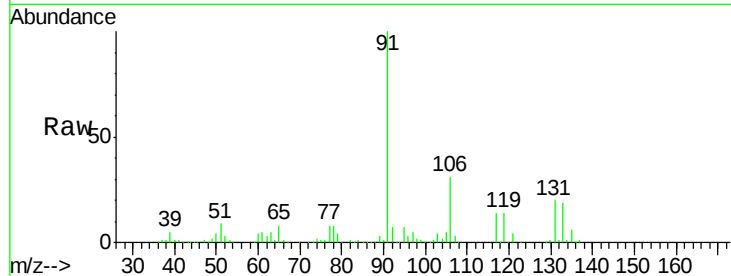
Tgt Ion:131 Resp: 133235
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 67.7 33.5 100.5





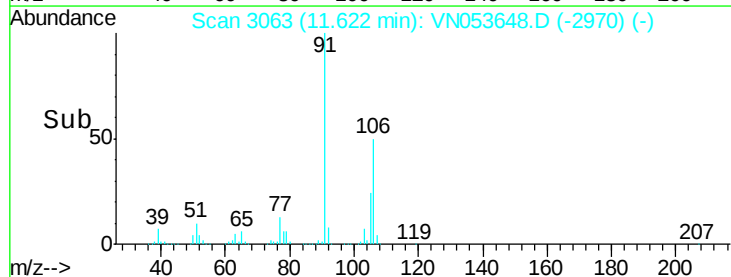
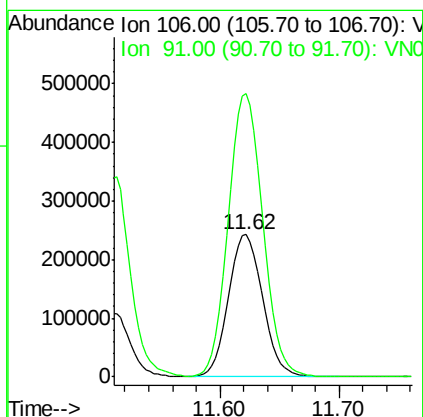
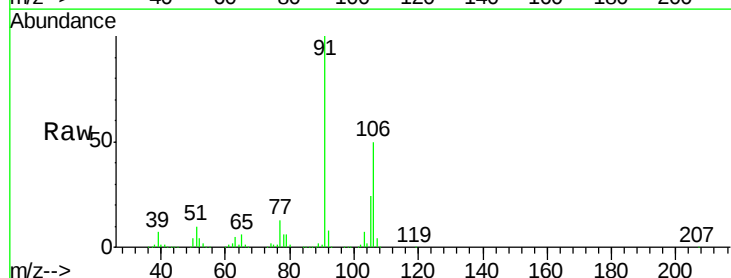
#67
Ethyl Benzene
Concen: 19.631 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

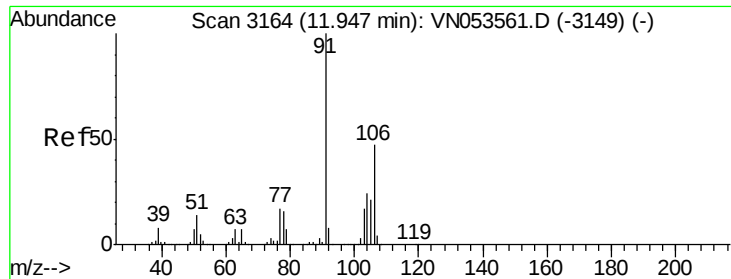
Tot Ion: 91 Resp: 618014
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 40.359 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

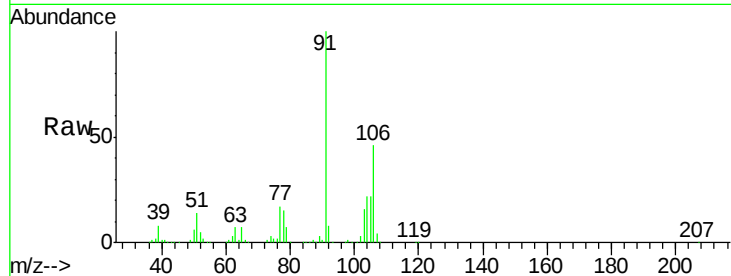
Tgt Ion: 106 Resp: 484942
Ion Ratio Lower Upper
106 100
91 200.8 161.4 242.2



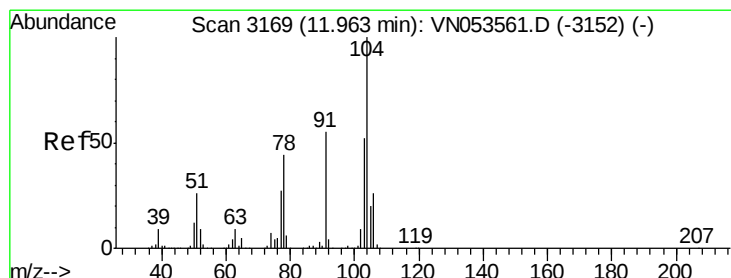
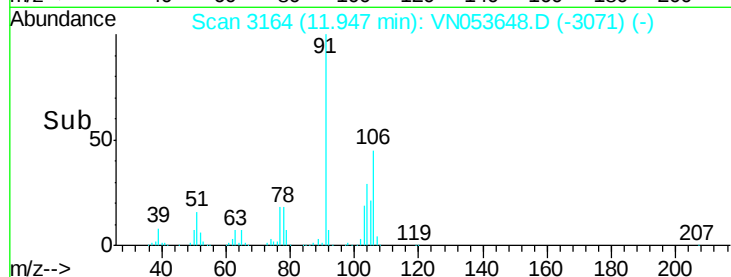
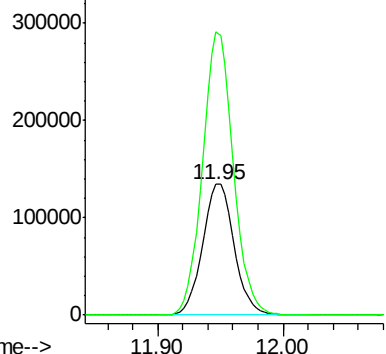


#69
o-Xylene
Concen: 20.190 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tot Ion:106 Resp: 234375
Ion Ratio Lower Upper
106 100
91 210.4 106.9 320.8

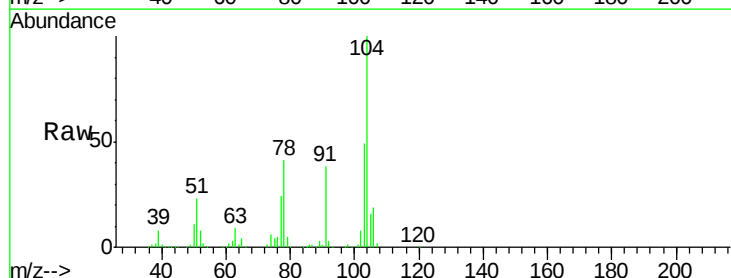


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

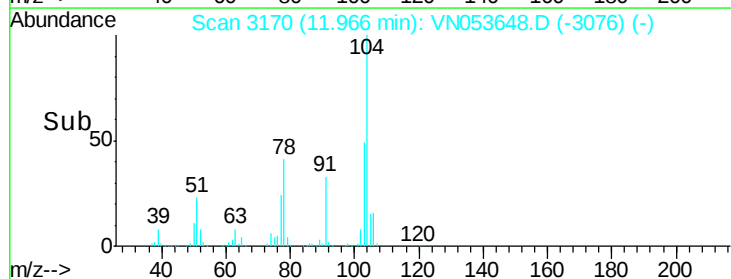
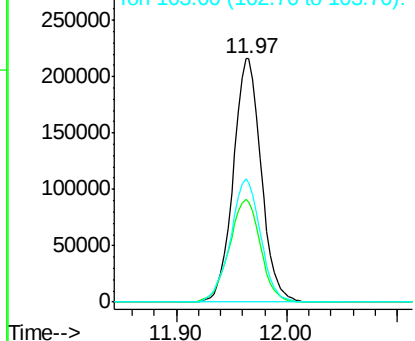


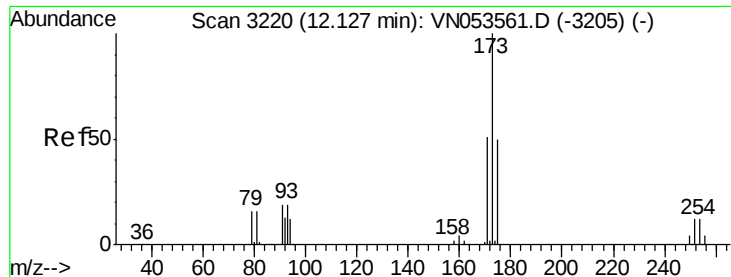
#70
Styrene
Concen: 20.125 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tgt Ion:104 Resp: 378646
Ion Ratio Lower Upper
104 100
78 47.2 38.2 57.2
103 54.6 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.262 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

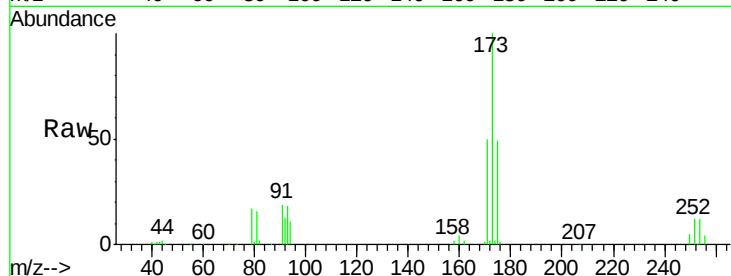
Tot Ion:173 Resp: 92977

Ion Ratio Lower Upper

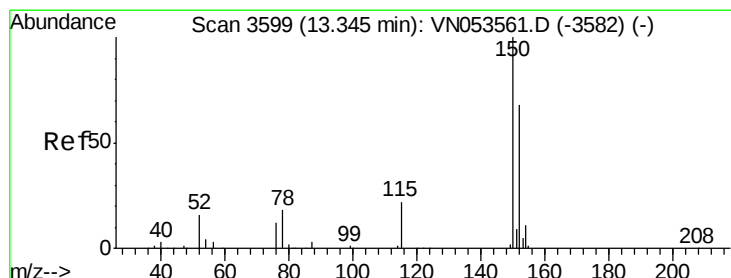
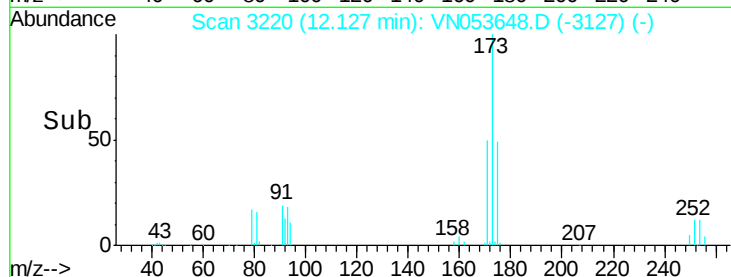
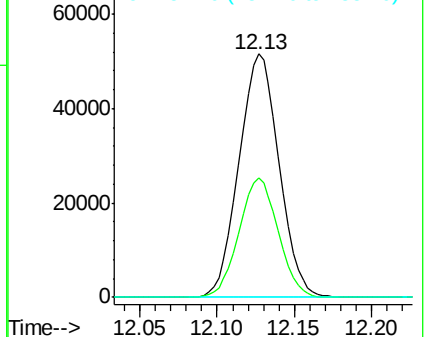
173 100

175 47.8 24.6 74.0

254 0.0 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: VN053648.D

Acq: 7 Feb 2019 11:52

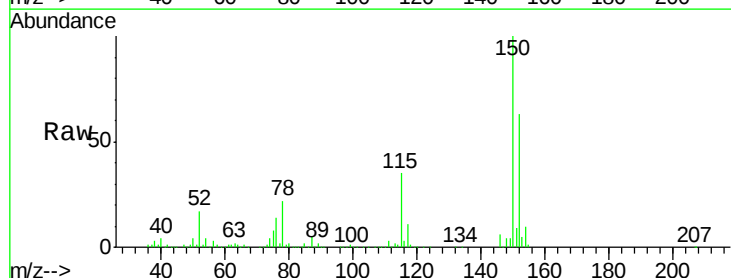
Tgt Ion:152 Resp: 433557

Ion Ratio Lower Upper

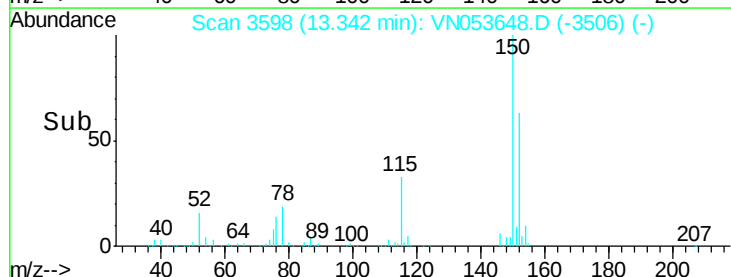
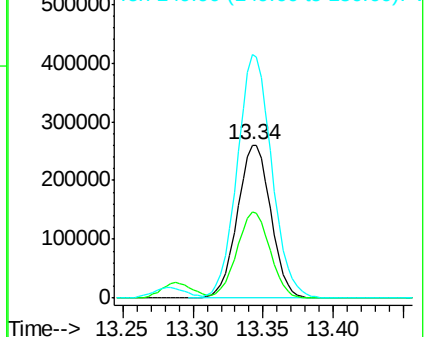
152 100

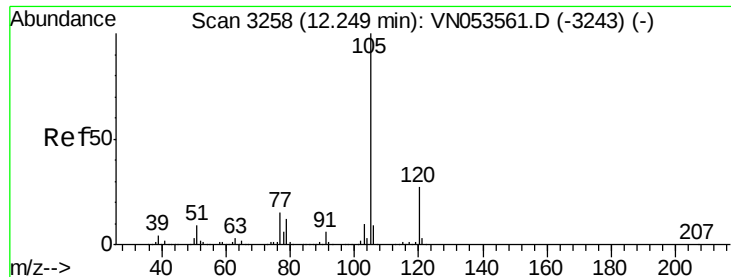
115 55.9 27.8 83.4

150 164.1 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: 20.440 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053648.D

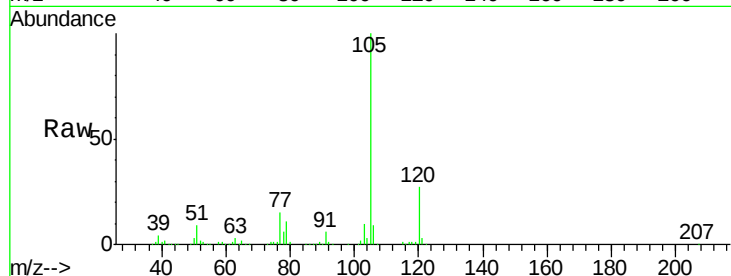
Acq: 7 Feb 2019 11:52

Tot Ion: 105 Resp: 622981

Ion Ratio Lower Upper

105 100

120 27.0 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

400000

300000

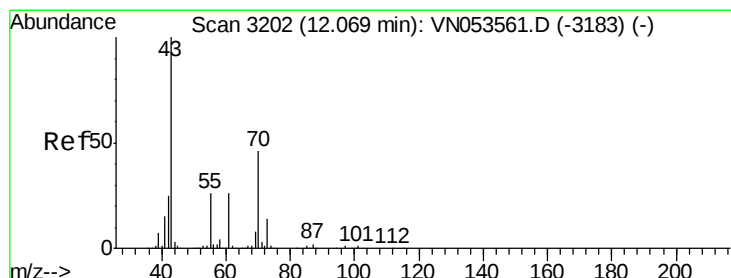
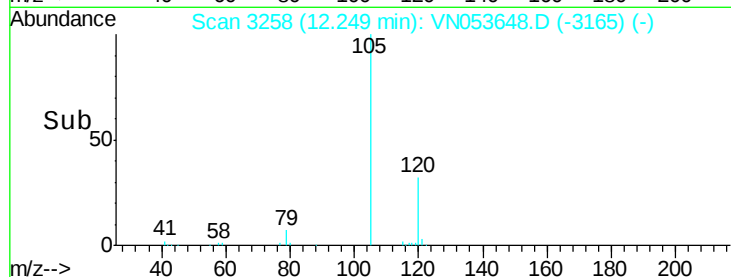
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 19.264 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tgt Ion: 43 Resp: 141187

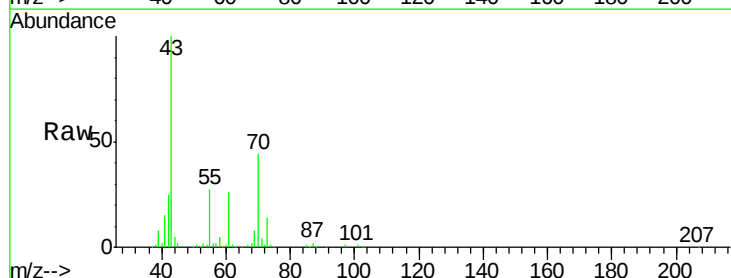
Ion Ratio Lower Upper

43 100

70 44.8 35.4 53.2

55 27.1 20.9 31.3

61 25.8 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

12.07

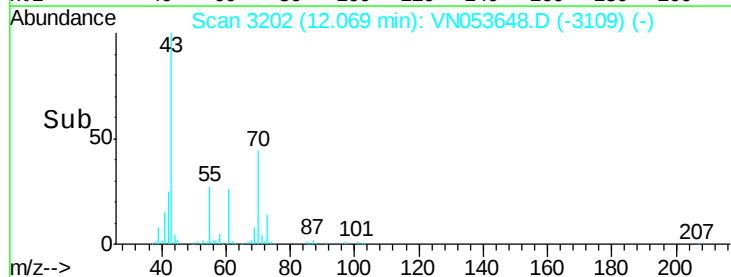
100000

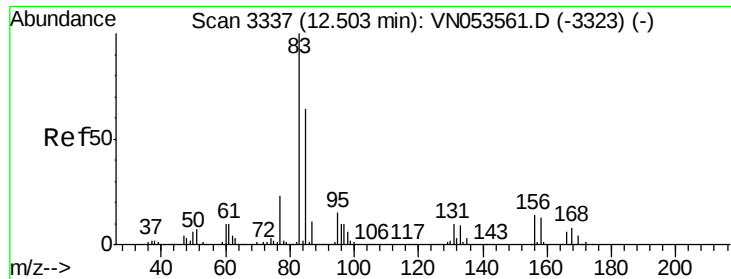
50000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 19.221 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

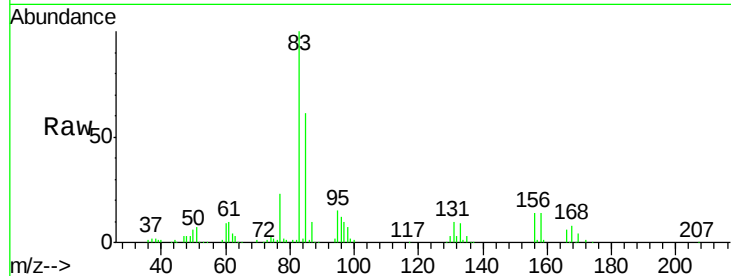
Tot Ion: 83 Resp: 140205

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	63.2	32.1	96.3

83 100

131 10.3 5.3 15.8

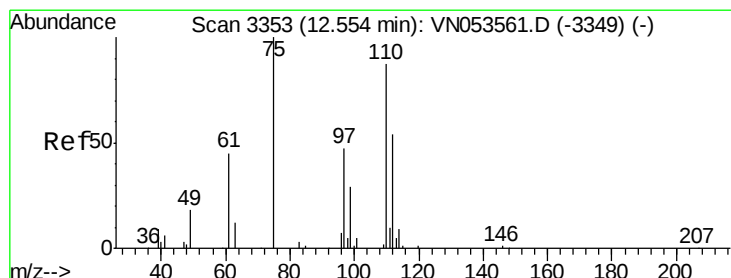
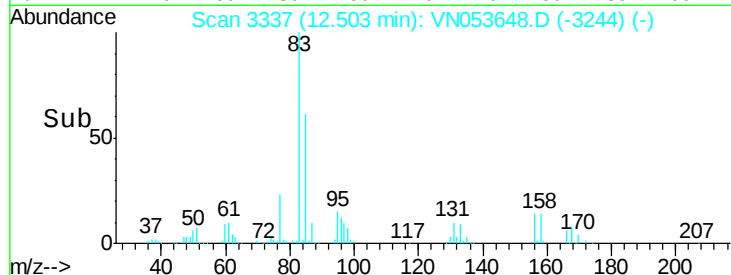
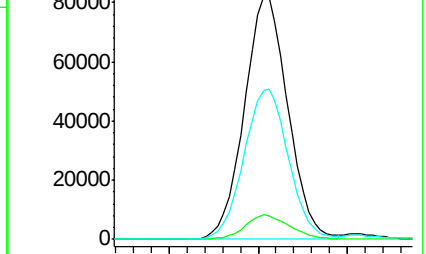
85 63.2 32.1 96.3



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: 30.262 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053648.D

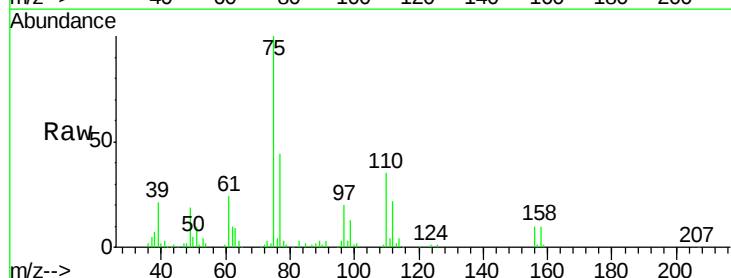
Acq: 7 Feb 2019 11:52

Tgt Ion: 75 Resp: 168523

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

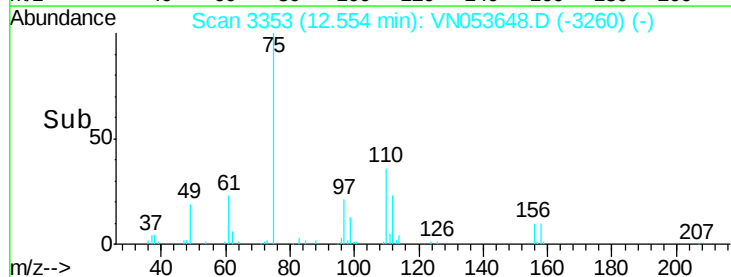
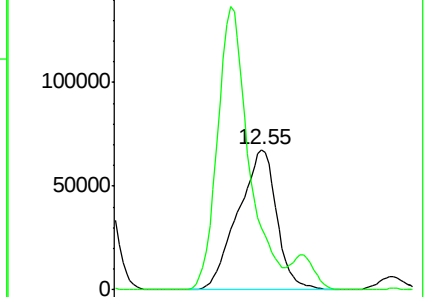
75 100

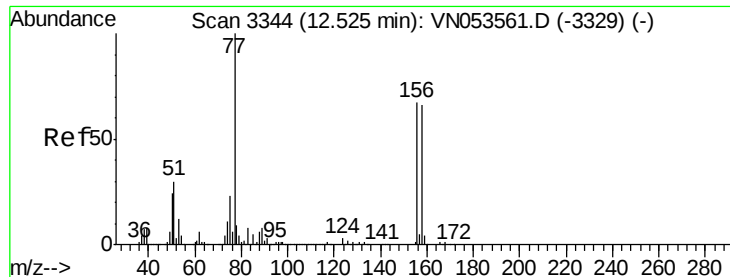
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.792 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

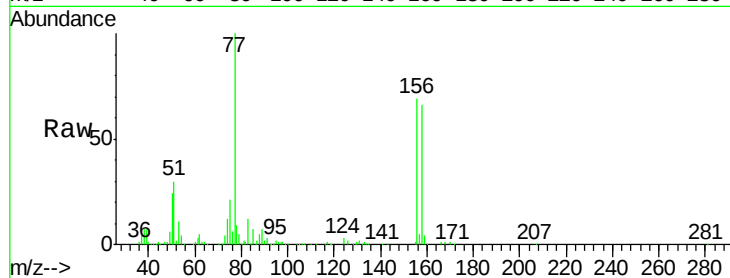
Tot Ion:156 Resp: 162574

Ion Ratio Lower Upper

156 100

77 170.3 87.9 263.8

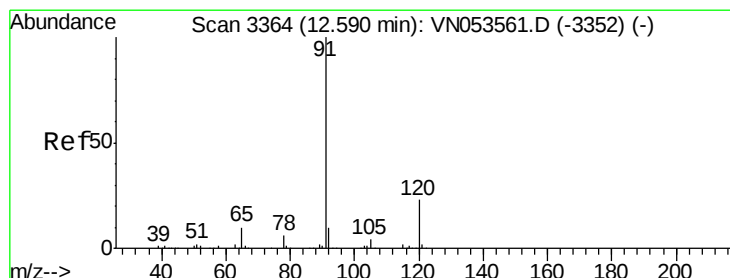
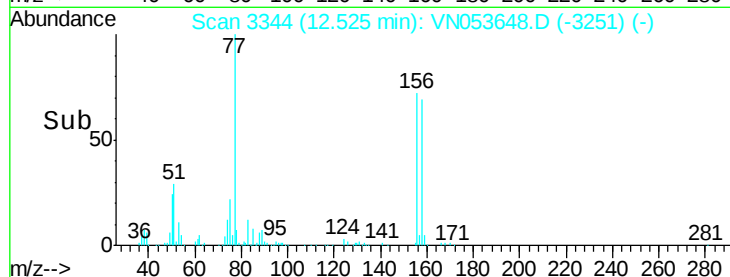
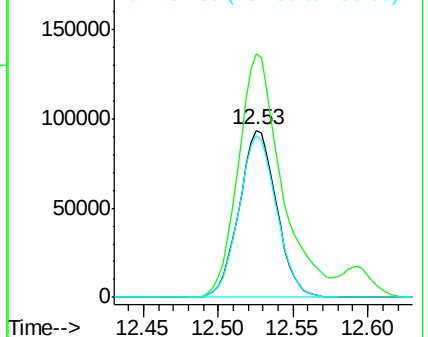
158 98.0 48.8 146.4



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: 20.408 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053648.D

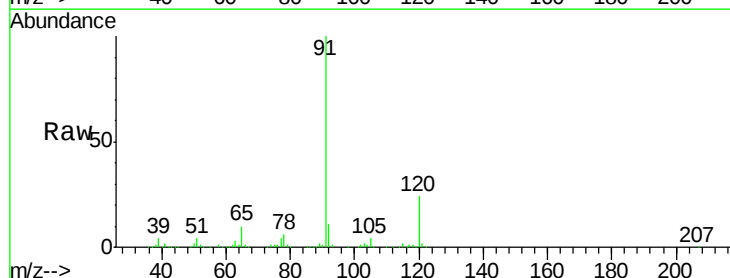
Acq: 7 Feb 2019 11:52

Tgt Ion: 91 Resp: 719030

Ion Ratio Lower Upper

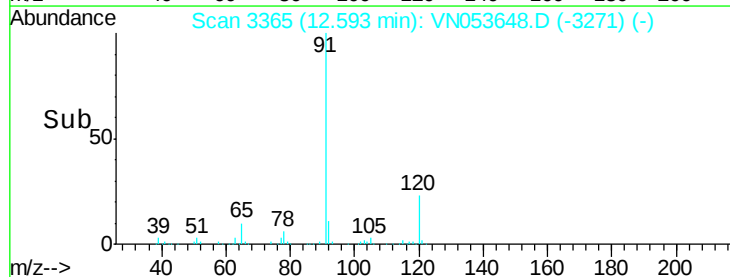
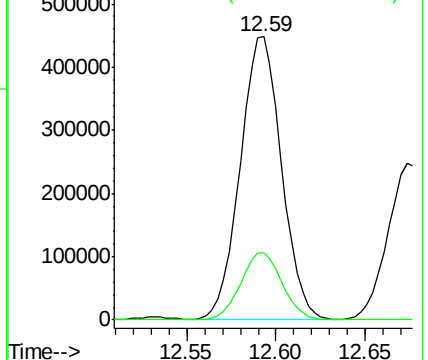
91 100

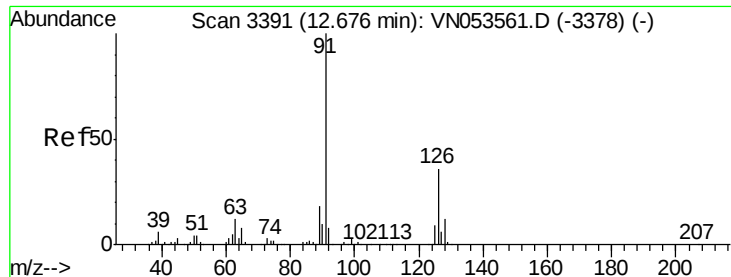
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.179 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053648.D

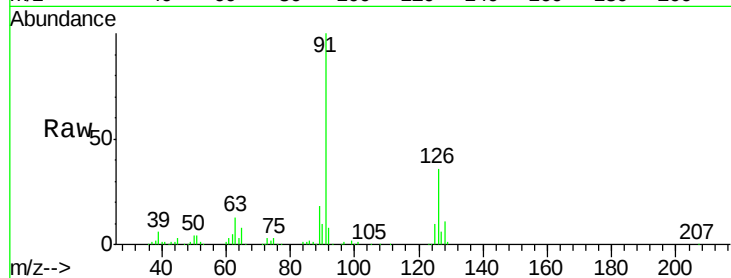
Acq: 7 Feb 2019 11:52

Tot Ion: 91 Resp: 421818

Ion Ratio Lower Upper

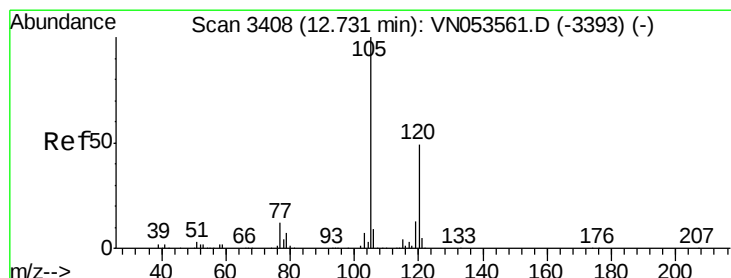
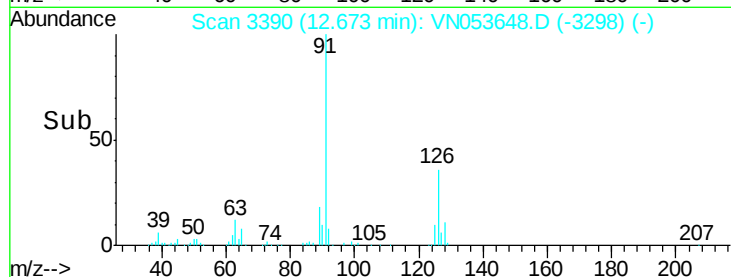
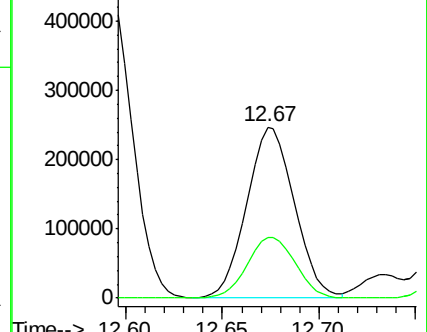
91 100

126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN053561.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.046 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053648.D

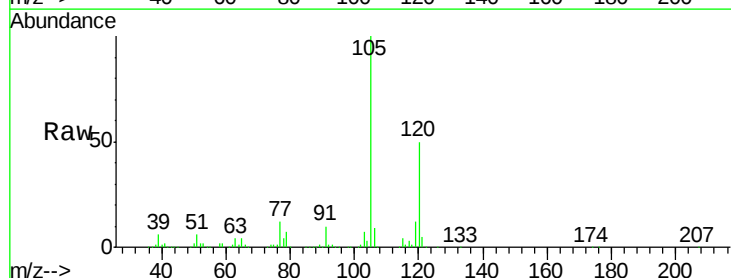
Acq: 7 Feb 2019 11:52

Tgt Ion: 105 Resp: 531926

Ion Ratio Lower Upper

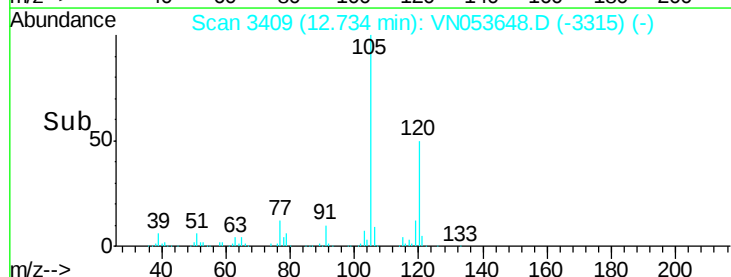
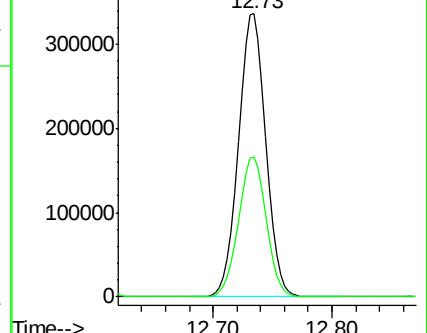
105 100

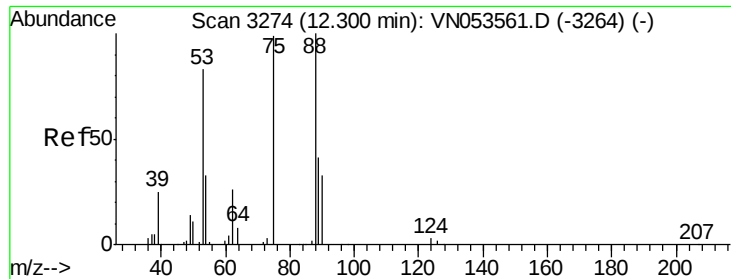
120 50.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3393) (-)

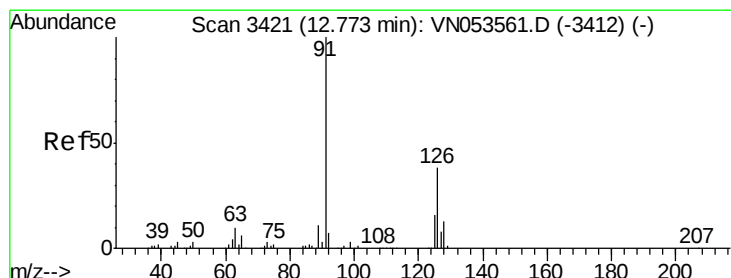
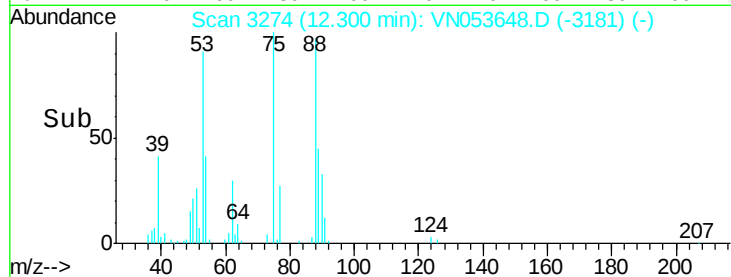
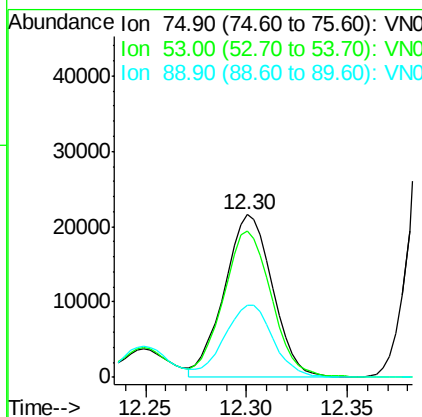
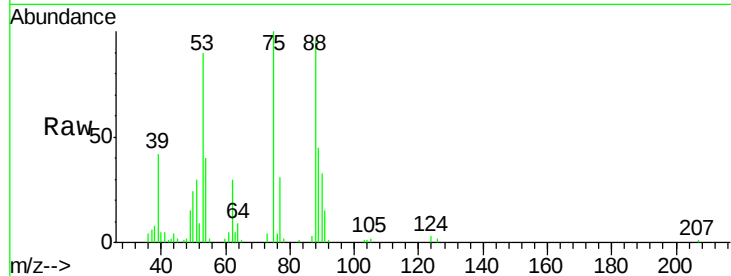
Ion 120.00 (119.70 to 120.70): VN053561.D (-3393) (-)





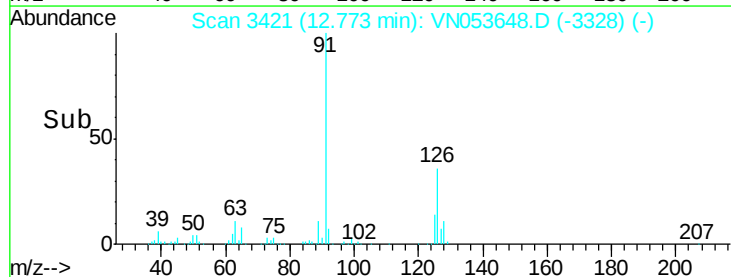
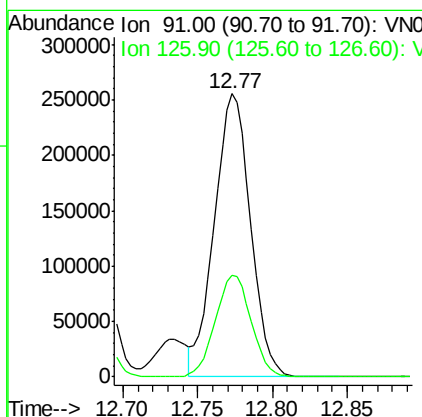
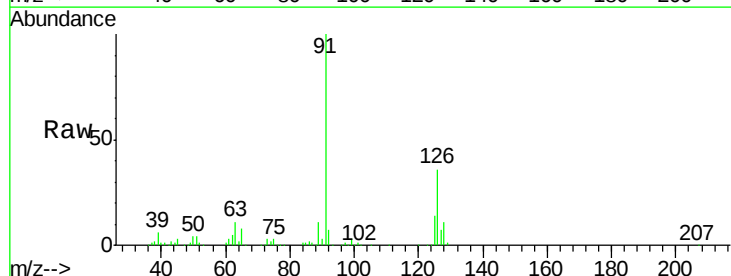
#81
trans-1,4-Dichloro-2-butene
Concen: 18.261 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

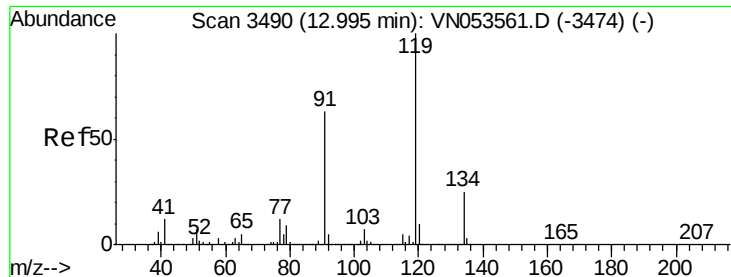
Tot Ion	Ratio	Lower	Upper
75	100		
53	90.1	69.8	104.6
89	44.4	35.6	53.4



#82
4-Chlorotoluene
Concen: 20.011 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

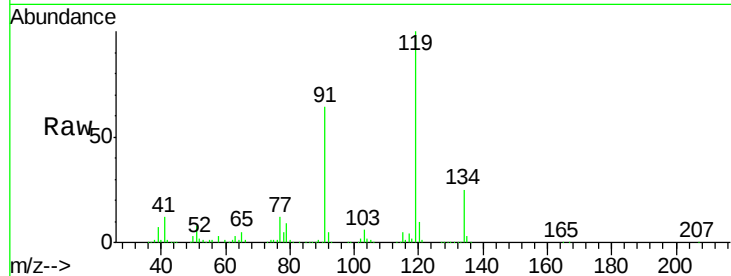
Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.6	52.9



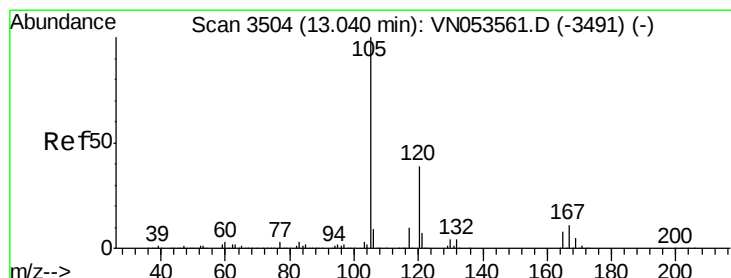
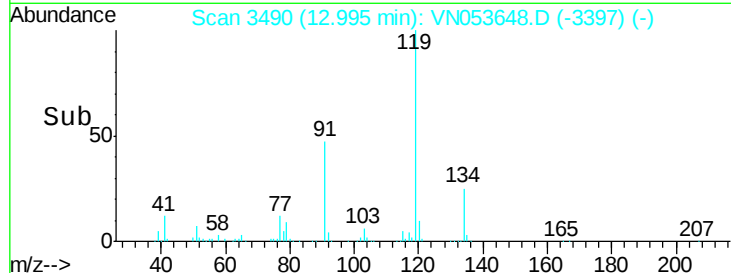
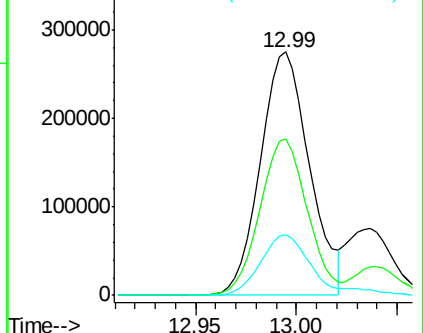


#83
tert-Butylbenzene
Concen: 20.851 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tot Ion:119 Resp: 465772
Ion Ratio Lower Upper
119 100
91 62.0 31.3 93.8
134 26.3 12.9 38.7

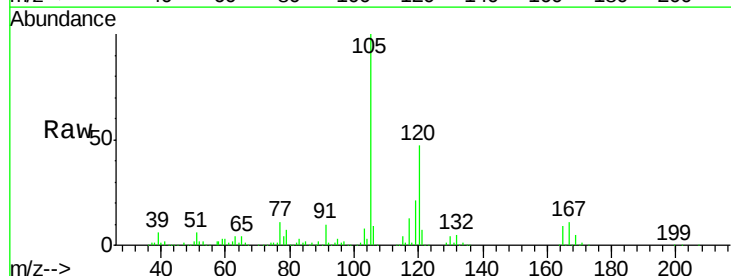


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

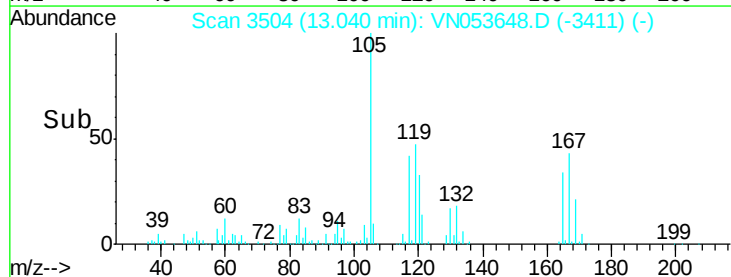
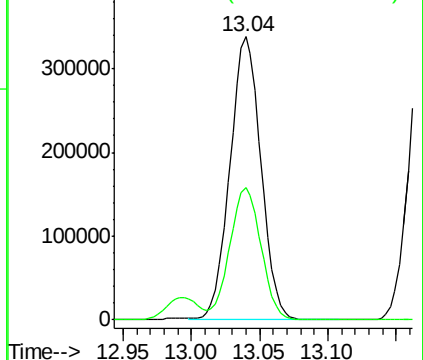


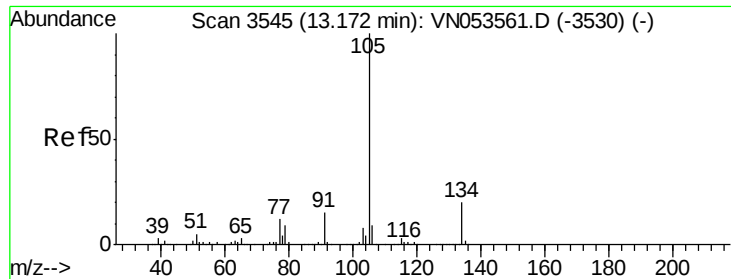
#84
1,2,4-Trimethylbenzene
Concen: 20.665 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tgt Ion:105 Resp: 532121
Ion Ratio Lower Upper
105 100
120 47.3 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: 21.107 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053648.D

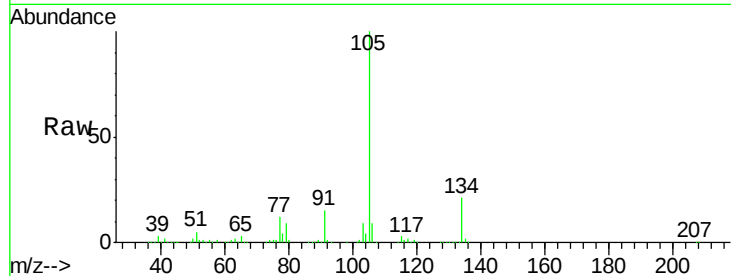
Acq: 7 Feb 2019 11:52

Tot Ion:105 Resp: 641613

Ion Ratio Lower Upper

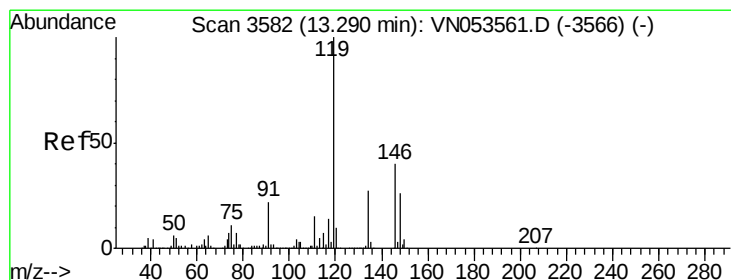
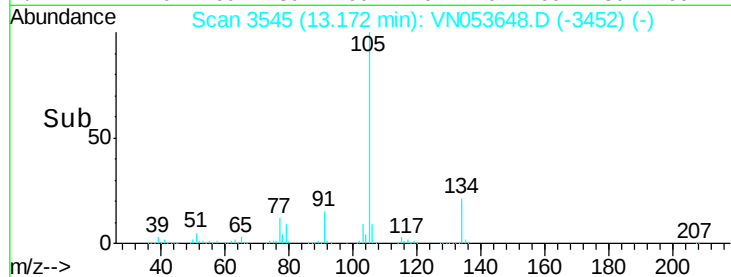
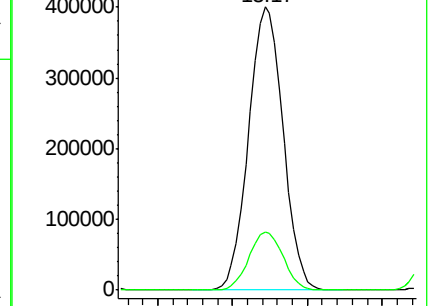
105 100

134 20.5 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.102 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

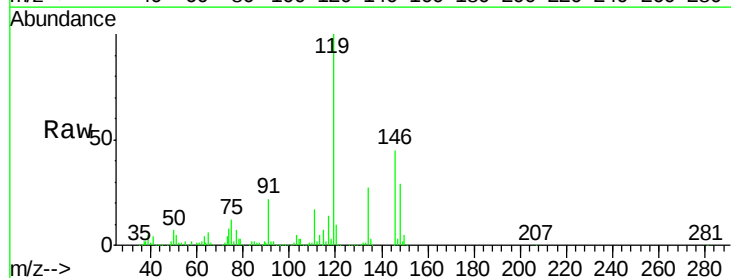
Tgt Ion:119 Resp: 561005

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

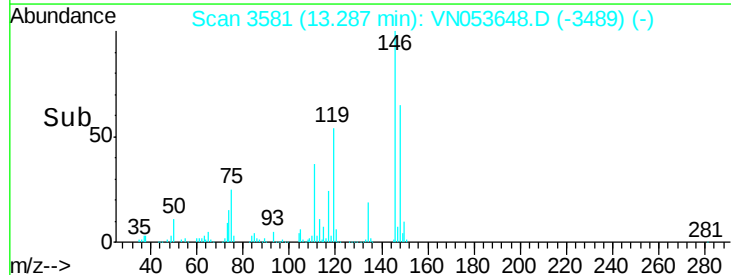
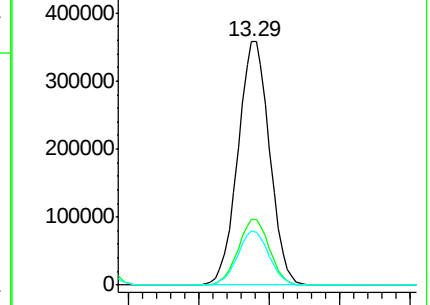
91 22.3 11.0 33.0

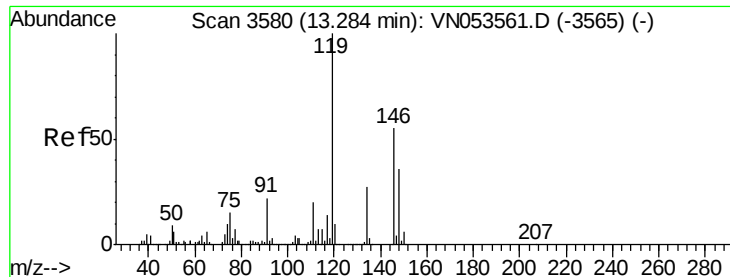


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.600 ug/l

RT: 13.28 min Scan# 3580

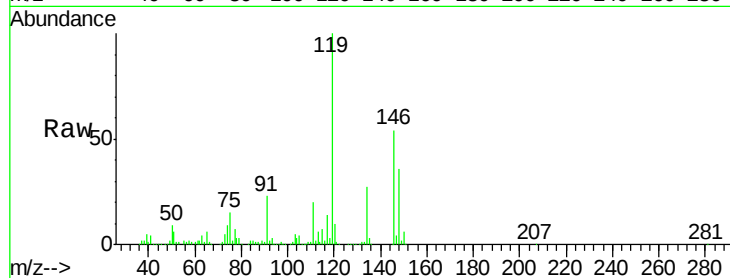
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion:146 Resp: 289425

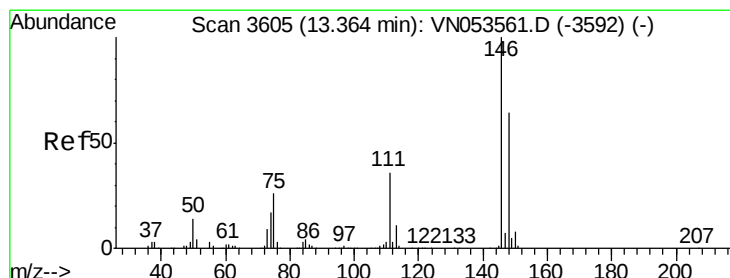
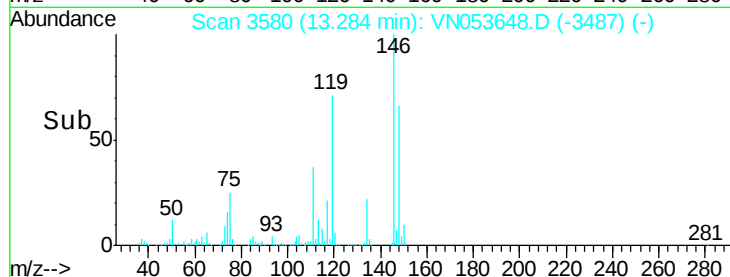
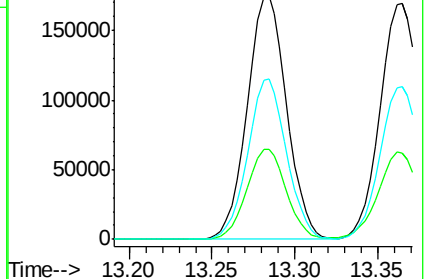
Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.3
148	64.7	32.0	96.2



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



#88

1,4-Dichlorobenzene

Concen: 19.487 ug/l

RT: 13.36 min Scan# 3605

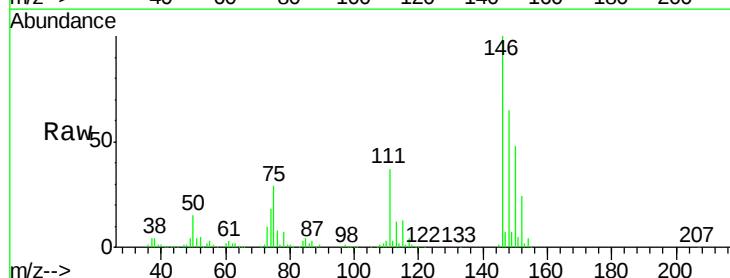
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tgt Ion:146 Resp: 284633

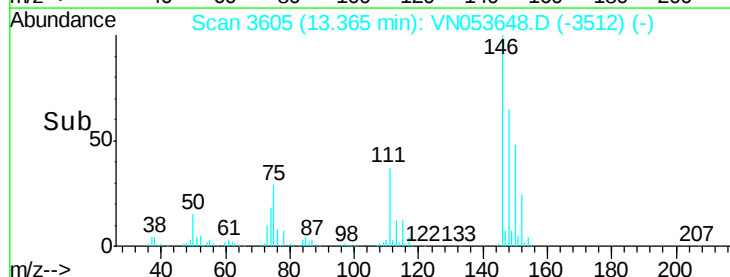
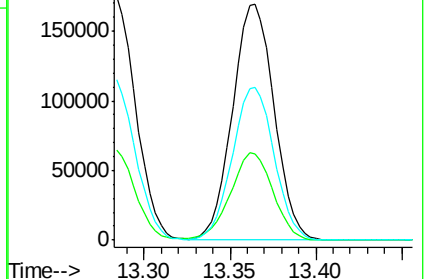
Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.8
148	65.1	32.4	97.0

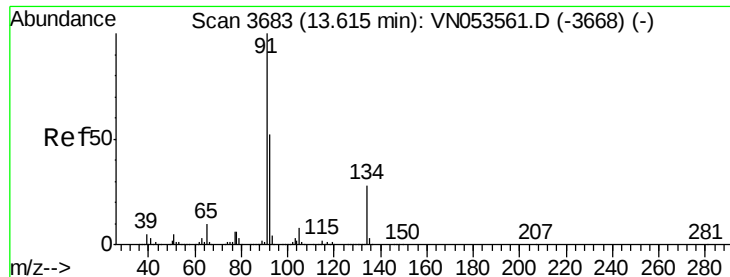


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

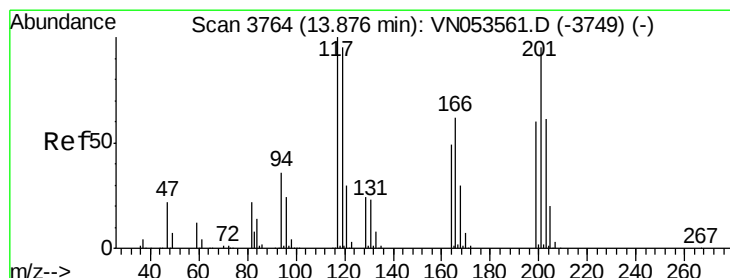
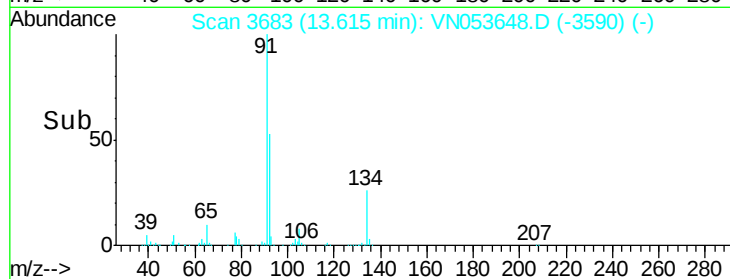
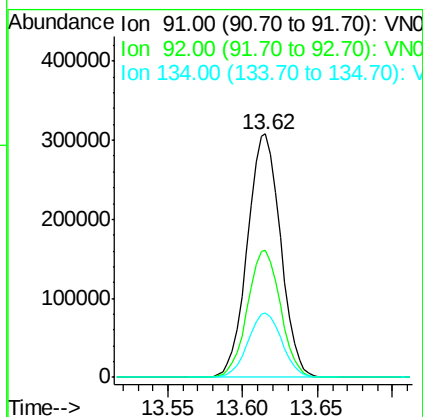
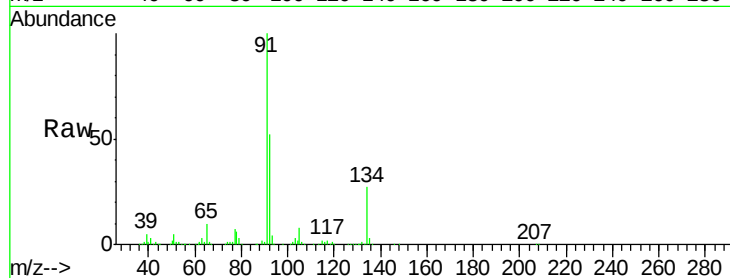
Ion 147.90 (147.60 to 148.60): V





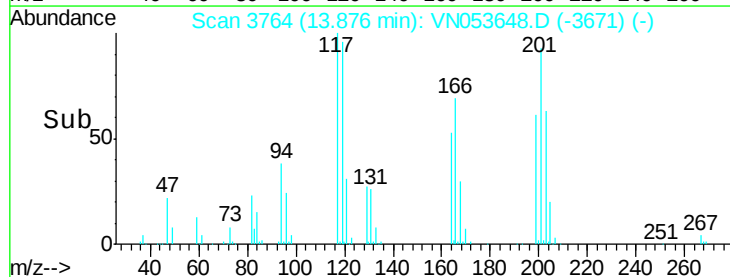
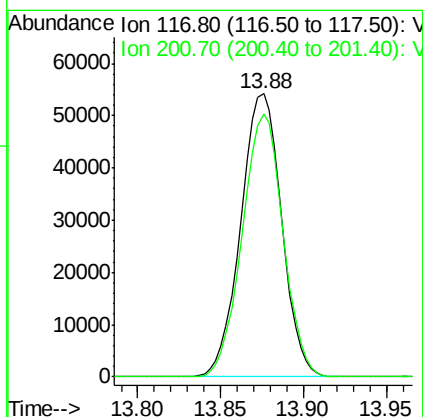
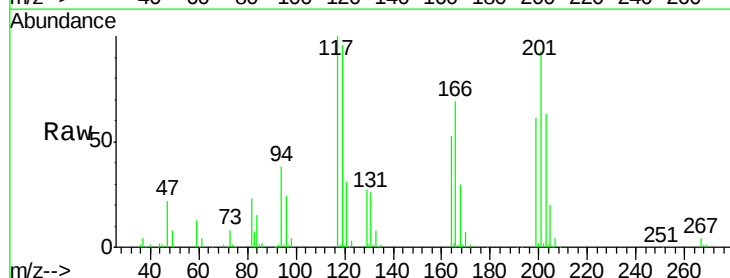
#89
n-Butylbenzene
Concen: 20.616 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

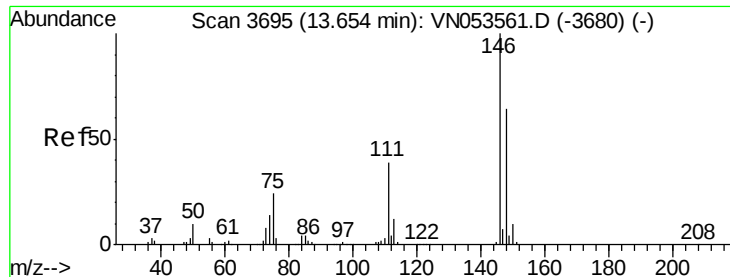
Tot Ion: 91 Resp: 474390
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.8
134 26.9 13.5 40.5



#90
Hexachloroethane
Concen: 21.190 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053648.D
Acq: 7 Feb 2019 11:52

Tgt Ion: 117 Resp: 92920
Ion Ratio Lower Upper
117 100
201 92.6 46.8 140.4





#91

1,2-Dichlorobenzene

Concen: 19.890 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

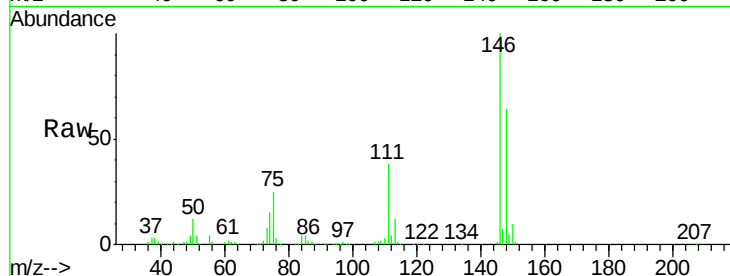
Tot Ion:146 Resp: 281175

Ion Ratio Lower Upper

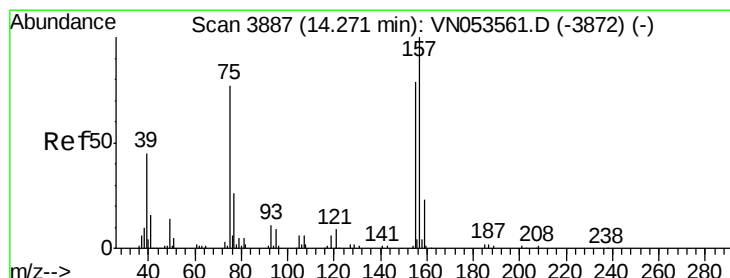
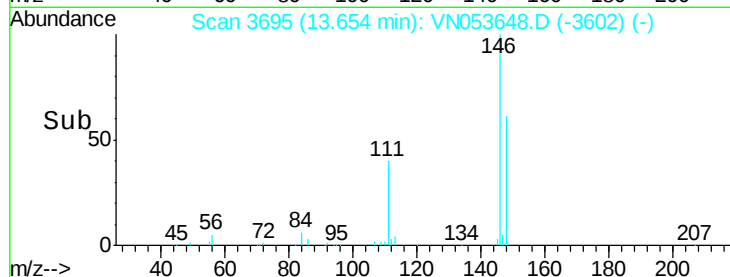
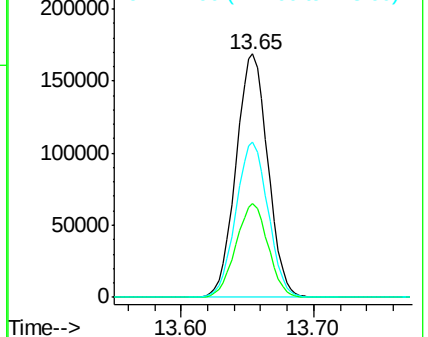
146 100

111 38.7 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: 19.220 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

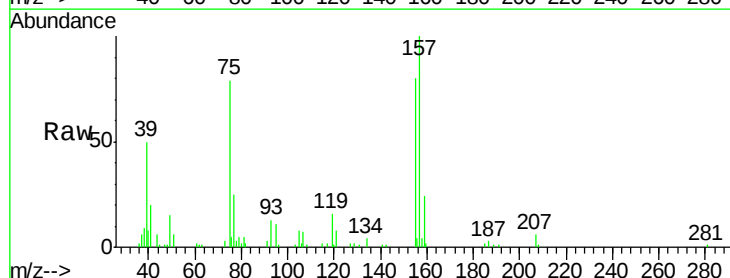
Tgt Ion: 75 Resp: 19980

Ion Ratio Lower Upper

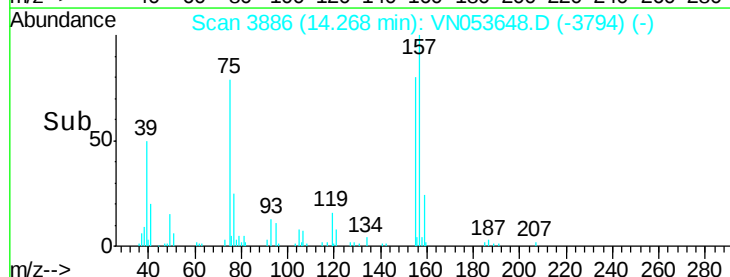
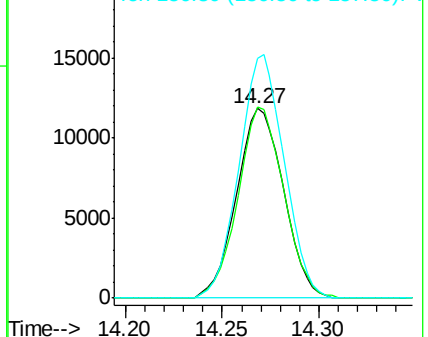
75 100

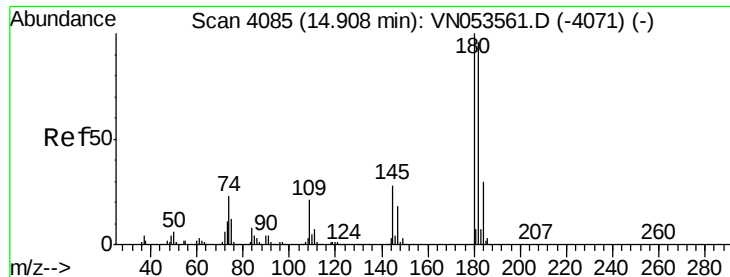
155 98.1 48.9 146.7

157 123.6 63.7 191.3



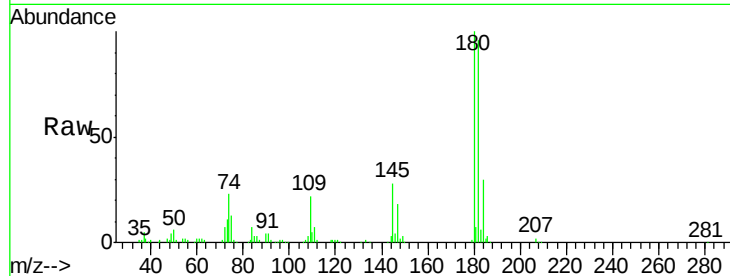
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



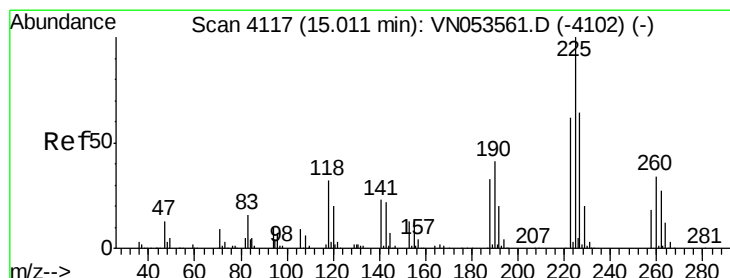
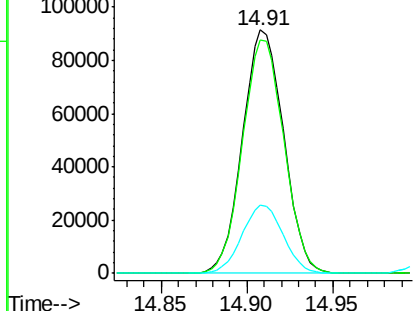
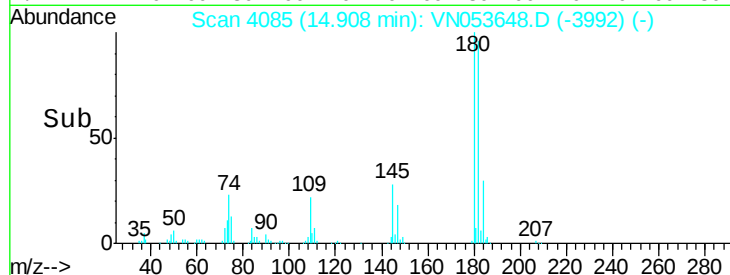


#93
 1,2,4-Trichlorobenzene
 Concen: 18.737 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

Tot Ion:180 Resp: 151914
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.1 144.3
 145 28.1 13.9 41.6

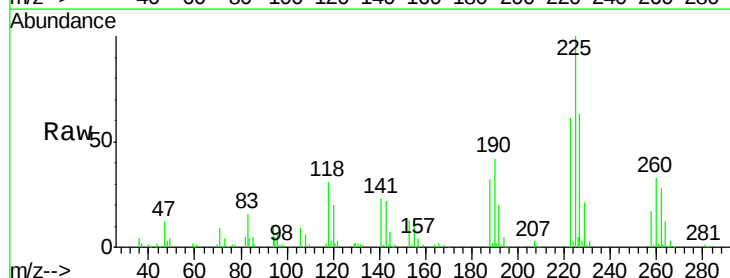


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

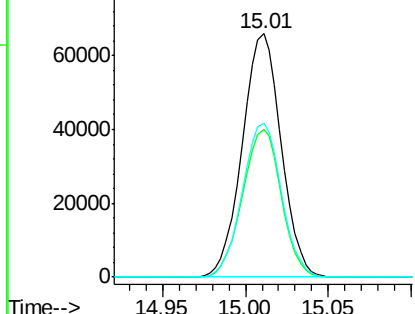
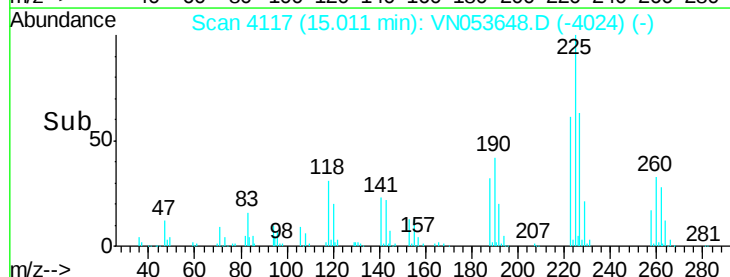


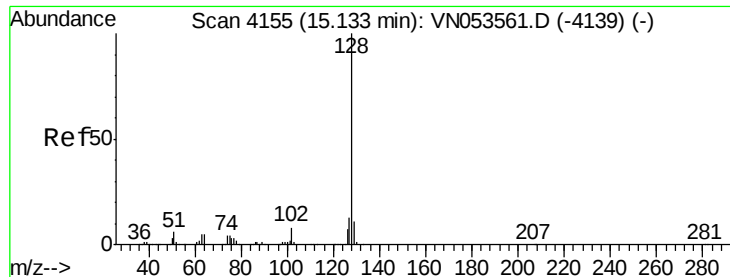
#94
 Hexachlorobutadiene
 Concen: 21.341 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053648.D
 Acq: 7 Feb 2019 11:52

Tgt Ion:225 Resp: 107755
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.1 93.2
 227 63.3 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.700 ug/l

RT: 15.13 min Scan# 4155

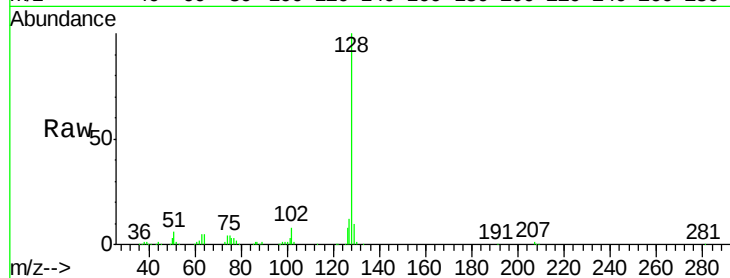
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion:128 Resp: 295245

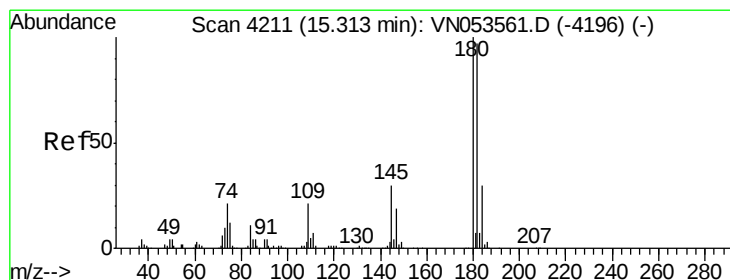
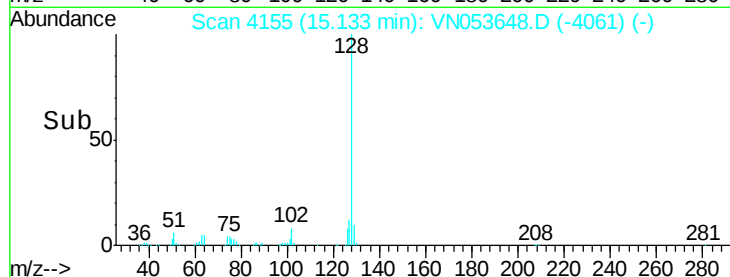
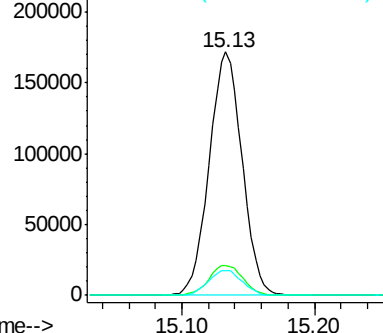
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.6	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.743 ug/l

RT: 15.31 min Scan# 4211

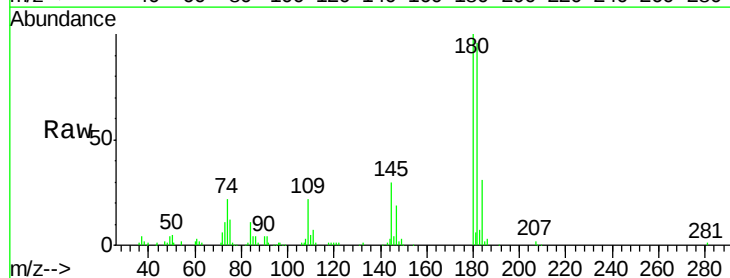
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tgt Ion:180 Resp: 140998

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.8
145	29.6	14.7	44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

