

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053646.D
 Acq On : 7 Feb 2019 10:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Quant Time: Feb 09 00:26:15 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	7.66	168	843198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1225401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1079133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	539352	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	385395	45.56	ug/l	0.00
Spiked Amount			Recovery	=	91.12%	
35) Dibromofluoromethane	7.59	113	372931	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	10.09	98	1393160	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.40	95	473266	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	408666	43.038	ug/l	100
3) Chloromethane	2.06	50	419998	41.956	ug/l	100
4) Vinyl Chloride	2.19	62	419722	43.192	ug/l	98
5) Bromomethane	2.57	94	274918	43.268	ug/l	96
6) Chloroethane	2.71	64	236731	42.630	ug/l	99
7) Trichlorofluoromethane	3.02	101	583888	44.309	ug/l	98
8) Diethyl Ether	3.41	74	206522	42.913	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	371644	45.601	ug/l	98
10) Methyl Iodide	3.95	142	552631	43.202	ug/l	99
11) Tert butyl alcohol	4.78	59	110558	220.843	ug/l	98
12) 1,1-Dichloroethene	3.74	96	342123	43.816	ug/l	99
13) Acrolein	3.61	56	66848	245.255	ug/l	99
14) Allyl chloride	4.33	41	540762	43.496	ug/l	99
15) Acrylonitrile	4.99	53	599893	221.970	ug/l	100
16) Acetone	3.82	43	558550	257.428	ug/l	100
17) Carbon Disulfide	4.06	76	1009996	41.541	ug/l	100
18) Methyl Acetate	4.32	43	281337	43.783	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	890192	44.972	ug/l	99
20) Methylene Chloride	4.55	84	385364	42.334	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	365105	43.341	ug/l	98
22) Diisopropyl ether	5.95	45	1055849	45.834	ug/l	98
23) Vinyl Acetate	5.89	43	3595352	225.611	ug/l	98
24) 1,1-Dichloroethane	5.85	63	673999	43.866	ug/l	99
25) 2-Butanone	6.83	43	712386	230.209	ug/l	100
26) 2,2-Dichloropropane	6.82	77	514294	43.848	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	418867	44.716	ug/l	98
28) Bromochloromethane	7.19	49	290258	43.532	ug/l	96
29) Tetrahydrofuran	7.21	42	436557	219.698	ug/l	98
30) Chloroform	7.37	83	670015	43.990	ug/l	100
31) Cyclohexane	7.65	56	611644	42.732	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	564562	44.540	ug/l	100
36) 1,1-Dichloropropene	7.79	75	521728	47.231	ug/l	99
37) Ethyl Acetate	6.93	43	292201	47.363	ug/l	100
38) Carbon Tetrachloride	7.77	117	516237	46.391	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	633498	48.339	ug/l	99
40) Benzene	8.04	78	1556315	45.688	ug/l	99
41) Methacrylonitrile	7.17	41	161535	46.848	ug/l	90
42) 1,2-Dichloroethane	8.12	62	458269	45.309	ug/l	99
43) Isopropyl Acetate	8.16	43	502884	42.208	ug/l #	89
44) Trichloroethene	8.83	130	437865	45.151	ug/l	99
45) 1,2-Dichloropropane	9.12	63	405791	46.575	ug/l	100
46) Dibromomethane	9.21	93	237700	45.258	ug/l	97
47) Bromodichloromethane	9.40	83	512215	46.906	ug/l	100
48) Methyl methacrylate	9.20	41	245097	43.096	ug/l	90
49) 1,4-Dioxane	9.20	88	75369	917.924	ug/l #	94
51) 4-Methyl-2-Pentanone	9.98	43	1356070	231.619	ug/l	100
52) Toluene	10.16	92	951181	47.049	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	514663	47.066	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	608342	46.948	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	339683	46.628	ug/l	99
56) Ethyl methacrylate	10.43	69	403383	46.807	ug/l	98
57) 1,3-Dichloropropane	10.71	76	571705	45.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1028672	194.309	ug/l	99
59) 2-Hexanone	10.75	43	909701	228.878	ug/l	99
60) Dibromochloromethane	10.90	129	392245	47.747	ug/l	100
61) 1,2-Dibromoethane	11.00	107	327995	45.489	ug/l	99
64) Tetrachloroethene	10.63	164	427635	46.228	ug/l	99
65) Chlorobenzene	11.43	112	1047147	45.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	381522	47.659	ug/l	100
67) Ethyl Benzene	11.51	91	1770360	47.017	ug/l	100
68) m/p-Xylenes	11.62	106	1386360	96.469	ug/l	100
69) o-Xylene	11.95	106	664446	47.858	ug/l	99
70) Styrene	11.96	104	1096711	48.736	ug/l	100
71) Bromoform	12.13	173	270270	49.246	ug/l #	100
73) Isopropylbenzene	12.25	105	1749981	46.154	ug/l	99
74) N-amyl acetate	12.07	43	418466	45.897	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	388176	42.778	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	492213	71.051	ug/l #	100
77) Bromobenzene	12.53	156	460546	45.069	ug/l	98
78) n-propylbenzene	12.59	91	2062272	47.051	ug/l	100
79) 2-Chlorotoluene	12.67	91	1201838	46.217	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1522939	48.437	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	112947	45.845	ug/l	99
82) 4-Chlorotoluene	12.77	91	1234837	46.277	ug/l	100
83) tert-Butylbenzene	12.99	119	1311432	47.193	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1549124	48.360	ug/l	99
85) sec-Butylbenzene	13.17	105	1806160	47.763	ug/l	99
86) p-Isopropyltoluene	13.29	119	1622872	49.070	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	837309	45.582	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	830968	45.731	ug/l	100
89) n-Butylbenzene	13.61	91	1410971	49.289	ug/l	99
90) Hexachloroethane	13.87	117	266697	48.889	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	815063	46.348	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57608	44.546	ug/l	99

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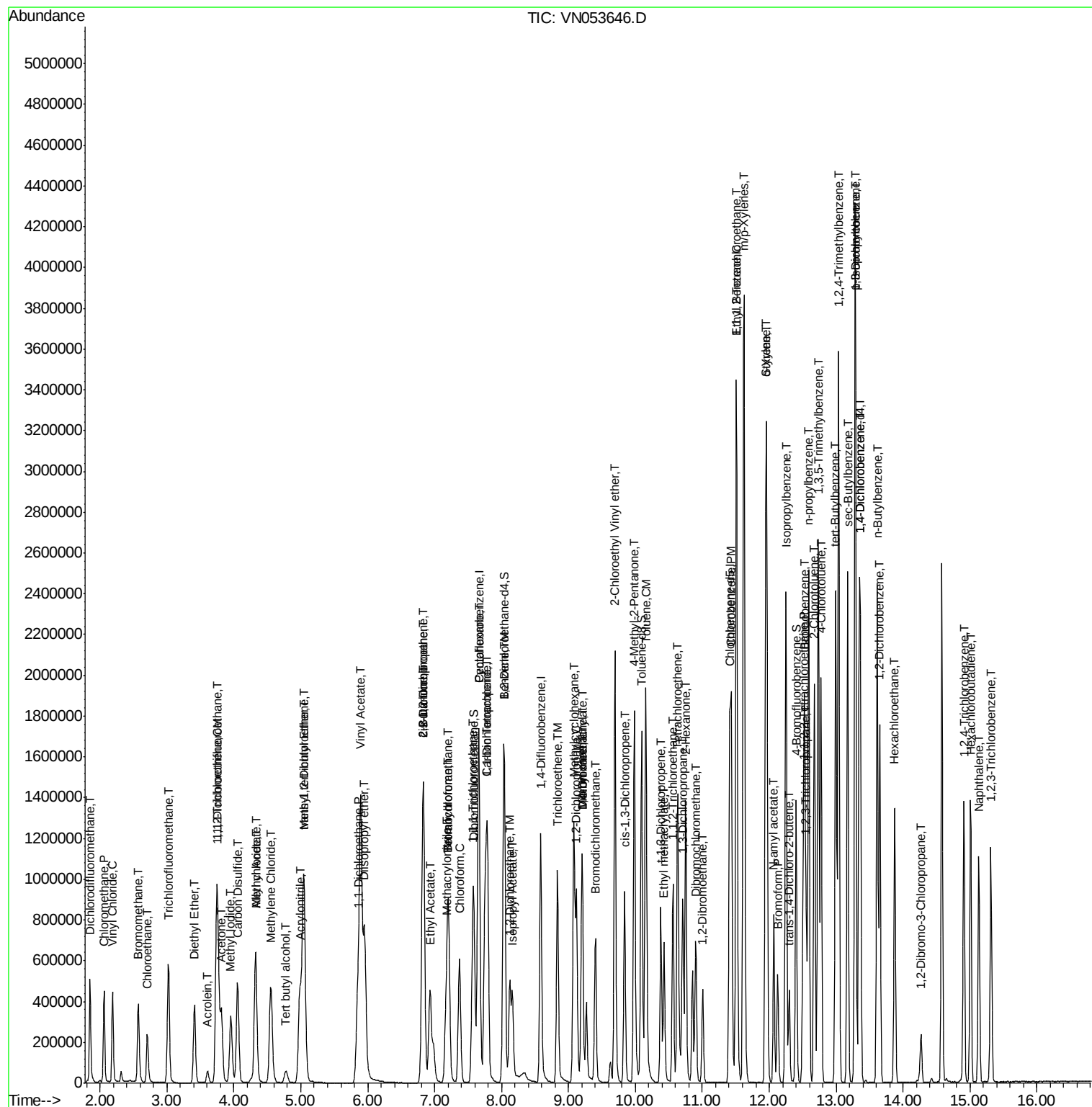
Quant Time: Feb 09 00:26:15 2019
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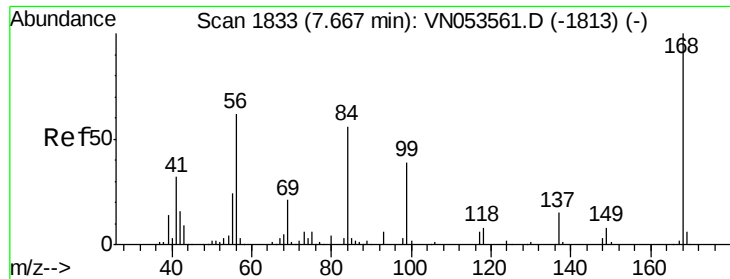
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	491046	48.686	ug/l	100
94) Hexachlorobutadiene	15.01	225	307157	48.901	ug/l	100
95) Naphthalene	15.13	128	982337	41.758	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	441818	47.210	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053646.D

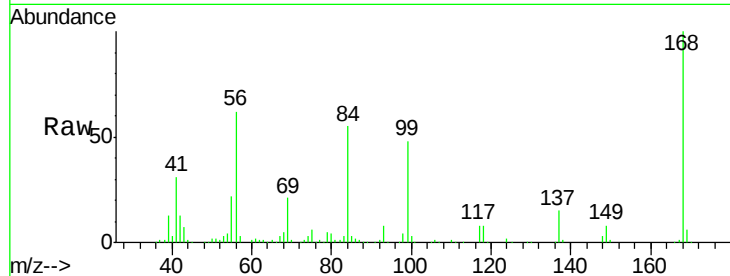
Acq: 7 Feb 2019 10:32

Tot Ion:168 Resp: 843198

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

300000

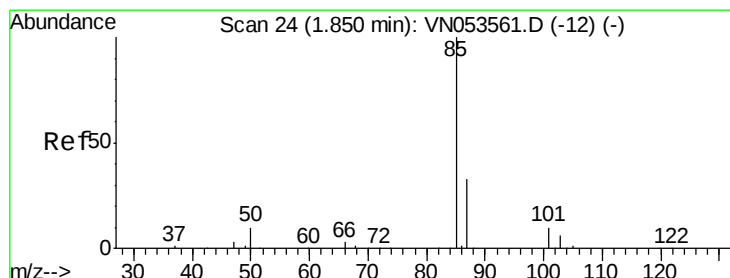
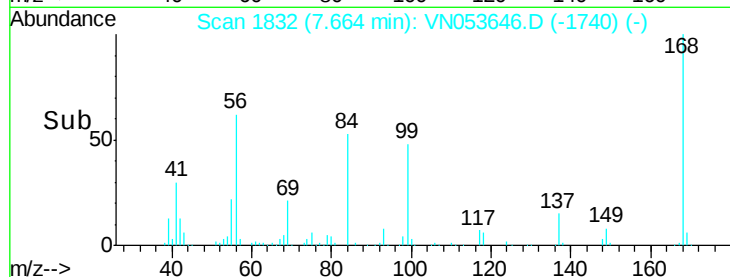
200000

100000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 43.038 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053646.D

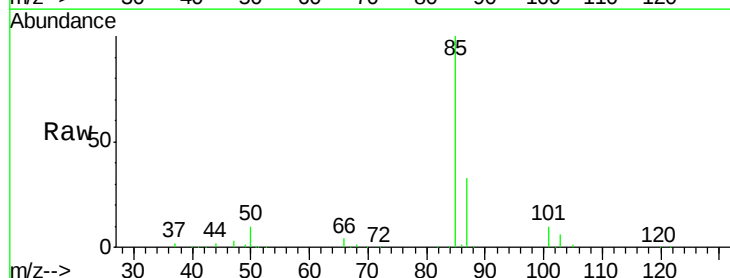
Acq: 7 Feb 2019 10:32

Tgt Ion: 85 Resp: 408666

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

300000

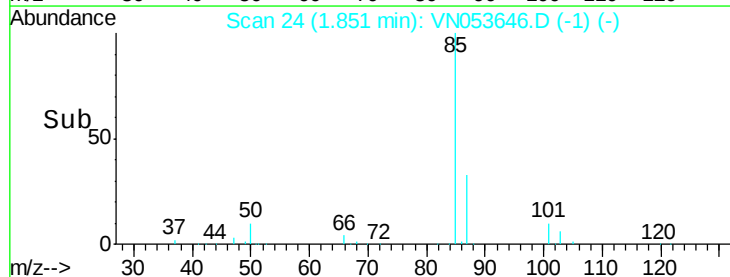
200000

100000

0

Time-->

1.80 1.90 2.00





#3

Chloromethane

Concen: 41.956 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053646.D

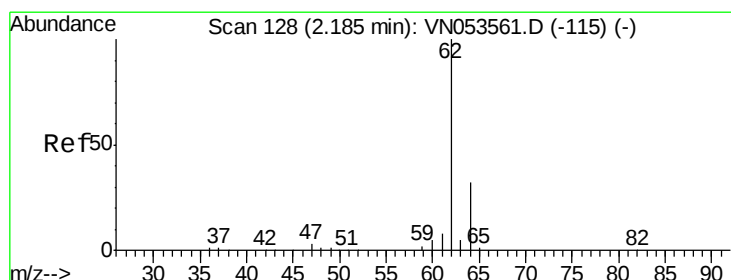
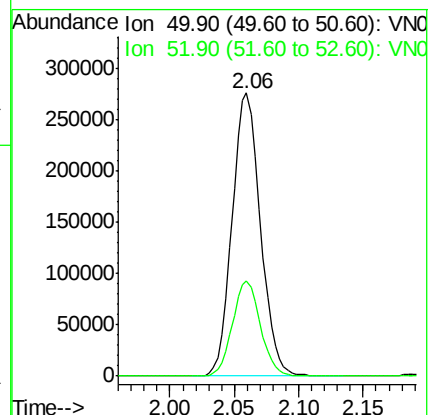
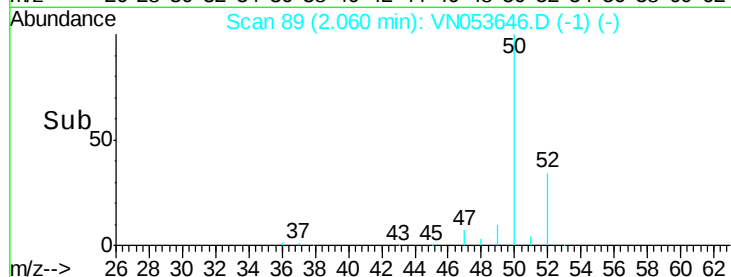
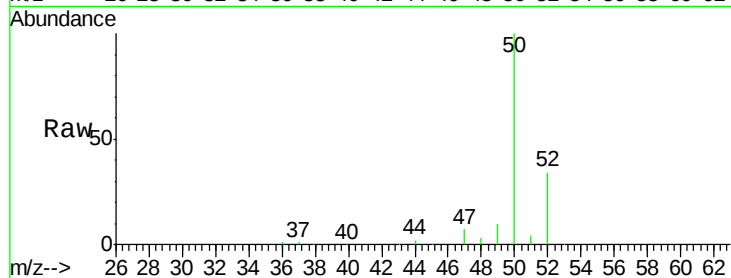
Acq: 7 Feb 2019 10:32

Tot Ion: 50 Resp: 419998

Ion Ratio Lower Upper

50 100

52 33.5 26.6 40.0



#4

Vinyl Chloride

Concen: 43.192 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053646.D

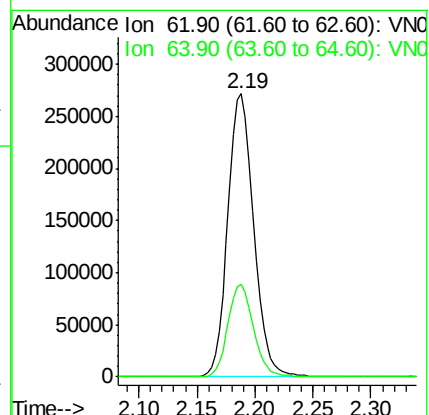
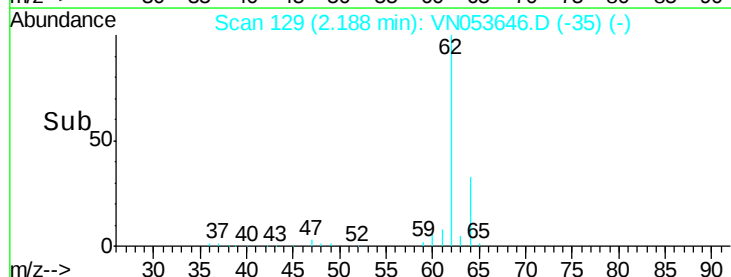
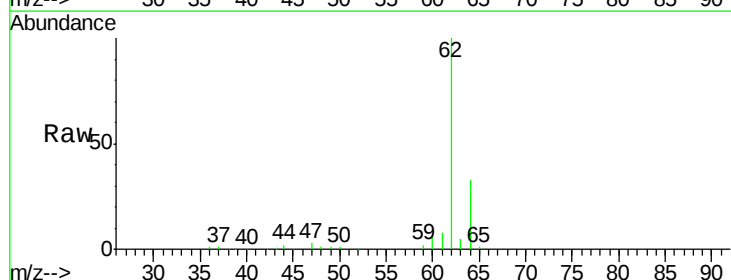
Acq: 7 Feb 2019 10:32

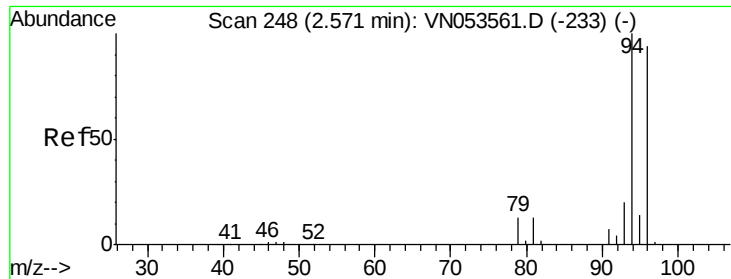
Tgt Ion: 62 Resp: 419722

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.2





#5

Bromomethane

Concen: 43.268 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN053646.D

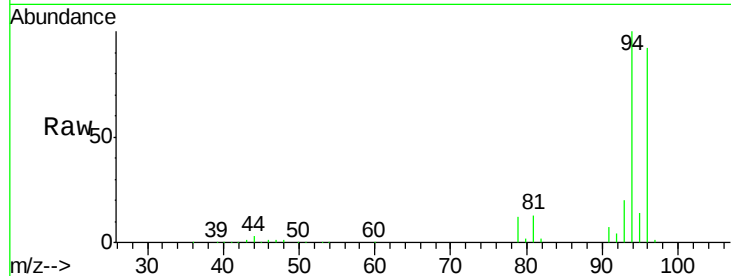
Acq: 7 Feb 2019 10:32

Tot Ion: 94 Resp: 274918

Ion Ratio Lower Upper

94 100

96 92.5 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

150000

100000

50000

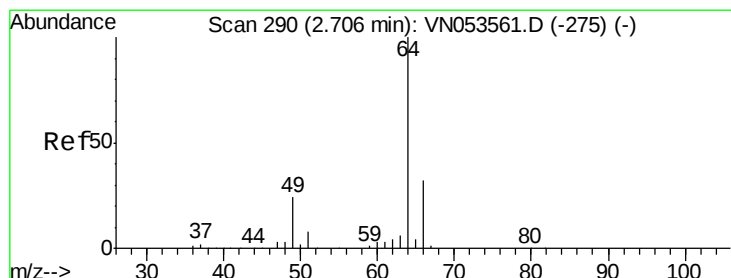
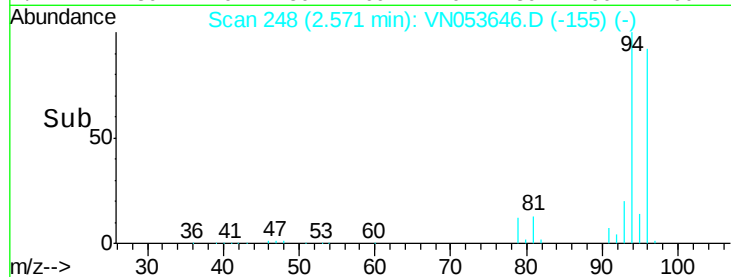
0

Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 42.630 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053646.D

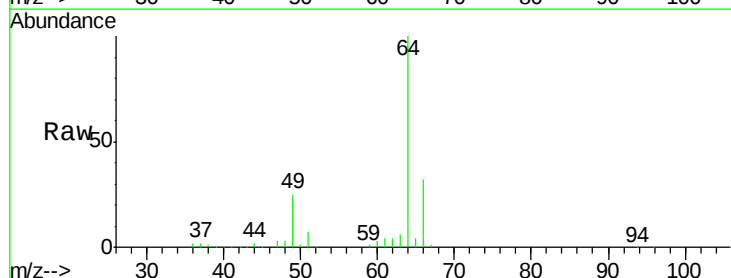
Acq: 7 Feb 2019 10:32

Tgt Ion: 64 Resp: 236731

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

100000

50000

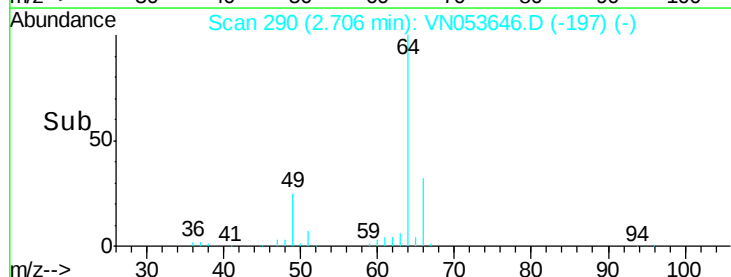
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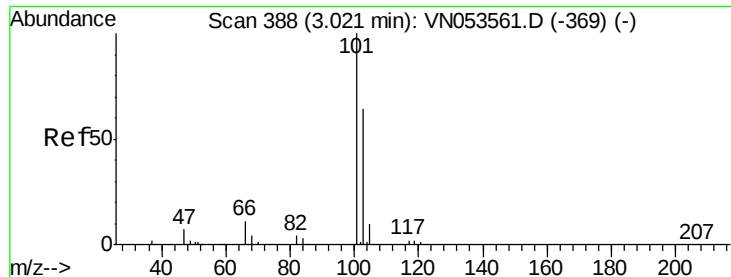
Time-->

2.60

2.70

2.80

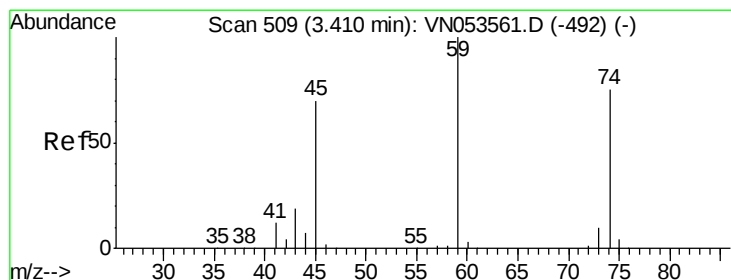
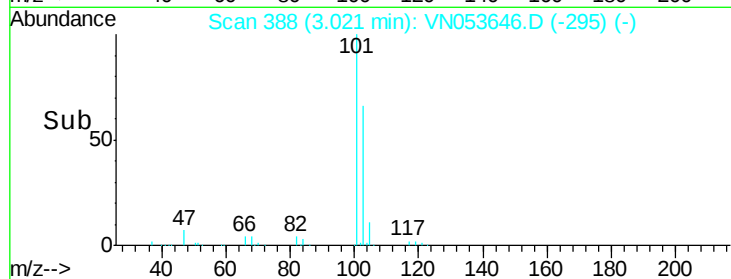
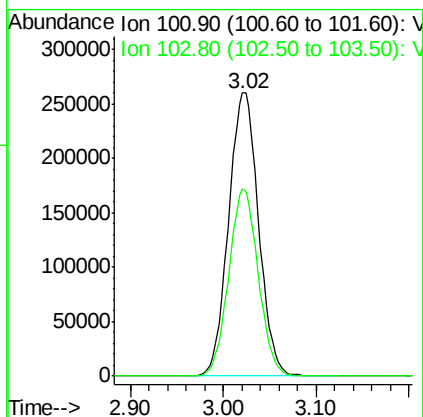
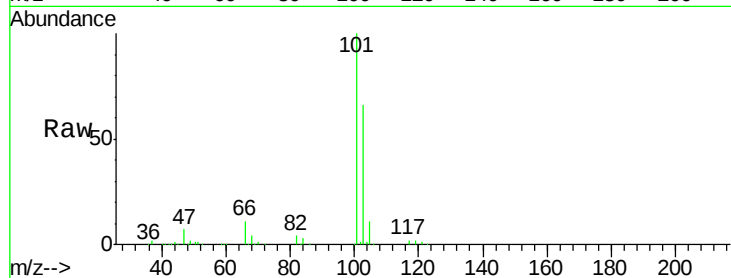




#7

Trichlorofluoromethane
Concen: 44.309 ug/l
RT: 3.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

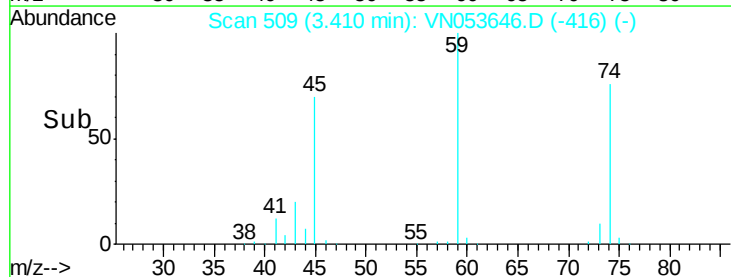
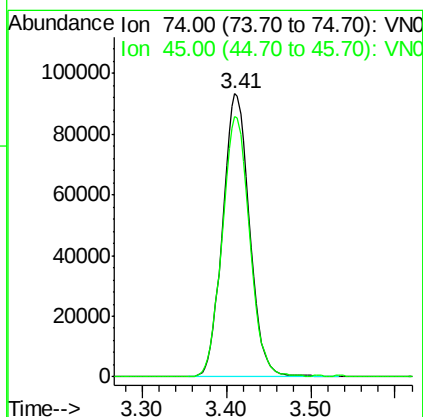
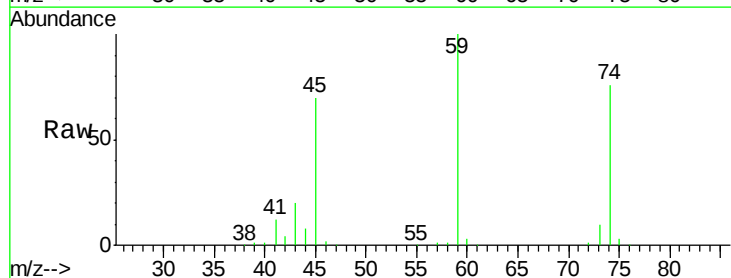
Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.6	77.4

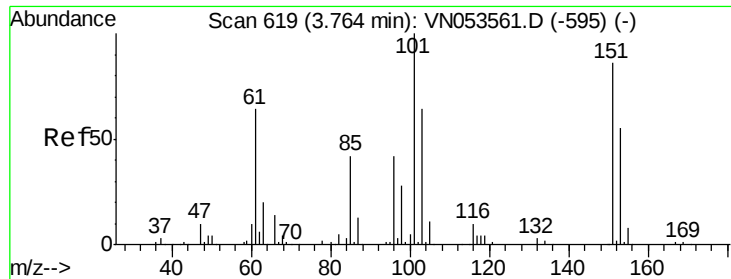


#8

Diethyl Ether
Concen: 42.913 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.9	47.9	143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.601 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

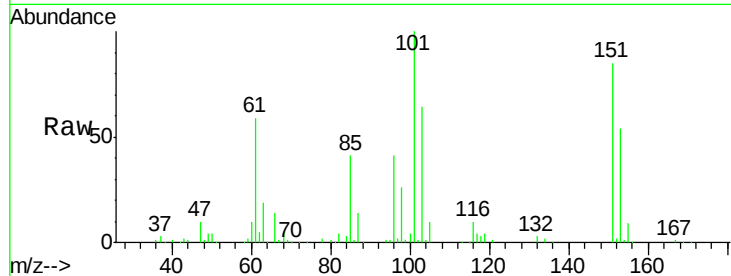
Tot Ion:101 Resp: 371644

Ion Ratio Lower Upper

101 100

85 41.2 32.8 49.2

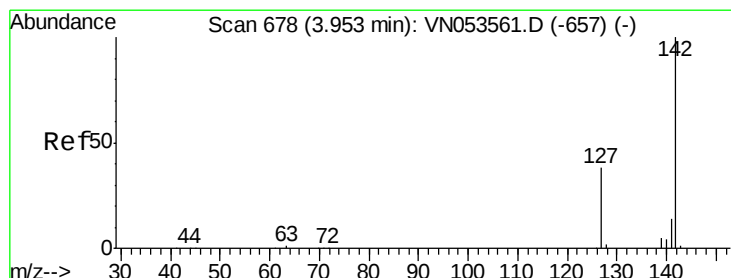
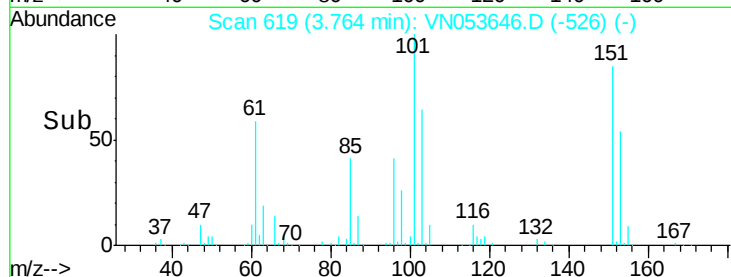
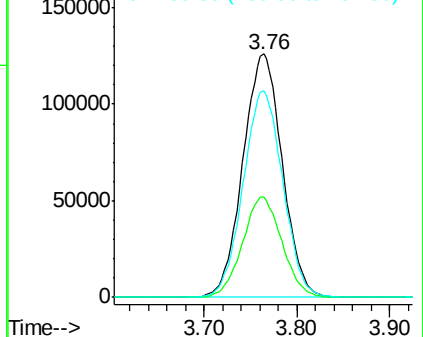
151 85.5 66.9 100.3



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: 43.202 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

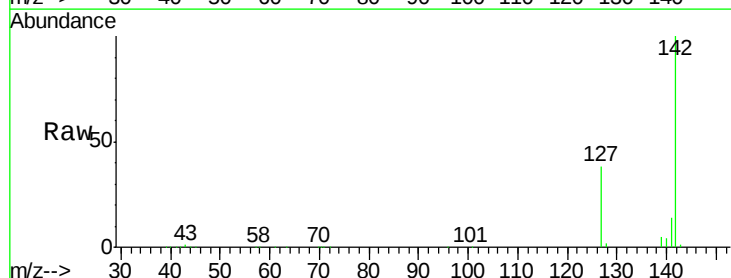
Tgt Ion:142 Resp: 552631

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.4

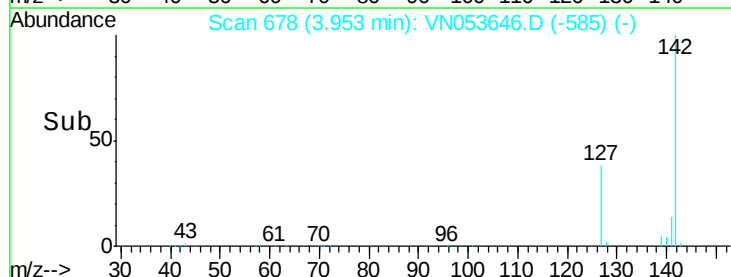
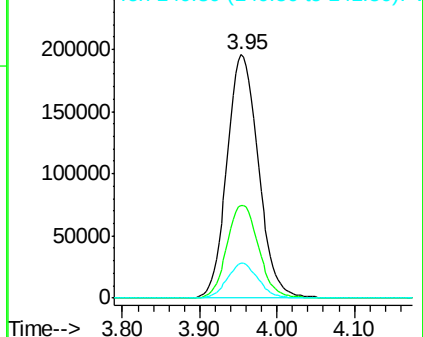
141 14.1 11.1 16.7

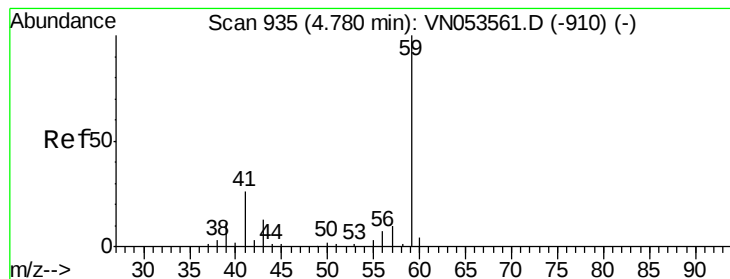


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

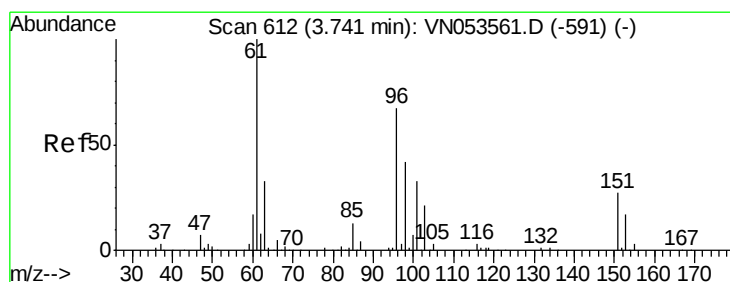
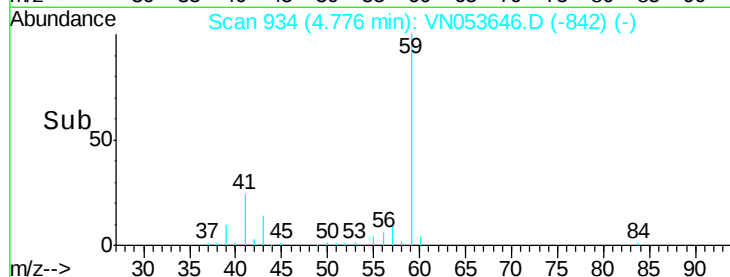
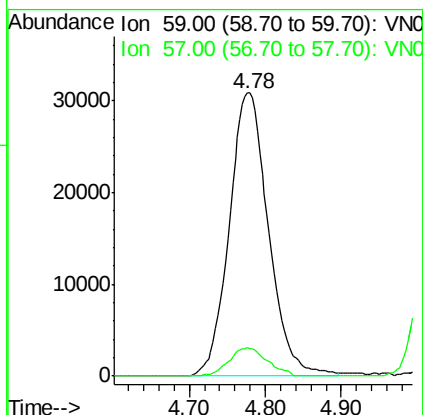
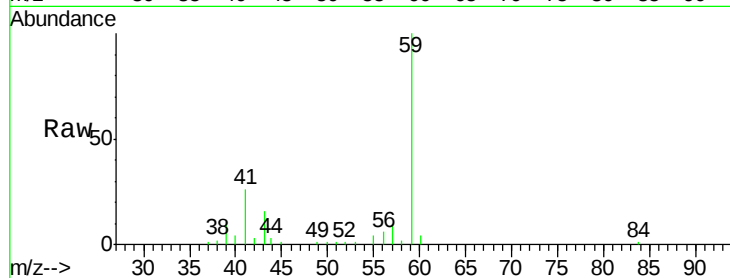




#11

Tert butyl alcohol
 Concen: 220.843 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

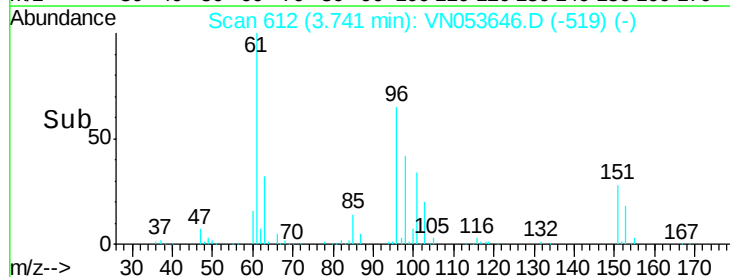
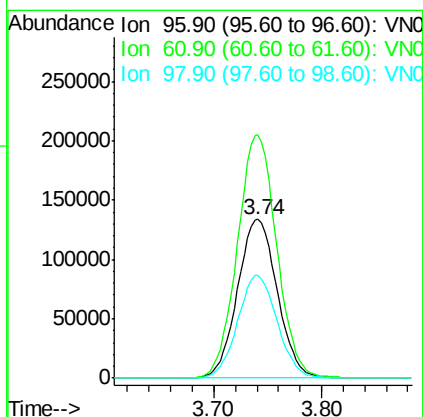
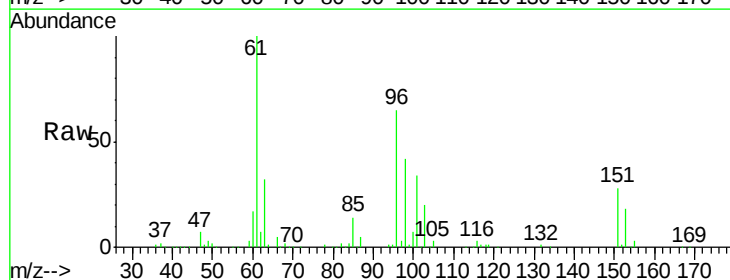
Tot Ion: 59 Resp: 110558
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.4

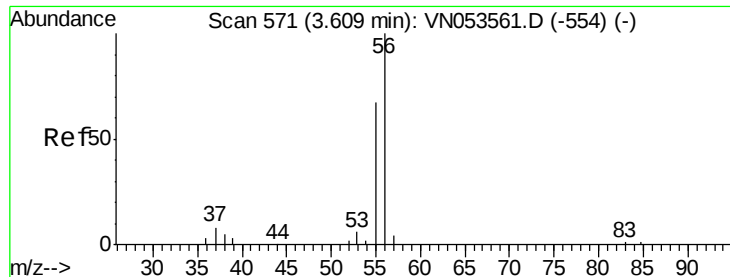


#12

1,1-Dichloroethene
 Concen: 43.816 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

Tgt Ion: 96 Resp: 342123
 Ion Ratio Lower Upper
 96 100
 61 153.5 122.9 184.3
 98 64.7 49.4 74.0





#13

Acrolein

Concen: 245.255 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053646.D

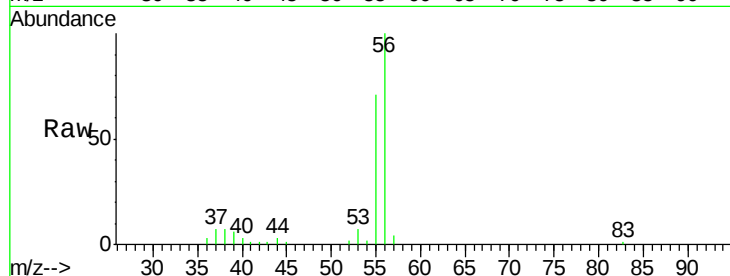
Acq: 7 Feb 2019 10:32

Tot Ion: 56 Resp: 66848

Ion Ratio Lower Upper

56 100

55 70.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

25000

20000

15000

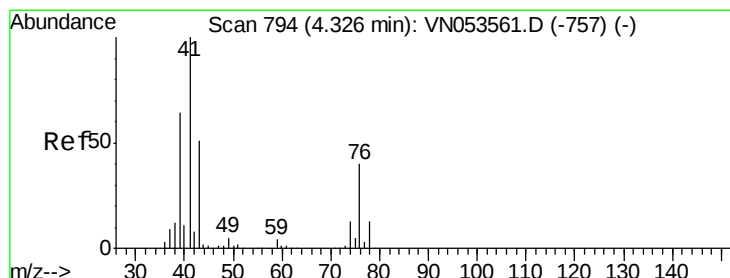
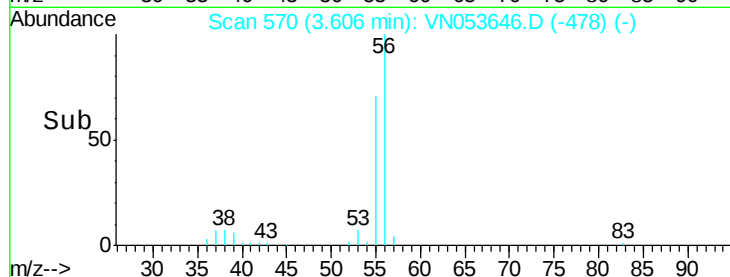
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 43.496 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

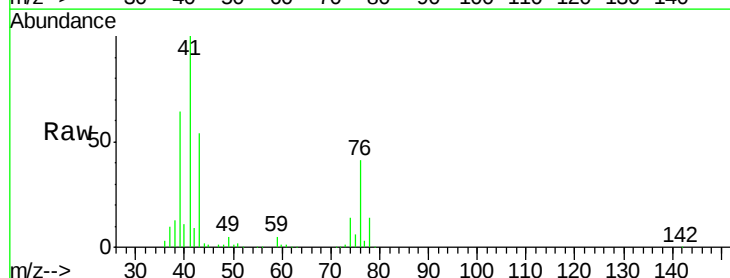
Tgt Ion: 41 Resp: 540762

Ion Ratio Lower Upper

41 100

39 61.2 48.9 73.3

76 37.6 29.4 44.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.33

200000

150000

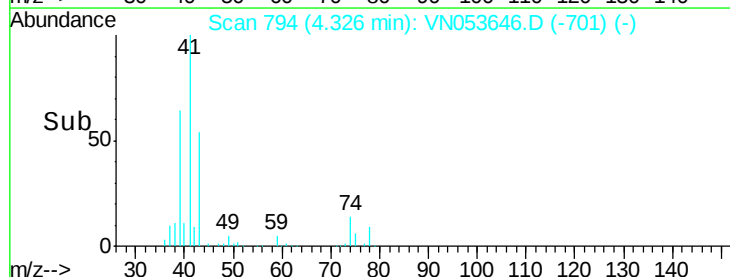
100000

50000

0

Time-->

4.10 4.20 4.30 4.40 4.50





#15

Acrylonitrile

Concen: 221.970 ug/l

RT: 4.99 min Scan# 999

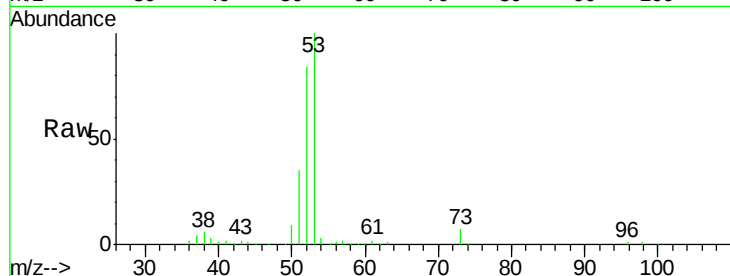
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion: 53 Resp: 599893

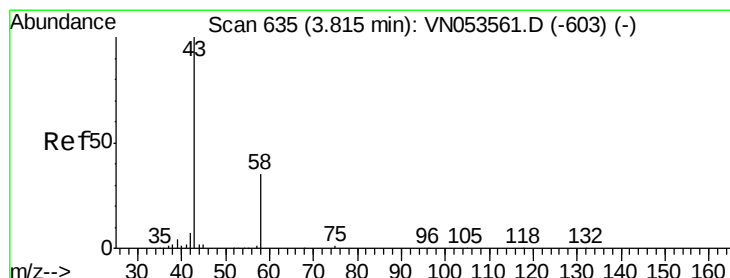
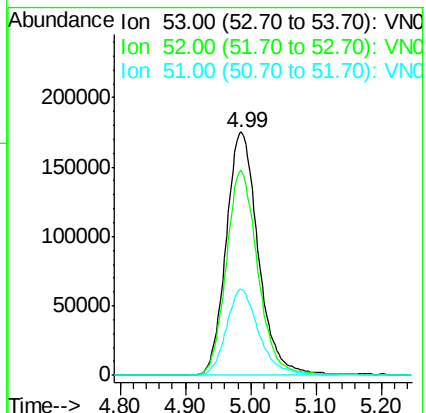
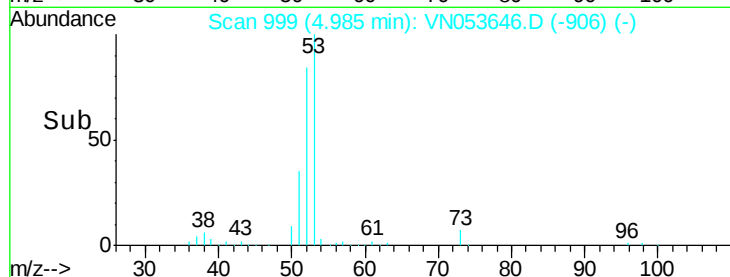
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.0	99.0
51	35.9	28.3	42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 257.428 ug/l

RT: 3.82 min Scan# 635

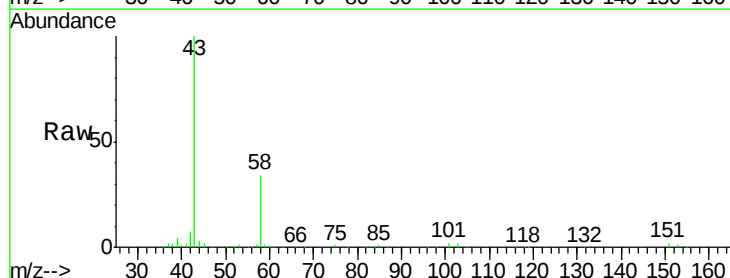
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

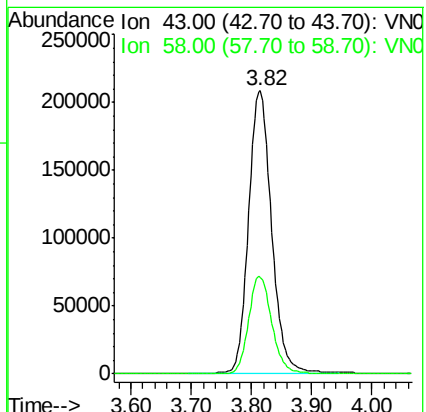
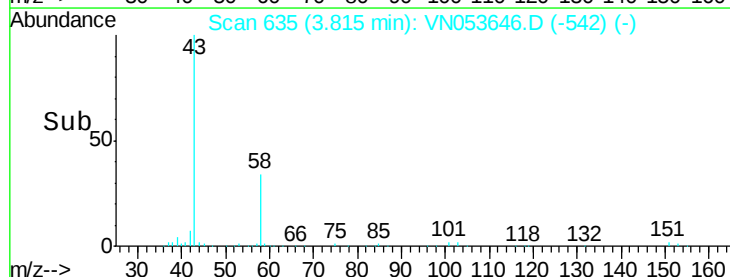
Tgt Ion: 43 Resp: 558550

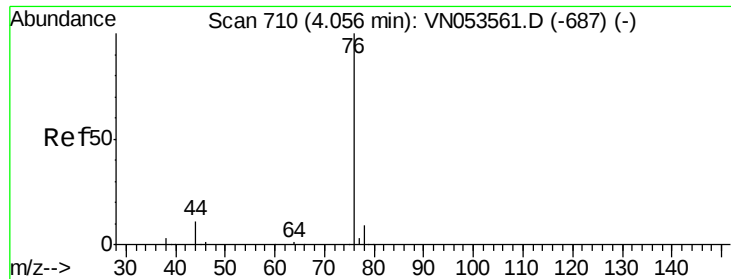
Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.1	40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 41.541 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053646.D

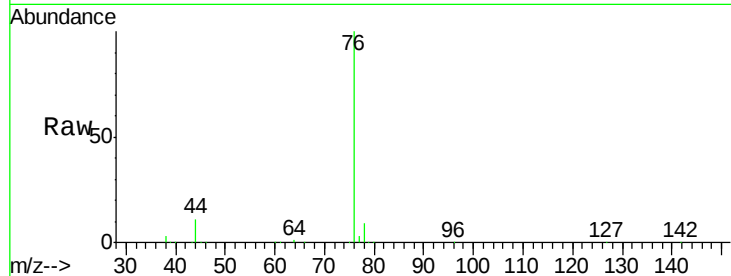
Acq: 7 Feb 2019 10:32

Tot Ion: 76 Resp: 1009996

Ion Ratio Lower Upper

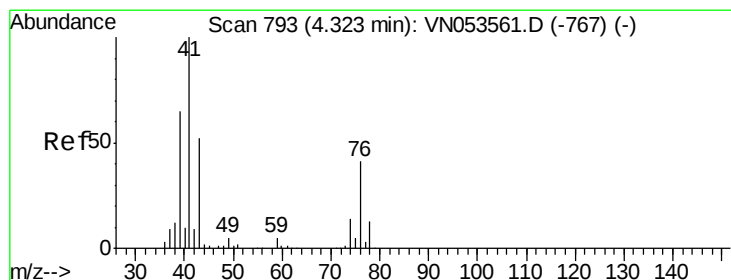
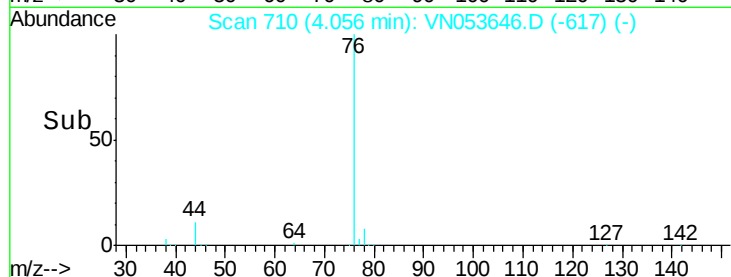
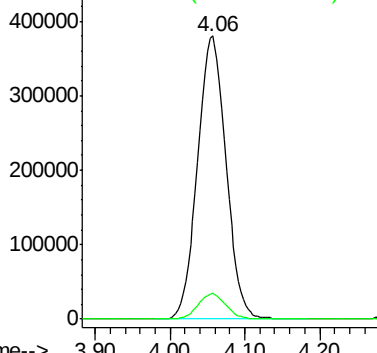
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 43.783 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053646.D

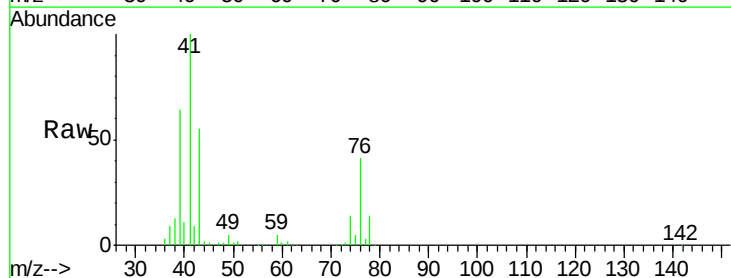
Acq: 7 Feb 2019 10:32

Tgt Ion: 43 Resp: 281337

Ion Ratio Lower Upper

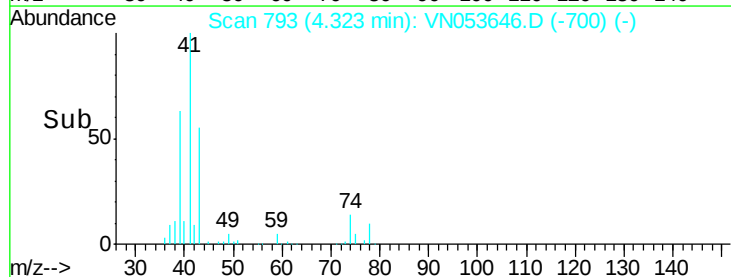
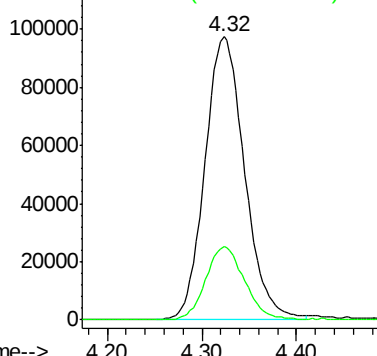
43 100

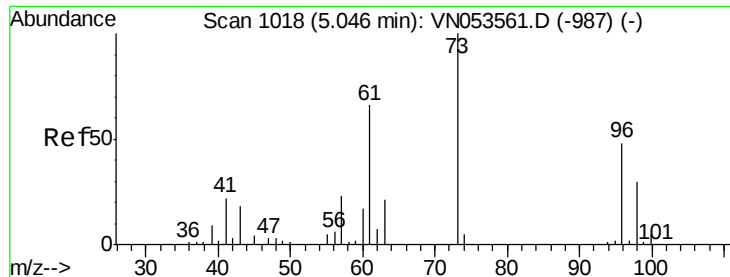
74 25.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

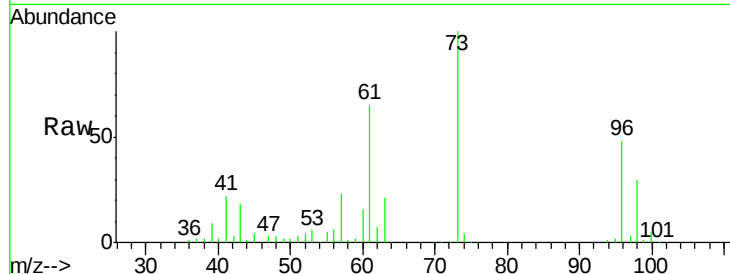




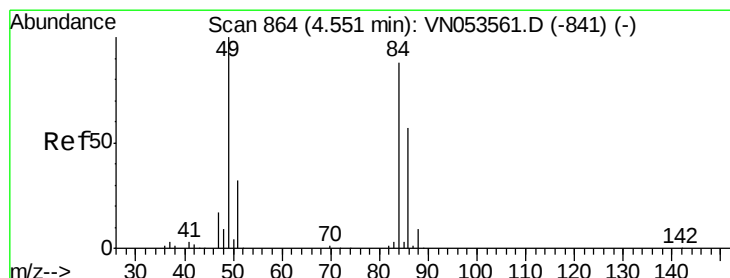
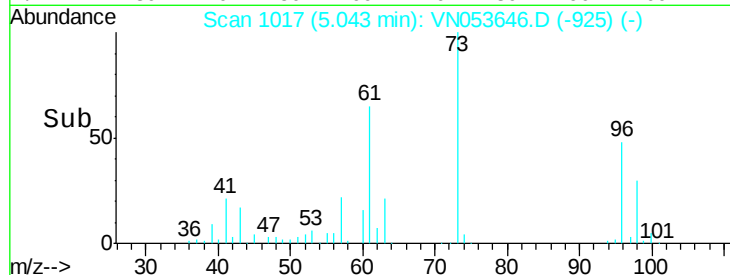
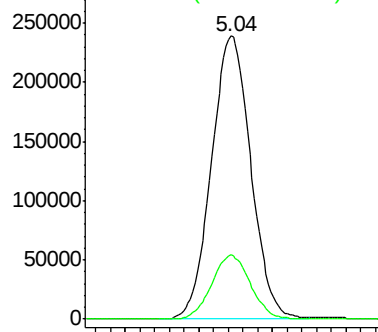
#19

Methyl tert-butyl Ether
 Concen: 44.972 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

Tot Ion: 73 Resp: 890192
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.3 27.5



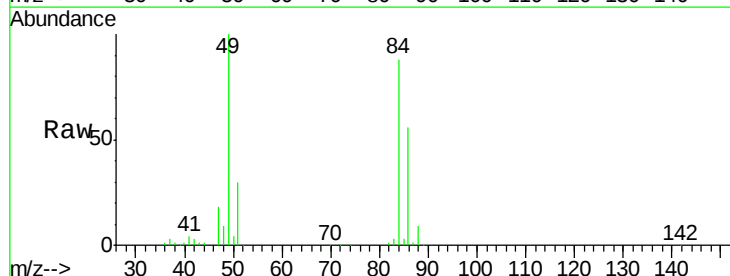
Abundance Ion 73.00 (72.70 to 73.70): VN053561.D (-987) (-)
 Ion 57.00 (56.70 to 57.70): VN053561.D (-987) (-)



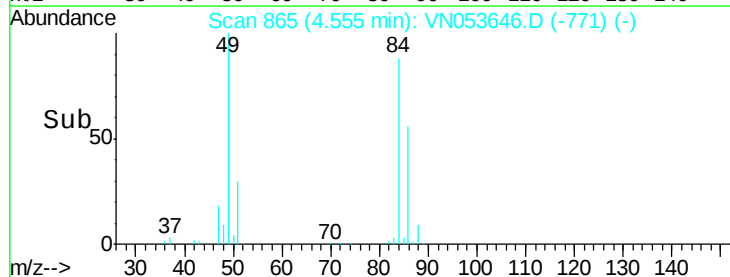
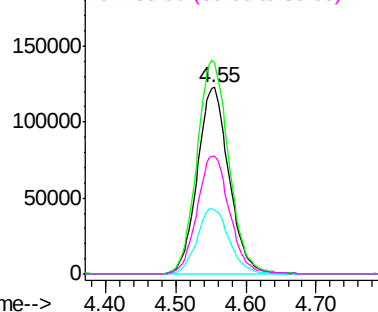
#20

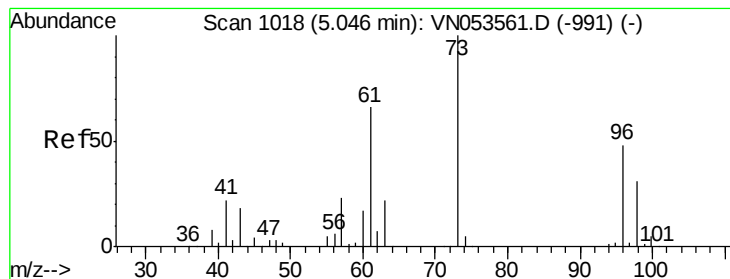
Methylene Chloride
 Concen: 42.334 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

Tgt Ion: 84 Resp: 385364
 Ion Ratio Lower Upper
 84 100
 49 113.4 94.3 141.5
 51 34.5 29.4 44.2
 86 63.4 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VN053561.D (-841) (-)
 Ion 48.90 (48.60 to 49.60): VN053561.D (-841) (-)
 Ion 50.90 (50.60 to 51.60): VN053561.D (-841) (-)
 Ion 85.90 (85.60 to 86.60): VN053561.D (-841) (-)





#21

trans-1,2-Dichloroethene

Concen: 43.341 ug/l

RT: 5.05 min Scan# 1018

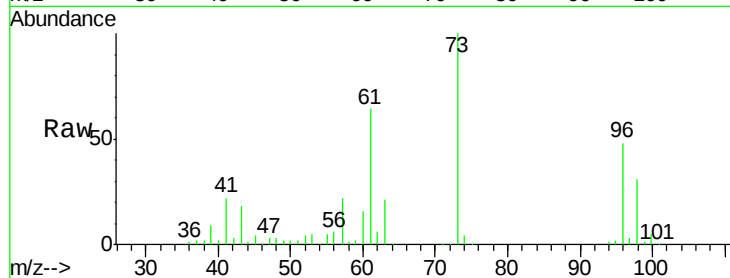
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion: 96 Resp: 365105

Ion	Ratio	Lower	Upper
96	100		
61	135.0	110.1	165.1
98	63.9	50.0	75.0

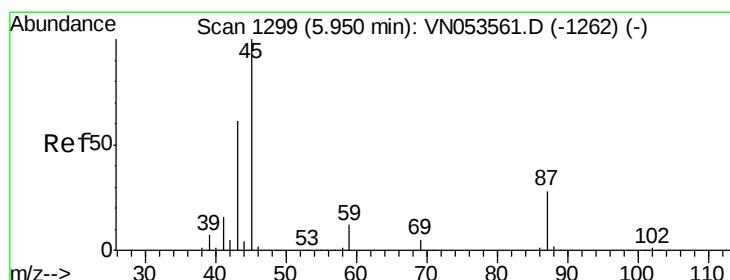
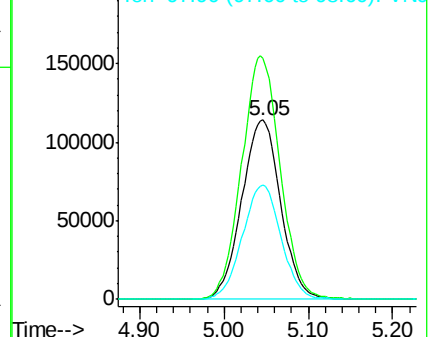
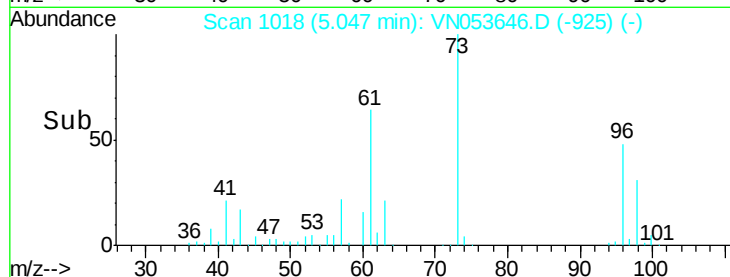


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 45.834 ug/l

RT: 5.95 min Scan# 1299

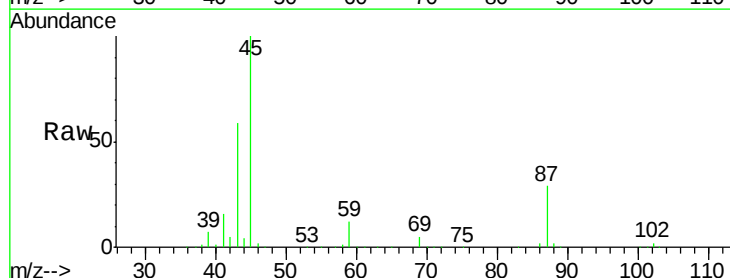
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tgt Ion: 45 Resp: 1055849

Ion	Ratio	Lower	Upper
45	100		
43	58.1	44.2	66.4
87	28.2	22.7	34.1
59	11.7	9.4	14.2



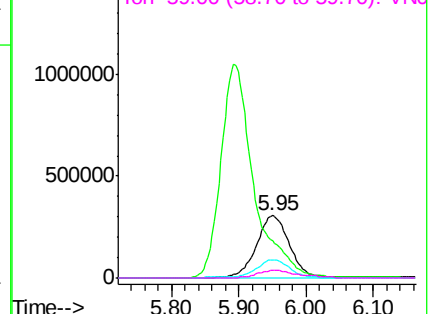
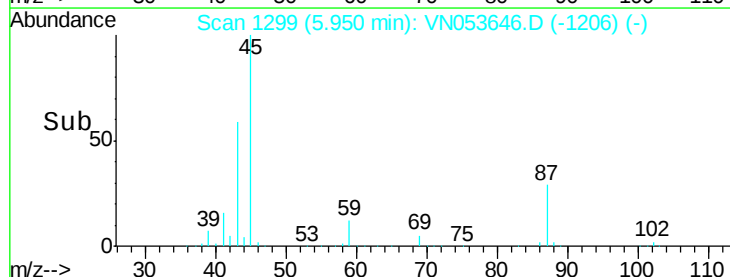
Abundance

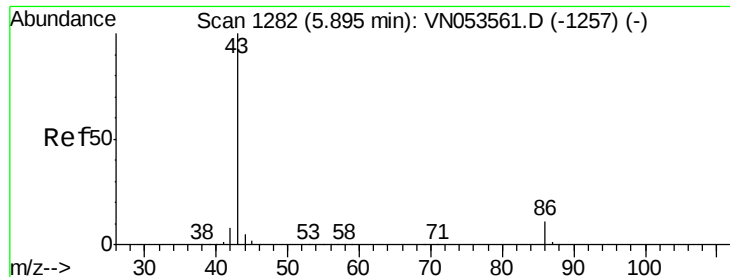
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 225.611 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN053646.D

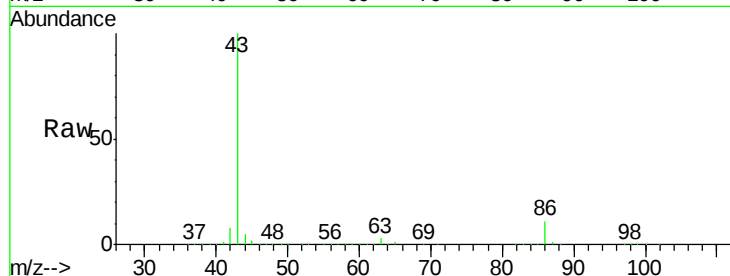
Acq: 7 Feb 2019 10:32

Tot Ion: 43 Resp: 3595352

Ion Ratio Lower Upper

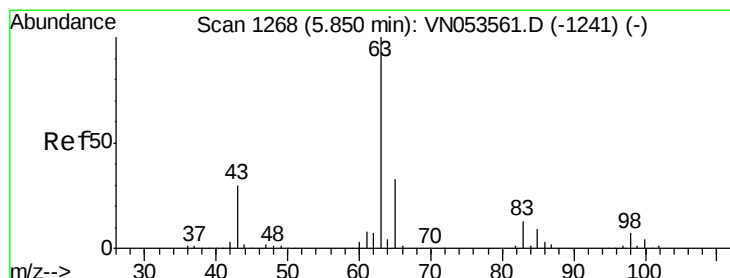
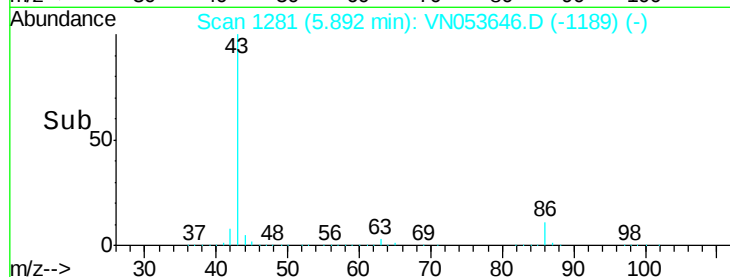
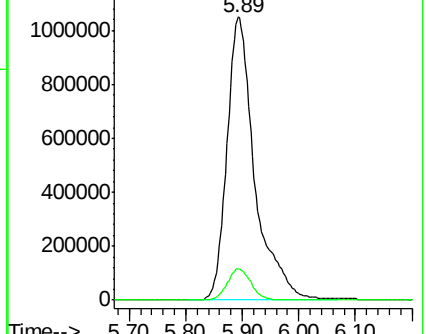
43 100

86 11.1 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 43.866 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

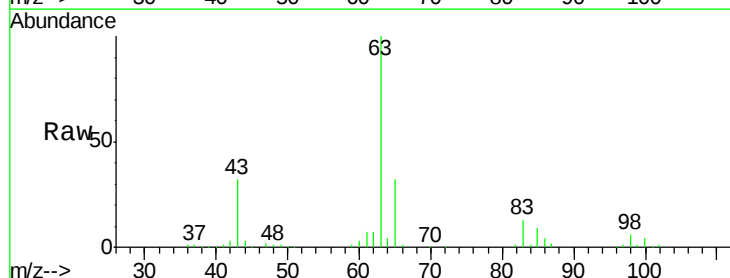
Tgt Ion: 63 Resp: 673999

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

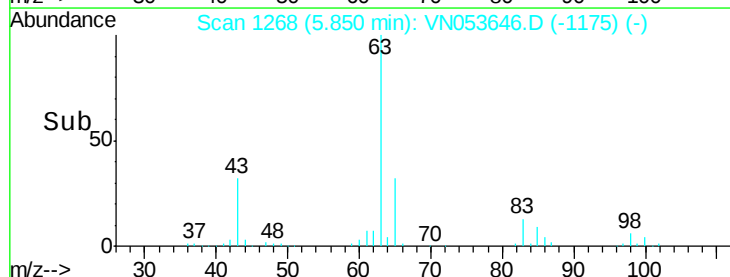
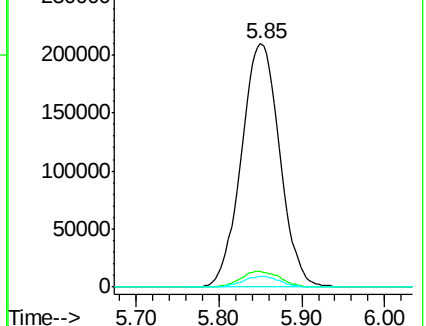
100 4.4 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

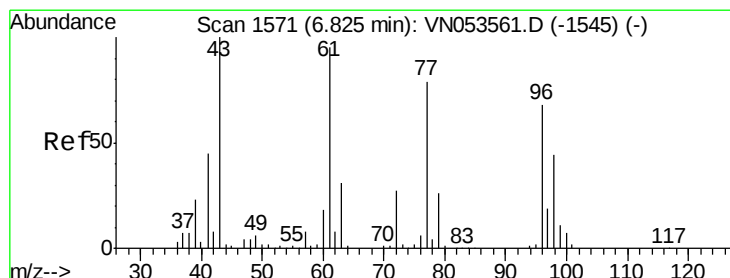
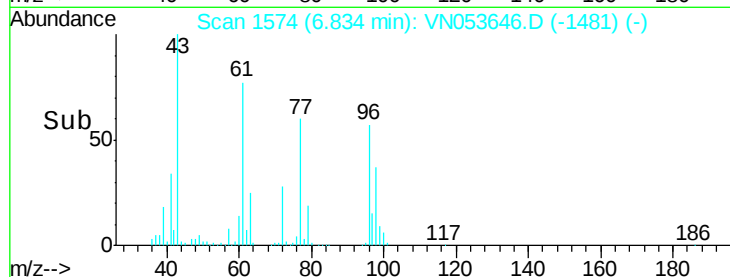
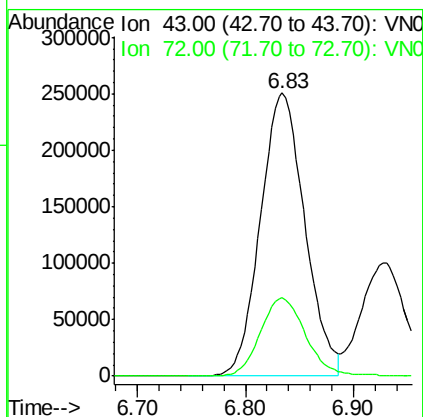
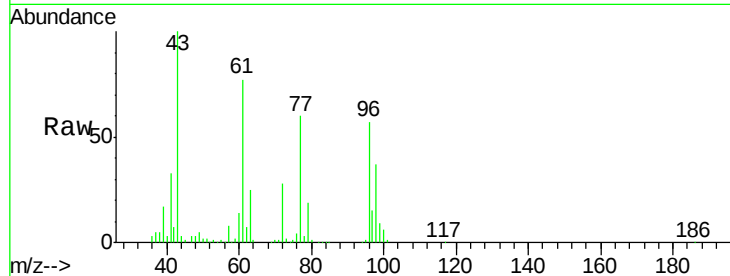
Ion 99.90 (99.60 to 100.60): VN0





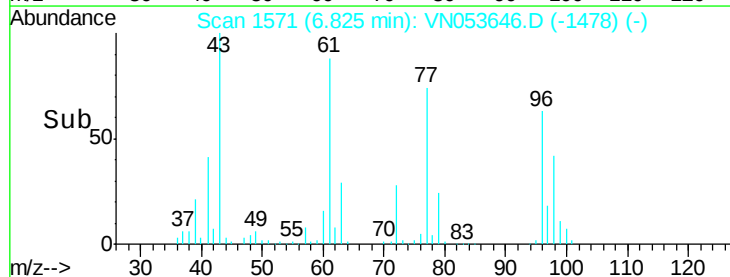
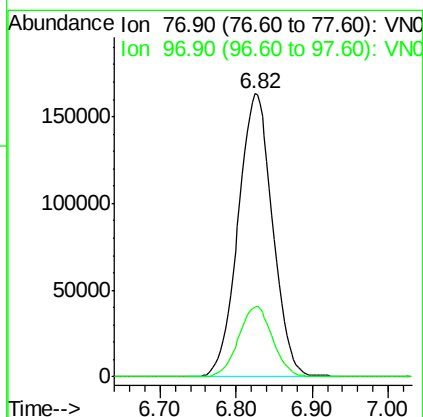
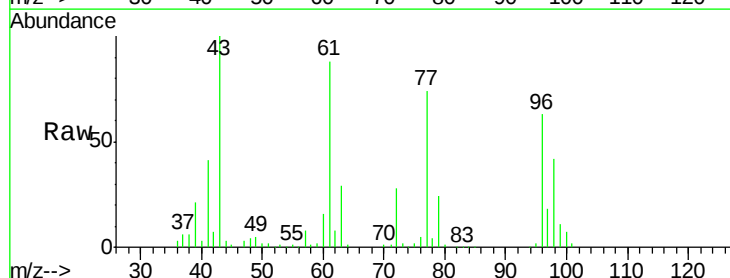
#25
2-Butanone
Concen: 230.209 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tot Ion: 43 Resp: 712386
Ion Ratio Lower Upper
43 100
72 27.7 22.0 33.0



#26
2,2-Dichloropropane
Concen: 43.848 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion: 77 Resp: 514294
Ion Ratio Lower Upper
77 100
97 24.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 44.716 ug/l

RT: 6.83 min Scan# 1573

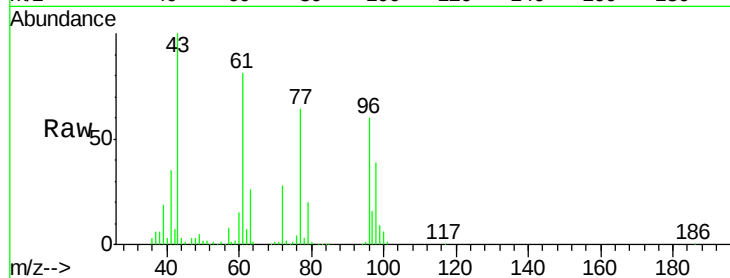
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion: 96 Resp: 418867

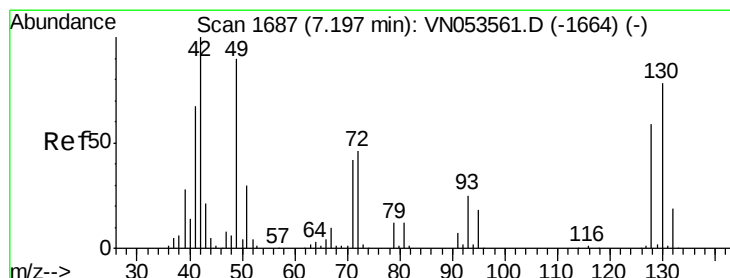
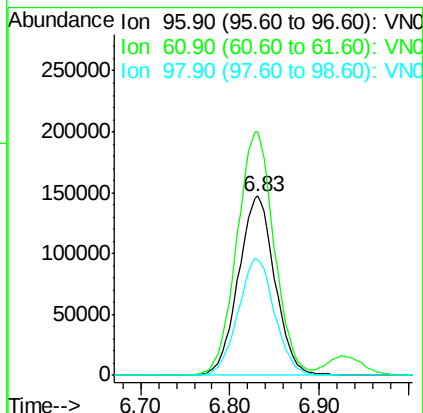
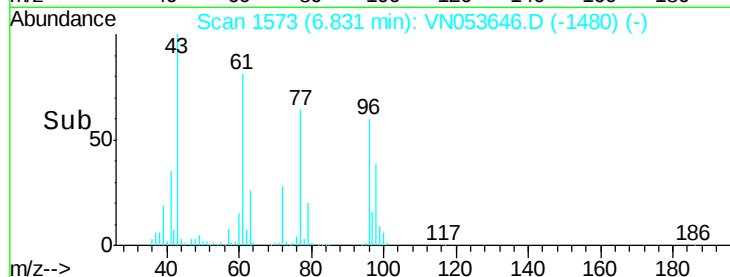
Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	283.8
98	65.1	0.0	129.2



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



#28

Bromochloromethane

Concen: 43.532 ug/l

RT: 7.19 min Scan# 1686

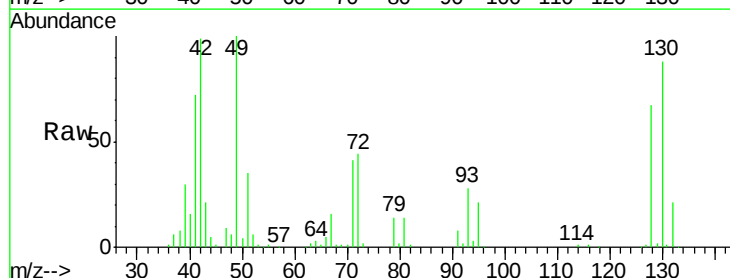
Delta R.T. -0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tgt Ion: 49 Resp: 290258

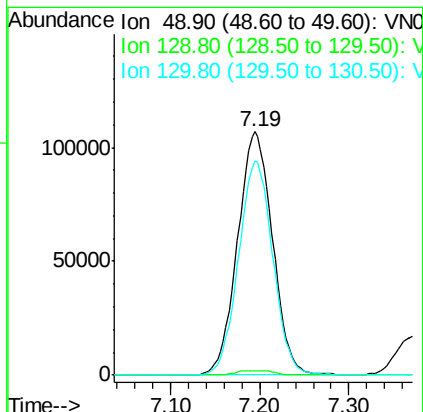
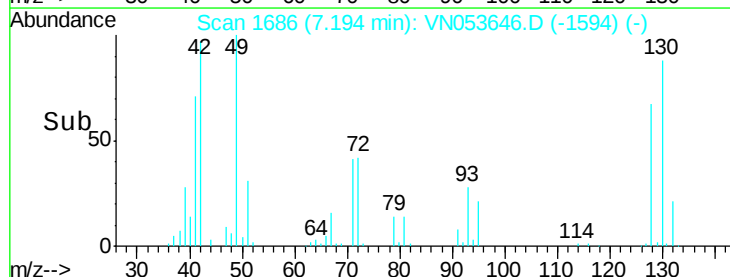
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	86.4	66.3	99.5



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 219.698 ug/l

RT: 7.21 min Scan# 1691

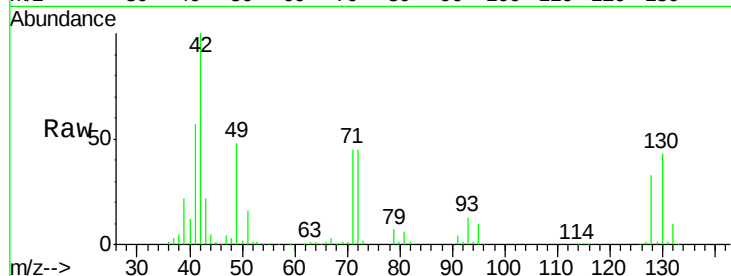
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion: 42 Resp: 436557

Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.2	52.8
71	43.0	33.0	49.4

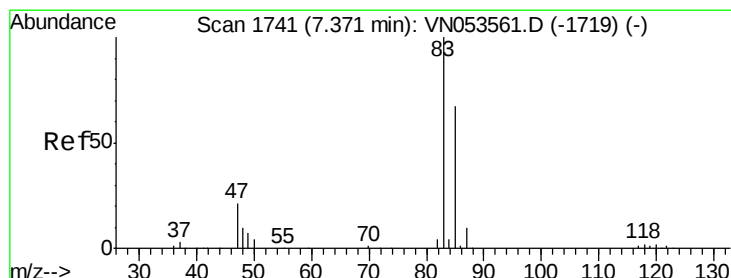
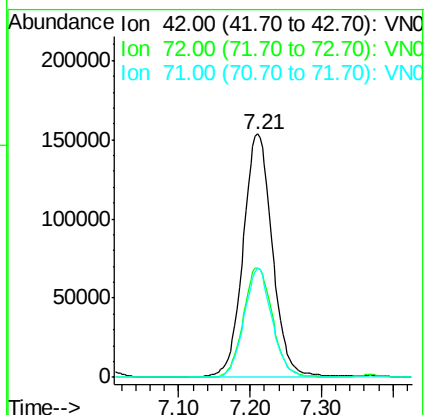
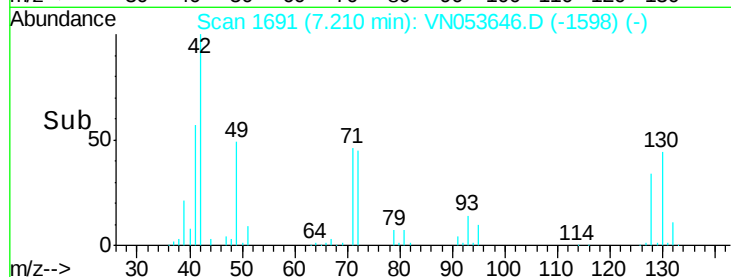


Abundance

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: 43.990 ug/l

RT: 7.37 min Scan# 1741

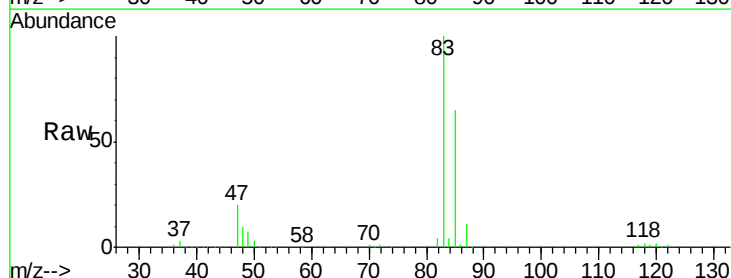
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tgt Ion: 83 Resp: 670015

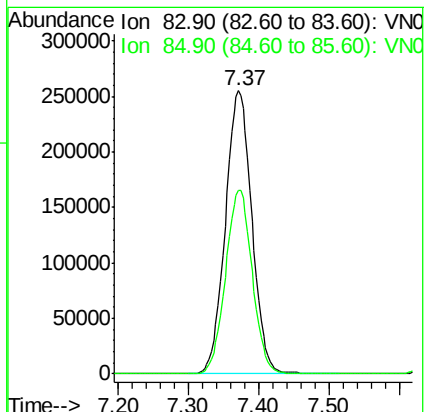
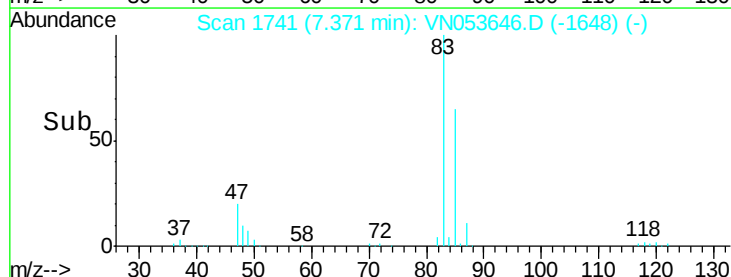
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.2

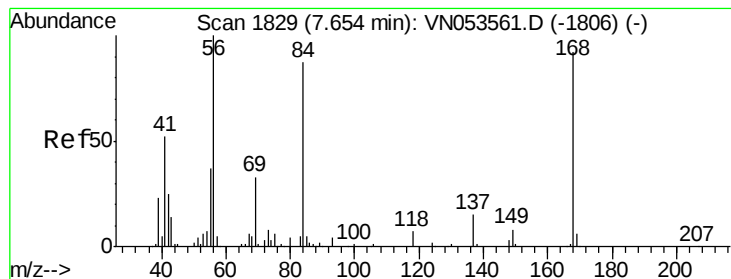


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 42.732 ug/l

RT: 7.65 min Scan# 1829

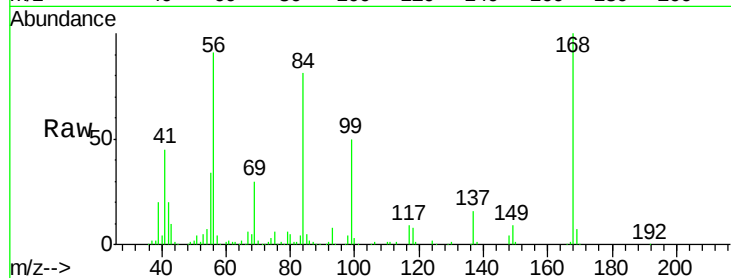
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion: 56 Resp: 611644

Ion	Ratio	Lower	Upper
56	100		
69	33.1	26.4	39.6
84	87.8	67.9	101.9

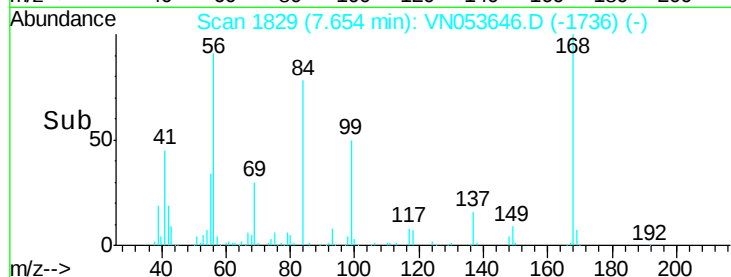


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

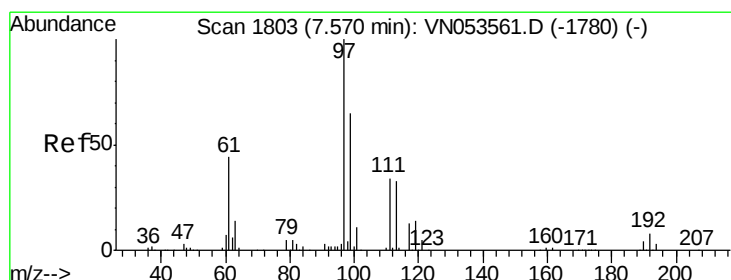


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 44.540 ug/l

RT: 7.57 min Scan# 1802

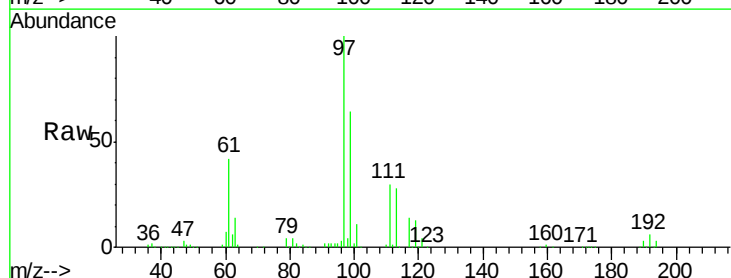
Delta R.T. -0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tgt Ion: 97 Resp: 564562

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	42.5	34.4	51.6

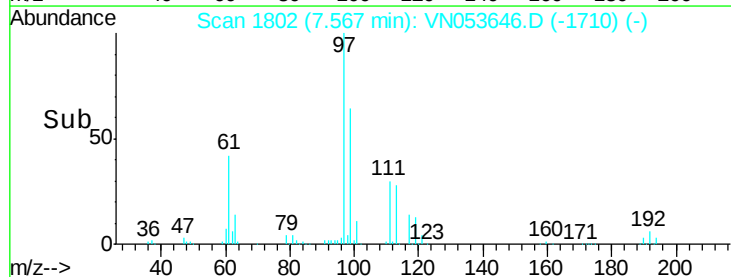


Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

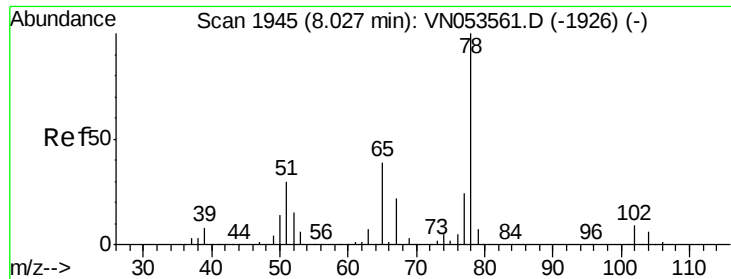


Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 44.540 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053646.D

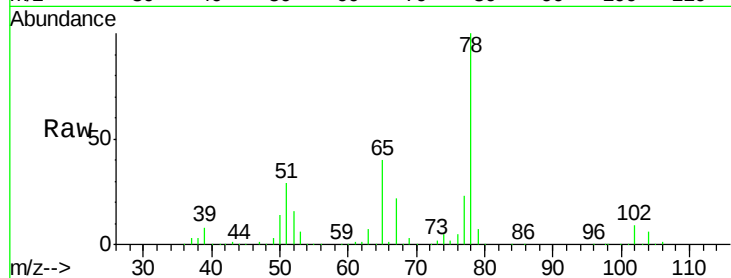
Acq: 7 Feb 2019 10:32

Tot Ion: 65 Resp: 385395

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053646.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053646.D (-1852) (-)

8.03

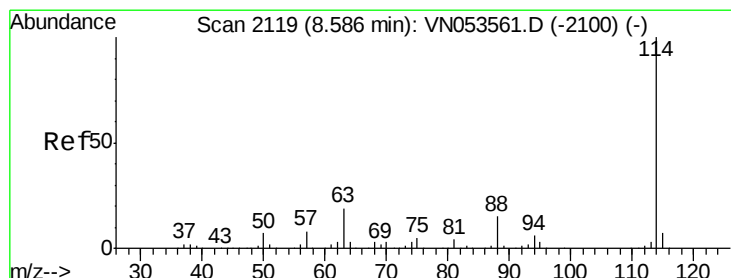
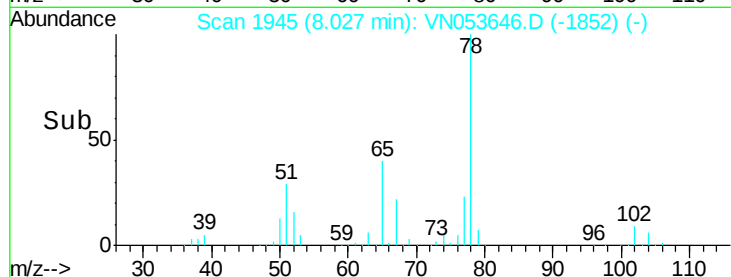
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

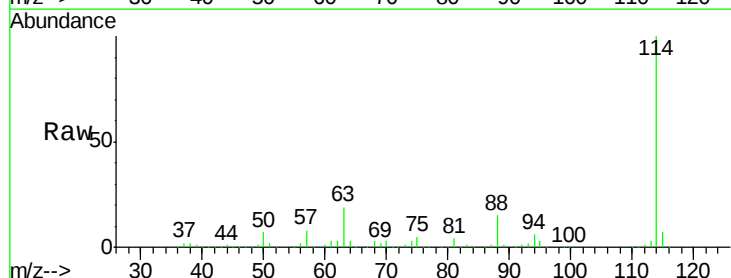
Tgt Ion: 114 Resp: 1225401

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053646.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053646.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053646.D (-2026) (-)

8.58

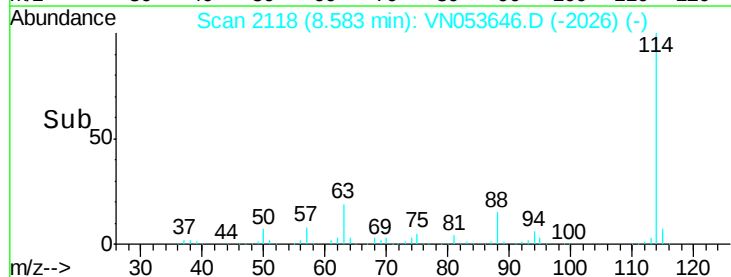
600000

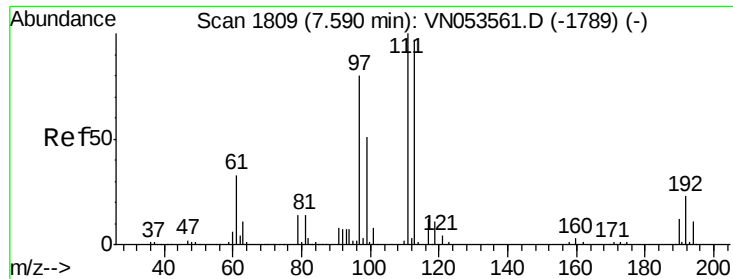
400000

200000

0

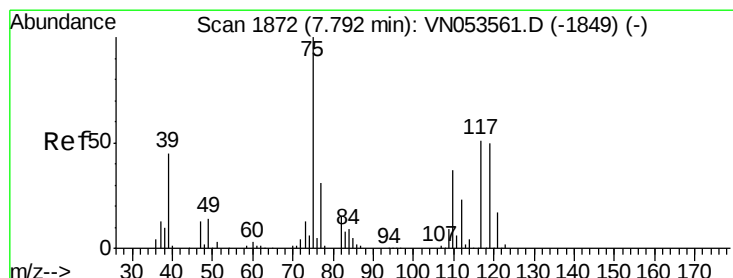
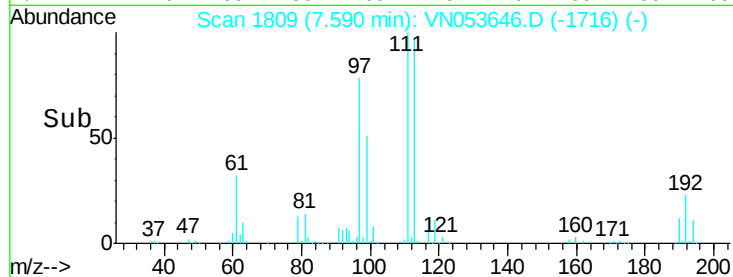
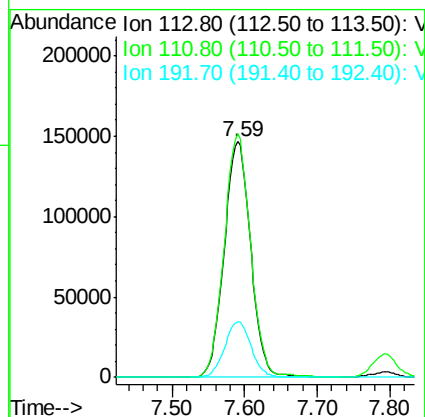
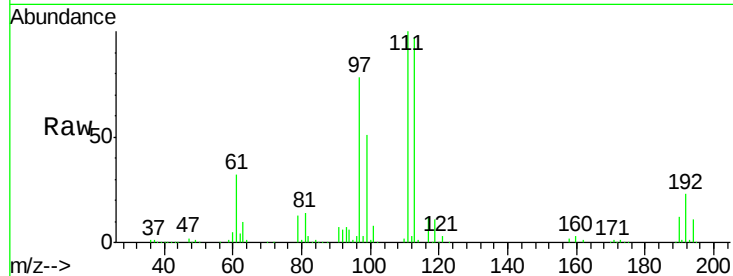
Time-->





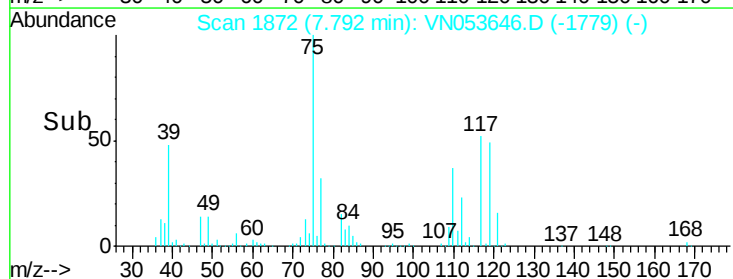
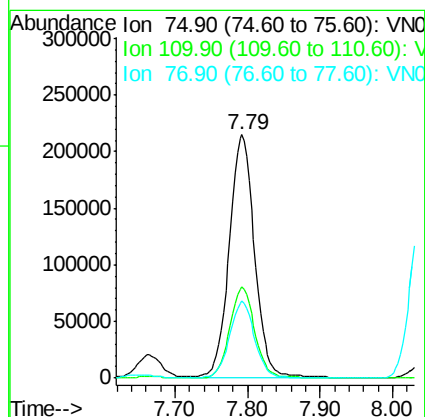
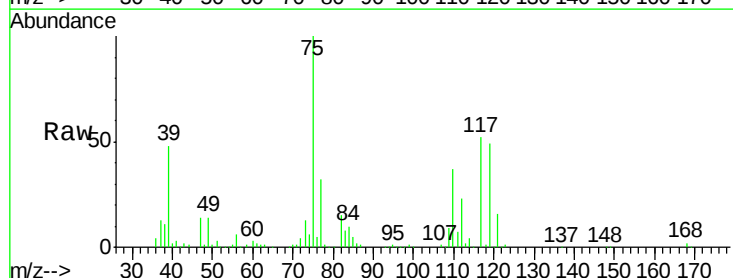
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

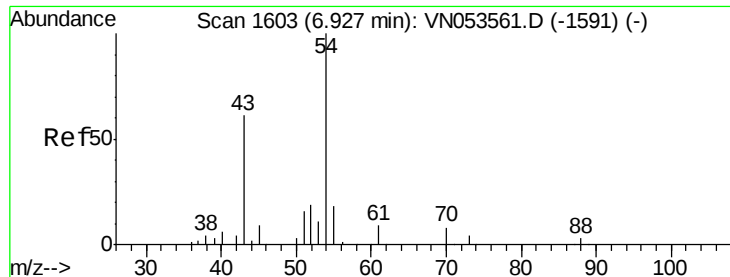
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	23.5	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 47.231 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

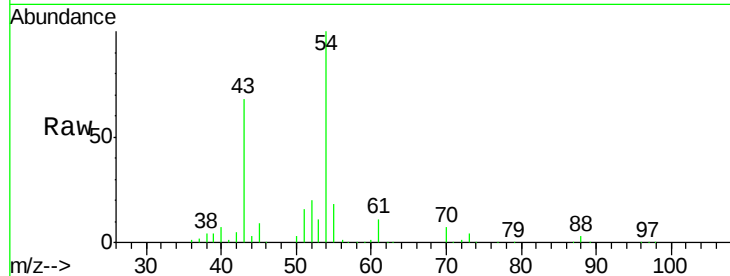
Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.1	54.3
77	31.0	25.1	37.7



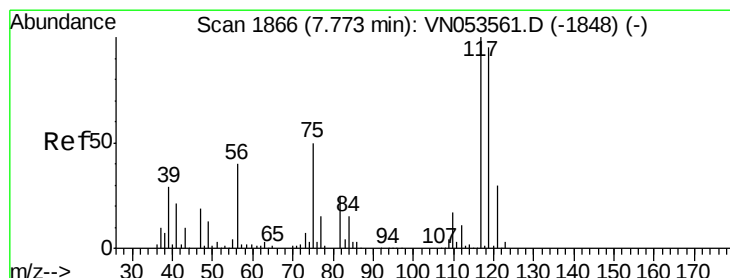
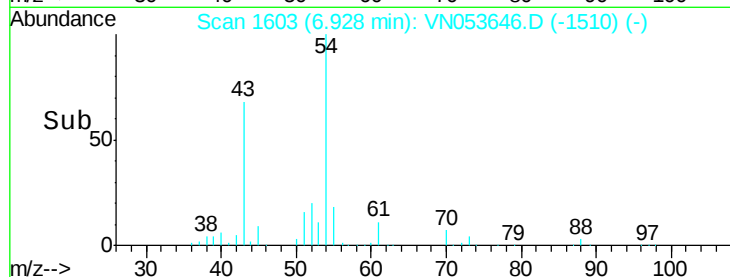
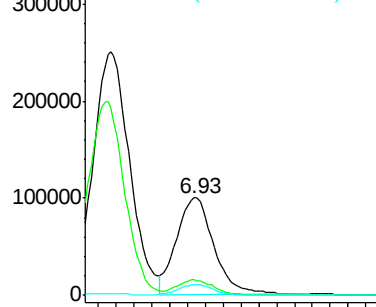


#37
Ethyl Acetate
Concen: 47.363 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tot Ion: 43 Resp: 292201
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 10.7 8.6 12.8

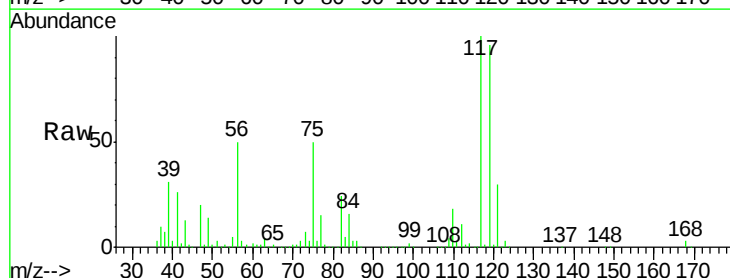


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

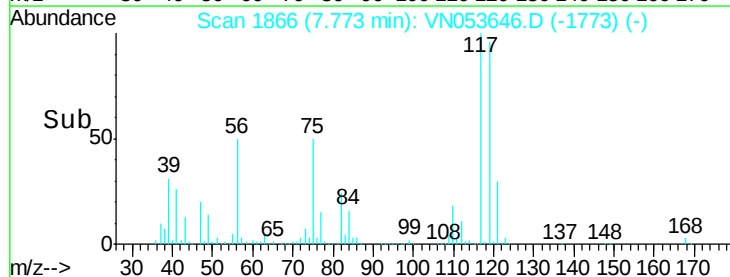
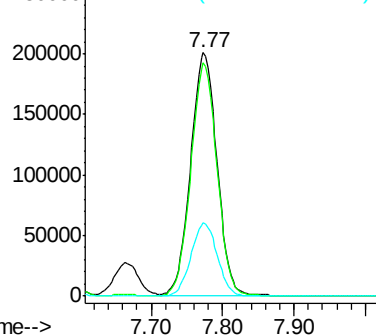


#38
Carbon Tetrachloride
Concen: 46.391 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion: 117 Resp: 516237
Ion Ratio Lower Upper
117 100
119 95.8 77.2 115.8
121 30.0 24.6 37.0



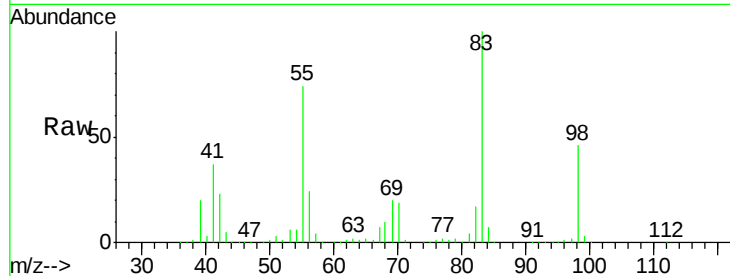
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



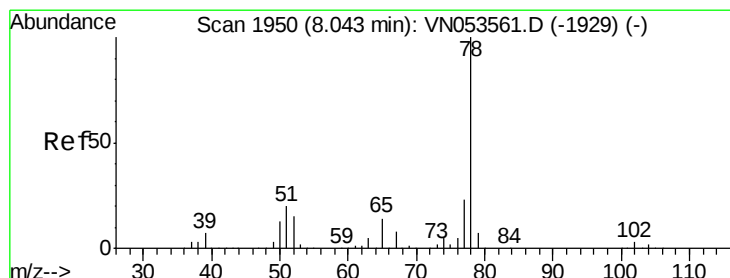
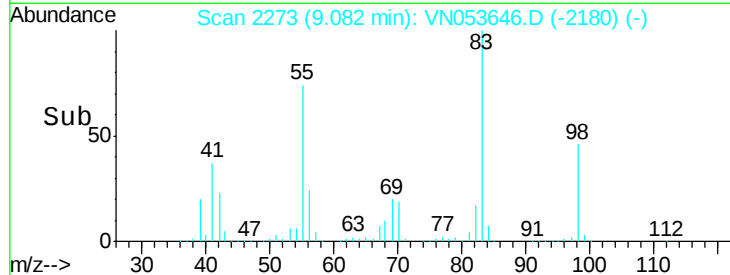
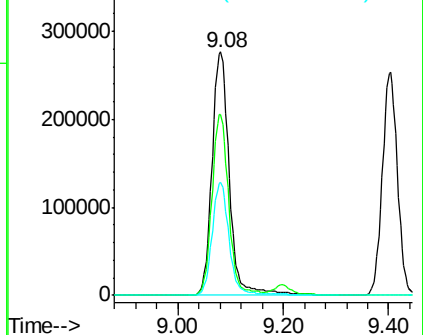


#39
Methvlcvclohexane
Concen: 48.339 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tot Ion: 83 Resp: 633498
Ion Ratio Lower Upper
83 100
55 74.1 60.1 90.1
98 46.4 36.6 55.0

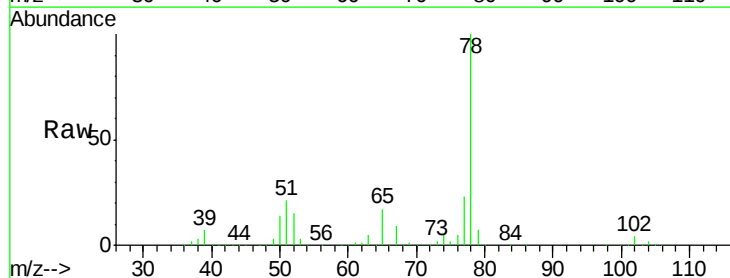


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

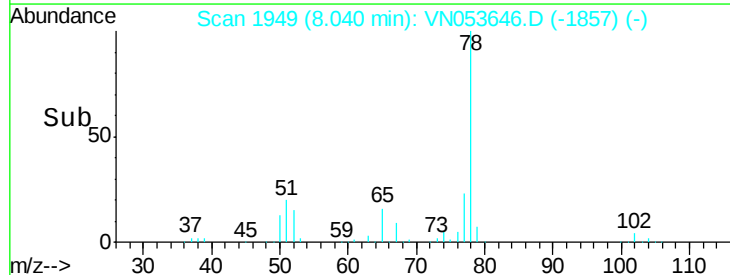
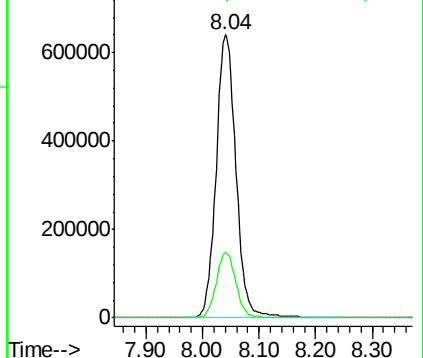


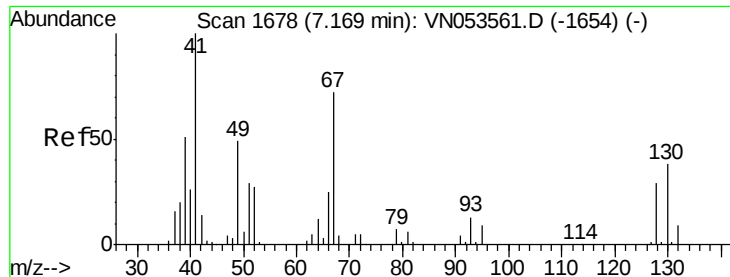
#40
Benzene
Concen: 45.688 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion: 78 Resp: 1556315
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 46.848 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion: 41 Resp: 161535

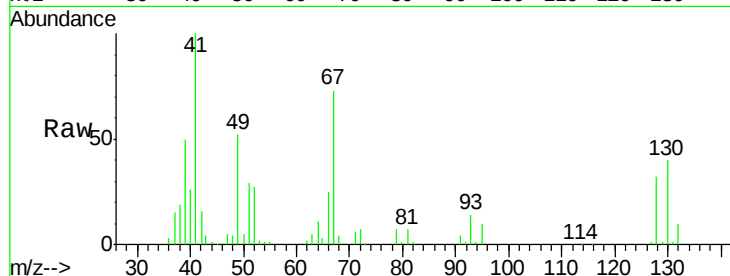
Ion Ratio Lower Upper

41 100

39 65.6 46.8 70.2

67 88.7 63.0 94.6

52 34.3 23.8 35.8

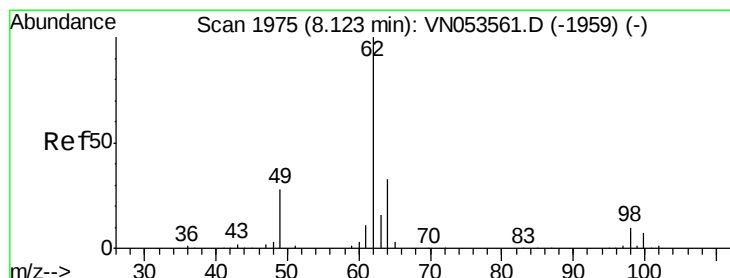
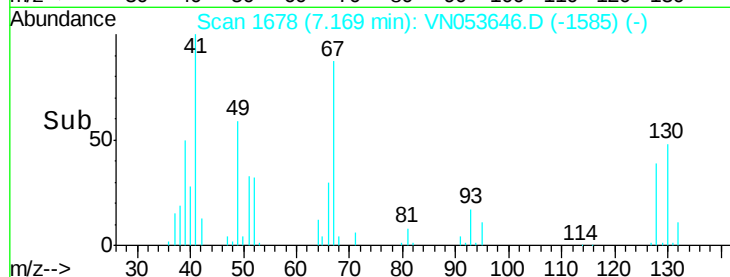
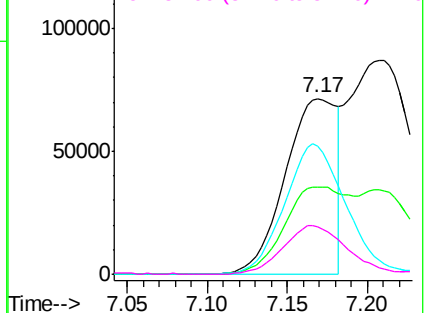


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 45.309 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053646.D

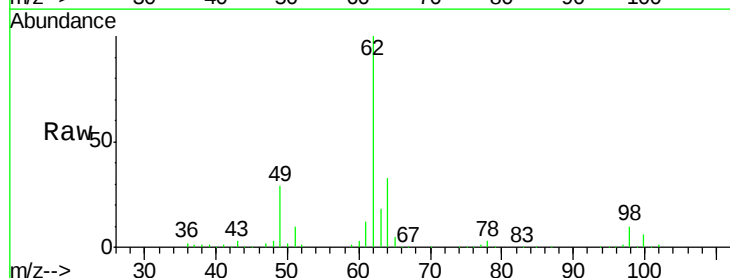
Acq: 7 Feb 2019 10:32

Tgt Ion: 62 Resp: 458269

Ion Ratio Lower Upper

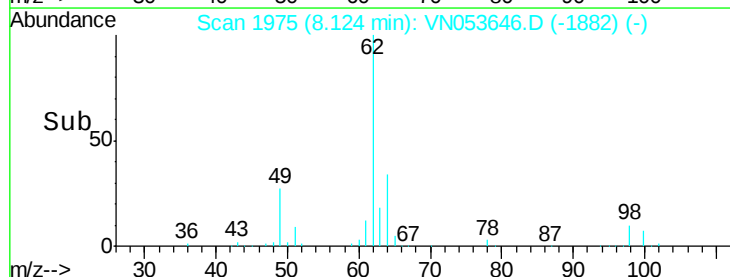
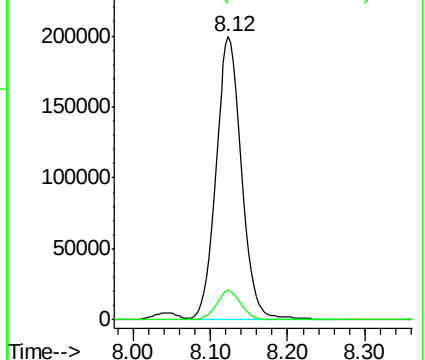
62 100

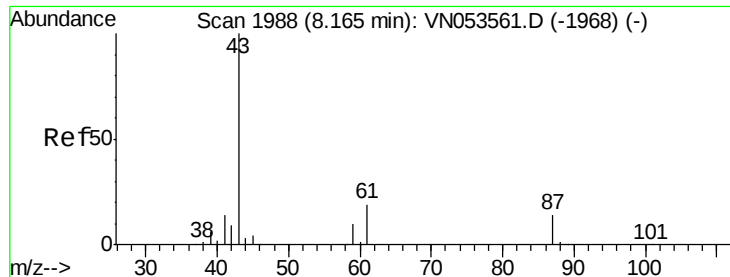
98 10.1 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 42.208 ug/l

RT: 8.16 min Scan# 1987

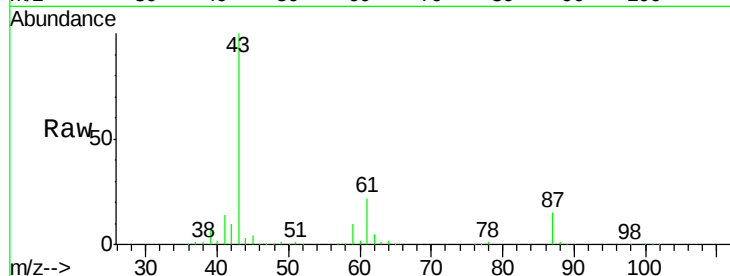
Delta R.T. -0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion: 43 Resp: 502884

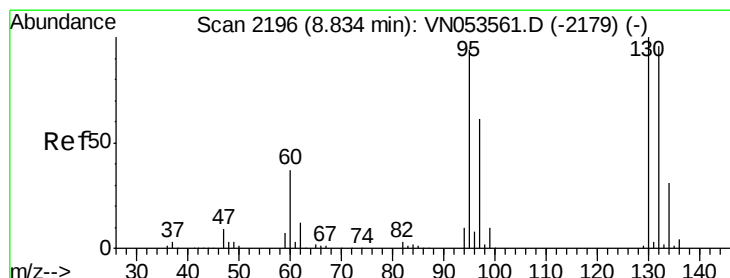
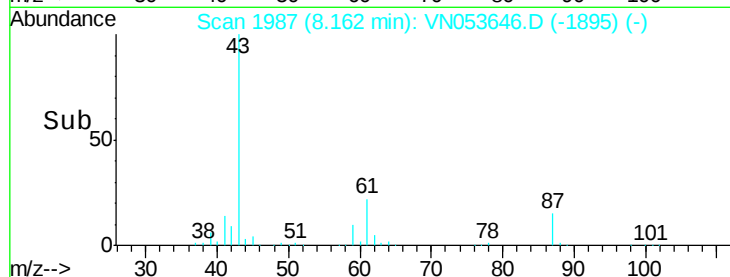
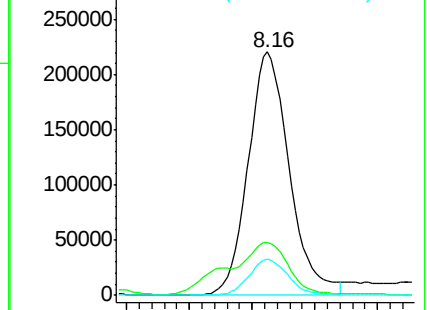
Ion	Ratio	Lower	Upper
43	100		
61	21.8	23.9	35.9#
87	14.6	11.0	16.6



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: 45.151 ug/l

RT: 8.83 min Scan# 2196

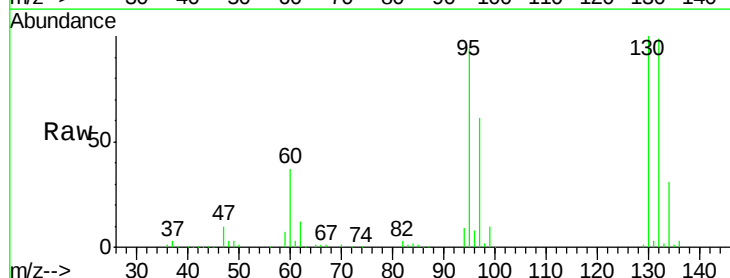
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

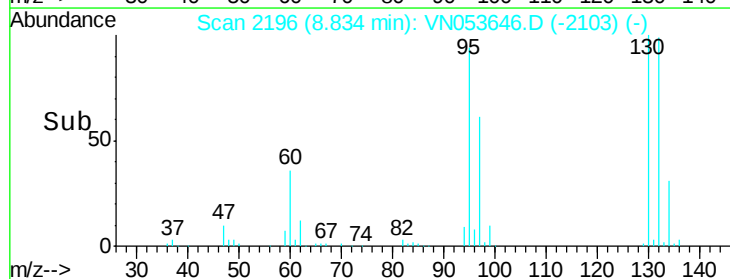
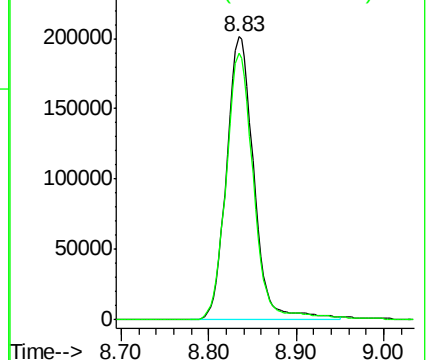
Tgt Ion: 130 Resp: 437865

Ion	Ratio	Lower	Upper
130	100		
95	94.4	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: 46.575 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053646.D

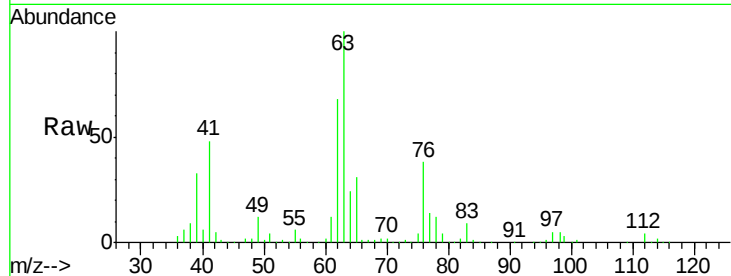
Acq: 7 Feb 2019 10:32

Tot Ion: 63 Resp: 405791

Ion Ratio Lower Upper

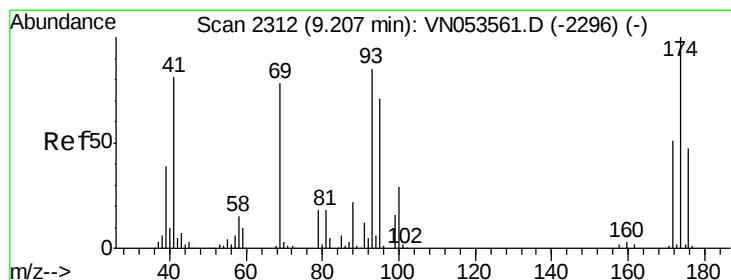
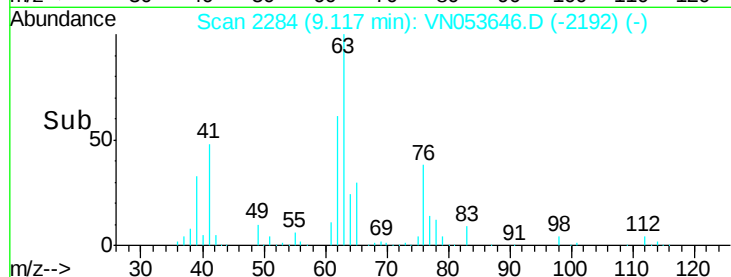
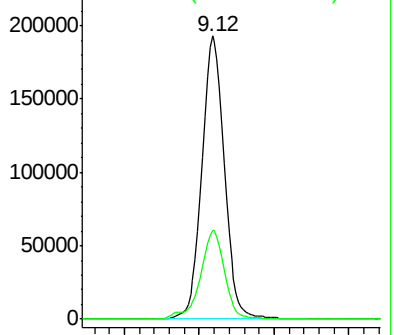
63 100

65 31.4 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 45.258 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

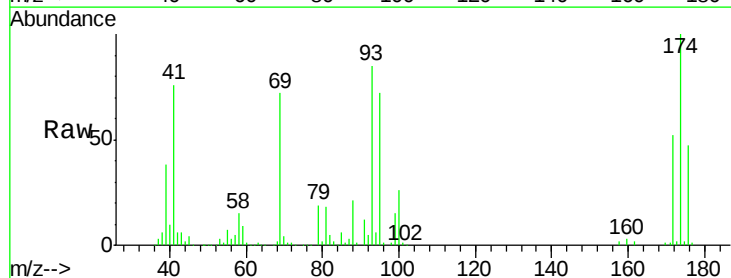
Tgt Ion: 93 Resp: 237700

Ion Ratio Lower Upper

93 100

95 83.6 67.3 100.9

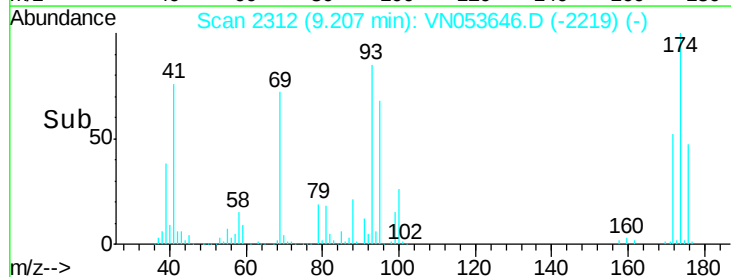
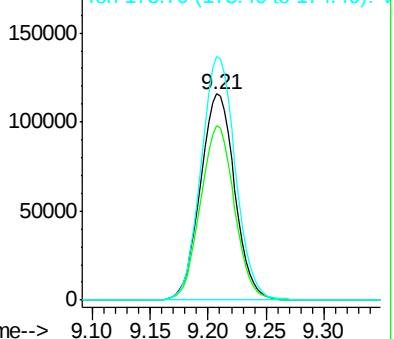
174 118.3 91.0 136.4



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





#47

Bromodichloromethane

Concen: 46.906 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

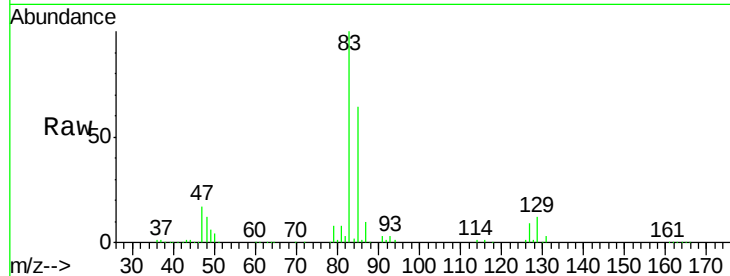
Tot Ion: 83 Resp: 512215

Ion Ratio Lower Upper

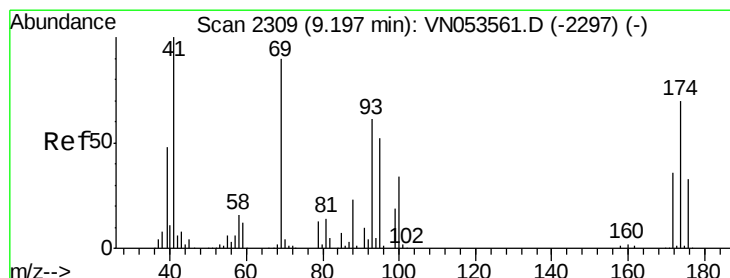
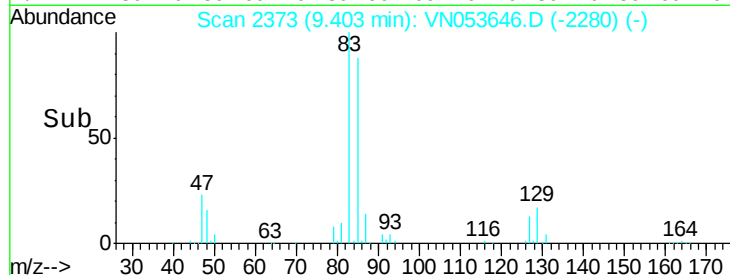
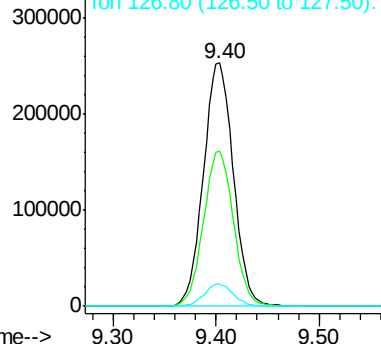
83 100

85 63.9 51.0 76.6

127 9.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053646.D (-2280) (-)



#48

Methyl methacrylate

Concen: 43.096 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

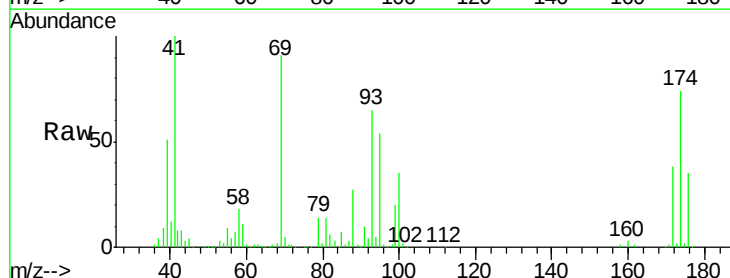
Tgt Ion: 41 Resp: 245097

Ion Ratio Lower Upper

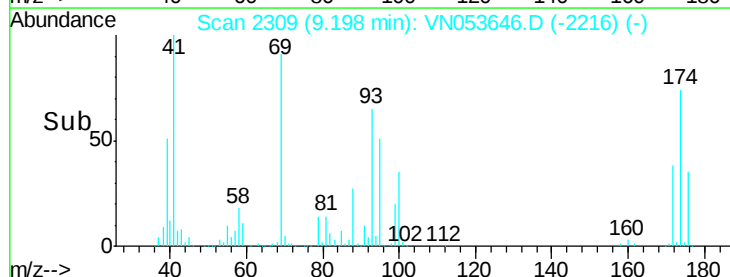
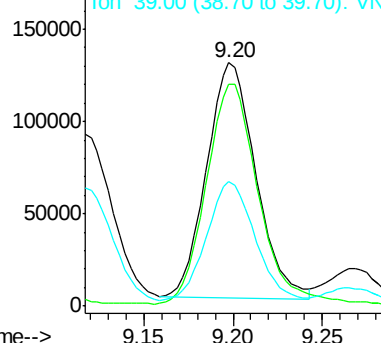
41 100

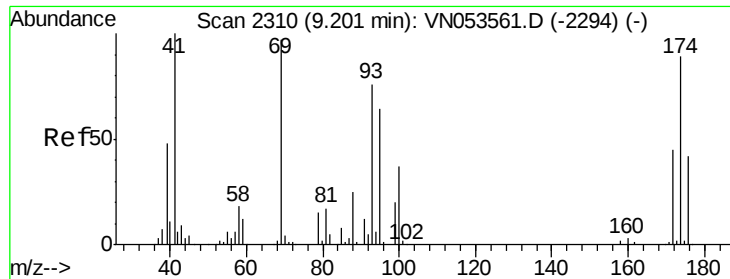
69 102.7 73.8 110.6

39 55.0 40.0 60.0



Abundance Ion 41.00 (40.70 to 41.70): VN053646.D (-2216) (-)





#49

1,4-Dioxane

Concen: 917.924 ug/l

RT: 9.20 min Scan# 2309

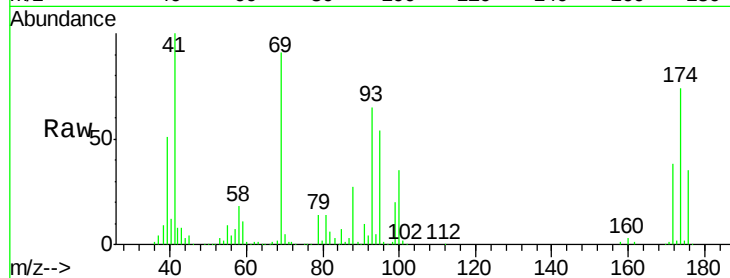
Delta R.T. -0.00 min

Lab File: VN053646.D

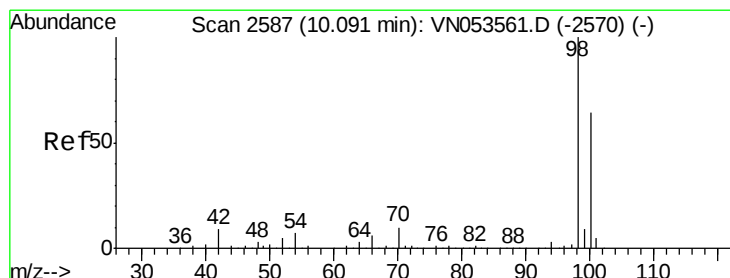
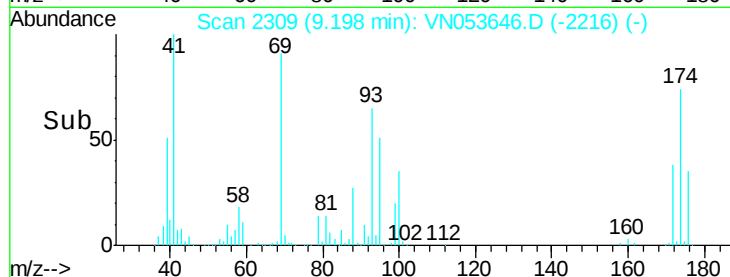
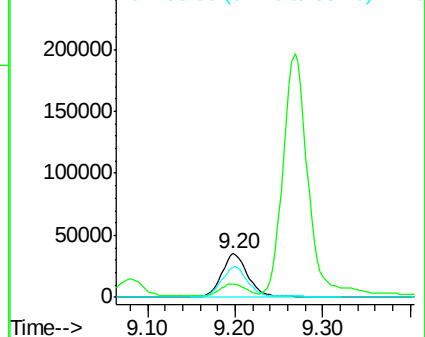
Acq: 7 Feb 2019 10:32

Tot Ion: 88 Resp: 75369

Ion	Ratio	Lower	Upper
88	100		
43	27.6	27.8	41.6#
58	68.3	56.5	84.7



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



#50

Toluene-d8

Concen: 917.924 ug/l

RT: 10.09 min Scan# 2587

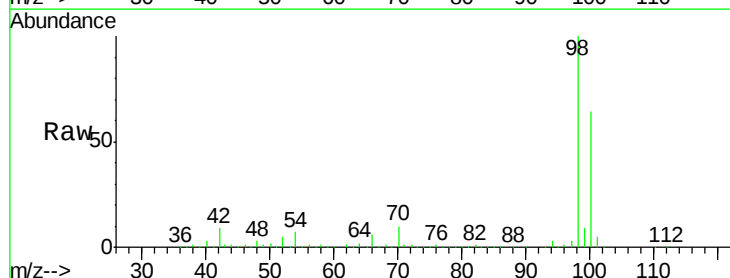
Delta R.T. 0.00 min

Lab File: VN053646.D

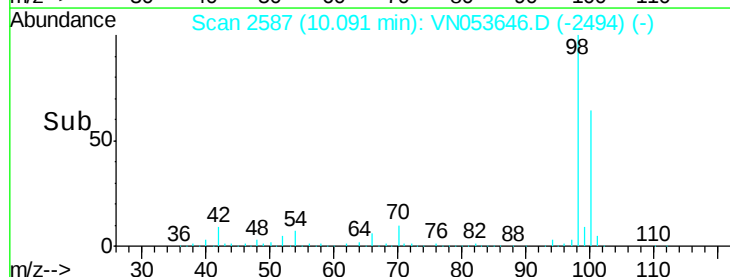
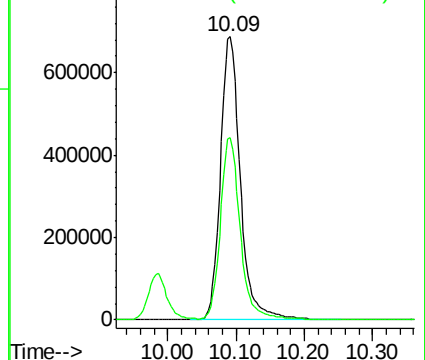
Acq: 7 Feb 2019 10:32

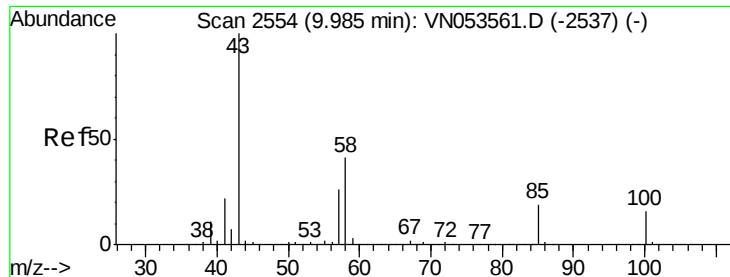
Tgt Ion: 98 Resp: 1393160

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.0



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





#51

4-Methyl-2-Pentanone

Concen: 231.619 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN053646.D

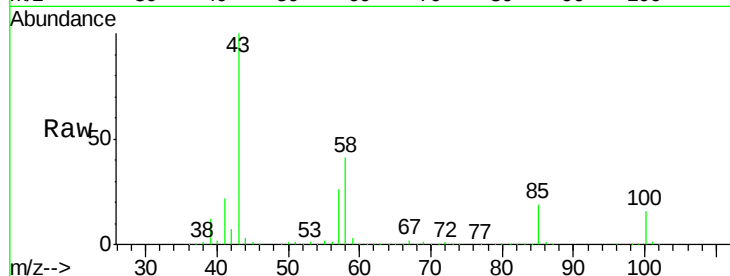
Acq: 7 Feb 2019 10:32

Tot Ion: 43 Resp: 1356070

Ion Ratio Lower Upper

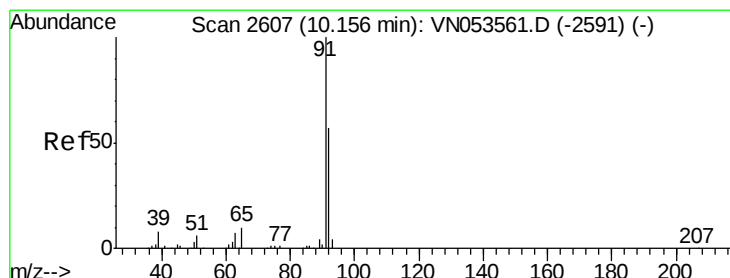
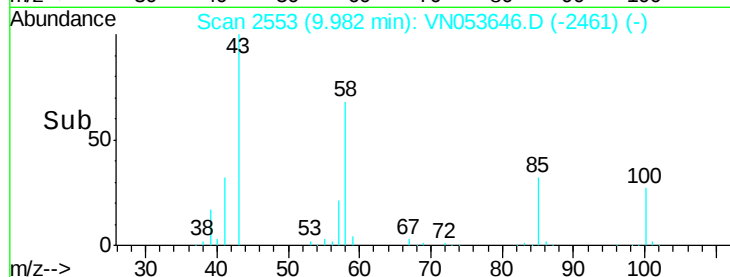
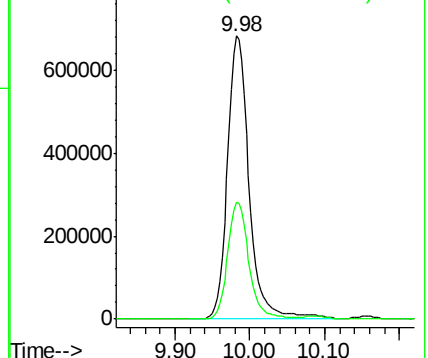
43 100

58 40.8 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 47.049 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053646.D

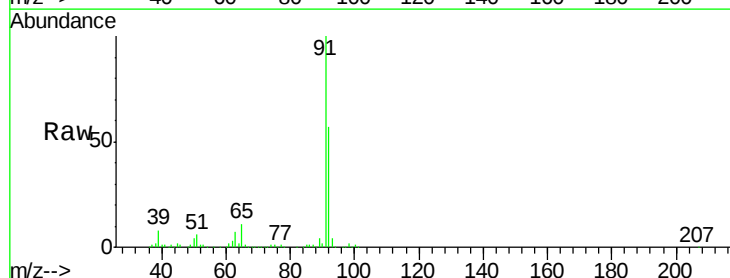
Acq: 7 Feb 2019 10:32

Tgt Ion: 92 Resp: 951181

Ion Ratio Lower Upper

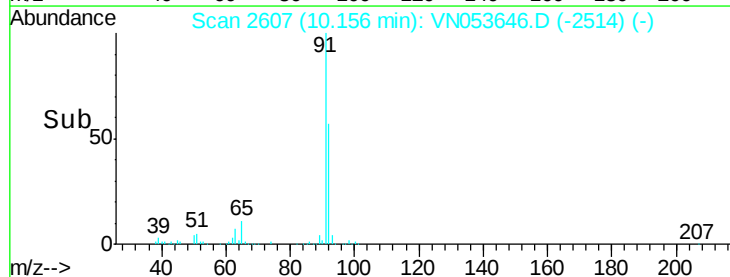
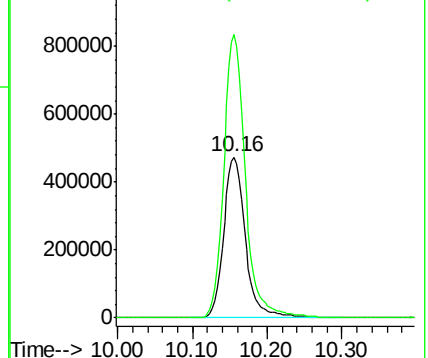
92 100

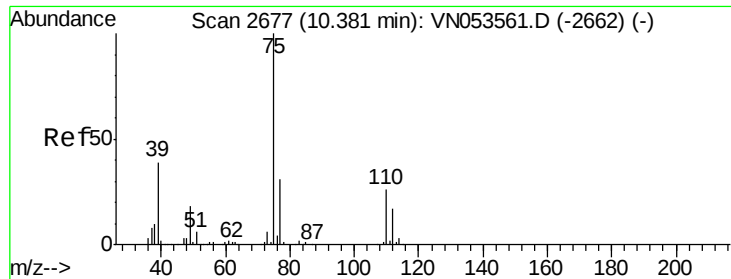
91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

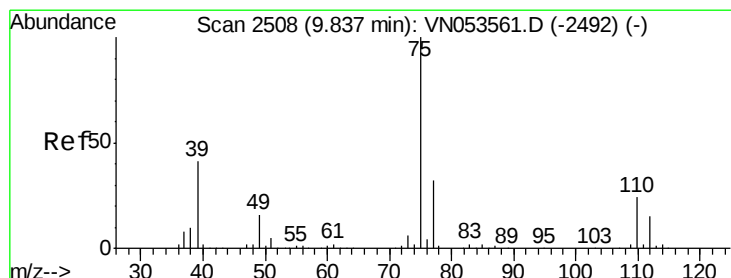
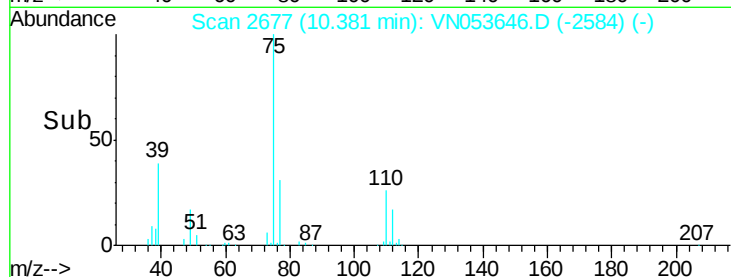
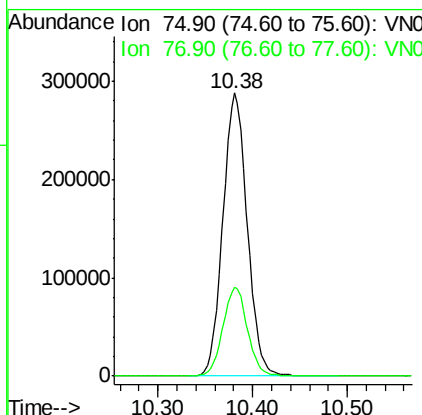
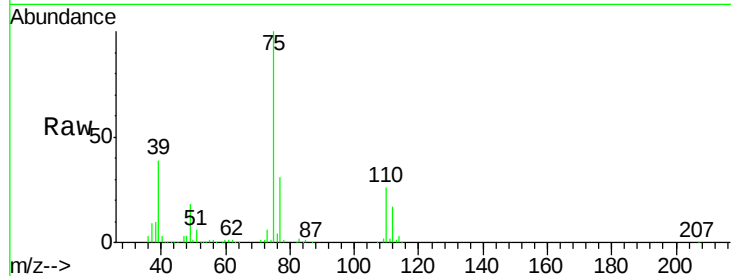




#53
t-1,3-Dichloropropene
Concen: 47.066 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tot Ion: 75 Resp: 514663

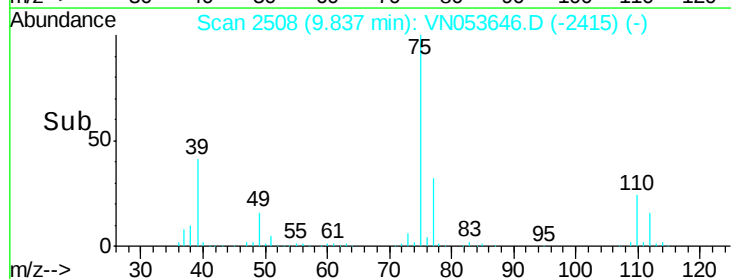
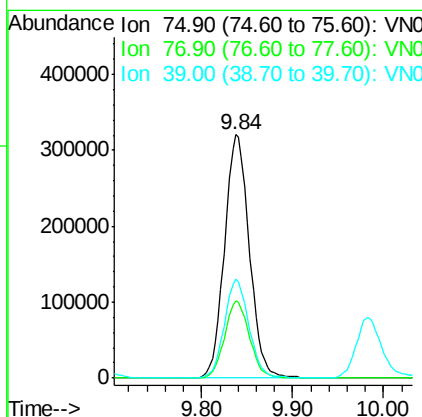
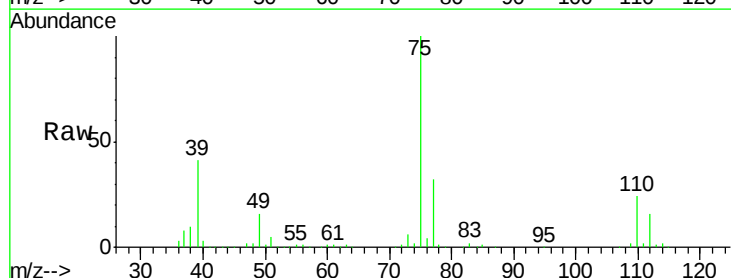
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.5	38.3

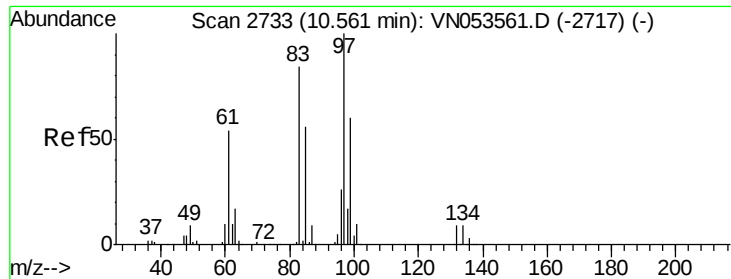


#54
cis-1,3-Dichloropropene
Concen: 46.948 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion: 75 Resp: 608342

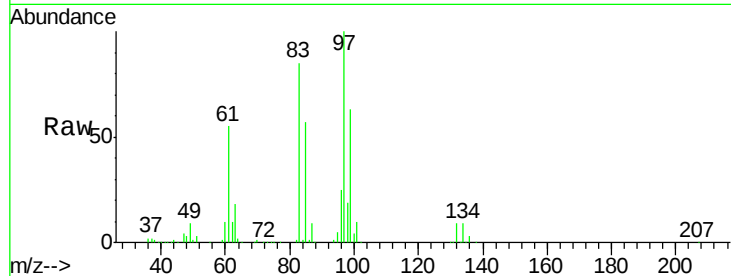
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	40.6	33.4	50.0





#55
 1,1,2-Trichloroethane
 Concen: 46.628 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

Tot Ion:	97	Resp:	339683
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.1	105.1
85	56.6	45.4	68.0
99	62.4	49.8	74.8

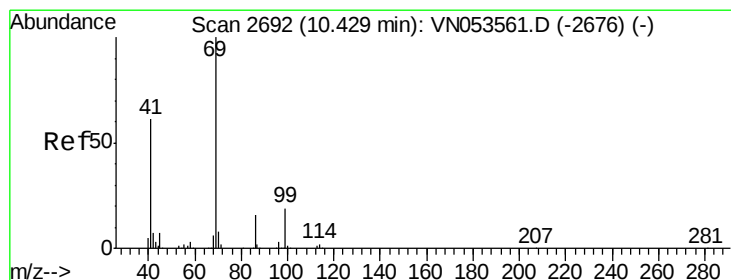
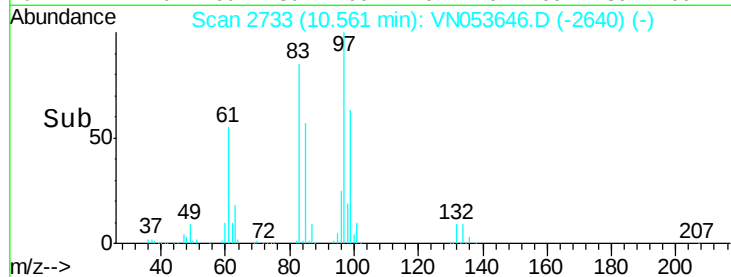
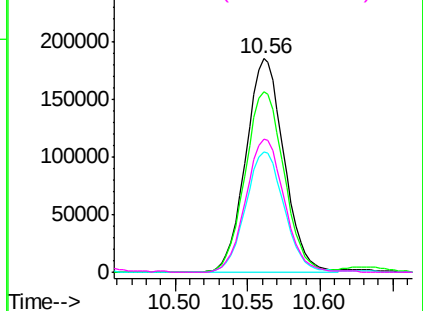


Abundance Ion 96.90 (96.60 to 97.60): VN053646.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN053646.D (-2640) (-)

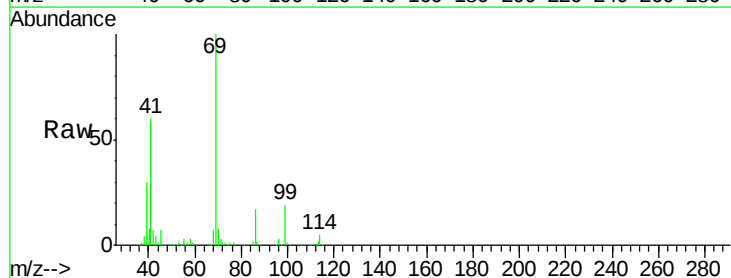
Ion 84.90 (84.60 to 85.60): VN053646.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN053646.D (-2640) (-)



#56
 Ethyl methacrylate
 Concen: 46.807 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

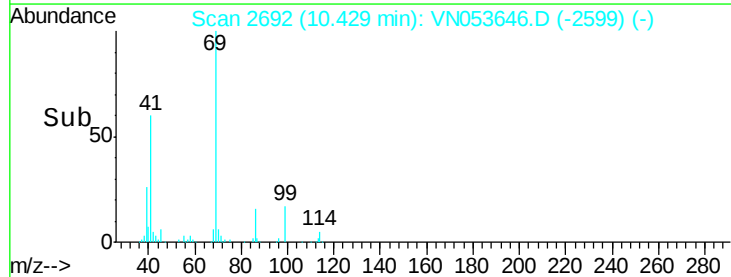
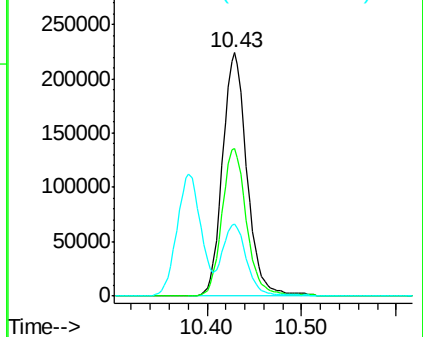
Tgt Ion:	69	Resp:	403383
Ion	Ratio	Lower	Upper
69	100		
41	60.1	49.4	74.0
39	28.7	23.3	34.9

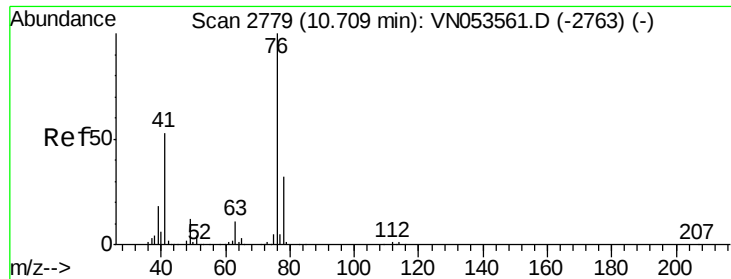


Abundance Ion 69.00 (68.70 to 69.70): VN053646.D (-2599) (-)

Ion 41.00 (40.70 to 41.70): VN053646.D (-2599) (-)

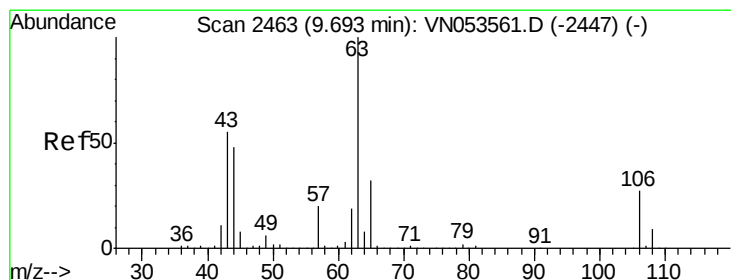
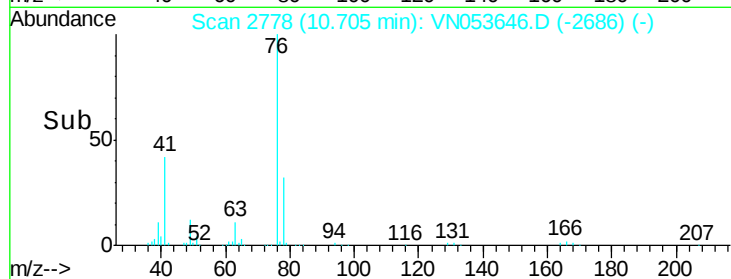
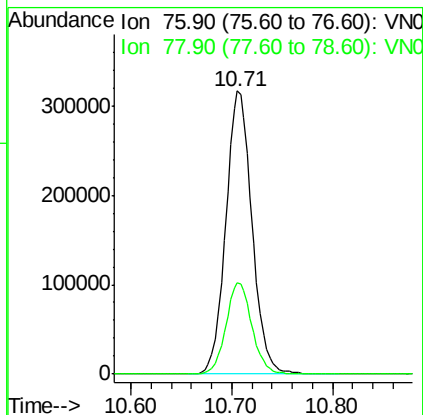
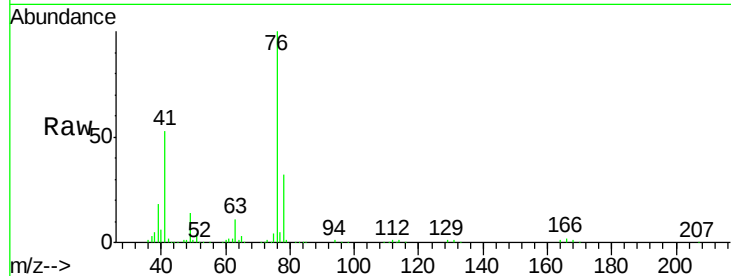
Ion 39.00 (38.70 to 39.70): VN053646.D (-2599) (-)





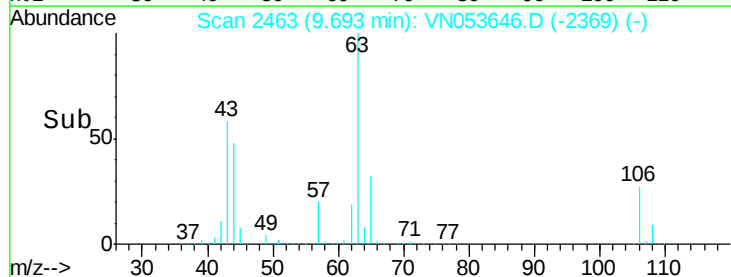
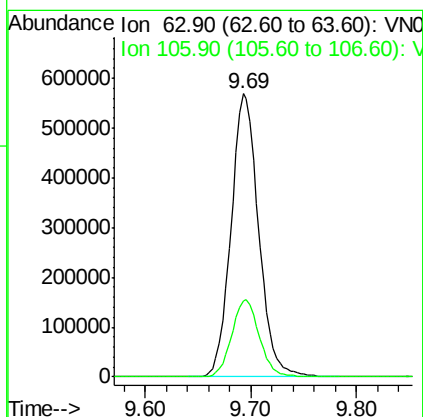
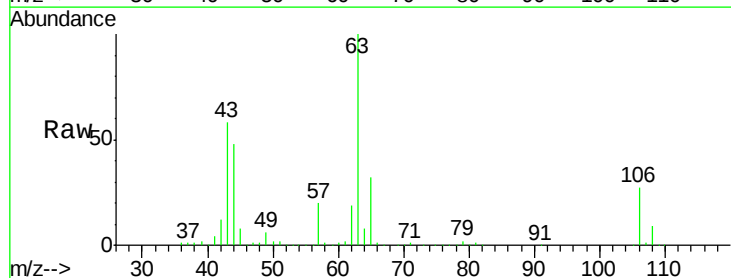
#57
 1,3-Dichloropropane
 Concen: 45.919 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

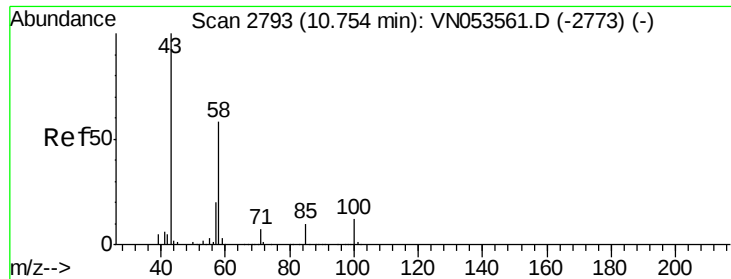
Tot Ion: 76 Resp: 571705
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 194.309 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

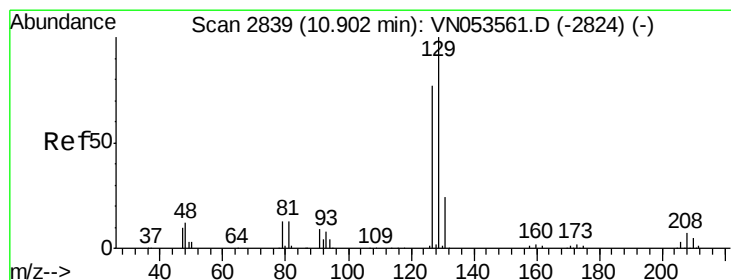
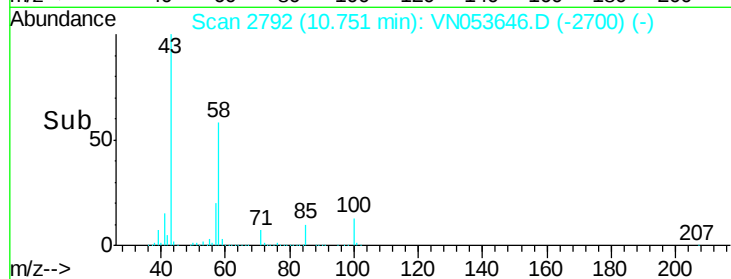
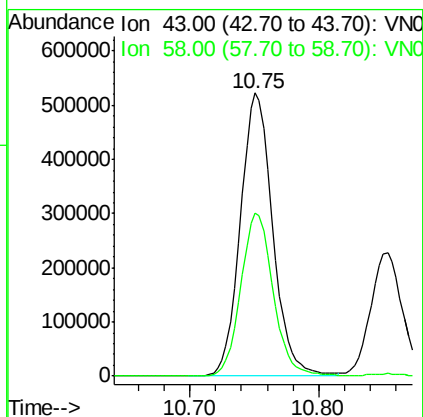
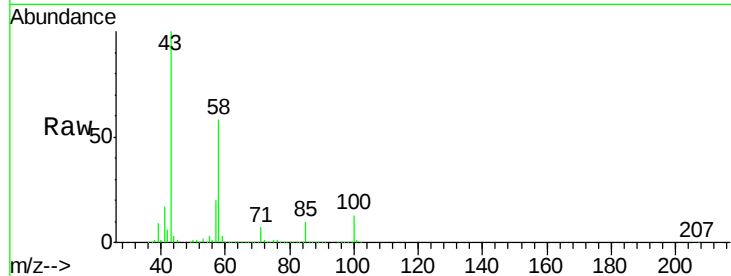
Tgt Ion: 63 Resp: 1028672
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.5 32.3





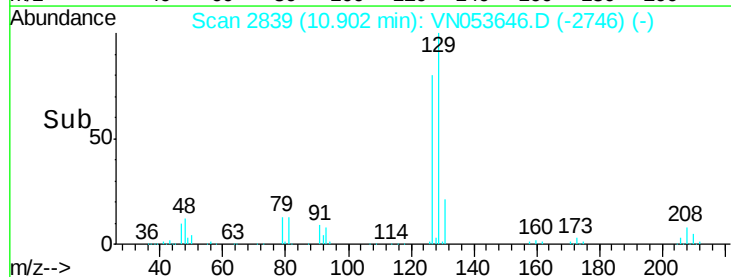
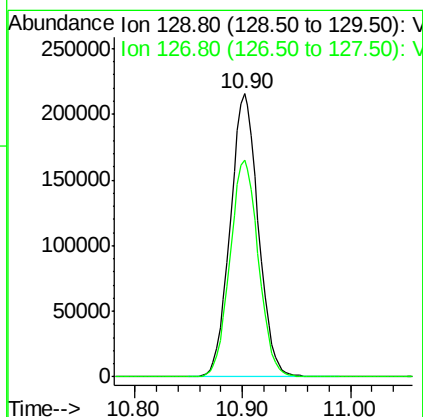
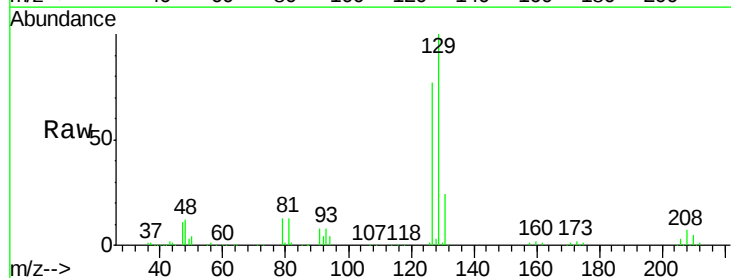
#59
2-Hexanone
Concen: 228.878 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

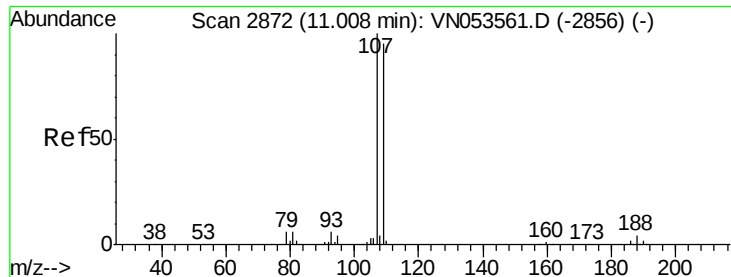
Tot Ion: 43 Resp: 909701
Ion Ratio Lower Upper
43 100
58 57.9 28.6 85.8



#60
Dibromochloromethane
Concen: 47.747 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion: 129 Resp: 392245
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 45.489 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN053646.D

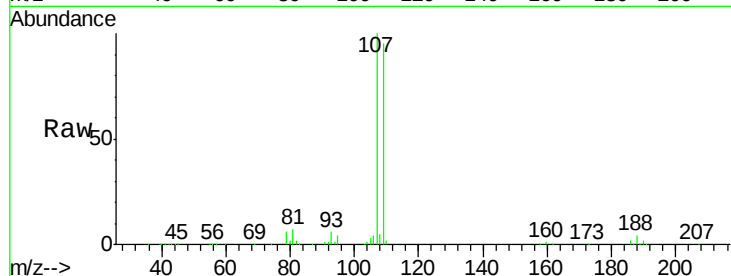
Acq: 7 Feb 2019 10:32

Tot Ion: 107 Resp: 327995

Ion Ratio Lower Upper

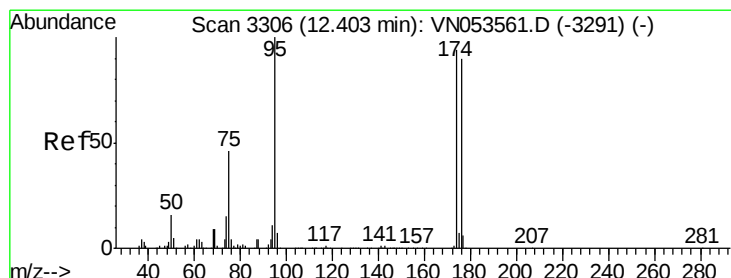
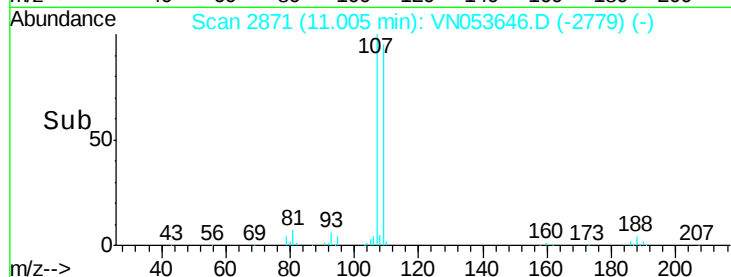
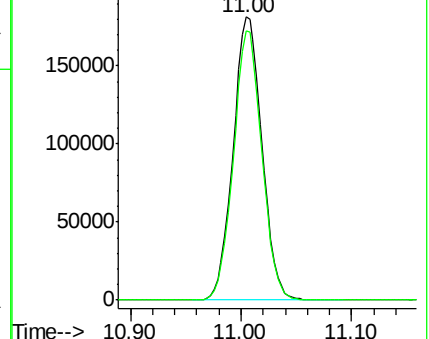
107 100

109 93.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.489 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

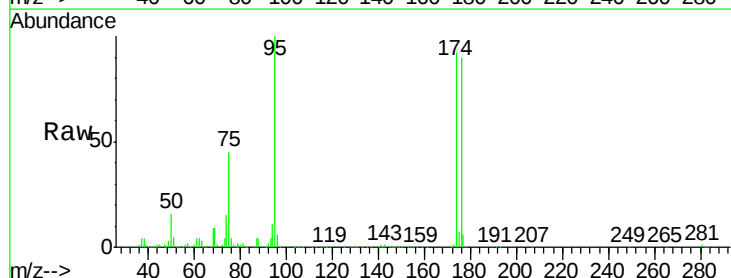
Tgt Ion: 95 Resp: 473266

Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.2

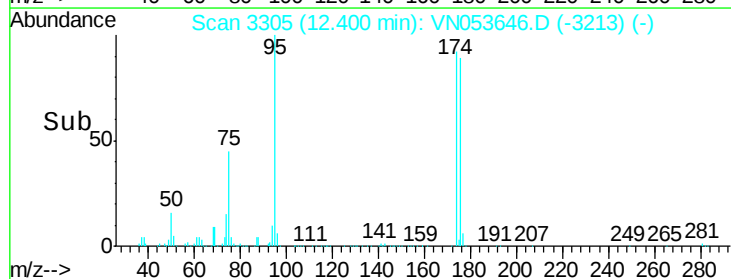
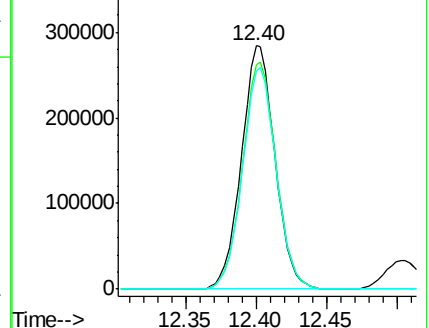
176 91.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

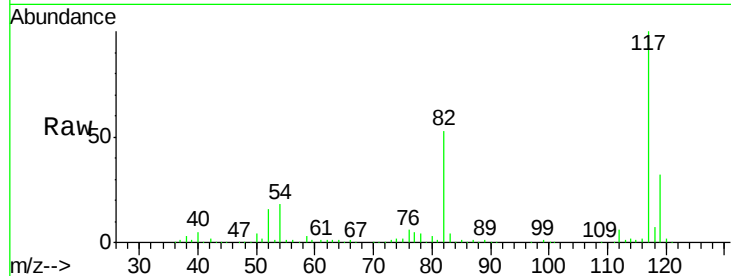
Tot Ion:117 Resp: 1079133

Ion Ratio Lower Upper

117 100

82 52.9 42.9 64.3

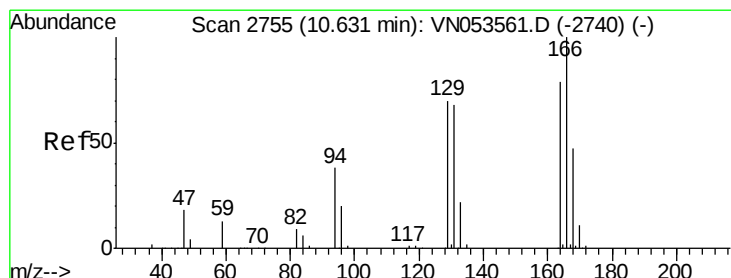
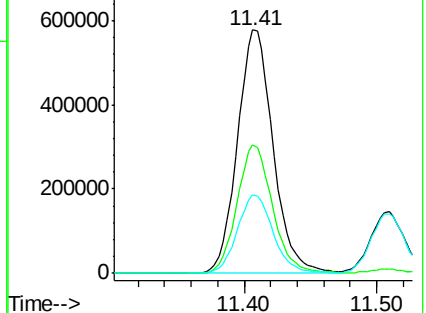
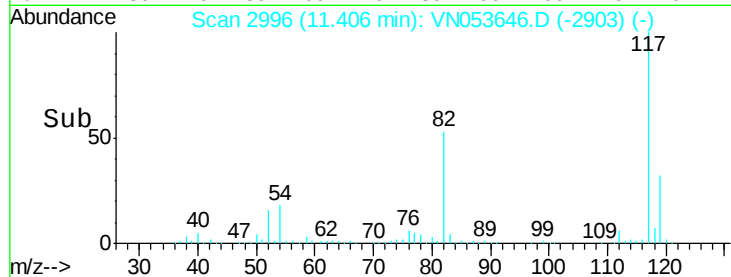
119 32.2 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.228 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tgt Ion:164 Resp: 427635

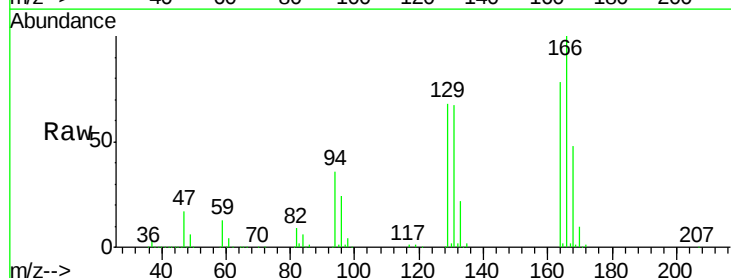
Ion Ratio Lower Upper

164 100

166 128.5 102.2 153.4

129 87.6 72.6 109.0

131 86.3 69.5 104.3

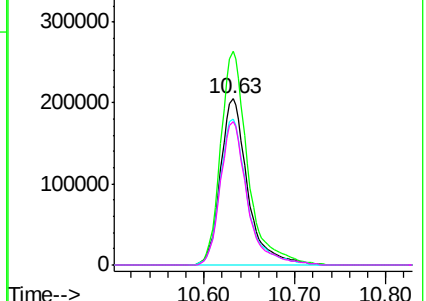
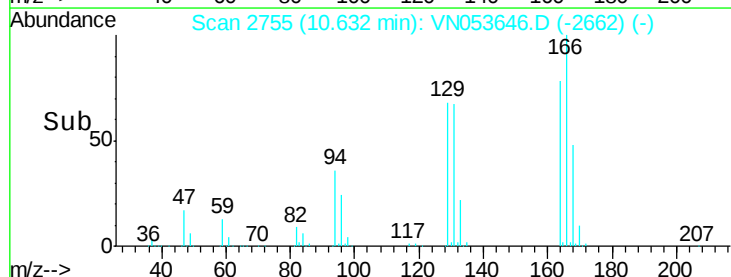


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

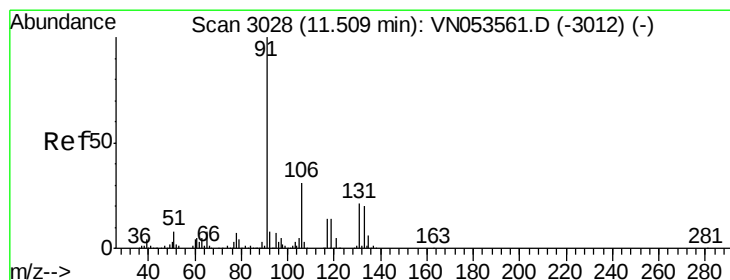
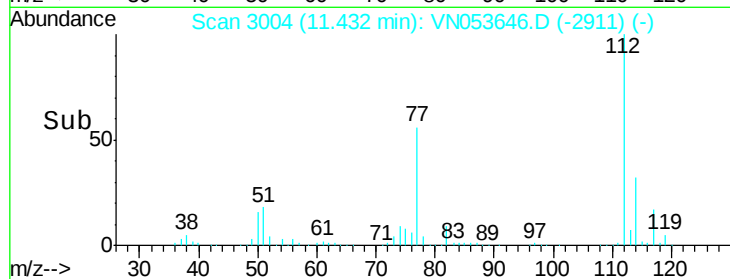
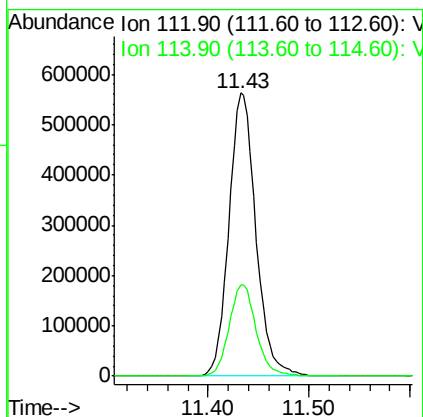
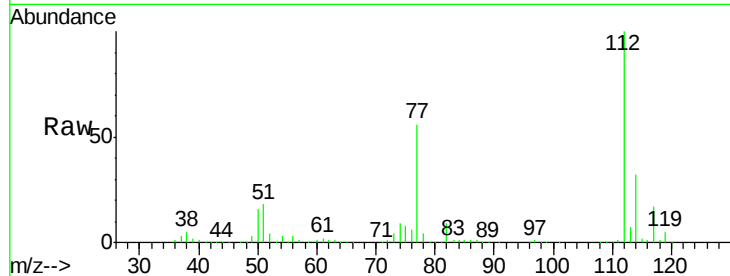
Ion 130.80 (130.50 to 131.50): V





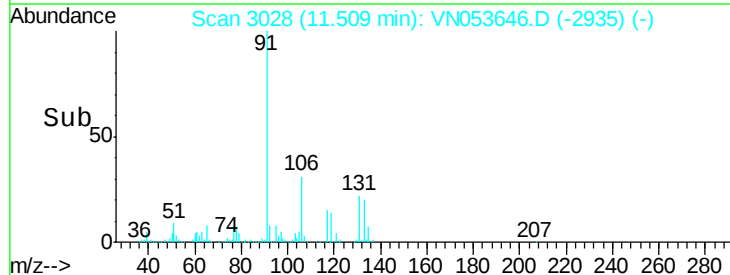
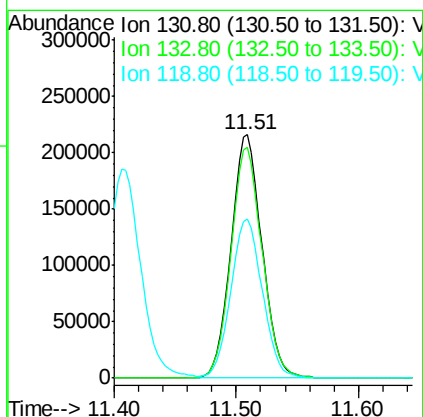
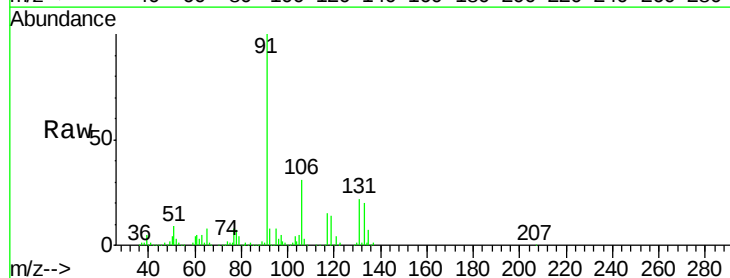
#65
Chlorobenzene
Concen: 45.683 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

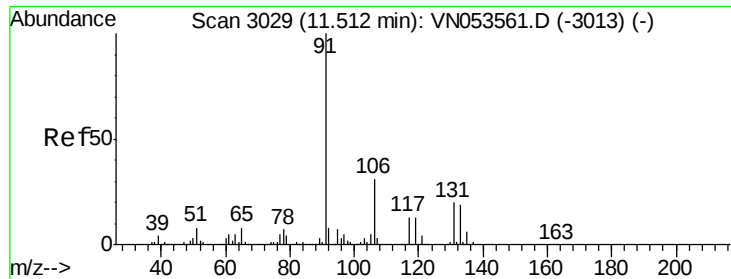
Tot Ion:112 Resp: 1047147
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 47.659 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

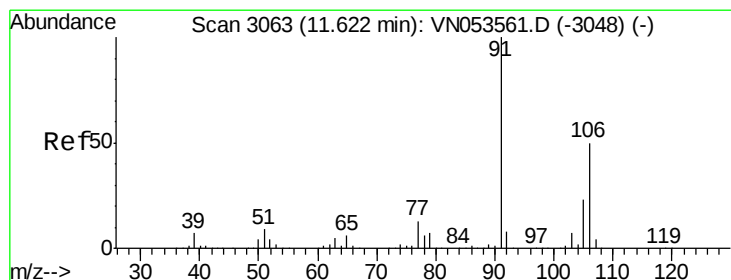
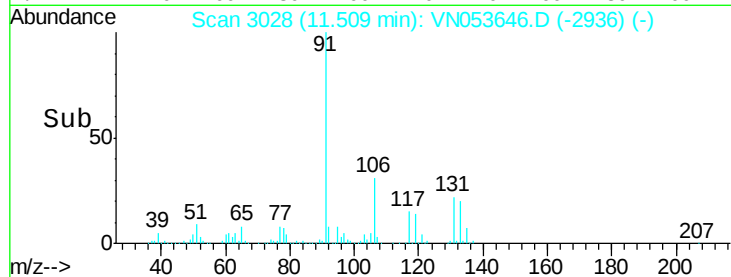
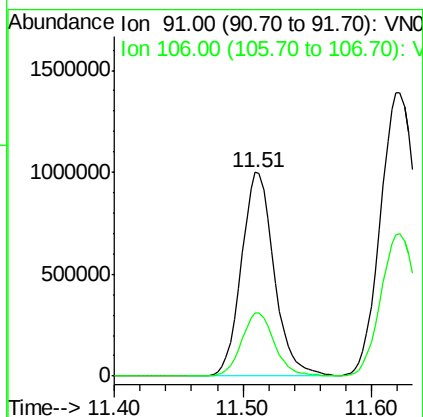
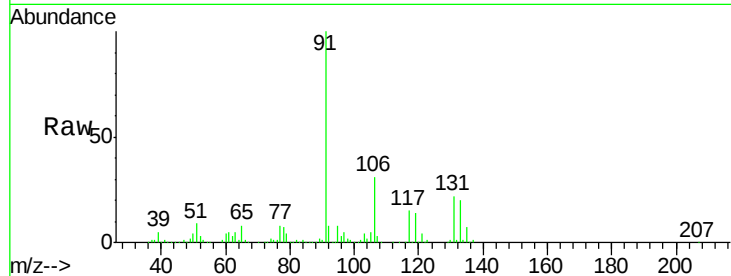
Tgt Ion:131 Resp: 381522
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 66.6 33.5 100.5





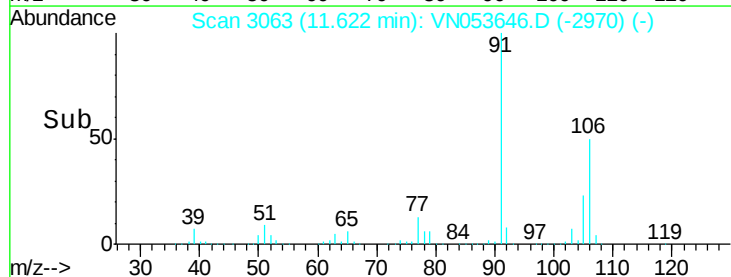
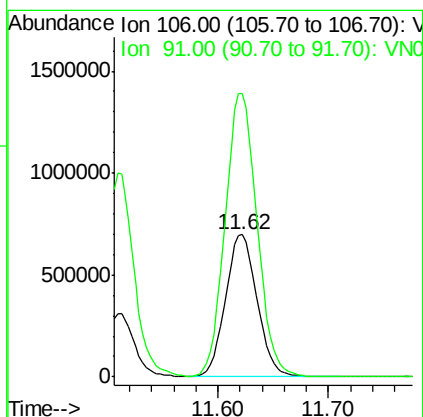
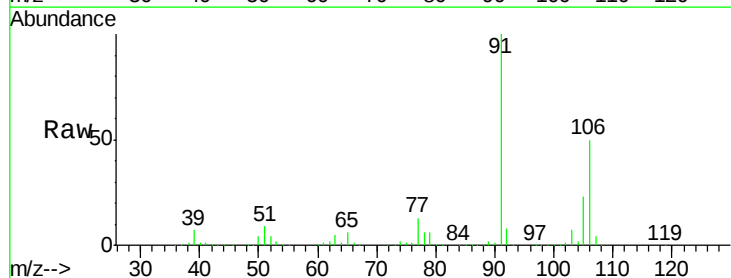
#67
Ethyl Benzene
Concen: 47.017 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tot Ion: 91 Resp: 1770360
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 96.469 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

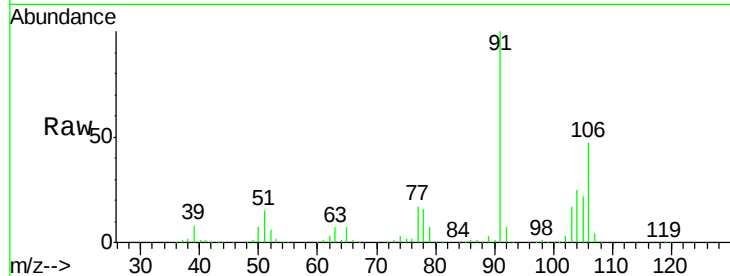
Tgt Ion: 106 Resp: 1386360
Ion Ratio Lower Upper
106 100
91 201.2 161.4 242.2



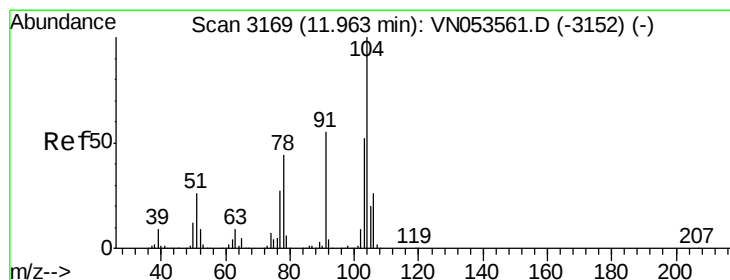
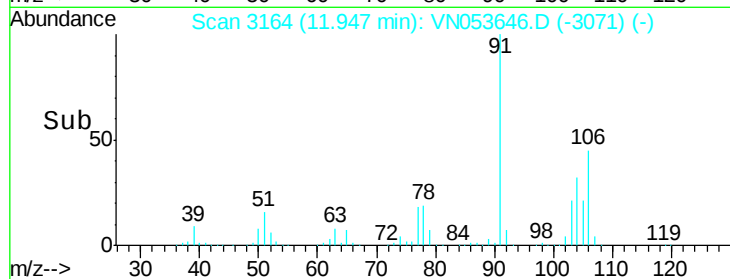
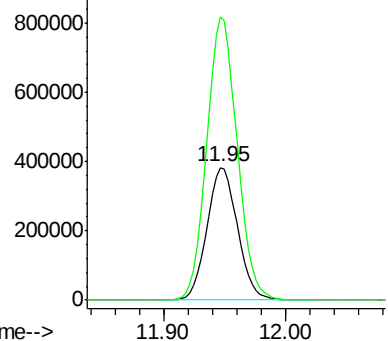


#69
o-Xylene
Concen: 47.858 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tot Ion:106 Resp: 664446
Ion Ratio Lower Upper
106 100
91 212.4 106.9 320.8

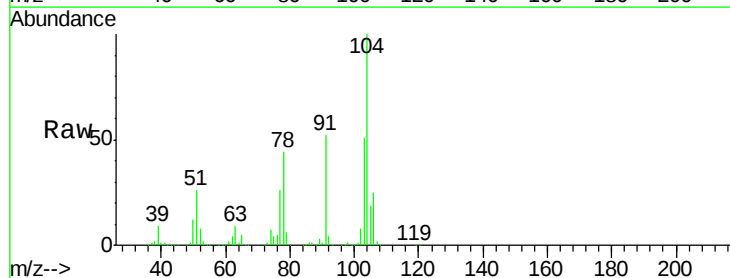


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

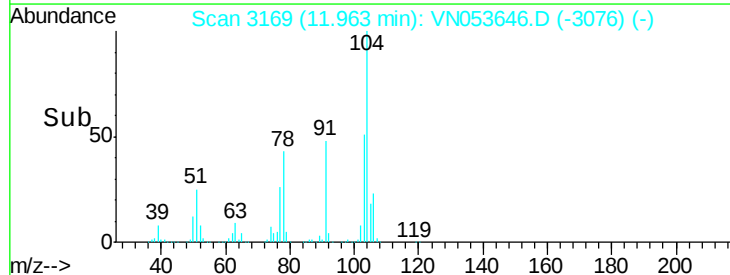
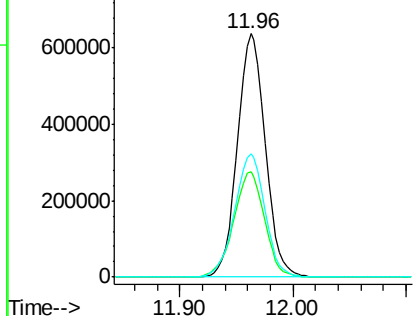


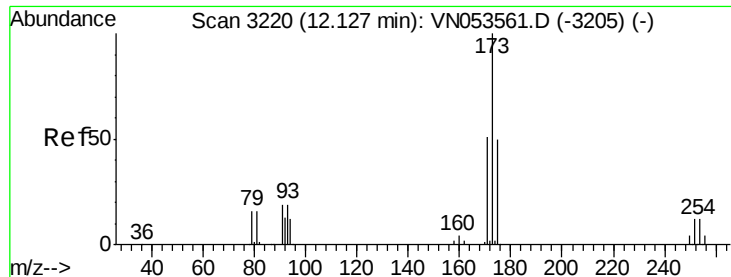
#70
Styrene
Concen: 48.736 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion:104 Resp: 1096711
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 55.1 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: 49.246 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

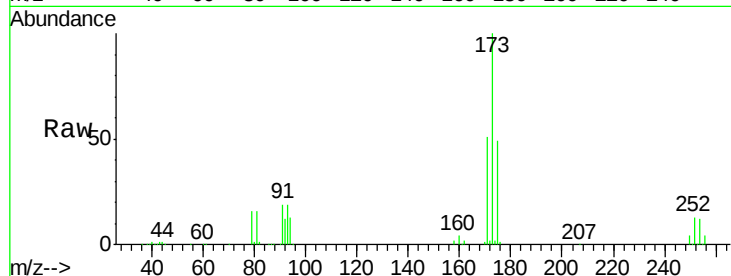
Tot Ion:173 Resp: 270270

Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	74.0
254	0.2	0.2	0.2

173 100

175 49.2 24.6 74.0

254 0.2 0.2 0.2#

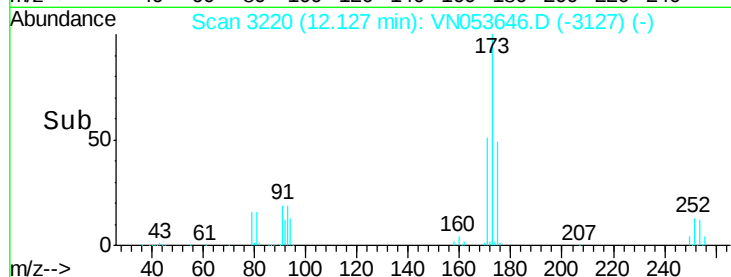


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->



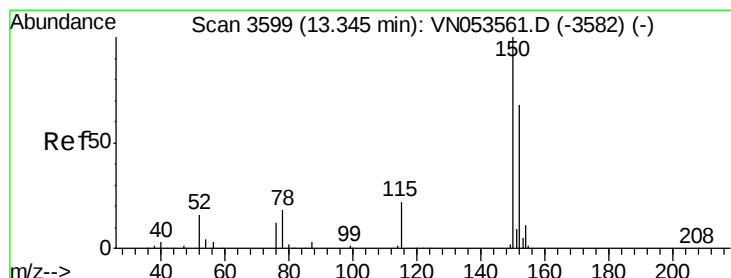
Abundance

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

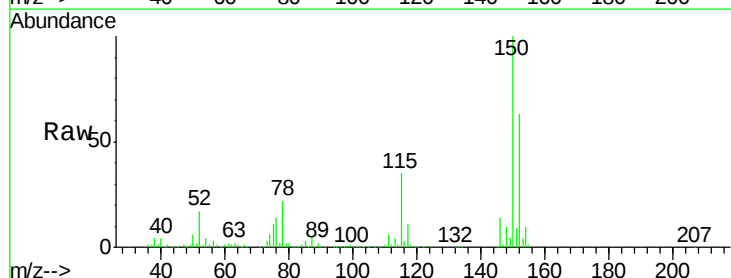
Tgt Ion:152 Resp: 539352

Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.8	83.4
150	172.5	0.0	349.0

152 100

115 55.9 27.8 83.4

150 172.5 0.0 349.0

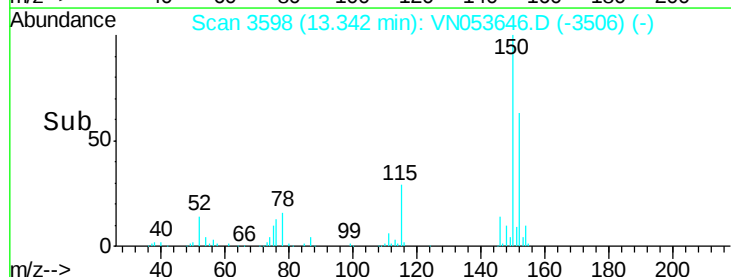


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



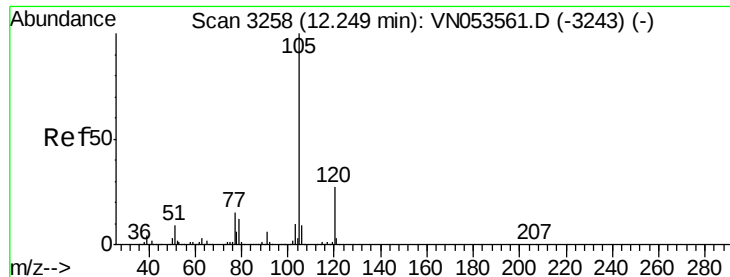
Abundance

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

Time-->



#73

Isopropylbenzene

Concen: 46.154 ug/l

RT: 12.25 min Scan# 3258

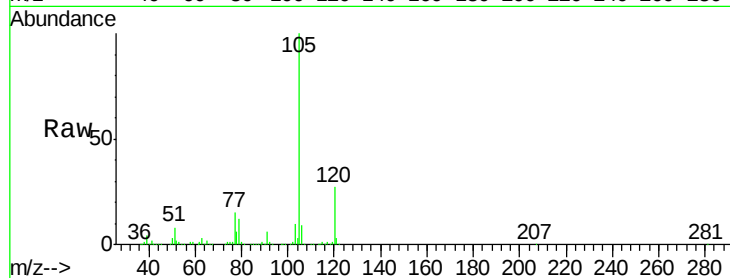
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion: 105 Resp: 1749981

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.6	40.7

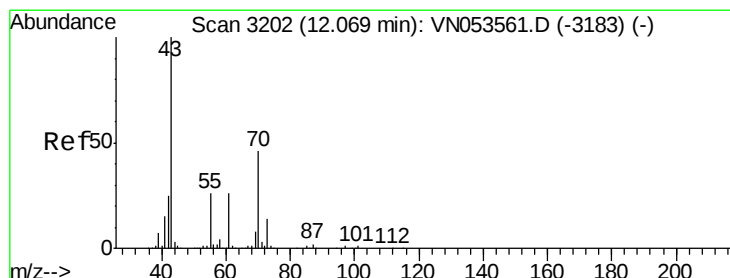
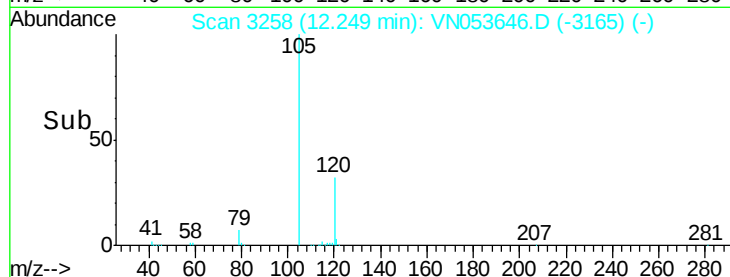


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

Time-->



#74

N-ethyl acetate

Concen: 45.897 ug/l

RT: 12.07 min Scan# 3202

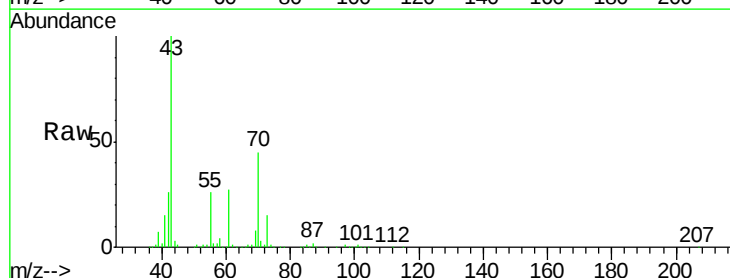
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tgt Ion: 43 Resp: 418466

Ion	Ratio	Lower	Upper
43	100		
70	45.5	35.4	53.2
55	26.6	20.9	31.3
61	26.3	20.5	30.7



Abundance Ion 43.00 (42.70 to 43.70): V

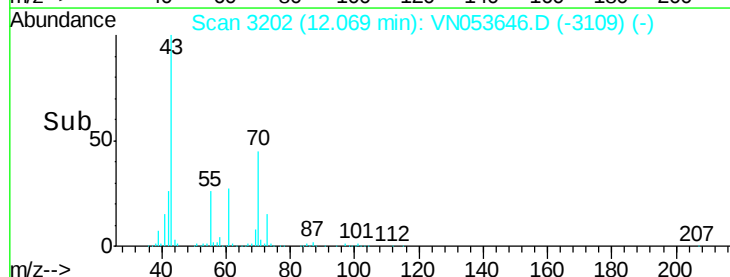
Ion 70.00 (69.70 to 70.70): V

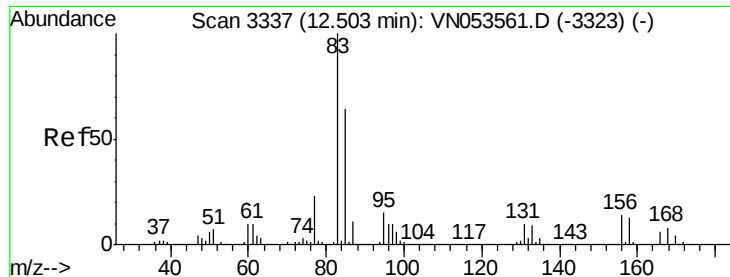
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 42.778 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

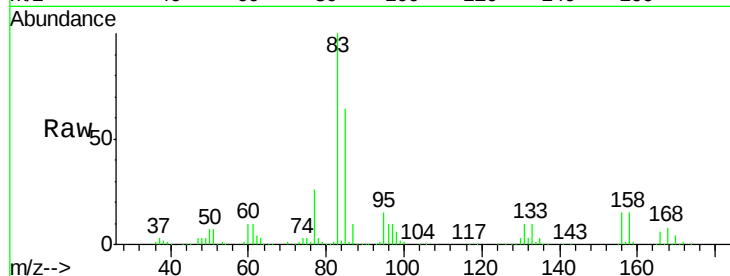
Tot Ion: 83 Resp: 388176

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.8
85	64.8	32.1	96.3

83 100

131 10.6 5.3 15.8

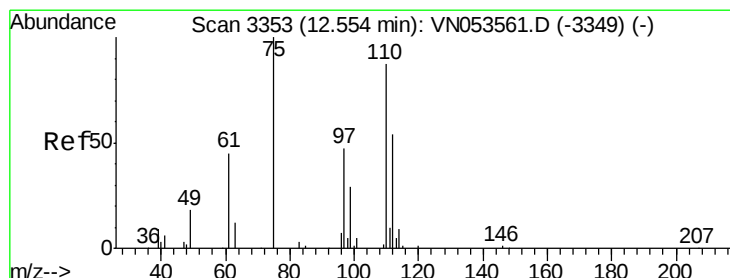
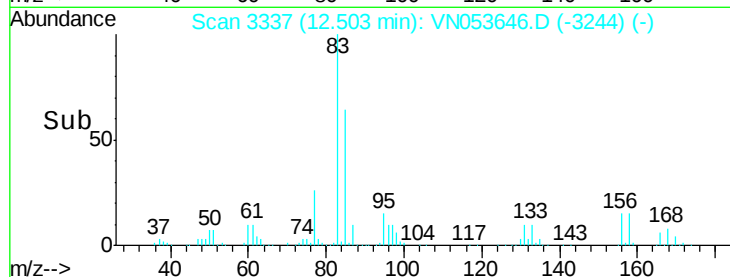
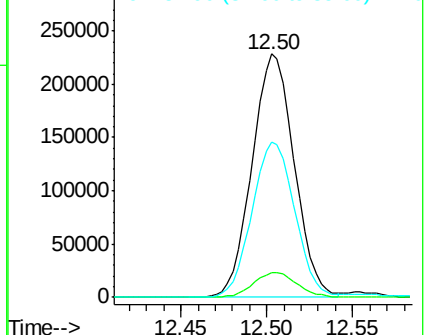
85 64.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN053646.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN053646.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN053646.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 71.051 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053646.D

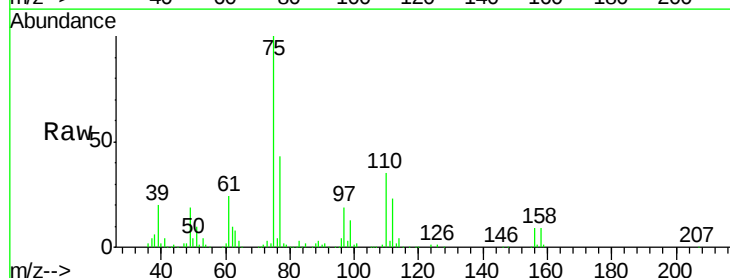
Acq: 7 Feb 2019 10:32

Tgt Ion: 75 Resp: 492213

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

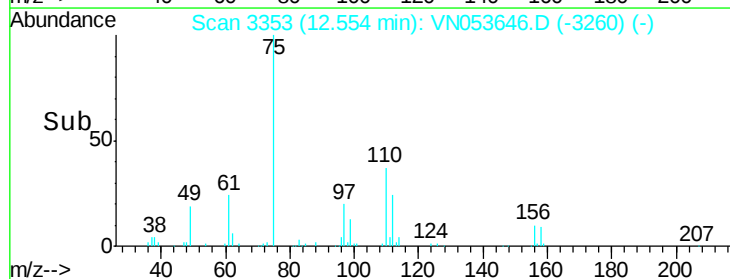
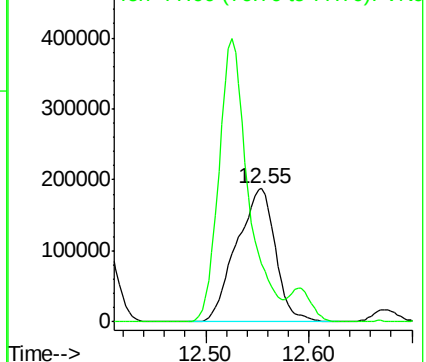
75 100

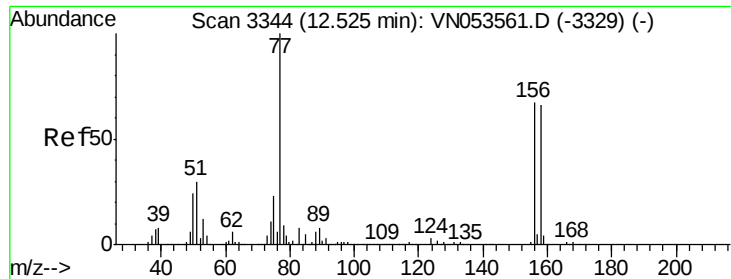
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053646.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN053646.D (-3353) (-)





#77

Bromobenzene

Concen: 45.069 ug/l

RT: 12.53 min Scan# 3344

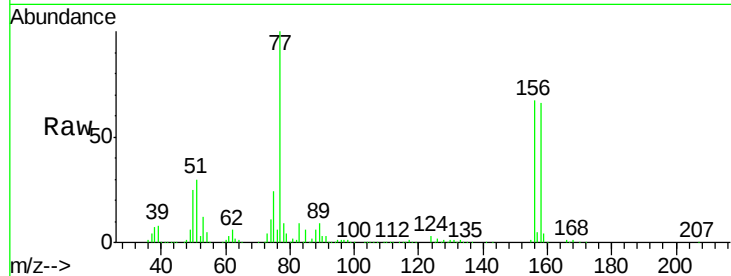
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion:156 Resp: 460546

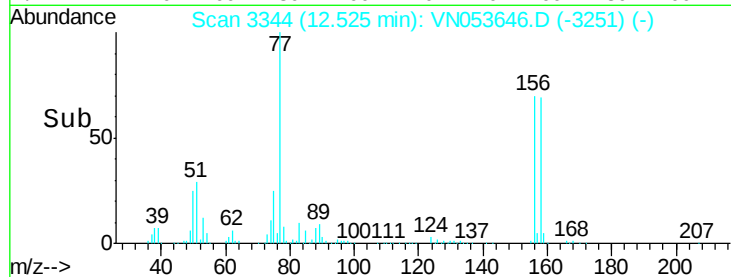
Ion	Ratio	Lower	Upper
156	100		
77	171.8	87.9	263.8
158	97.8	48.8	146.4



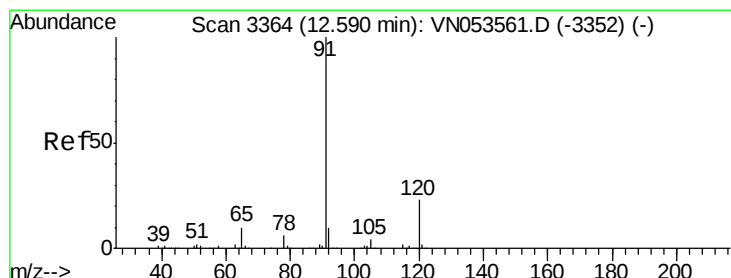
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 47.051 ug/l

RT: 12.59 min Scan# 3364

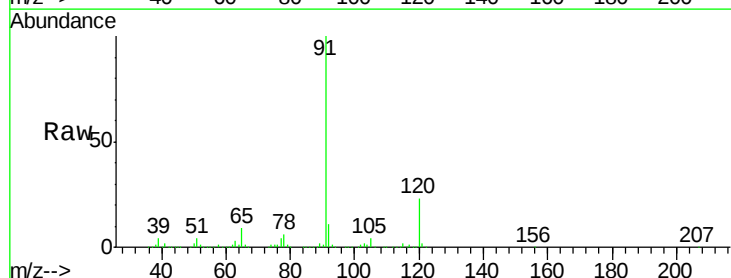
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

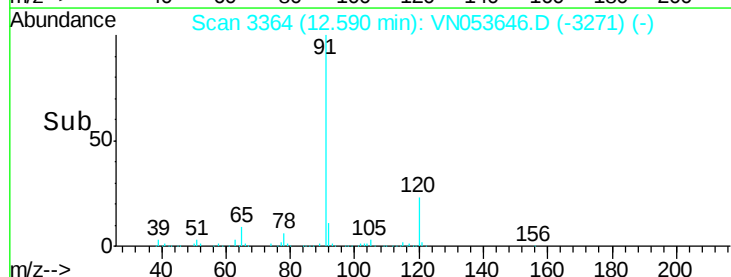
Tgt Ion: 91 Resp: 2062272

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



Time-->



#79

2-Chlorotoluene

Concen: 46.217 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053646.D

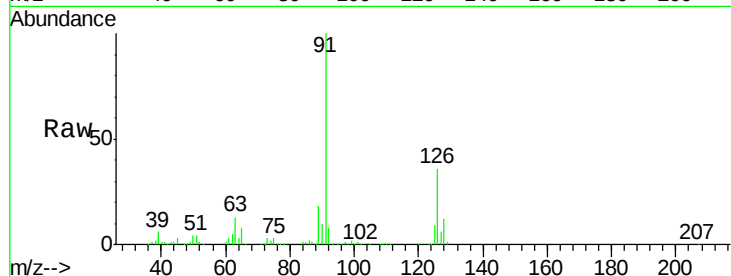
Acq: 7 Feb 2019 10:32

Tot Ion: 91 Resp: 1201838

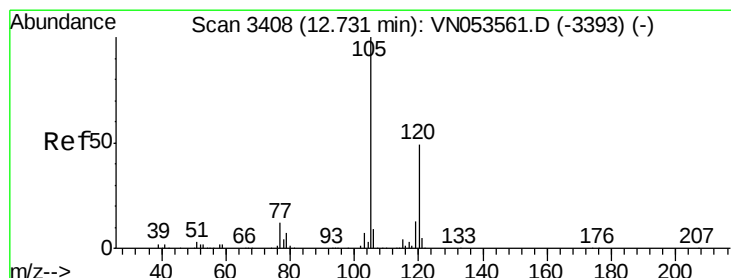
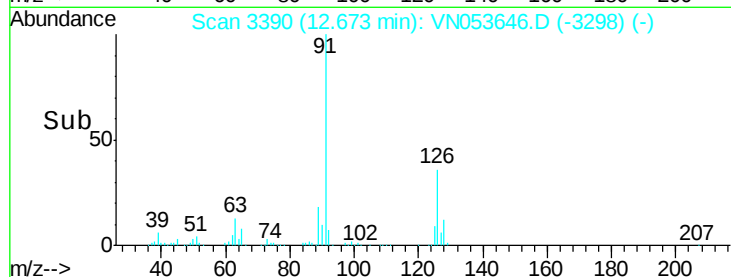
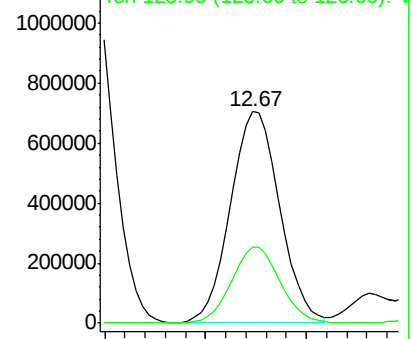
Ion Ratio Lower Upper

91 100

126 35.7 17.9 53.7



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



#80

1,3,5-Trimethylbenzene

Concen: 48.437 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053646.D

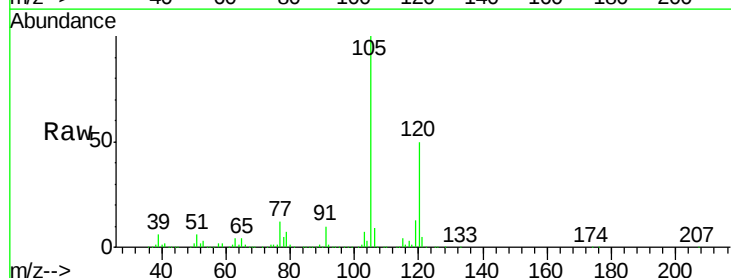
Acq: 7 Feb 2019 10:32

Tgt Ion:105 Resp: 1522939

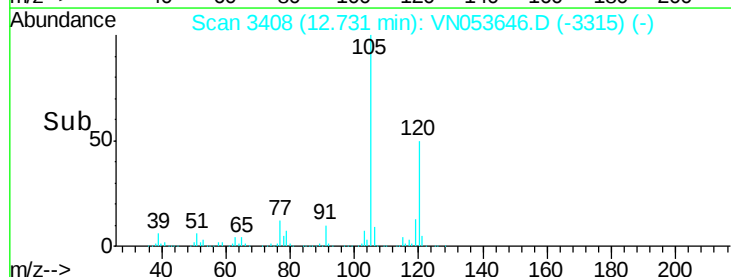
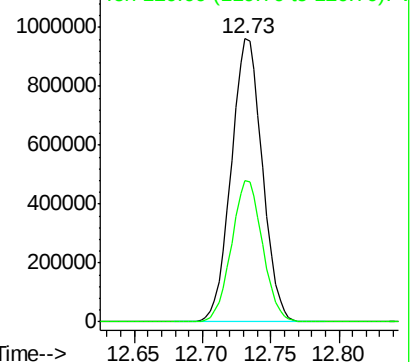
Ion Ratio Lower Upper

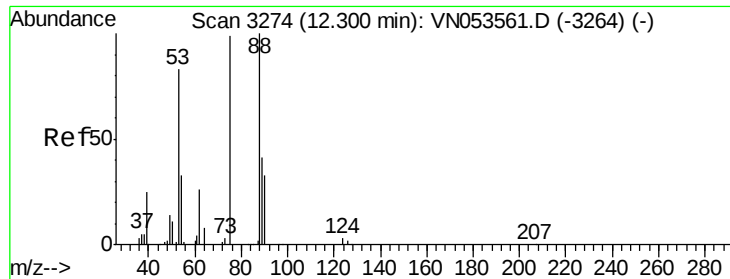
105 100

120 49.7 24.9 74.6



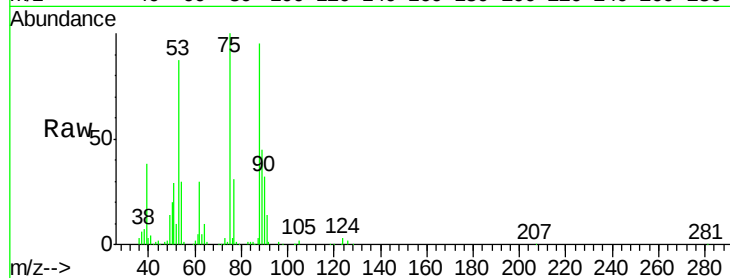
Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3393) (-)



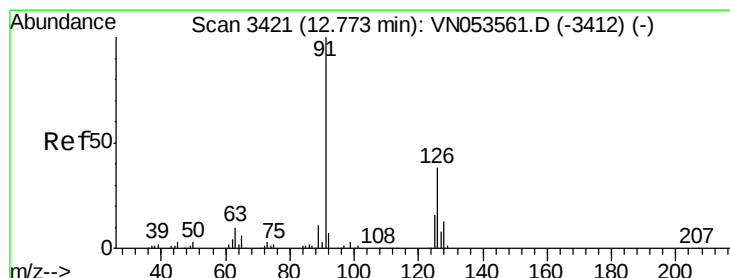
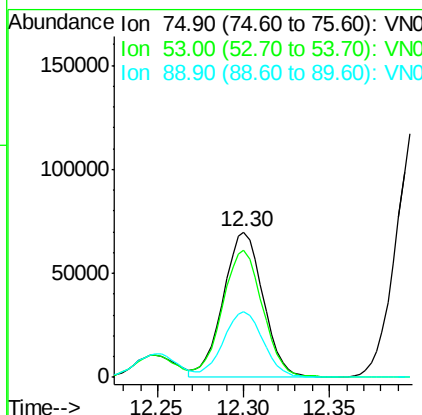
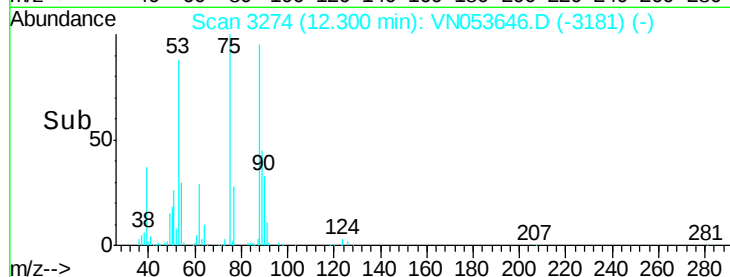


#81
trans-1,4-Dichloro-2-butene
Concen: 45.845 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.7	69.8	104.6
89	45.2	35.6	53.4

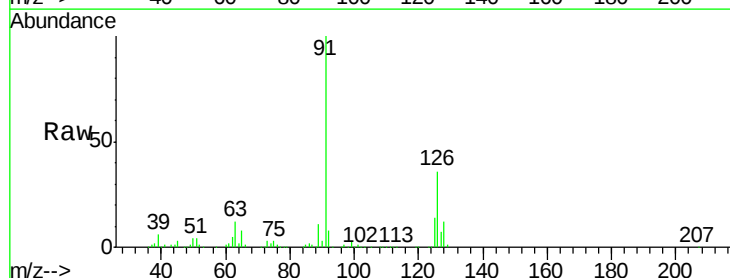


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

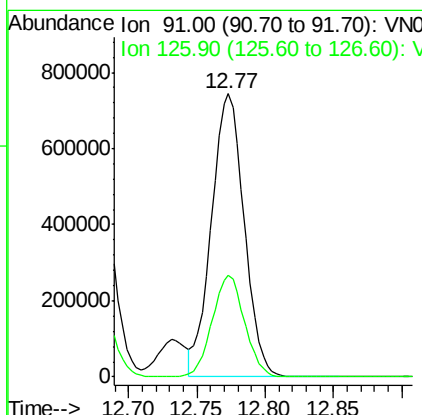
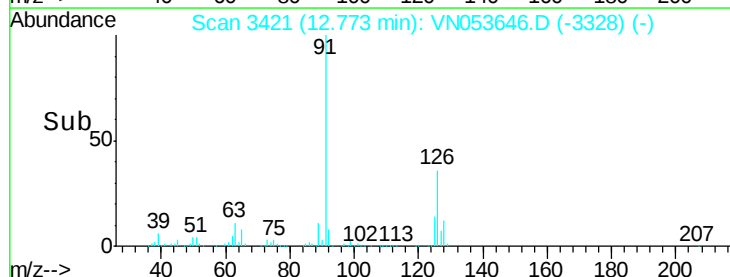


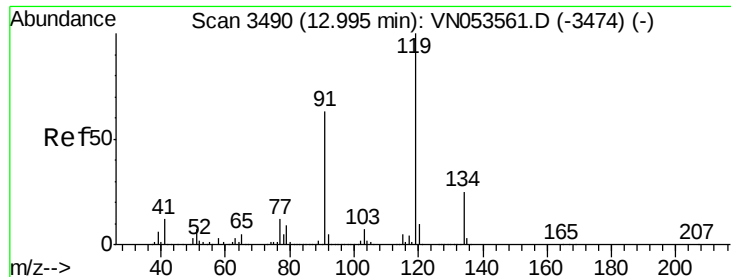
#82
4-Chlorotoluene
Concen: 46.277 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.6	52.9



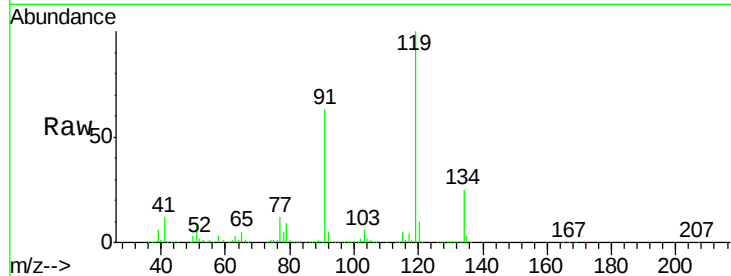
Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V



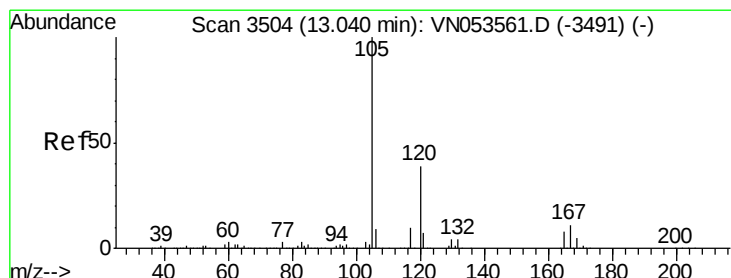
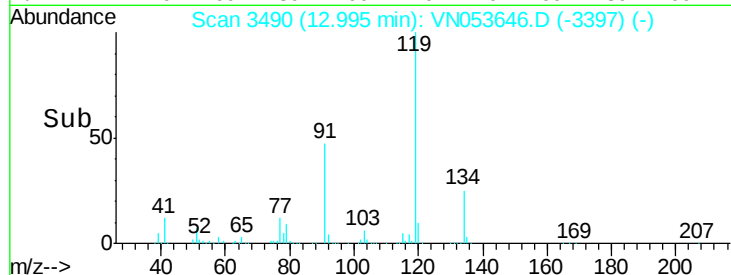
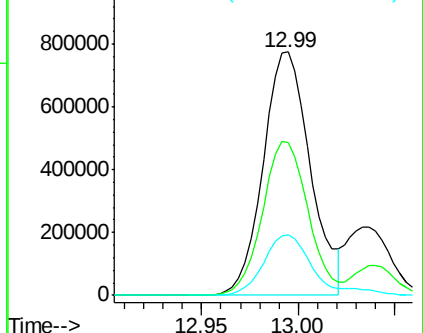


#83
tert-Butylbenzene
Concen: 47.193 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tot Ion:119 Resp: 1311432
Ion Ratio Lower Upper
119 100
91 61.0 31.3 93.8
134 26.2 12.9 38.7

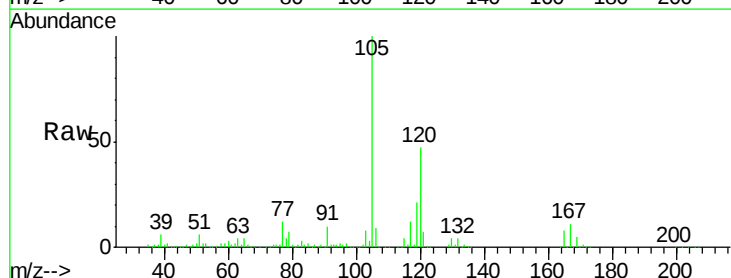


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

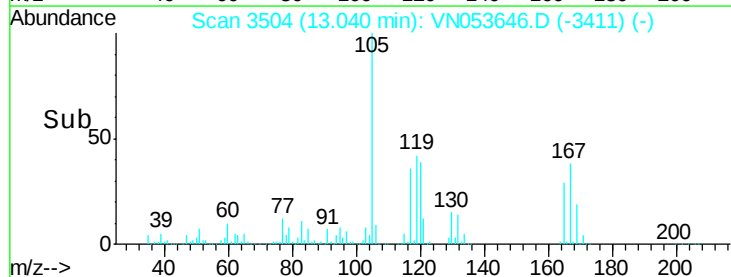
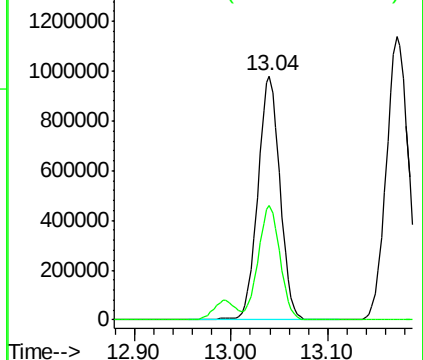


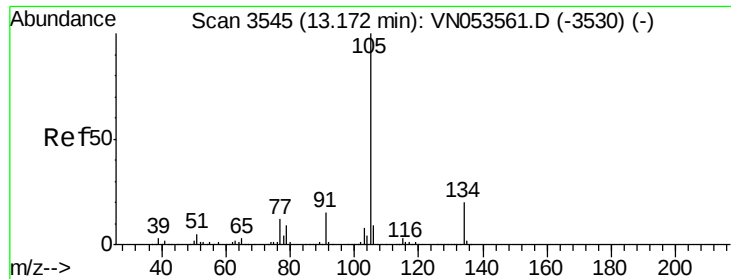
#84
1,2,4-Trimethylbenzene
Concen: 48.360 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion:105 Resp: 1549124
Ion Ratio Lower Upper
105 100
120 46.5 23.0 69.0



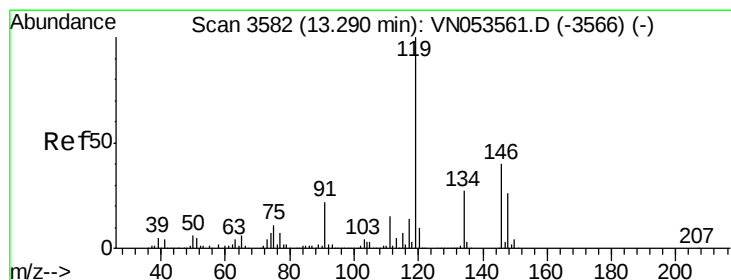
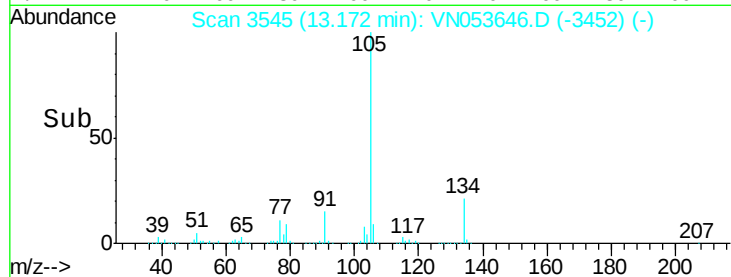
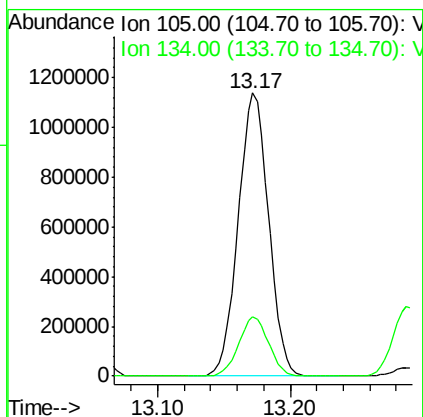
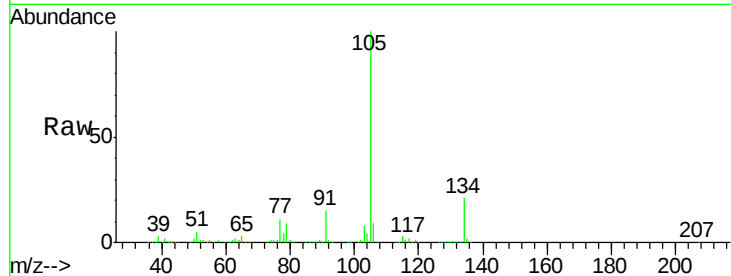
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





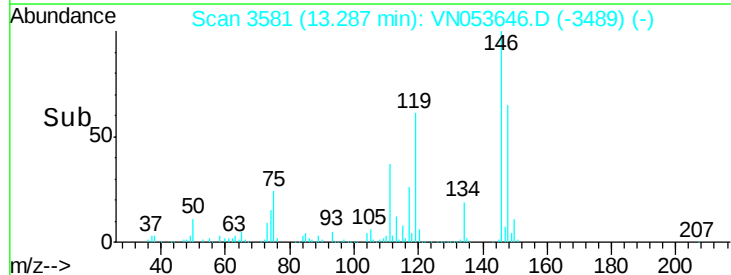
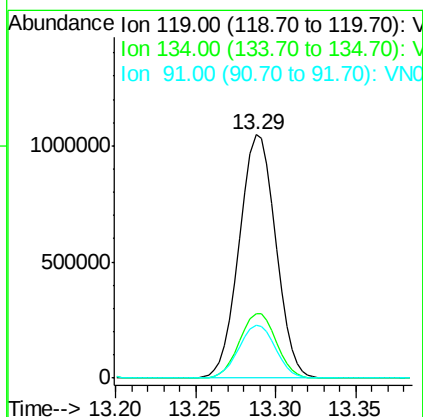
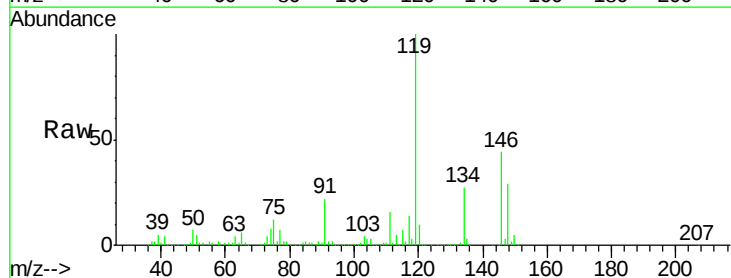
#85
 sec-Butylbenzene
 Concen: 47.763 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

Tot Ion:105 Resp: 1806160
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 49.070 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

Tgt Ion:119 Resp: 1622872
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.9 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 45.582 ug/l

RT: 13.28 min Scan# 3580

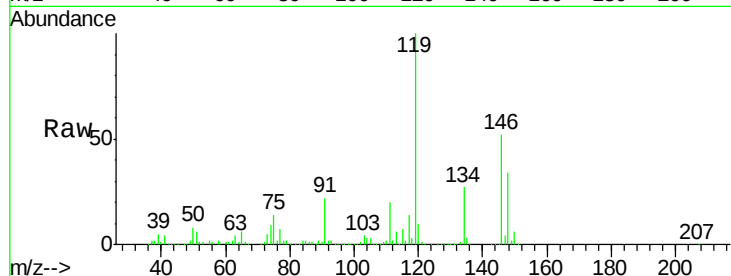
Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tot Ion:146 Resp: 837309

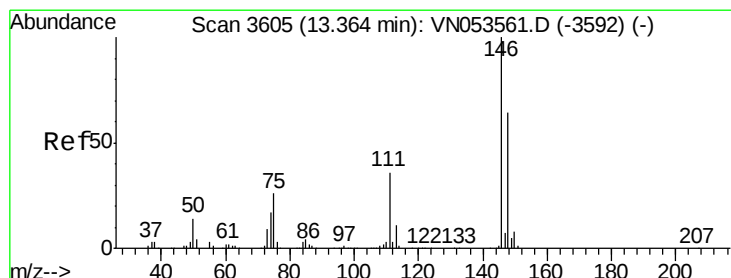
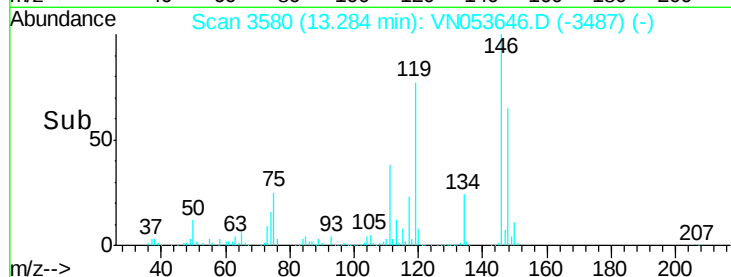
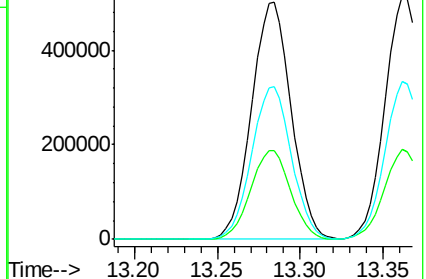
Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	64.6	32.0	96.2



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: 45.731 ug/l

RT: 13.36 min Scan# 3604

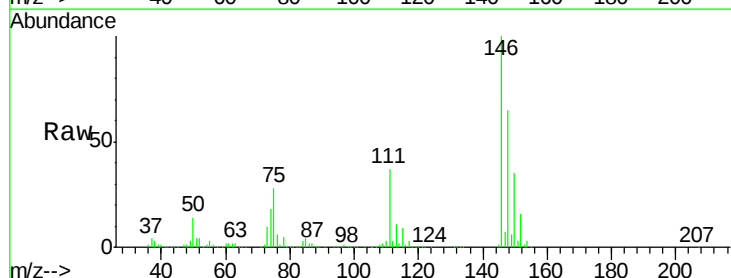
Delta R.T. -0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

Tgt Ion:146 Resp: 830968

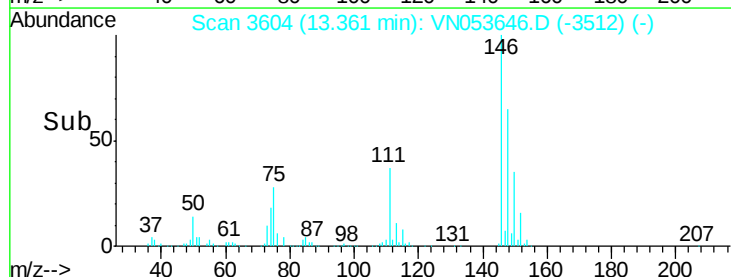
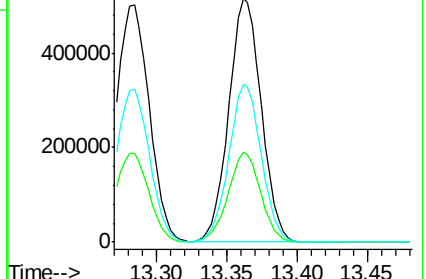
Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	64.8	32.4	97.0

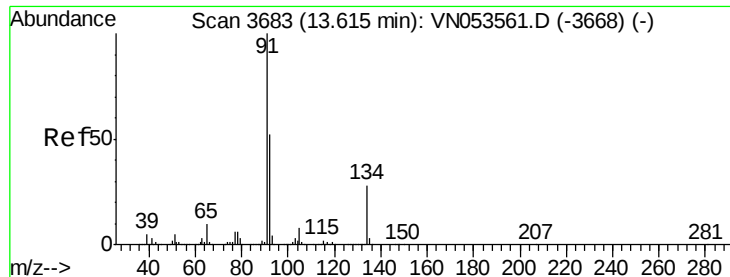


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

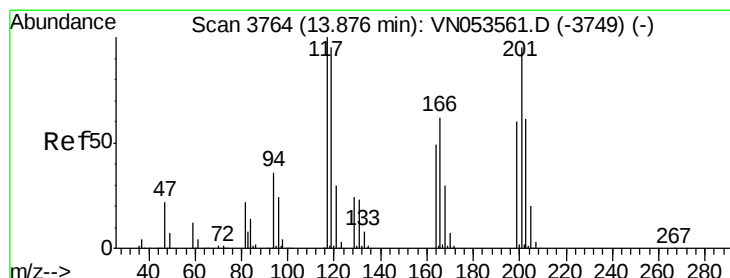
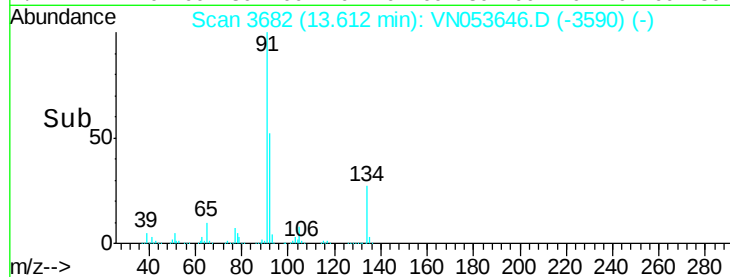
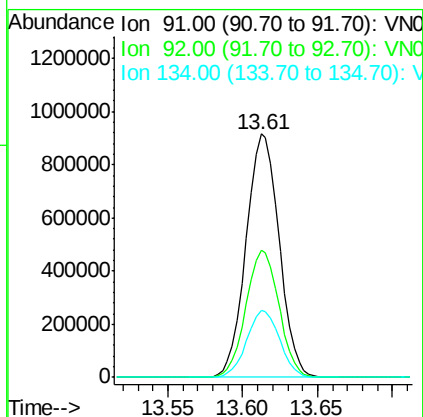
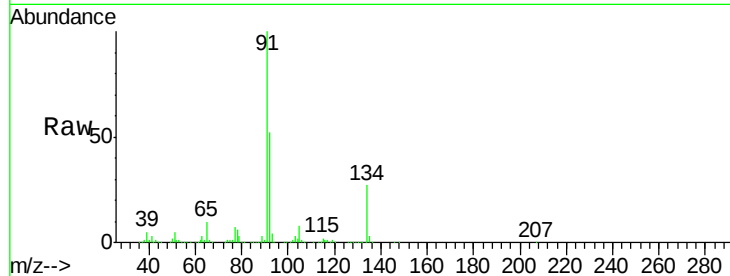




#89
n-Butylbenzene
Concen: 49.289 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tot Ion: 91 Resp: 1410971

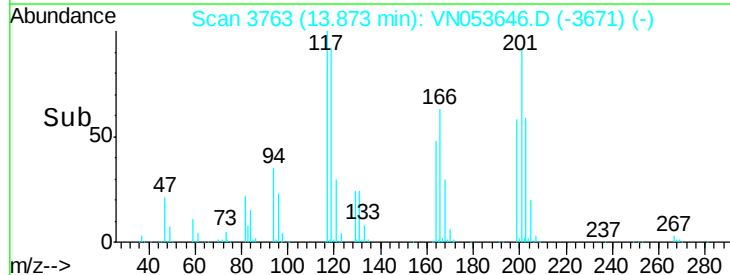
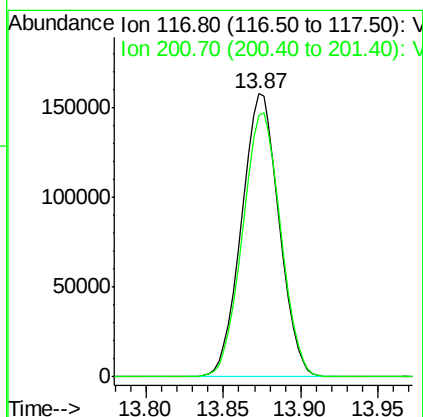
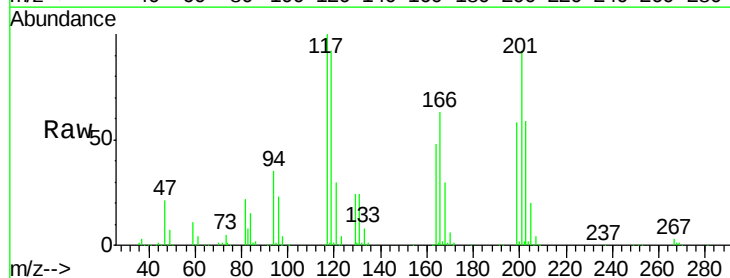
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.3	78.8
134	27.3	13.5	40.5



#90
Hexachloroethane
Concen: 48.889 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053646.D
Acq: 7 Feb 2019 10:32

Tgt Ion: 117 Resp: 266697

Ion	Ratio	Lower	Upper
117	100		
201	94.5	46.8	140.4





#91

1,2-Dichlorobenzene

Concen: 46.348 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

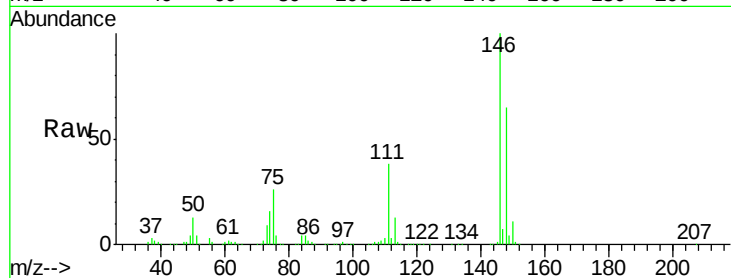
Tot Ion:146 Resp: 815063

Ion Ratio Lower Upper

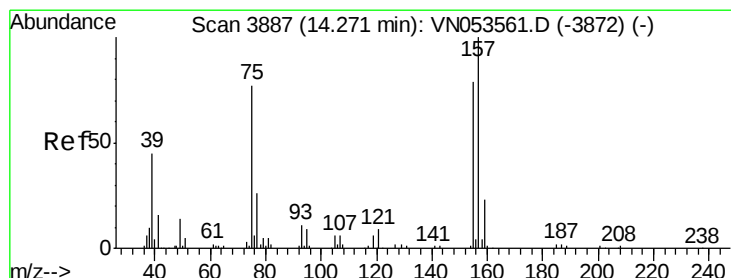
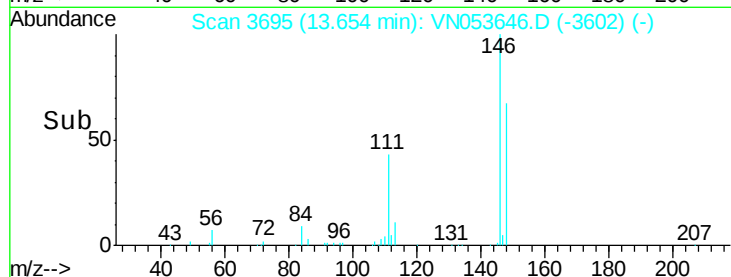
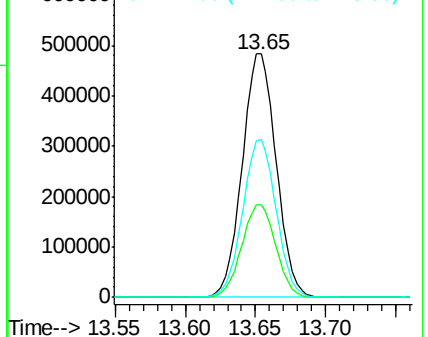
146 100

111 38.3 19.5 58.5

148 63.9 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: 44.546 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

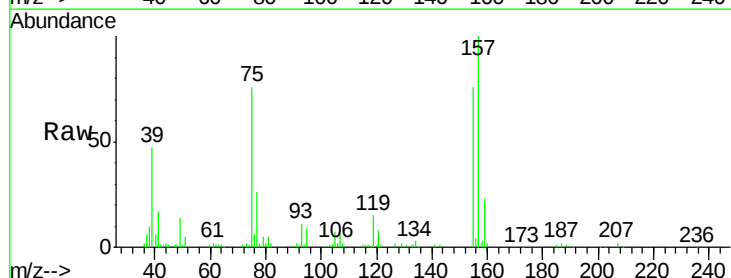
Tgt Ion: 75 Resp: 57608

Ion Ratio Lower Upper

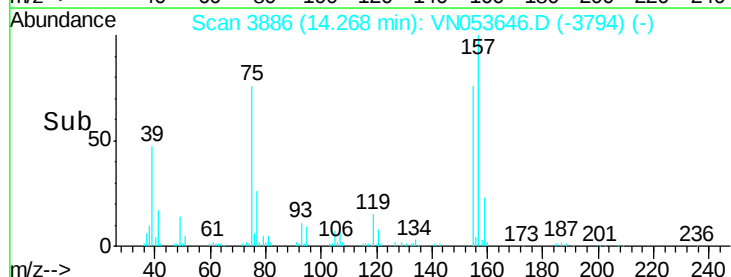
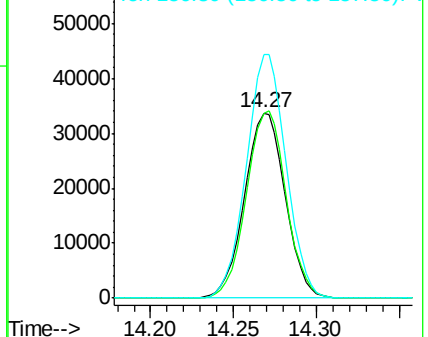
75 100

155 98.9 48.9 146.7

157 128.7 63.7 191.3



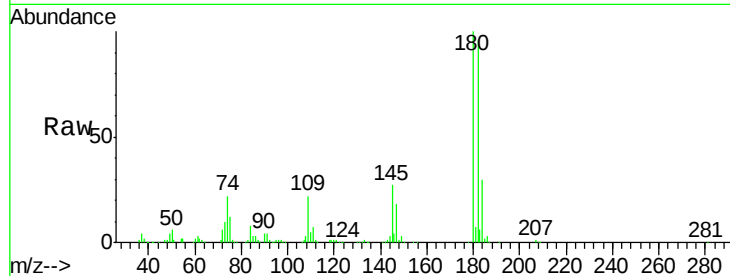
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



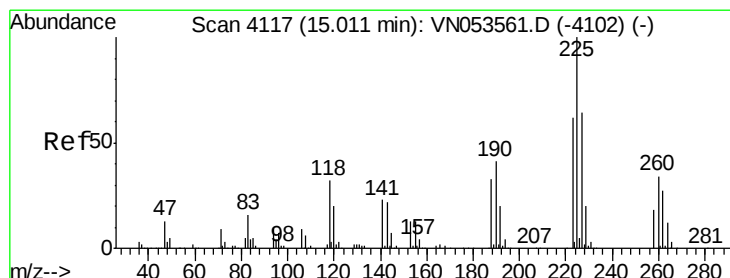
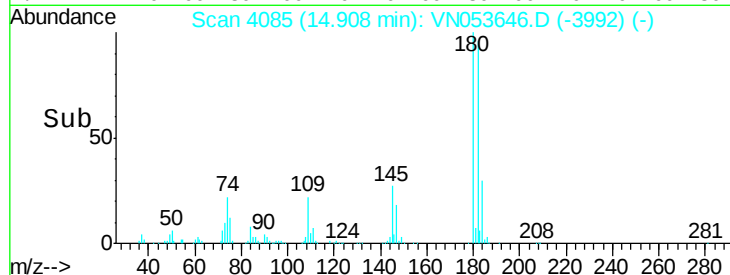
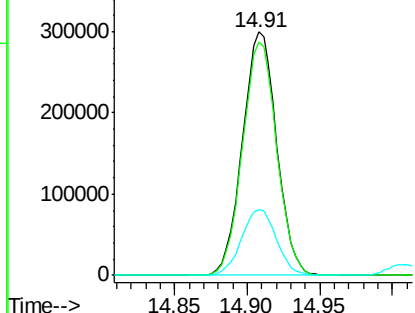


#93
 1,2,4-Trichlorobenzene
 Concen: 48.686 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.3
145	27.6	13.9	41.6

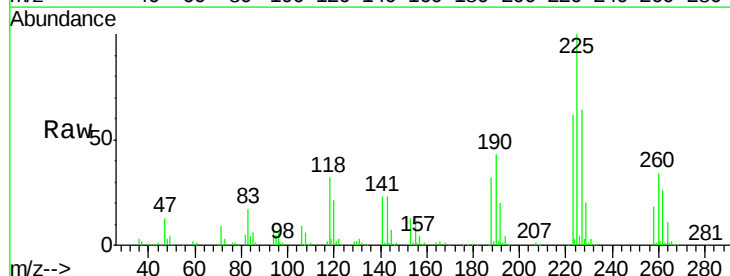


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

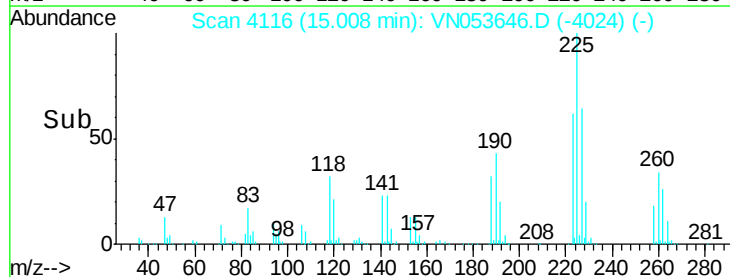
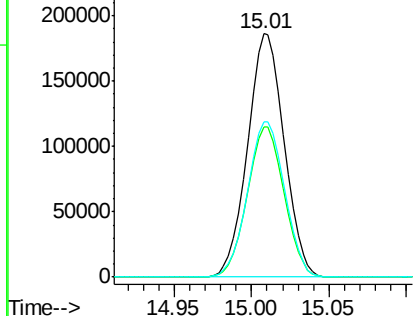


#94
 Hexachlorobutadiene
 Concen: 48.901 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053646.D
 Acq: 7 Feb 2019 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	64.7	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: 41.758 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

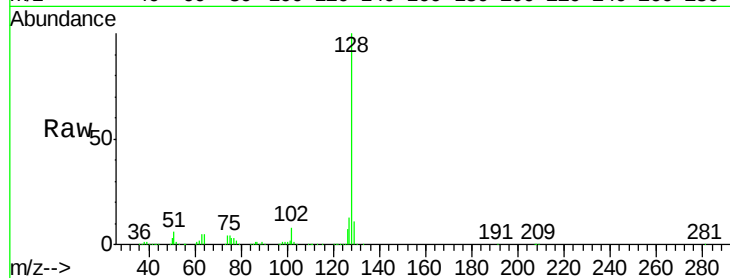
Tot Ion:128 Resp: 982337

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

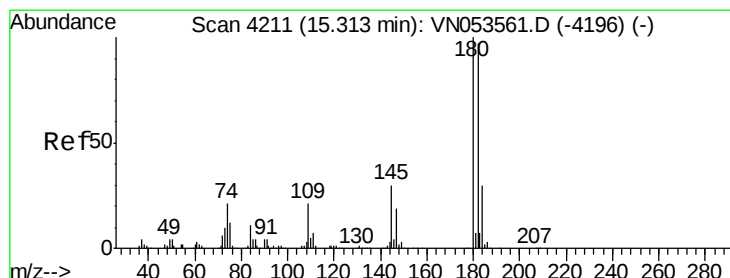
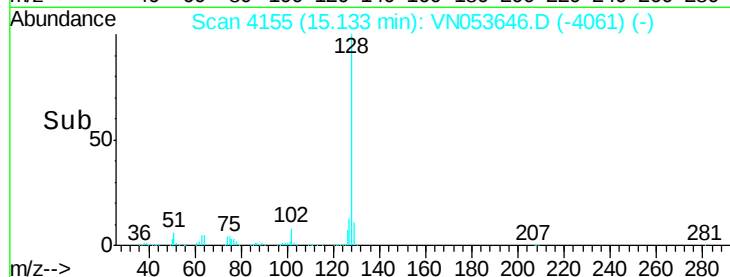
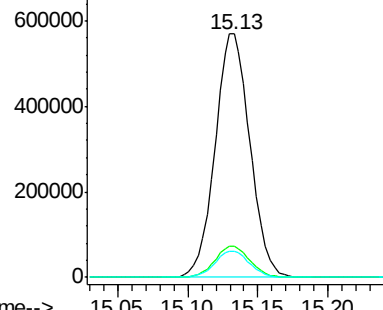
129 10.8 8.6 13.0



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: 47.210 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053646.D

Acq: 7 Feb 2019 10:32

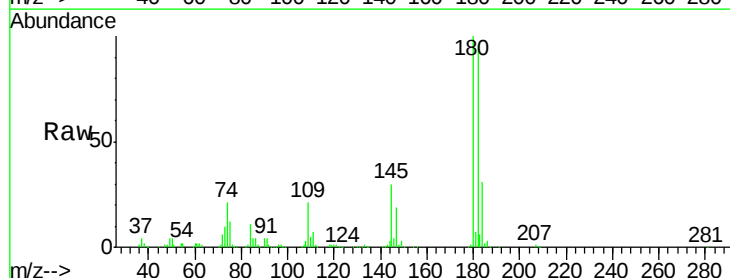
Tgt Ion:180 Resp: 441818

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 29.8 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

