

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072418\
 Data File : VN050013.D
 Acq On : 23 Jul 2018 18:47
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 05:52:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 05:50:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	662133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	958527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	886341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	480275	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	447914	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	7.59	113	396037	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.09	98	1483148	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.40	95	500363	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	507908	65.422	ug/l	100
3) Chloromethane	2.06	50	501928	53.619	ug/l	100
4) Vinyl Chloride	2.18	62	527974	53.192	ug/l	100
5) Bromomethane	2.55	94	299678	47.314	ug/l	100
6) Chloroethane	2.69	64	306599	48.075	ug/l	100
7) Trichlorofluoromethane	3.01	101	665593	49.412	ug/l	100
8) Diethyl Ether	3.41	74	229767	49.293	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	394034	47.649	ug/l	100
10) Methyl Iodide	3.95	142	557381	50.606	ug/l	100
11) Tert butyl alcohol	4.81	59	166494	254.637	ug/l	100
12) 1,1-Dichloroethene	3.73	96	365408	50.130	ug/l	100
13) Acrolein	3.61	56	144973	327.449	ug/l	100
14) Allyl chloride	4.32	41	577357	50.523	ug/l	100
15) Acrylonitrile	4.99	53	731835	255.841	ug/l	100
16) Acetone	3.82	43	548430	231.175	ug/l	100
17) Carbon Disulfide	4.05	76	1097577	50.084	ug/l	100
18) Methyl Acetate	4.33	43	422334	46.518	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1040870	52.382	ug/l	100
20) Methylene Chloride	4.55	84	416174	46.119	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	388815	50.551	ug/l	100
22) Diisopropyl ether	5.96	45	1216872	52.519	ug/l	100
23) Vinyl Acetate	5.90	43	4306399	265.223	ug/l	100
24) 1,1-Dichloroethane	5.85	63	730396	48.858	ug/l	100
25) 2-Butanone	6.84	43	876988	258.718	ug/l	100
26) 2,2-Dichloropropane	6.83	77	549719	47.443	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	432110	51.353	ug/l	100
28) Bromochloromethane	7.20	49	340590	50.817	ug/l	100
29) Tetrahydrofuran	7.22	42	580096	272.020	ug/l	100
30) Chloroform	7.37	83	739104	48.331	ug/l	100
31) Cyclohexane	7.66	56	623571	44.535	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	637324	48.135	ug/l	100
36) 1,1-Dichloropropene	7.80	75	554156	51.707	ug/l	100
37) Ethyl Acetate	6.94	43	381323	51.997	ug/l	100
38) Carbon Tetrachloride	7.78	117	566162	49.287	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	580601	52.358	ug/l	100
40) Benzene	8.04	78	1673692	51.146	ug/l	100
41) Methacrylonitrile	7.17	41	159996	44.467	ug/l	100
42) 1,2-Dichloroethane	8.13	62	540068	49.967	ug/l	100
43) Isopropyl Acetate	8.17	43	700499	54.272	ug/l	100
44) Trichloroethene	8.84	130	430307	50.201	ug/l	100
45) 1,2-Dichloropropane	9.12	63	435790	49.556	ug/l	100
46) Dibromomethane	9.21	93	273752	50.169	ug/l	100
47) Bromodichloromethane	9.41	83	564727	50.098	ug/l	100
48) Methyl methacrylate	9.20	41	353825	54.629	ug/l	100
49) 1,4-Dioxane	9.20	88	95113	1053.221	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1994564	277.724	ug/l	100
52) Toluene	10.16	92	1036770	53.274	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	571166	51.384	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	642882	52.231	ug/l	100
55) 1,1,2-Trichloroethane	10.57	97	386094	48.179	ug/l	100
56) Ethyl methacrylate	10.43	69	507632	54.574	ug/l	100
57) 1,3-Dichloropropane	10.71	76	649562	51.372	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1206318	284.226	ug/l	100
59) 2-Hexanone	10.75	43	1362844	282.929	ug/l	100
60) Dibromochloromethane	10.90	129	442441	50.374	ug/l	100
61) 1,2-Dibromoethane	11.01	107	391229	52.128	ug/l	100
64) Tetrachloroethene	10.63	164	420122	51.811	ug/l	100
65) Chlorobenzene	11.44	112	1110080	49.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	419031	48.403	ug/l	100
67) Ethyl Benzene	11.51	91	1923230	53.023	ug/l	100
68) m/p-Xylenes	11.62	106	1488380	108.527	ug/l	100
69) o-Xylene	11.95	106	707608	53.749	ug/l	100
70) Styrene	11.97	104	1158318	54.562	ug/l	100
71) Bromoform	12.13	173	315675	51.170	ug/l	100
73) Isopropylbenzene	12.25	105	1893164	51.576	ug/l	100
74) N-amyl acetate	12.07	43	588661	52.806	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	510008	46.481	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	635073	70.685	ug/l #	100
77) Bromobenzene	12.53	156	492919	48.648	ug/l	100
78) n-propylbenzene	12.59	91	2191177	52.542	ug/l	100
79) 2-Chlorotoluene	12.68	91	1299716	50.769	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1562503	53.177	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	144926	50.209	ug/l	100
82) 4-Chlorotoluene	12.78	91	1324705	51.608	ug/l	100
83) tert-Butylbenzene	13.00	119	1331854	51.751	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1602529	53.858	ug/l	100
85) sec-Butylbenzene	13.17	105	1799605	52.831	ug/l	100
86) p-Isopropyltoluene	13.29	119	1567922	53.985	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	870571	49.389	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	845540	47.900	ug/l	100
89) n-Butylbenzene	13.62	91	1282250	53.551	ug/l	100
90) Hexachloroethane	13.88	117	291568	44.780	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	849624	49.059	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	82617	48.382	ug/l	100

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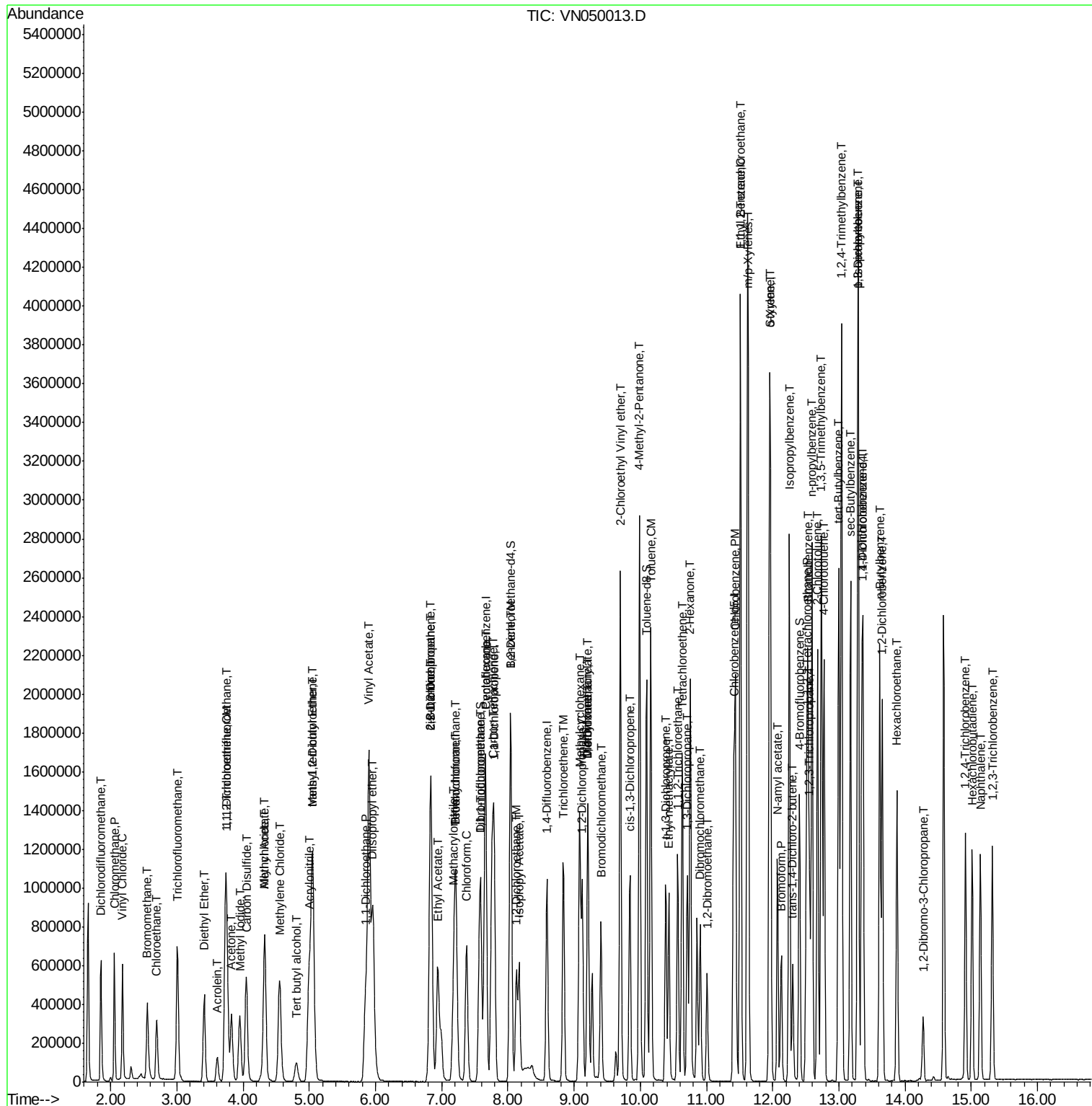
Quant Time: Jul 24 05:52:20 2018
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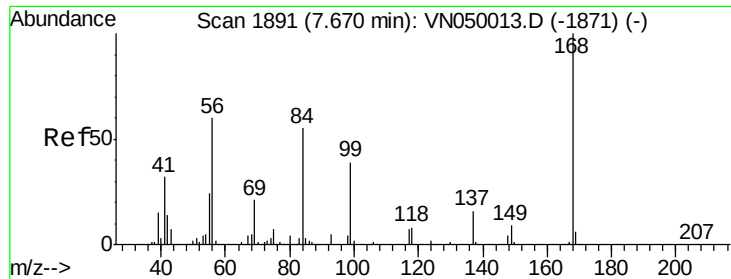
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	441978	55.562	ug/l	100
94) Hexachlorobutadiene	15.01	225	251432	44.372	ug/l	100
95) Naphthalene	15.14	128	1006104	57.537	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	434532	52.510	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050013.D

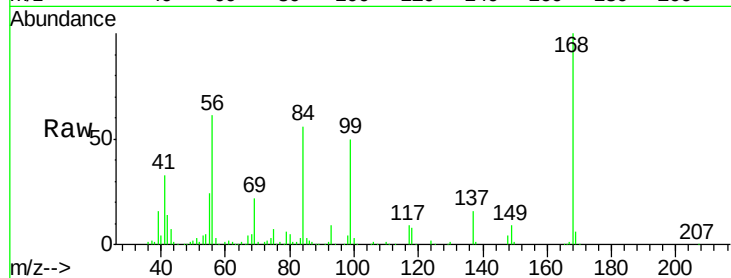
Acq: 23 Jul 2018 18:47

Tgt Ion: 168 Resp: 662133

Ion Ratio Lower Upper

168 100

99 50.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

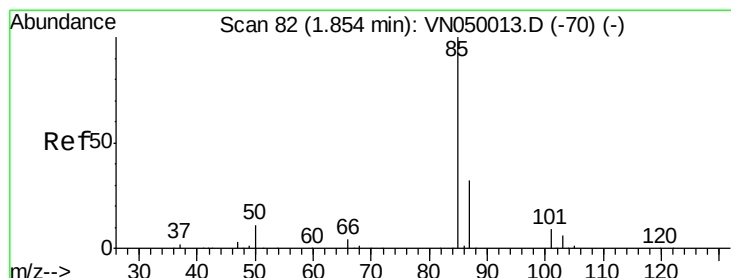
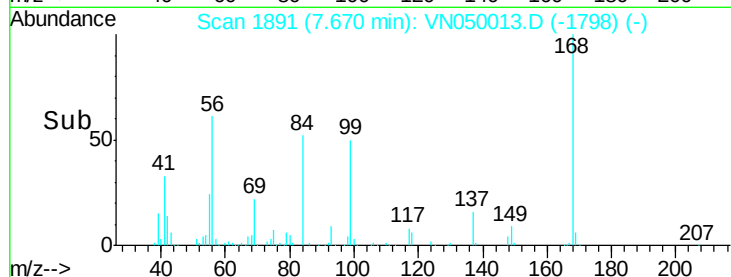
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 65.422 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050013.D

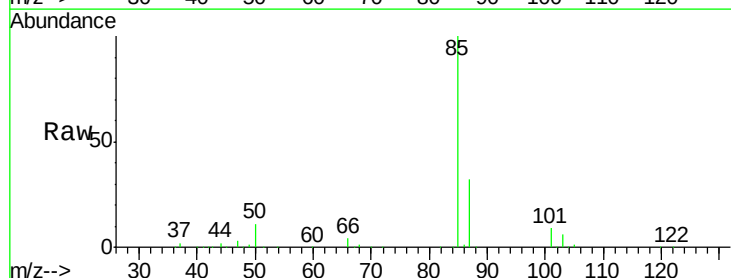
Acq: 23 Jul 2018 18:47

Tgt Ion: 85 Resp: 507908

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

400000

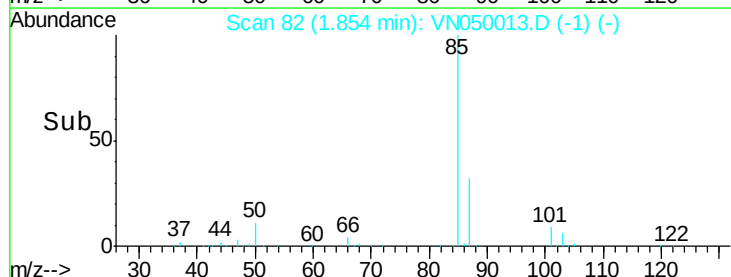
300000

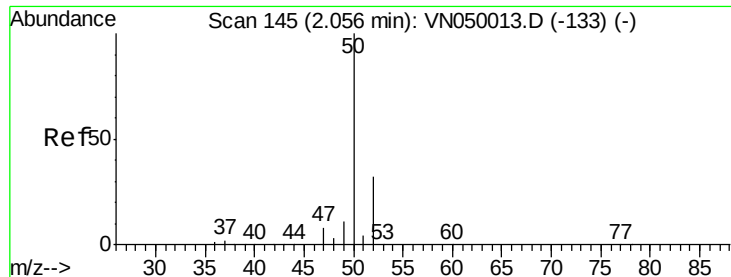
200000

100000

0

Time-->





#3

Chloromethane

Concen: 53.619 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050013.D

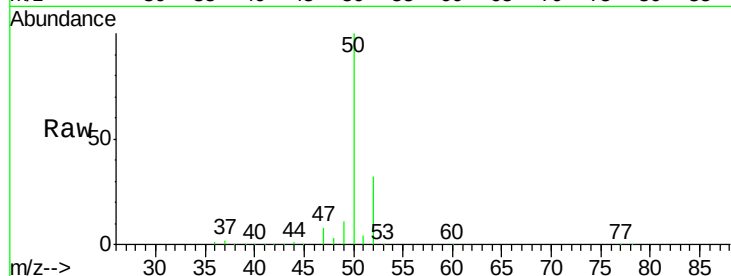
Acq: 23 Jul 2018 18:47

Tgt Ion: 50 Resp: 501928

Ion Ratio Lower Upper

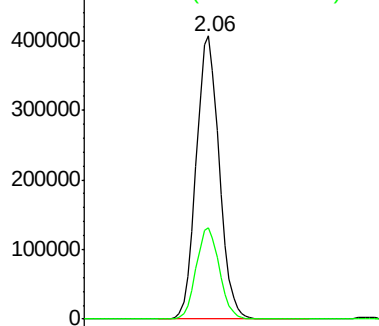
50 100

52 32.4 25.9 38.9

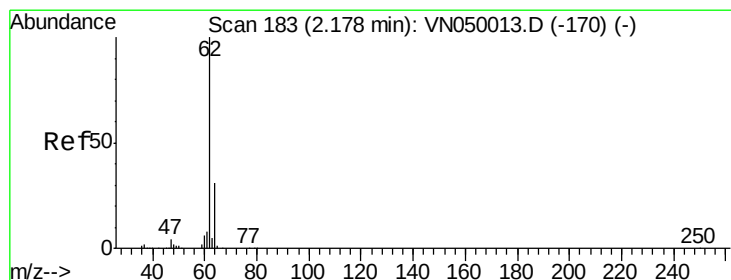
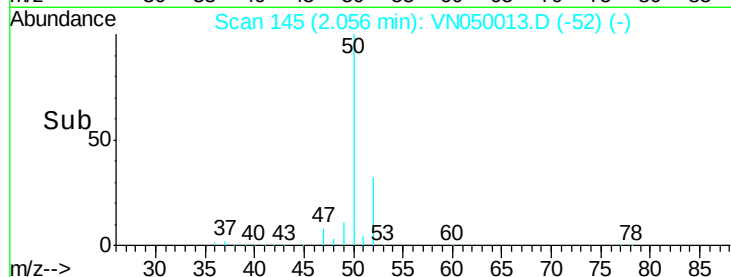


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



Time-->



#4

Vinyl Chloride

Concen: 53.192 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050013.D

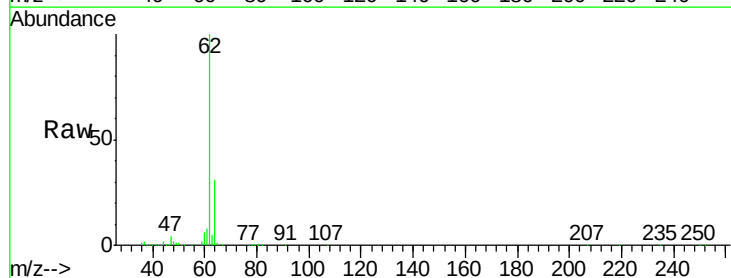
Acq: 23 Jul 2018 18:47

Tgt Ion: 62 Resp: 527974

Ion Ratio Lower Upper

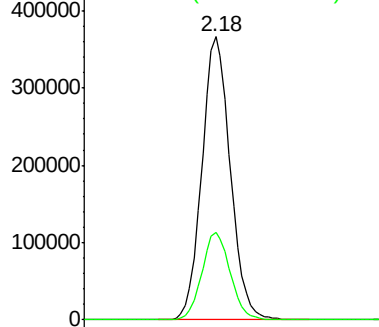
62 100

64 30.9 24.7 37.1

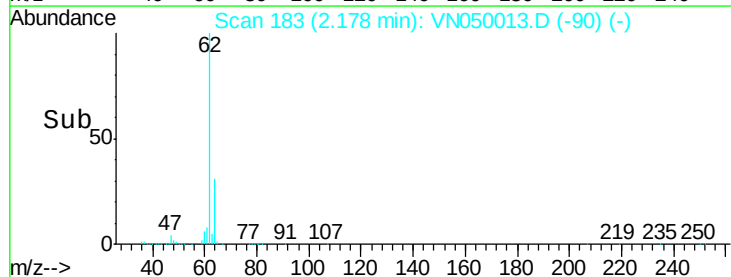


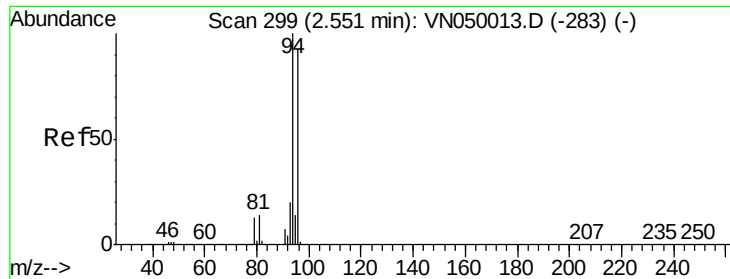
Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->





#5

Bromomethane

Concen: 47.314 ug/l

RT: 2.55 min Scan# 299

Delta R.T. 0.00 min

Lab File: VN050013.D

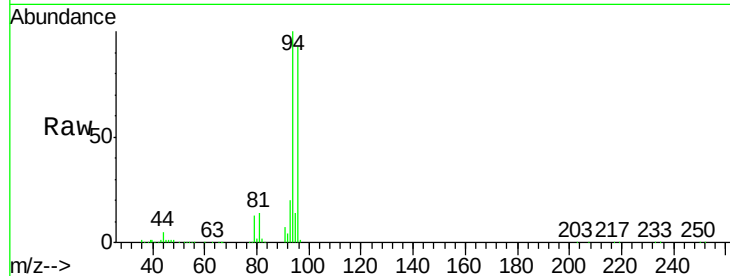
Acq: 23 Jul 2018 18:47

Tgt Ion: 94 Resp: 299678

Ion Ratio Lower Upper

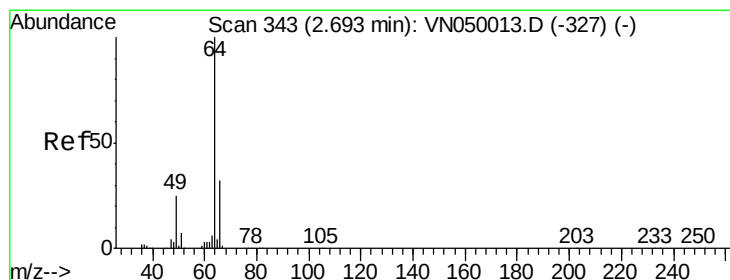
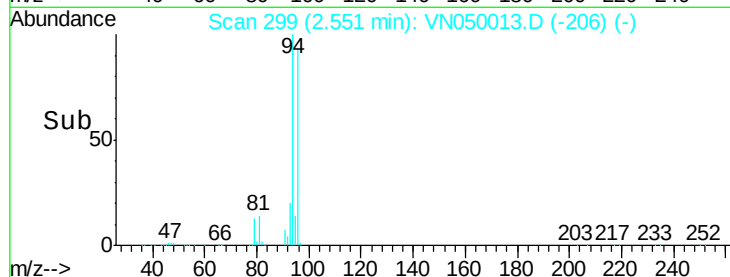
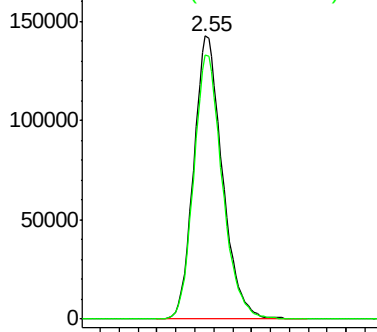
94 100

96 93.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.075 ug/l

RT: 2.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VN050013.D

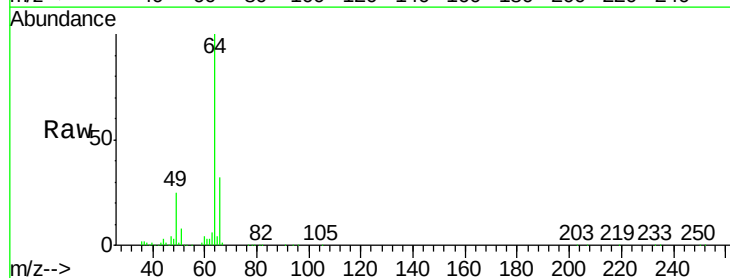
Acq: 23 Jul 2018 18:47

Tgt Ion: 64 Resp: 306599

Ion Ratio Lower Upper

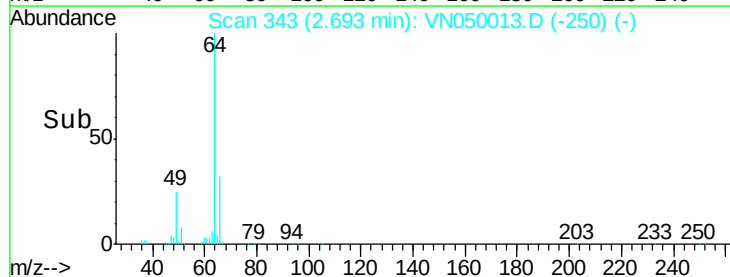
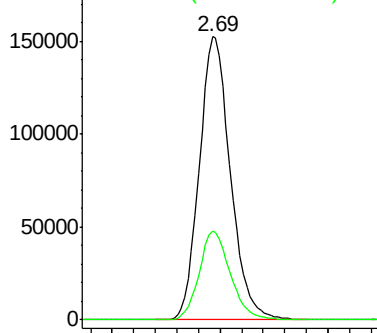
64 100

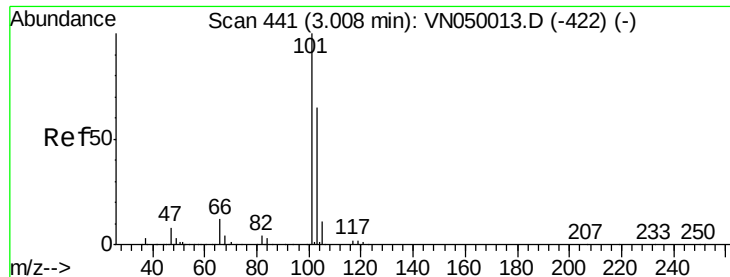
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

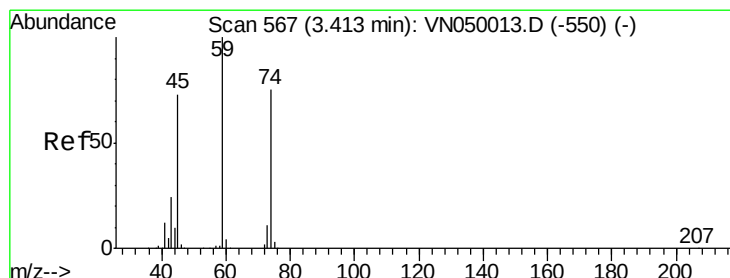
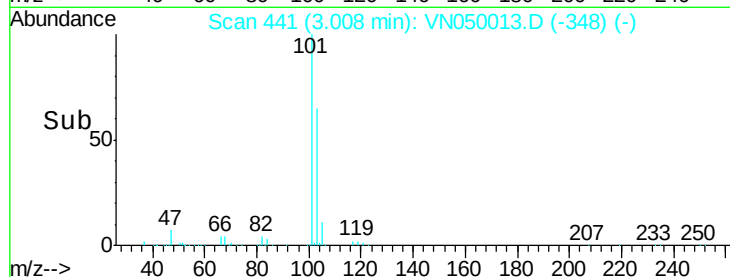
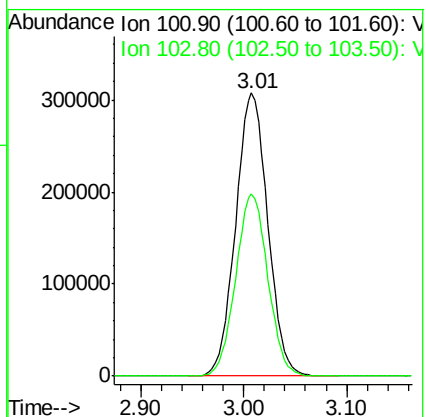
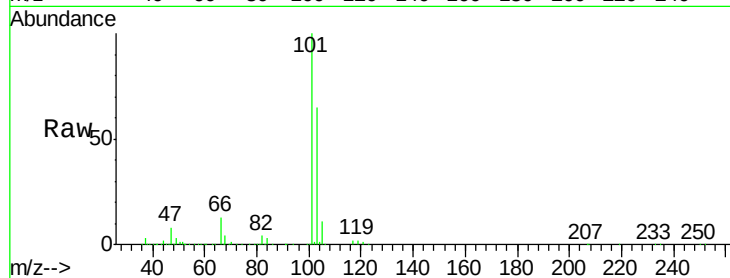




#7

Trichlorofluoromethane
 Concen: 49.412 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

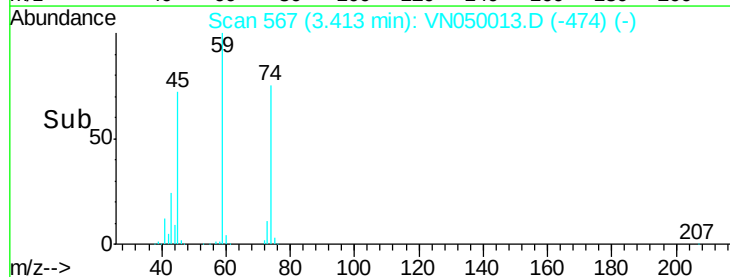
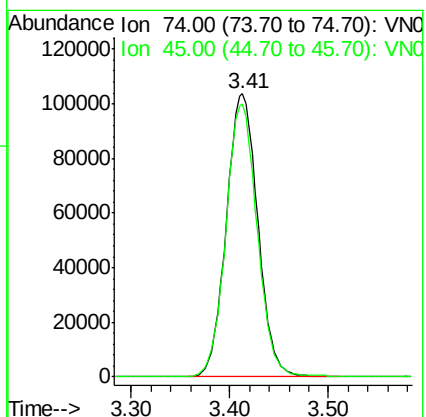
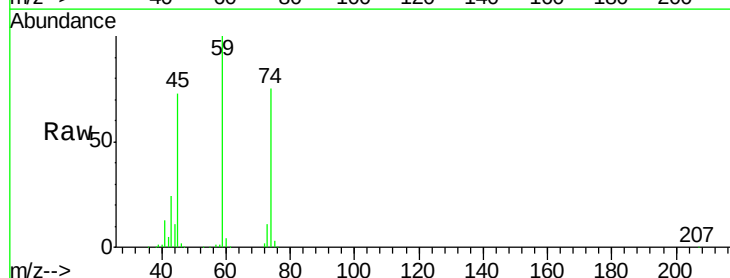
Tgt Ion: 101 Resp: 665593
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

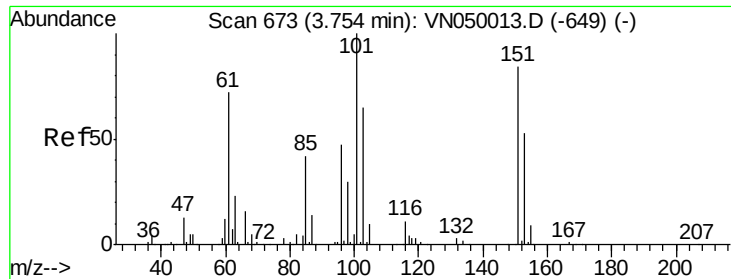


#8

Diethyl Ether
 Concen: 49.293 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

Tgt Ion: 74 Resp: 229767
 Ion Ratio Lower Upper
 74 100
 45 95.2 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.649 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

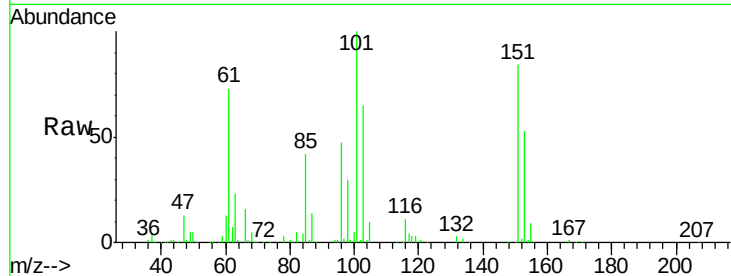
Tgt Ion:101 Resp: 394034

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.2

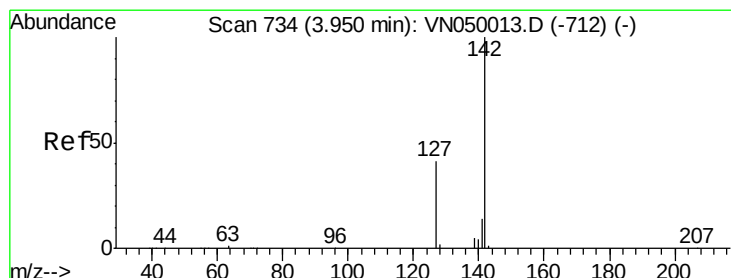
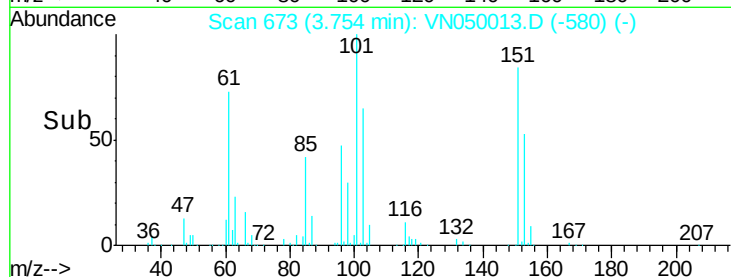
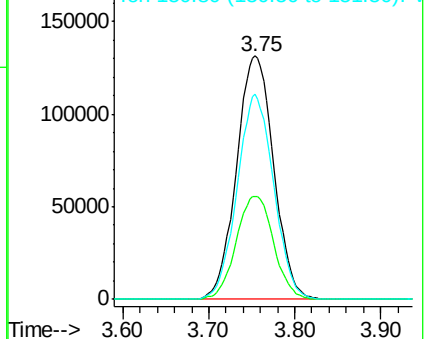
151 82.9 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.606 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

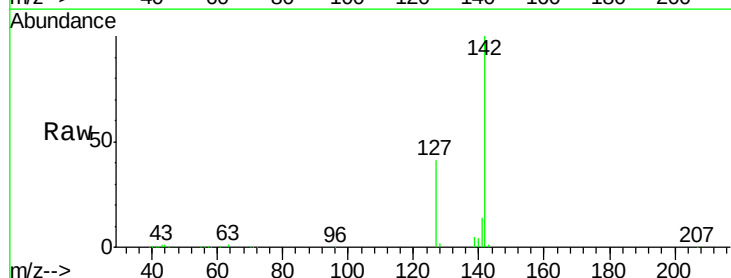
Tgt Ion:142 Resp: 557381

Ion Ratio Lower Upper

142 100

127 41.8 33.4 50.2

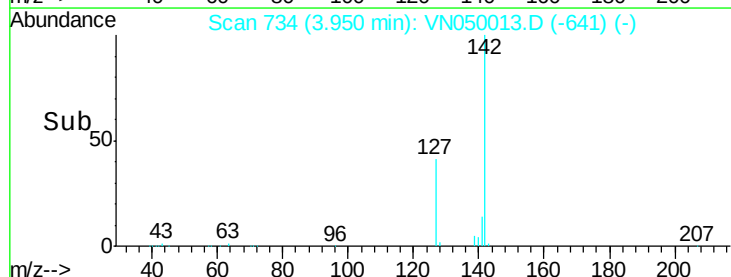
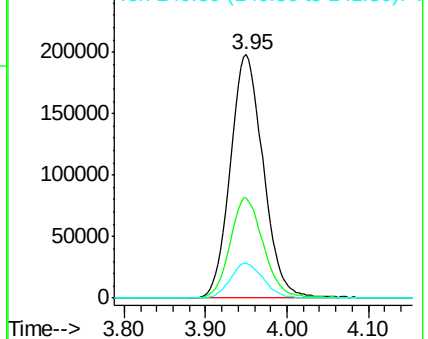
141 14.5 11.6 17.4

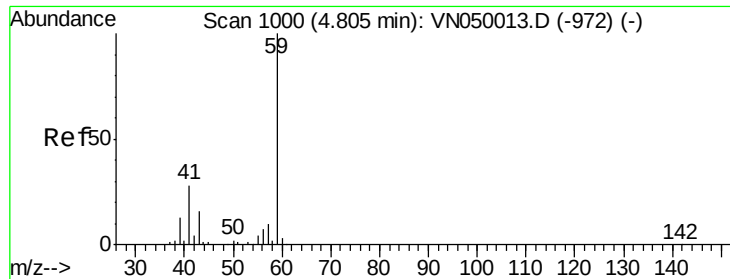


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 254.637 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN050013.D

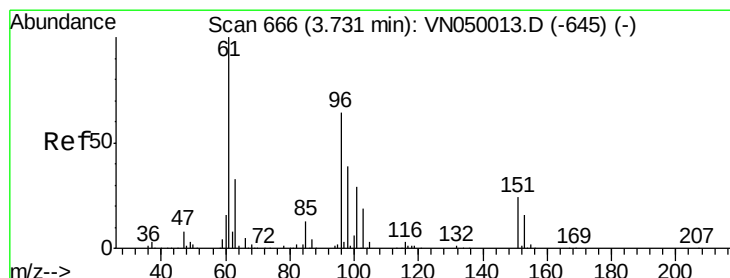
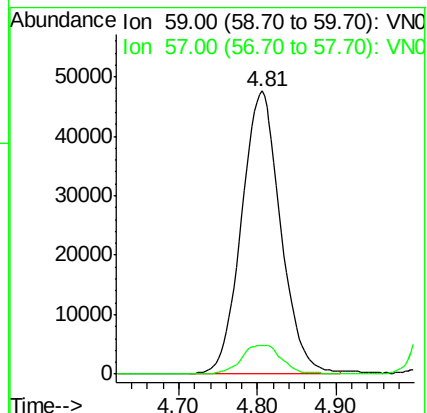
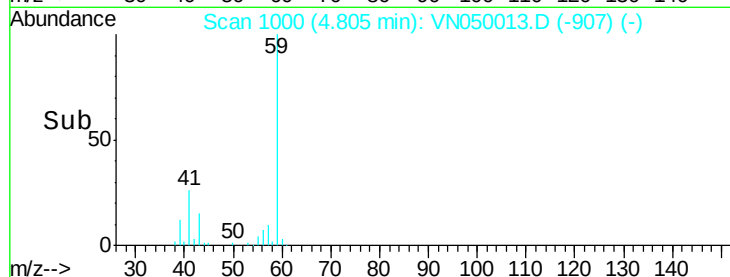
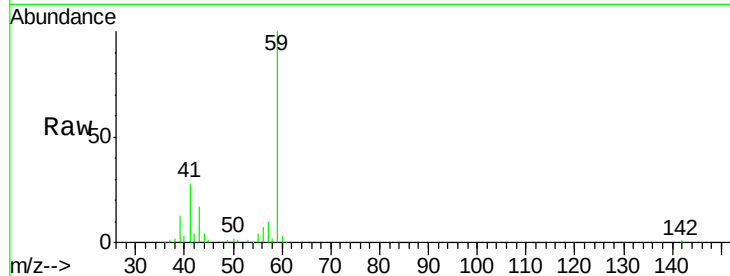
Acq: 23 Jul 2018 18:47

Tgt Ion: 59 Resp: 166494

Ion Ratio Lower Upper

59 100

57 10.6 8.5 12.7



#12

1,1-Dichloroethene

Concen: 50.130 ug/l

RT: 3.73 min Scan# 666

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

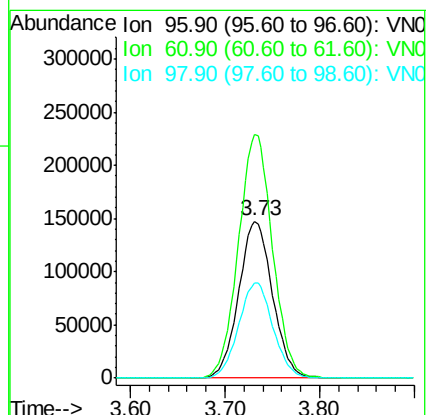
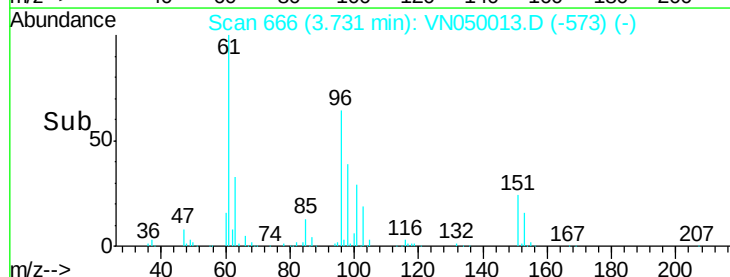
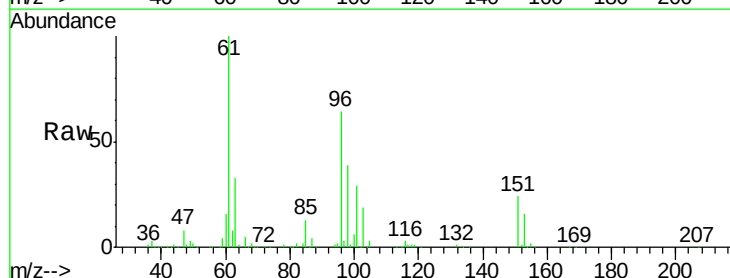
Tgt Ion: 96 Resp: 365408

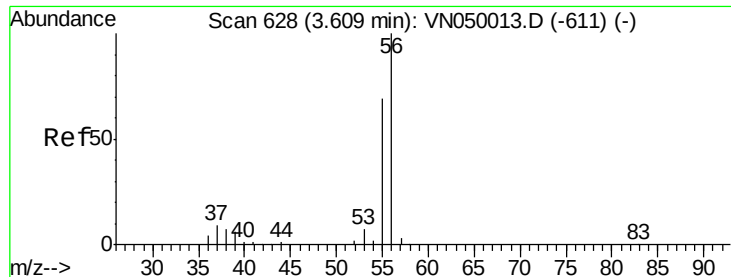
Ion Ratio Lower Upper

96 100

61 155.5 124.4 186.6

98 60.4 48.3 72.5





#13

Acrolein

Concen: 327.449 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050013.D

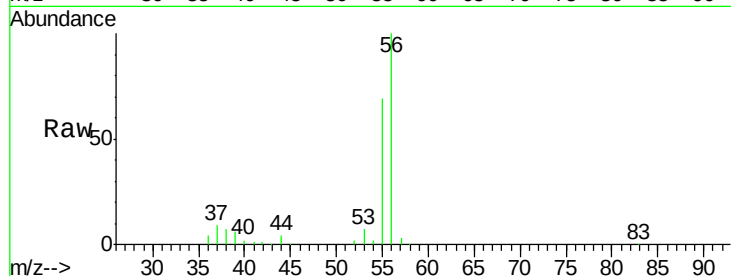
Acq: 23 Jul 2018 18:47

Tgt Ion: 56 Resp: 144973

Ion Ratio Lower Upper

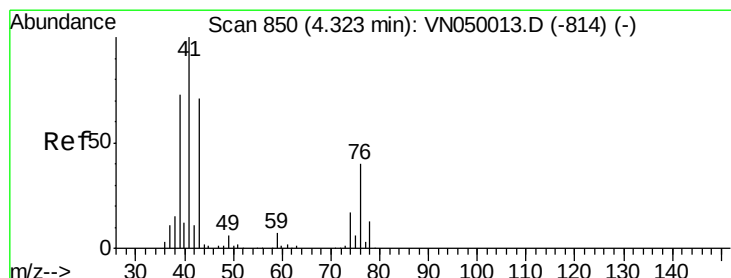
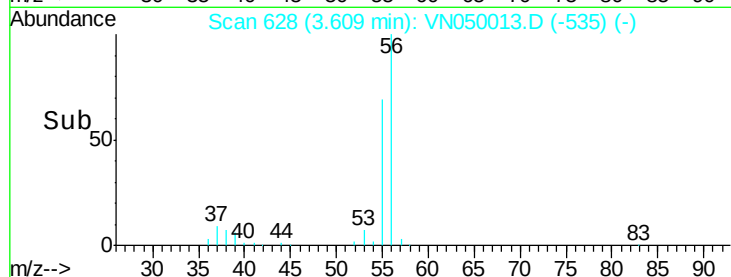
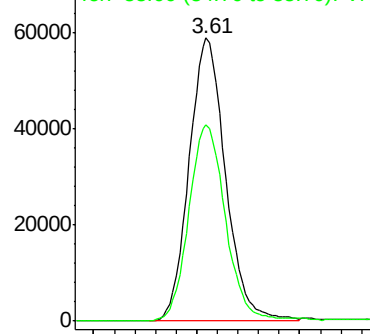
56 100

55 69.7 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.523 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

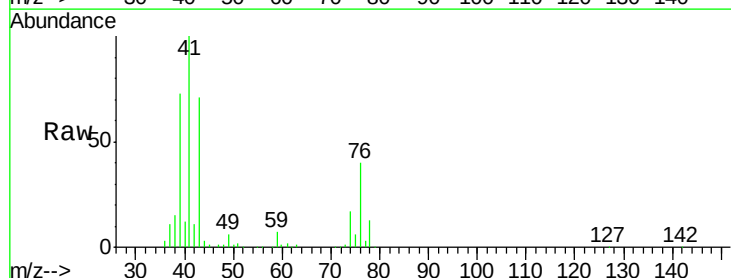
Tgt Ion: 41 Resp: 577357

Ion Ratio Lower Upper

41 100

39 67.8 54.2 81.4

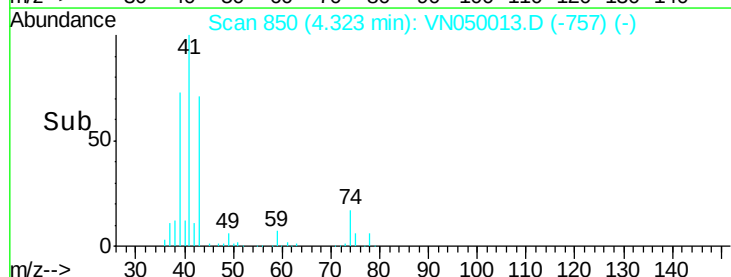
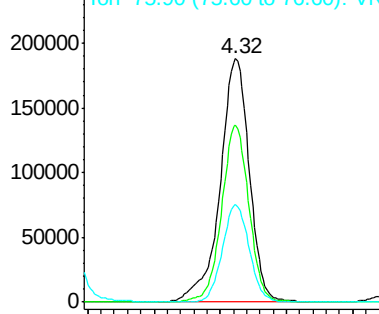
76 36.3 29.0 43.6

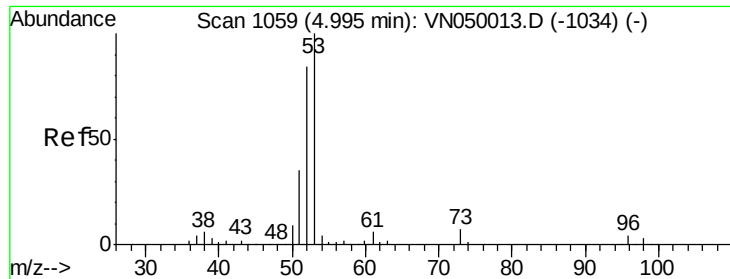


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 255.841 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

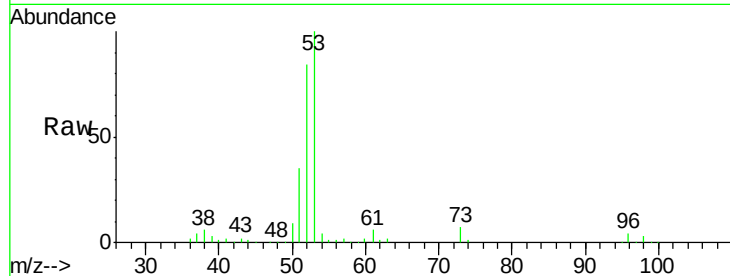
Tgt Ion: 53 Resp: 731835

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

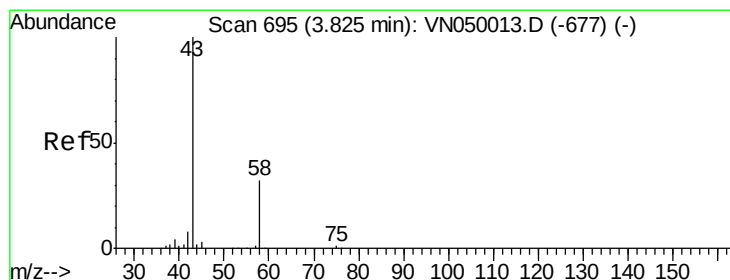
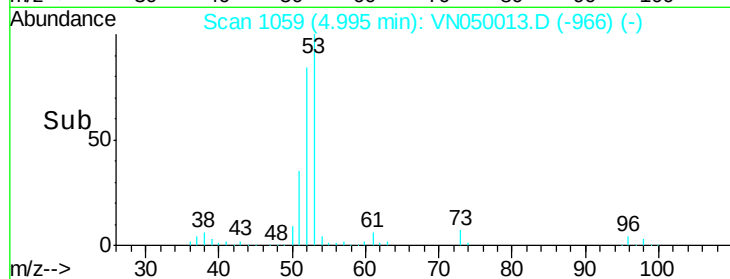
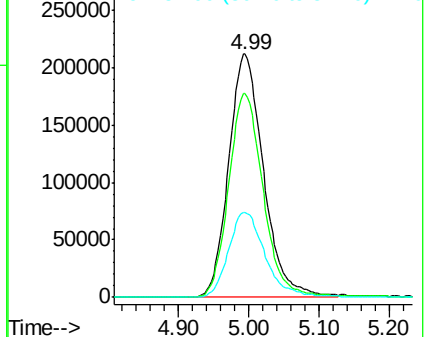
51 36.6 29.3 43.9



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: 231.175 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050013.D

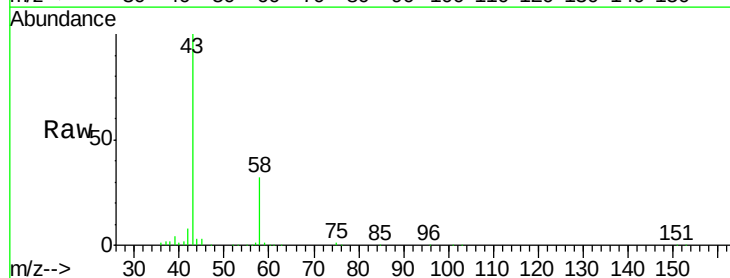
Acq: 23 Jul 2018 18:47

Tgt Ion: 43 Resp: 548430

Ion Ratio Lower Upper

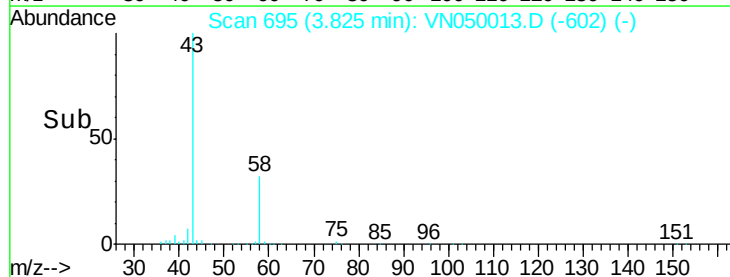
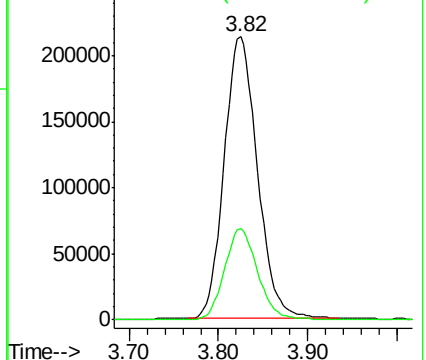
43 100

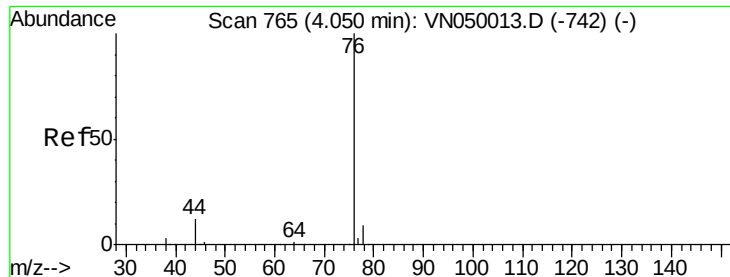
58 32.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 50.084 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050013.D

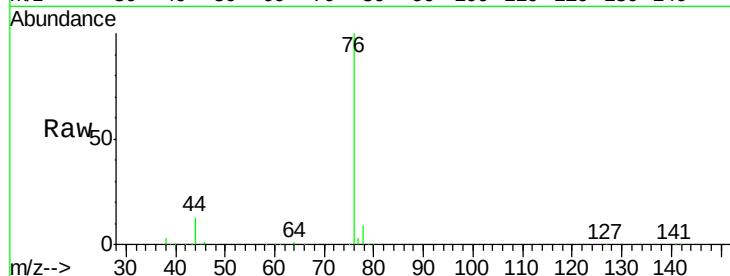
Acq: 23 Jul 2018 18:47

Tgt Ion: 76 Resp: 1097577

Ion Ratio Lower Upper

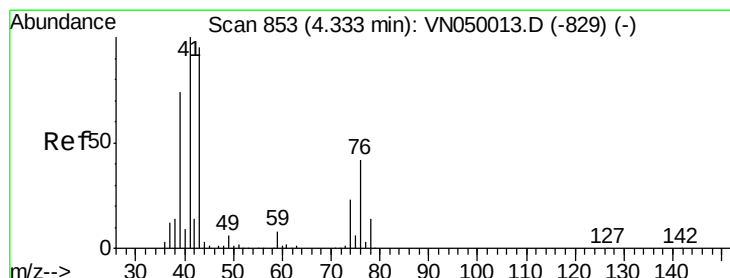
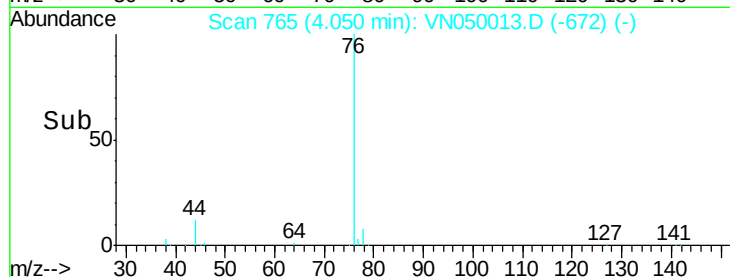
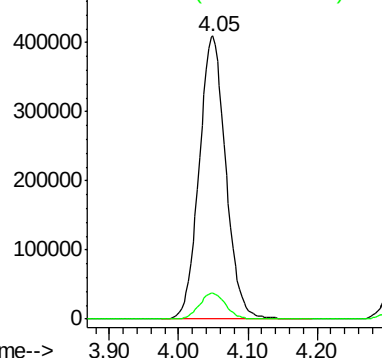
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 46.518 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050013.D

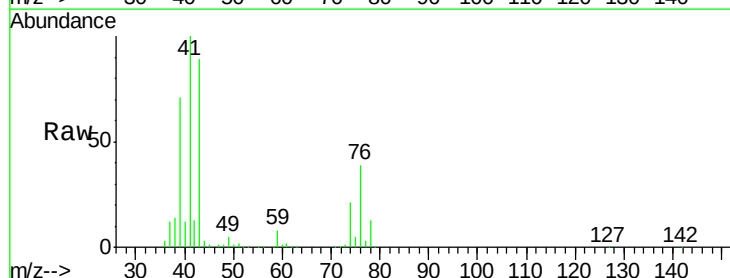
Acq: 23 Jul 2018 18:47

Tgt Ion: 43 Resp: 422334

Ion Ratio Lower Upper

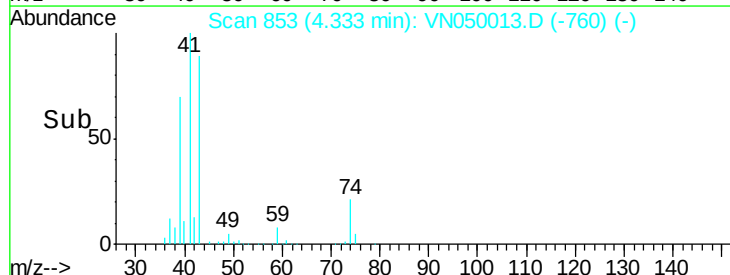
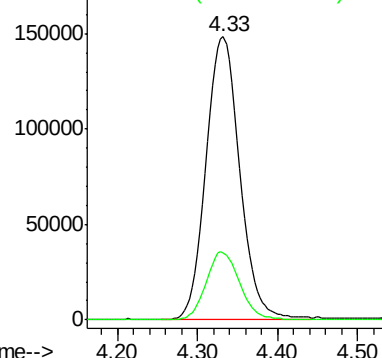
43 100

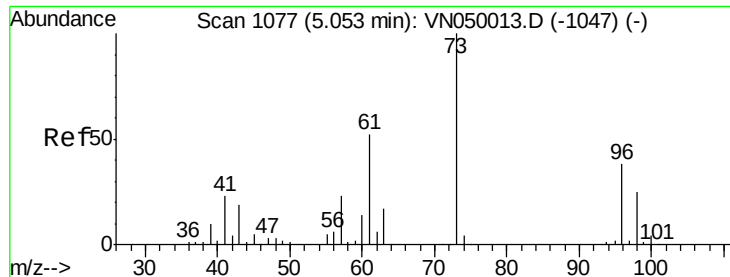
74 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

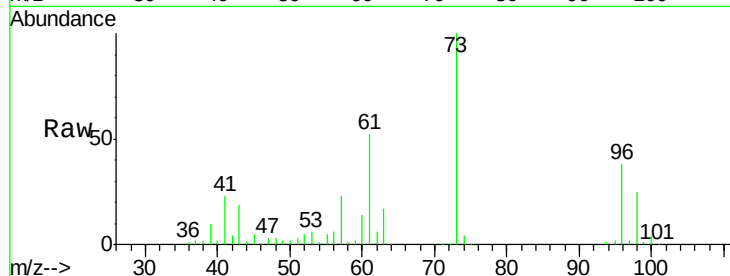
Methyl tert-butyl Ether
Concen: 52.382 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion: 73 Resp: 1040870

Ion Ratio Lower Upper

73 100

57 22.5 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN050013.D (-1047) (-)

Ion 57.00 (56.70 to 57.70): VN050013.D (-1047) (-)

5.05

300000

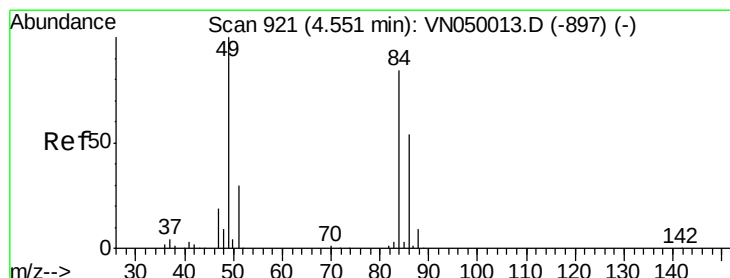
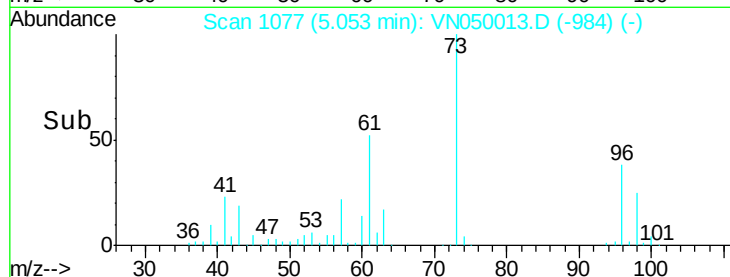
200000

100000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride
Concen: 46.119 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion: 84 Resp: 416174

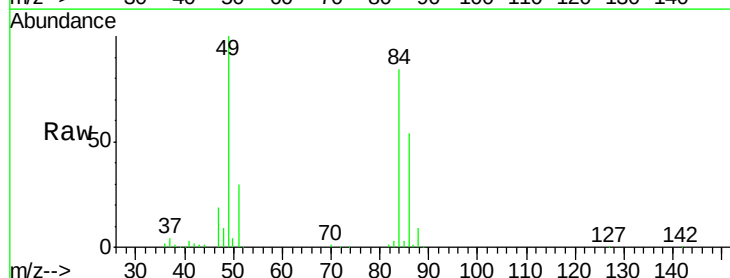
Ion Ratio Lower Upper

84 100

49 118.5 94.8 142.2

51 35.4 28.3 42.5

86 63.8 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VN050013.D (-897) (-)

Ion 48.90 (48.60 to 49.60): VN050013.D (-897) (-)

Ion 50.90 (50.60 to 51.60): VN050013.D (-897) (-)

Ion 85.90 (85.60 to 86.60): VN050013.D (-897) (-)

250000

200000

150000

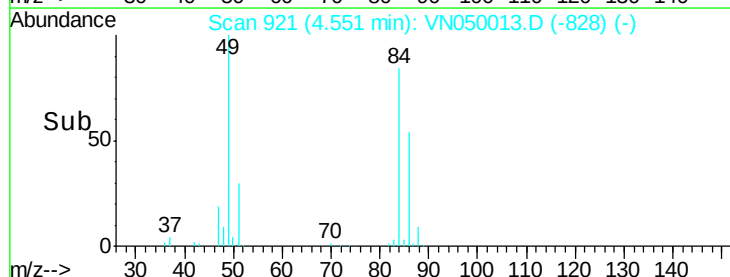
100000

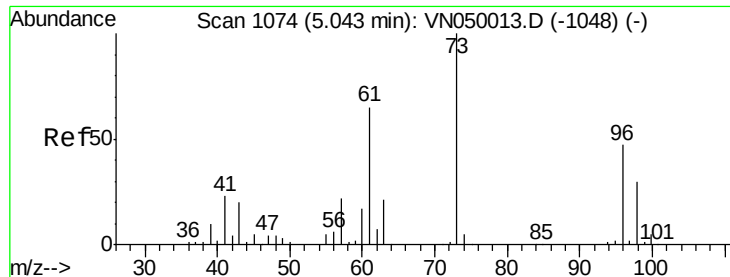
50000

0

Time-->

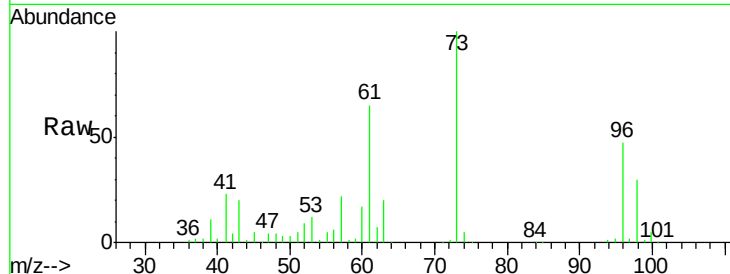
4.40 4.50 4.60 4.70



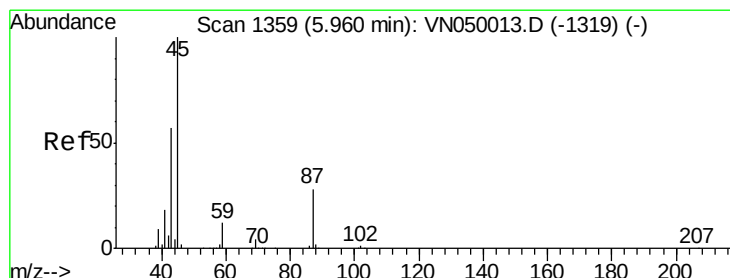
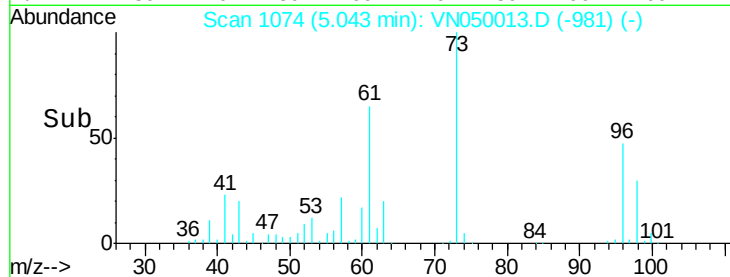
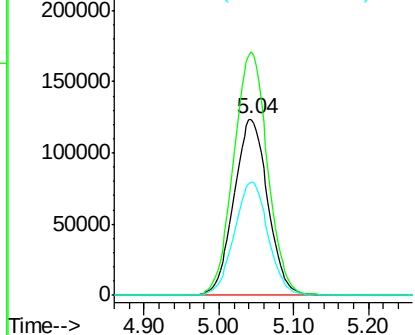


#21
trans-1,2-Dichloroethene
Concen: 50.551 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion: 96 Resp: 388815
Ion Ratio Lower Upper
96 100
61 138.4 110.7 166.1
98 64.5 51.6 77.4

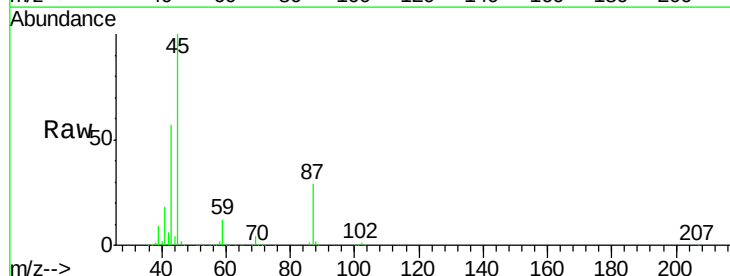


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

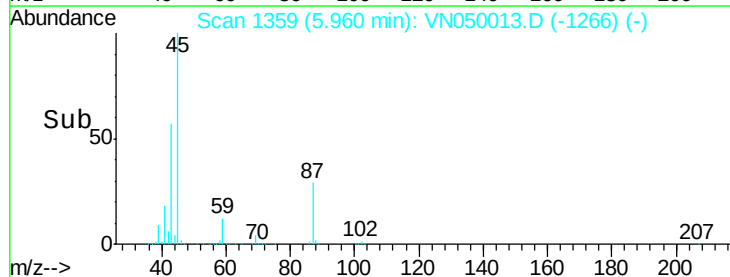
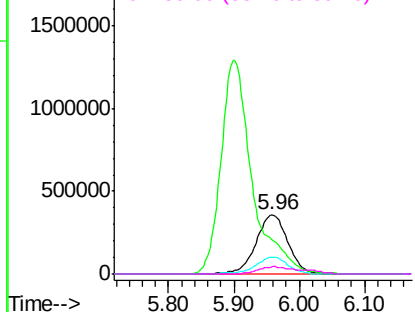


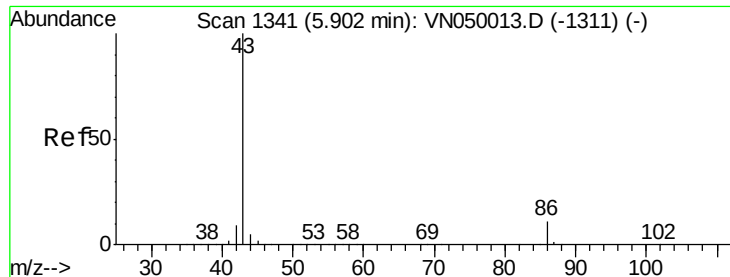
#22
Diisopropyl ether
Concen: 52.519 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion: 45 Resp: 1216872
Ion Ratio Lower Upper
45 100
43 57.1 45.7 68.5
87 28.4 22.7 34.1
59 11.9 9.5 14.3



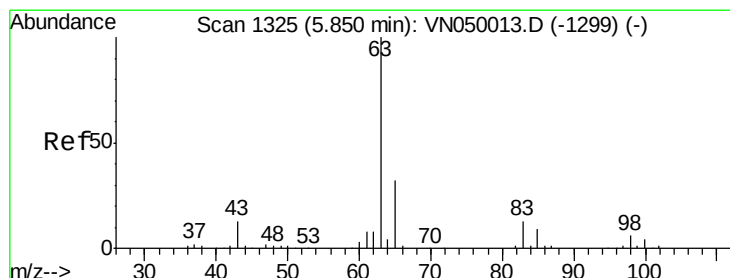
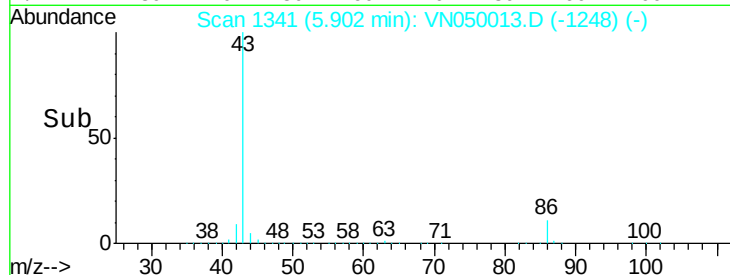
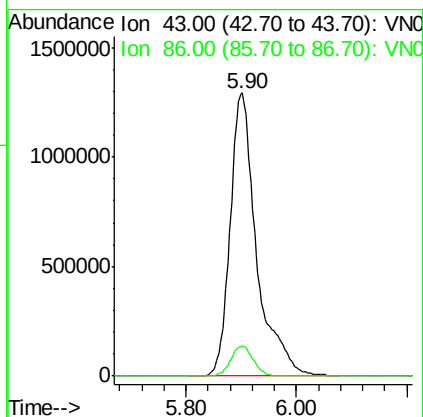
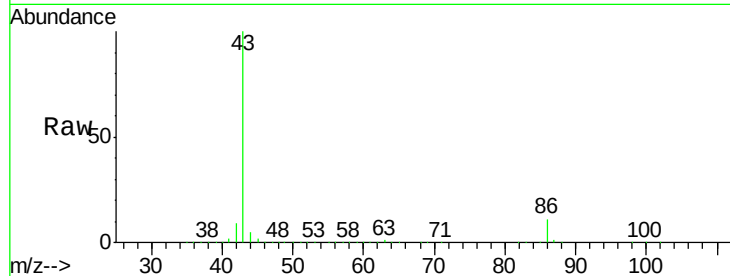
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





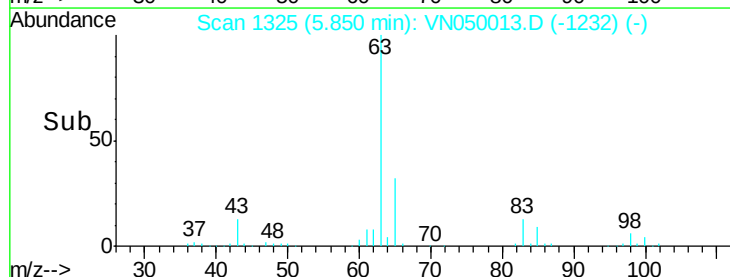
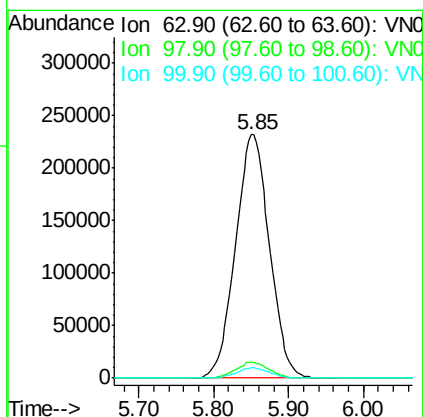
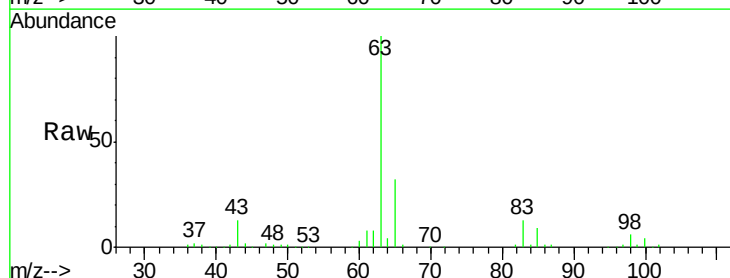
#23
 Vinyl Acetate
 Concen: 265.223 ug/l
 RT: 5.90 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

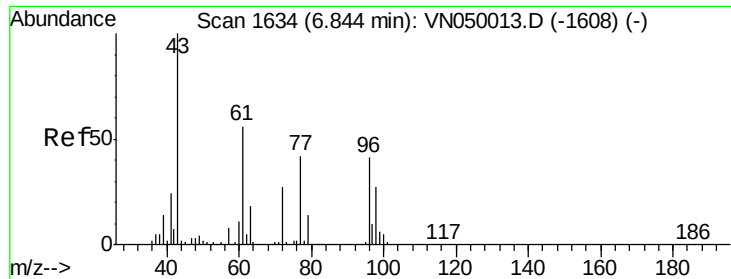
Tgt Ion: 43 Resp: 4306399
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.858 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

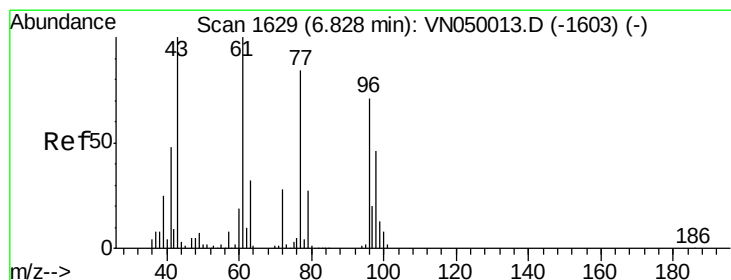
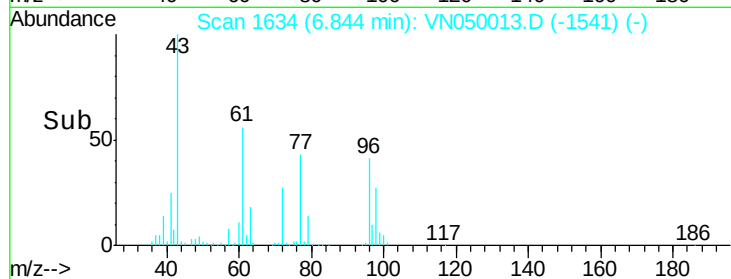
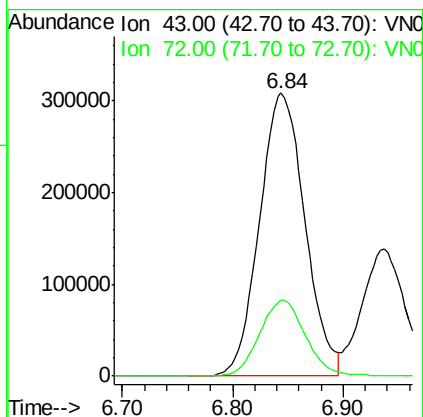
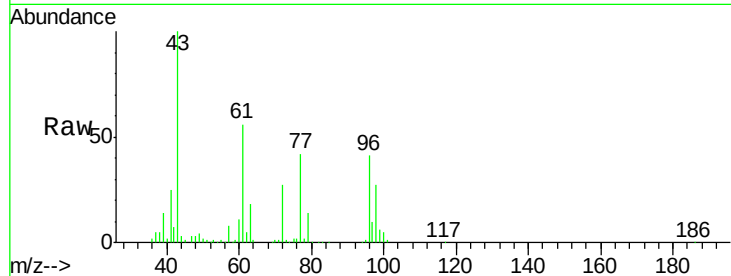
Tgt Ion: 63 Resp: 730396
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.2 2.1 6.3





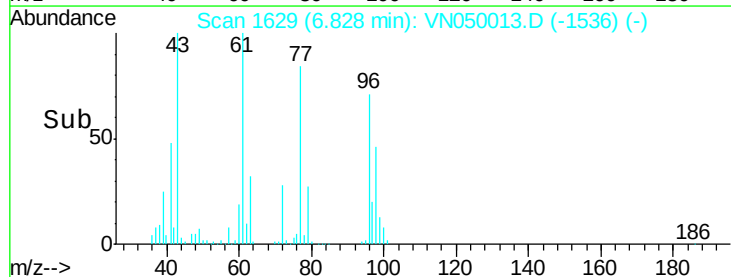
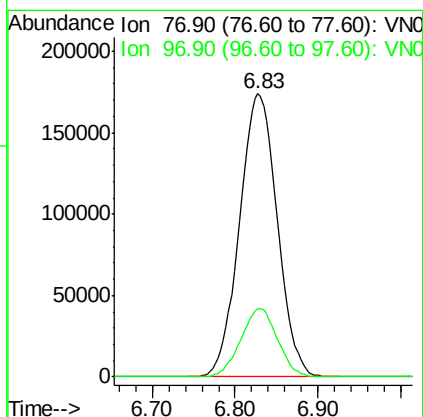
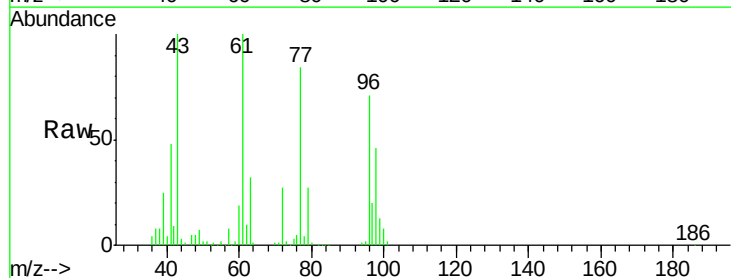
#25
2-Butanone
Concen: 258.718 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

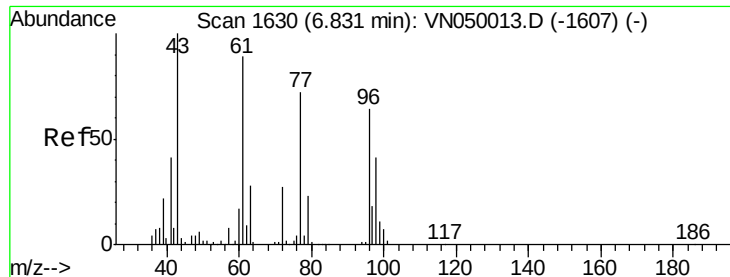
Tgt Ion: 43 Resp: 876988
Ion Ratio Lower Upper
43 100
72 26.9 21.5 32.3



#26
2,2-Dichloropropane
Concen: 47.443 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion: 77 Resp: 549719
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.353 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

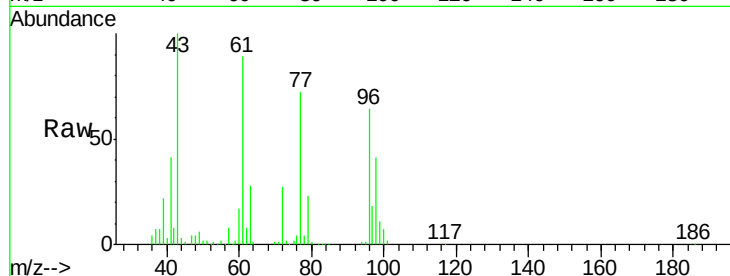
Tgt Ion: 96 Resp: 432110

Ion Ratio Lower Upper

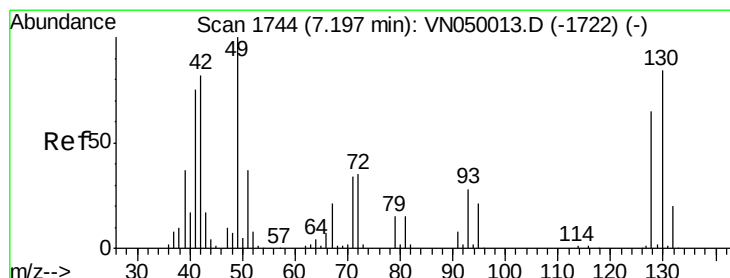
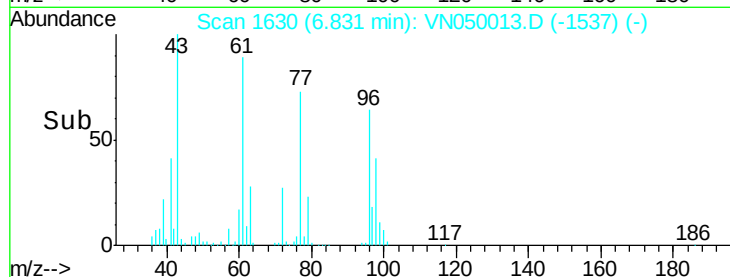
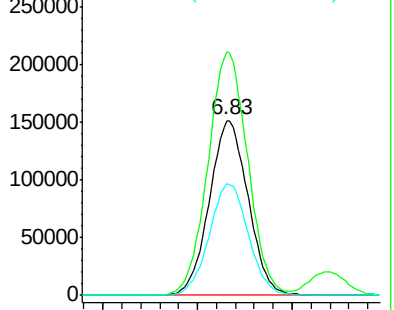
96 100

61 142.5 0.0 285.0

98 64.6 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: 50.817 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

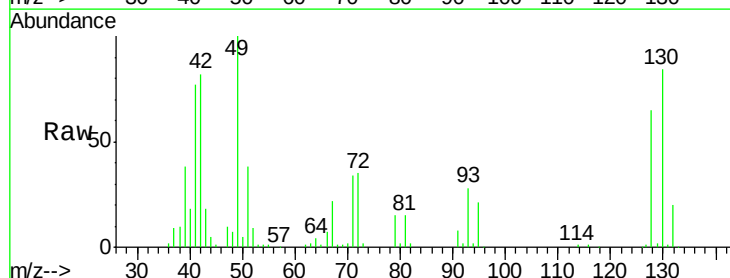
Tgt Ion: 49 Resp: 340590

Ion Ratio Lower Upper

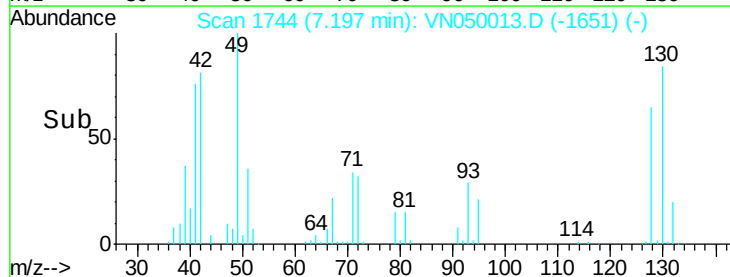
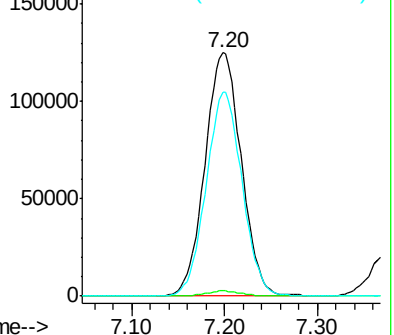
49 100

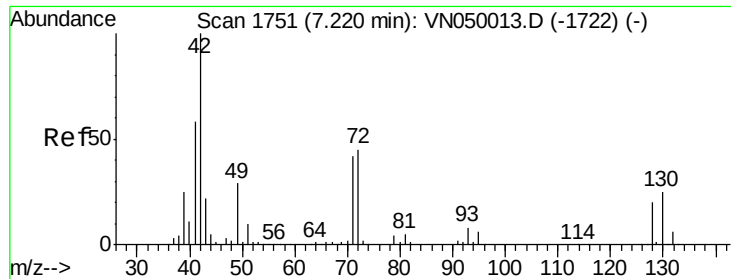
129 2.0 0.0 4.0

130 82.9 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: 272.020 ug/l

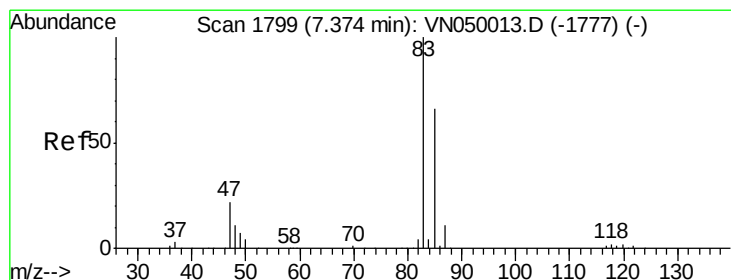
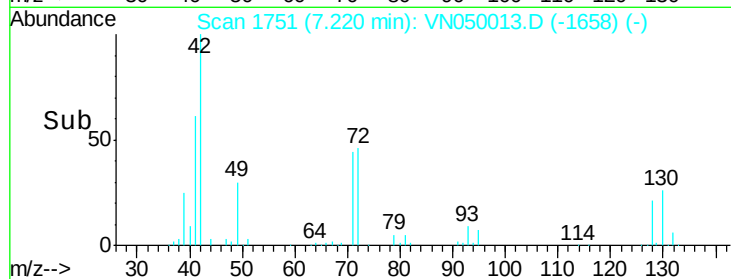
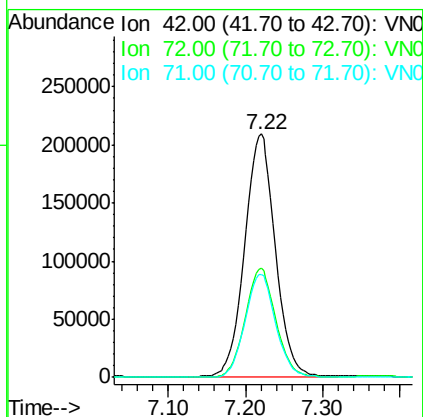
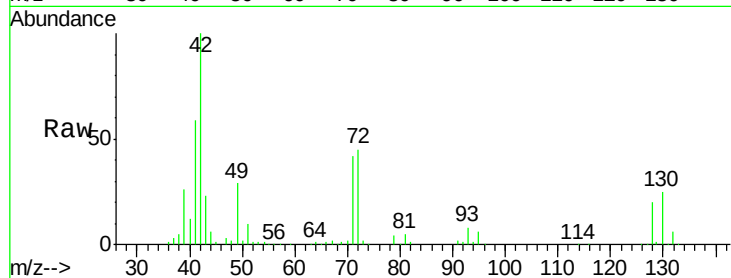
RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

Tgt Ion:	42	Resp:	580096
Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.9	53.9
71	42.1	33.7	50.5



#30

Chloroform

Concen: 48.331 ug/l

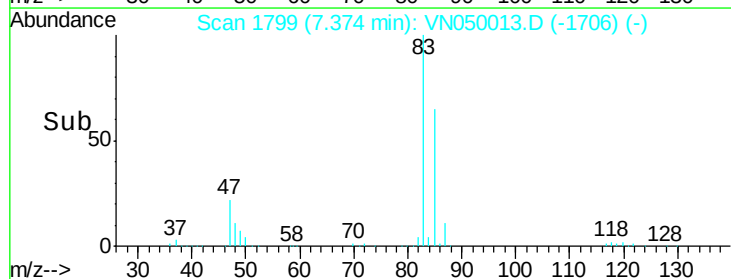
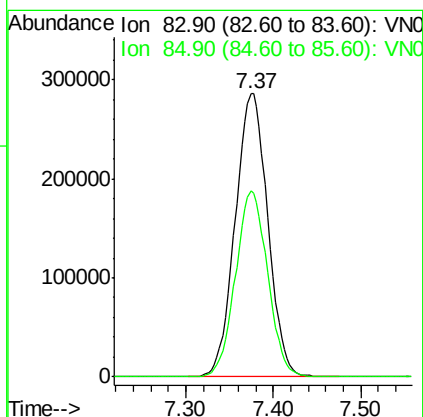
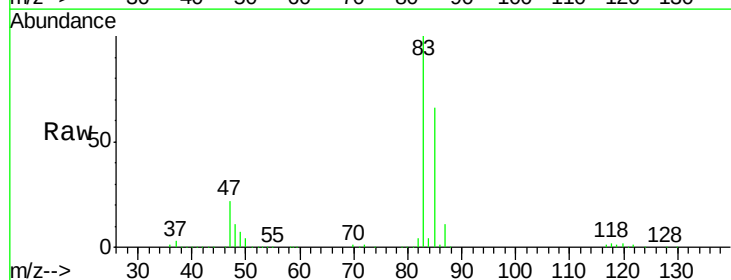
RT: 7.37 min Scan# 1799

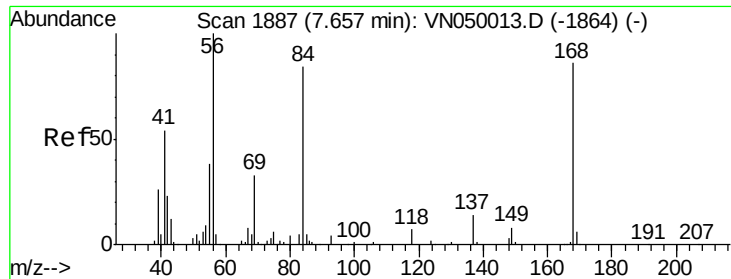
Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

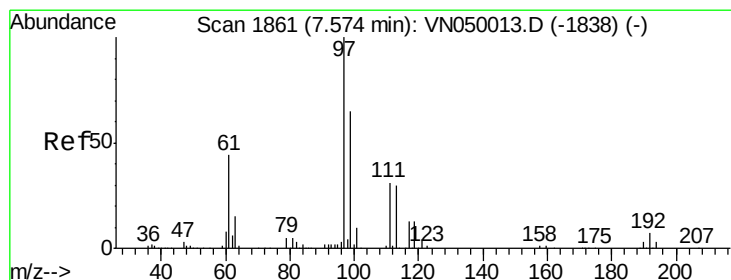
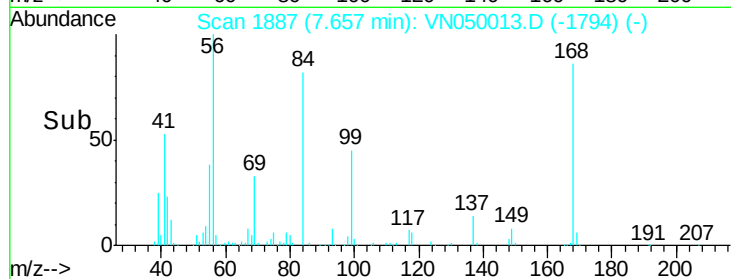
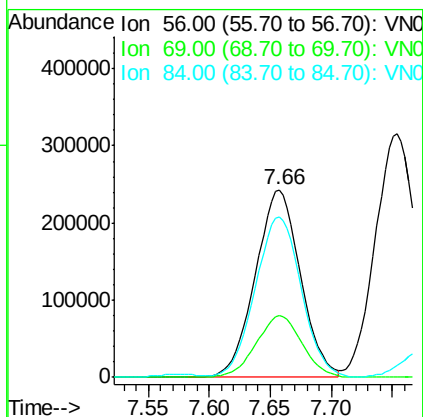
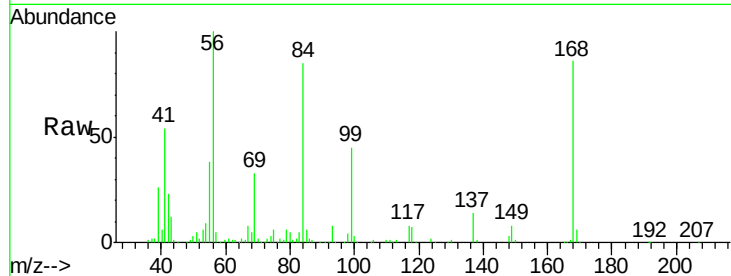
Tgt Ion:	83	Resp:	739104
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7





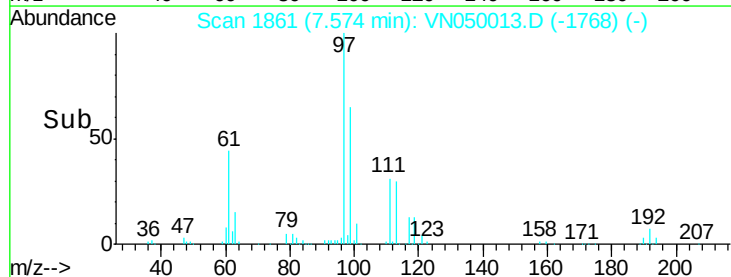
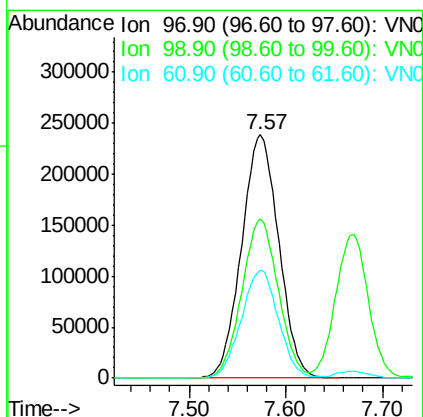
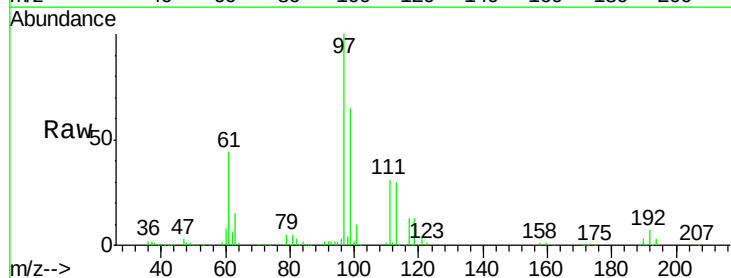
#31
Cyclohexane
Concen: 44.535 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

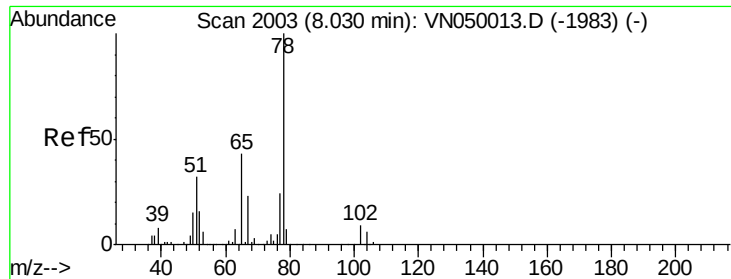
Tgt Ion: 56 Resp: 623571
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 84.2 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 48.135 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

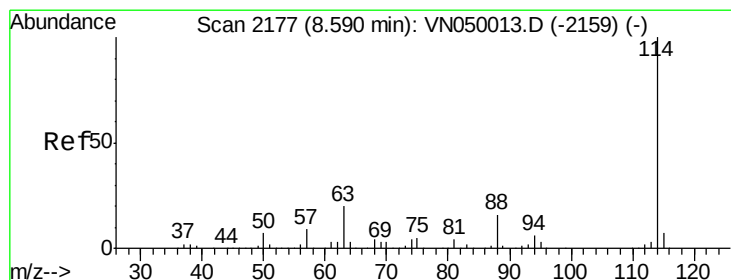
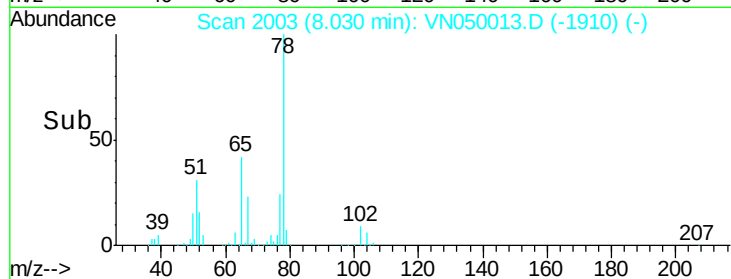
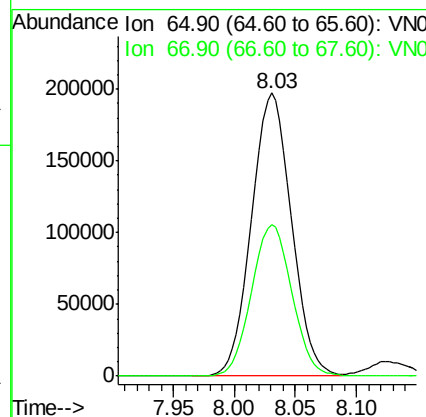
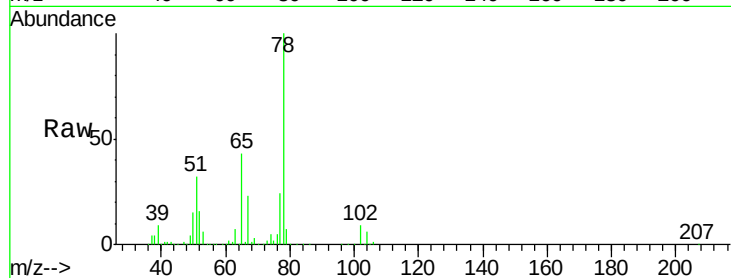
Tgt Ion: 97 Resp: 637324
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 44.2 35.4 53.0





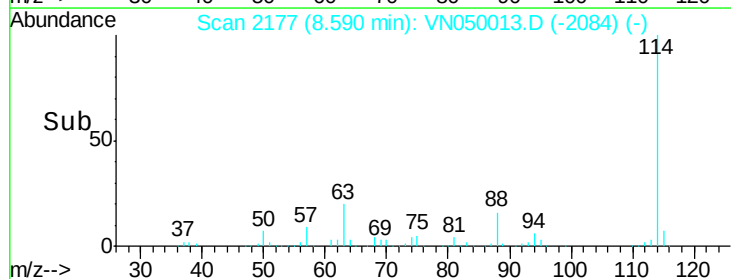
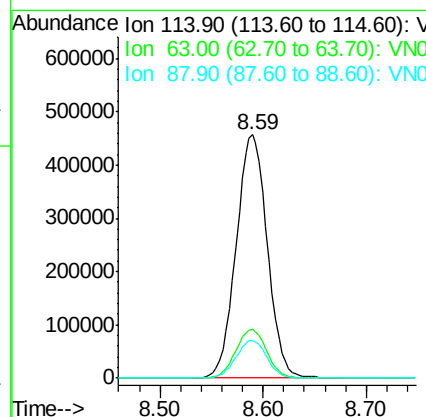
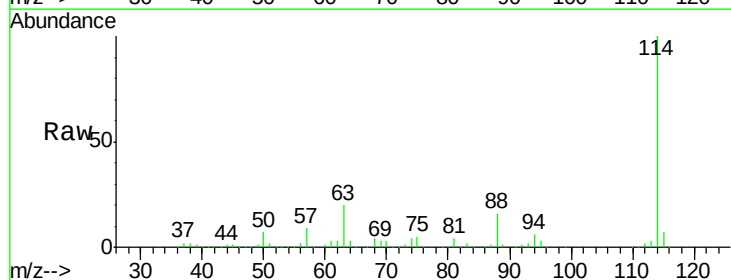
#33
 1,2-Dichloroethane-d4
 Concen: 49.214 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

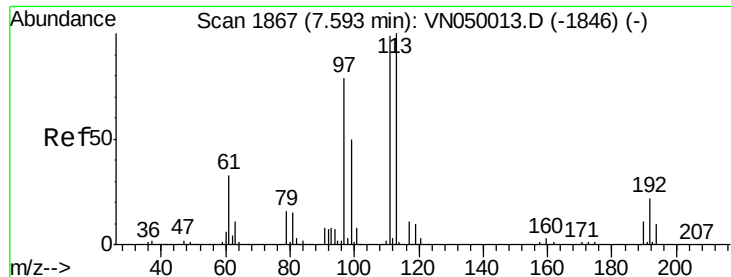
Tgt Ion: 65 Resp: 447914
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

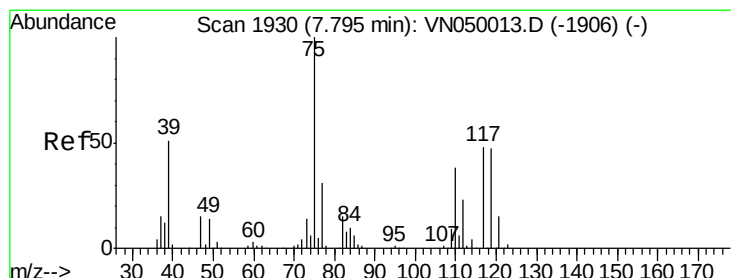
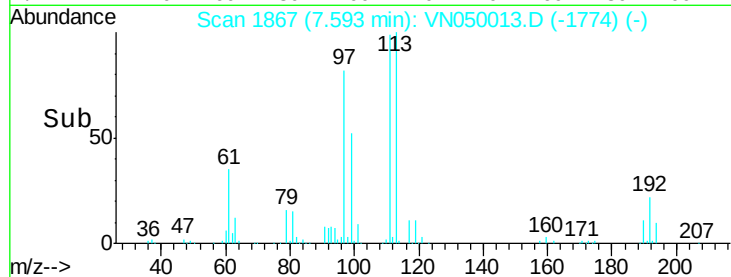
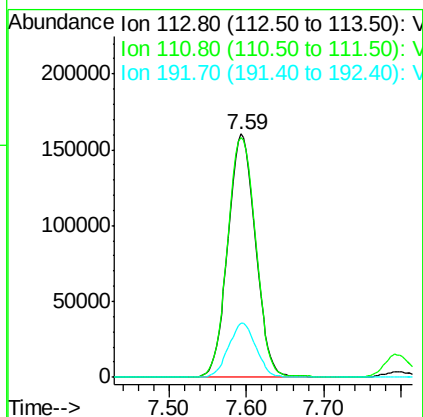
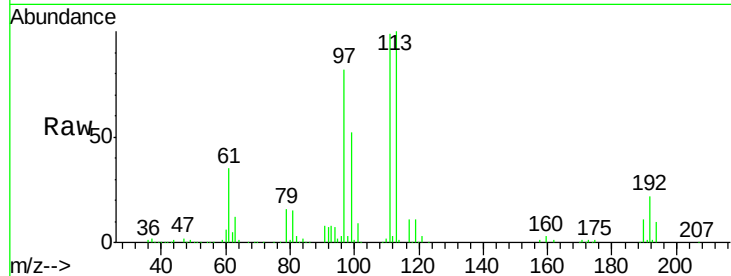
Tgt Ion: 114 Resp: 958527
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.6 0.0 31.2





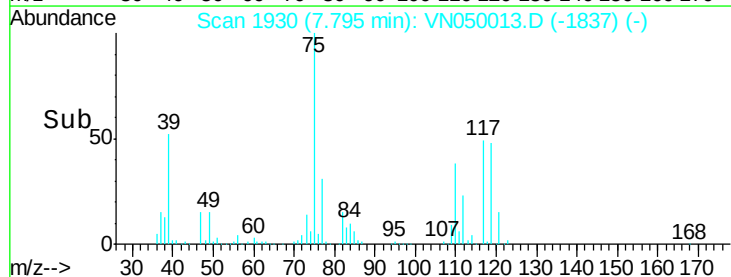
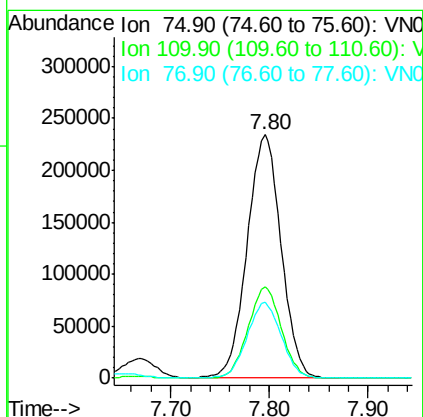
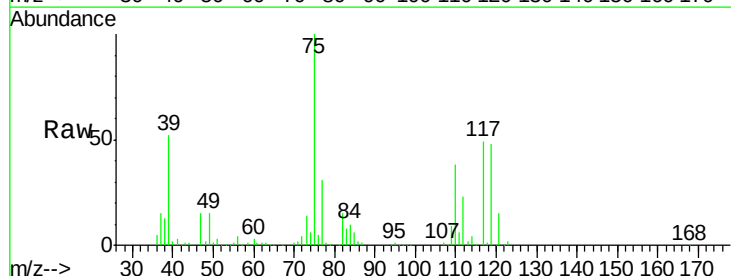
#35
 Dibromofluoromethane
 Concen: 49.213 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

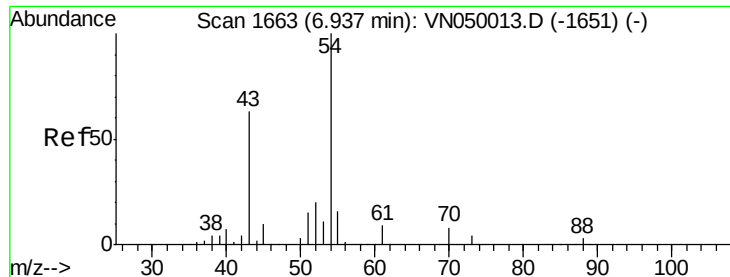
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.7	121.1
192	22.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 51.707 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.4	55.2
77	31.6	25.3	37.9





#37

Ethyl Acetate

Concen: 51.997 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

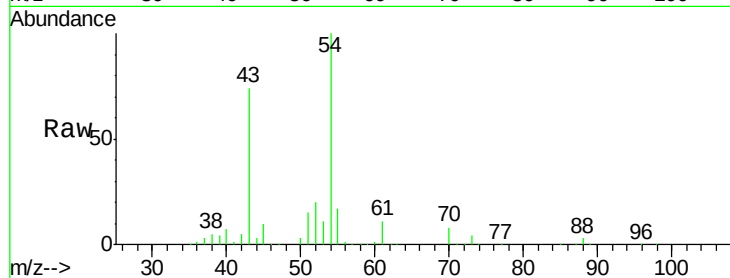
Tgt Ion: 43 Resp: 381323

Ion Ratio Lower Upper

43 100

61 14.8 11.8 17.8

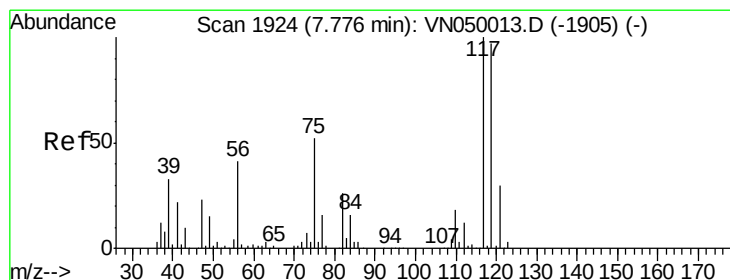
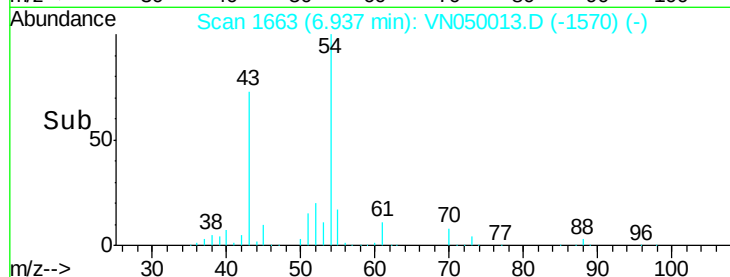
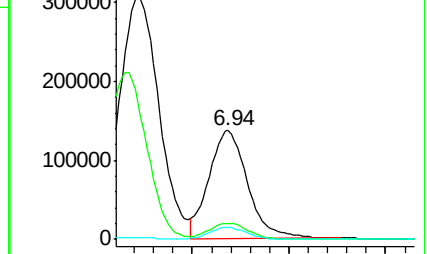
70 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-1651) (-)

Ion 60.90 (60.60 to 61.60): VN050013.D (-1651) (-)

Ion 70.00 (69.70 to 70.70): VN050013.D (-1651) (-)



#38

Carbon Tetrachloride

Concen: 49.287 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

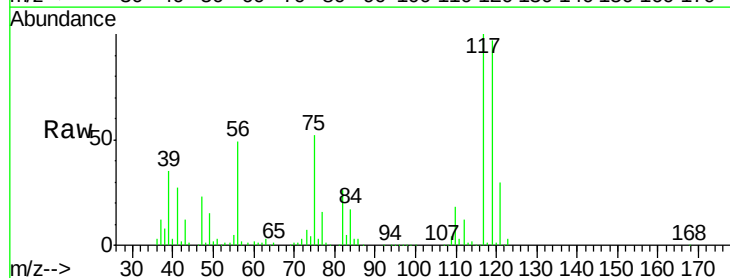
Tgt Ion: 117 Resp: 566162

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

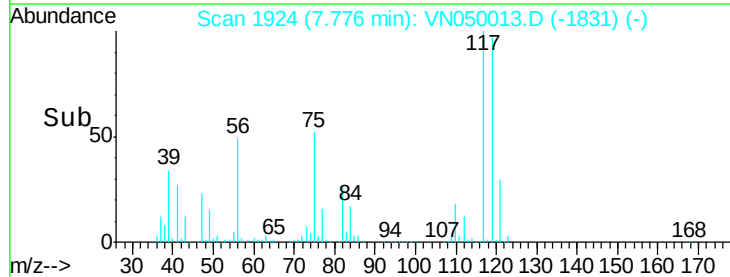
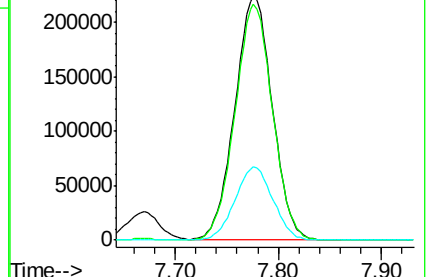
121 29.9 23.9 35.9

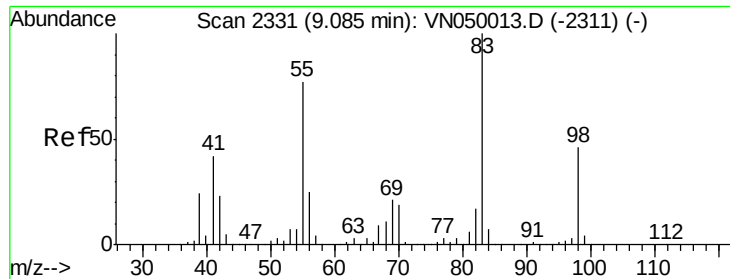


Abundance Ion 116.80 (116.50 to 117.50): VN050013.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN050013.D (-1831) (-)

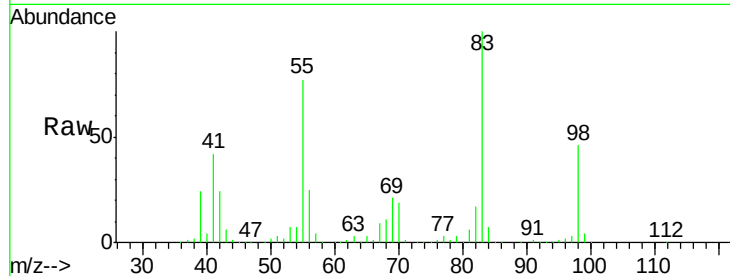
Ion 120.80 (120.50 to 121.50): VN050013.D (-1831) (-)



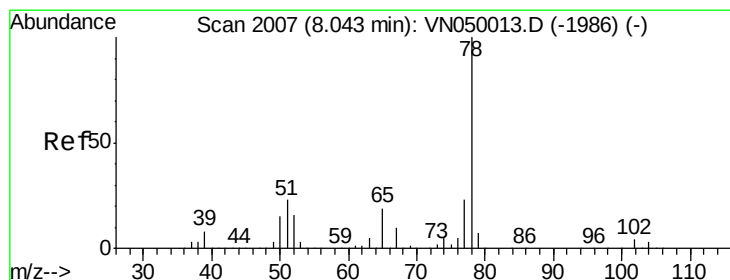
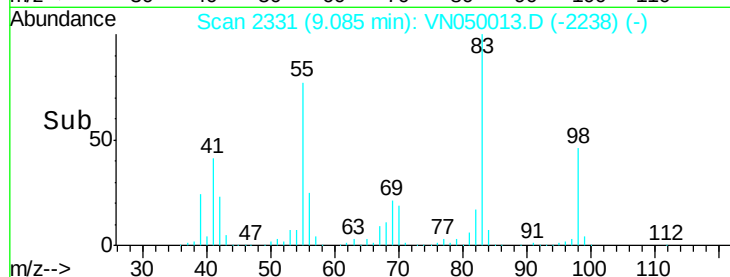
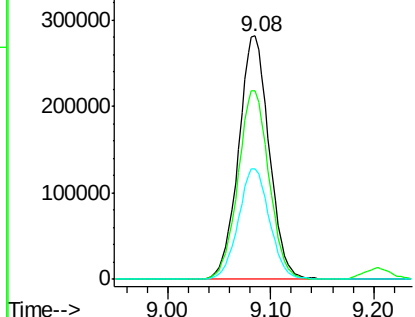


#39
Methylcyclohexane
Concen: 52.358 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion: 83 Resp: 580601
Ion Ratio Lower Upper
83 100
55 77.3 61.8 92.8
98 45.6 36.5 54.7

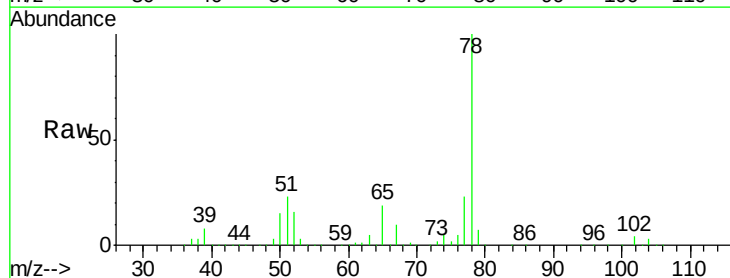


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

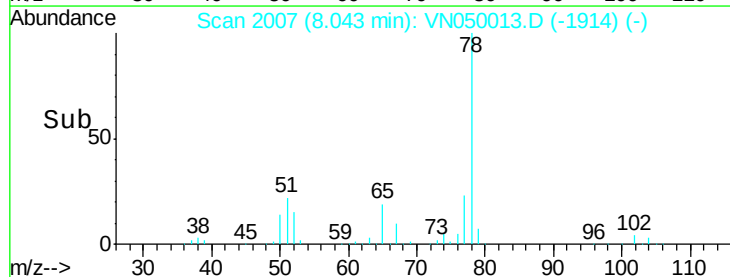
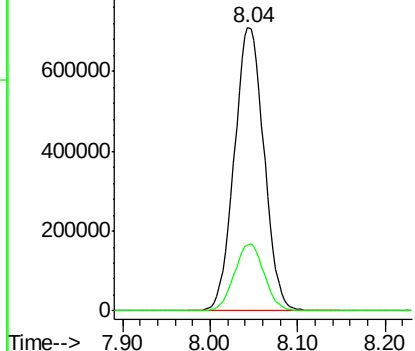


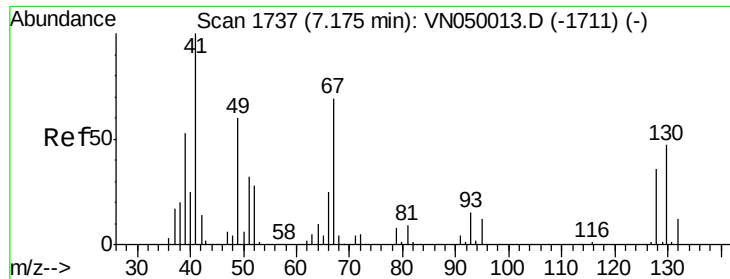
#40
Benzene
Concen: 51.146 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion: 78 Resp: 1673692
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



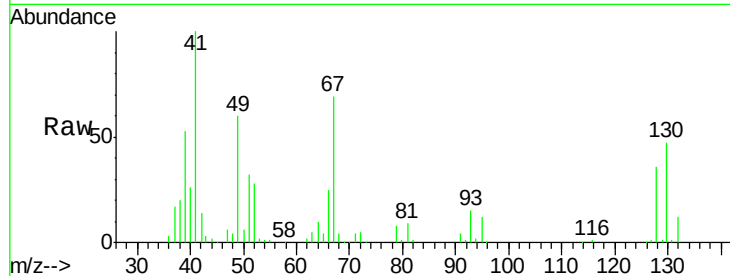
Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41
Methacrylonitrile
Concen: 44.467 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion:	41	Resp:	159996
Ion	Ratio	Lower	Upper
41	100		
39	69.7	55.8	83.6
67	105.4	84.3	126.5
52	42.7	34.2	51.2



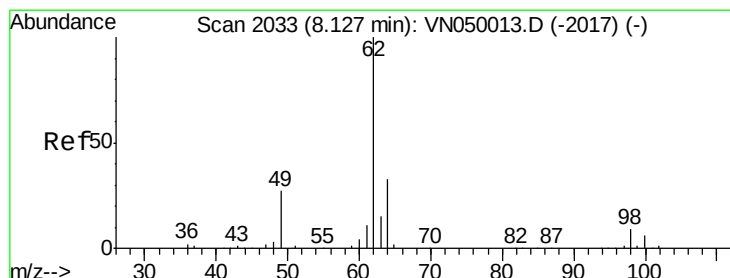
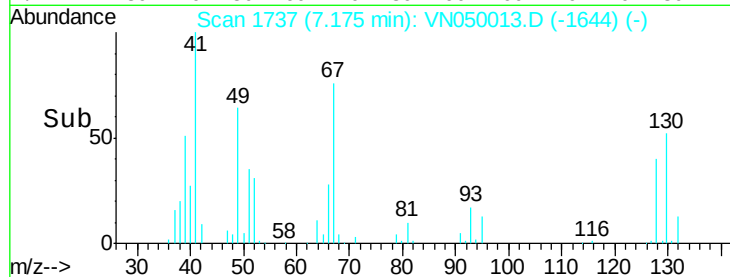
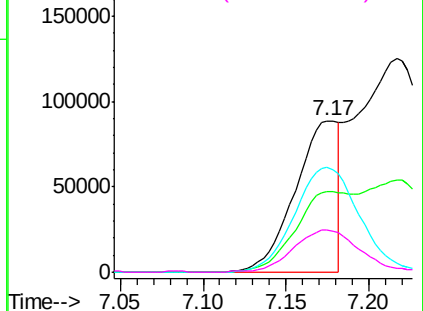
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

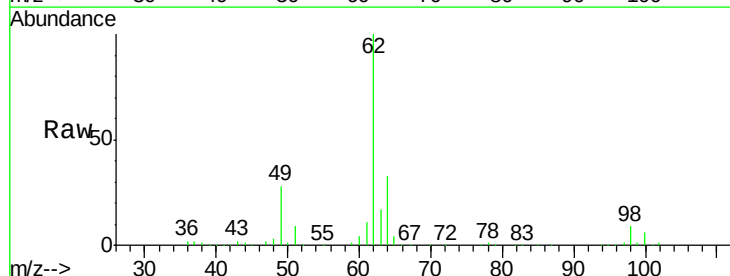
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 49.967 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

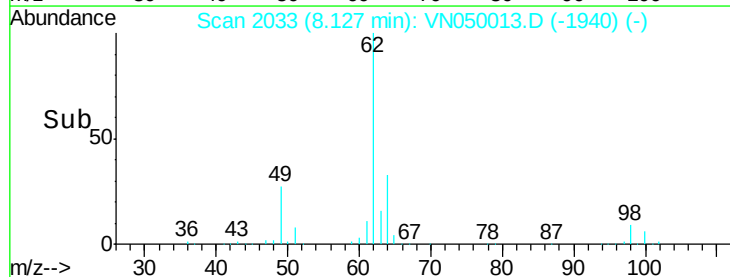
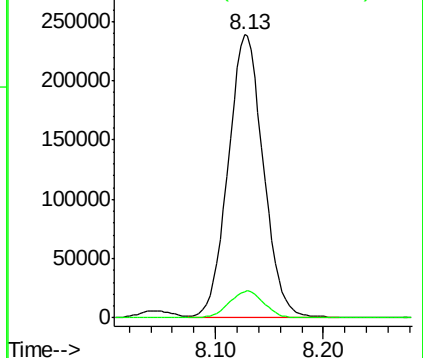
Tgt Ion:	62	Resp:	540068
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

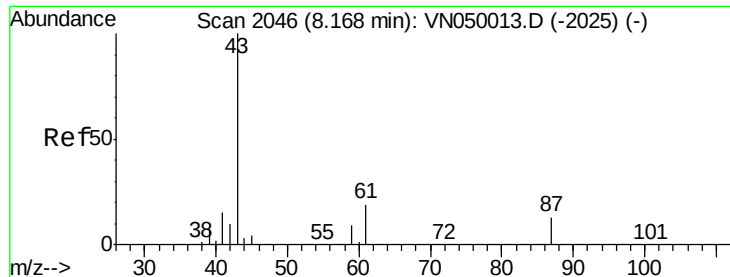


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 54.272 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

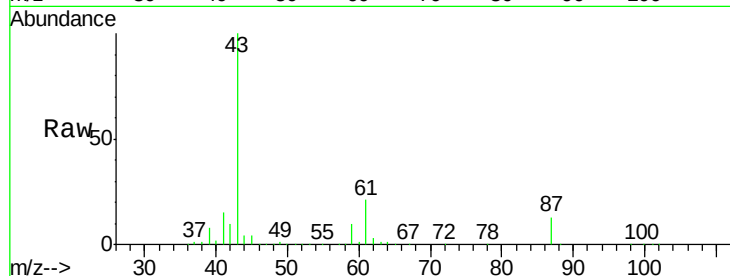
Tgt Ion: 43 Resp: 700499

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.6

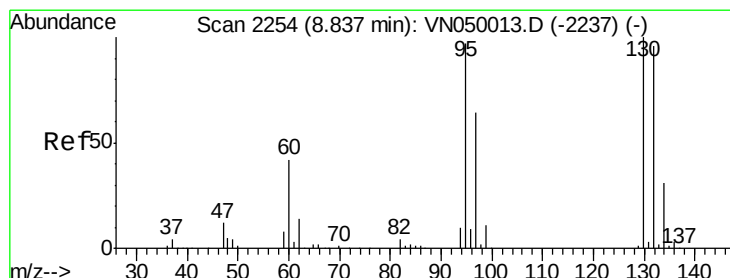
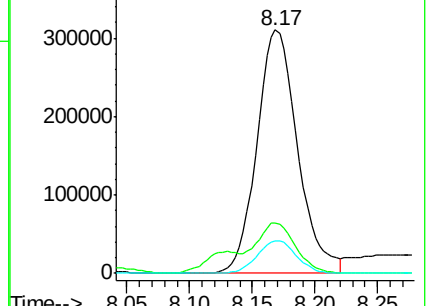
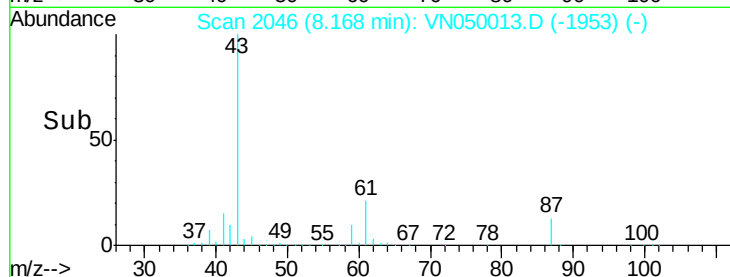
87 12.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050013.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050013.D (-2025) (-)



#44

Trichloroethene

Concen: 50.201 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050013.D

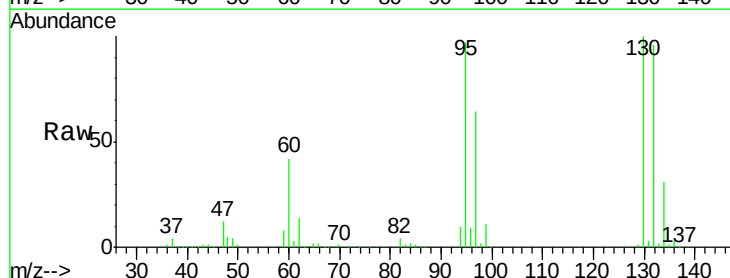
Acq: 23 Jul 2018 18:47

Tgt Ion: 130 Resp: 430307

Ion Ratio Lower Upper

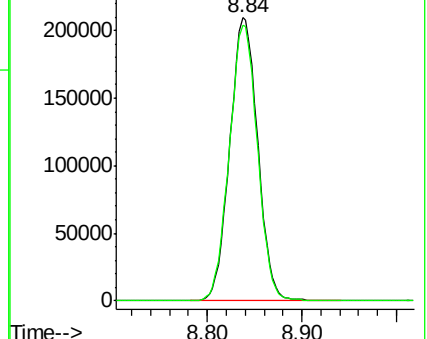
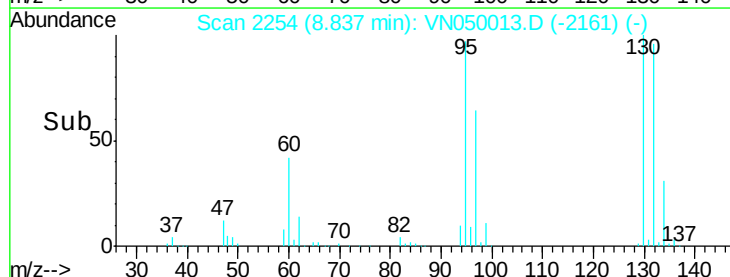
130 100

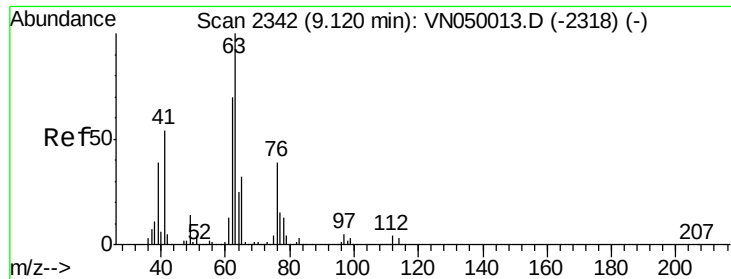
95 97.3 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050013.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050013.D (-2237) (-)





#45

1,2-Dichloropropane

Concen: 49.556 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050013.D

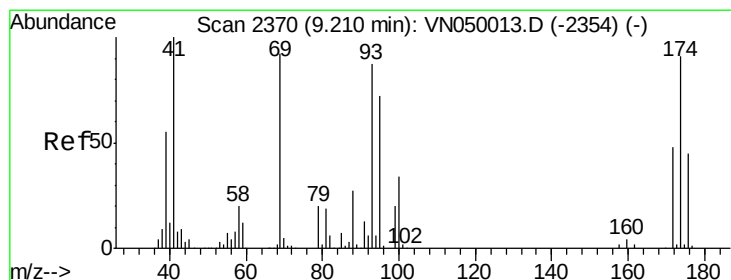
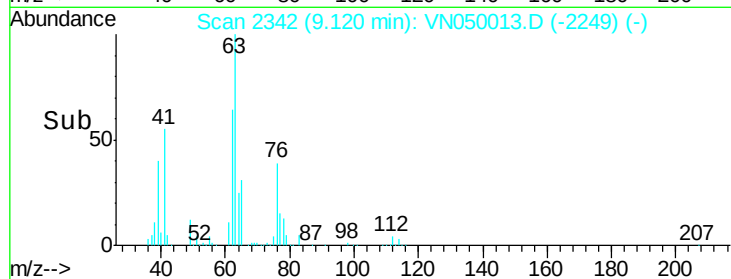
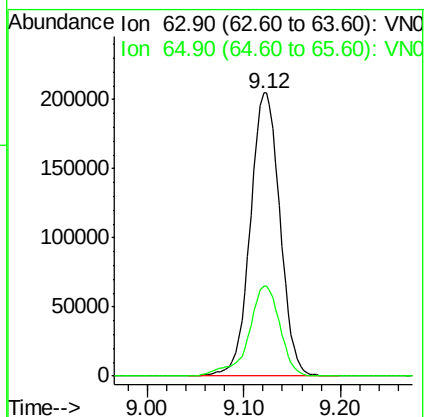
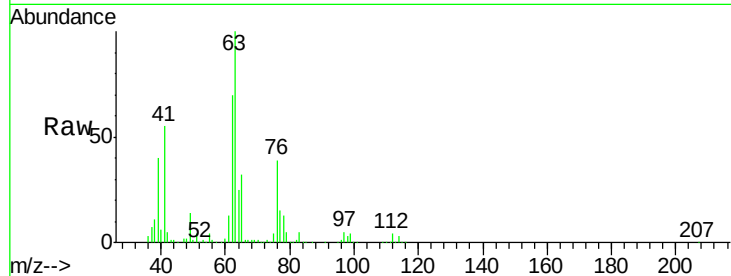
Acq: 23 Jul 2018 18:47

Tgt Ion: 63 Resp: 435790

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 50.169 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

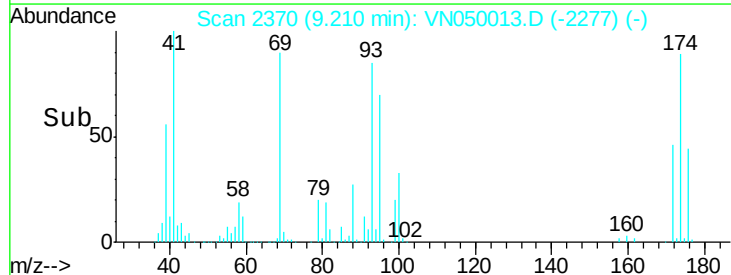
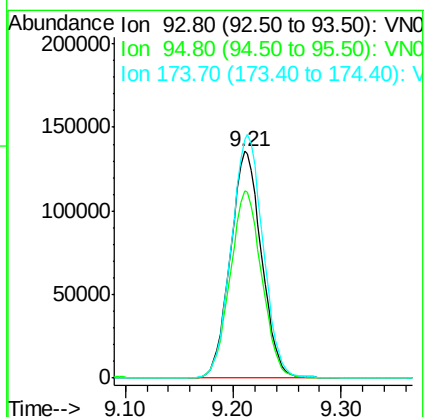
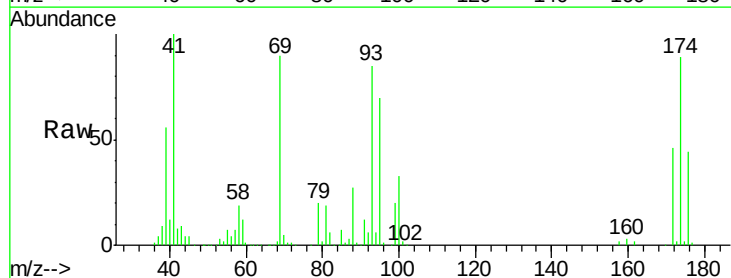
Tgt Ion: 93 Resp: 273752

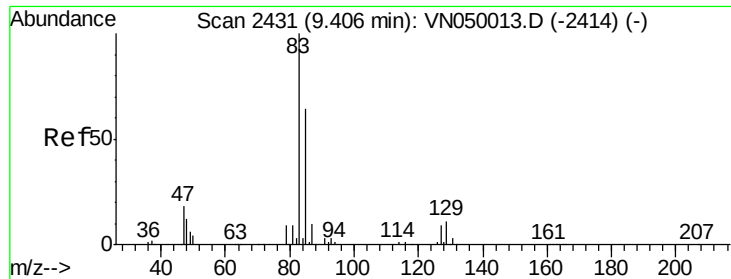
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 108.9 87.1 130.7





#47

Bromodichloromethane

Concen: 50.098 ug/l

RT: 9.41 min Scan# 2431

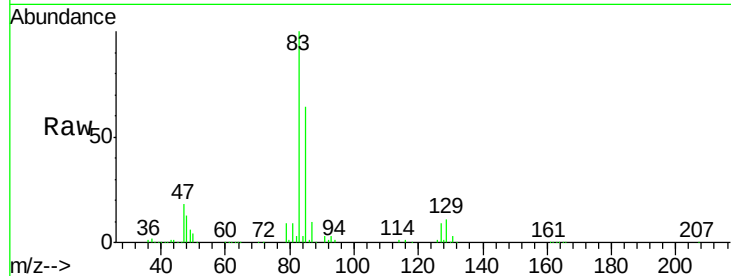
Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

Tgt Ion: 83 Resp: 564727

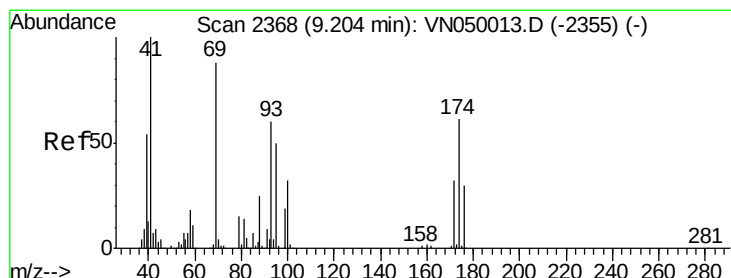
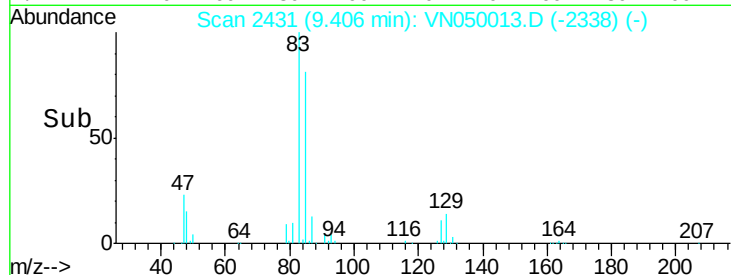
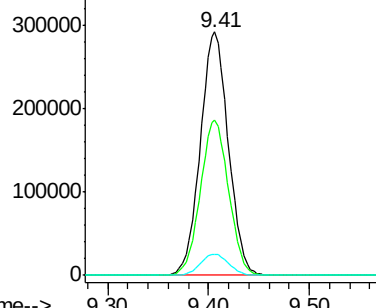
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	8.7	7.0	10.4



Abundance Ion 82.90 (82.60 to 83.60): VN050013.D (-2414) (-)

Ion 84.90 (84.60 to 85.60): VN050013.D (-2414) (-)

Ion 126.80 (126.50 to 127.50): VN050013.D (-2414) (-)



#48

Methyl methacrylate

Concen: 54.629 ug/l

RT: 9.20 min Scan# 2368

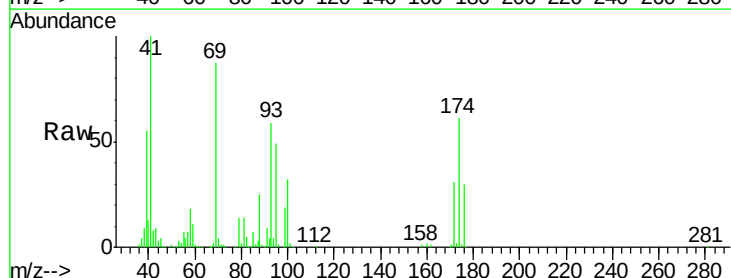
Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

Tgt Ion: 41 Resp: 353825

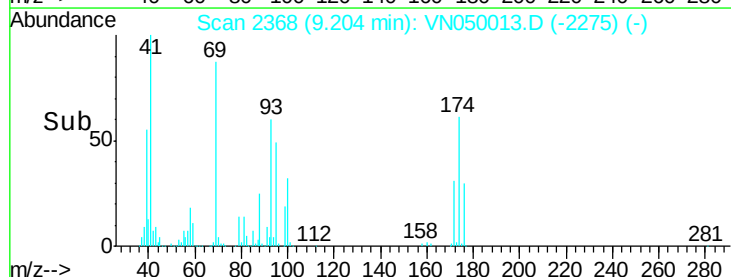
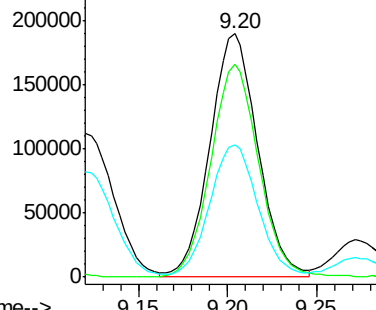
Ion	Ratio	Lower	Upper
41	100		
69	88.2	70.6	105.8
39	54.9	43.9	65.9

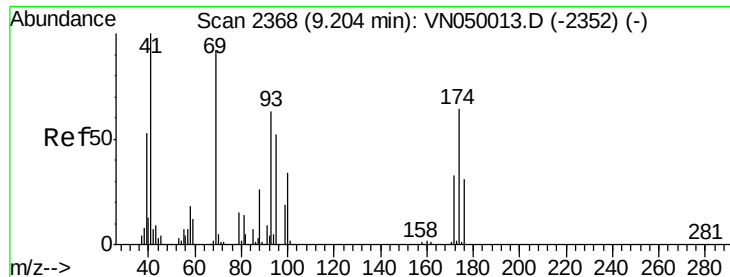


Abundance Ion 41.00 (40.70 to 41.70): VN050013.D (-2368) (-)

Ion 69.00 (68.70 to 69.70): VN050013.D (-2368) (-)

Ion 39.00 (38.70 to 39.70): VN050013.D (-2368) (-)





#49

1,4-Dioxane

Concen: 1053.221 ug/l

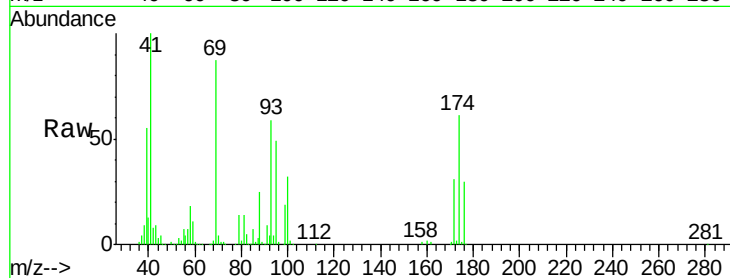
RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

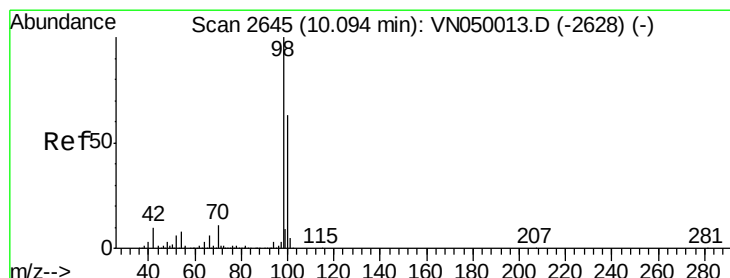
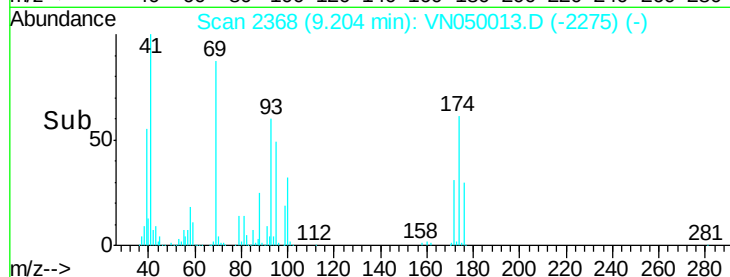
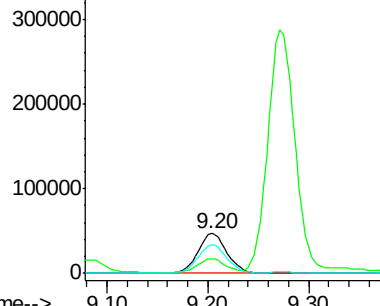
Tgt Ion:	88	Resp:	95113
Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.9	40.3
58	71.6	57.3	85.9



Abundance Ion 88.00 (87.70 to 88.70): VN050013.D (-2352) (-)

Ion 43.00 (42.70 to 43.70): VN050013.D (-2352) (-)

Ion 58.00 (57.70 to 58.70): VN050013.D (-2352) (-)



#50

Toluene-d8

Concen: 50.634 ug/l

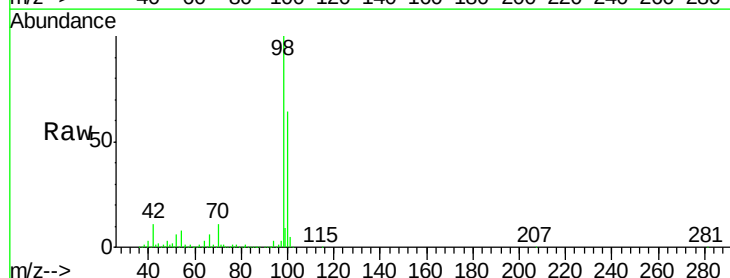
RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050013.D

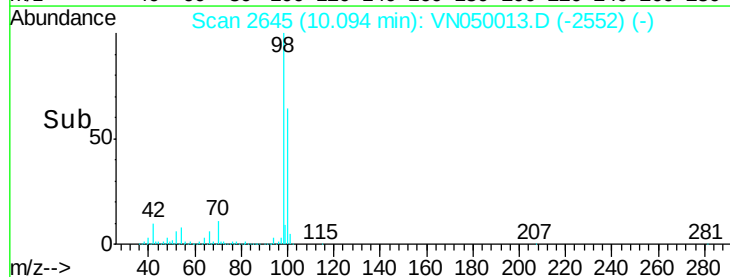
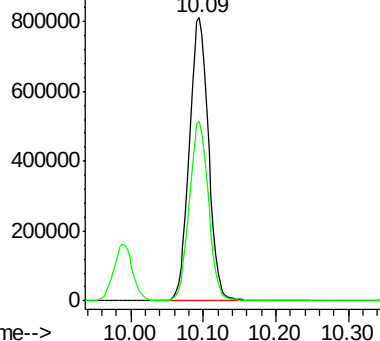
Acq: 23 Jul 2018 18:47

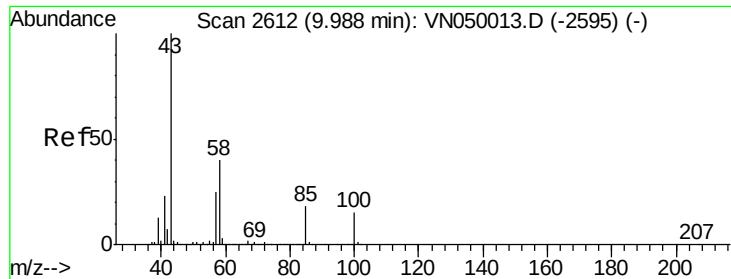
Tgt Ion:	98	Resp:	1483148
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050013.D (-2628) (-)

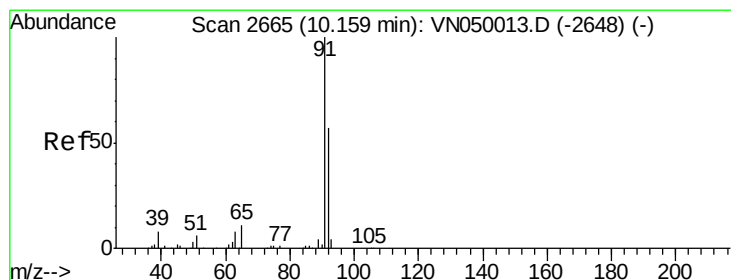
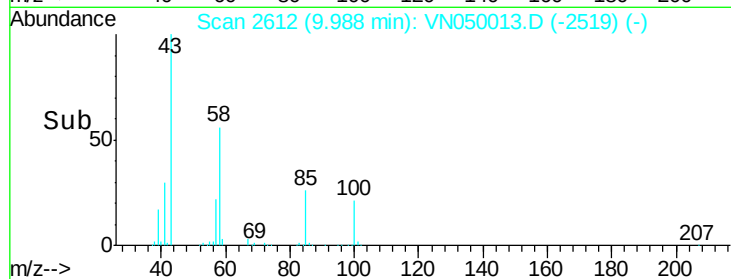
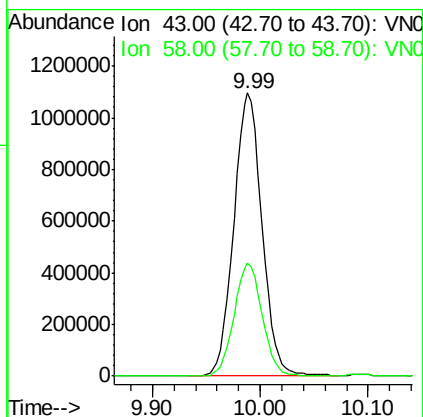
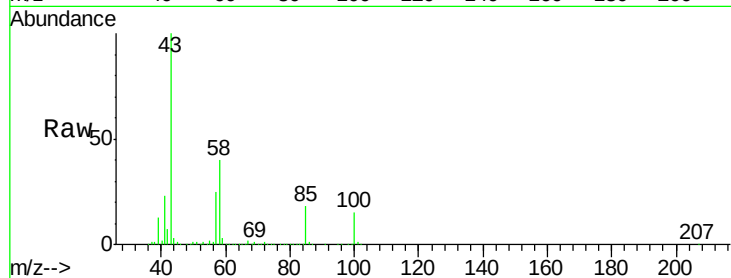
Ion 100.00 (99.70 to 100.70): VN050013.D (-2628) (-)





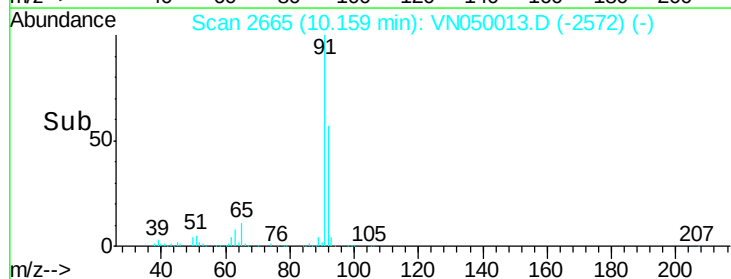
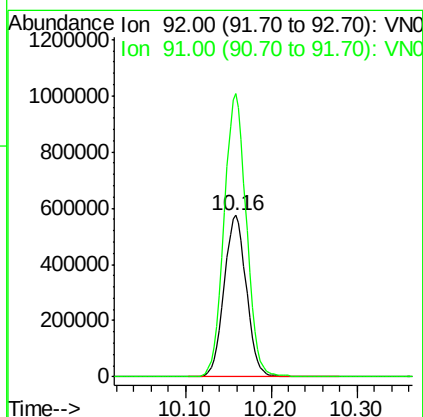
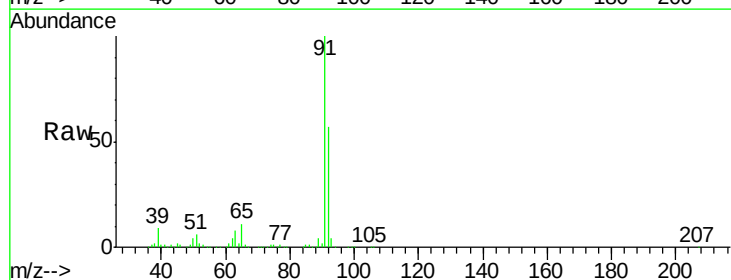
#51
 4-Methyl-2-Pentanone
 Concen: 277.724 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

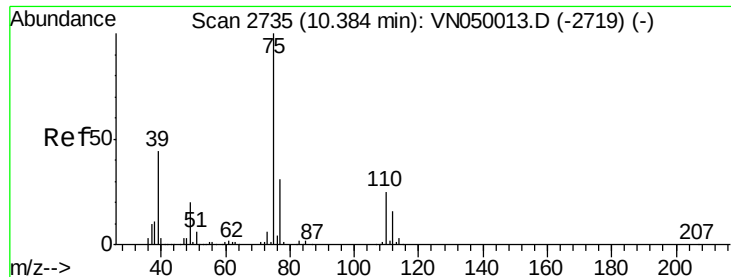
Tgt Ion: 43 Resp: 1994564
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.9 47.9



#52
 Toluene
 Concen: 53.274 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

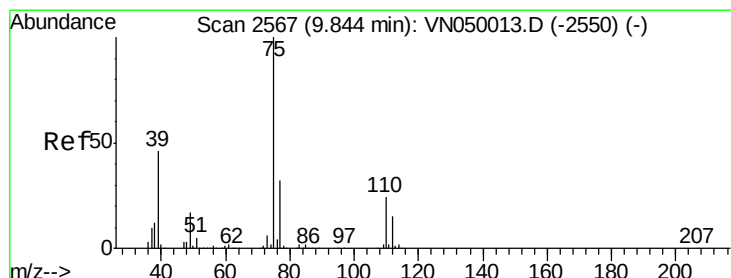
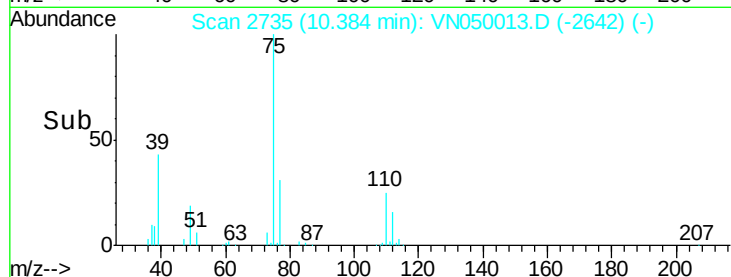
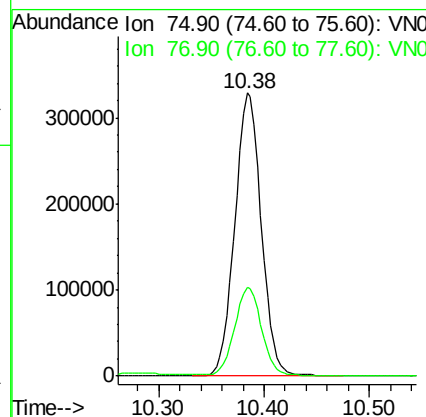
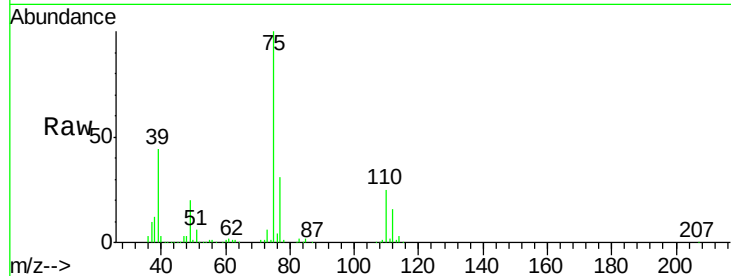
Tgt Ion: 92 Resp: 1036770
 Ion Ratio Lower Upper
 92 100
 91 175.4 140.3 210.5





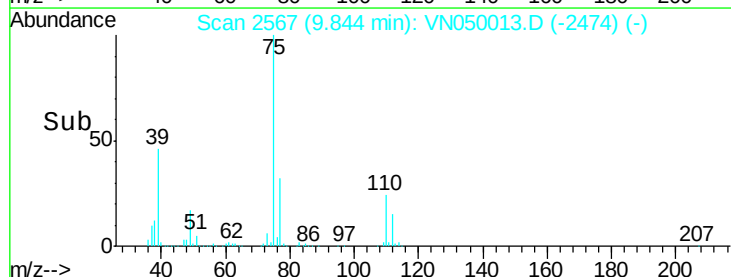
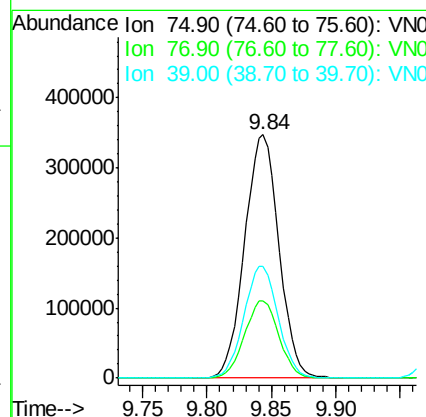
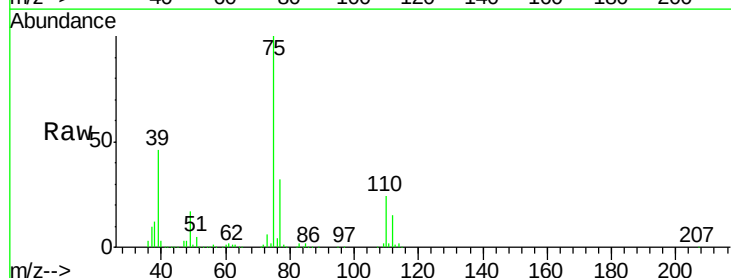
#53
t-1,3-Dichloropropene
Concen: 51.384 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

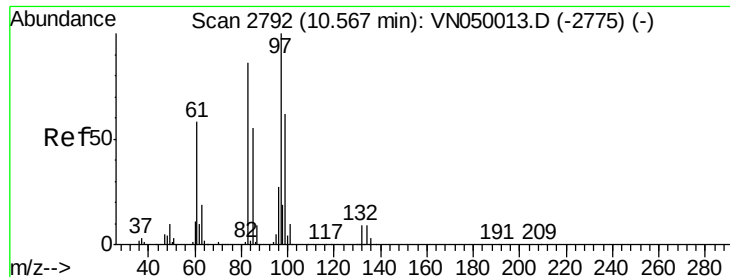
Tgt Ion: 75 Resp: 571166
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 52.231 ug/l
RT: 9.84 min Scan# 2567
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

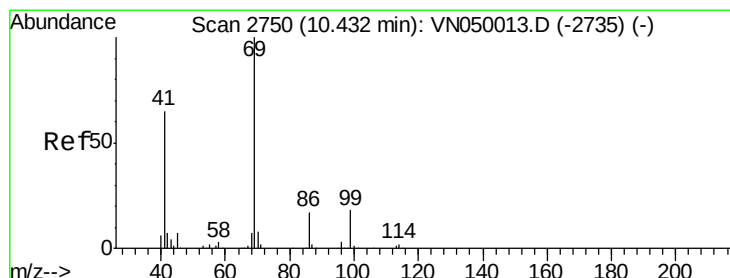
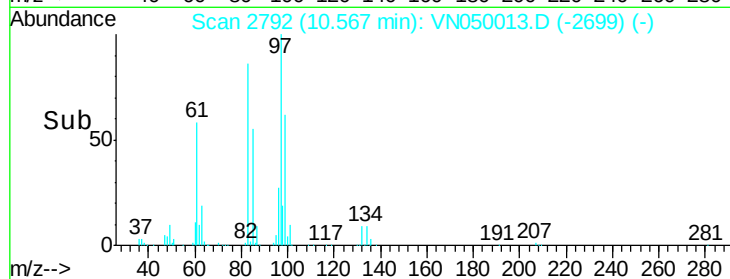
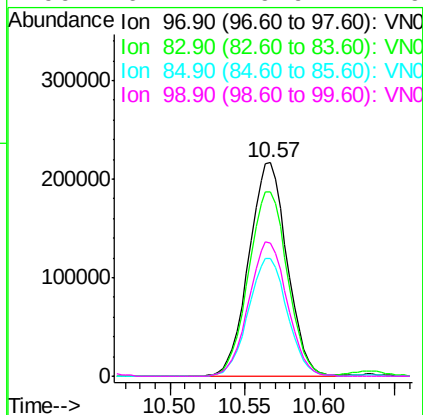
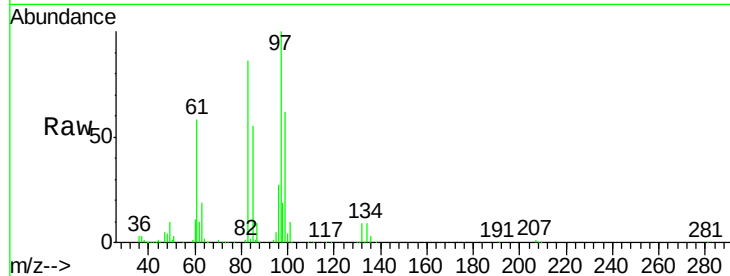
Tgt Ion: 75 Resp: 642882
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 45.8 36.6 55.0





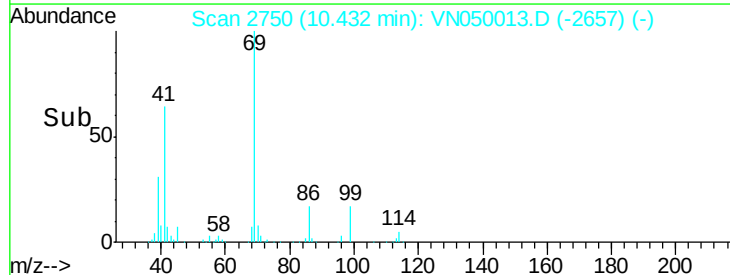
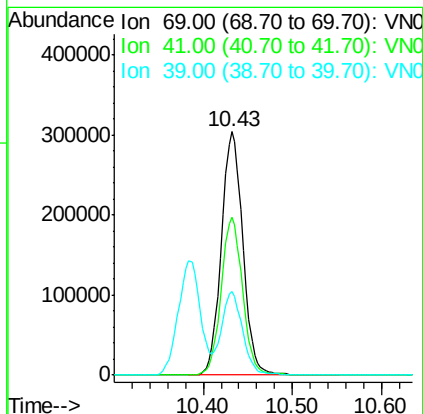
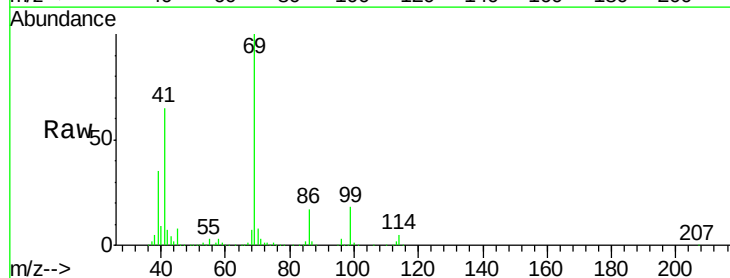
#55
 1,1,2-Trichloroethane
 Concen: 48.179 ug/l
 RT: 10.57 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

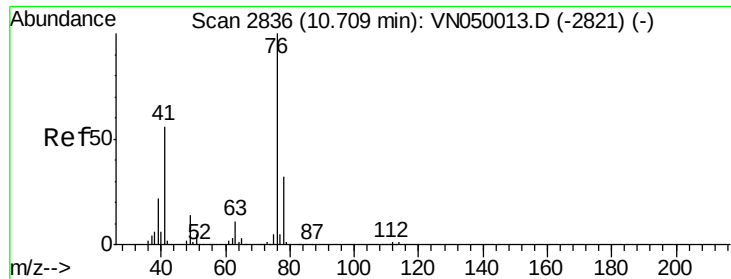
Tgt Ion:	97	Resp:	386094
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.2	103.8
85	55.0	44.0	66.0
99	62.4	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 54.574 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

Tgt Ion:	69	Resp:	507632
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.0	76.4
39	33.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 51.372 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050013.D

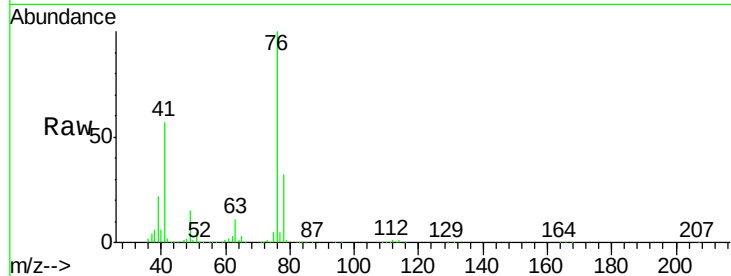
Acq: 23 Jul 2018 18:47

Tgt Ion: 76 Resp: 649562

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

400000

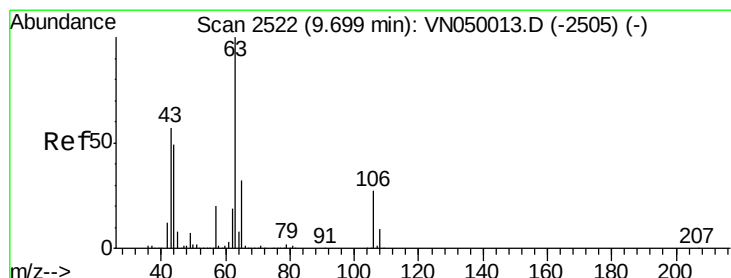
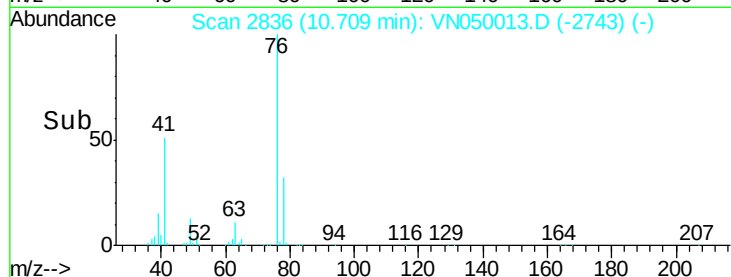
300000

200000

100000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 284.226 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN050013.D

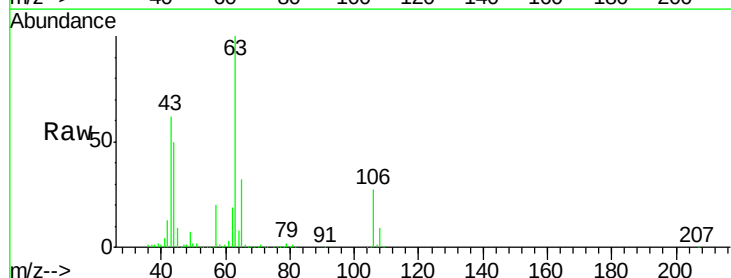
Acq: 23 Jul 2018 18:47

Tgt Ion: 63 Resp: 1206318

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

800000

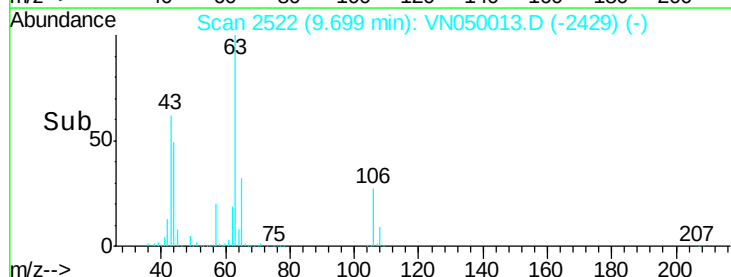
600000

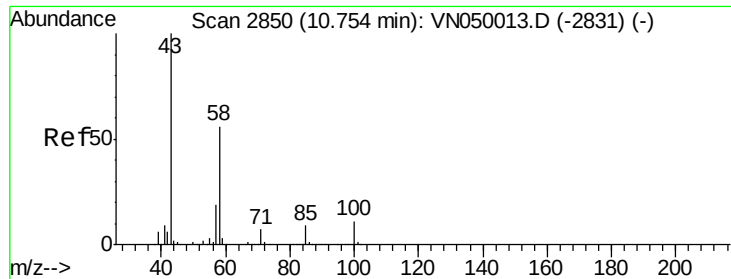
400000

200000

0

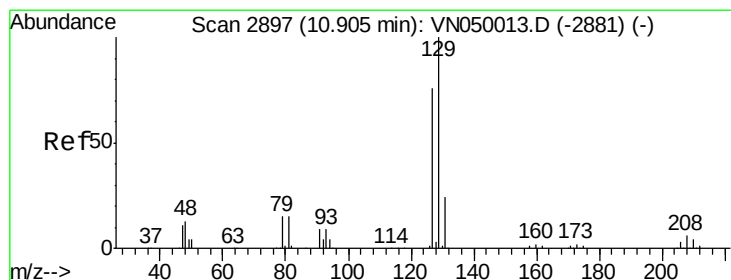
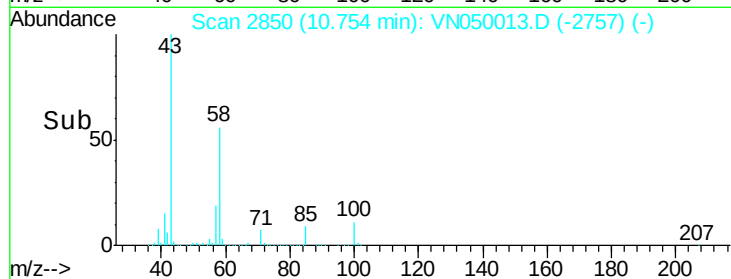
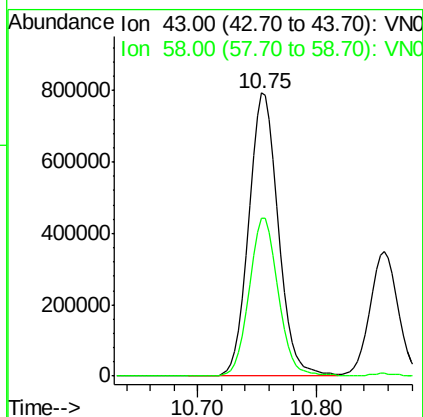
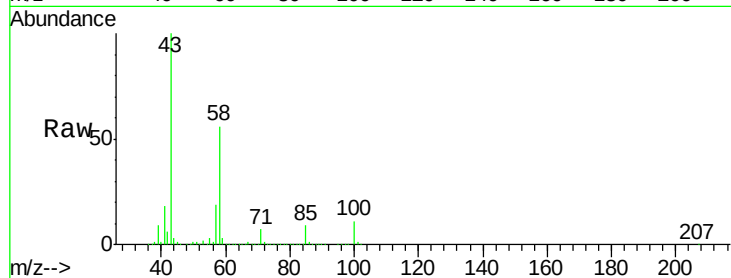
Time--> 9.60 9.70 9.80





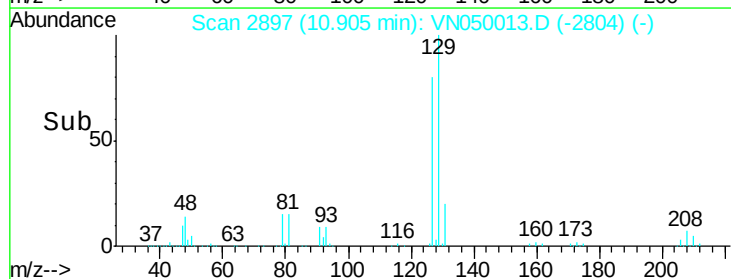
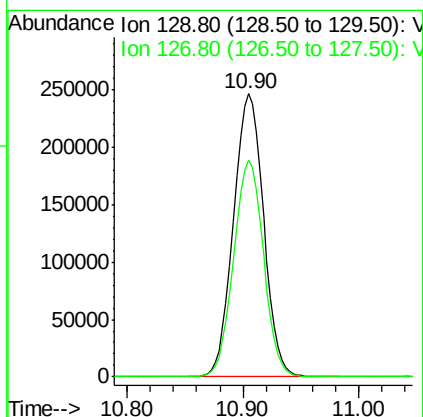
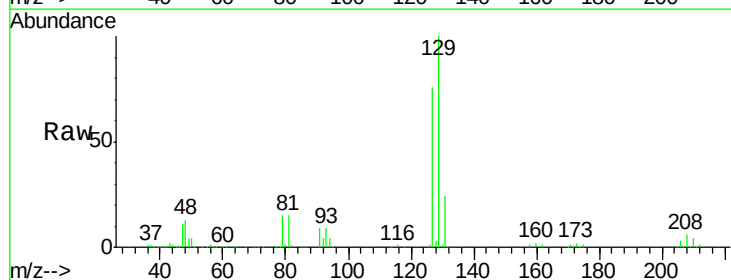
#59
2-Hexanone
Concen: 282.929 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

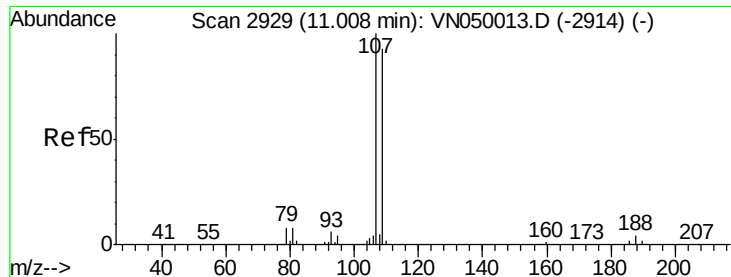
Tgt Ion: 43 Resp: 1362844
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.7



#60
Dibromochloromethane
Concen: 50.374 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

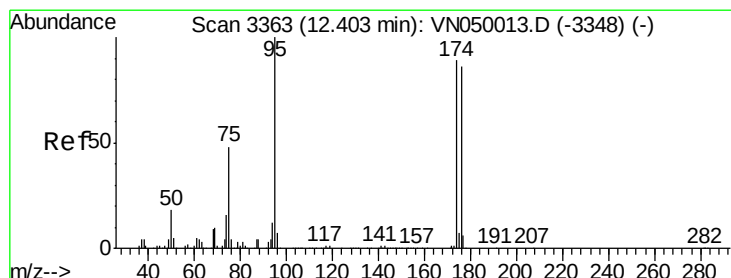
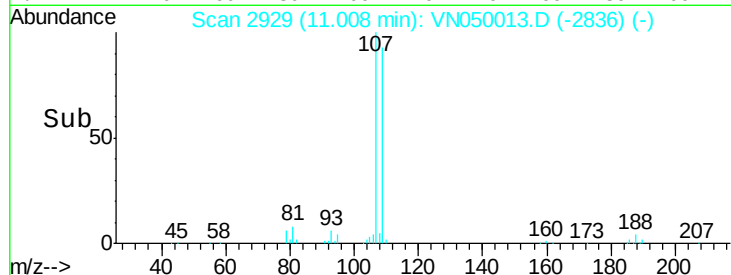
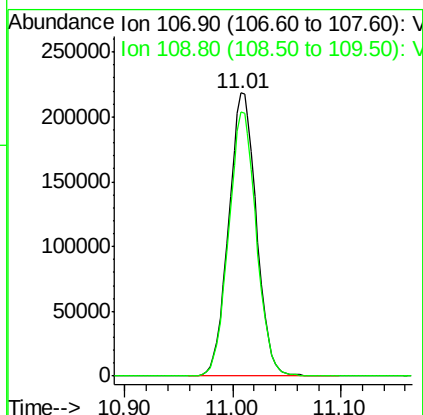
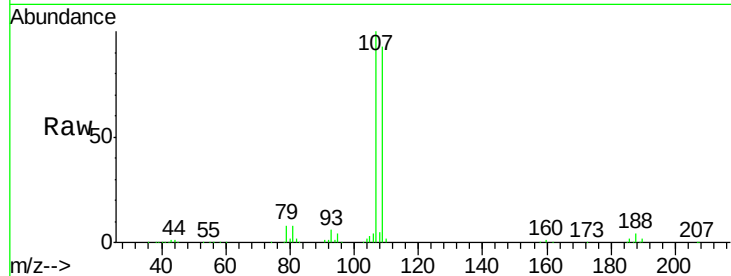
Tgt Ion: 129 Resp: 442441
Ion Ratio Lower Upper
129 100
127 75.9 38.0 113.9





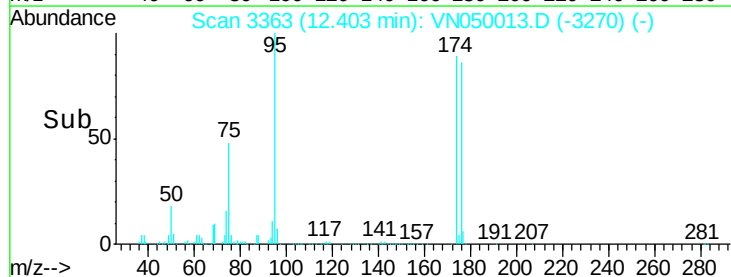
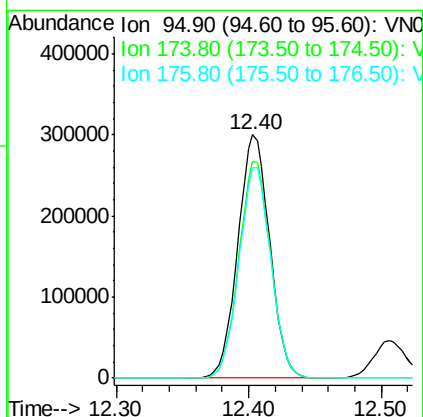
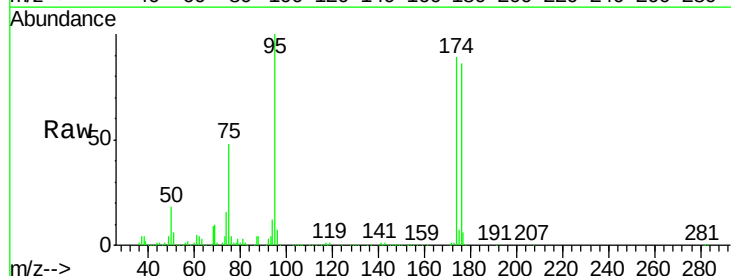
#61
 1,2-Dibromoethane
 Concen: 52.128 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

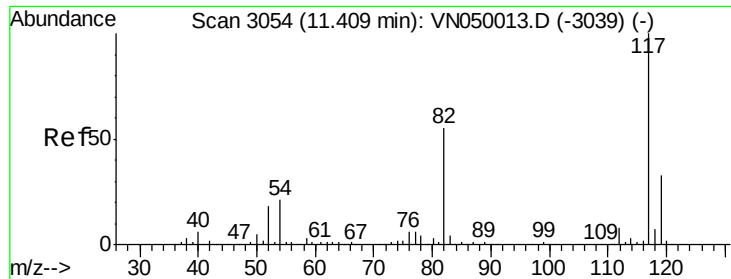
Tgt Ion: 107 Resp: 391229
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 49.927 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

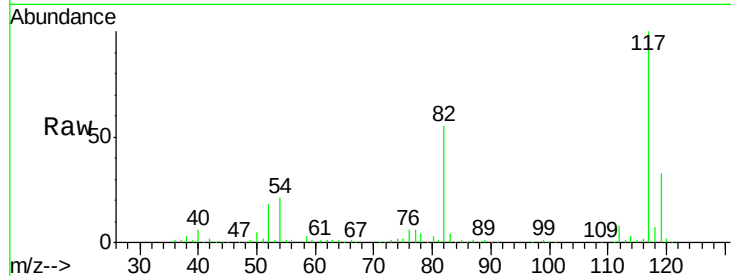
Tgt Ion: 95 Resp: 500363
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 178.2
 176 86.7 0.0 173.4



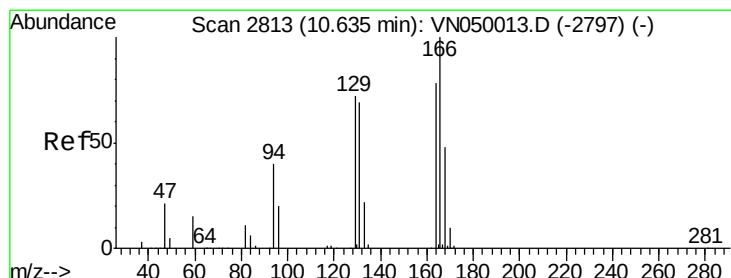
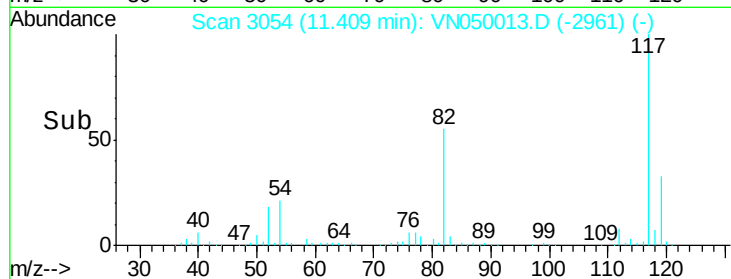
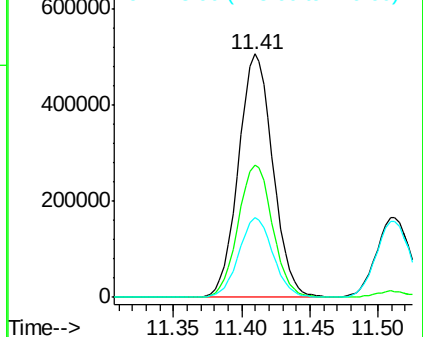


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion:117 Resp: 886341
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 32.6 26.1 39.1

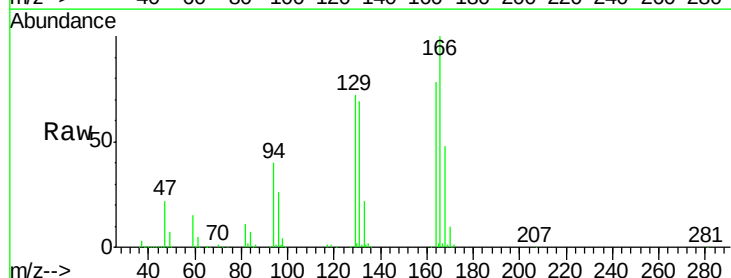


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

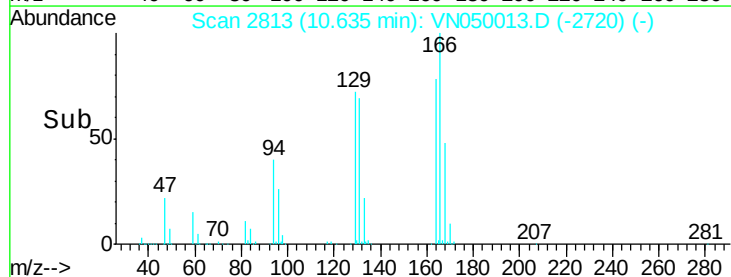
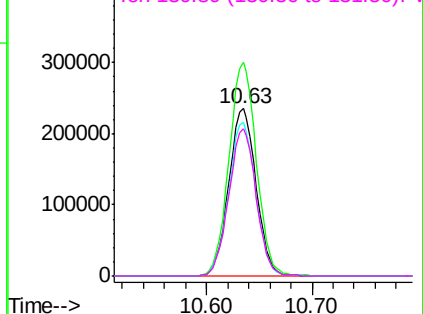


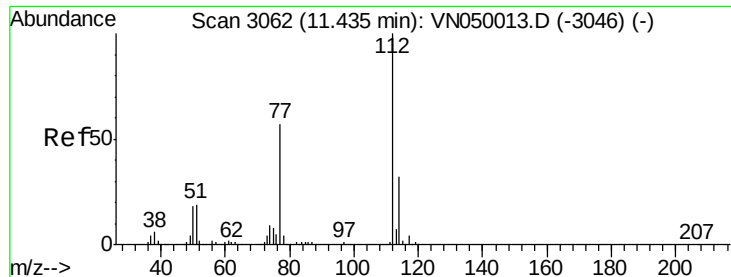
#64
Tetrachloroethene
Concen: 51.811 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion:164 Resp: 420122
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 91.5 73.2 109.8
131 88.3 70.6 106.0



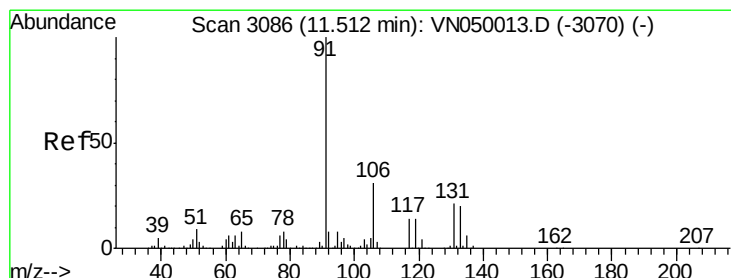
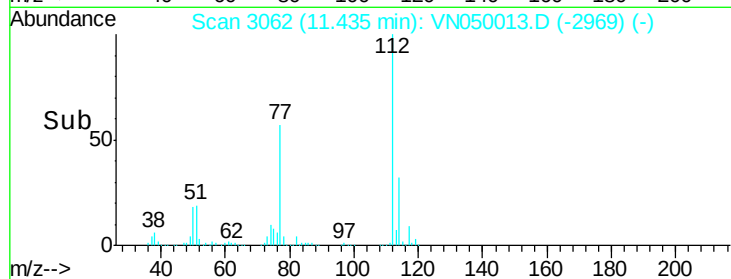
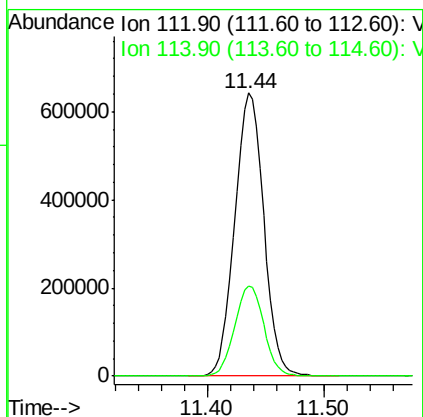
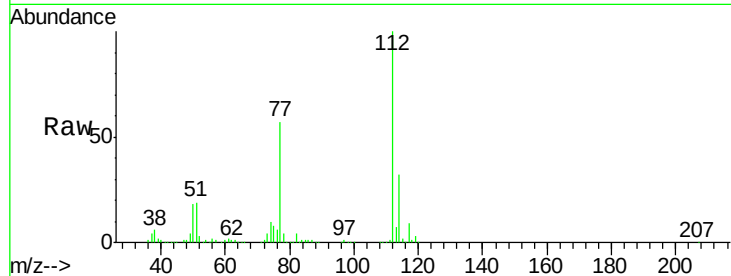
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





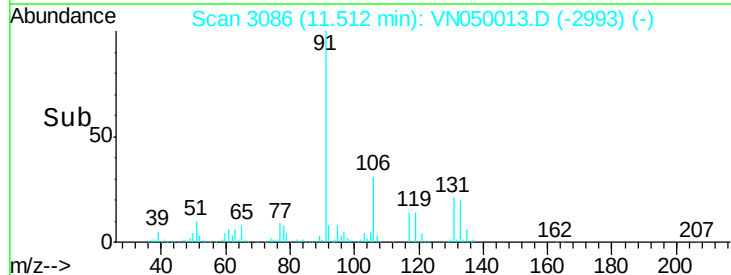
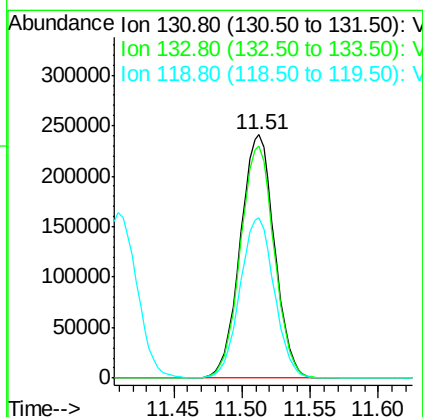
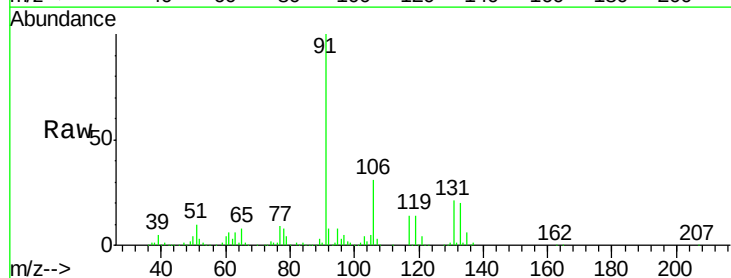
#65
Chlorobenzene
Concen: 49.632 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

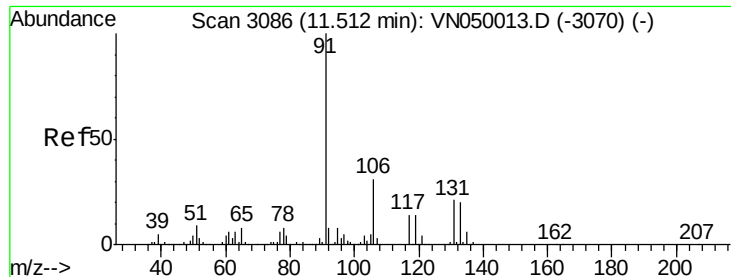
Tgt Ion:112 Resp: 1110080
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.403 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

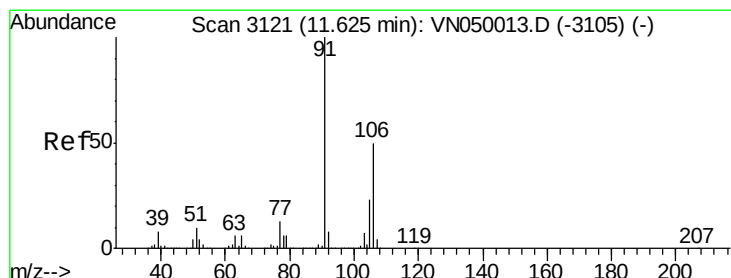
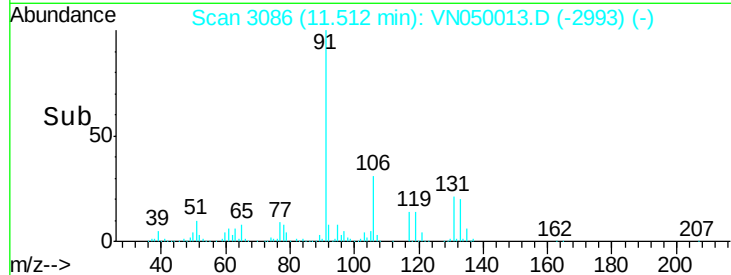
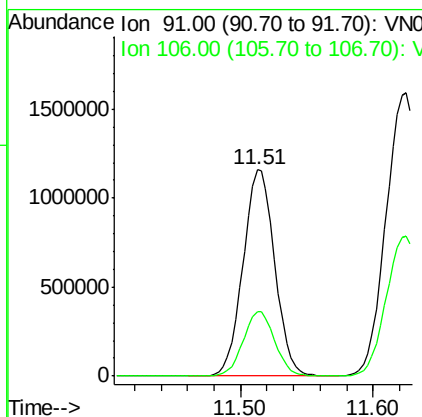
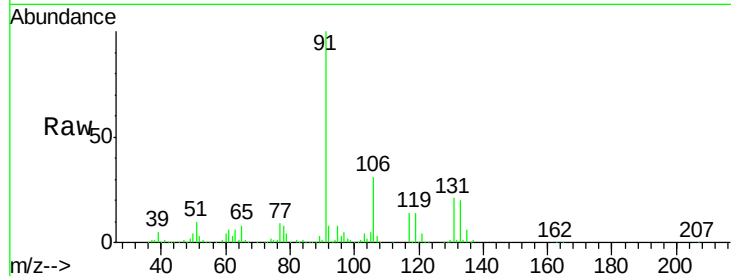
Tgt Ion:131 Resp: 419031
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 65.8 32.9 98.7





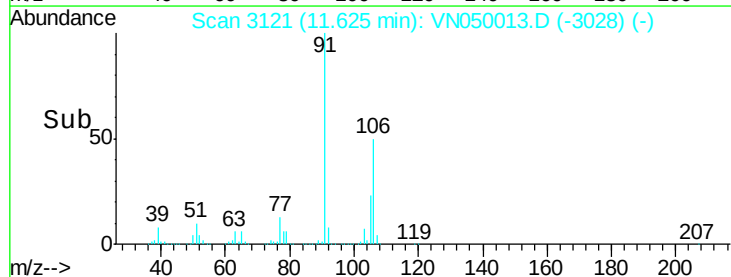
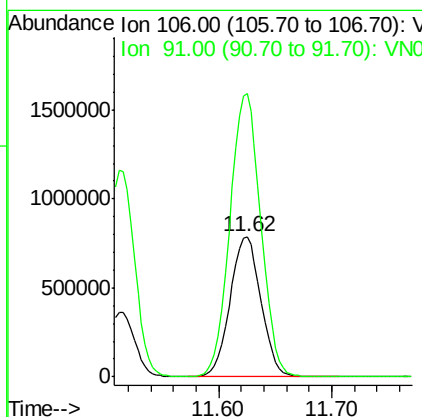
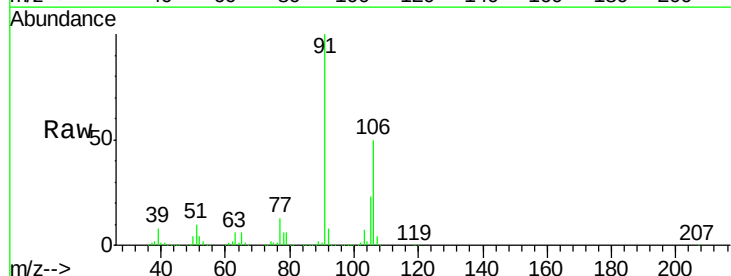
#67
 Ethyl Benzene
 Concen: 53.023 ug/l
 RT: 11.51 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

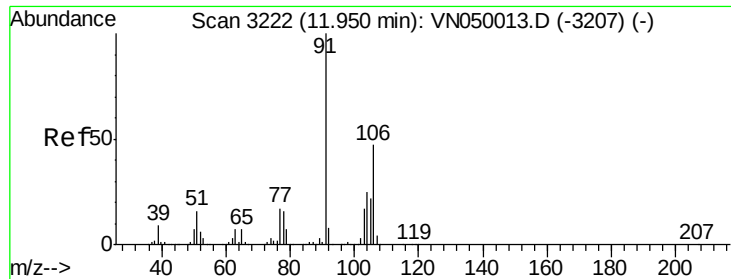
Tgt Ion: 91 Resp: 1923230
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.0 37.4



#68
 m/p-Xylenes
 Concen: 108.527 ug/l
 RT: 11.62 min Scan# 3121
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

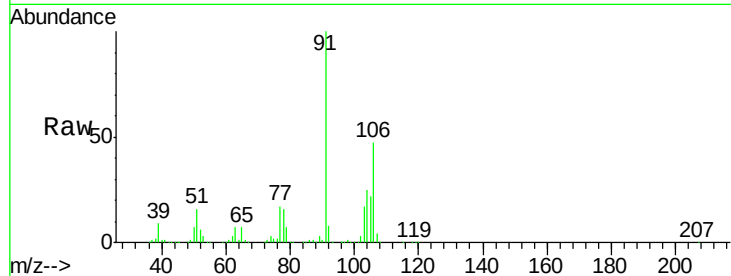
Tgt Ion: 106 Resp: 1488380
 Ion Ratio Lower Upper
 106 100
 91 202.7 162.2 243.2



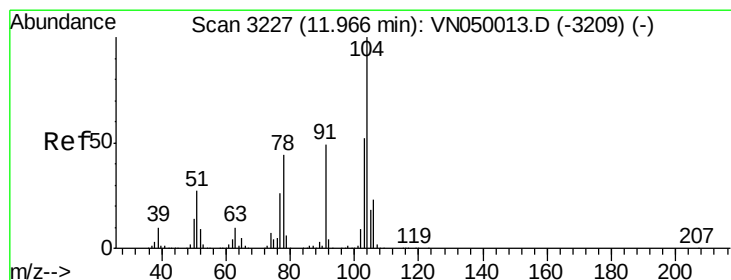
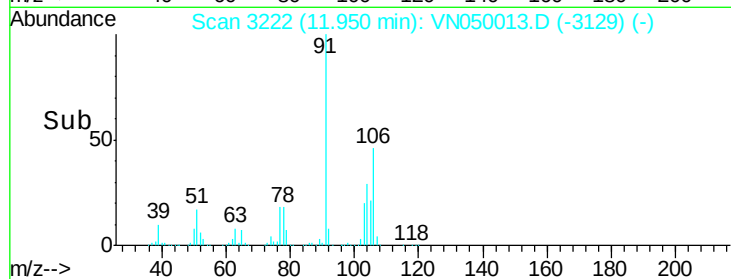
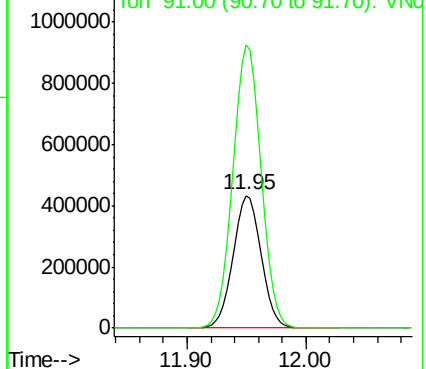


#69
o-Xylene
Concen: 53.749 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion:106 Resp: 707608
Ion Ratio Lower Upper
106 100
91 215.4 107.7 323.1

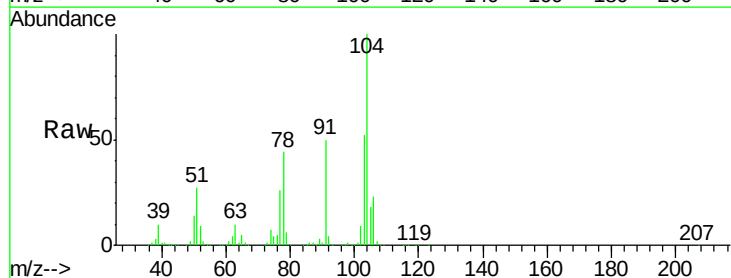


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

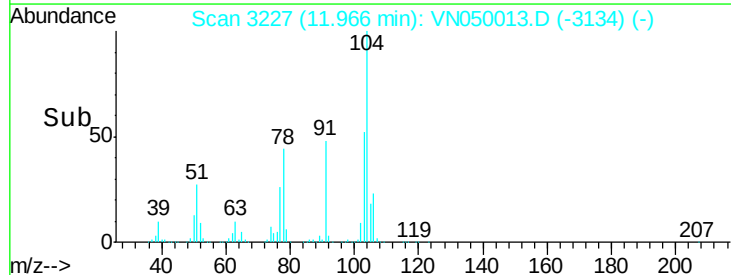
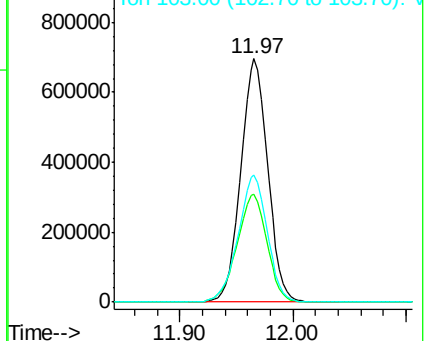


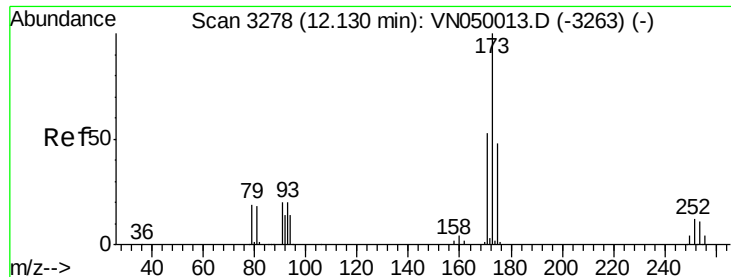
#70
Styrene
Concen: 54.562 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion:104 Resp: 1158318
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 56.3 45.0 67.6



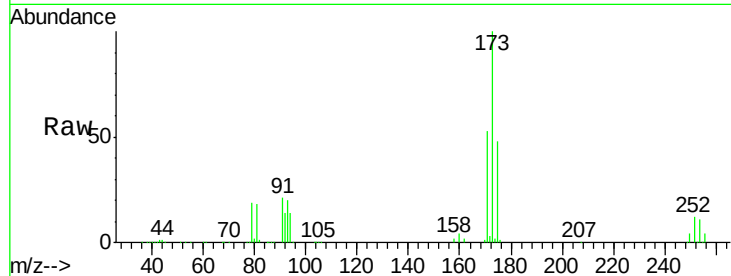
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



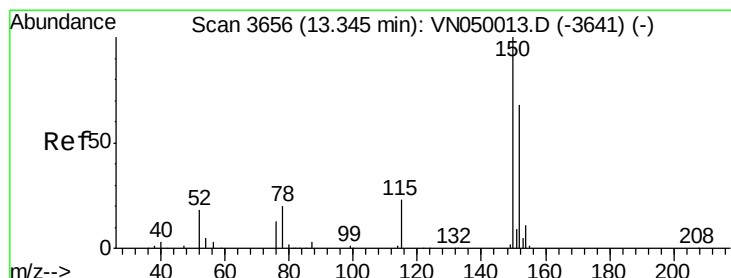
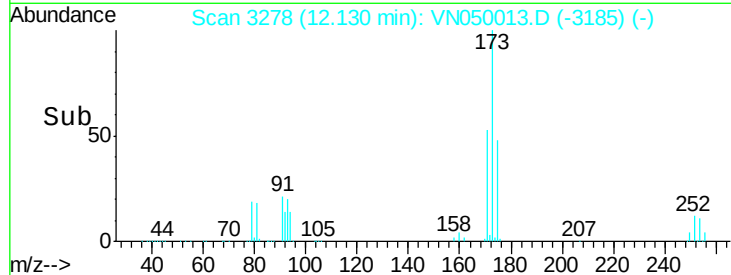
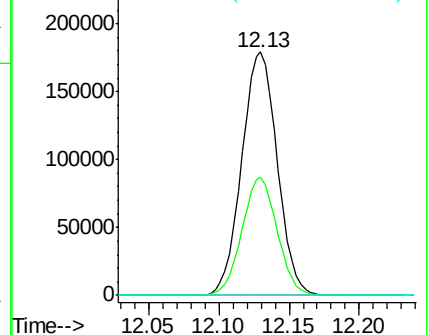


#71
Bromoform
Concen: 51.170 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion:173 Resp: 315675
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.2 0.2 0.2

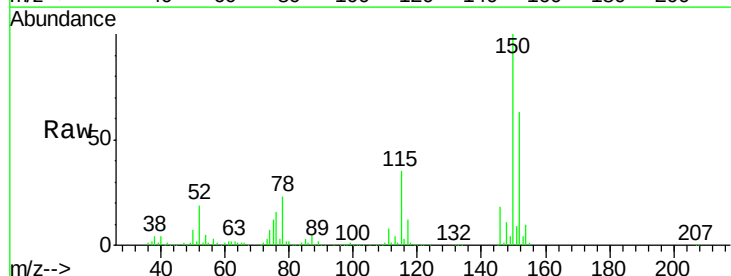


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

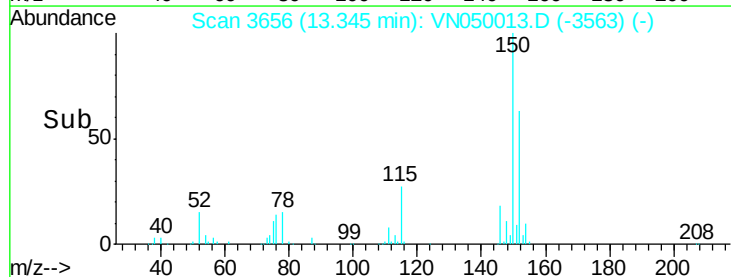
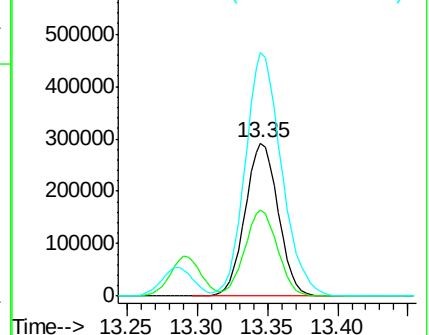


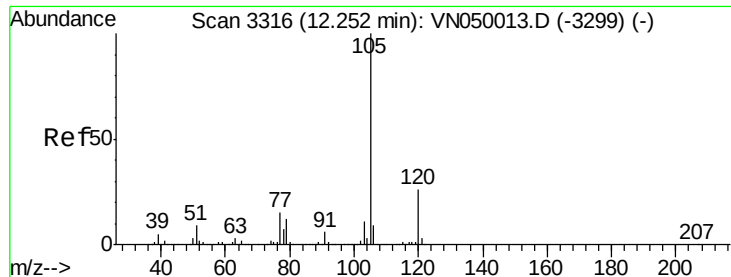
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050013.D
Acq: 23 Jul 2018 18:47

Tgt Ion:152 Resp: 480275
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 174.3 0.0 348.6



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





#73

Isopropylbenzene

Concen: 51.576 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050013.D

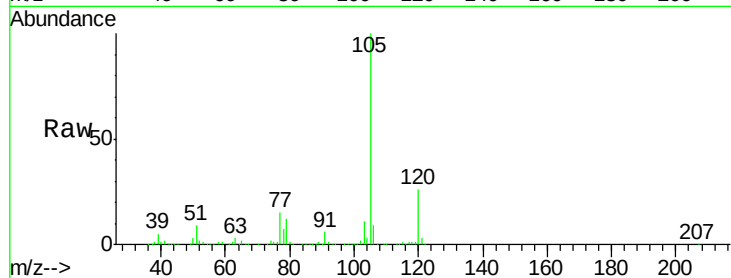
Acq: 23 Jul 2018 18:47

Tgt Ion: 105 Resp: 1893164

Ion Ratio Lower Upper

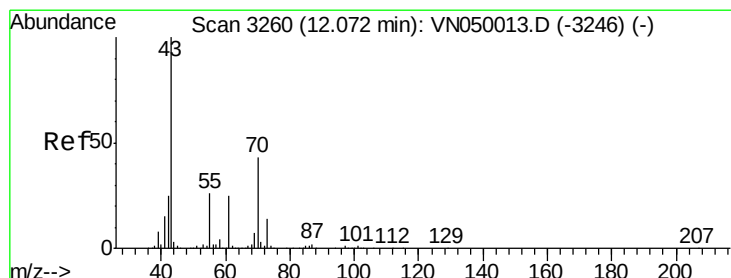
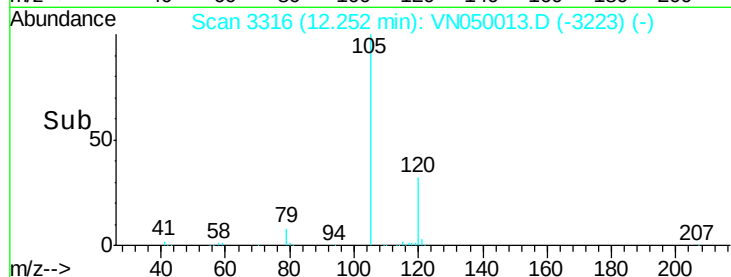
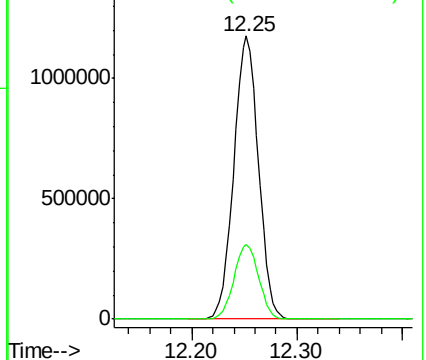
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.806 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

Tgt Ion: 43 Resp: 588661

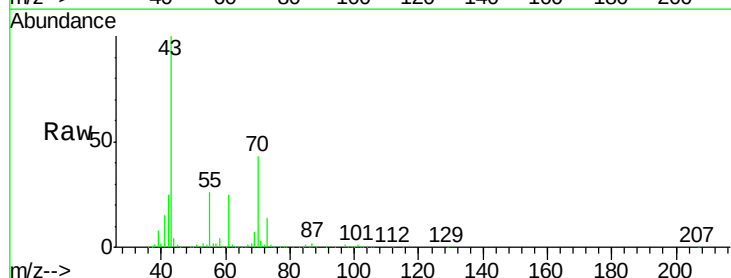
Ion Ratio Lower Upper

43 100

70 43.0 34.4 51.6

55 26.0 20.8 31.2

61 24.6 19.7 29.5

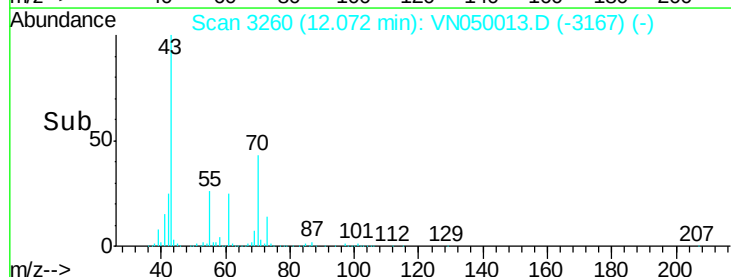
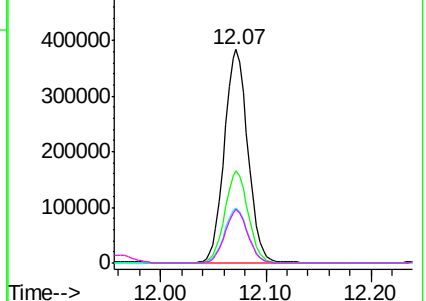


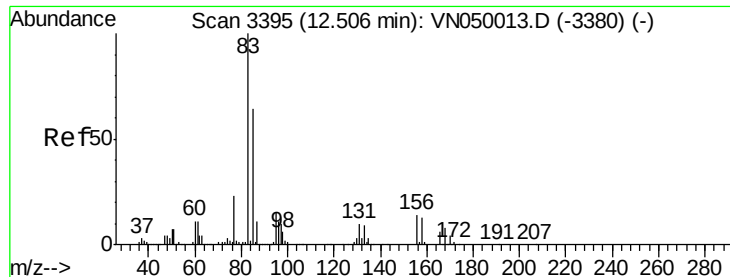
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 46.481 ug/l

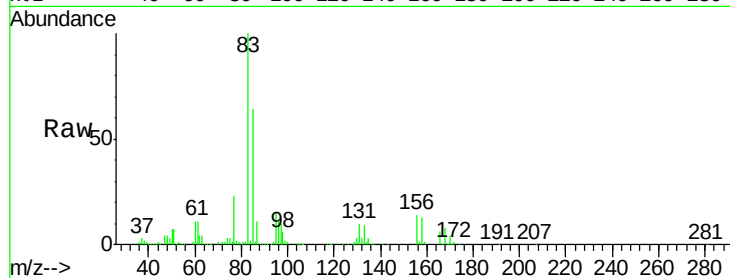
RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

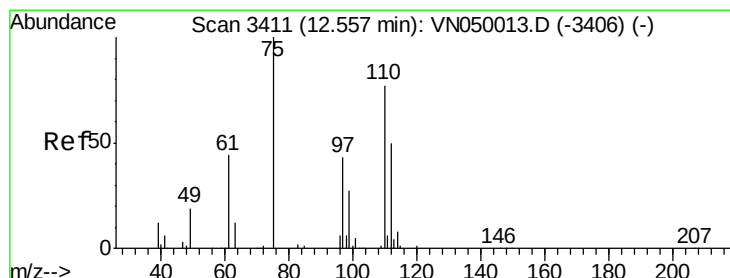
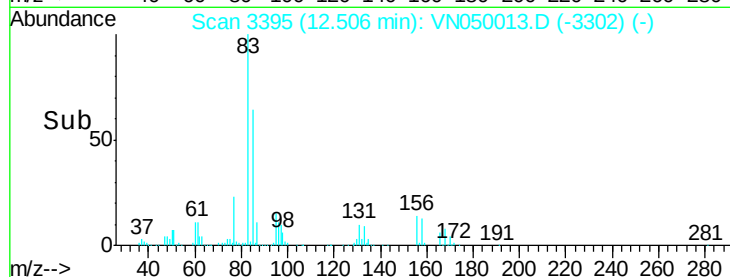
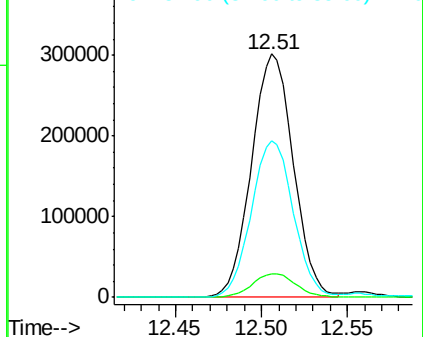
Tgt Ion:	83	Resp:	510008
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.5	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VN050013.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050013.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050013.D (-3380) (-)



#76

1,2,3-Trichloropropane

Concen: 70.685 ug/l

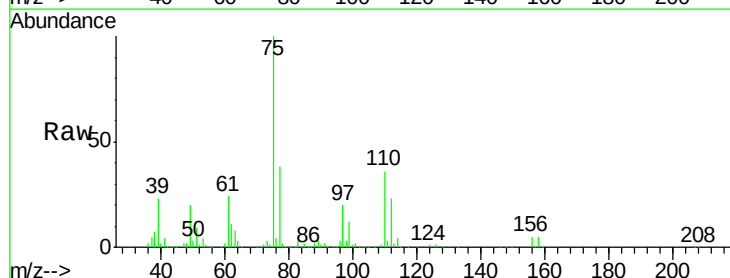
RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050013.D

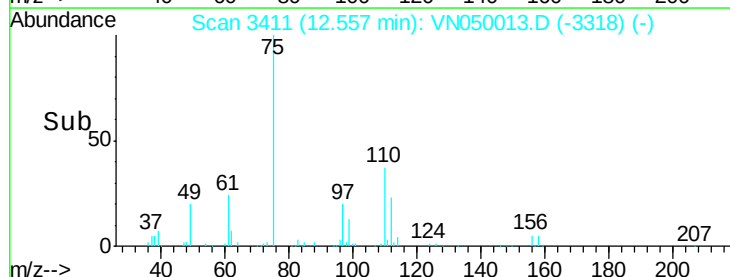
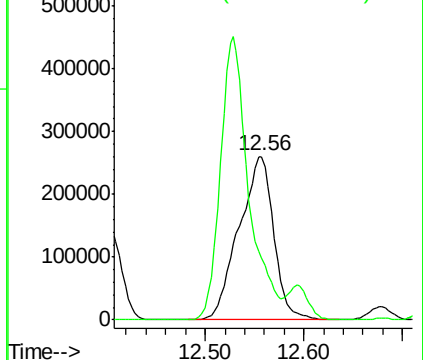
Acq: 23 Jul 2018 18:47

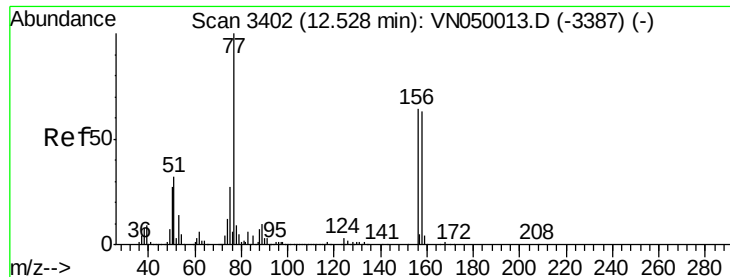
Tgt Ion:	75	Resp:	635073
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050013.D (-3406) (-)

Ion 77.00 (76.70 to 77.70): VN050013.D (-3406) (-)





#77

Bromobenzene

Concen: 48.648 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

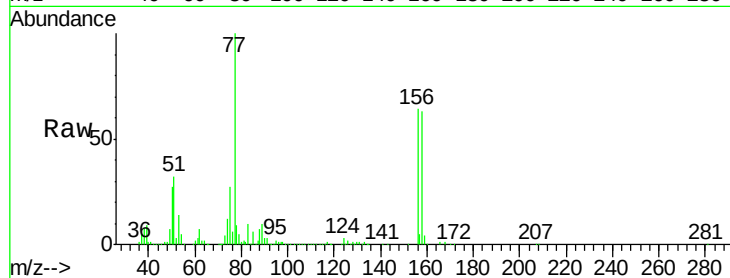
Tgt Ion: 156 Resp: 492919

Ion Ratio Lower Upper

156 100

77 183.4 91.7 275.1

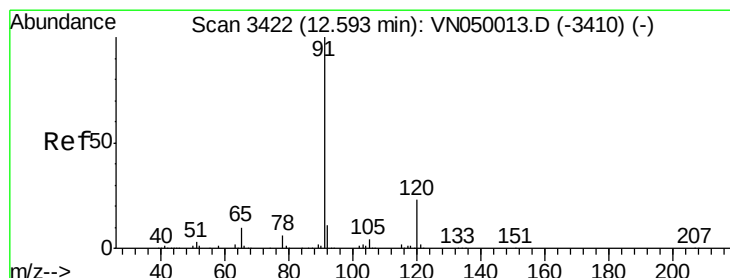
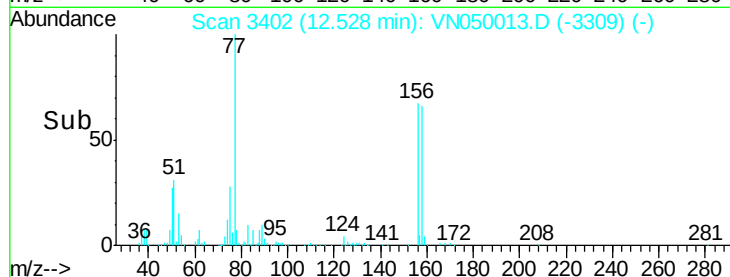
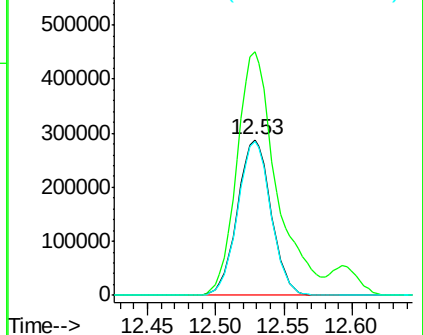
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.542 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050013.D

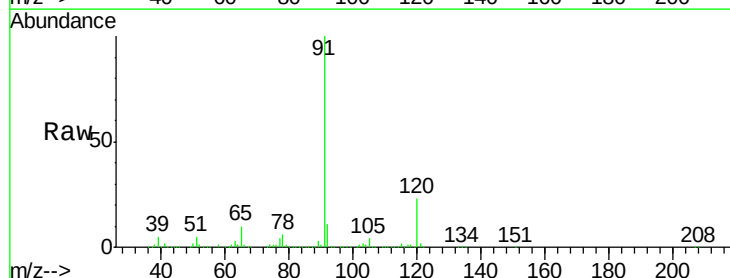
Acq: 23 Jul 2018 18:47

Tgt Ion: 91 Resp: 2191177

Ion Ratio Lower Upper

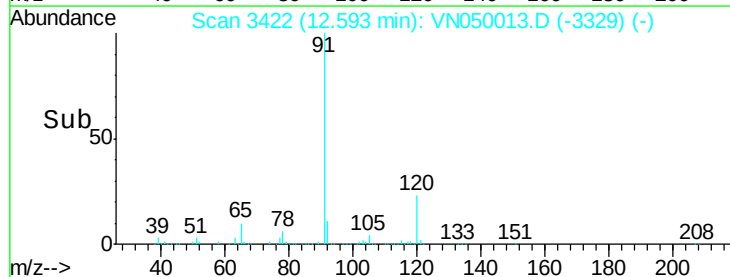
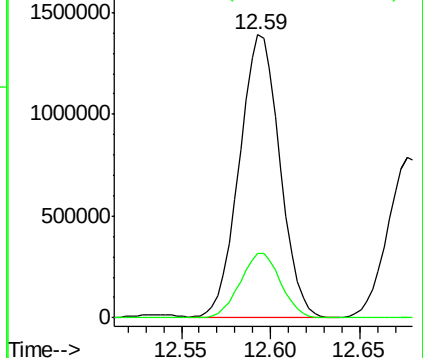
91 100

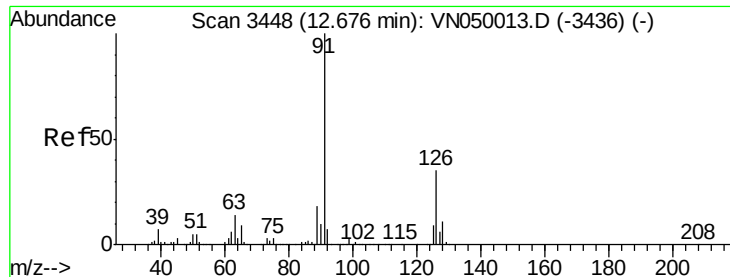
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.769 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050013.D

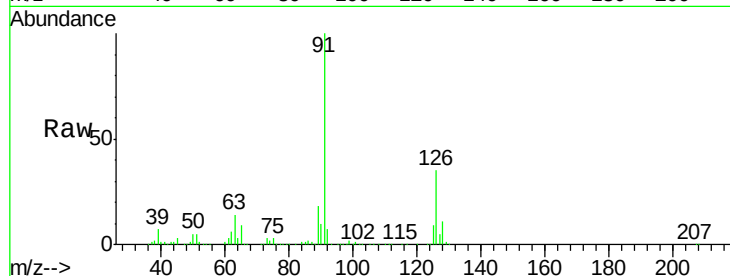
Acq: 23 Jul 2018 18:47

Tgt Ion: 91 Resp: 1299716

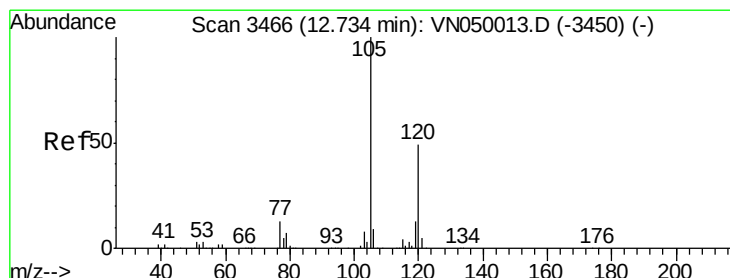
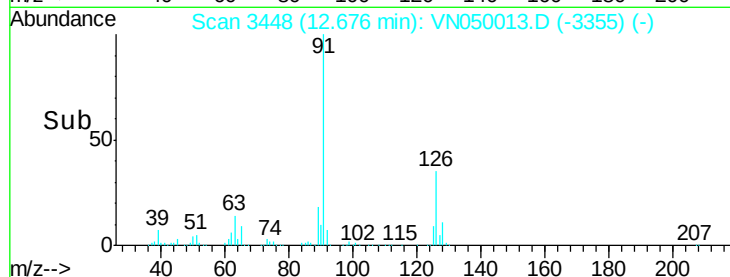
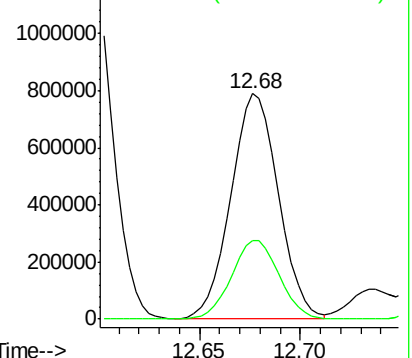
Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050013.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.177 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050013.D

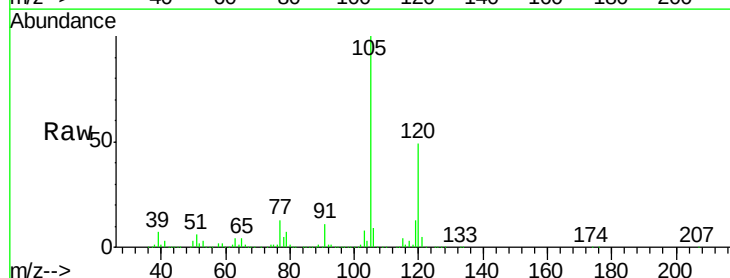
Acq: 23 Jul 2018 18:47

Tgt Ion: 105 Resp: 1562503

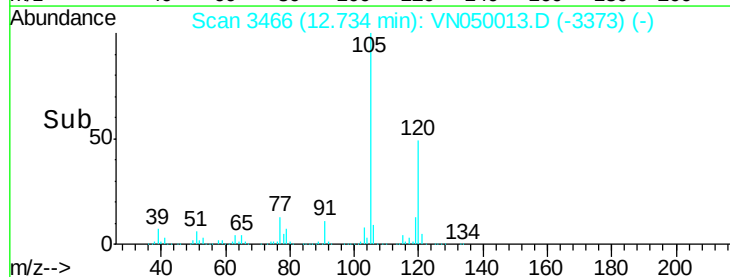
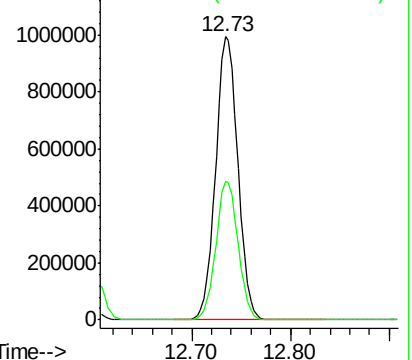
Ion Ratio Lower Upper

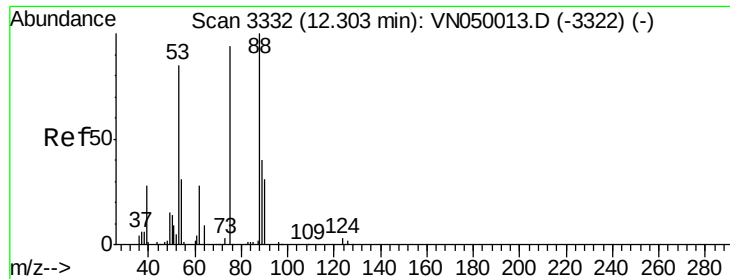
105 100

120 48.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050013.D (-3450) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.209 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

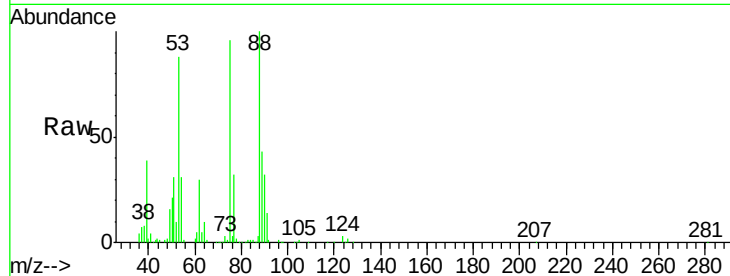
Tgt Ion: 75 Resp: 144926

Ion Ratio Lower Upper

75 100

53 91.9 73.5 110.3

89 45.0 36.0 54.0



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

200000

150000

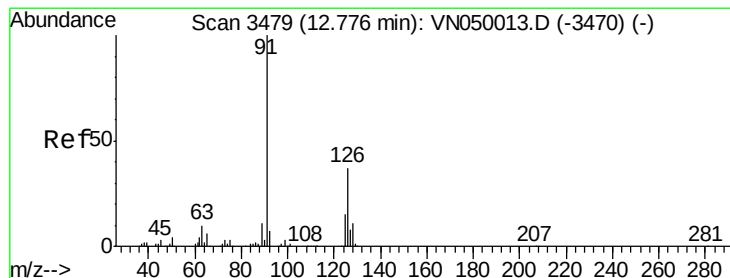
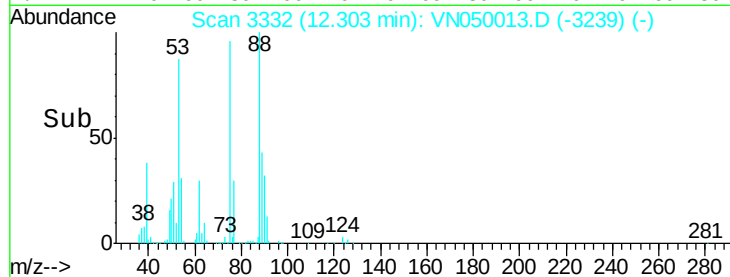
100000

50000

0

12.25 12.30 12.35

Time-->



#82

4-Chlorotoluene

Concen: 51.608 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050013.D

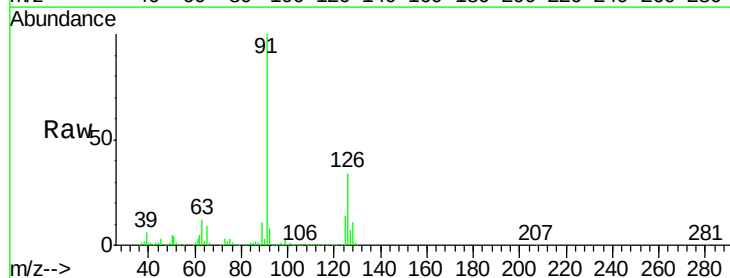
Acq: 23 Jul 2018 18:47

Tgt Ion: 91 Resp: 1324705

Ion Ratio Lower Upper

91 100

126 34.0 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

800000

600000

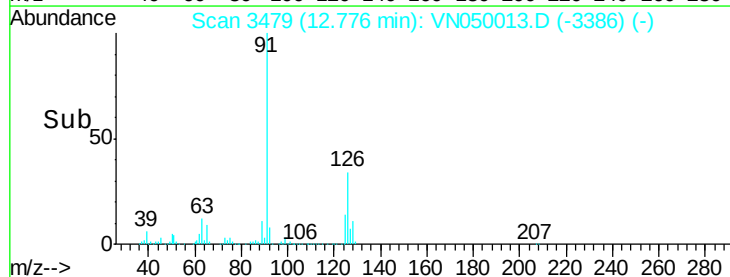
400000

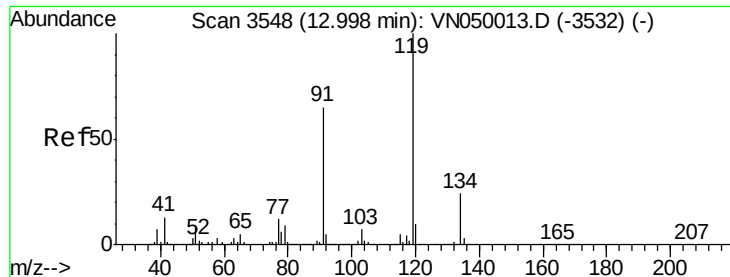
200000

0

12.70 12.80 12.90

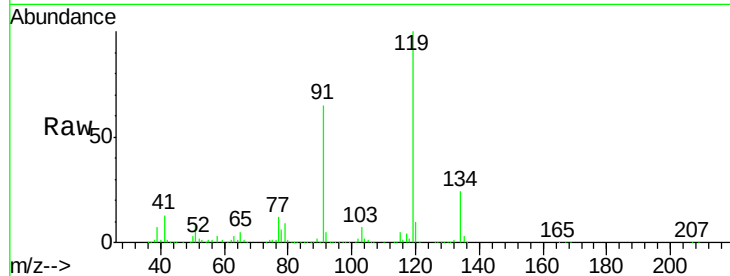
Time-->



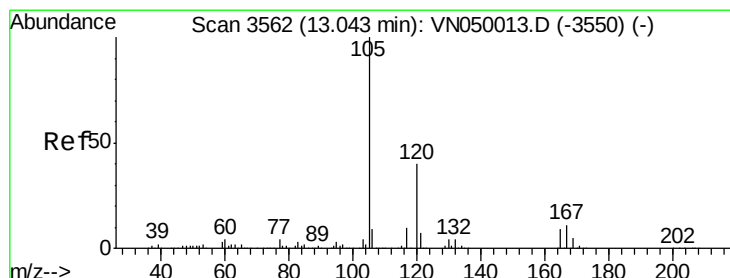
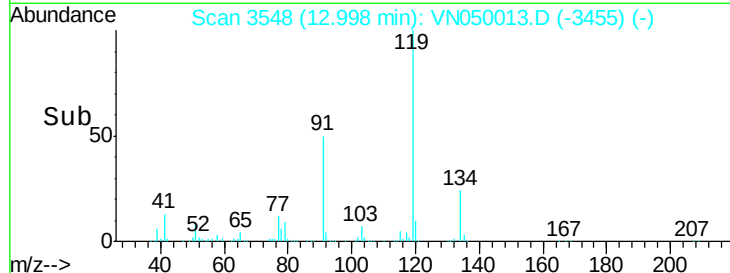
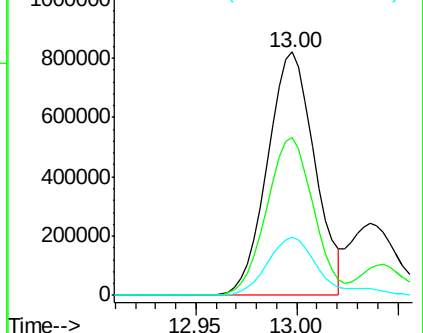


#83
 tert-Butylbenzene
 Concen: 51.751 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

Tgt Ion:119 Resp: 1331854
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.1 96.3
 134 26.3 13.2 39.5

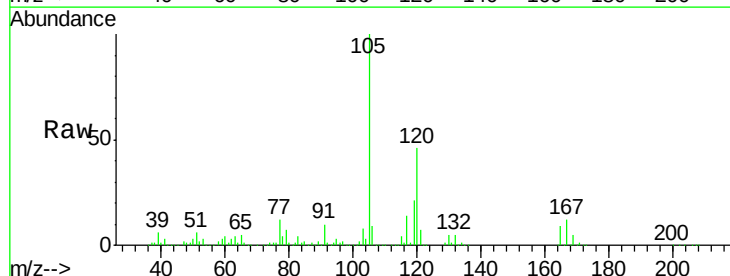


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

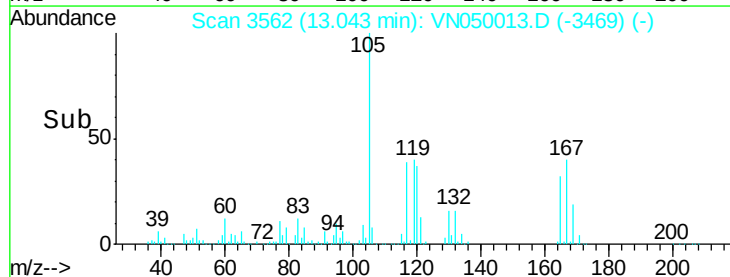
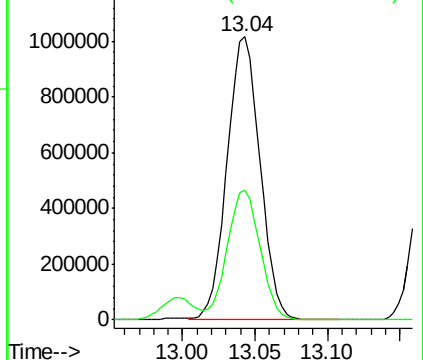


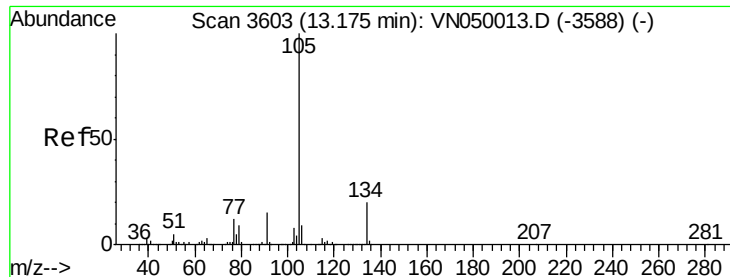
#84
 1,2,4-Trimethylbenzene
 Concen: 53.858 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

Tgt Ion:105 Resp: 1602529
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.7



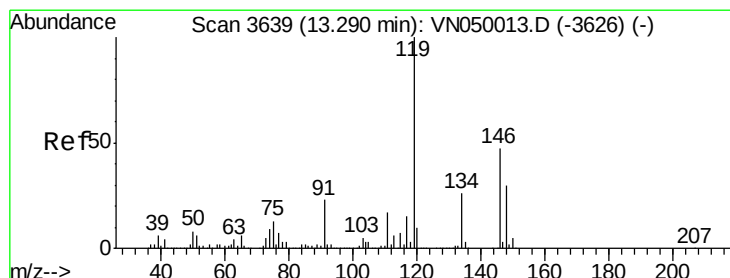
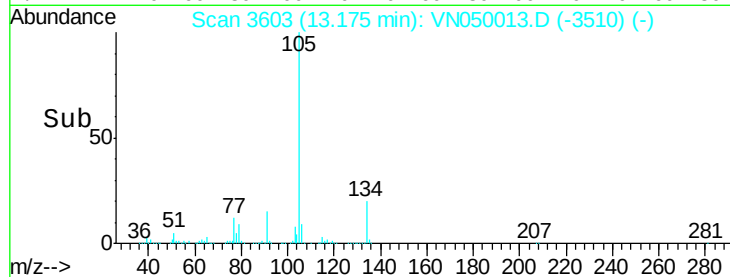
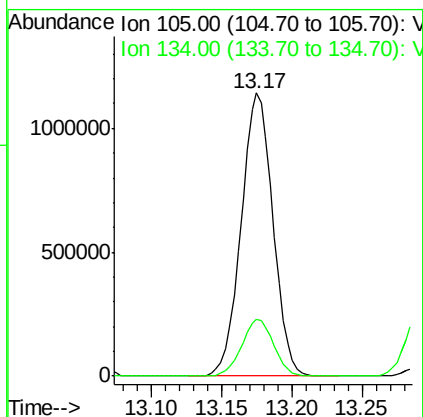
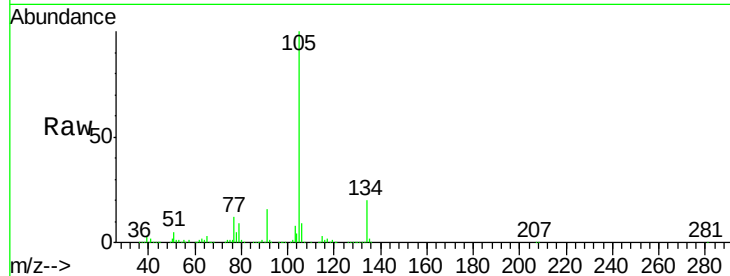
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





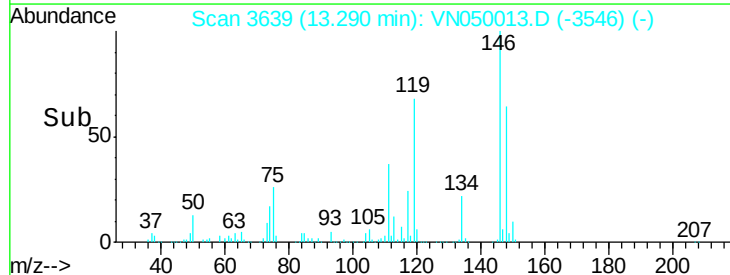
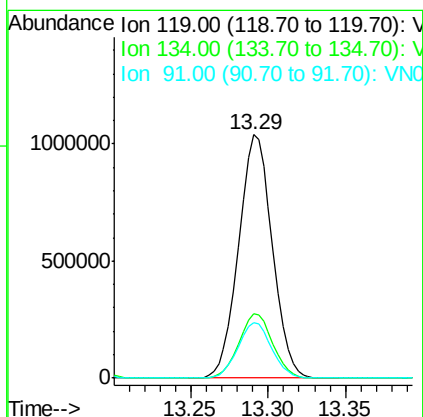
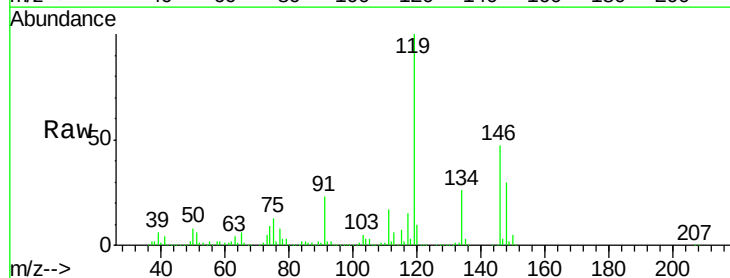
#85
 sec-Butylbenzene
 Concen: 52.831 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

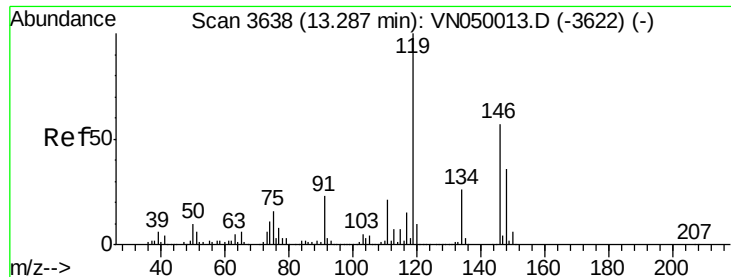
Tgt Ion:105 Resp: 1799605
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.985 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

Tgt Ion:119 Resp: 1567922
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.8 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 49.389 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

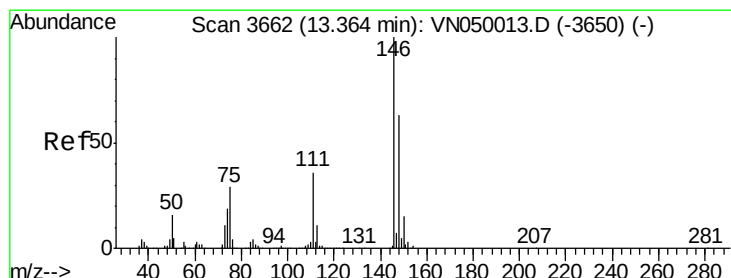
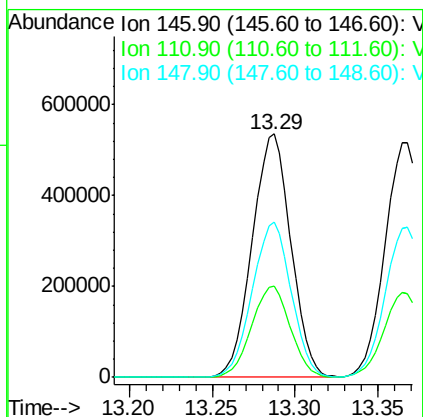
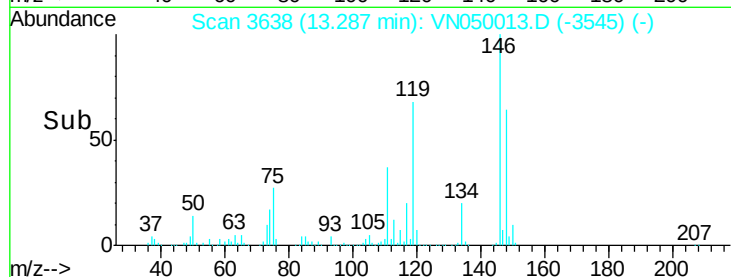
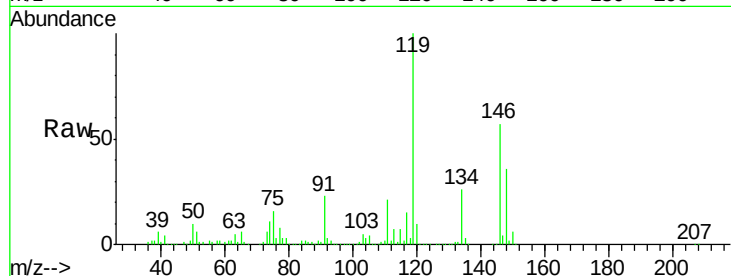
Tgt Ion:146 Resp: 870571

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.900 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

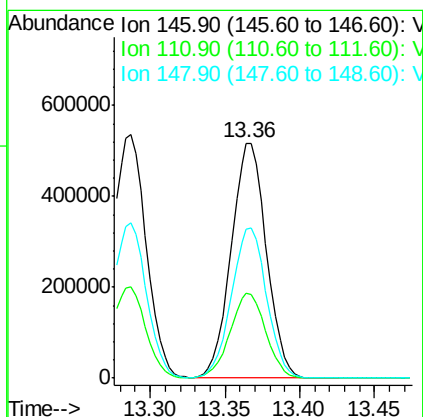
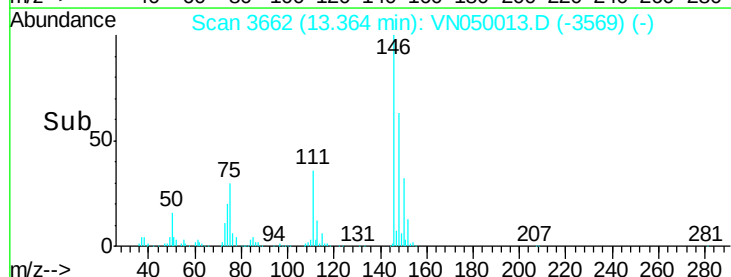
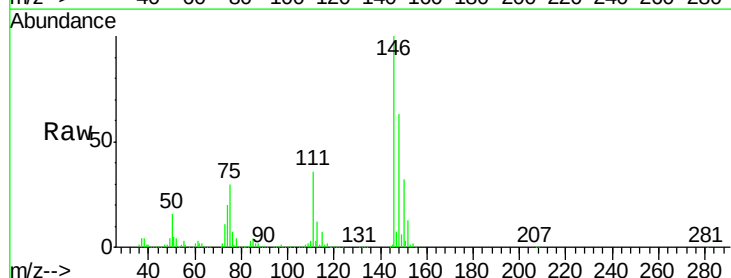
Tgt Ion:146 Resp: 845540

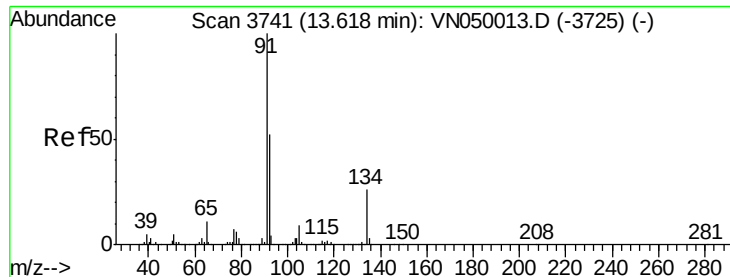
Ion Ratio Lower Upper

146 100

111 36.6 18.3 54.9

148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 53.551 ug/l

RT: 13.62 min Scan# 3741

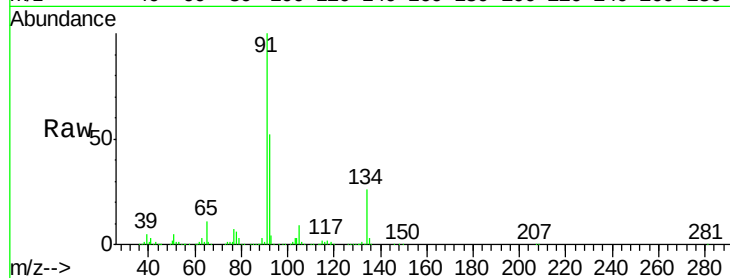
Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

Tgt Ion: 91 Resp: 1282250

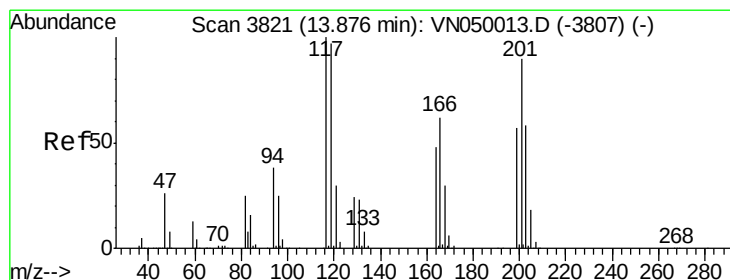
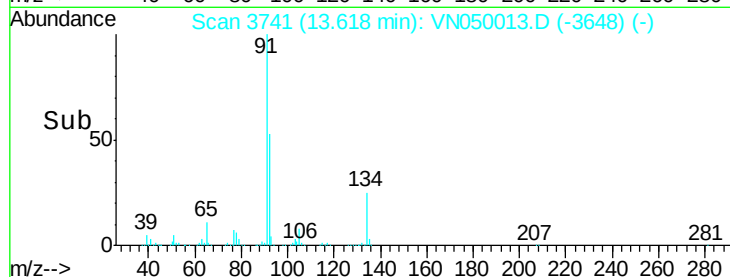
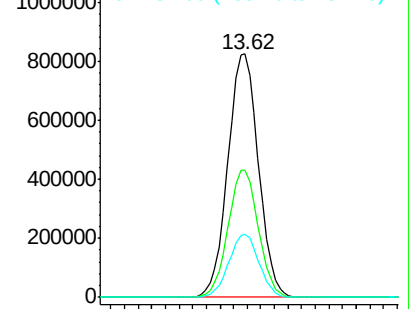
Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.8	77.4
134	25.6	12.8	38.4



Abundance Ion 91.00 (90.70 to 91.70): VN050013.D (-3725) (-)

Ion 92.00 (91.70 to 92.70): VN050013.D (-3725) (-)

Ion 134.00 (133.70 to 134.70): VN050013.D (-3725) (-)



#90

Hexachloroethane

Concen: 44.780 ug/l

RT: 13.88 min Scan# 3821

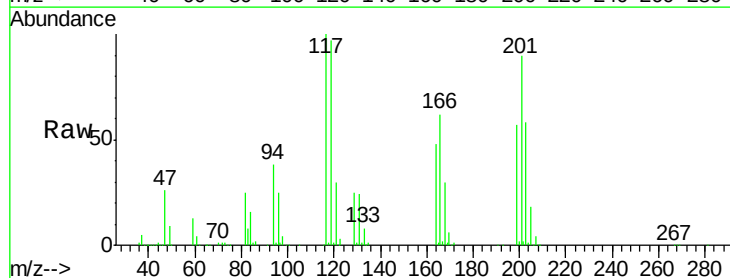
Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

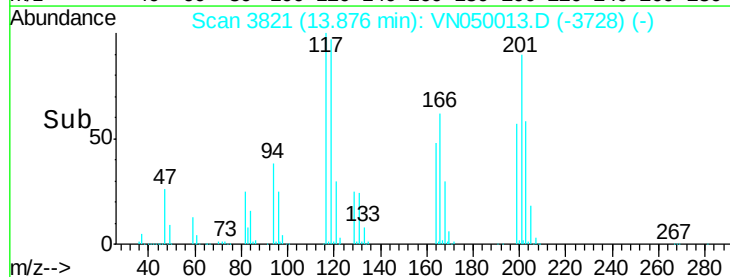
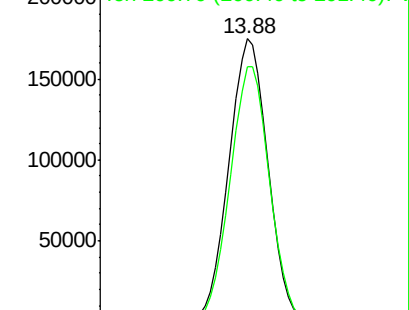
Tgt Ion: 117 Resp: 291568

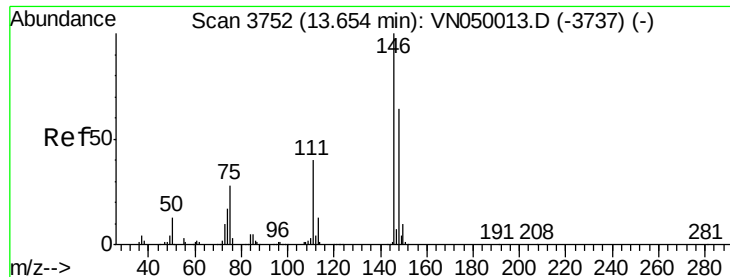
Ion	Ratio	Lower	Upper
117	100		
201	91.2	45.6	136.8



Abundance Ion 116.80 (116.50 to 117.50): VN050013.D (-3807) (-)

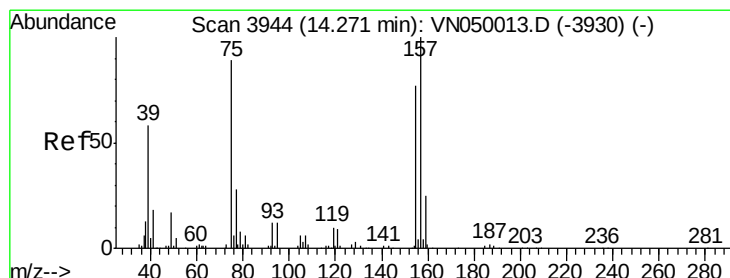
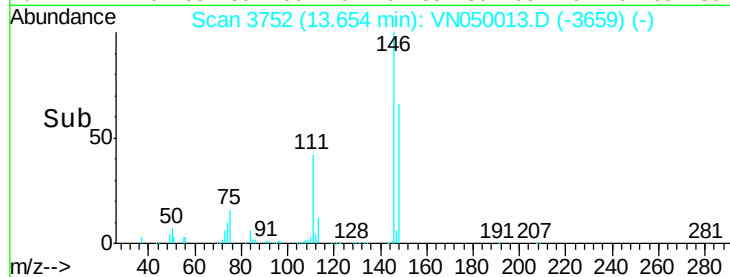
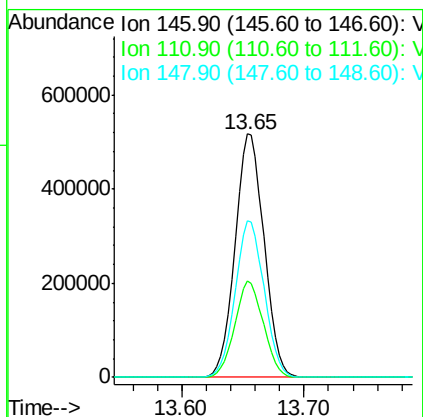
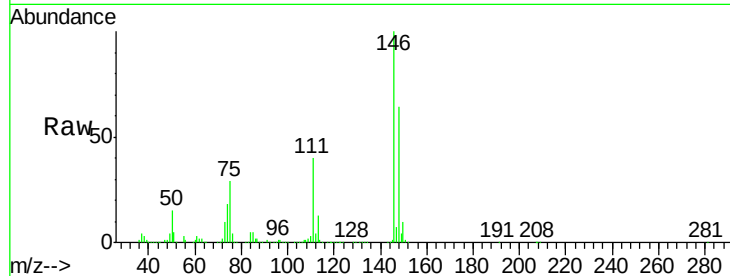
Ion 200.70 (200.40 to 201.40): VN050013.D (-3807) (-)





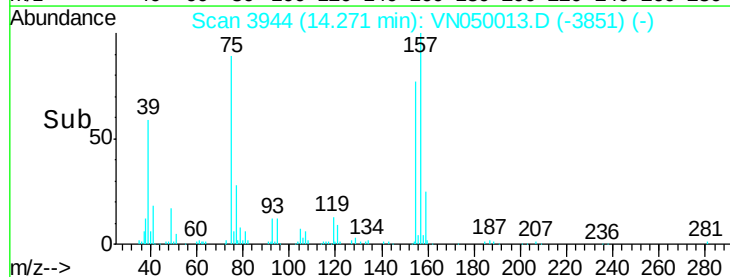
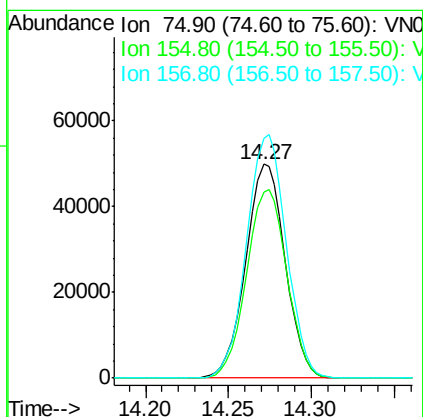
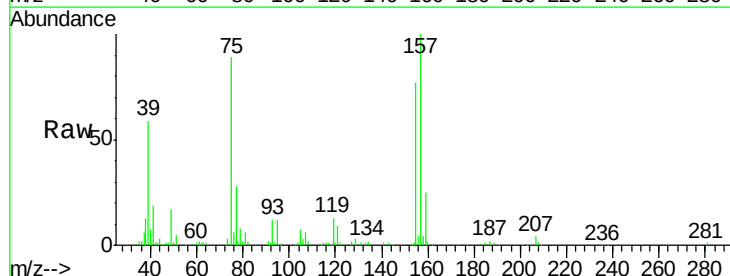
#91
 1,2-Dichlorobenzene
 Concen: 49.059 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

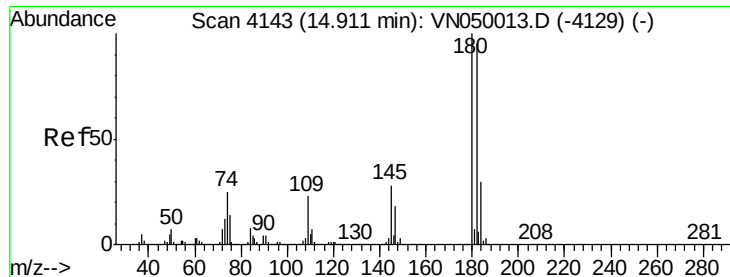
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	64.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.382 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

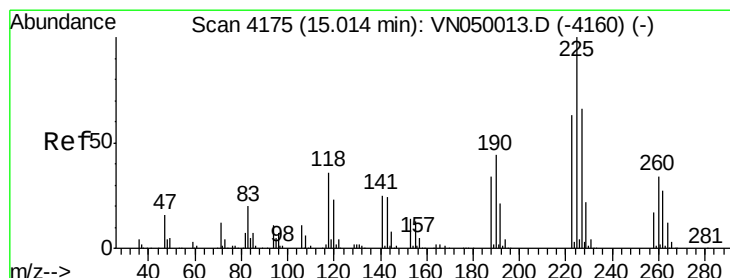
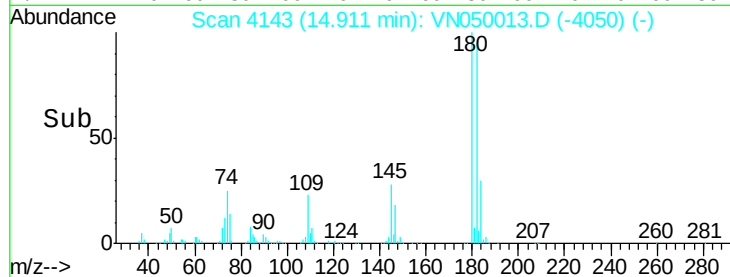
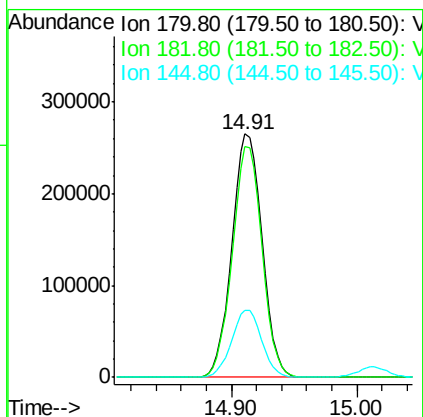
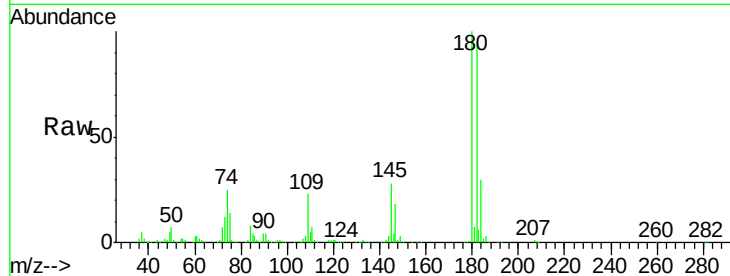
Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	44.8	134.4
157	114.4	57.2	171.6





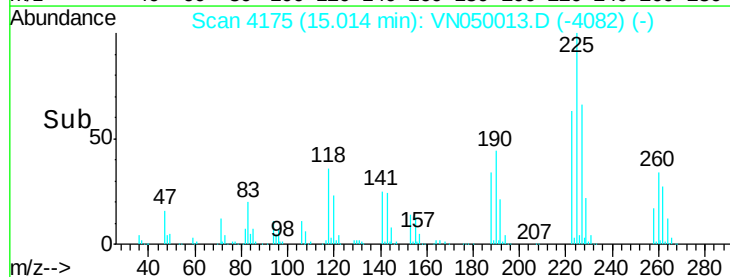
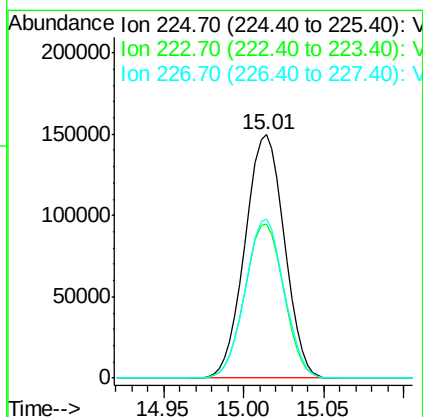
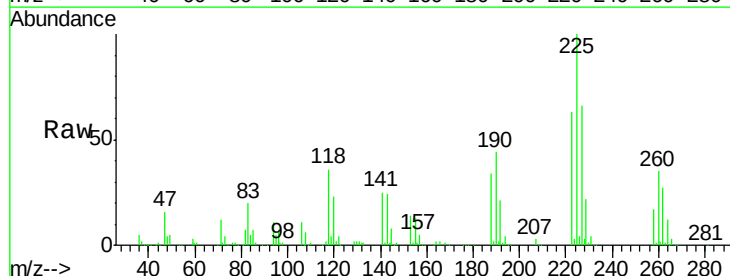
#93
 1,2,4-Trichlorobenzene
 Concen: 55.562 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

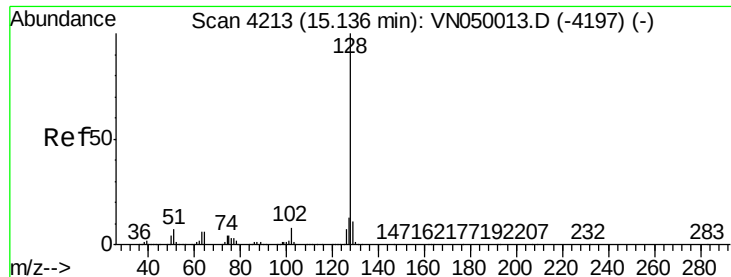
Tgt Ion:180 Resp: 441978
 Ion Ratio Lower Upper
 180 100
 182 93.4 46.7 140.1
 145 27.6 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 44.372 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050013.D
 Acq: 23 Jul 2018 18:47

Tgt Ion:225 Resp: 251432
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.2
 227 64.3 32.1 96.5





#95

Naphthalene

Concen: 57.537 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

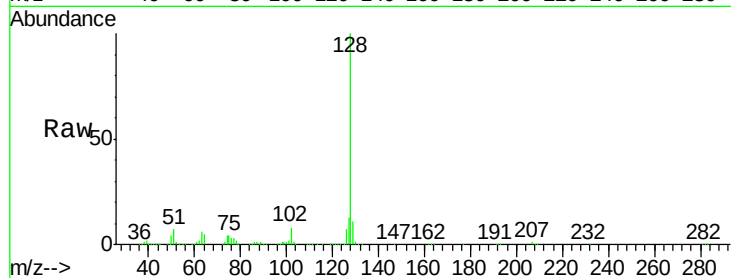
Tgt Ion:128 Resp: 1006104

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

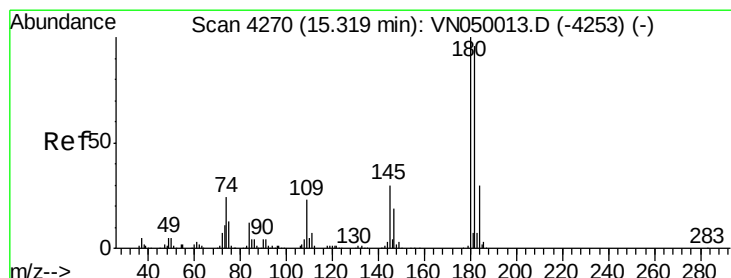
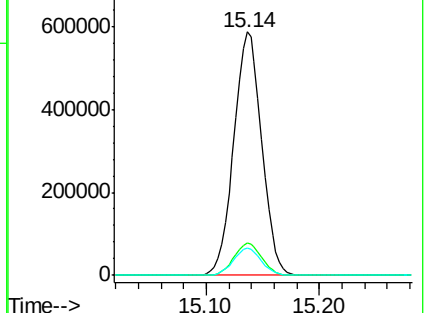
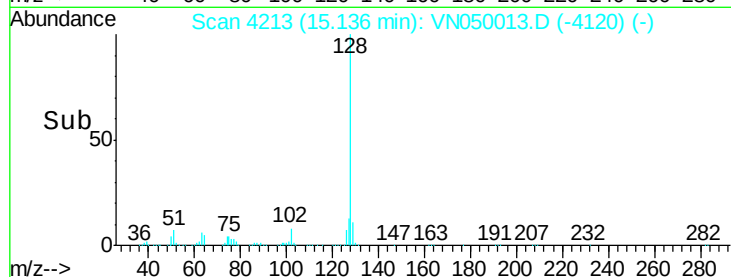
129 11.0 8.8 13.2



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: 52.510 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050013.D

Acq: 23 Jul 2018 18:47

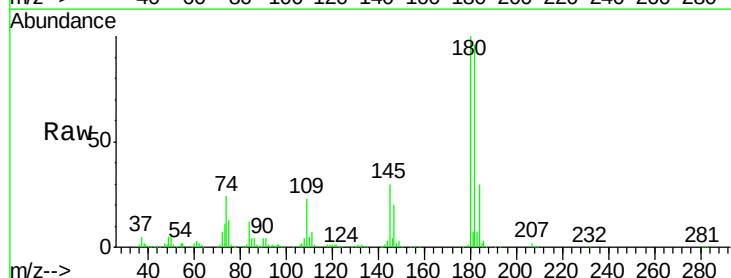
Tgt Ion:180 Resp: 434532

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.4

145 30.6 15.3 45.9



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

