

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101718\
 Data File : VN051900.D
 Acq On : 17 Oct 2018 9:46
 Operator : MD\SY
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Quant Time: Oct 17 12:07:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 17 11:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	876480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1291574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1140306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	501138	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	164028	17.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	35.54%		
35) Dibromofluoromethane	7.59	113	162731	16.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	33.10%		
50) Toluene-d8	10.09	98	586850	16.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	32.08%		
62) 4-Bromofluorobenzene	12.40	95	186221	15.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	30.10%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	104763	21.97	ug/l	99
3) Chloromethane	2.06	50	106332	21.69	ug/l	100
4) Vinyl Chloride	2.18	62	155342	21.33	ug/l	97
5) Bromomethane	2.57	94	138097	22.46	ug/l	98
6) Chloroethane	2.70	64	118446	21.60	ug/l	100
7) Trichlorofluoromethane	3.01	101	253449	21.97	ug/l	98
8) Diethyl Ether	3.41	74	73557	21.21	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.76	101	143582	20.12	ug/l	97
10) Methyl Iodide	3.95	142	162557	20.06	ug/l	96
11) Tert butyl alcohol	4.79	59	46878	109.85	ug/l #	85
12) 1,1-Dichloroethene	3.74	96	128988	20.53	ug/l	87
13) Acrolein	3.61	56	34792	116.14	ug/l	99
14) Allyl chloride	4.33	41	144494	19.67	ug/l #	75
15) Acrylonitrile	4.99	53	183870	107.68	ug/l	97
16) Acetone	3.82	43	142214	90.48	ug/l	99
17) Carbon Disulfide	4.06	76	295386	18.72	ug/l	98
18) Methyl Acetate	4.33	43	90905	21.89	ug/l #	90
19) Methyl tert-butyl Ether	5.05	73	371969	20.67	ug/l	100
20) Methylene Chloride	4.55	84	149047	21.26	ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	143611	20.01	ug/l	90
22) Diisopropyl ether	5.96	45	332791	20.24	ug/l #	87
23) Vinyl Acetate	5.90	43	1142901	100.16	ug/l #	91
24) 1,1-Dichloroethane	5.85	63	239947	20.58	ug/l	98
25) 2-Butanone	6.84	43	210849	99.87	ug/l	91
26) 2,2-Dichloropropane	6.83	77	228523	19.44	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	174384	20.48	ug/l	88
28) Bromochloromethane	7.20	49	96333	20.42	ug/l #	62
29) Tetrahydrofuran	7.22	42	128741	107.40	ug/l #	77
30) Chloroform	7.37	83	285914	20.31	ug/l	98
31) Cyclohexane	7.66	56	203452	20.51	ug/l #	80
32) 1,1,1-Trichloroethane	7.57	97	261152	19.69	ug/l	96
36) 1,1-Dichloropropene	7.80	75	194989	18.88	ug/l	94
37) Ethyl Acetate	6.93	43	96980	20.90	ug/l	98
38) Carbon Tetrachloride	7.78	117	233119	18.77	ug/l	98

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

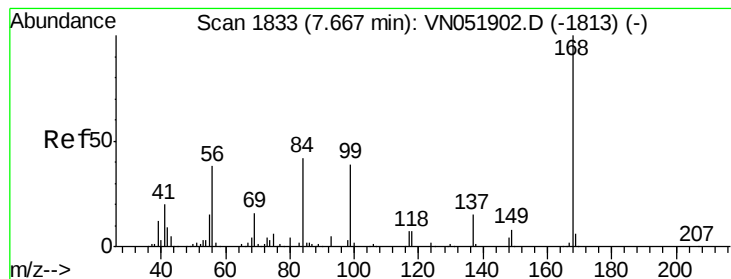
39) Methylcyclohexane	9.08	83	245451	18.40	ug/l	90
40) Benzene	8.04	78	593967	19.37	ug/l	99
41) Methacrylonitrile	7.18	41	42825	18.92	ug/l #	57
42) 1,2-Dichloroethane	8.13	62	191558	19.72	ug/l	100
43) Isopropyl Acetate	8.17	43	185095	20.10	ug/l #	96
44) Trichloroethene	8.84	130	183904	19.21	ug/l	96
45) 1,2-Dichloropropane	9.12	63	137339	19.37	ug/l	99
46) Dibromomethane	9.21	93	104682	19.66	ug/l	99
47) Bromodichloromethane	9.40	83	212230	19.02	ug/l	99
48) Methyl methacrylate	9.20	41	81725	19.74	ug/l #	73
49) 1,4-Dioxane	9.20	88	31282	419.92	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	494207	104.33	ug/l	96
52) Toluene	10.16	92	397130	19.00	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	195889	17.87	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	222981	18.57	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	147918	19.81	ug/l	95
56) Ethyl methacrylate	10.43	69	161096	19.10	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	227371	19.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	341592	95.16	ug/l #	89
59) 2-Hexanone	10.75	43	317061	95.11	ug/l	97
60) Dibromochloromethane	10.90	129	165559	17.71	ug/l	100
61) 1,2-Dibromoethane	11.01	107	150323	19.29	ug/l	98
64) Tetrachloroethene	10.63	164	189550	20.90	ug/l	98
65) Chlorobenzene	11.43	112	454482	20.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	171107	19.54	ug/l	98
67) Ethyl Benzene	11.51	91	755009	19.92	ug/l	98
68) m/p-Xylenes	11.62	106	604072	39.09	ug/l	97
69) o-Xylene	11.95	106	296660	19.62	ug/l	97
70) Styrene	11.97	104	448359	18.84	ug/l	98
71) Bromoform	12.13	173	100185	17.52	ug/l #	99
73) Isopropylbenzene	12.25	105	804453	23.74	ug/l	99
74) N-amyl acetate	12.07	43	135727	23.07	ug/l	94
75) 1,1,1,2-Tetrachloroethane	12.50	83	166718	25.67	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	189662	37.24	ug/l #	100
77) Bromobenzene	12.53	156	194761	22.74	ug/l	89
78) n-propylbenzene	12.59	91	836274	22.61	ug/l	96
79) 2-Chlorotoluene	12.67	91	501620	23.59	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	647794	22.82	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	35383	20.04	ug/l	93
82) 4-Chlorotoluene	12.77	91	479628	22.27	ug/l	96
83) tert-Butylbenzene	12.99	119	604715	23.26	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	655444	22.77	ug/l	99
85) sec-Butylbenzene	13.17	105	776699	22.53	ug/l	99
86) p-Isopropyltoluene	13.29	119	681808	21.81	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	332816	21.37	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	319646	21.29	ug/l	99
89) n-Butylbenzene	13.62	91	491438	20.24	ug/l	98
90) Hexachloroethane	13.87	117	109932	20.66	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	327313	21.80	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23395	23.81	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	125222	17.96	ug/l	99
94) Hexachlorobutadiene	15.01	225	105713	22.63	ug/l	98
95) Naphthalene	15.13	128	242126	18.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	133489	20.27	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051900.D

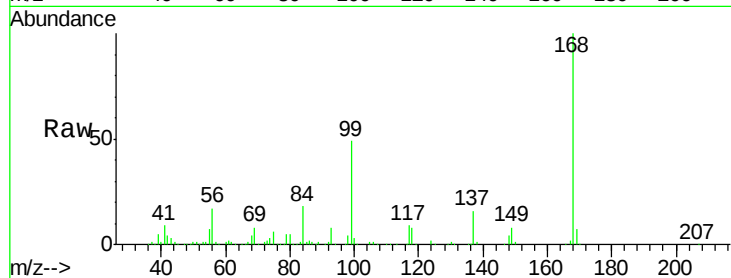
Acq: 17 Oct 2018 9:46

Tot Ion:168 Resp: 876480

Ion Ratio Lower Upper

168 100

99 49.2 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

200000

100000

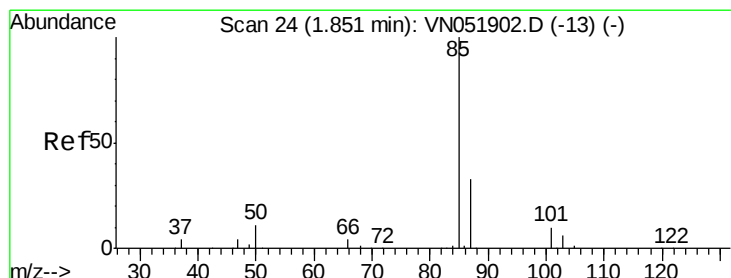
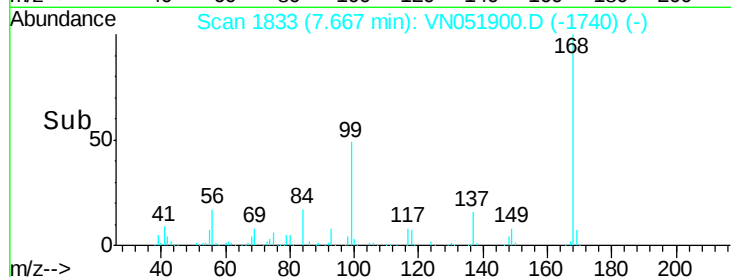
0

Time-->

7.60

7.70

7.80



#2

Dichlorodifluoromethane

Concen: 21.97 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.01 min

Lab File: VN051900.D

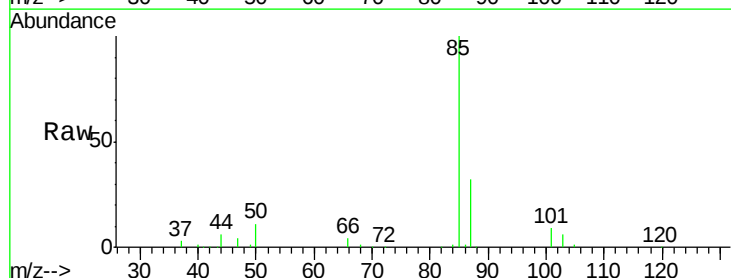
Acq: 17 Oct 2018 9:46

Tgt Ion: 85 Resp: 104763

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

60000

40000

20000

0

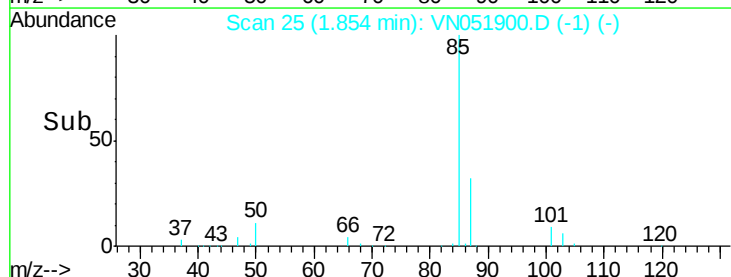
Time-->

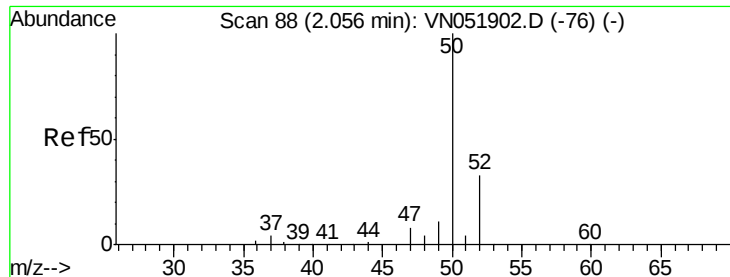
1.80

1.85

1.90

1.95





#3

Chloromethane

Concen: 21.69 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.01 min

Lab File: VN051900.D

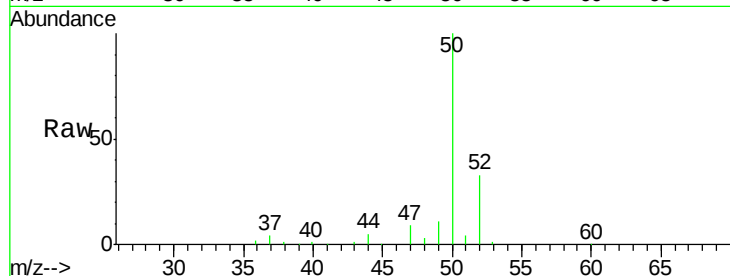
Acq: 17 Oct 2018 9:46

Tot Ion: 50 Resp: 106332

Ion Ratio Lower Upper

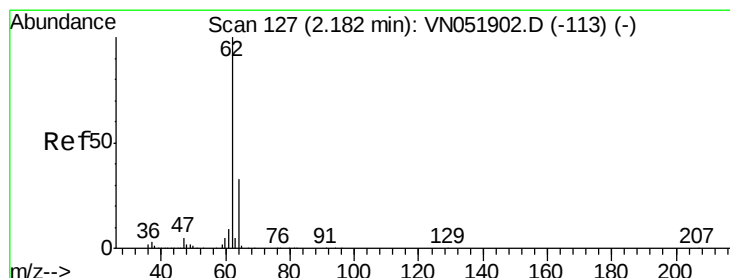
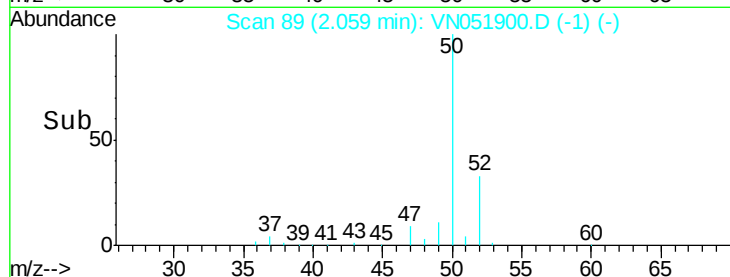
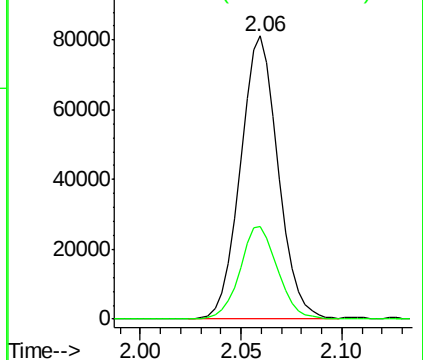
50 100

52 32.6 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 21.33 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.01 min

Lab File: VN051900.D

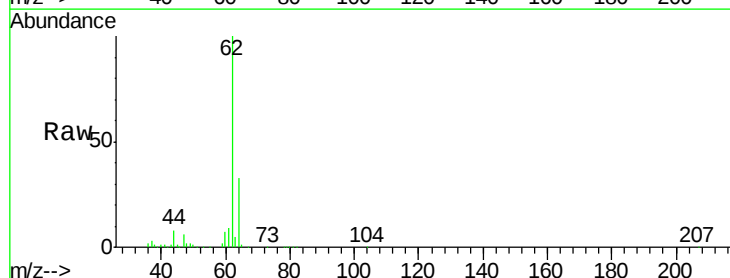
Acq: 17 Oct 2018 9:46

Tgt Ion: 62 Resp: 155342

Ion Ratio Lower Upper

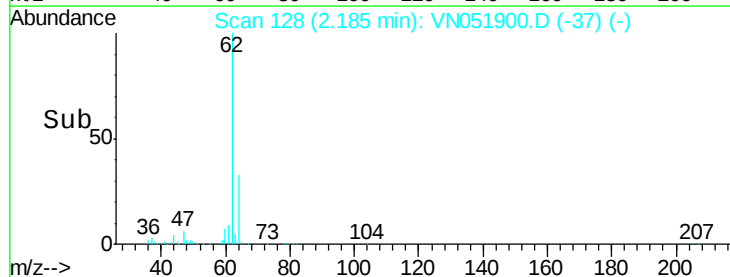
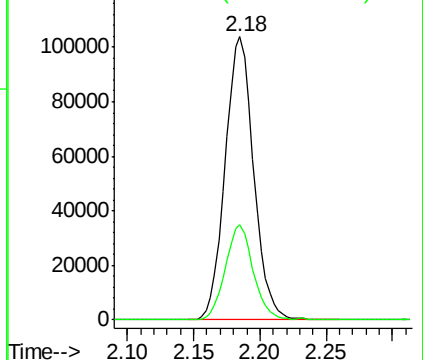
62 100

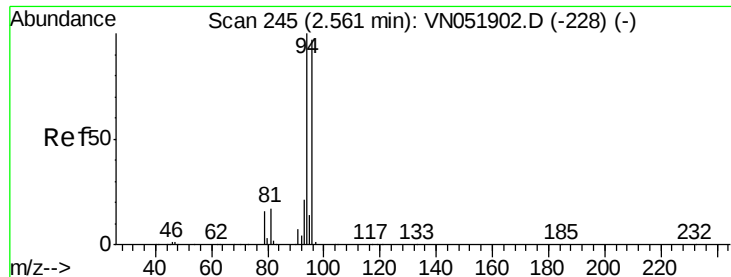
64 33.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 22.46 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.01 min

Lab File: VN051900.D

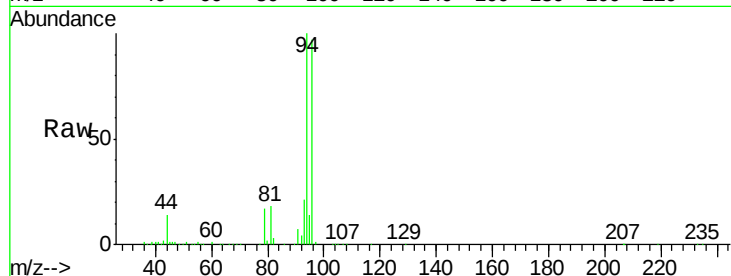
Acq: 17 Oct 2018 9:46

Tot Ion: 94 Resp: 138097

Ion Ratio Lower Upper

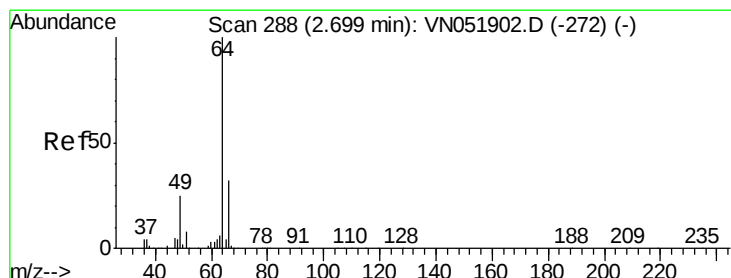
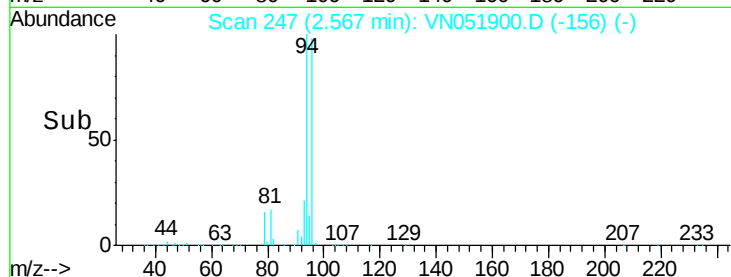
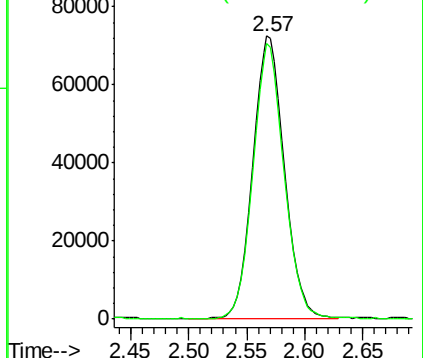
94 100

96 96.8 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.60 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN051900.D

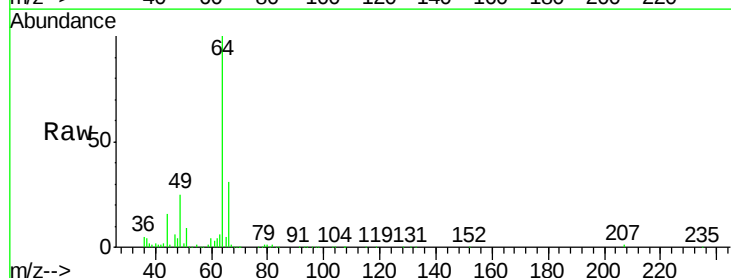
Acq: 17 Oct 2018 9:46

Tgt Ion: 64 Resp: 118446

Ion Ratio Lower Upper

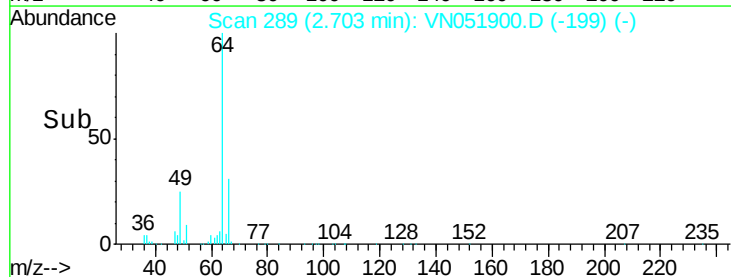
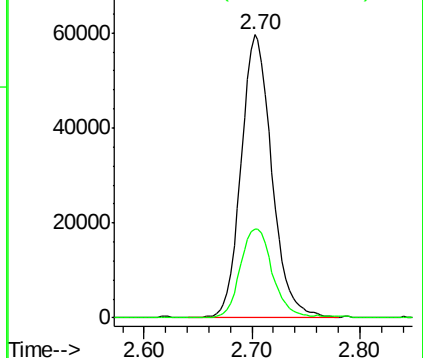
64 100

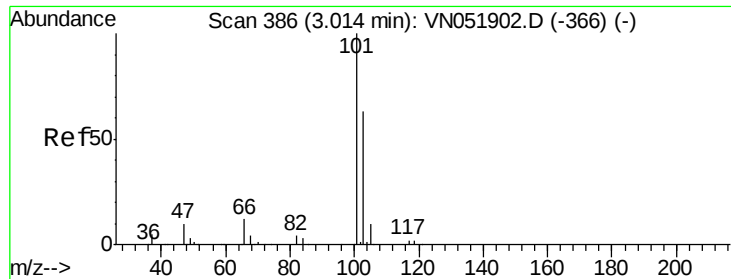
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

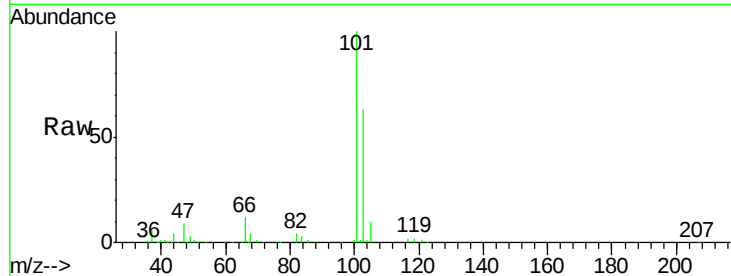




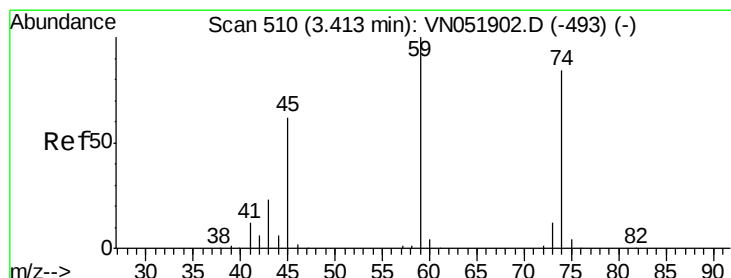
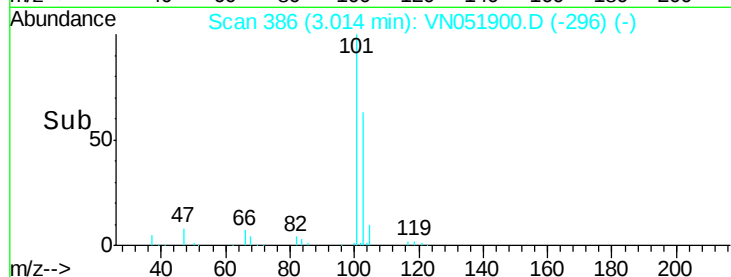
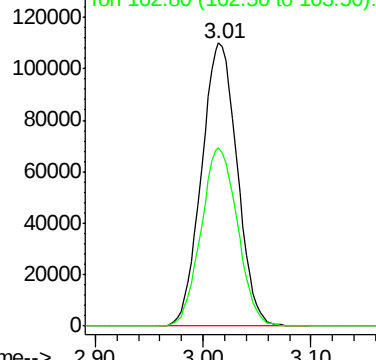
#7

Trichlorofluoromethane
Concen: 21.97 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.01 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tot Ion:101 Resp: 253449
Ion Ratio Lower Upper
101 100
103 62.9 51.6 77.4



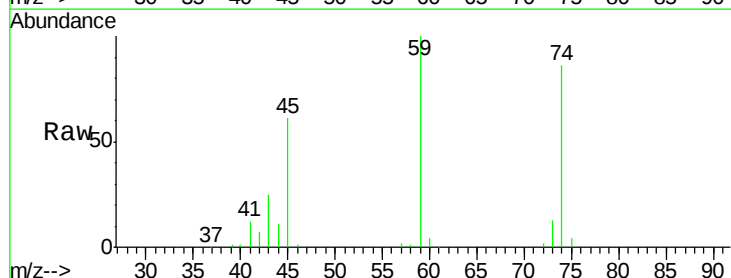
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



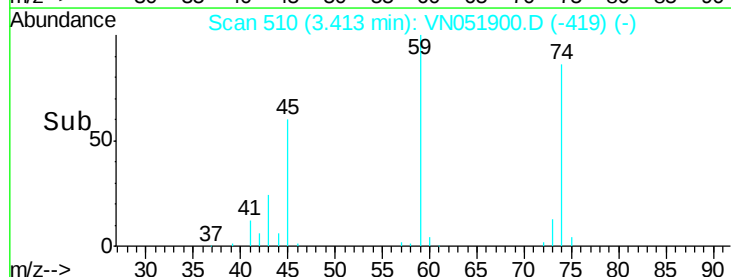
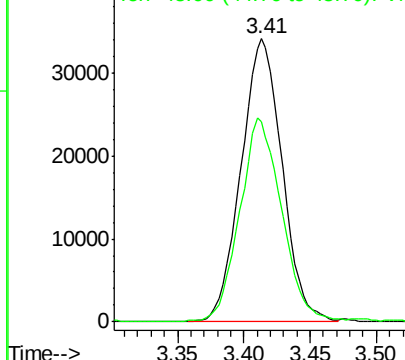
#8

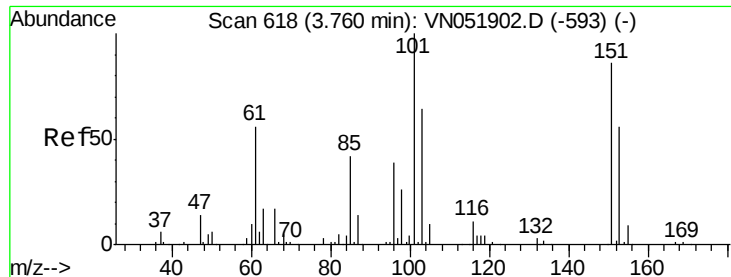
Diethyl Ether
Concen: 21.21 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.01 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion: 74 Resp: 73557
Ion Ratio Lower Upper
74 100
45 73.8 48.2 144.6



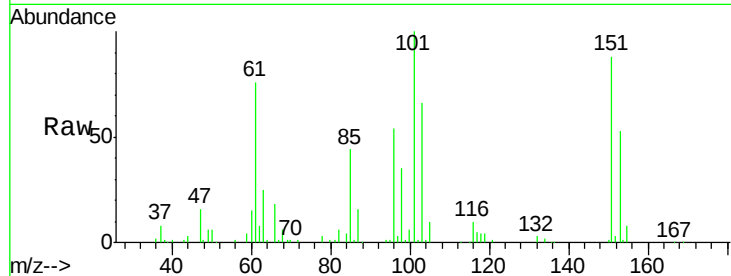
Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V



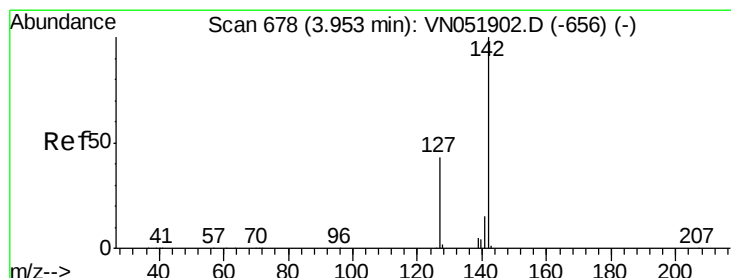
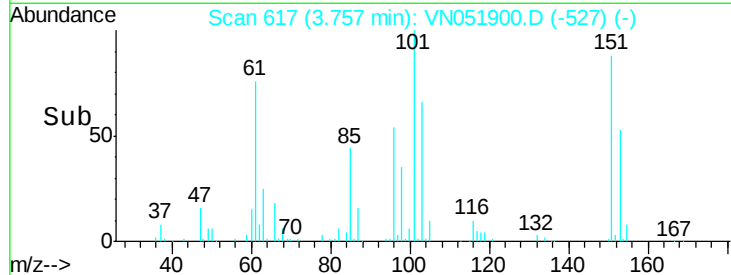
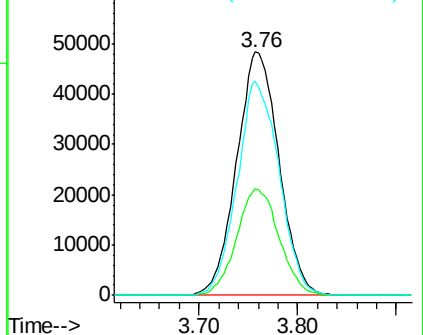


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.12 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.9	33.7	50.5
151	87.4	67.4	101.2

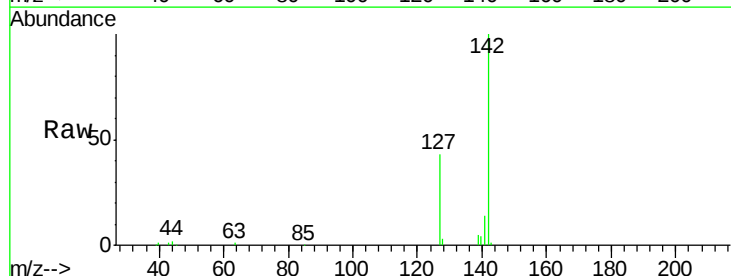


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

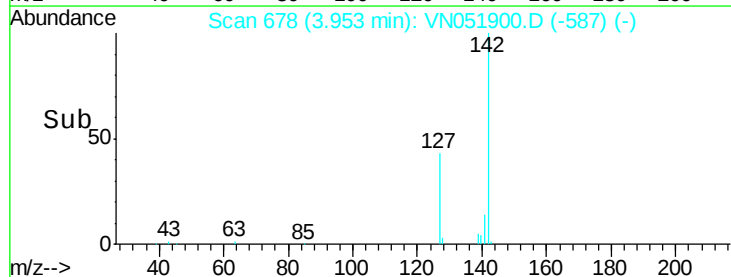
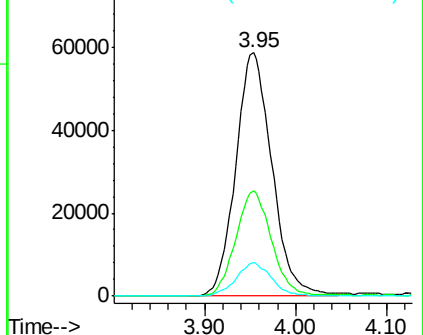


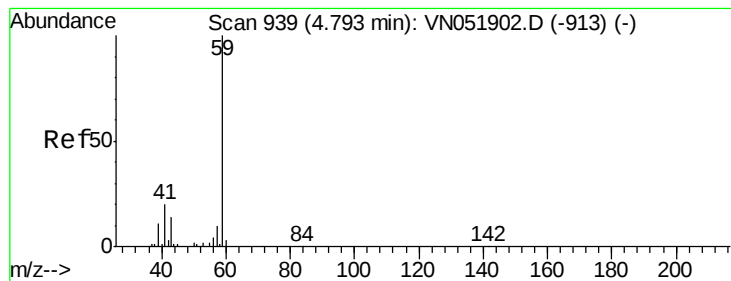
#10
 Methyl Iodide
 Concen: 20.06 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.7	31.7	47.5
141	13.4	11.4	17.0



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: 109.85 ug/l

RT: 4.79 min Scan# 939

Delta R.T. -0.00 min

Lab File: VN051900.D

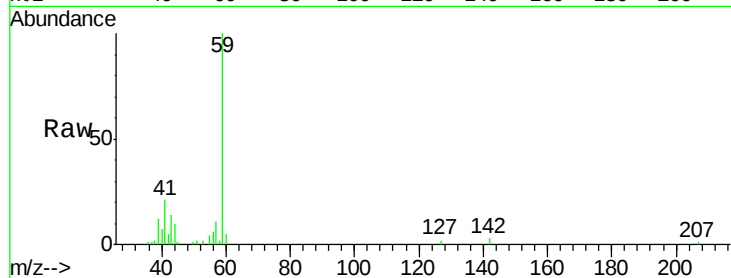
Acq: 17 Oct 2018 9:46

Tot Ion: 59 Resp: 46878

Ion Ratio Lower Upper

59 100

57 4.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.79

15000

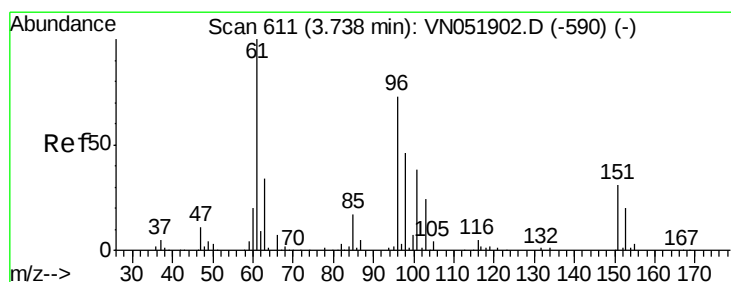
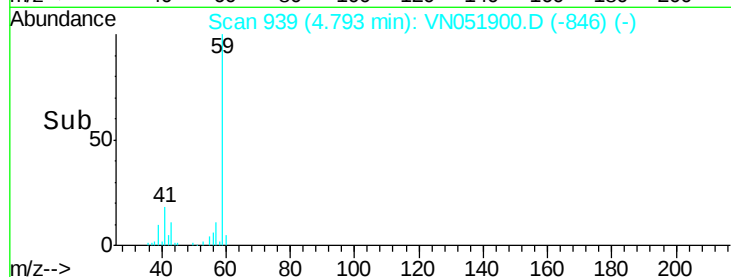
10000

5000

0

Time-->

4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 20.53 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

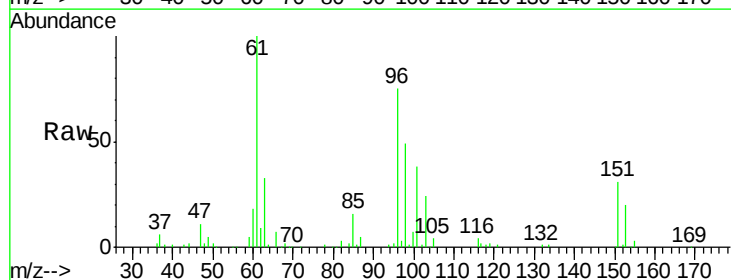
Tgt Ion: 96 Resp: 128988

Ion Ratio Lower Upper

96 100

61 133.3 124.9 187.3

98 65.5 51.1 76.7



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

3.74

80000

60000

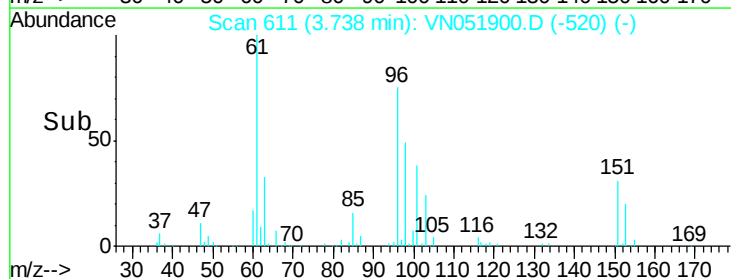
40000

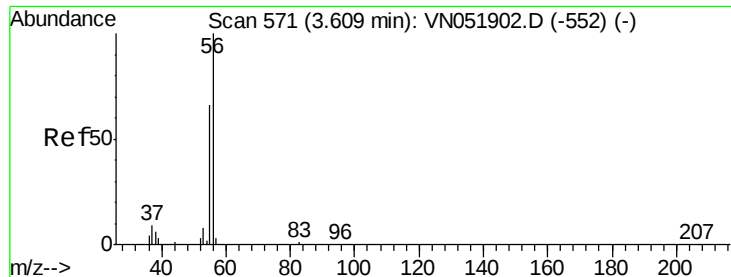
20000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 116.14 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051900.D

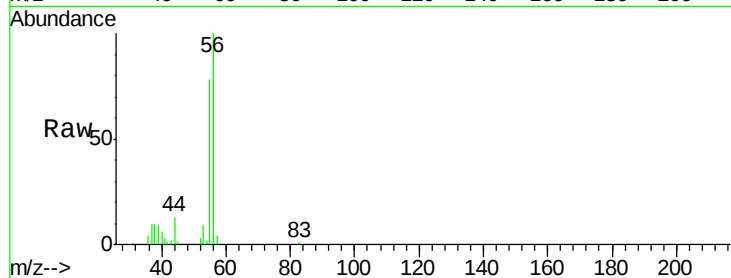
Acq: 17 Oct 2018 9:46

Tot Ion: 56 Resp: 34792

Ion Ratio Lower Upper

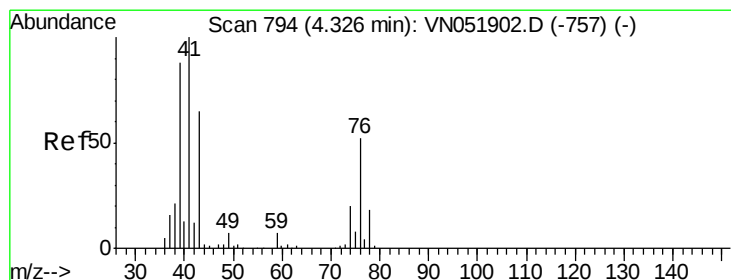
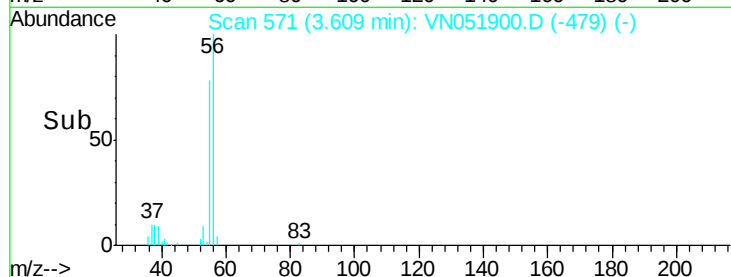
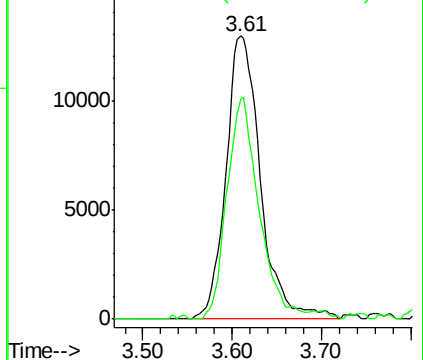
56 100

55 71.3 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN051902.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN051902.D (-552) (-)



#14

Allyl chloride

Concen: 19.67 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.01 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

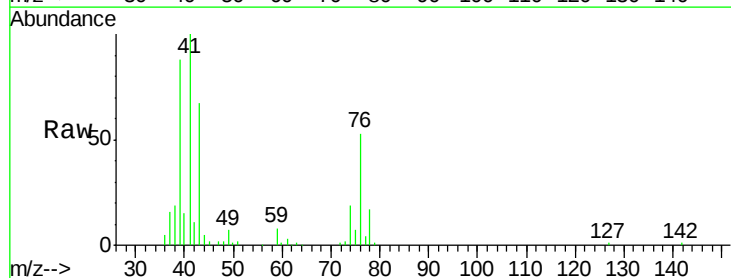
Tgt Ion: 41 Resp: 144494

Ion Ratio Lower Upper

41 100

39 85.1 50.2 75.2#

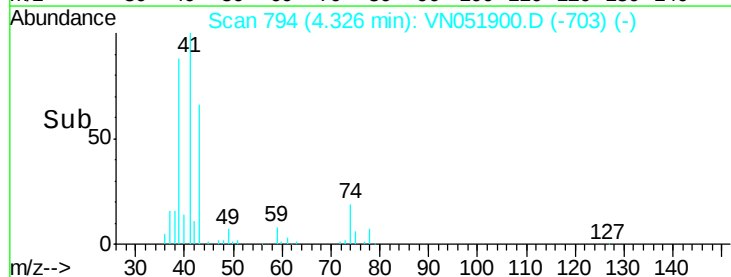
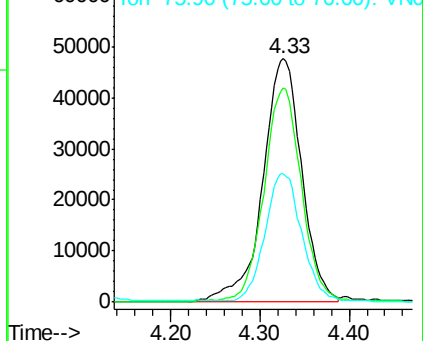
76 48.7 29.8 44.8#

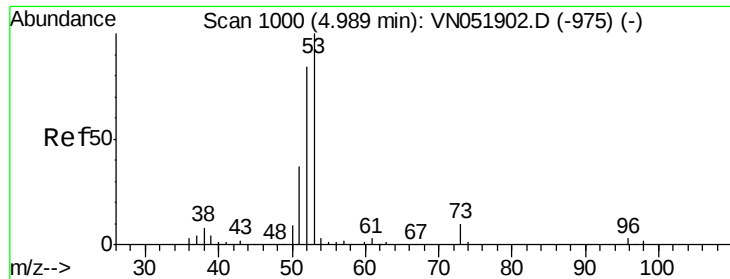


Abundance Ion 41.00 (40.70 to 41.70): VN051902.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN051902.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN051902.D (-757) (-)





#15

Acrylonitrile

Concen: 107.68 ug/l

RT: 4.99 min Scan# 1001

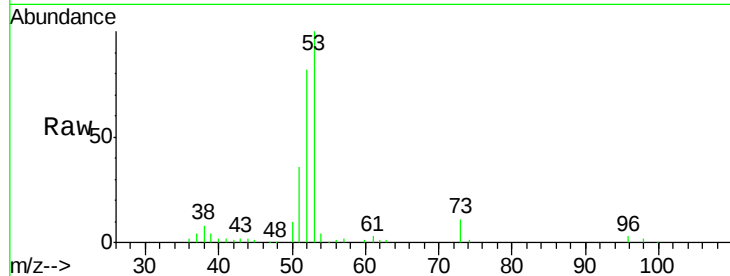
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tot Ion: 53 Resp: 183870

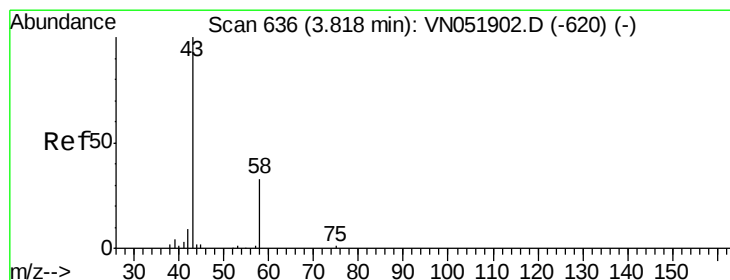
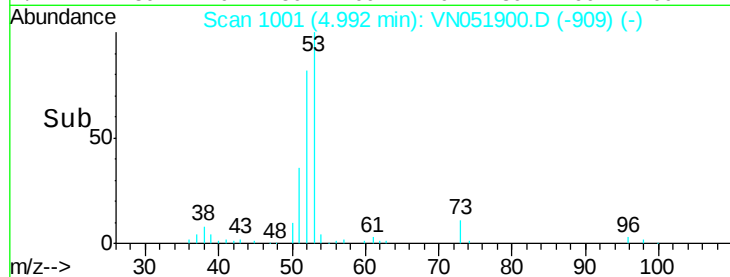
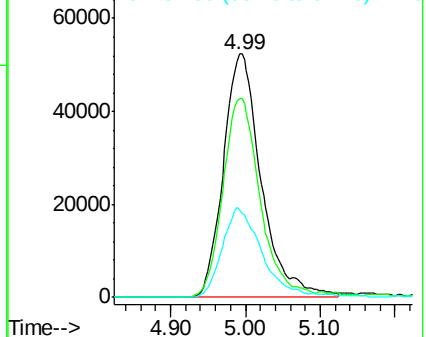
Ion	Ratio	Lower	Upper
53	100		
52	80.1	65.9	98.9
51	38.7	28.6	43.0



Abundance Ion 53.00 (52.70 to 53.70): VN051902.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN051902.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN051902.D (-975) (-)



#16

Acetone

Concen: 90.48 ug/l

RT: 3.82 min Scan# 637

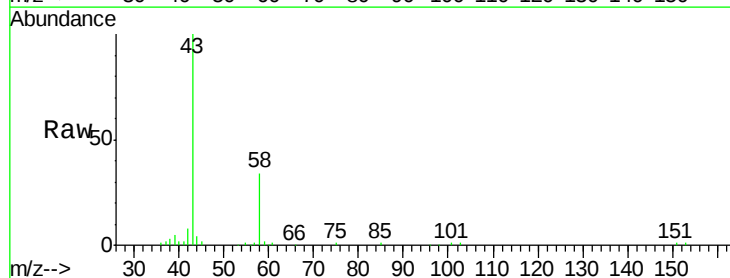
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

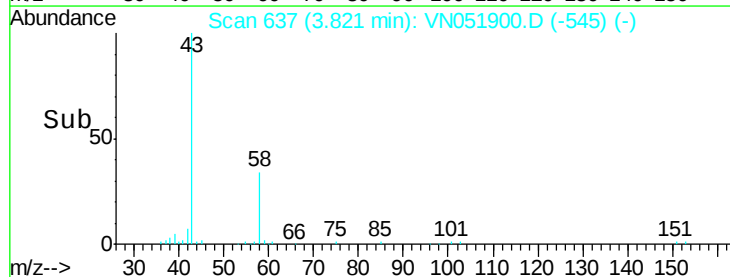
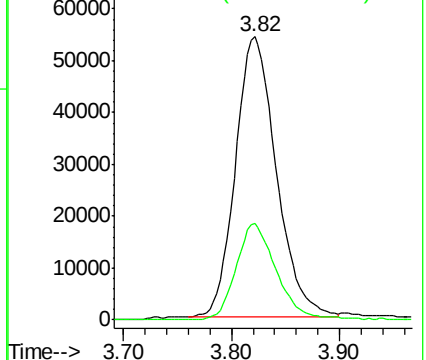
Tgt Ion: 43 Resp: 142214

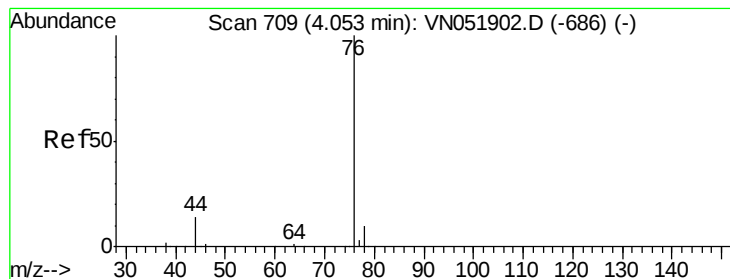
Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.2	40.8



Abundance Ion 43.00 (42.70 to 43.70): VN051902.D (-620) (-)

Ion 58.00 (57.70 to 58.70): VN051902.D (-620) (-)





#17

Carbon Disulfide

Concen: 18.72 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN051900.D

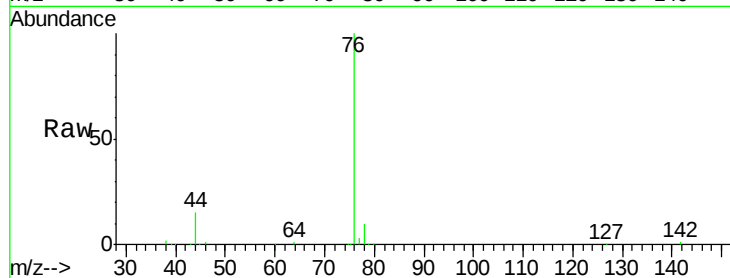
Acq: 17 Oct 2018 9:46

Tot Ion: 76 Resp: 295386

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN051902.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN051902.D (-686) (-)

4.06

120000

100000

80000

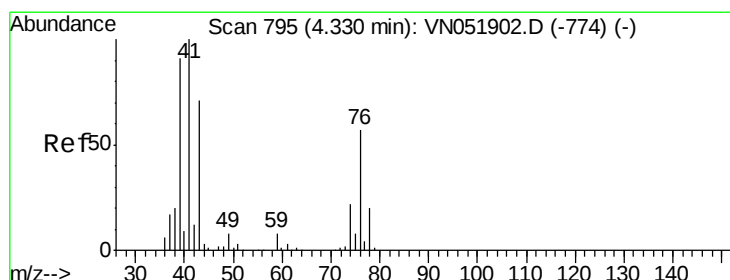
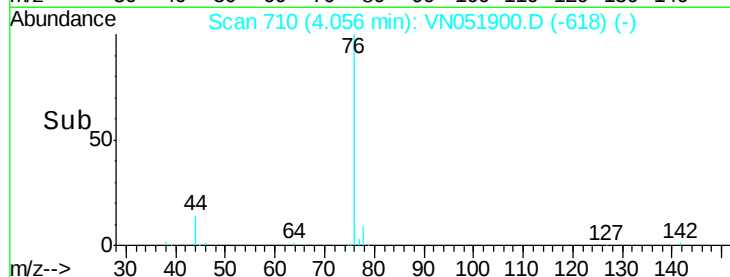
60000

40000

20000

0

Time--> 3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 21.89 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN051900.D

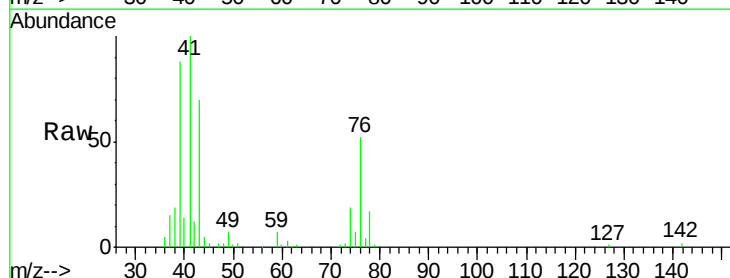
Acq: 17 Oct 2018 9:46

Tgt Ion: 43 Resp: 90905

Ion Ratio Lower Upper

43 100

74 30.0 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051902.D (-774) (-)

Ion 74.00 (73.70 to 74.70): VN051902.D (-774) (-)

4.33

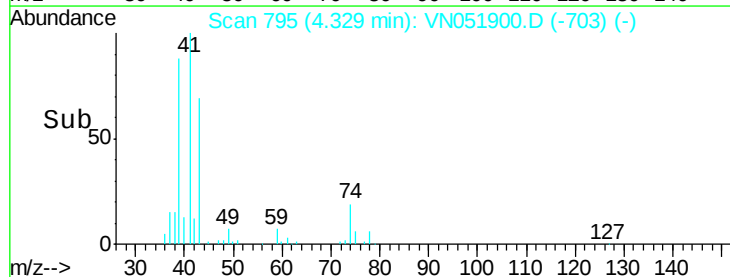
30000

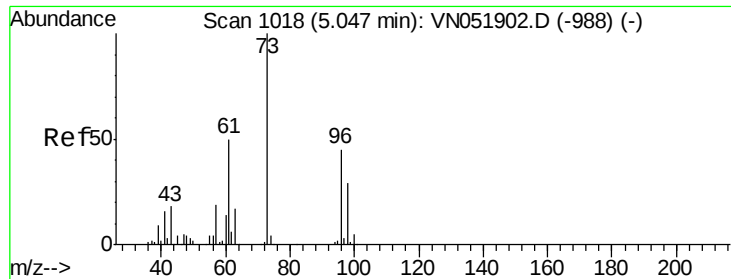
20000

10000

0

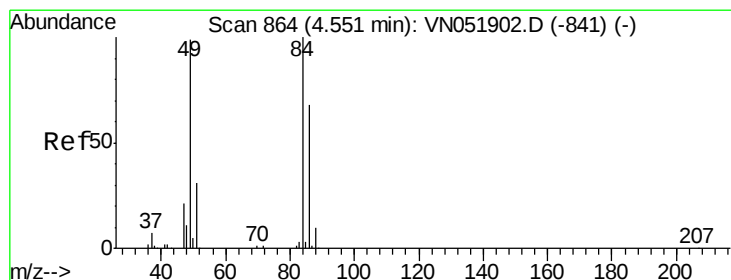
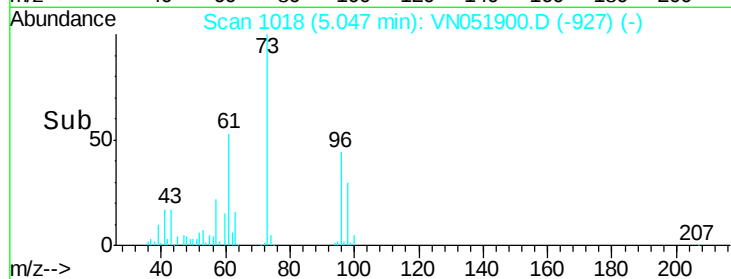
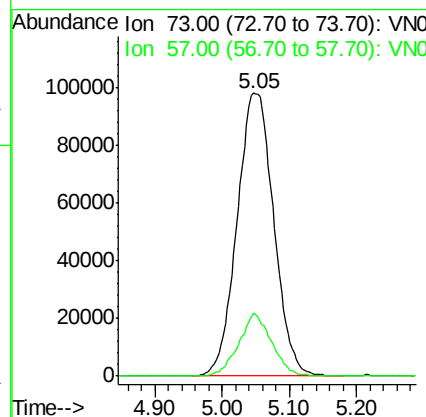
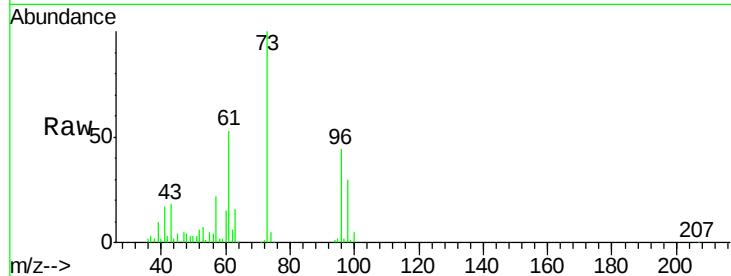
Time--> 4.30 4.40





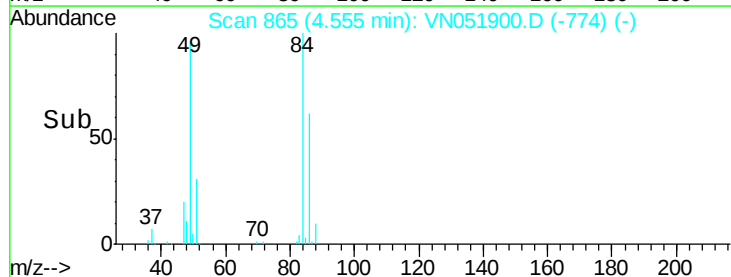
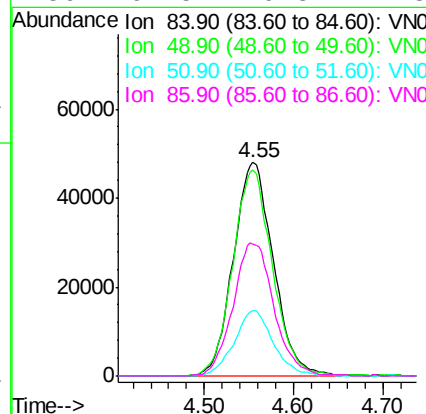
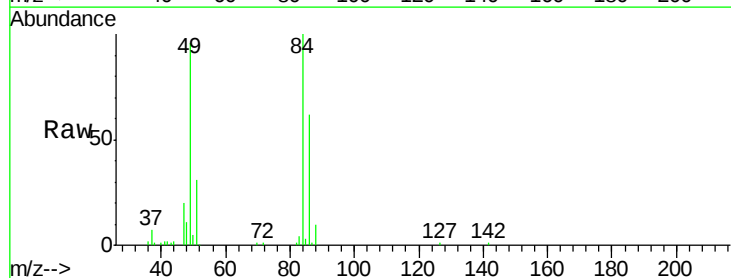
#19
Methvl tert-butvl Ether
Concen: 20.67 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

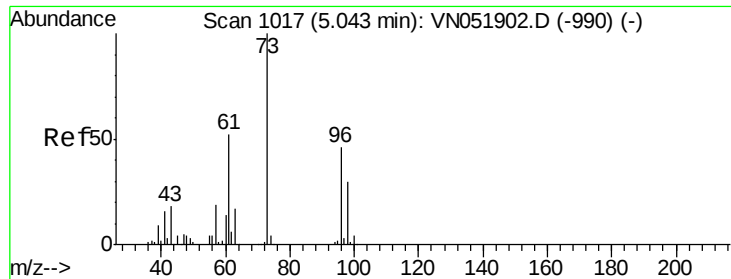
Tot Ion: 73 Resp: 371969
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8



#20
Methylene Chloride
Concen: 21.26 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.01 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion: 84 Resp: 149047
Ion Ratio Lower Upper
84 100
49 96.0 93.2 139.8
51 30.8 29.0 43.6
86 61.5 49.8 74.8

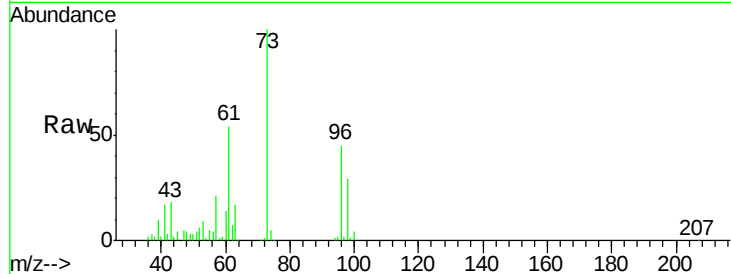




#21

trans-1,2-Dichloroethene
Concen: 20.01 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.9	107.4	161.0
98	64.4	50.7	76.1

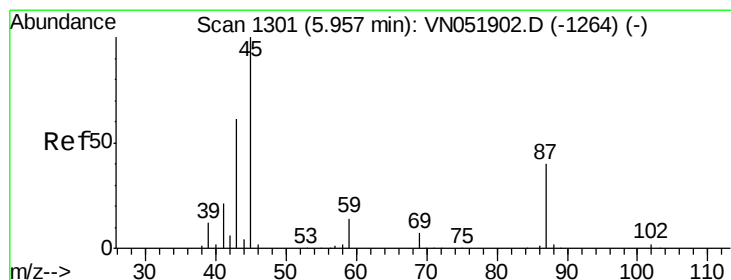
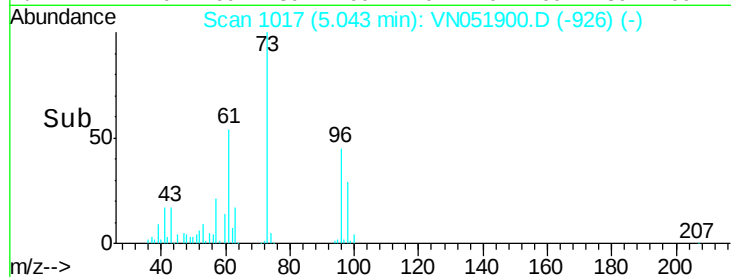
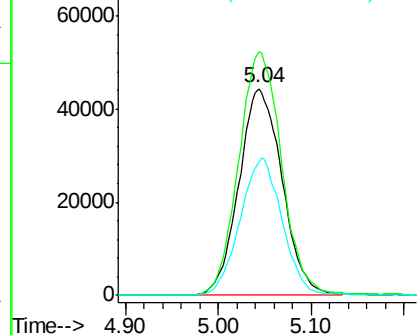


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

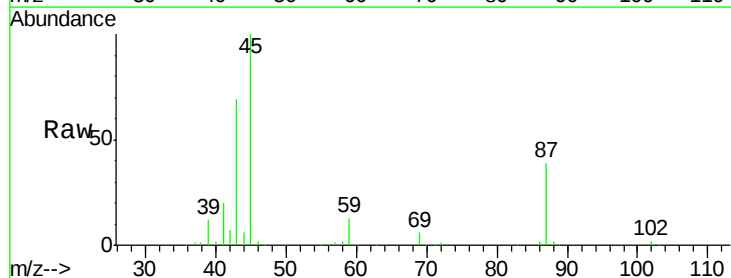
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether
Concen: 20.24 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.2	45.9	68.9
87	38.9	22.7	34.1#
59	12.7	9.3	13.9



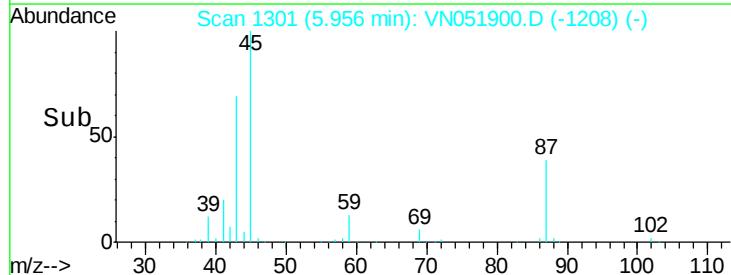
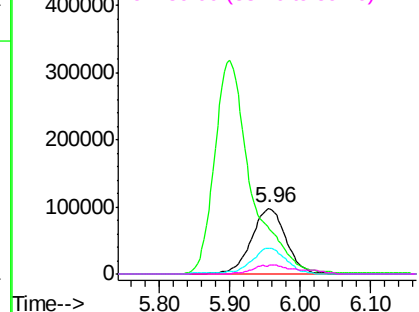
Abundance

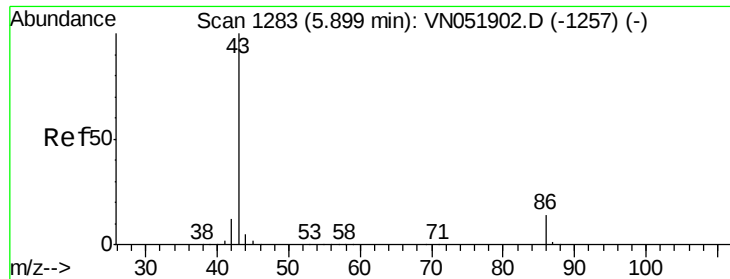
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

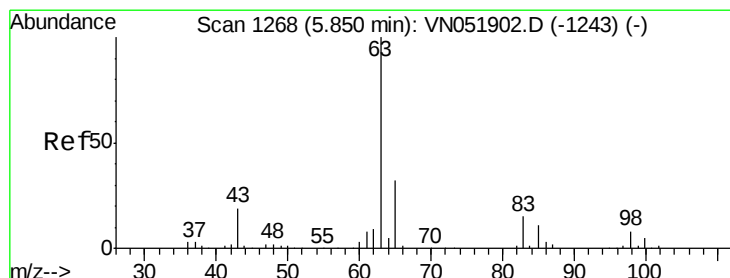
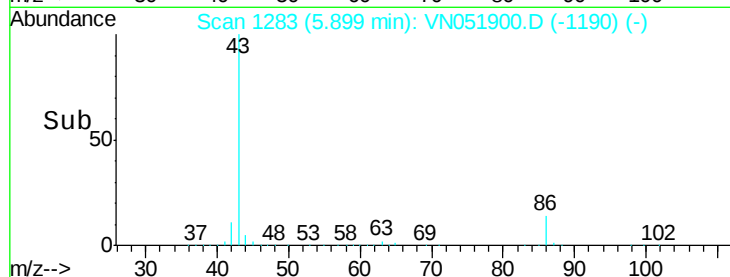
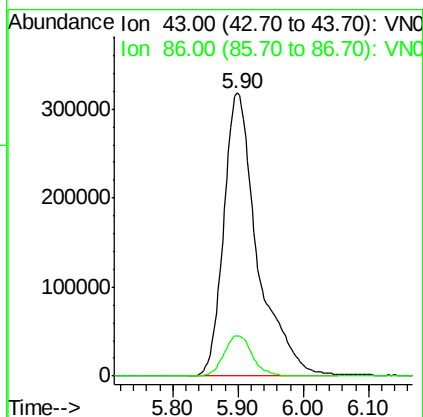
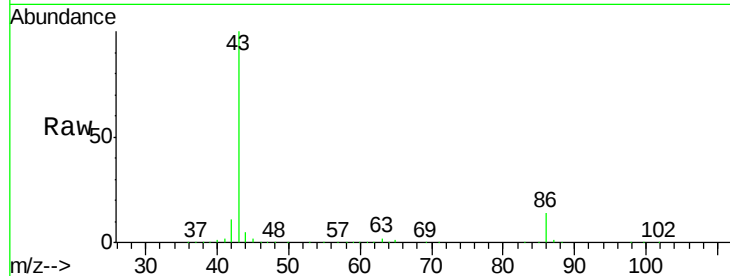
Ion 59.00 (58.70 to 59.70): VN0





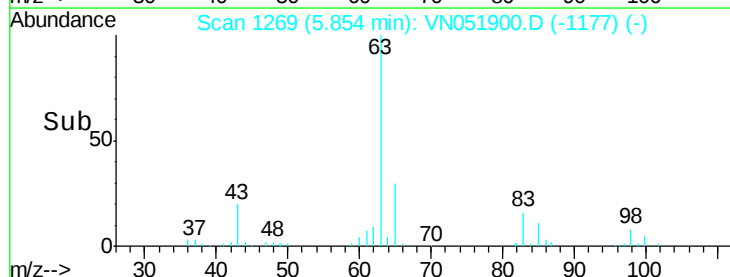
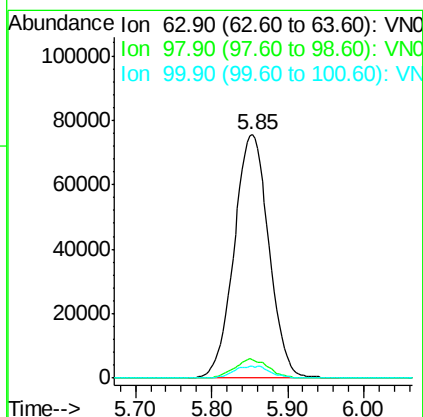
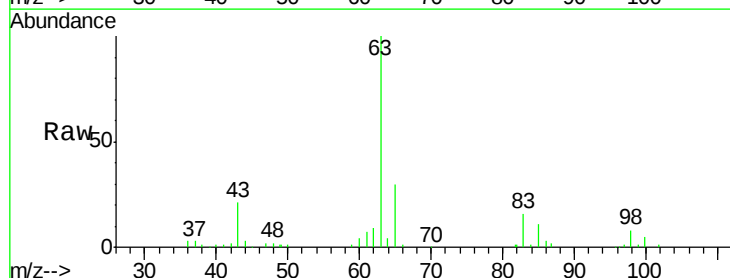
#23
 Vinyl Acetate
 Concen: 100.16 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

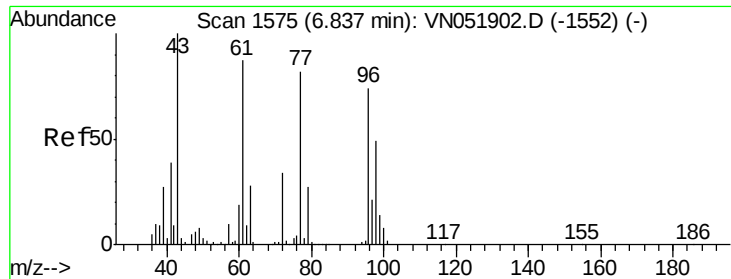
Tot Ion: 43 Resp: 1142901
 Ion Ratio Lower Upper
 43 100
 86 14.3 8.7 13.1#



#24
 1,1-Dichloroethane
 Concen: 20.58 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion: 63 Resp: 239947
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 99.87 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN051900.D

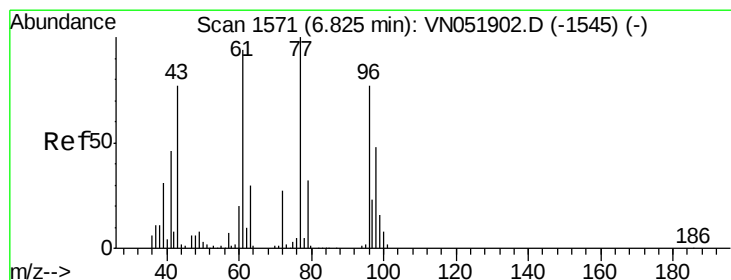
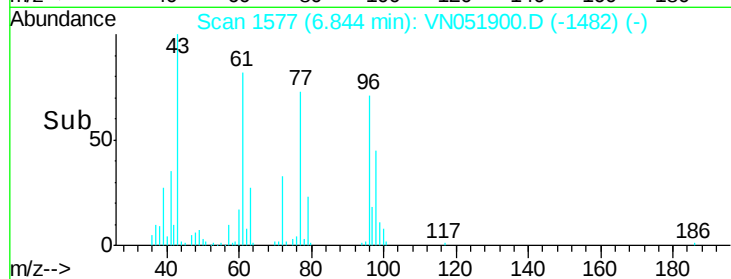
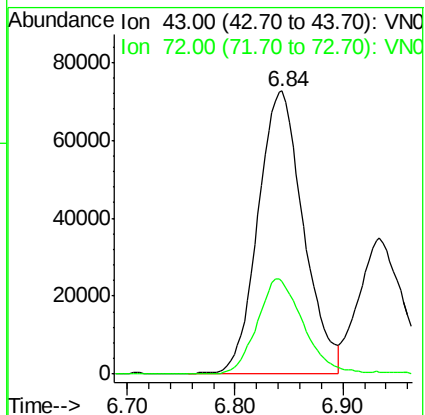
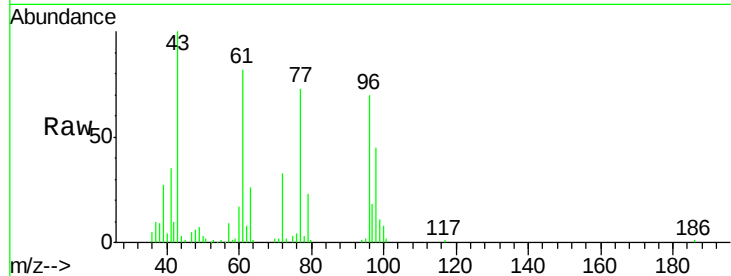
Acq: 17 Oct 2018 9:46

Tot Ion: 43 Resp: 210849

Ion Ratio Lower Upper

43 100

72 32.8 22.3 33.5



#26

2,2-Dichloropropane

Concen: 19.44 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051900.D

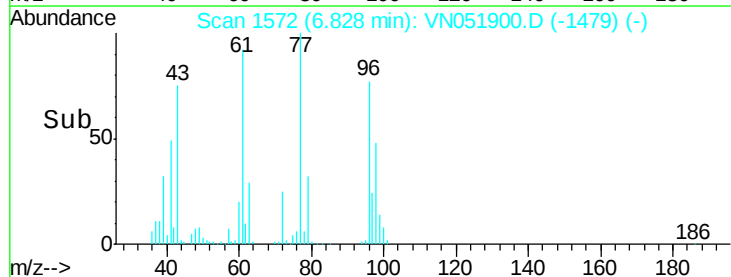
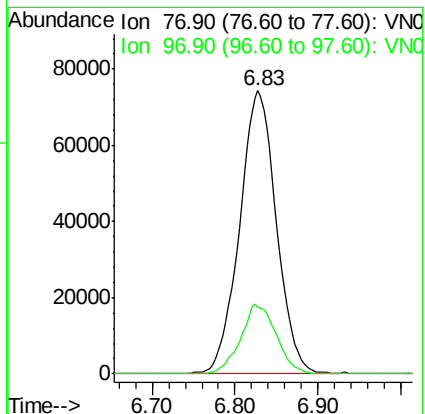
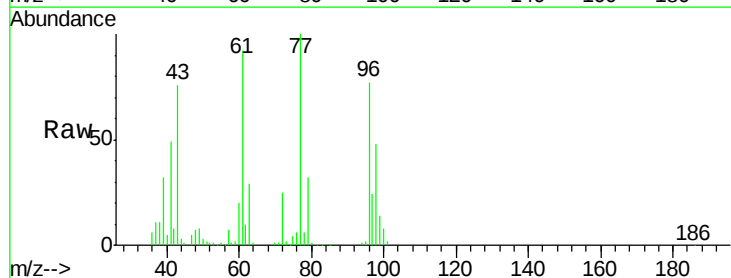
Acq: 17 Oct 2018 9:46

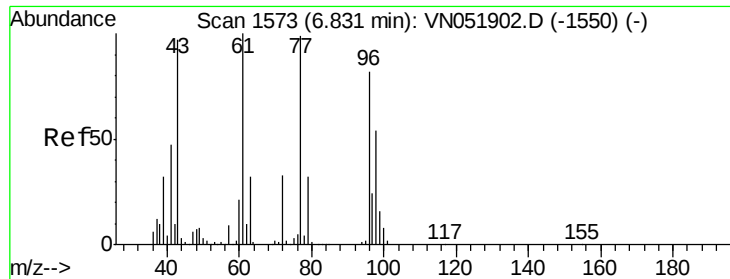
Tgt Ion: 77 Resp: 228523

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.48 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

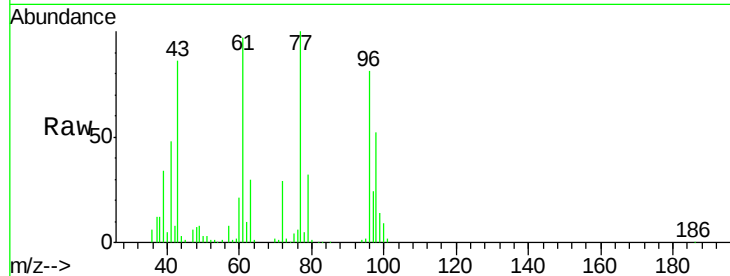
Tot Ion: 96 Resp: 174384

Ion Ratio Lower Upper

96 100

61 120.3 0.0 283.4

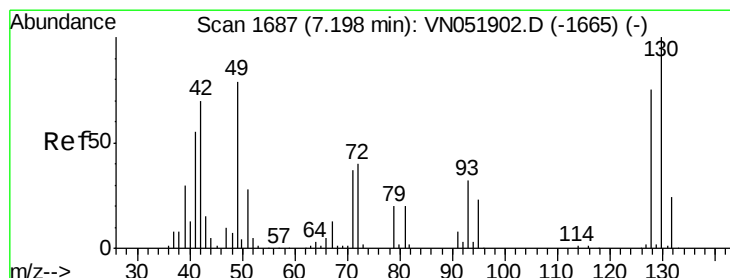
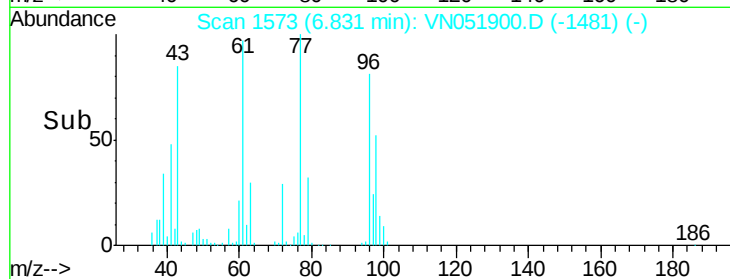
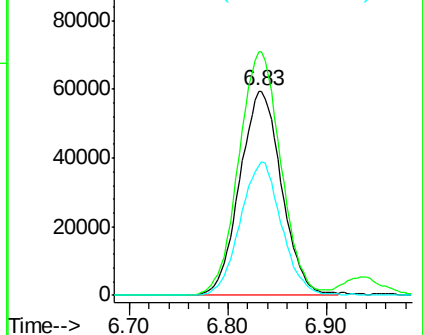
98 64.3 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN051902.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN051902.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN051902.D (-1550) (-)



#28

Bromochloromethane

Concen: 20.42 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

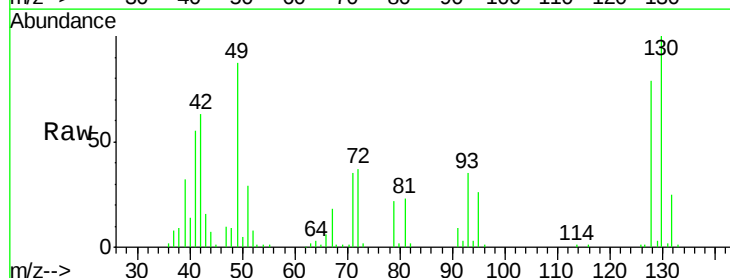
Tgt Ion: 49 Resp: 96333

Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.2

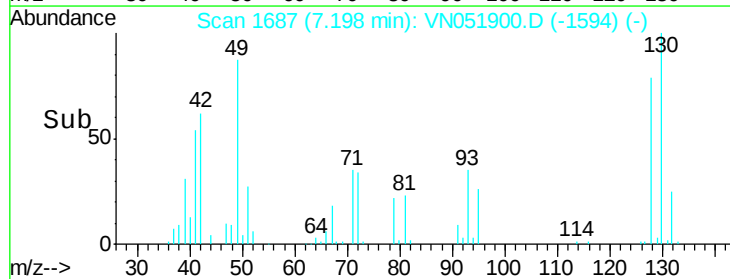
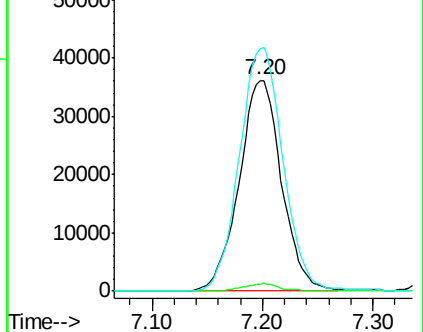
130 118.7 67.1 100.7#

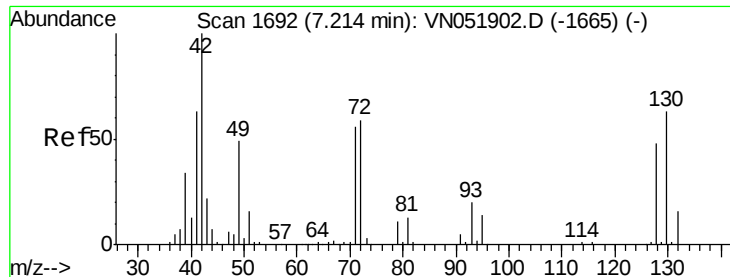


Abundance Ion 48.90 (48.60 to 49.60): VN051902.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN051902.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN051902.D (-1665) (-)





#29

Tetrahydrofuran

Concen: 107.40 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

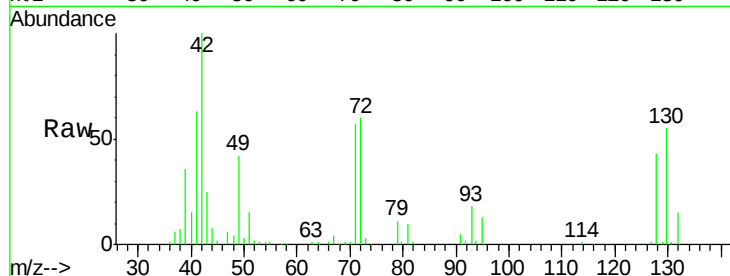
Tot Ion: 42 Resp: 128741

Ion Ratio Lower Upper

42 100

72 59.8 35.5 53.3#

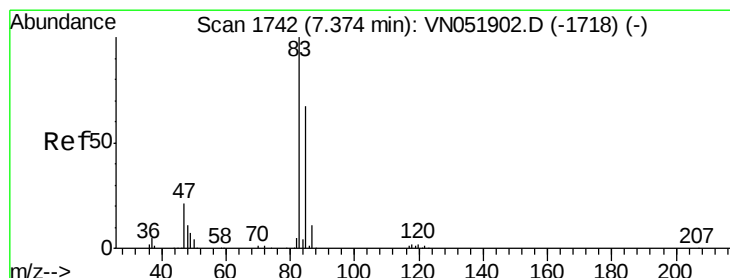
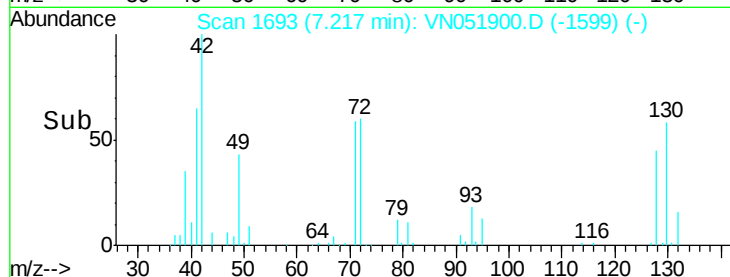
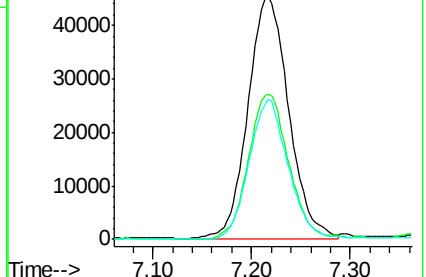
71 55.5 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN051902.D (-1665) (-)

Ion 72.00 (71.70 to 72.70): VN051902.D (-1665) (-)

Ion 71.00 (70.70 to 71.70): VN051902.D (-1665) (-)



#30

Chloroform

Concen: 20.31 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN051900.D

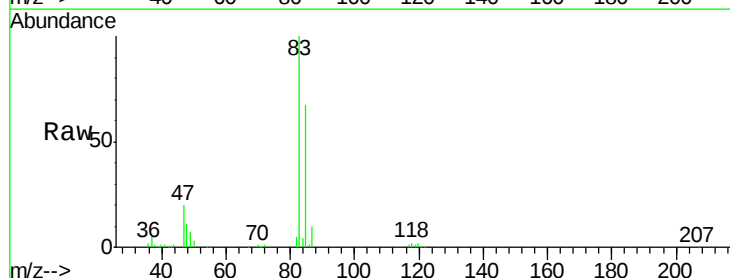
Acq: 17 Oct 2018 9:46

Tgt Ion: 83 Resp: 285914

Ion Ratio Lower Upper

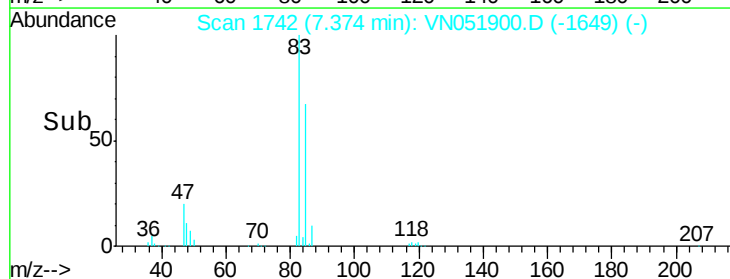
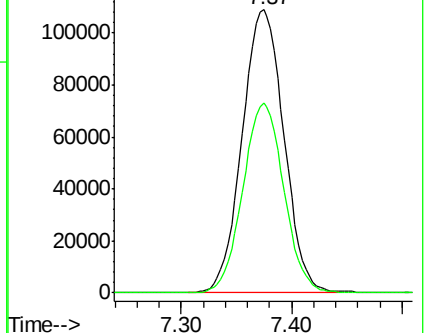
83 100

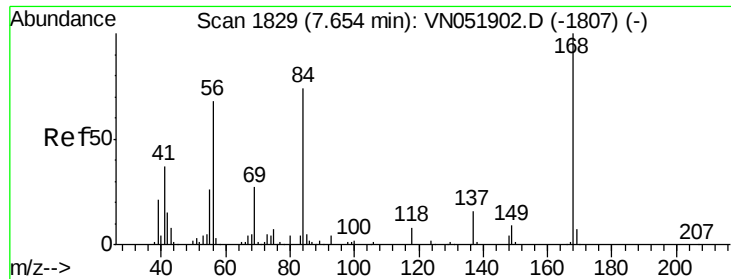
85 67.0 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN051902.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN051902.D (-1718) (-)





#31

Cyclohexane

Concen: 20.51 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

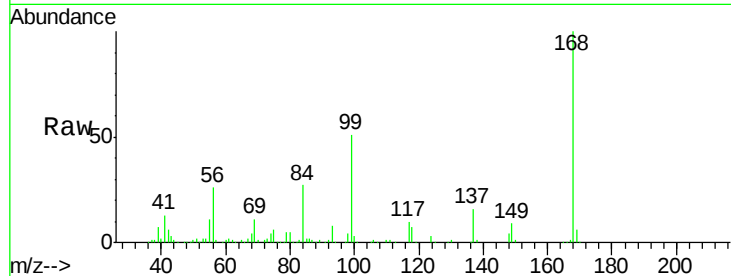
Tot Ion: 56 Resp: 203452

Ion Ratio Lower Upper

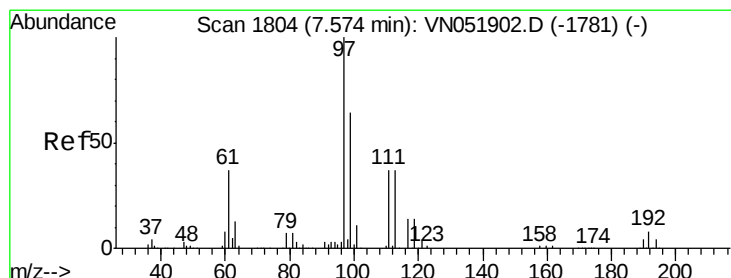
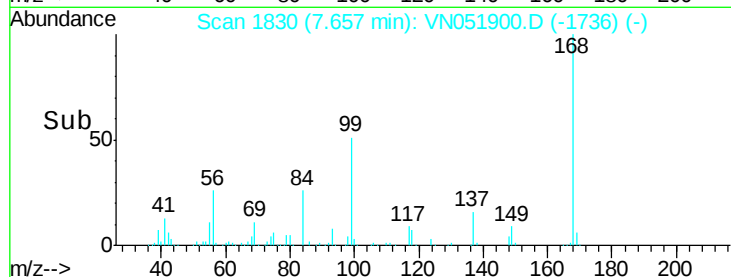
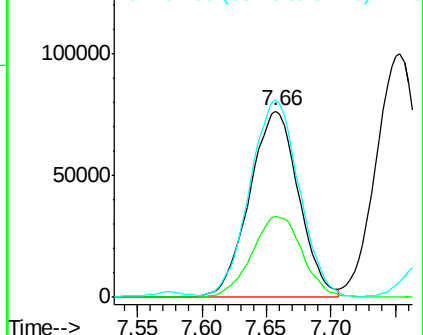
56 100

69 43.3 26.2 39.4#

84 104.5 68.3 102.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.69 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

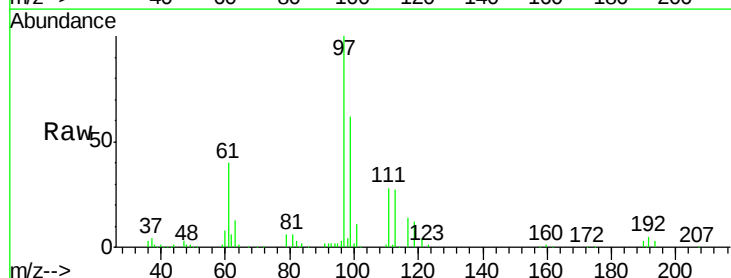
Tgt Ion: 97 Resp: 261152

Ion Ratio Lower Upper

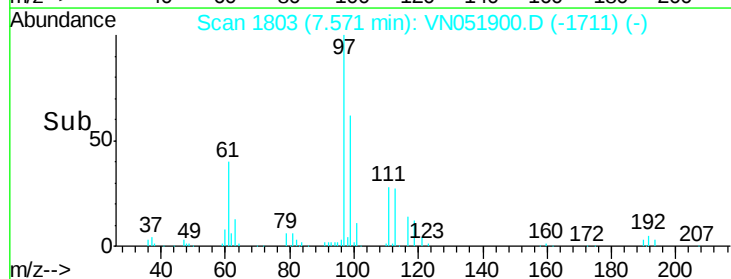
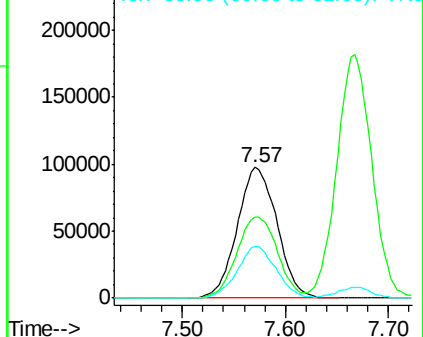
97 100

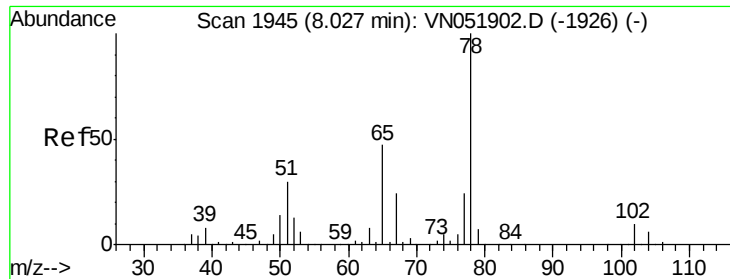
99 63.9 51.8 77.6

61 38.9 34.9 52.3



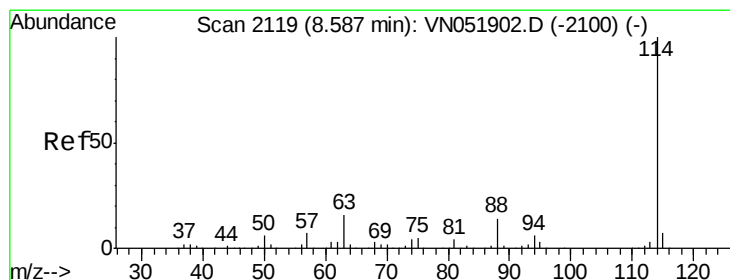
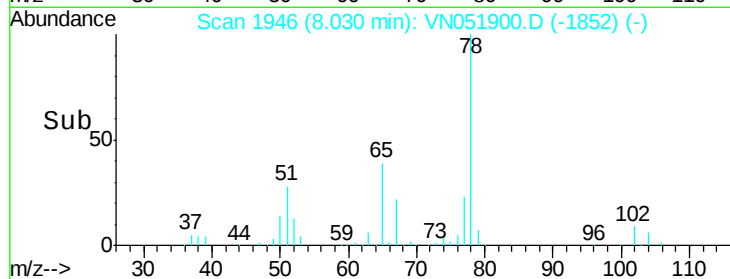
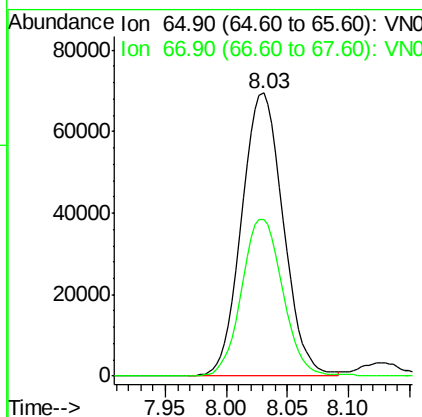
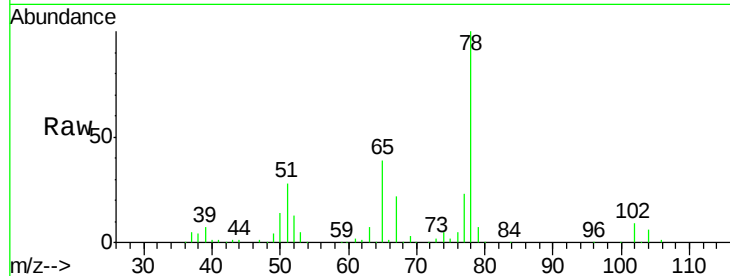
Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





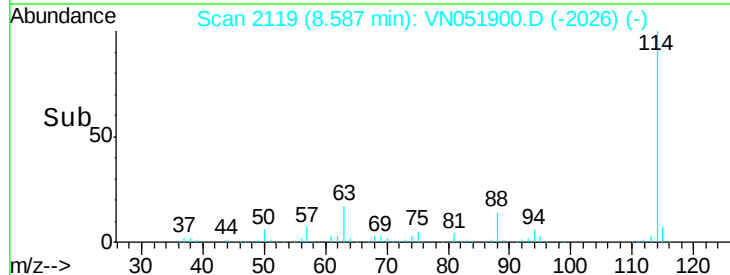
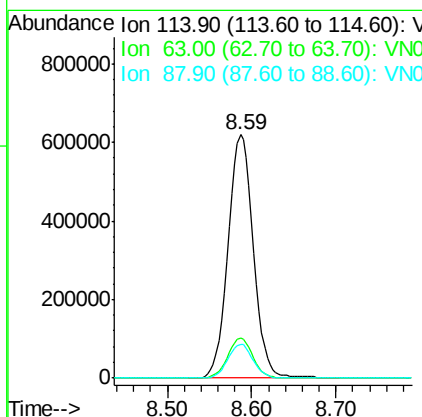
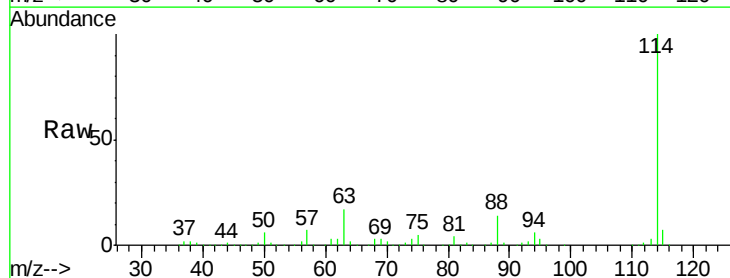
#33
 1,2-Dichloroethane-d4
 Concen: 19.69 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

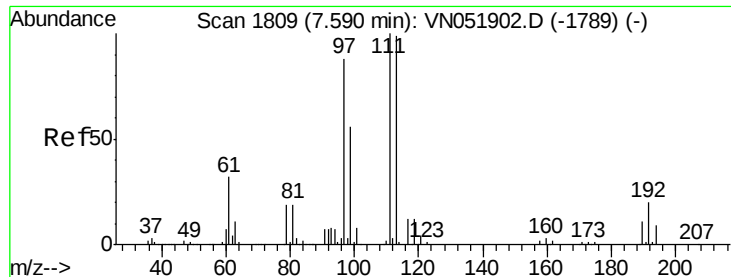
Tot Ion: 65 Resp: 164028
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion: 114 Resp: 1291574
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 38.6
 88 13.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

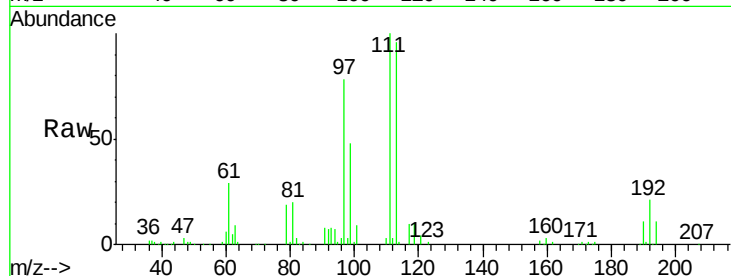
Tot Ion:113 Resp: 162731

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

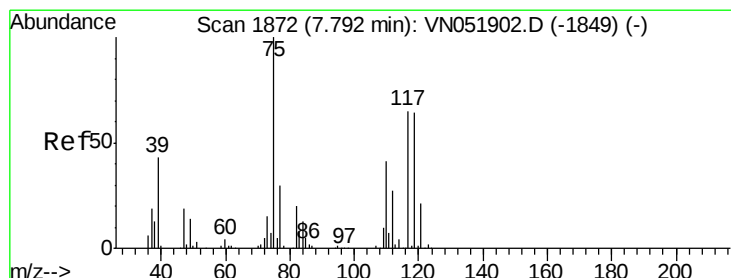
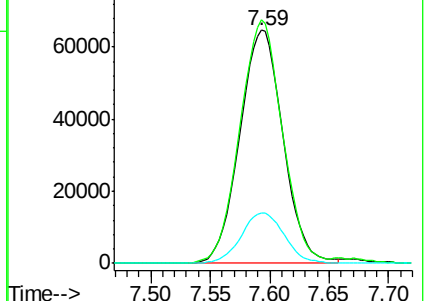
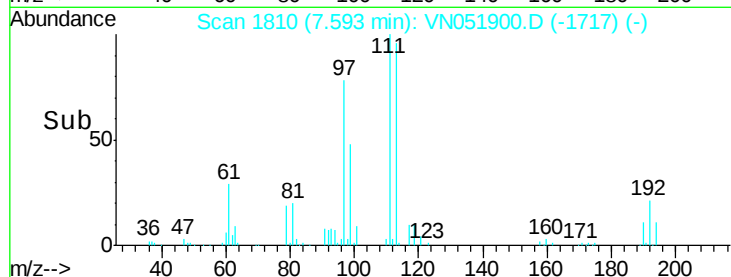
192 21.5 18.0 27.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.88 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

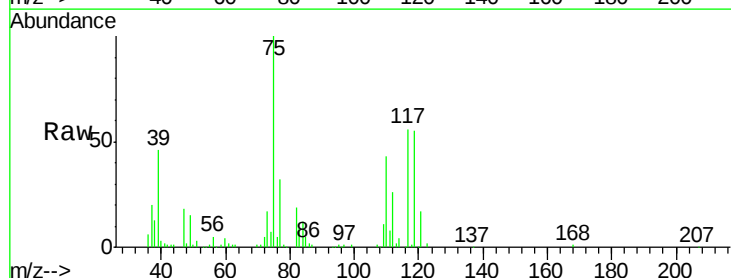
Tgt Ion: 75 Resp: 194989

Ion Ratio Lower Upper

75 100

110 42.0 18.1 54.4

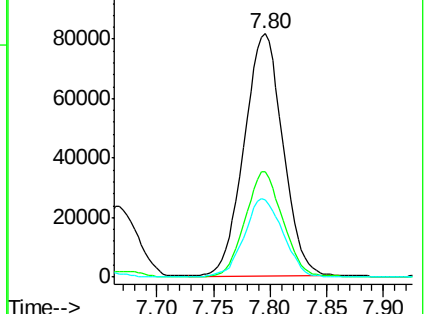
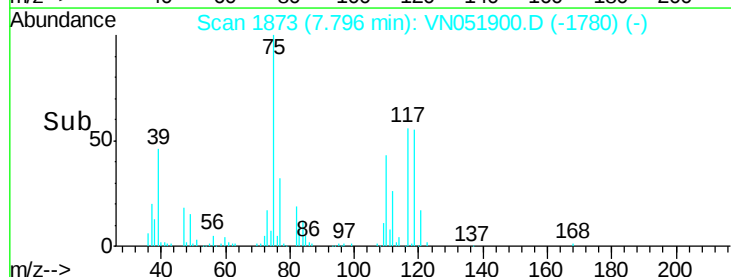
77 32.4 24.8 37.2

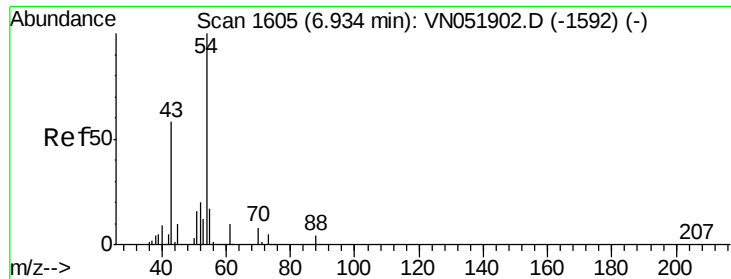


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

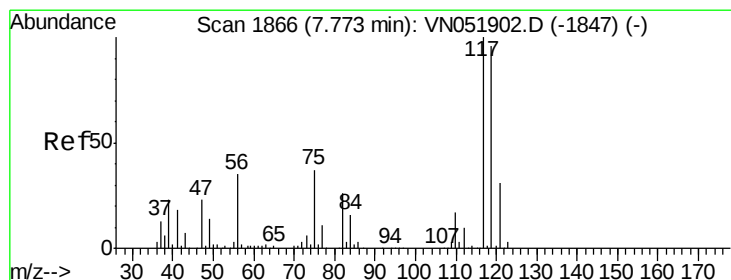
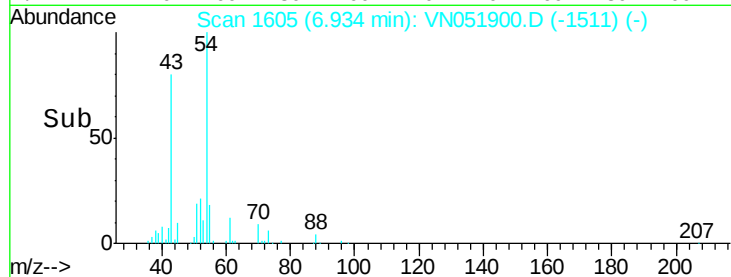
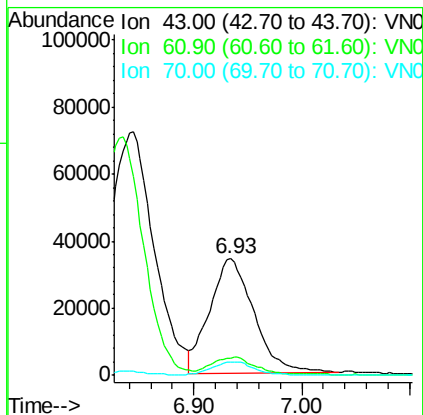
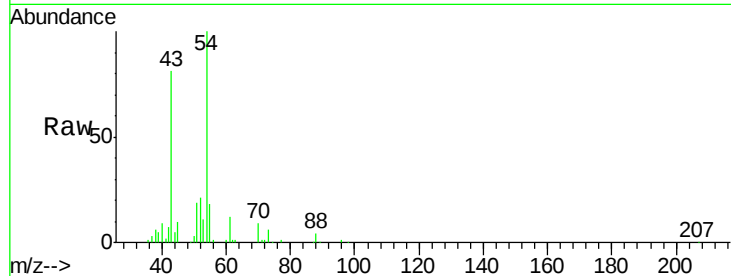
Ion 76.90 (76.60 to 77.60): V





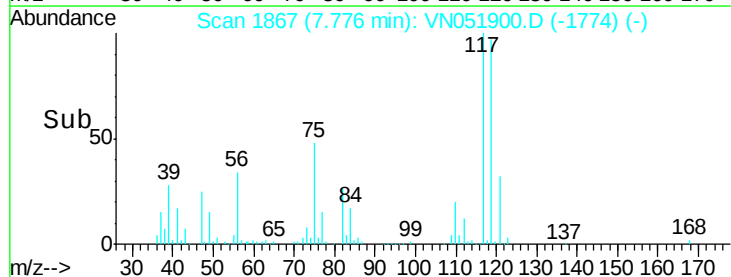
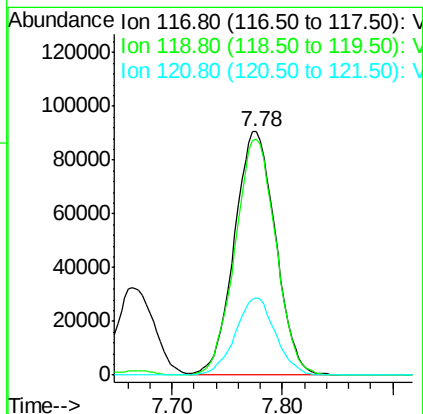
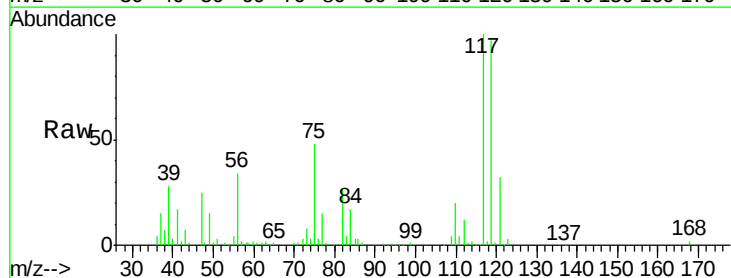
#37
Ethyl Acetate
Concen: 20.90 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

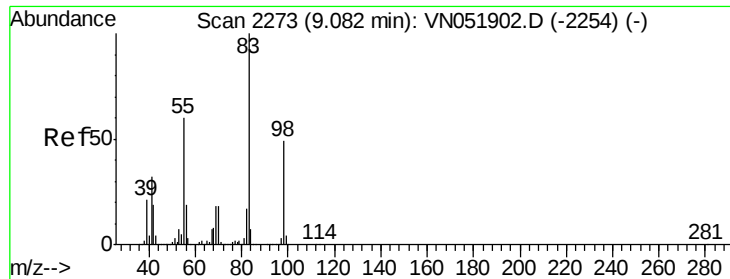
Tot Ion	43	Resp	96980
Ion Ratio	100		
Lower	12.0		
Upper	18.0		
61	14.1		
70	11.8		
8.6			
13.0			



#38
Carbon Tetrachloride
Concen: 18.77 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

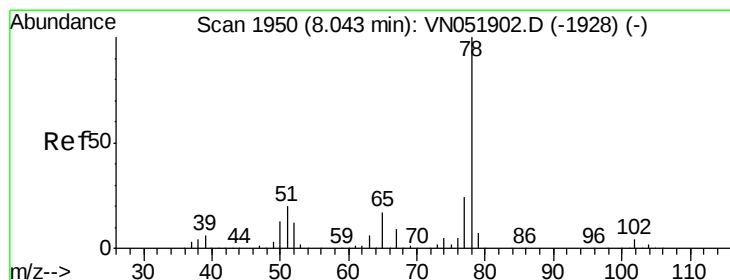
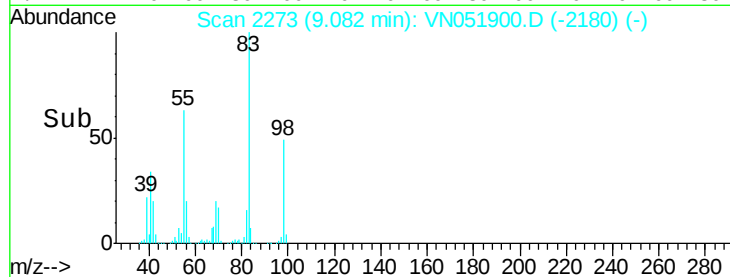
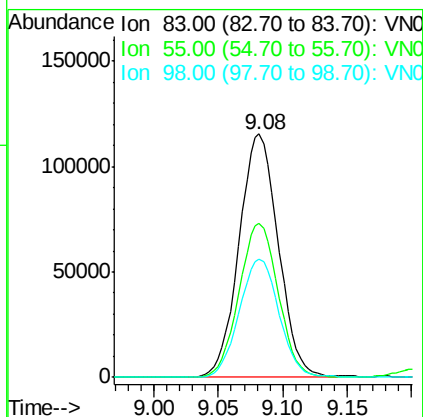
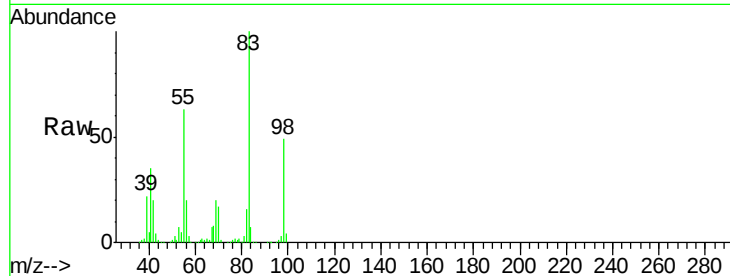
Tgt Ion	117	Resp	233119
Ion Ratio	100		
Lower	76.3		
Upper	114.5		
119	97.0		
121	31.6		
24.6			
36.8			





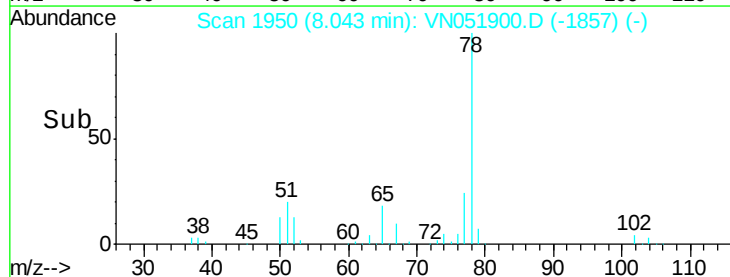
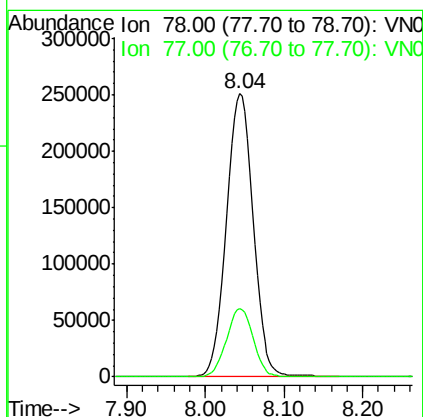
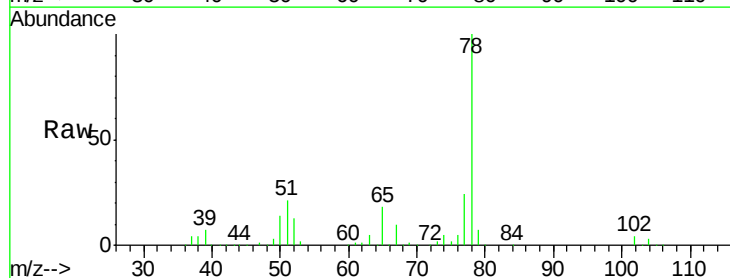
#39
Methvlcvclohexane
Concen: 18.40 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

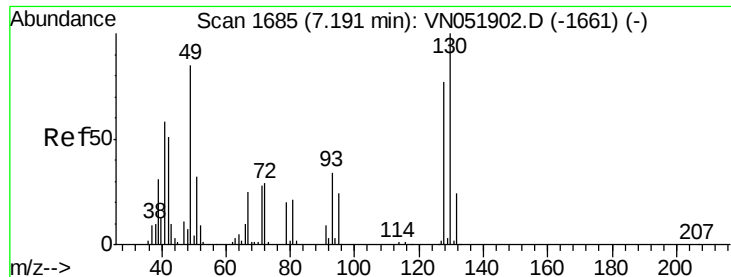
Tot Ion	83	Resp	245451
Ion Ratio	Lower	Upper	
83	100		
55	63.2	61.0	91.4
98	48.7	37.5	56.3



#40
Benzene
Concen: 19.37 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion	78	Resp	593967
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.0	28.4





#41

Methacrylonitrile

Concen: 18.92 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tot Ion: 41 Resp: 42825

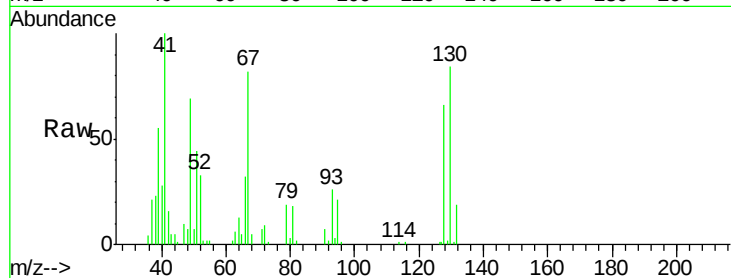
Ion Ratio Lower Upper

41 100

39 0.0 45.4 68.0#

67 113.5 70.6 106.0#

52 48.8 27.1 40.7#

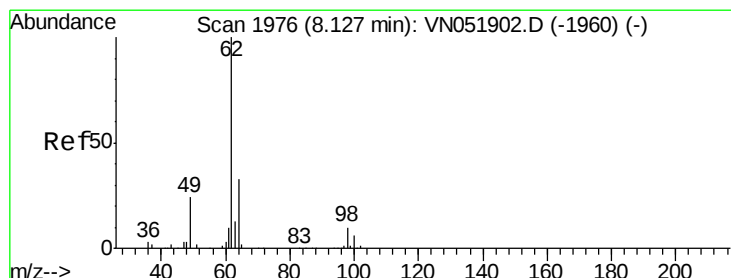
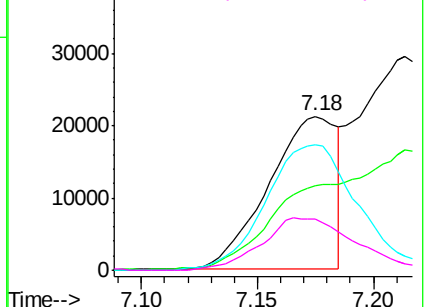
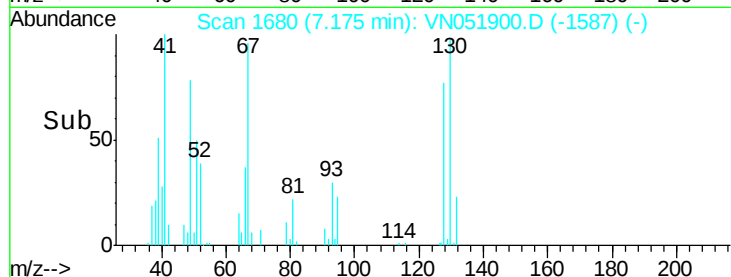


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 19.72 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN051900.D

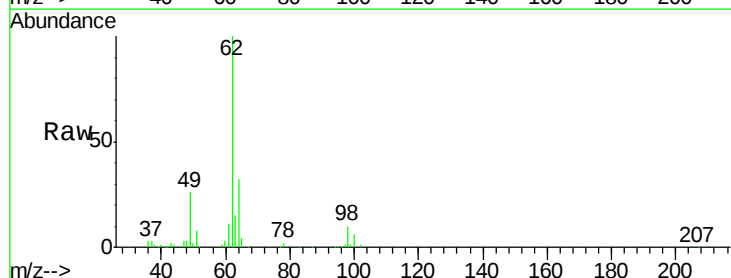
Acq: 17 Oct 2018 9:46

Tgt Ion: 62 Resp: 191558

Ion Ratio Lower Upper

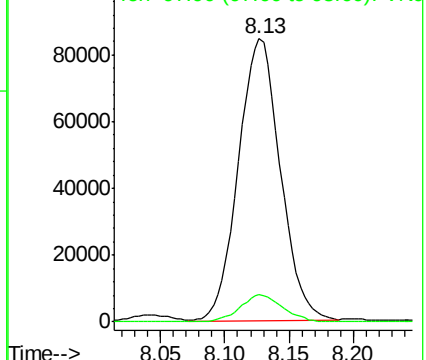
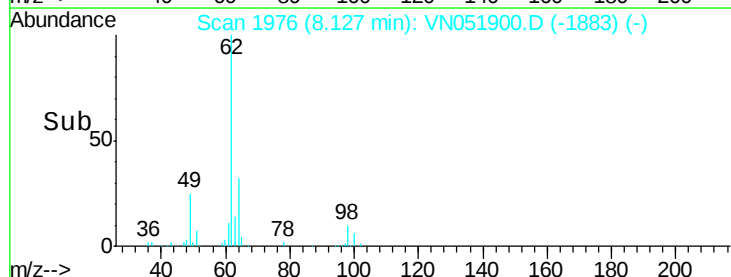
62 100

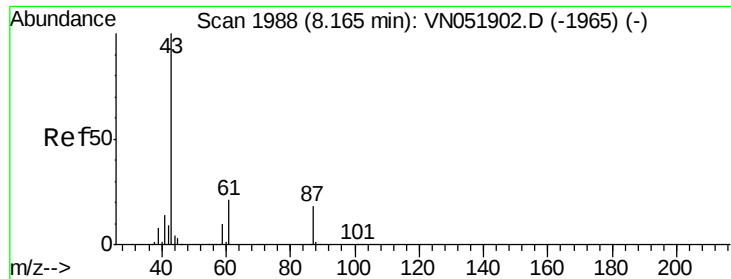
98 9.7 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 20.10 ug/l

RT: 8.17 min Scan# 1988

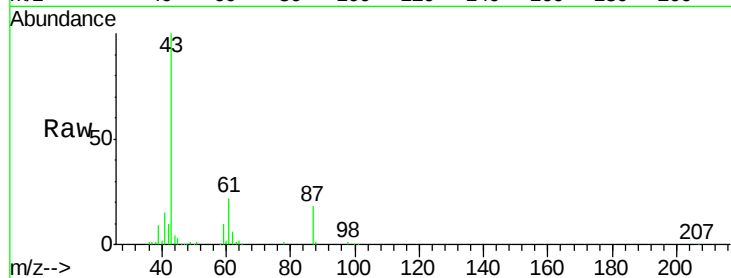
Delta R.T. -0.00 min

Lab File: VN051900.D

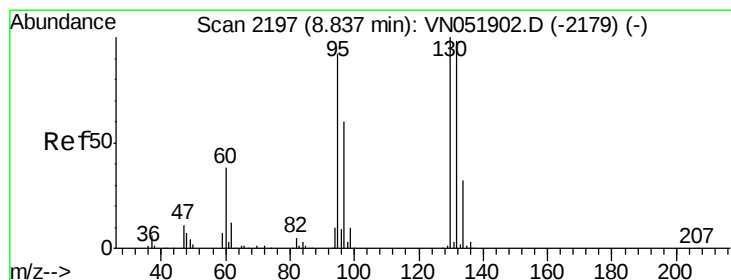
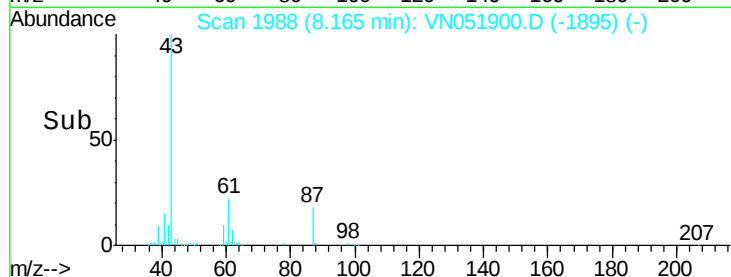
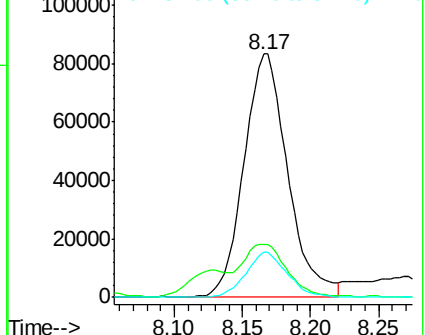
Acq: 17 Oct 2018 9:46

Tot Ion: 43 Resp: 185095

Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.5	26.3
87	17.5	11.3	16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051900.D (-1895) (-)



#44

Trichloroethene

Concen: 19.21 ug/l

RT: 8.84 min Scan# 2197

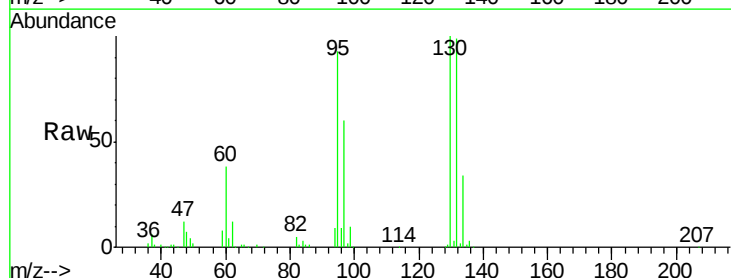
Delta R.T. -0.00 min

Lab File: VN051900.D

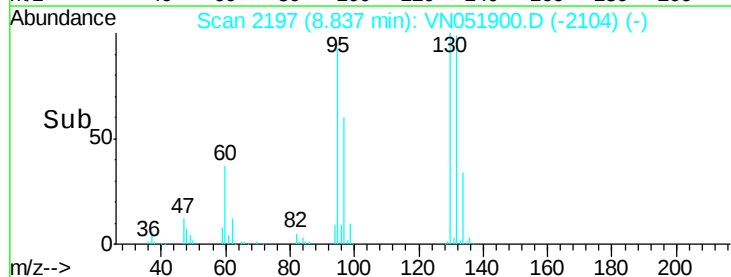
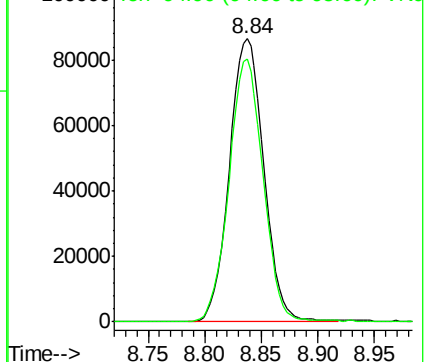
Acq: 17 Oct 2018 9:46

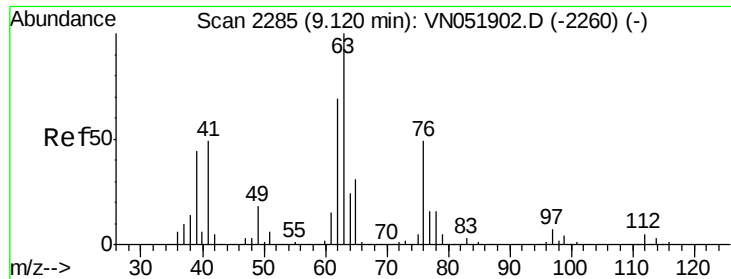
Tgt Ion: 130 Resp: 183904

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): VN051900.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 19.37 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051900.D

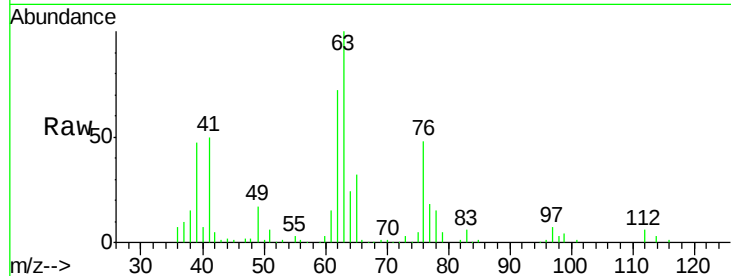
Acq: 17 Oct 2018 9:46

Tot Ion: 63 Resp: 137339

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN051900.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN051900.D (-2192) (-)

9.12

60000

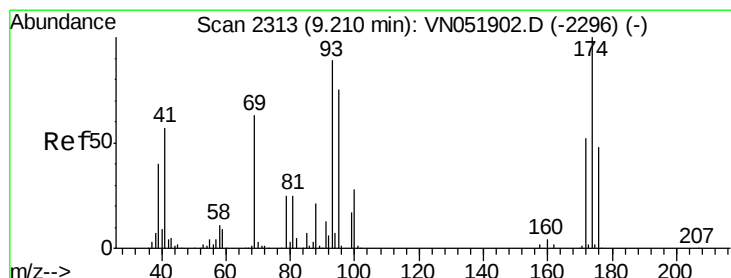
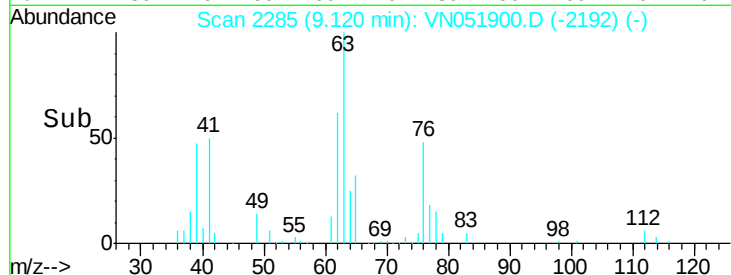
40000

20000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 19.66 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

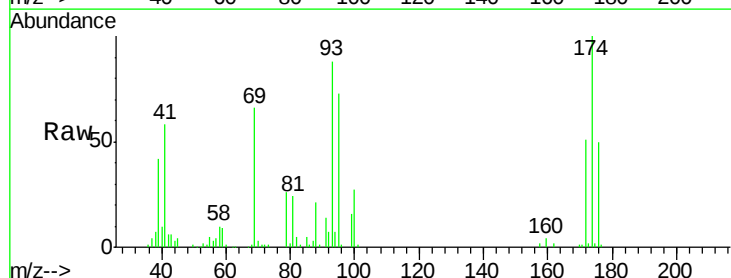
Tgt Ion: 93 Resp: 104682

Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 114.6 89.8 134.6



Abundance Ion 92.80 (92.50 to 93.50): VN051900.D (-2220) (-)

Ion 94.80 (94.50 to 95.50): VN051900.D (-2220) (-)

Ion 173.70 (173.40 to 174.40): VN051900.D (-2220) (-)

9.21

80000

60000

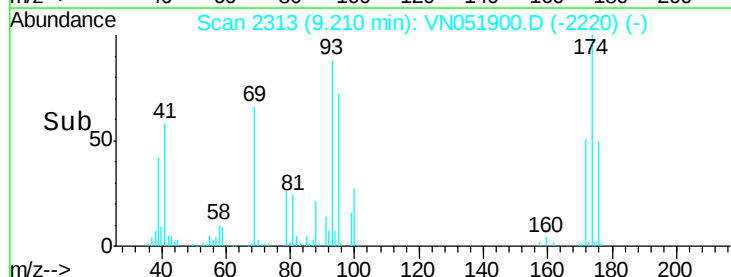
40000

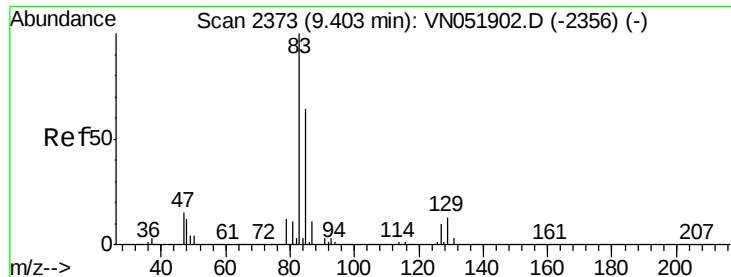
20000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 19.02 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

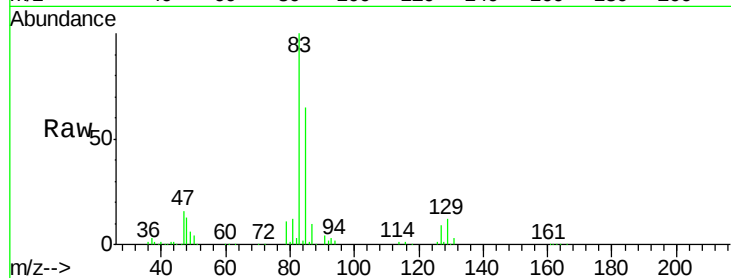
Tot Ion: 83 Resp: 212230

Ion Ratio Lower Upper

83 100

85 65.0 52.6 78.8

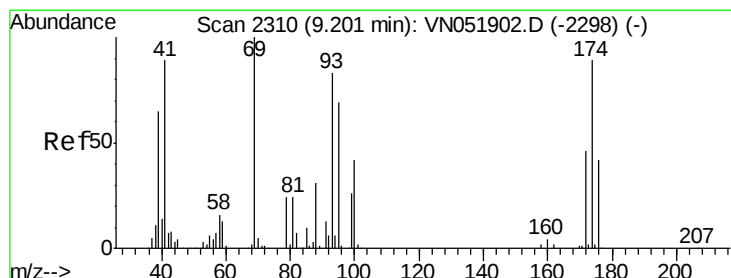
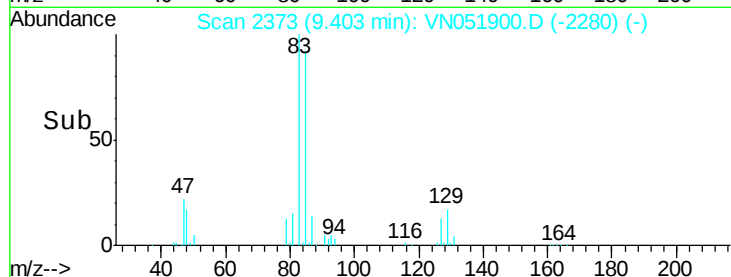
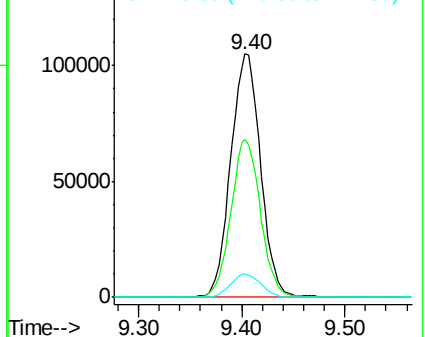
127 9.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN051900.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051900.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051900.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.74 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

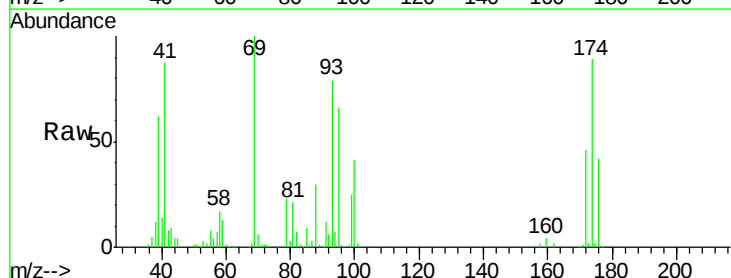
Tgt Ion: 41 Resp: 81725

Ion Ratio Lower Upper

41 100

69 118.2 74.7 112.1#

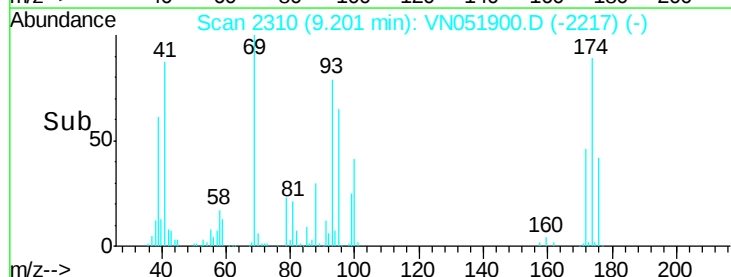
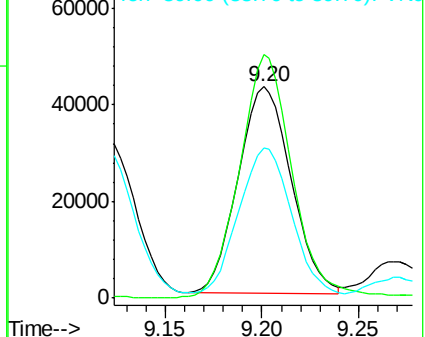
39 73.4 42.2 63.2#

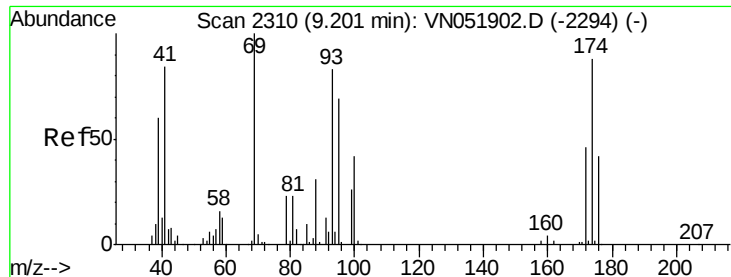


Abundance Ion 41.00 (40.70 to 41.70): VN051900.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051900.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051900.D (-2217) (-)





#49

1,4-Dioxane

Concen: 419.92 ug/l

RT: 9.20 min Scan# 2310

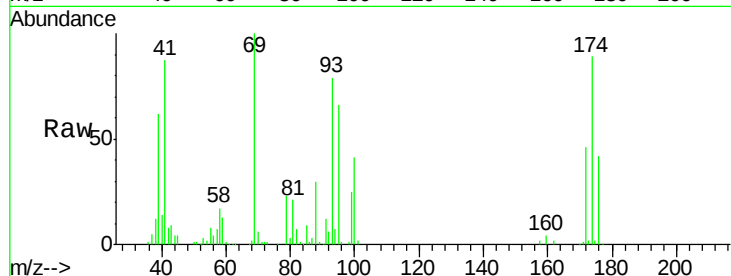
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tot Ion: 88 Resp: 31282

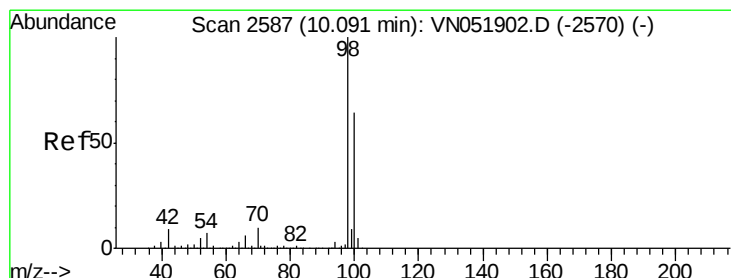
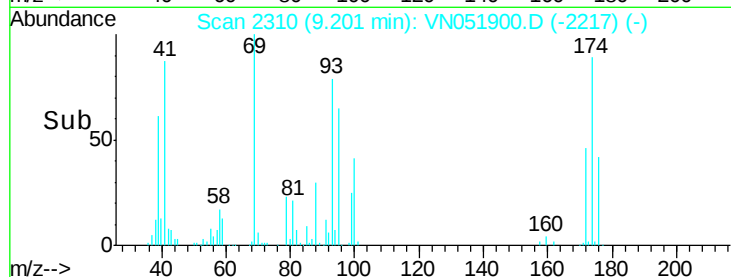
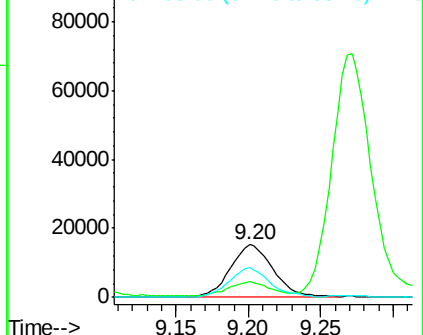
Ion	Ratio	Lower	Upper
88	100		
43	24.9	25.9	38.9#
58	53.6	55.0	82.4#



Abundance Ion 88.00 (87.70 to 88.70): VN051900.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN051900.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN051900.D (-2217) (-)



#50

Toluene-d8

Concen: 419.92 ug/l

RT: 10.09 min Scan# 2587

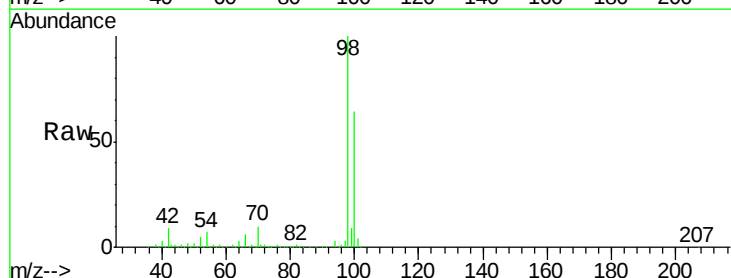
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

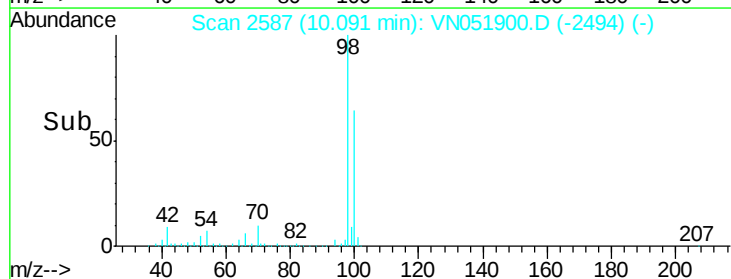
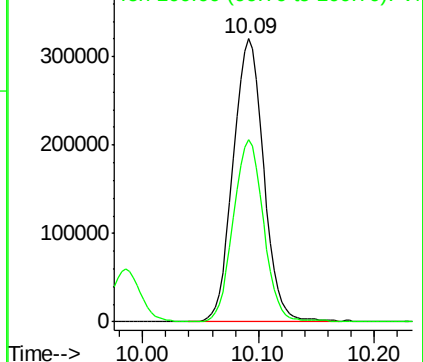
Tgt Ion: 98 Resp: 586850

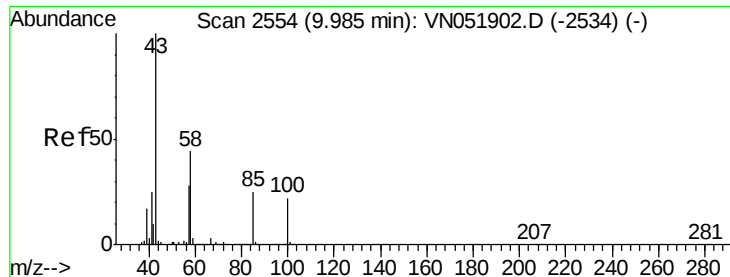
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051900.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051900.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 104.33 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051900.D

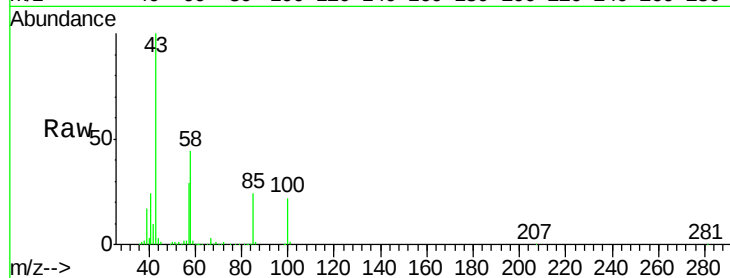
Acq: 17 Oct 2018 9:46

Tot Ion: 43 Resp: 494207

Ion Ratio Lower Upper

43 100

58 43.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN051902.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN051902.D (-2534) (-)

9.99

250000

200000

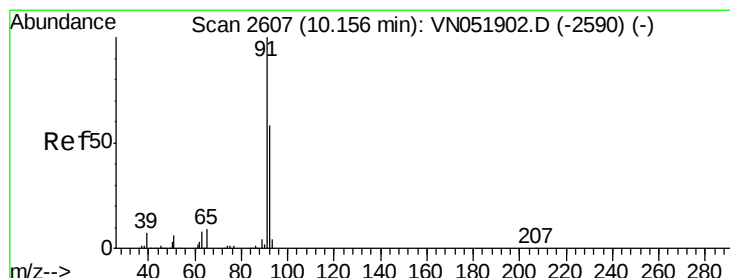
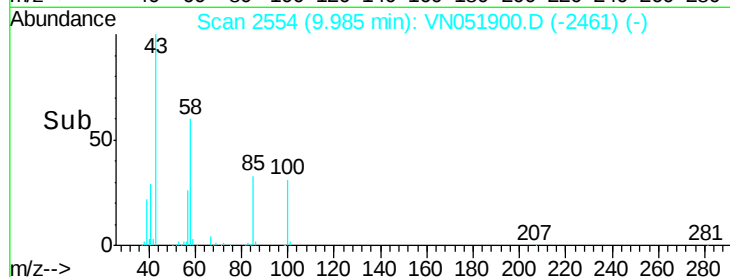
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.00 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051900.D

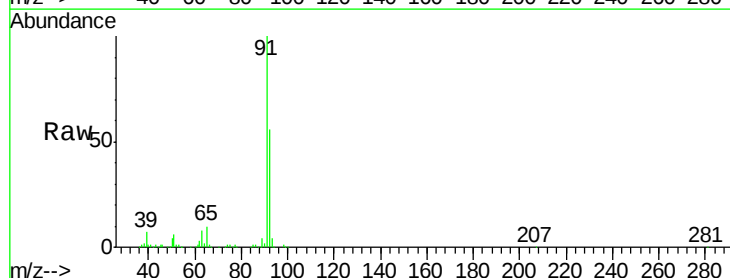
Acq: 17 Oct 2018 9:46

Tgt Ion: 92 Resp: 397130

Ion Ratio Lower Upper

92 100

91 177.3 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN051902.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051902.D (-2590) (-)

10.16

400000

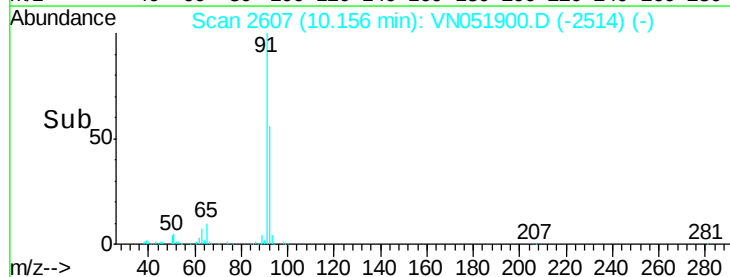
300000

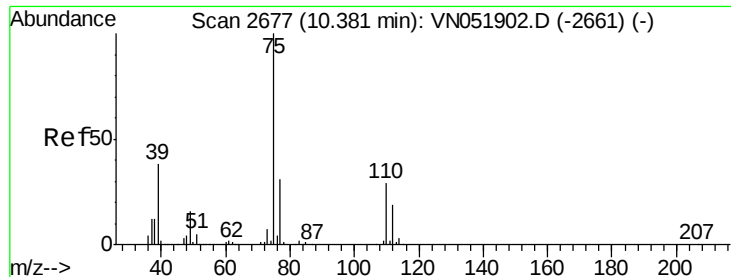
200000

100000

0

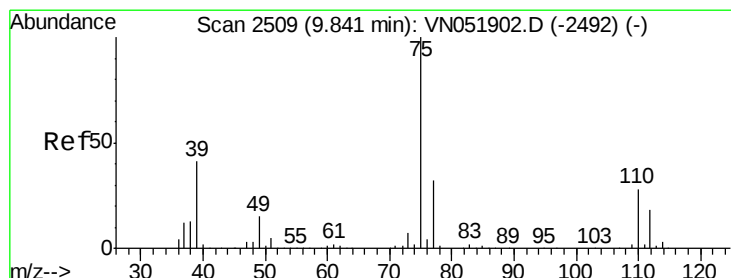
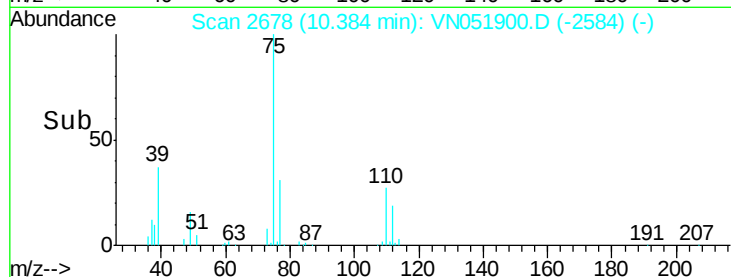
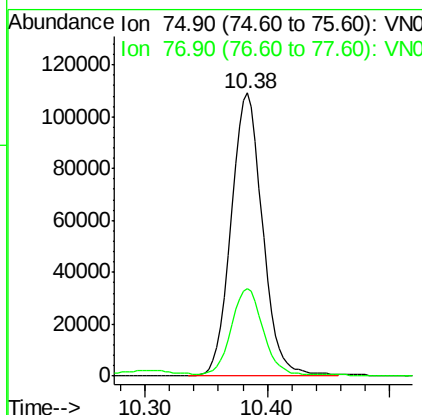
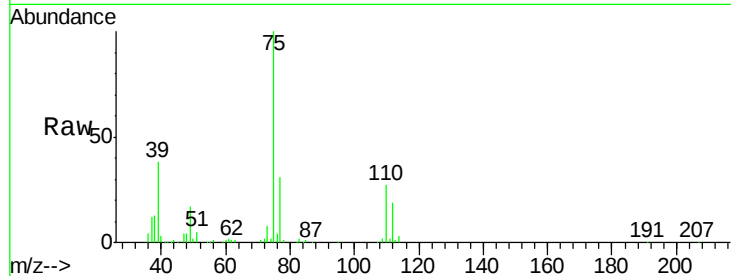
Time-->





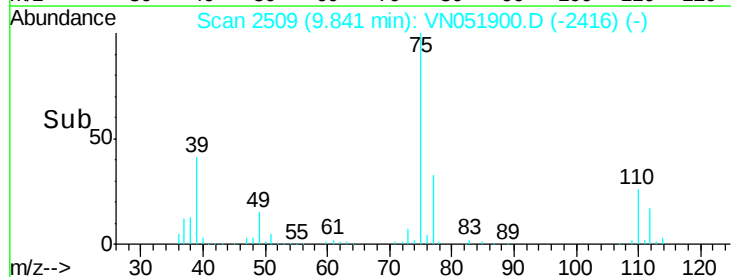
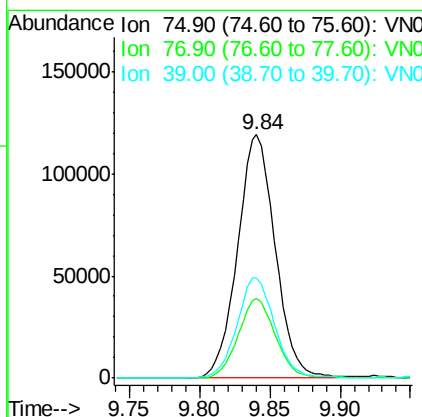
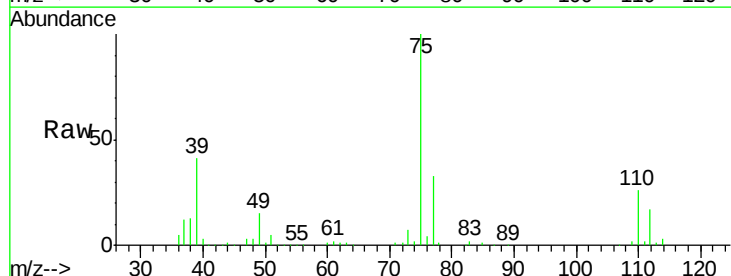
#53
t-1,3-Dichloropropene
Concen: 17.87 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

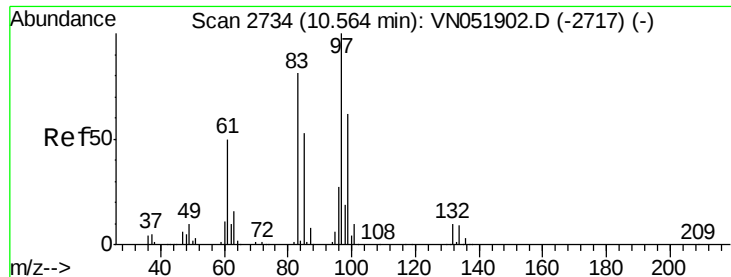
Tot Ion: 75 Resp: 195889
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 18.57 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion: 75 Resp: 222981
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2
39 40.9 33.0 49.4

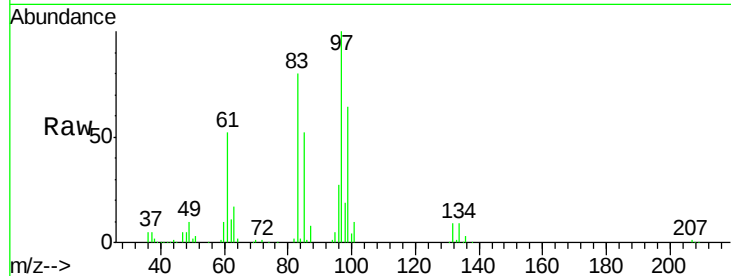




#55
 1,1,2-Trichloroethane
 Concen: 19.81 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tot Ion: 97 Resp: 147918

Ion	Ratio	Lower	Upper
97	100		
83	79.5	69.7	104.5
85	51.8	44.5	66.7
99	64.0	50.7	76.1



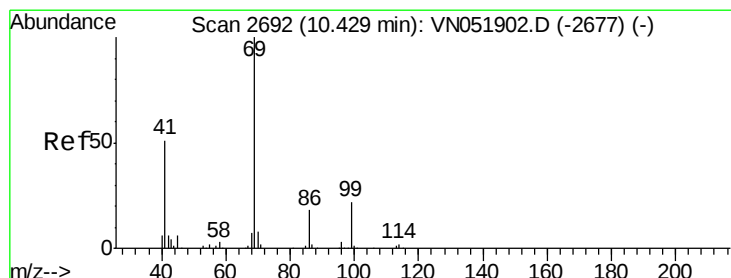
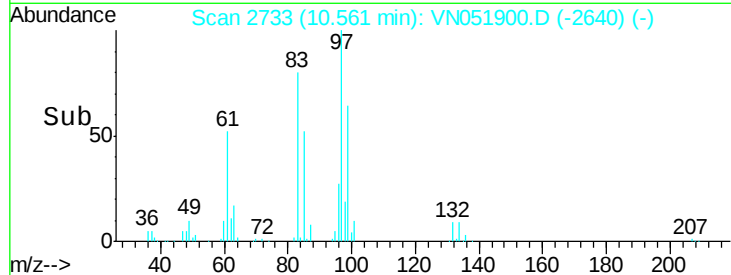
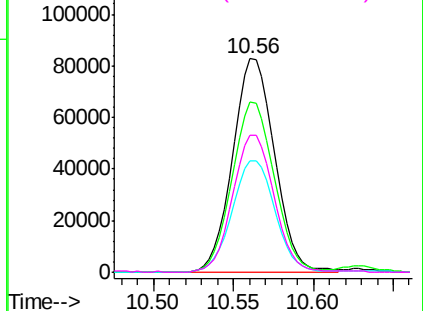
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

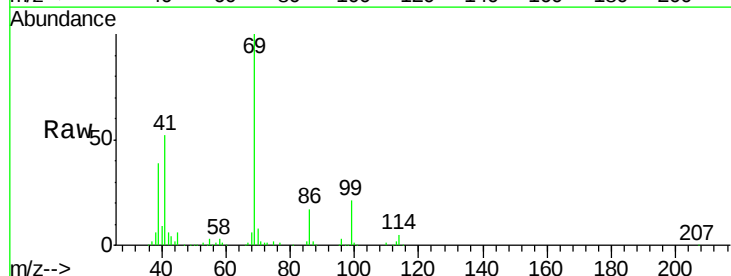
Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 19.10 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion: 69 Resp: 161096

Ion	Ratio	Lower	Upper
69	100		
41	52.7	48.3	72.5
39	38.0	24.0	36.0#

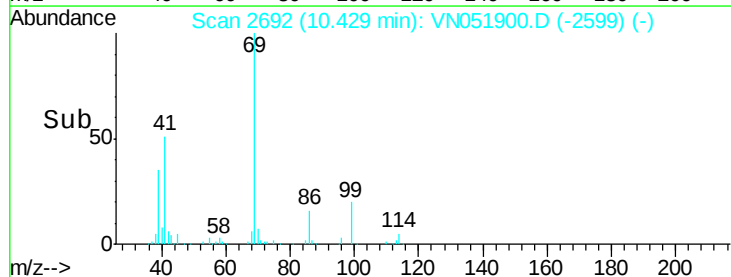
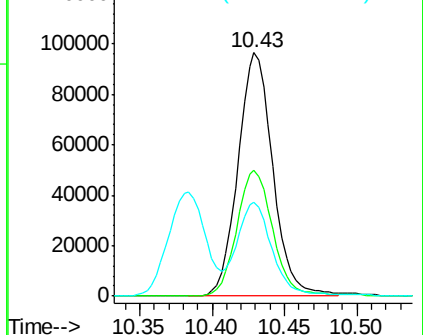


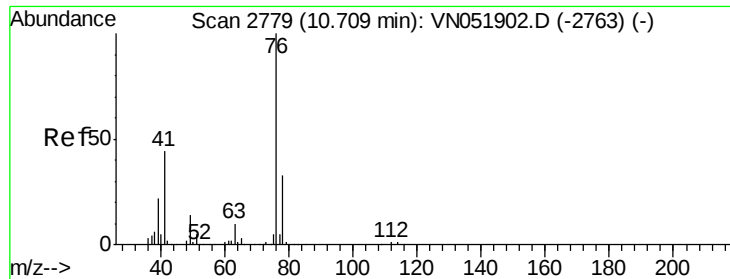
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

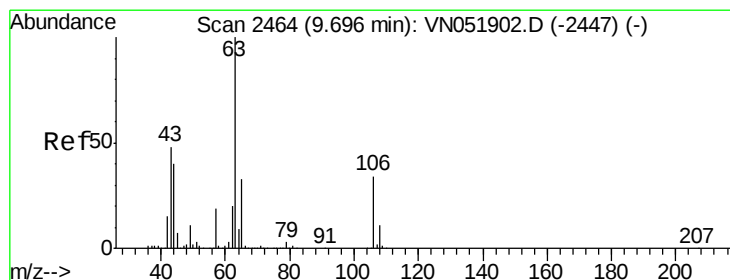
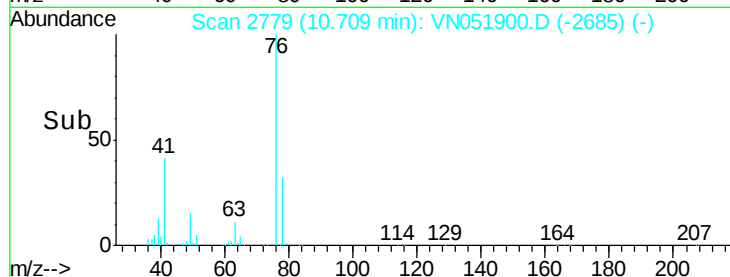
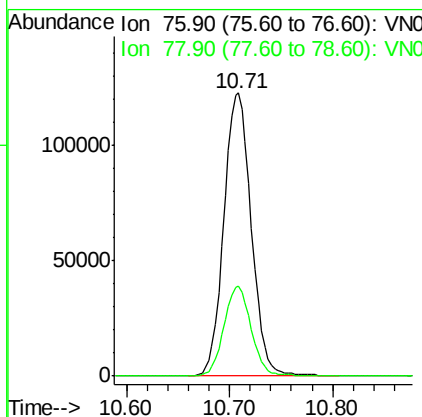
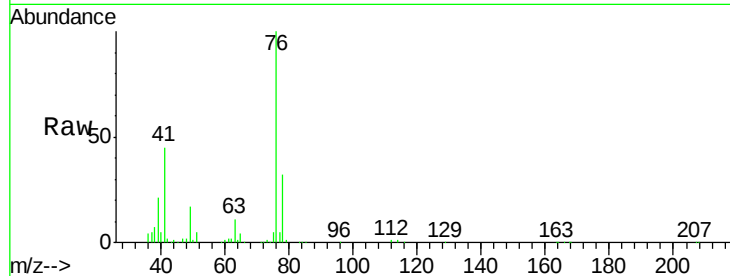
Ion 39.00 (38.70 to 39.70): VN0





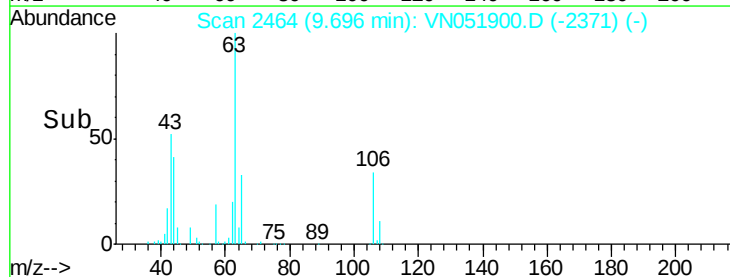
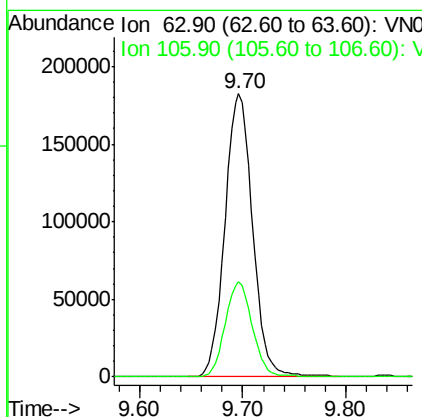
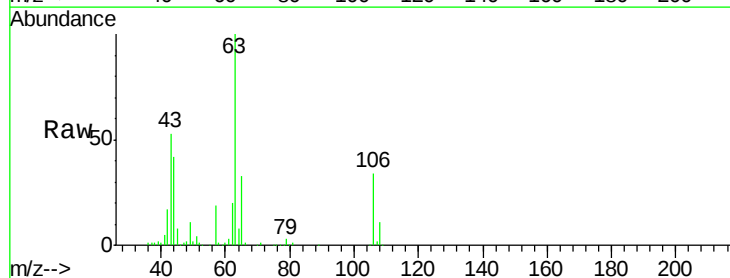
#57
 1,3-Dichloropropane
 Concen: 19.97 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

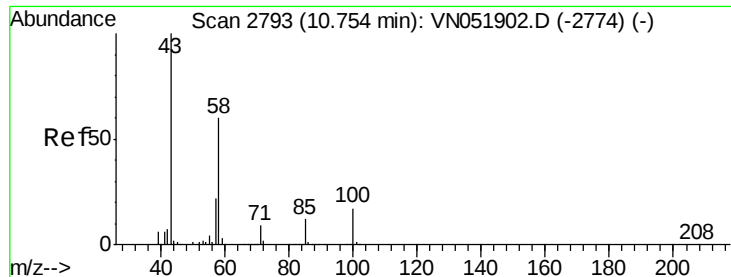
Tot Ion: 76 Resp: 227371
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.16 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

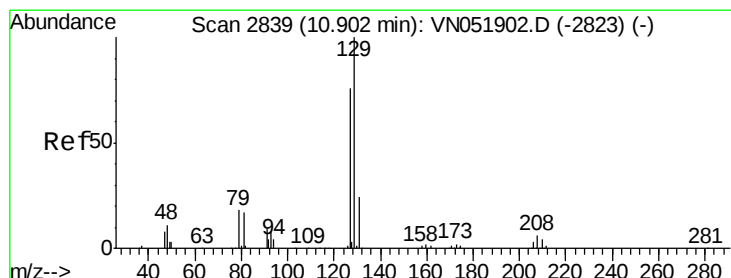
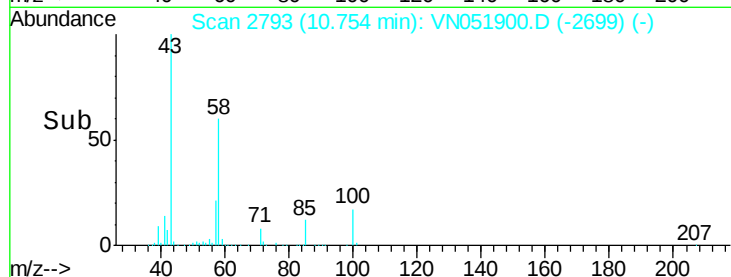
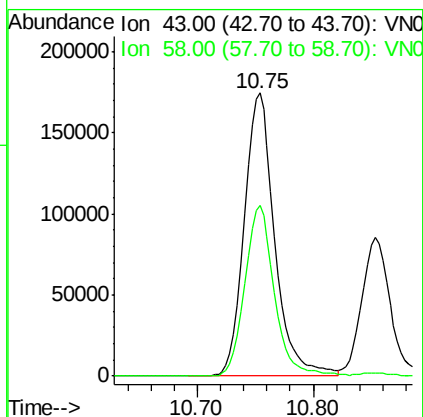
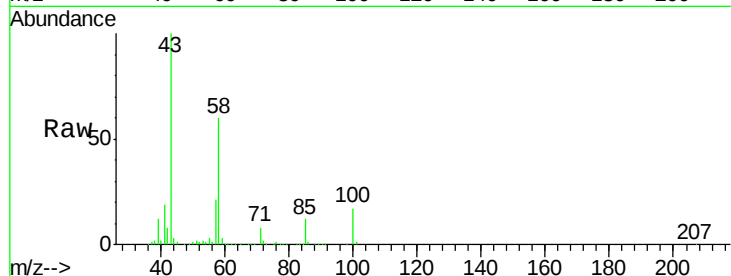
Tgt Ion: 63 Resp: 341592
 Ion Ratio Lower Upper
 63 100
 106 32.9 21.9 32.9#





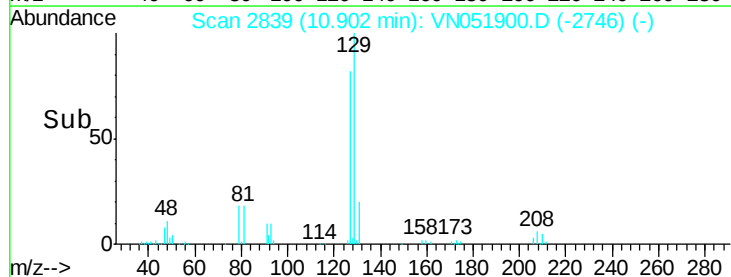
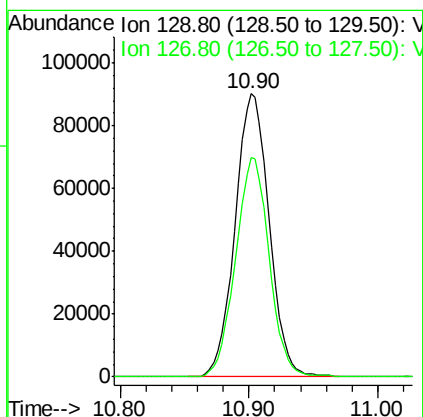
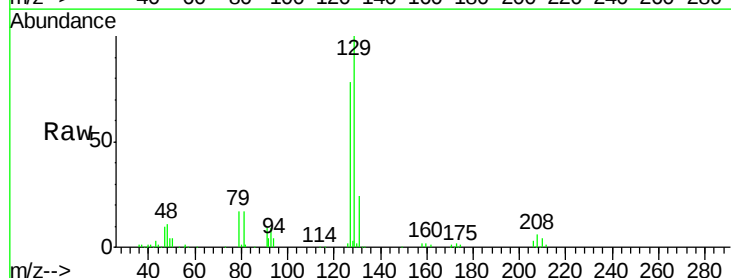
#59
2-Hexanone
Concen: 95.11 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

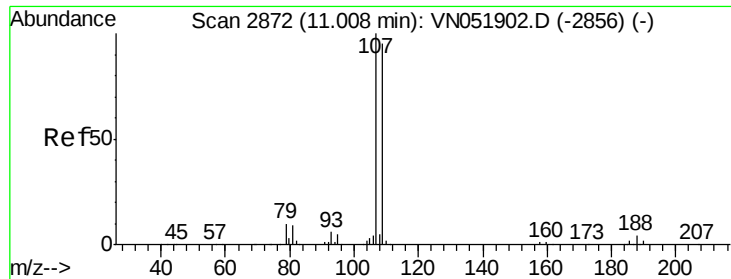
Tot Ion: 43 Resp: 317061
Ion Ratio Lower Upper
43 100
58 58.9 28.3 85.0



#60
Dibromochloromethane
Concen: 17.71 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

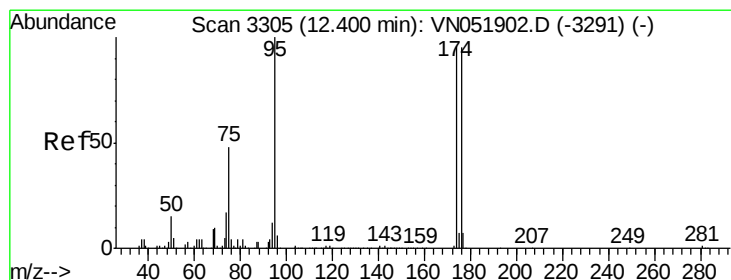
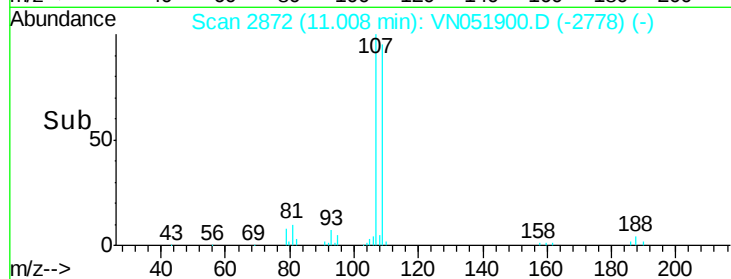
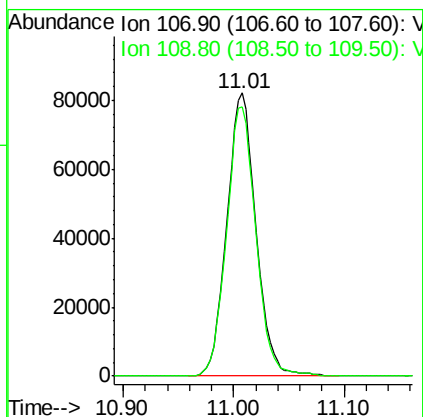
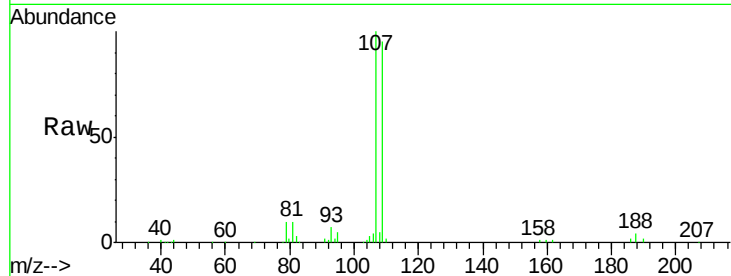
Tgt Ion: 129 Resp: 165559
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9





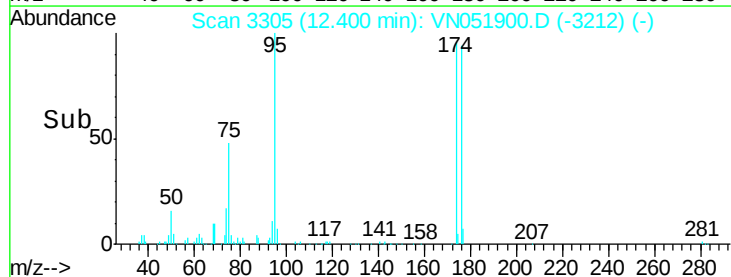
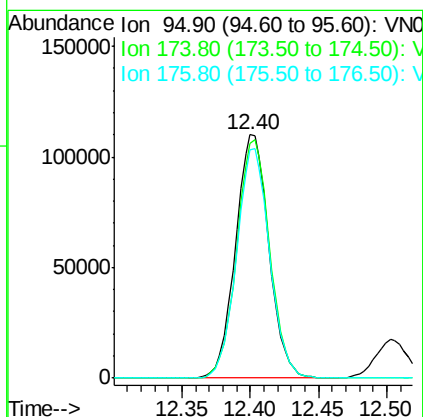
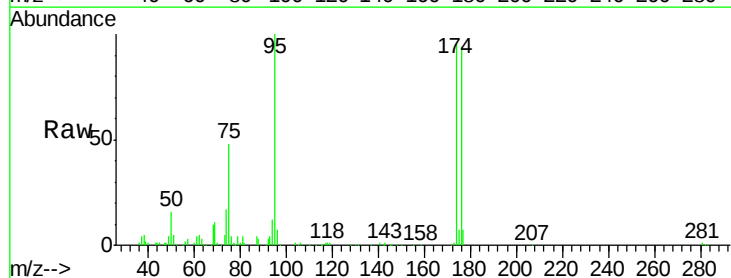
#61
 1,2-Dibromoethane
 Concen: 19.29 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

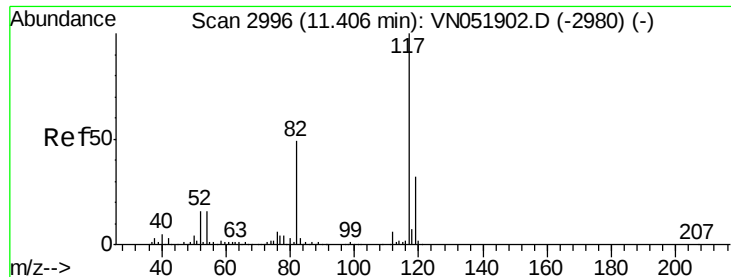
Tot Ion: 107 Resp: 150323
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 19.29 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion: 95 Resp: 186221
 Ion Ratio Lower Upper
 95 100
 174 96.9 0.0 183.0
 176 93.3 0.0 178.8

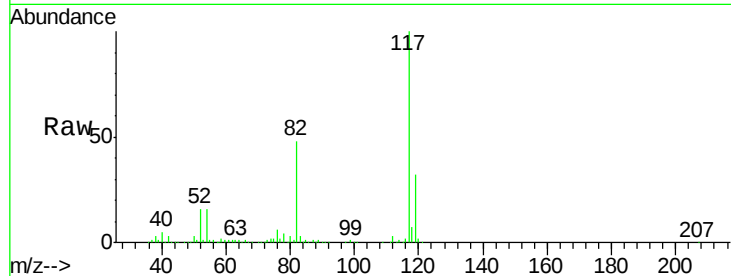




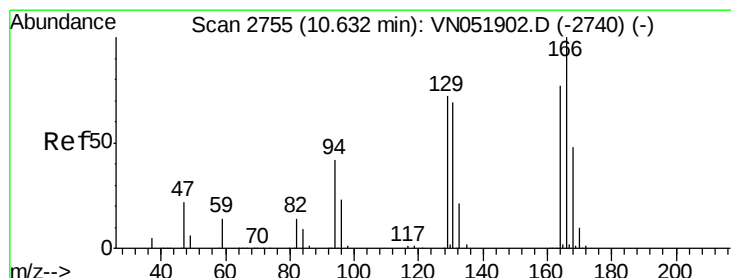
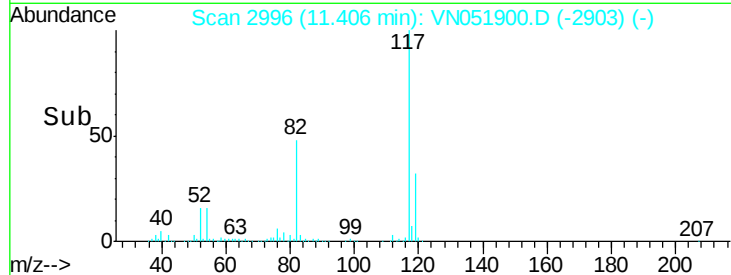
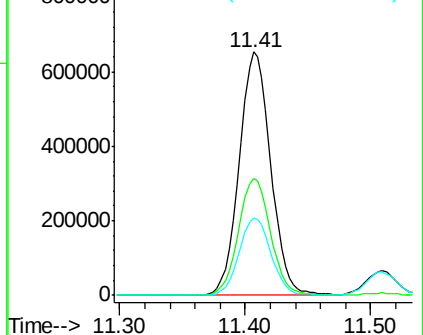
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tot Ion:117 Resp: 1140306

Ion	Ratio	Lower	Upper
117	100		
82	48.2	42.6	64.0
119	31.8	25.8	38.6



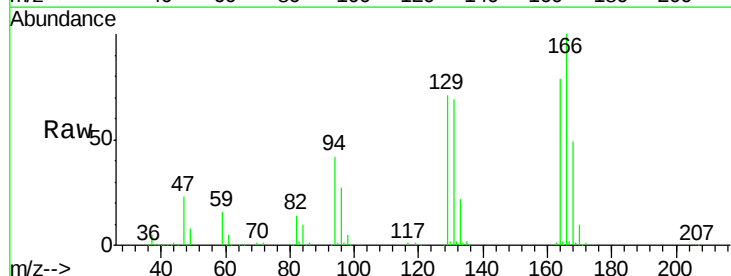
Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



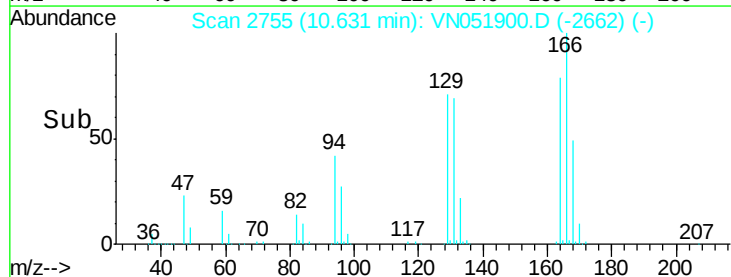
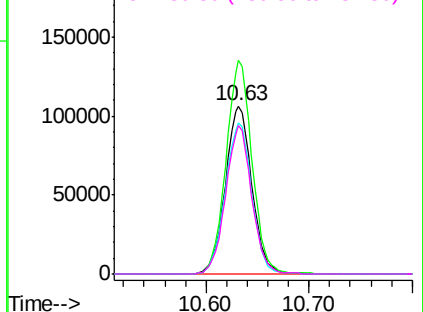
#64
Tetrachloroethene
Concen: 20.90 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

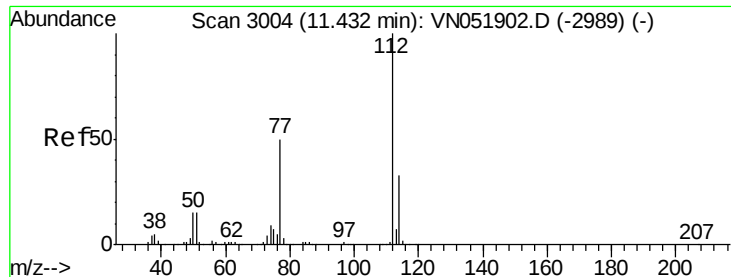
Tgt Ion:164 Resp: 189550

Ion	Ratio	Lower	Upper
164	100		
166	127.0	103.5	155.3
129	89.6	72.7	109.1
131	88.0	69.5	104.3



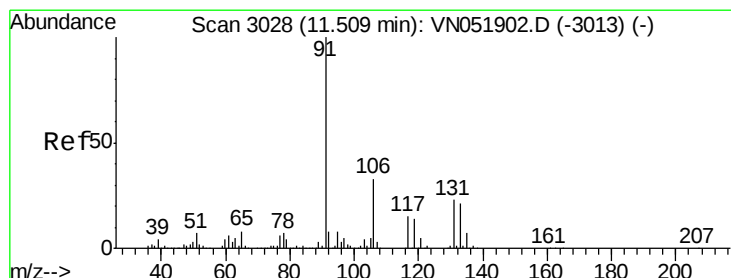
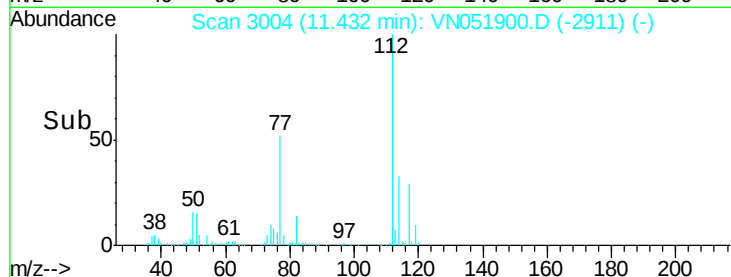
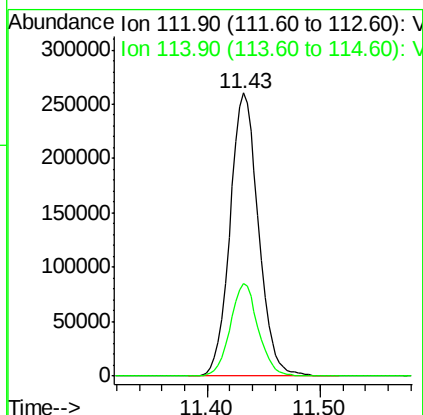
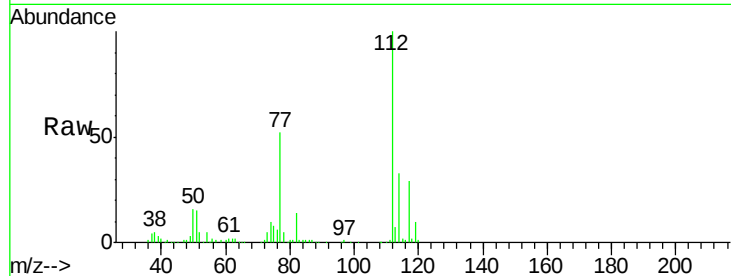
Abundance Ion 163.80 (163.50 to 164.50): V
 Ion 165.80 (165.50 to 166.50): V
 Ion 128.80 (128.50 to 129.50): V
 Ion 130.80 (130.50 to 131.50): V





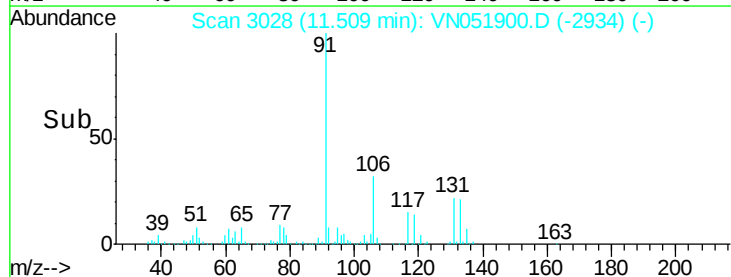
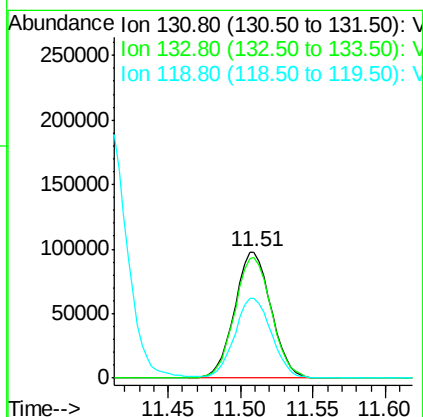
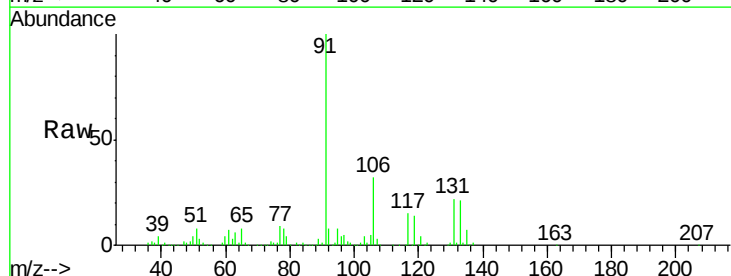
#65
Chlorobenzene
Concen: 20.04 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

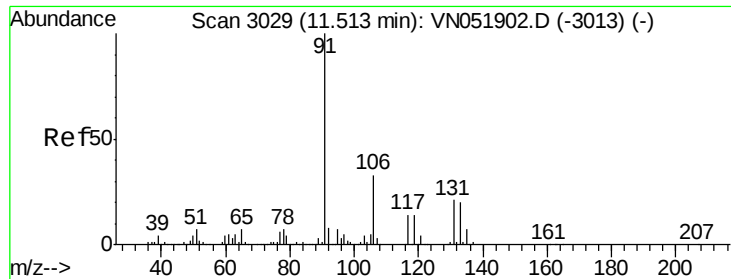
Tot Ion:112 Resp: 454482
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.54 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

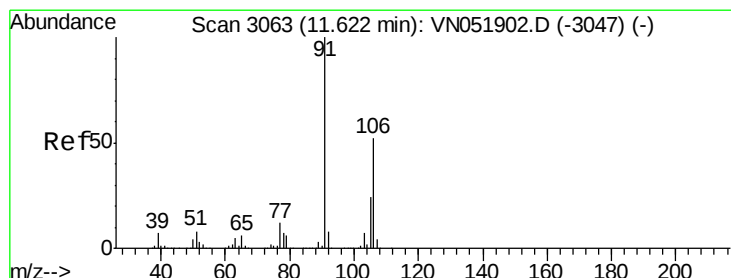
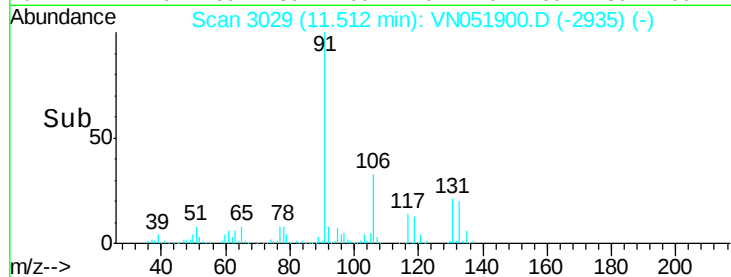
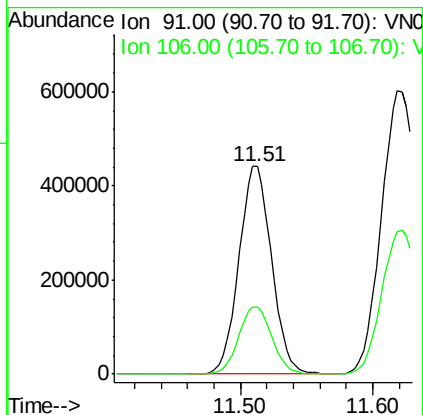
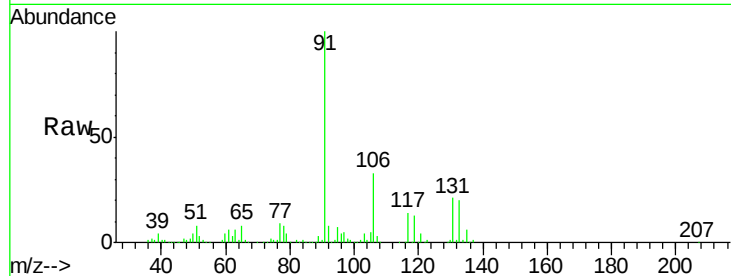
Tgt Ion:131 Resp: 171107
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.3
119 64.0 32.8 98.4





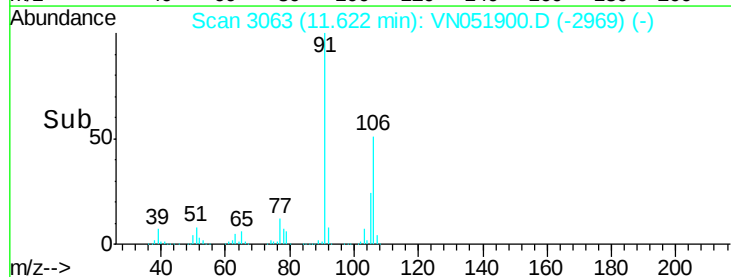
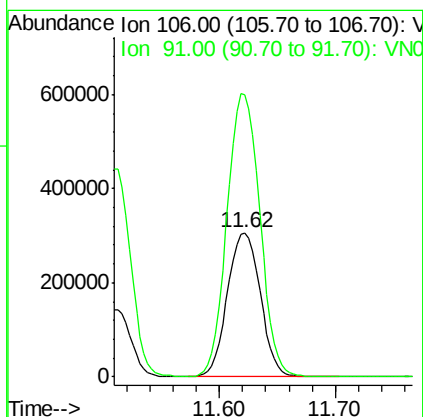
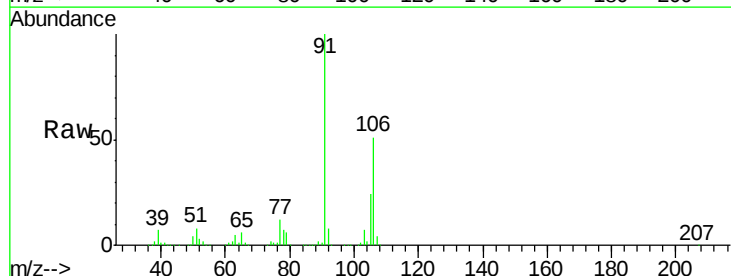
#67
Ethyl Benzene
Concen: 19.92 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

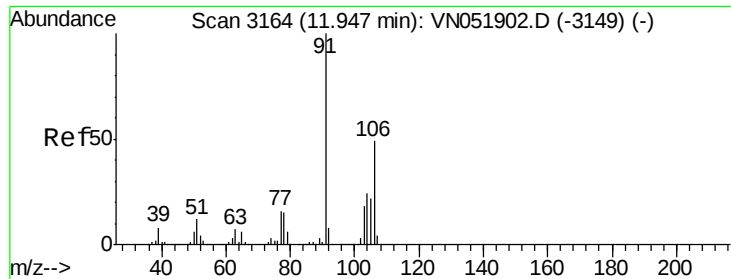
Tot Ion: 91 Resp: 755009
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.4



#68
m/p-Xylenes
Concen: 39.09 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

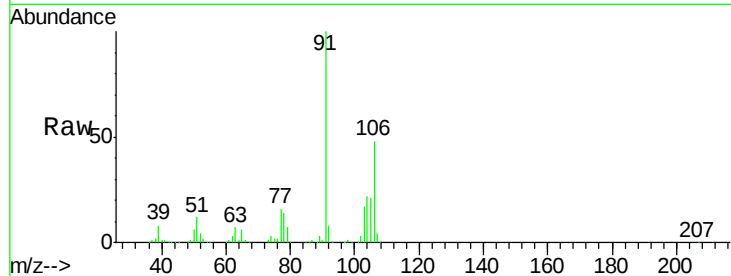
Tgt Ion: 106 Resp: 604072
Ion Ratio Lower Upper
106 100
91 196.4 161.0 241.6



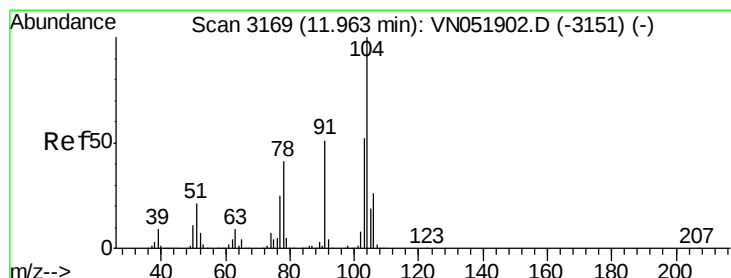
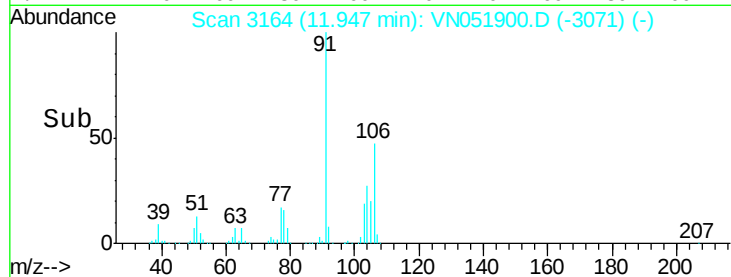
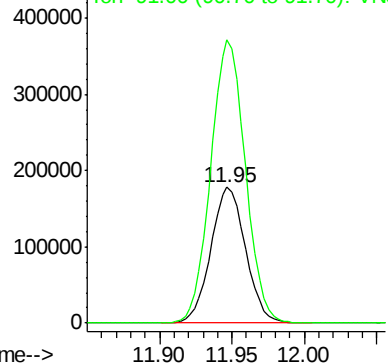


#69
o-Xylene
Concen: 19.62 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tot Ion:106 Resp: 296660
Ion Ratio Lower Upper
106 100
91 207.9 106.5 319.5

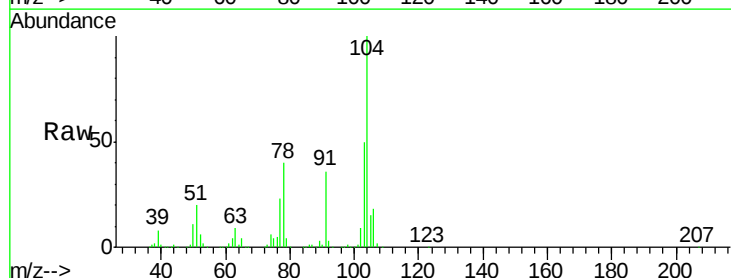


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

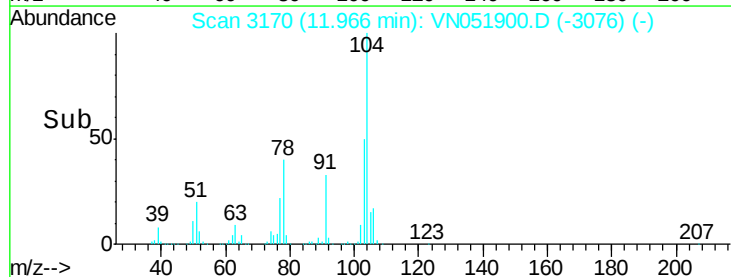
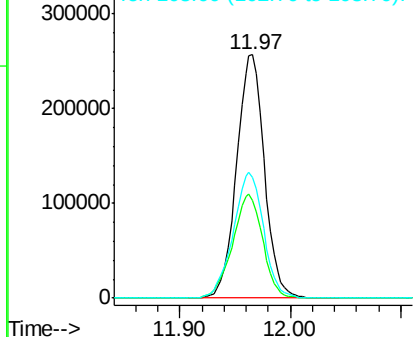


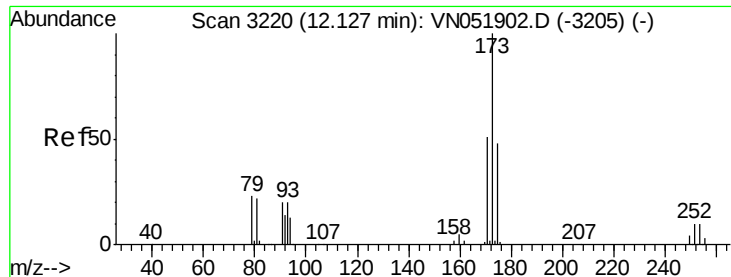
#70
Styrene
Concen: 18.84 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion:104 Resp: 448359
Ion Ratio Lower Upper
104 100
78 46.4 38.2 57.4
103 56.3 44.4 66.6



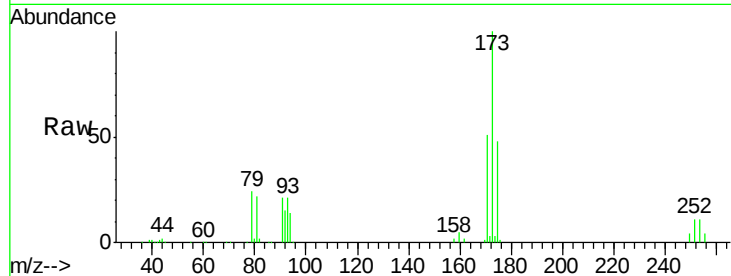
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



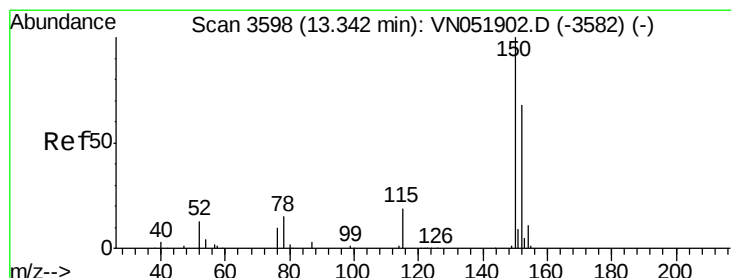
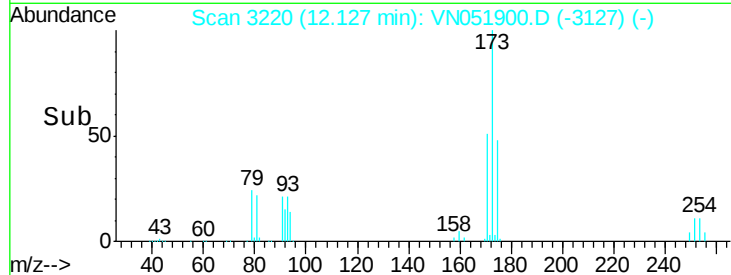
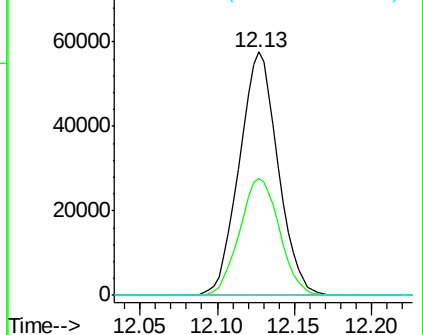


#71
Bromoform
Concen: 17.52 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tot Ion:173 Resp: 100185
Ion Ratio Lower Upper
173 100
175 49.5 24.4 73.4
254 0.0 0.1 0.1#

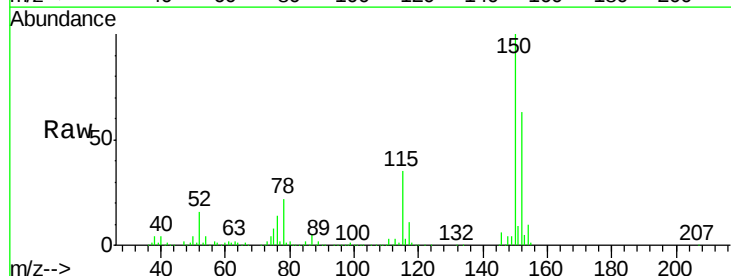


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

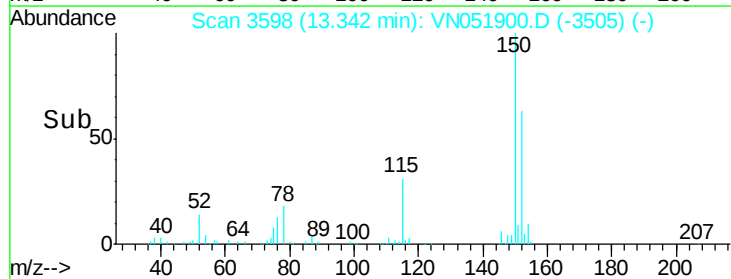
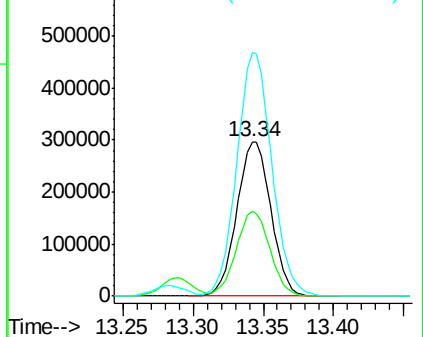


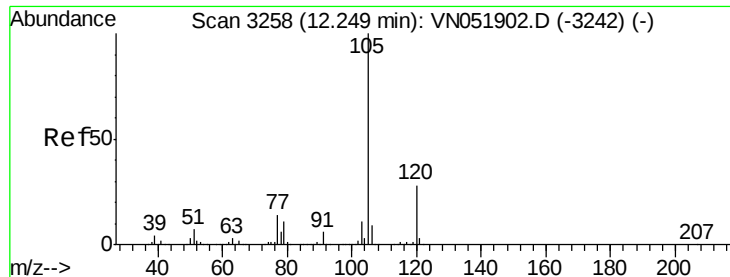
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion:152 Resp: 501138
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.4
150 162.3 0.0 351.4



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: 23.74 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051900.D

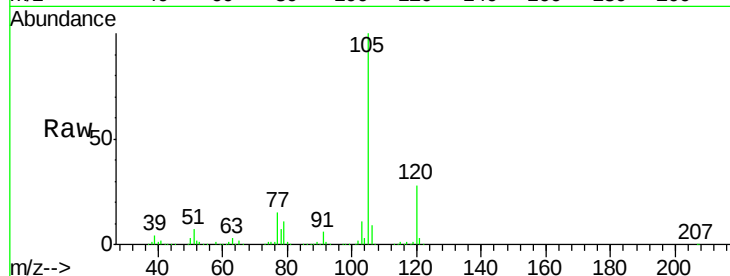
Acq: 17 Oct 2018 9:46

Tot Ion: 105 Resp: 804453

Ion Ratio Lower Upper

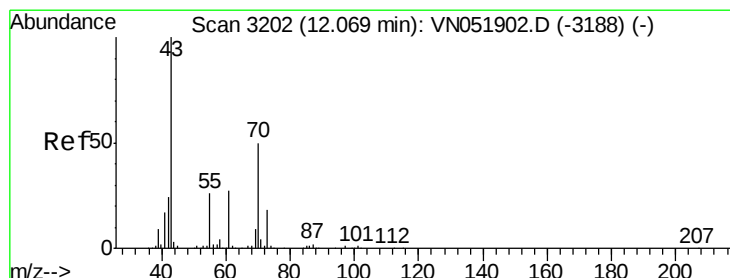
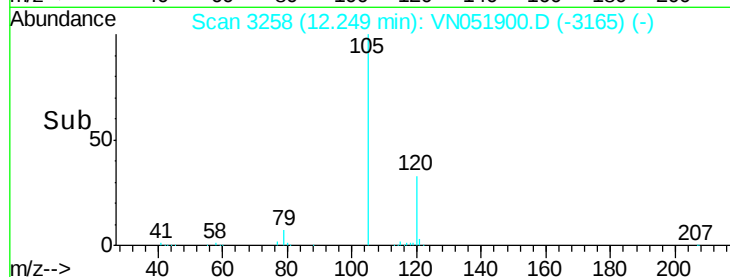
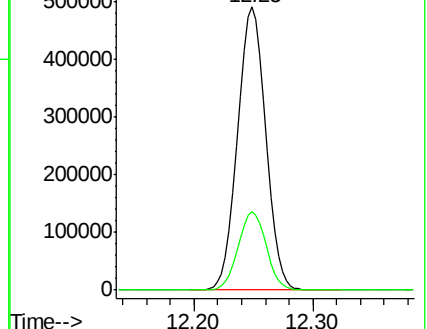
105 100

120 27.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.07 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tgt Ion: 43 Resp: 135727

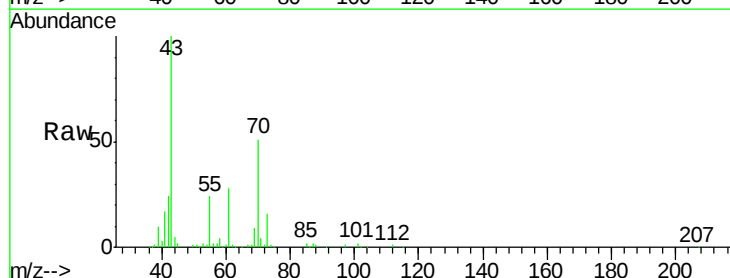
Ion Ratio Lower Upper

43 100

70 50.9 36.2 54.2

55 25.5 21.8 32.8

61 27.2 20.5 30.7

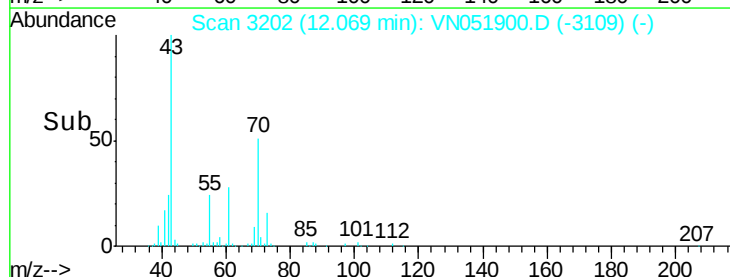
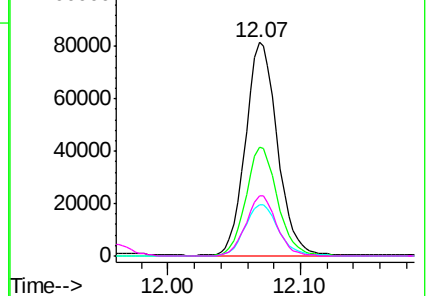


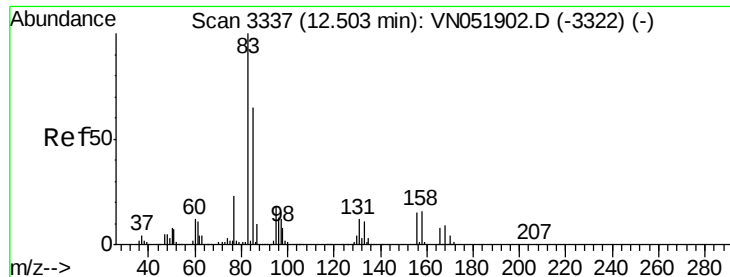
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 25.67 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

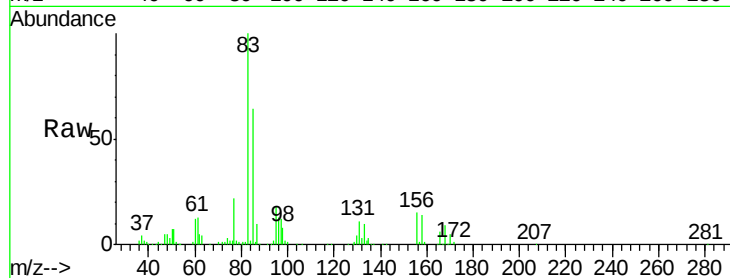
Tot Ion: 83 Resp: 166718

Ion Ratio Lower Upper

83 100

131 11.6 5.3 15.9

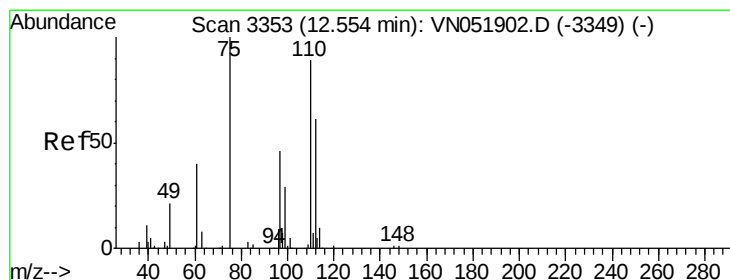
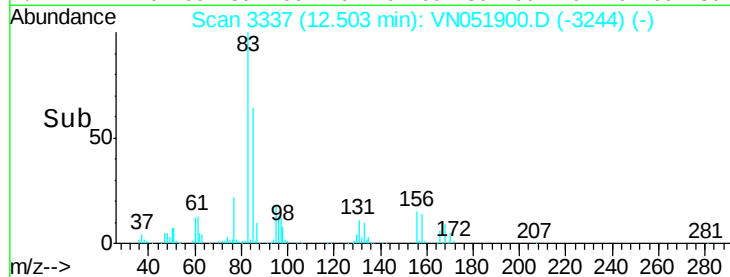
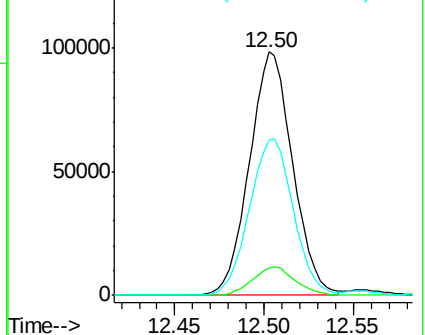
85 65.2 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN051900.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN051900.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN051900.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 37.24 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051900.D

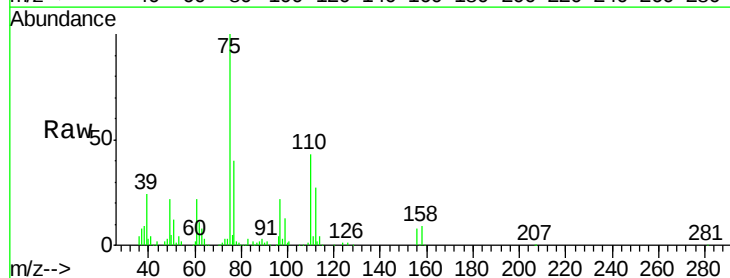
Acq: 17 Oct 2018 9:46

Tgt Ion: 75 Resp: 189662

Ion Ratio Lower Upper

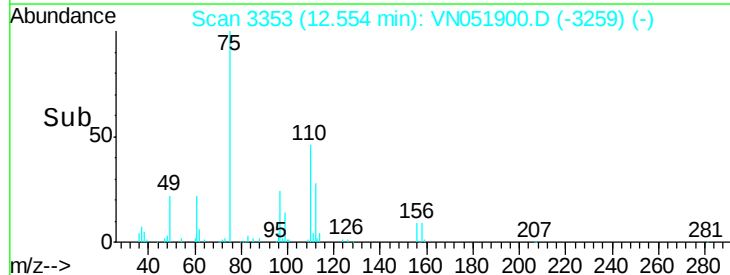
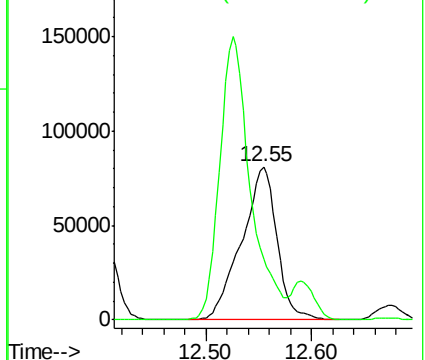
75 100

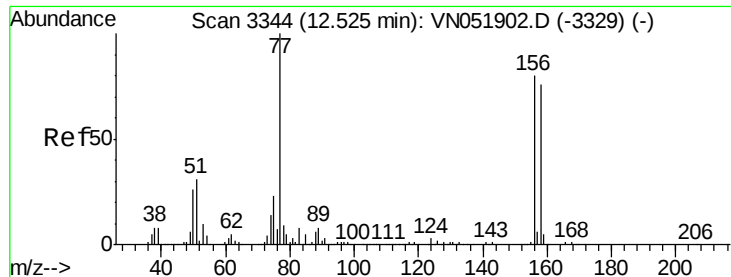
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051900.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN051900.D (-3353) (-)





#77

Bromobenzene

Concen: 22.74 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

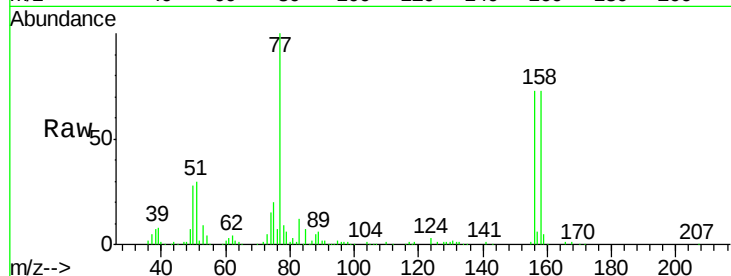
Tot Ion:156 Resp: 194761

Ion Ratio Lower Upper

156 100

77 156.6 89.9 269.7

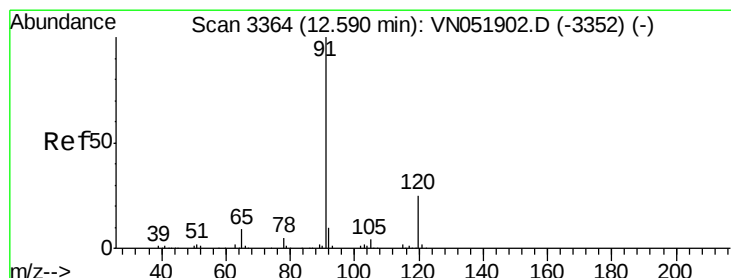
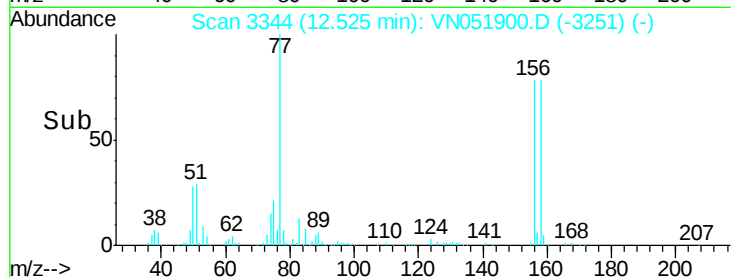
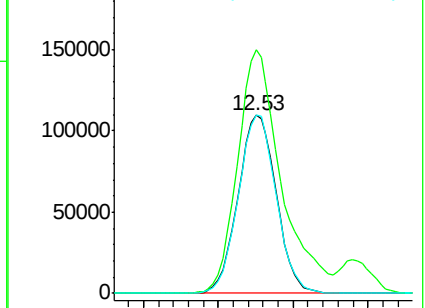
158 99.2 49.3 147.9



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: 22.61 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051900.D

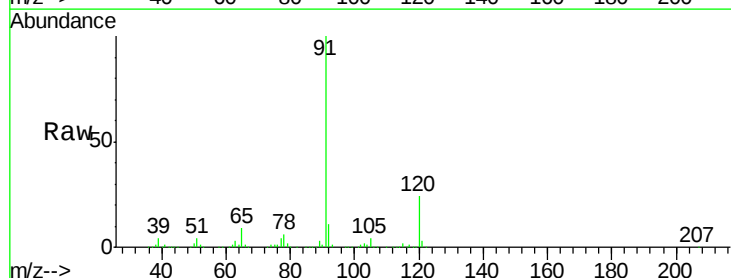
Acq: 17 Oct 2018 9:46

Tgt Ion: 91 Resp: 836274

Ion Ratio Lower Upper

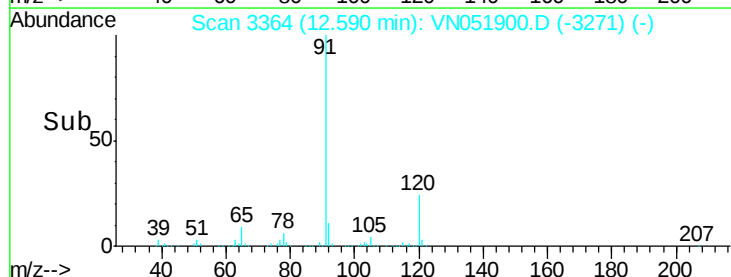
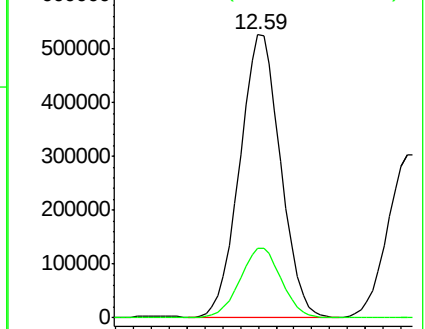
91 100

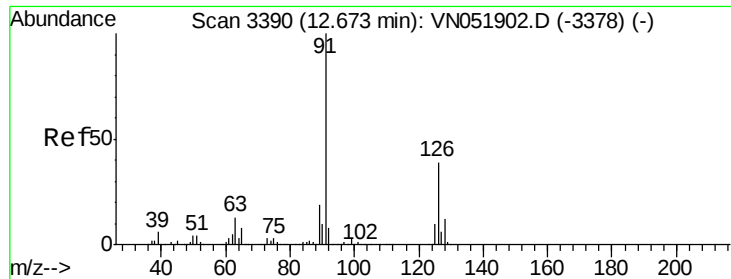
120 25.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.59 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051900.D

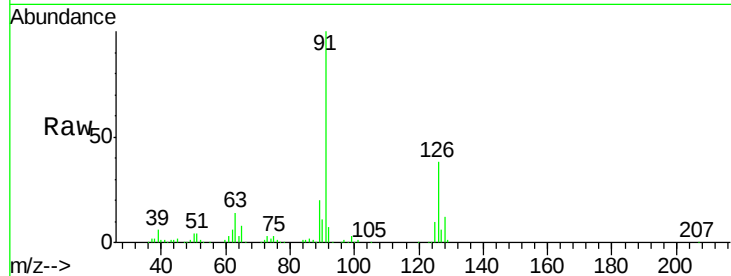
Acq: 17 Oct 2018 9:46

Tot Ion: 91 Resp: 501620

Ion Ratio Lower Upper

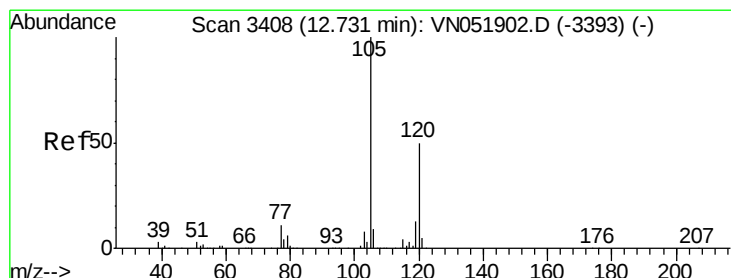
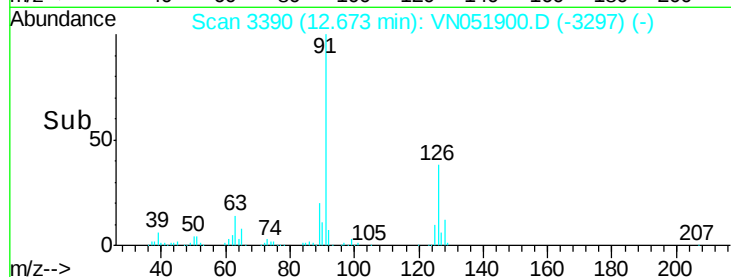
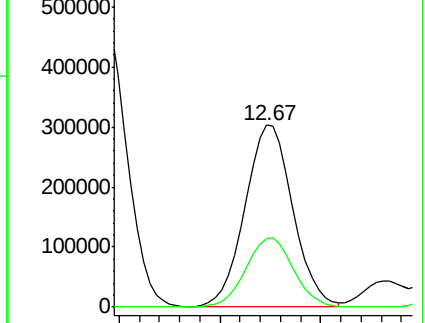
91 100

126 38.1 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN051902.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051902.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.82 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051900.D

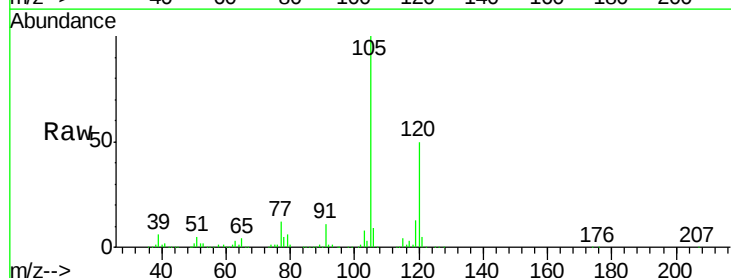
Acq: 17 Oct 2018 9:46

Tgt Ion: 105 Resp: 647794

Ion Ratio Lower Upper

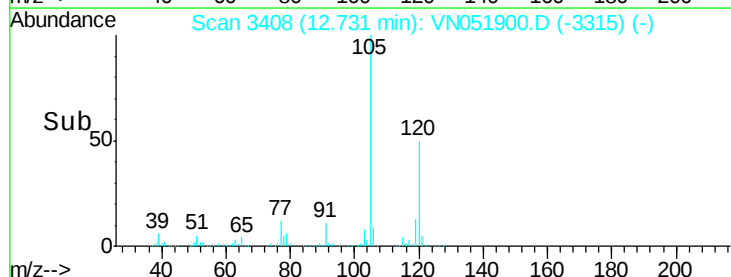
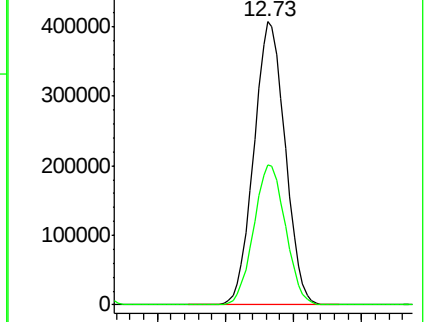
105 100

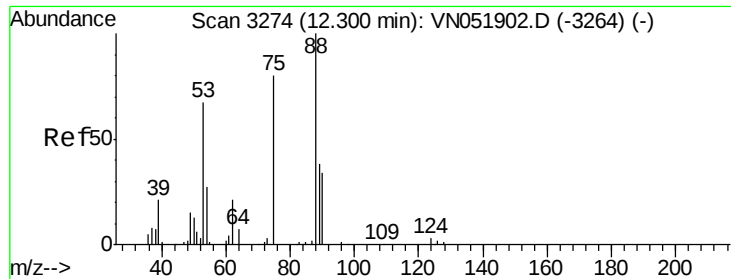
120 50.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051902.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN051902.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.04 ug/l

RT: 12.30 min Scan# 3274

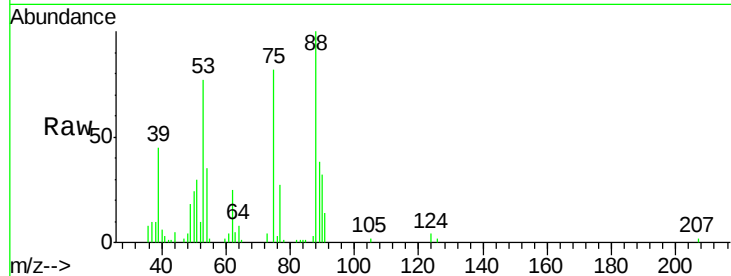
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tot Ion: 75 Resp: 35383

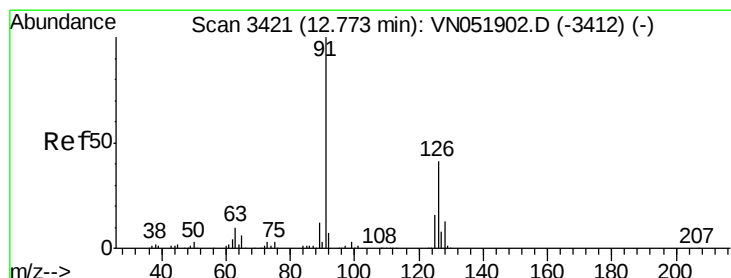
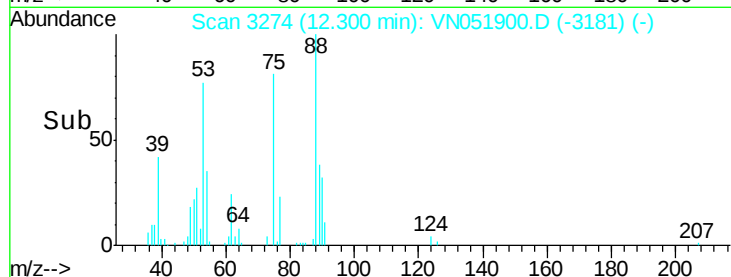
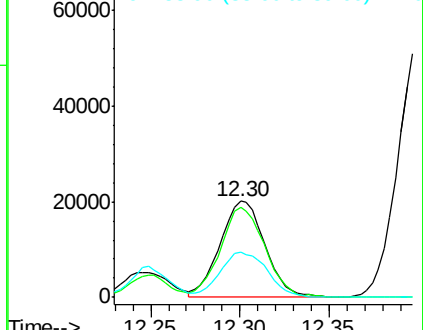
Ion	Ratio	Lower	Upper
75	100		
53	93.5	68.9	103.3
89	48.9	36.1	54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 22.27 ug/l

RT: 12.77 min Scan# 3421

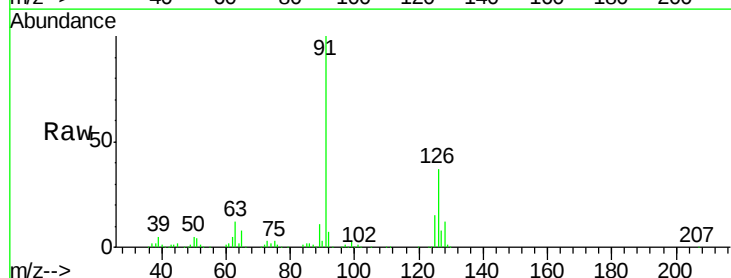
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

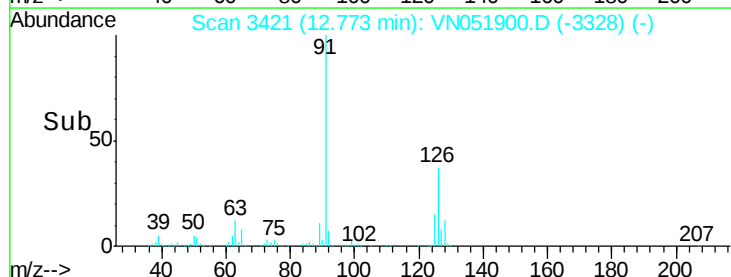
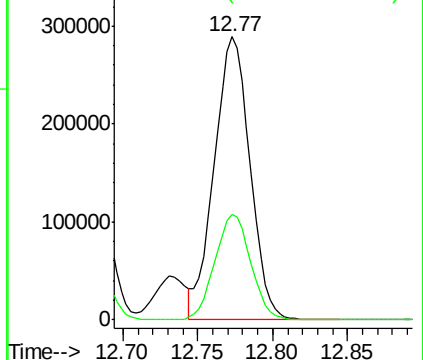
Tgt Ion: 91 Resp: 479628

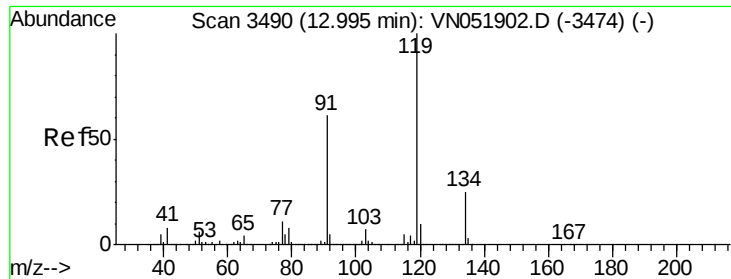
Ion	Ratio	Lower	Upper
91	100		
126	37.5	17.5	52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

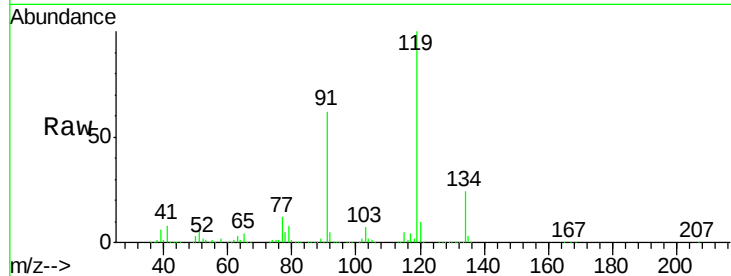
Ion 125.90 (125.60 to 126.60): V



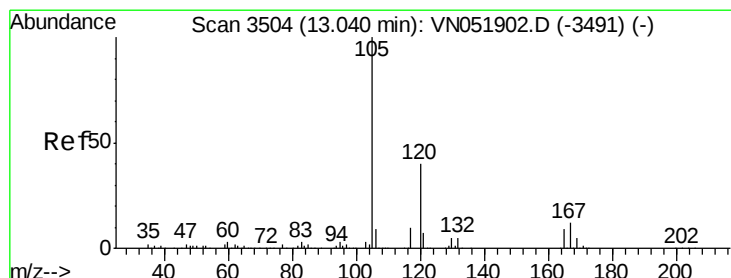
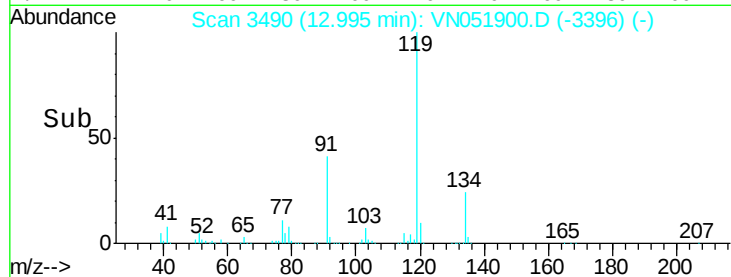
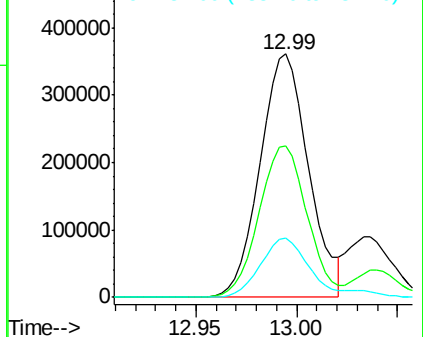


#83
tert-Butylbenzene
Concen: 23.26 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	31.6	94.7
134	26.0	13.4	40.1

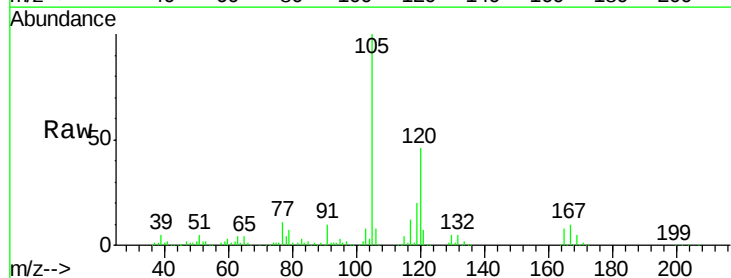


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

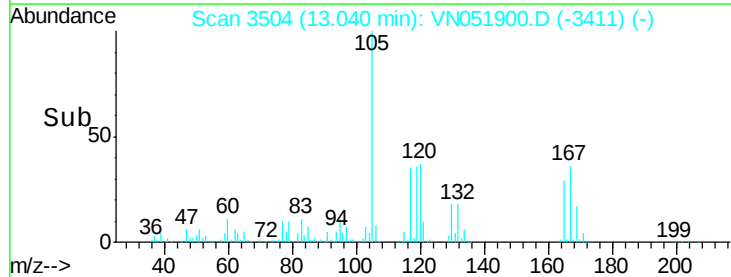
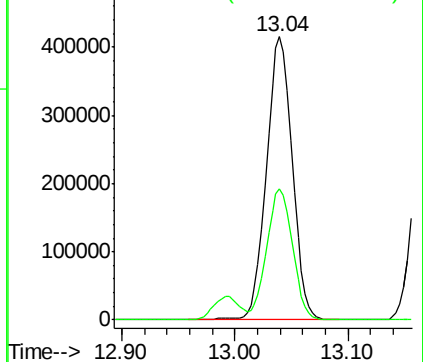


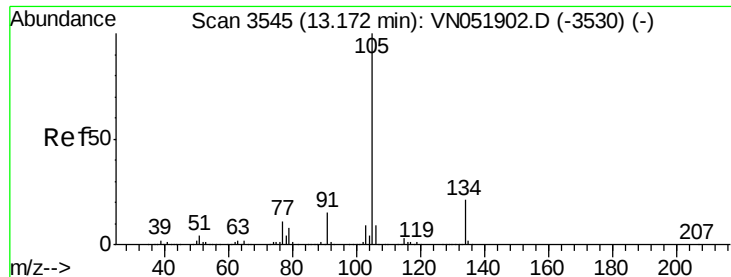
#84
1,2,4-Trimethylbenzene
Concen: 22.77 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8



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





#85

sec-Butylbenzene

Concen: 22.53 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051900.D

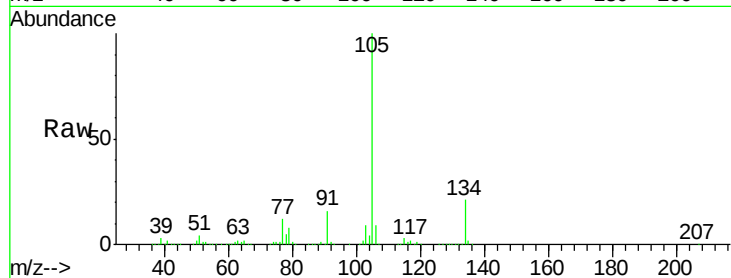
Acq: 17 Oct 2018 9:46

Tot Ion:105 Resp: 776699

Ion Ratio Lower Upper

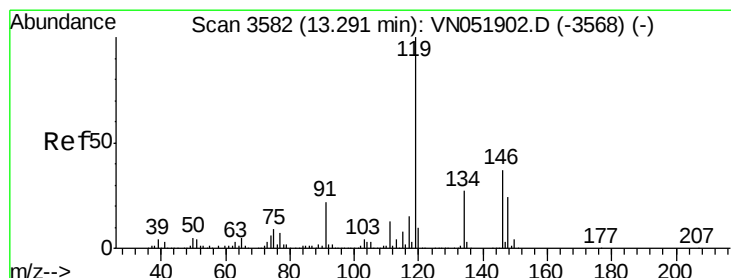
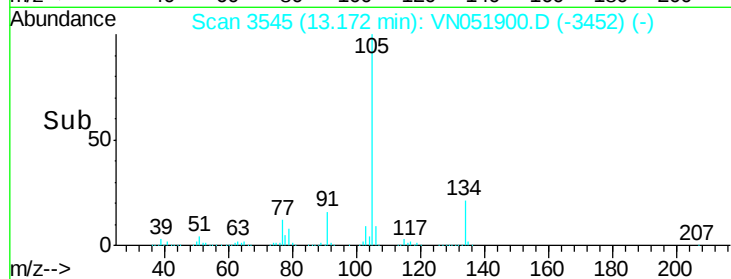
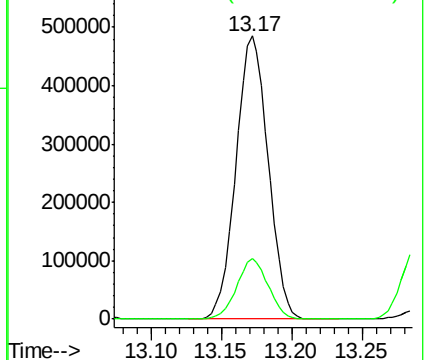
105 100

134 20.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.81 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

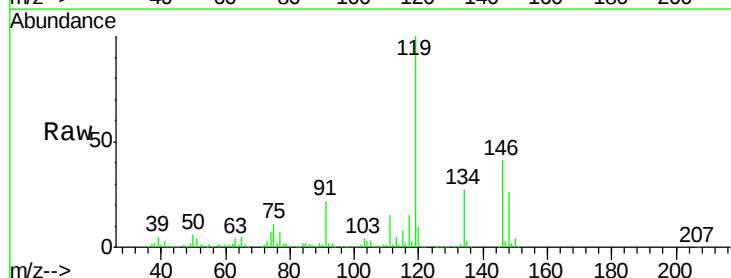
Tgt Ion:119 Resp: 681808

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

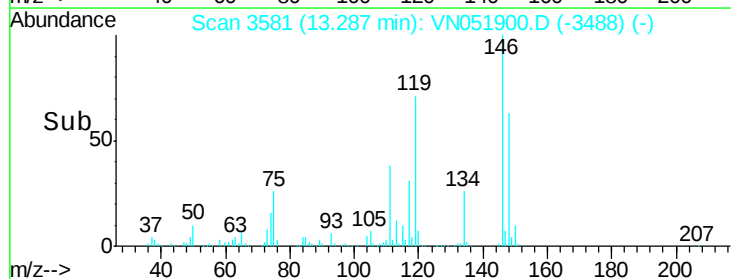
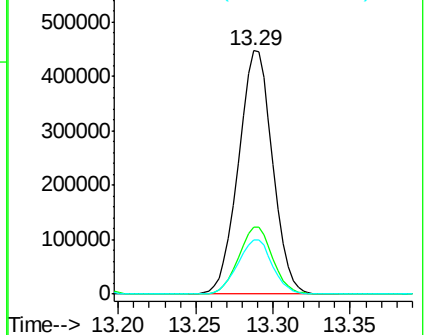
91 22.6 11.2 33.5

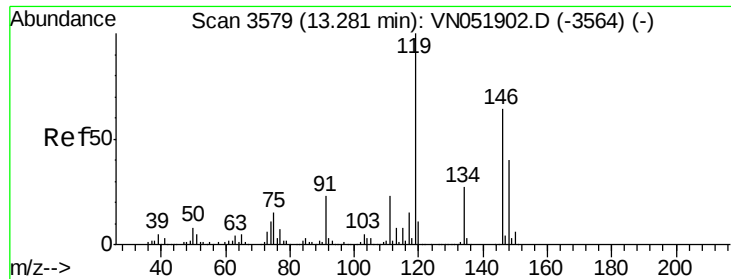


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.37 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

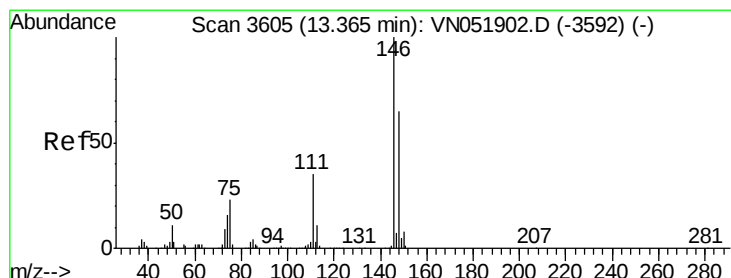
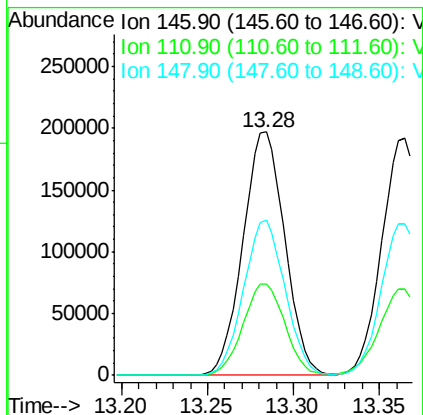
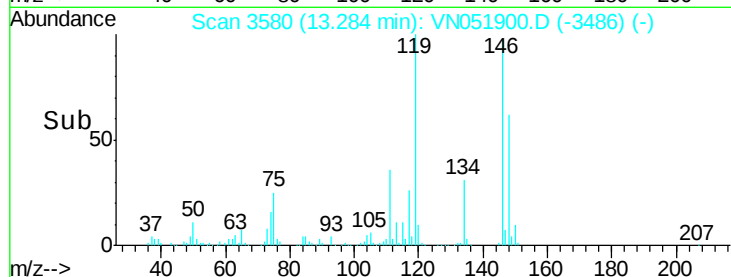
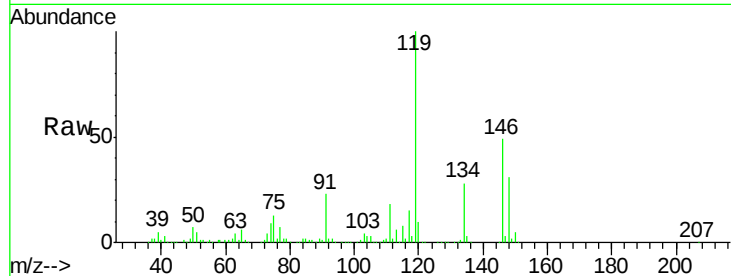
Tot Ion:146 Resp: 332816

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.3

148 63.1 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 21.29 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

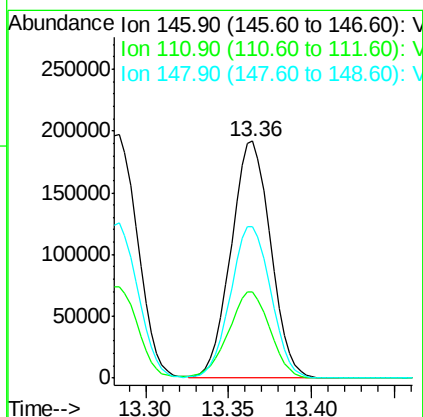
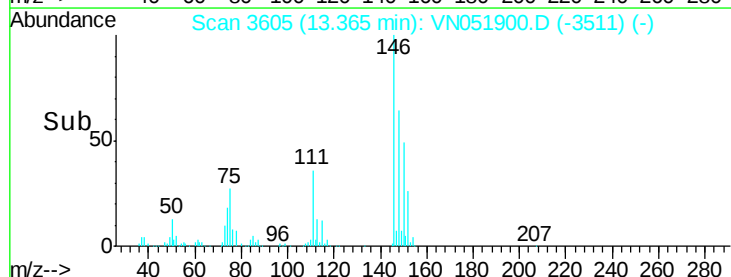
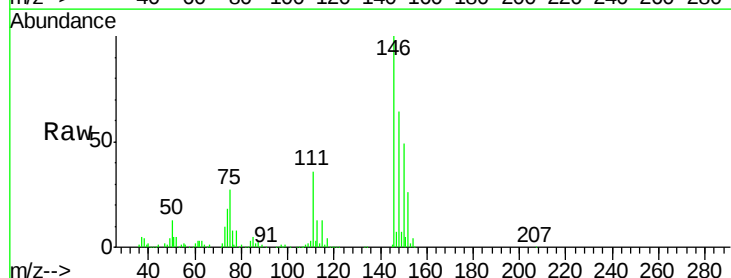
Tgt Ion:146 Resp: 319646

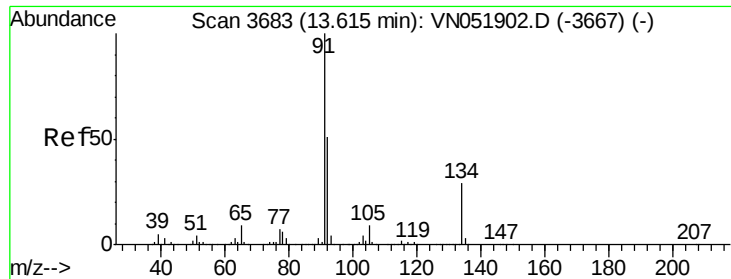
Ion Ratio Lower Upper

146 100

111 38.1 18.8 56.3

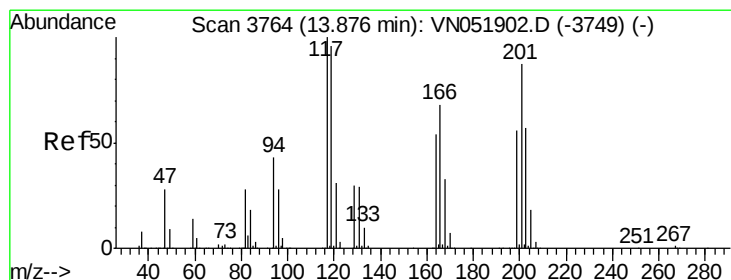
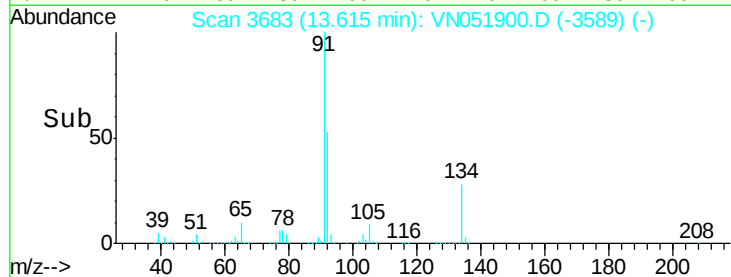
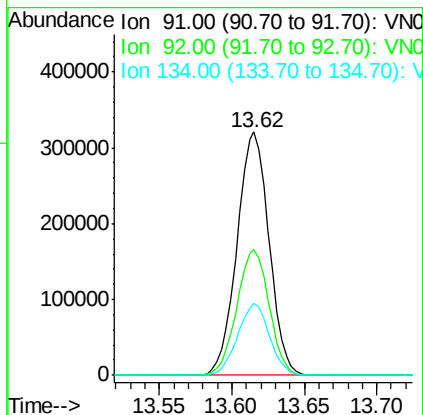
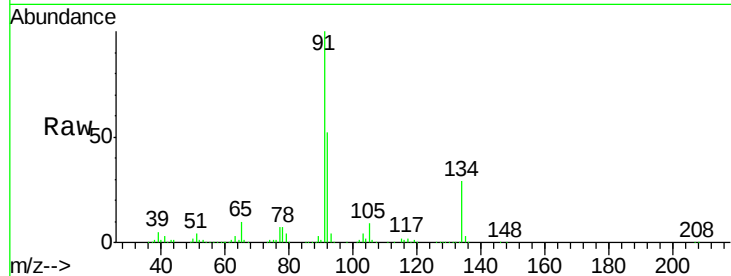
148 65.3 32.2 96.6





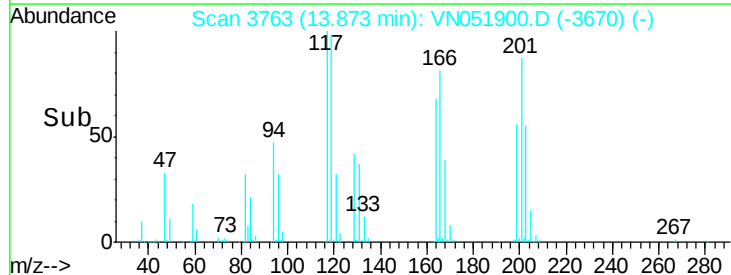
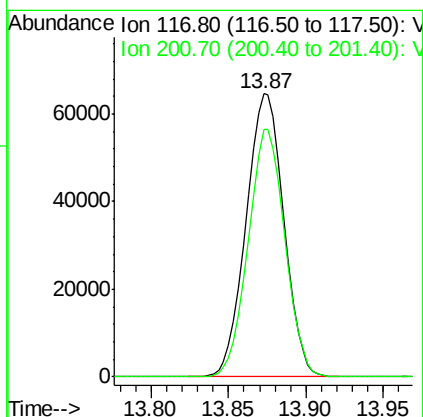
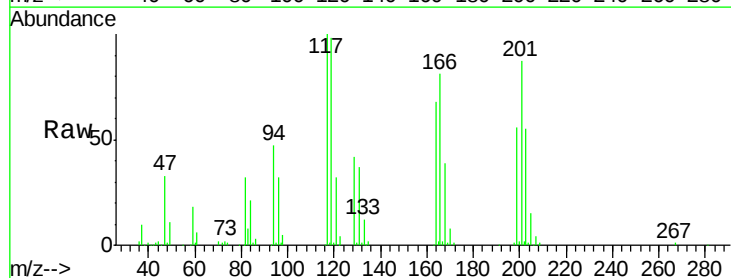
#89
n-Butylbenzene
Concen: 20.24 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

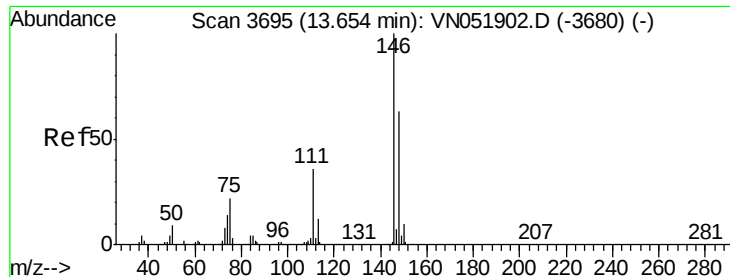
Tot Ion: 91 Resp: 491438
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 29.2 13.2 39.6



#90
Hexachloroethane
Concen: 20.66 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

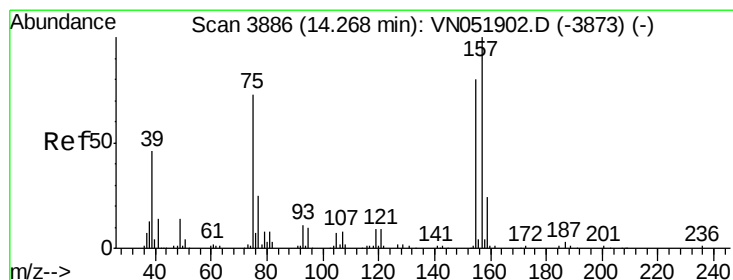
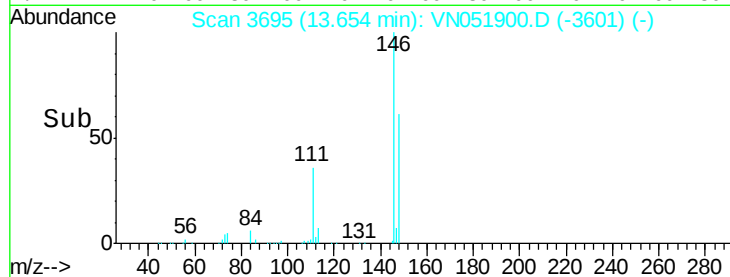
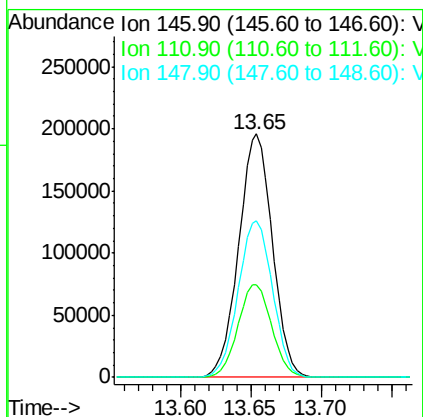
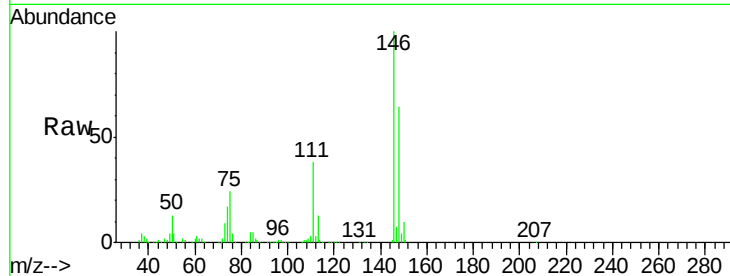
Tgt Ion: 117 Resp: 109932
Ion Ratio Lower Upper
117 100
201 84.9 46.0 137.8





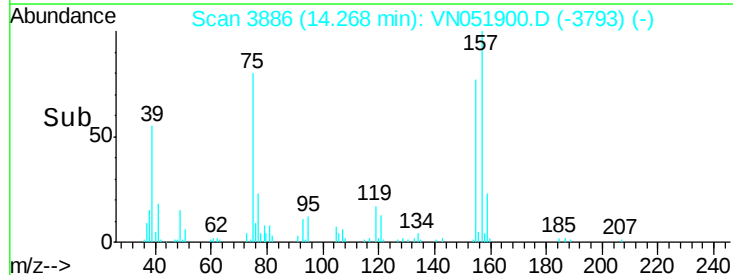
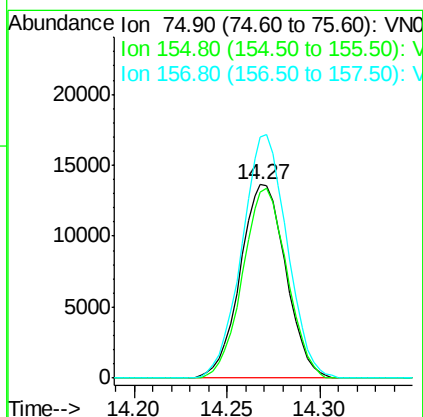
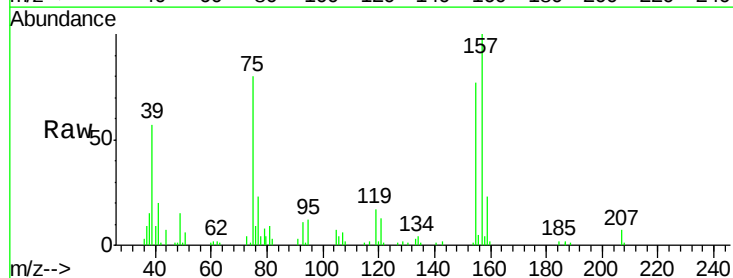
#91
 1,2-Dichlorobenzene
 Concen: 21.80 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

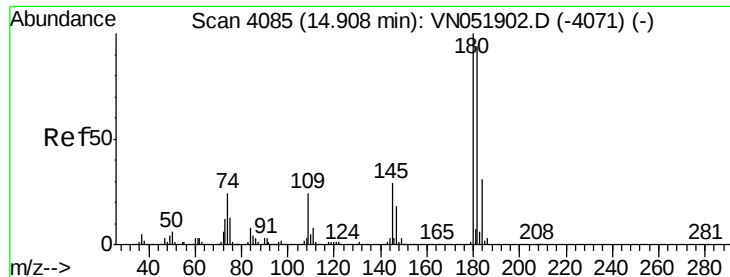
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.8	59.3
148	65.8	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.81 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

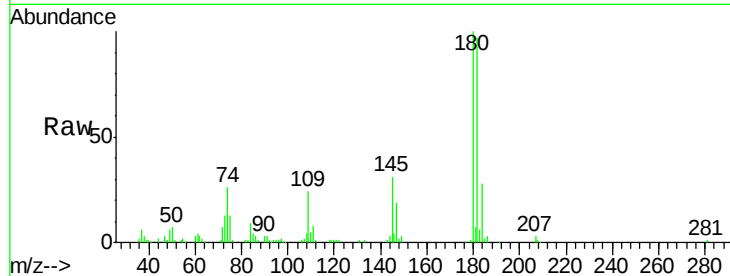
Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	46.4	139.1
157	125.0	60.7	182.0



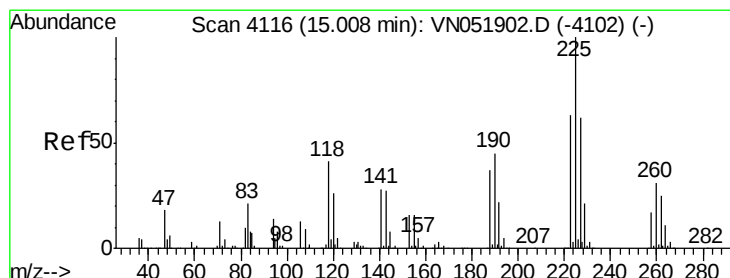
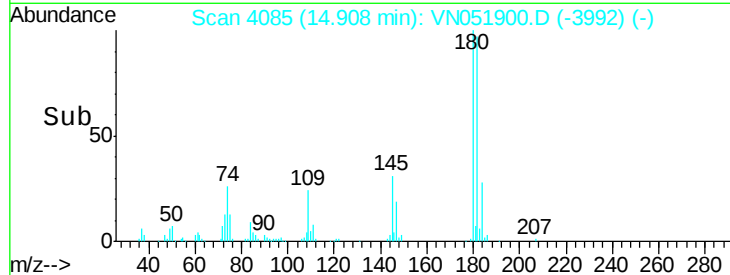
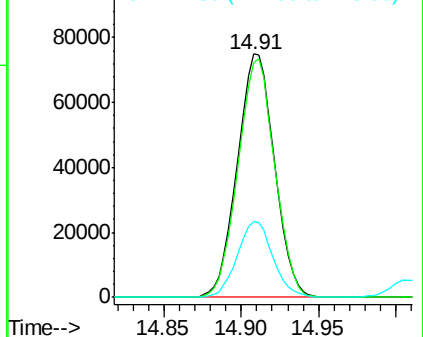


#93
 1,2,4-Trichlorobenzene
 Concen: 17.96 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.2	144.6
145	30.0	14.1	42.2

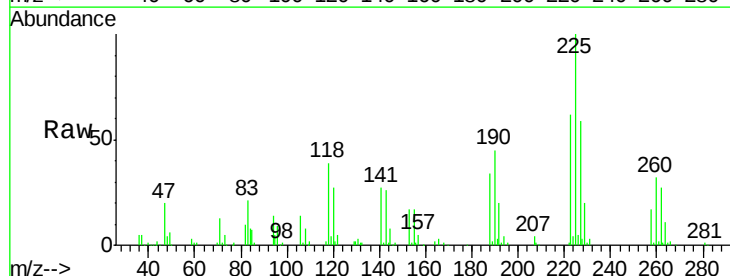


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

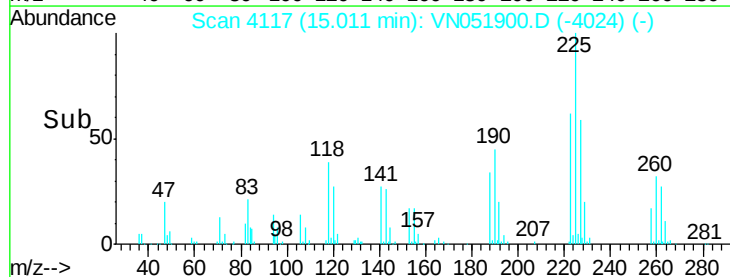
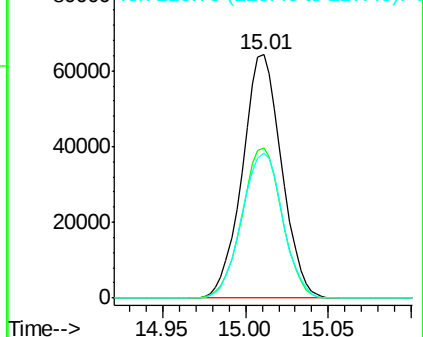


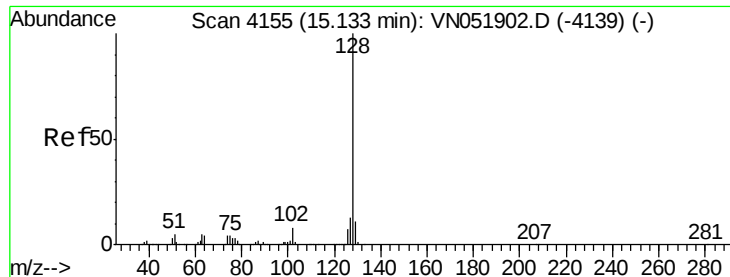
#94
 Hexachlorobutadiene
 Concen: 22.63 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	62.0	32.0	96.2



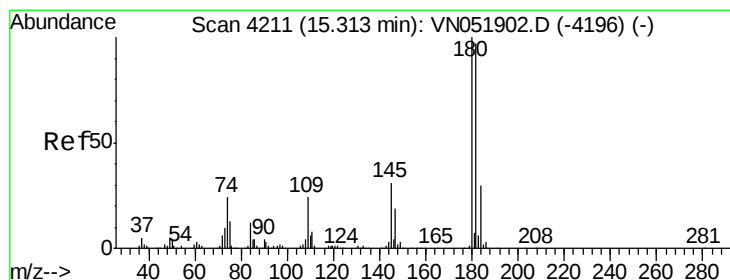
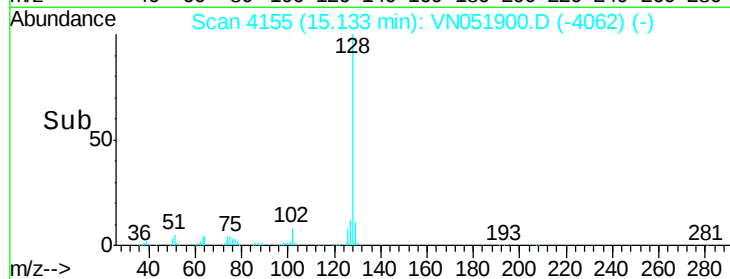
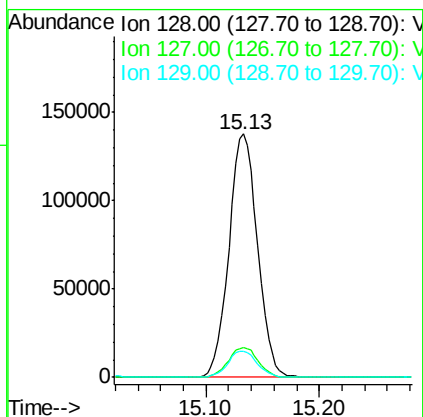
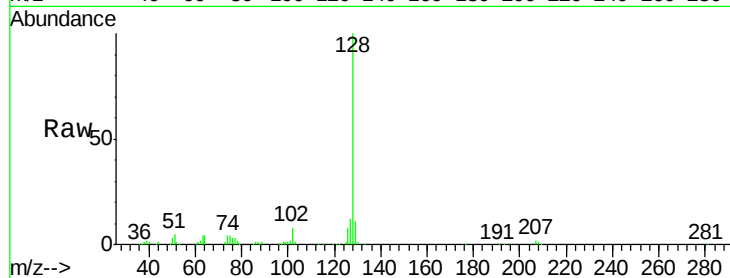
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 18.53 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.27 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	31.1	15.2	45.6

