

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101718\
 Data File : VN051902.D
 Acq On : 17 Oct 2018 10:35
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Quant Time: Oct 17 12:09:51 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	1003585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1459701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1377403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	746526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	880514	83.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.62%	
35) Dibromofluoromethane	7.59	113	914529	82.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.58%	
50) Toluene-d8	10.09	98	3366318	81.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.86%	
62) 4-Bromofluorobenzene	12.40	95	1198981	85.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	561845	102.91	ug/l	100
3) Chloromethane	2.06	50	549286	97.87	ug/l	98
4) Vinyl Chloride	2.18	62	836957	100.35	ug/l	99
5) Bromomethane	2.55	94	732714	104.08	ug/l	98
6) Chloroethane	2.70	64	602872	96.03	ug/l	97
7) Trichlorofluoromethane	3.01	101	1361843	103.10	ug/l	100
8) Diethyl Ether	3.41	74	397610	100.13	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.76	101	770059	94.23	ug/l	99
10) Methyl Iodide	3.95	142	1062407	114.48	ug/l	97
11) Tert butyl alcohol	4.79	59	277761	568.43	ug/l	99
12) 1,1-Dichloroethene	3.73	96	708340	98.48	ug/l	88
13) Acrolein	3.61	56	194702	567.62	ug/l	99
14) Allyl chloride	4.32	41	795844	94.63	ug/l #	74
15) Acrylonitrile	4.99	53	1042642	533.26	ug/l	98
16) Acetone	3.82	43	785922	436.71	ug/l	99
17) Carbon Disulfide	4.05	76	1765462	97.70	ug/l	100
18) Methyl Acetate	4.33	43	497213	104.54	ug/l #	84
19) Methyl tert-butyl Ether	5.05	73	2071833	100.53	ug/l	93
20) Methylene Chloride	4.55	84	785610	97.88	ug/l #	86
21) trans-1,2-Dichloroethene	5.04	96	808547	98.39	ug/l	88
22) Diisopropyl ether	5.96	45	1820032	96.69	ug/l #	91
23) Vinyl Acetate	5.90	43	6542374	500.73	ug/l #	90
24) 1,1-Dichloroethane	5.85	63	1283653	96.15	ug/l	97
25) 2-Butanone	6.84	43	1208449	499.88	ug/l #	86
26) 2,2-Dichloropropane	6.83	77	1251987	93.02	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	959201	98.38	ug/l	87
28) Bromochloromethane	7.20	49	540537	100.08	ug/l #	57
29) Tetrahydrofuran	7.21	42	740188	539.28	ug/l #	76
30) Chloroform	7.37	83	1575266	97.74	ug/l	100
31) Cyclohexane	7.65	56	1045925	92.07	ug/l #	80
32) 1,1,1-Trichloroethane	7.57	97	1506529	99.22	ug/l	95
36) 1,1-Dichloropropene	7.79	75	1106247	94.78	ug/l	94
37) Ethyl Acetate	6.93	43	538282	102.63	ug/l	96
38) Carbon Tetrachloride	7.77	117	1369632	97.57	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101718\
 Data File : VN051902.D
 Acq On : 17 Oct 2018 10:35
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Quant Time: Oct 17 12:09:51 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)

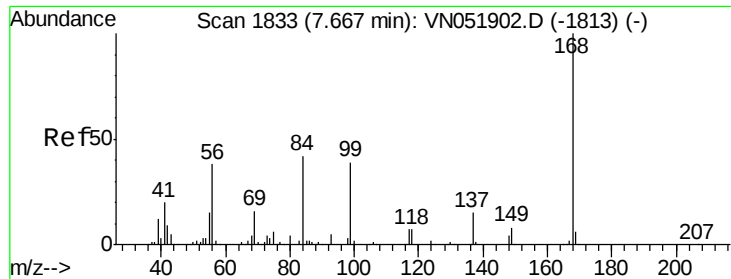
39) Methylcyclohexane	9.08	83	1411121	93.58	ug/l #	87
40) Benzene	8.04	78	3300697	95.23	ug/l	100
41) Methacrylonitrile	7.18	41	271320	106.04	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	1063512	96.87	ug/l	99
43) Isopropyl Acetate	8.17	43	1051111	101.02	ug/l #	95
44) Trichloroethene	8.83	130	1064110	98.34	ug/l	95
45) 1,2-Dichloropropane	9.12	63	764978	95.45	ug/l	100
46) Dibromomethane	9.21	93	602995	100.20	ug/l	97
47) Bromodichloromethane	9.40	83	1224797	97.12	ug/l	98
48) Methyl methacrylate	9.20	41	487587	104.21	ug/l #	76
49) 1,4-Dioxane	9.20	88	184680	2193.57	ug/l #	82
51) 4-Methyl-2-Pentanone	9.99	43	2819531	526.65	ug/l	95
52) Toluene	10.16	92	2337089	98.94	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1230529	99.34	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1336627	98.51	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	860090	101.94	ug/l	96
56) Ethyl methacrylate	10.43	69	1004896	105.41	ug/l	88
57) 1,3-Dichloropropane	10.71	76	1279535	99.44	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	2150743	530.14	ug/l #	85
59) 2-Hexanone	10.75	43	1926771	511.42	ug/l	96
60) Dibromochloromethane	10.90	129	1109900	105.03	ug/l	100
61) 1,2-Dibromoethane	11.01	107	926728	105.22	ug/l	99
64) Tetrachloroethene	10.63	164	1053450	96.15	ug/l	99
65) Chlorobenzene	11.43	112	2781788	101.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1076933	101.83	ug/l	99
67) Ethyl Benzene	11.51	91	4547492	99.32	ug/l	96
68) m/p-Xylenes	11.62	106	3773436	202.17	ug/l	93
69) o-Xylene	11.95	106	1841813	100.86	ug/l	92
70) Styrene	11.96	104	2985385	103.85	ug/l	98
71) Bromoform	12.13	173	794173	114.98	ug/l #	99
73) Isopropylbenzene	12.25	105	4982276	98.69	ug/l	98
74) N-amyl acetate	12.07	43	955347	109.01	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	1020560	105.49	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	1242617	163.80	ug/l #	100
77) Bromobenzene	12.53	156	1350493	105.85	ug/l	82
78) n-propylbenzene	12.59	91	5391046	97.83	ug/l	94
79) 2-Chlorotoluene	12.67	91	3111920	98.23	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	4200046	99.33	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	281061	106.83	ug/l	95
82) 4-Chlorotoluene	12.77	91	3199188	99.72	ug/l	93
83) tert-Butylbenzene	12.99	119	3805104	98.26	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	4240749	98.91	ug/l	97
85) sec-Butylbenzene	13.17	105	5047379	98.29	ug/l	97
86) p-Isopropyltoluene	13.29	119	4650887	99.86	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2452645	105.71	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	2404648	107.49	ug/l	98
89) n-Butylbenzene	13.62	91	3622455	100.14	ug/l	97
90) Hexachloroethane	13.88	117	790730	99.75	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2369441	105.92	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	154205	105.34	ug/l	79

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101718\
Data File : VN051902.D
Acq On : 17 Oct 2018 10:35
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 28

Quant Time: Oct 17 12:09:51 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)
93) 1,2,4-Trichlorobenzene	14.91	180	1218328	117.31	ug/l	99
94) Hexachlorobutadiene	15.01	225	705379	101.35	ug/l	99
95) Naphthalene	15.13	128	2517275	129.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1181031	120.40	ug/l	98

(#) = 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: VN051902.D

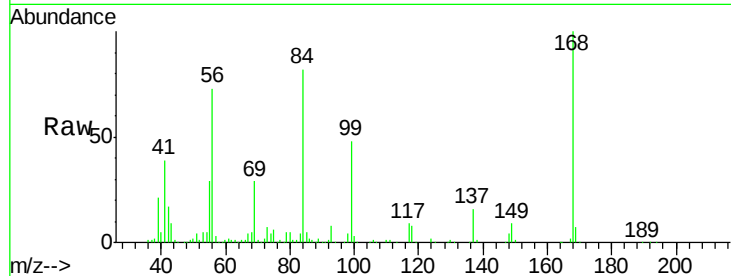
Acq: 17 Oct 2018 10:35

Tot Ion:168 Resp: 1003585

Ion Ratio Lower Upper

168 100

99 47.2 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

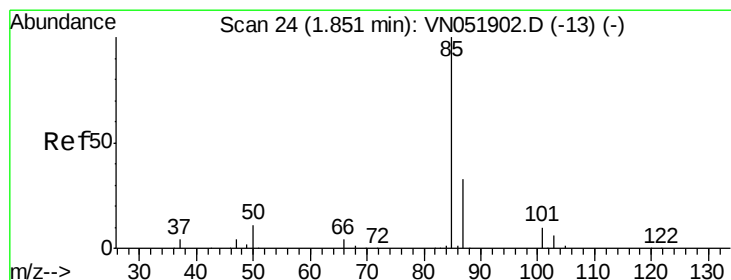
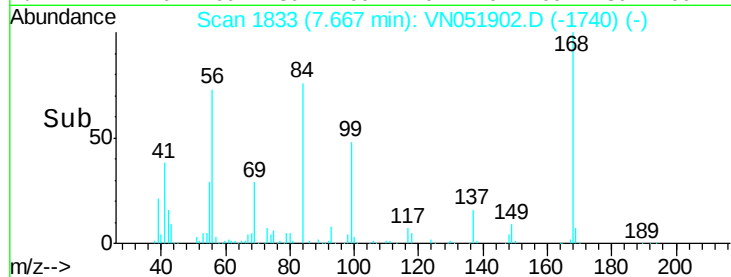
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 102.91 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.01 min

Lab File: VN051902.D

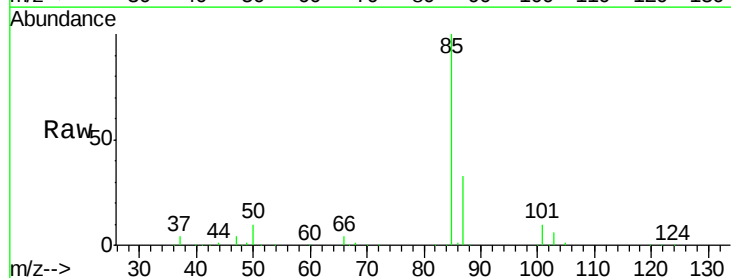
Acq: 17 Oct 2018 10:35

Tgt Ion: 85 Resp: 561845

Ion Ratio Lower Upper

85 100

87 32.8 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

400000

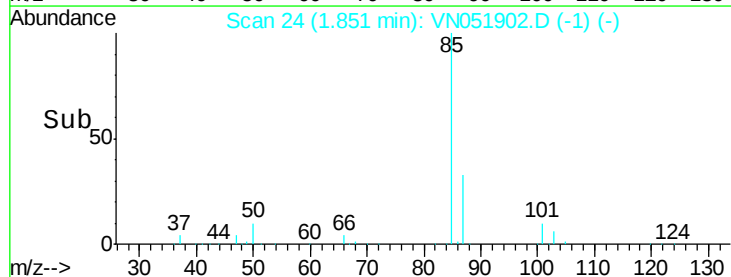
300000

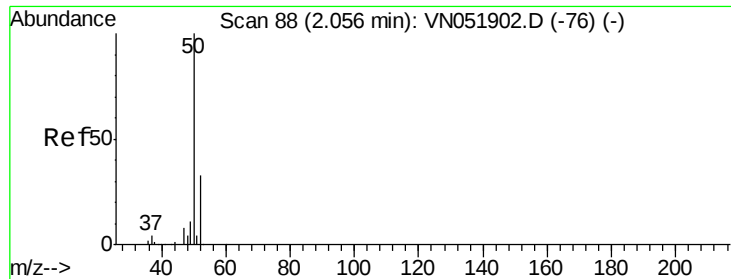
200000

100000

0

Time-->





#3

Chloromethane

Concen: 97.87 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.01 min

Lab File: VN051902.D

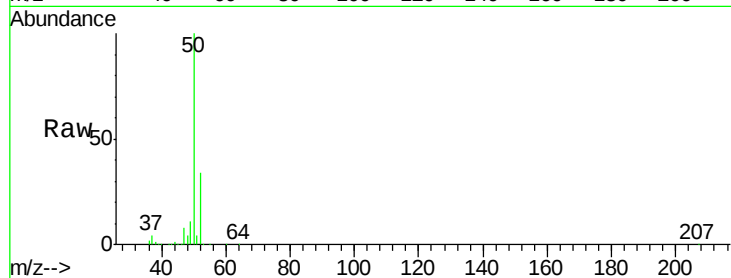
Acq: 17 Oct 2018 10:35

Tot Ion: 50 Resp: 549286

Ion Ratio Lower Upper

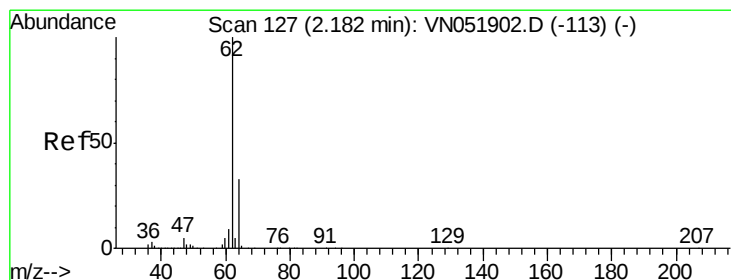
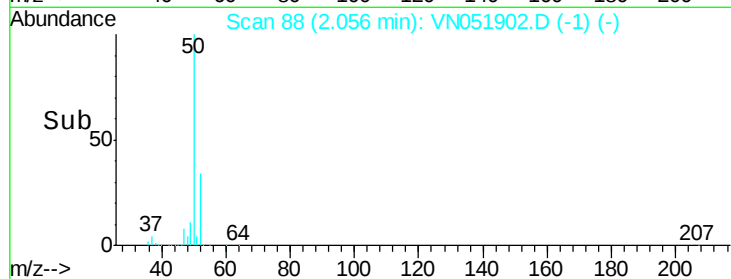
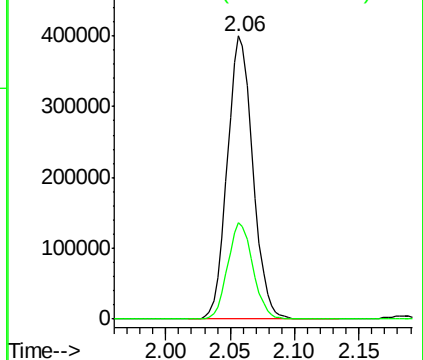
50 100

52 34.1 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: 100.35 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.01 min

Lab File: VN051902.D

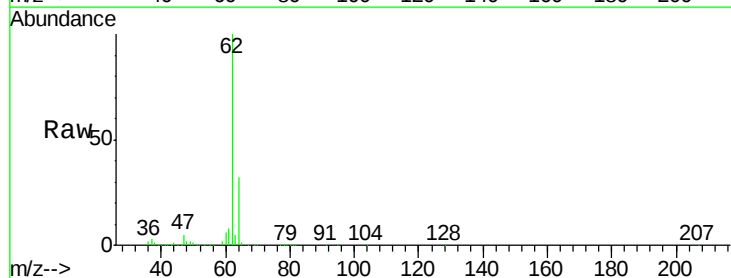
Acq: 17 Oct 2018 10:35

Tgt Ion: 62 Resp: 836957

Ion Ratio Lower Upper

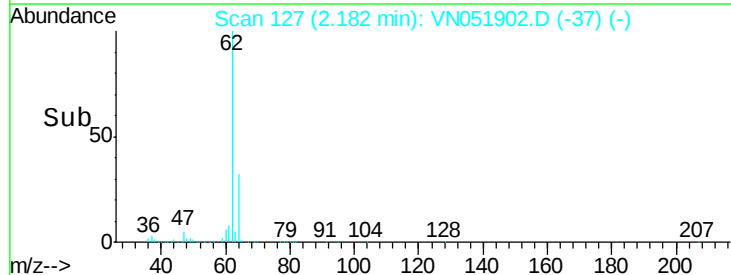
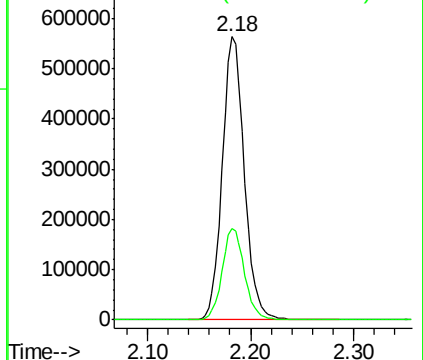
62 100

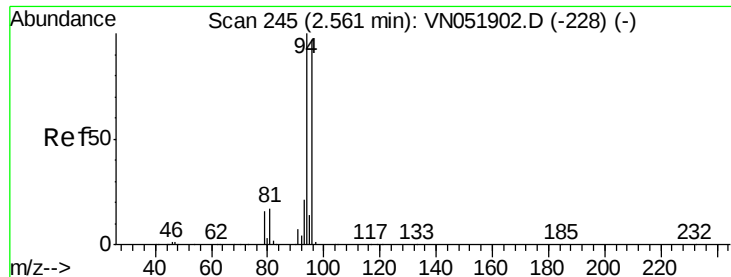
64 32.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 104.08 ug/l

RT: 2.55 min Scan# 242

Delta R.T. -0.02 min

Lab File: VN051902.D

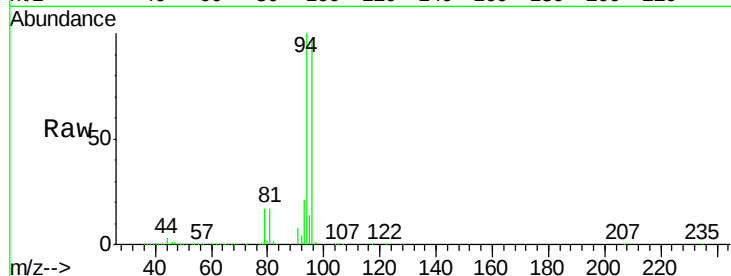
Acq: 17 Oct 2018 10:35

Tot Ion: 94 Resp: 732714

Ion Ratio Lower Upper

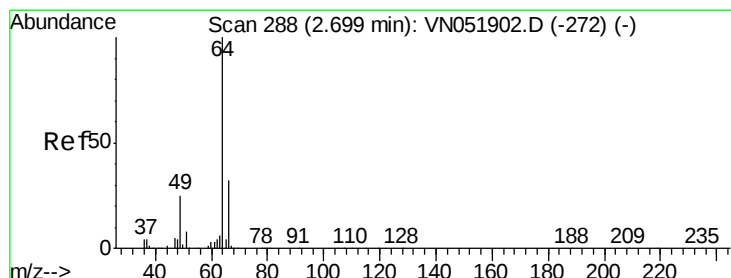
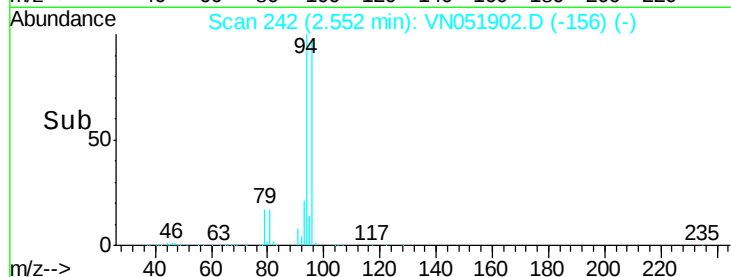
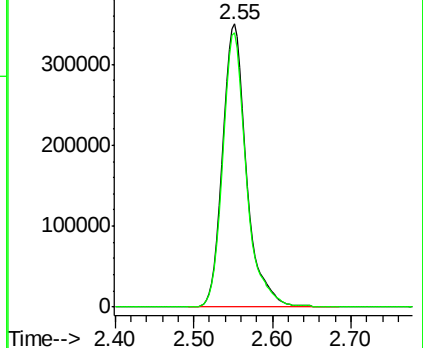
94 100

96 97.1 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN051902.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN051902.D (-228) (-)



#6

Chloroethane

Concen: 96.03 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.02 min

Lab File: VN051902.D

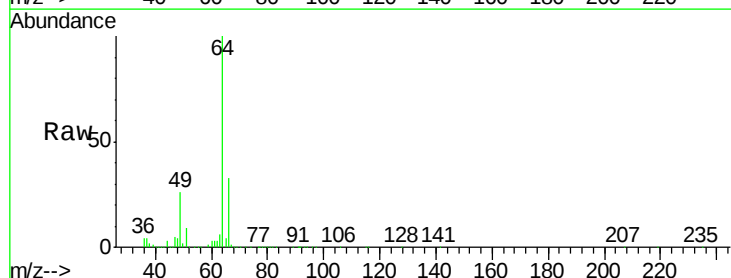
Acq: 17 Oct 2018 10:35

Tgt Ion: 64 Resp: 602872

Ion Ratio Lower Upper

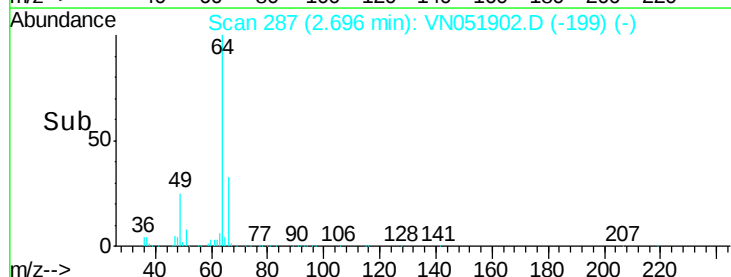
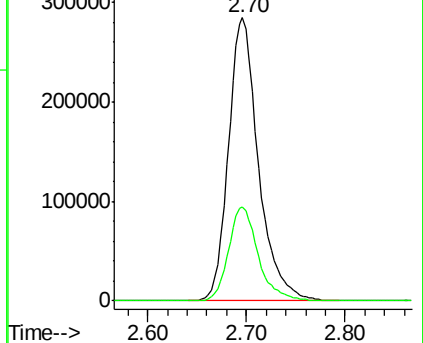
64 100

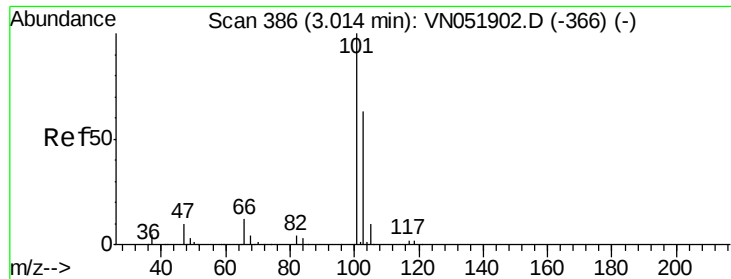
66 33.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN051902.D (-272) (-)

Ion 65.90 (65.60 to 66.60): VN051902.D (-272) (-)

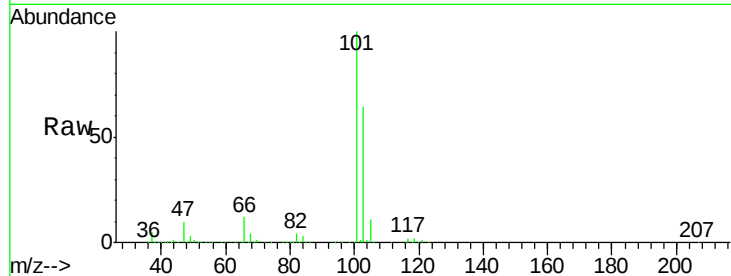




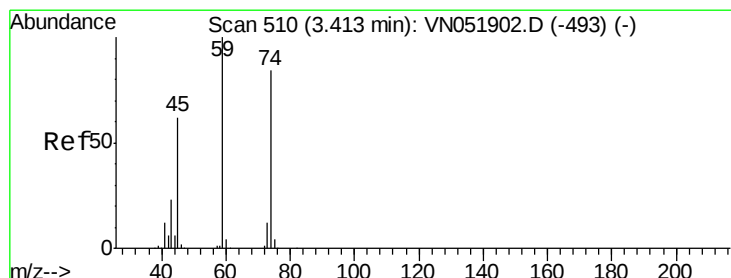
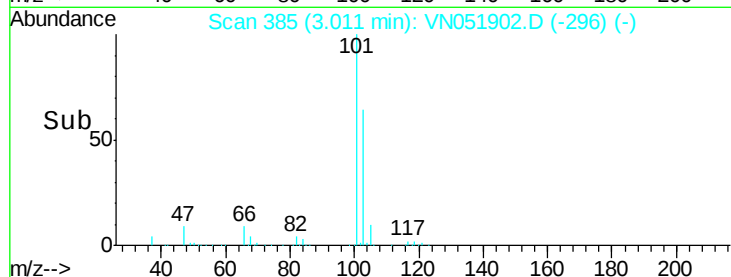
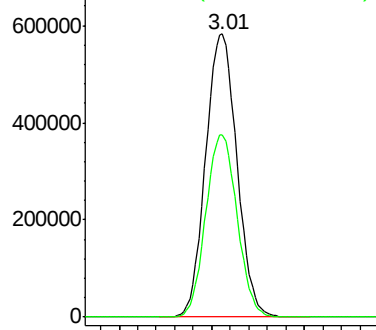
#7

Trichlorofluoromethane
 Concen: 103.10 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

Tot Ion:101 Resp: 1361843
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.6 77.4



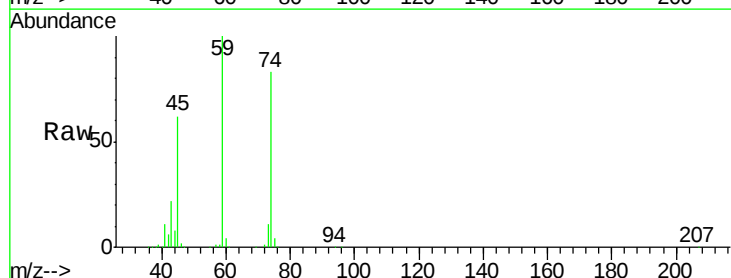
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



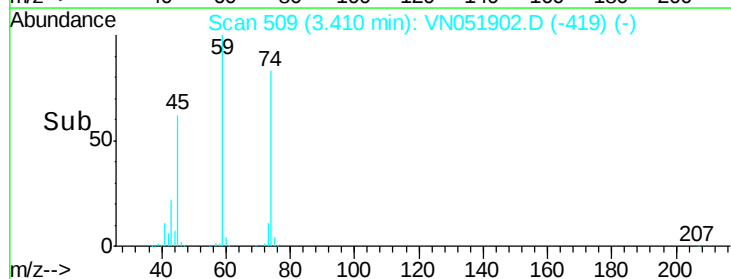
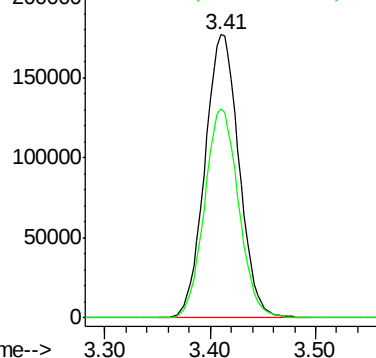
#8

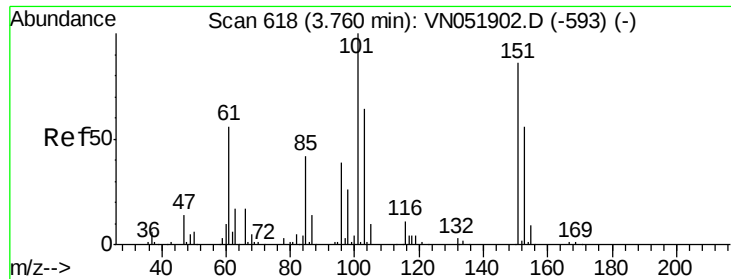
Diethyl Ether
 Concen: 100.13 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

Tgt Ion: 74 Resp: 397610
 Ion Ratio Lower Upper
 74 100
 45 73.6 48.2 144.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.23 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.01 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

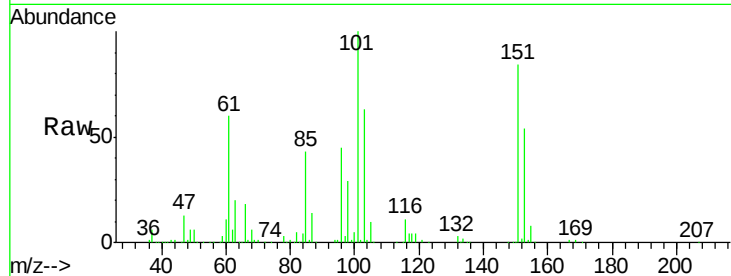
Tot Ion:101 Resp: 770059

Ion Ratio Lower Upper

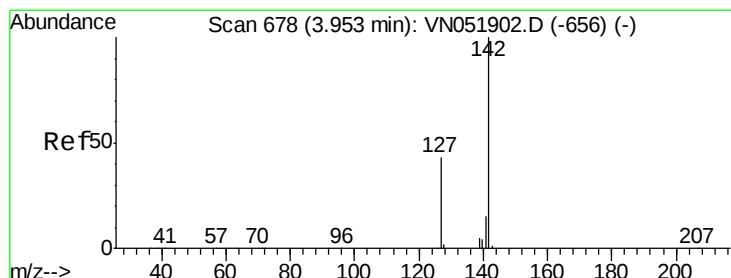
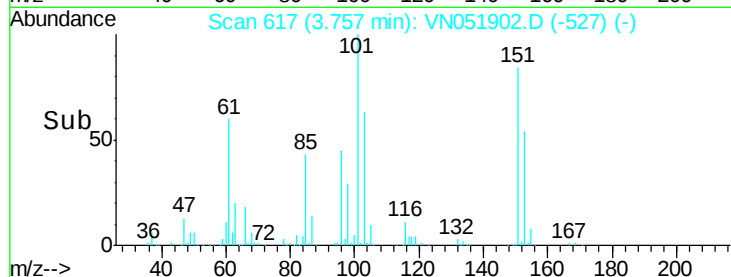
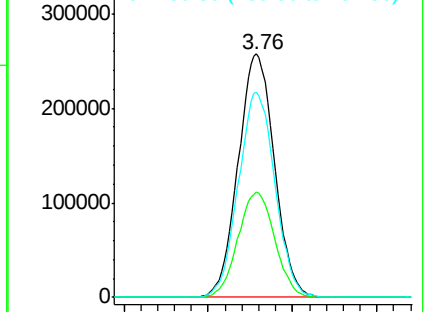
101 100

85 43.8 33.7 50.5

151 85.1 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: 114.48 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.01 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

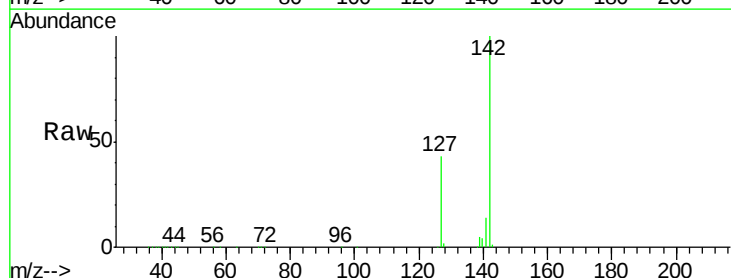
Tgt Ion:142 Resp: 1062407

Ion Ratio Lower Upper

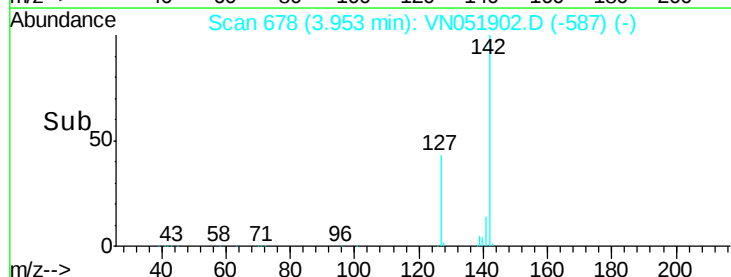
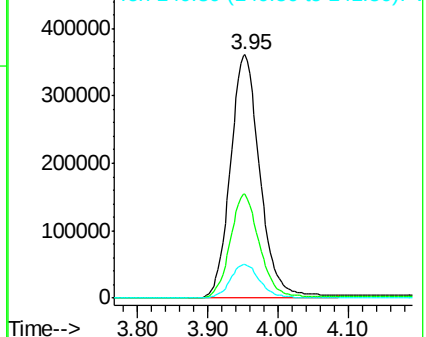
142 100

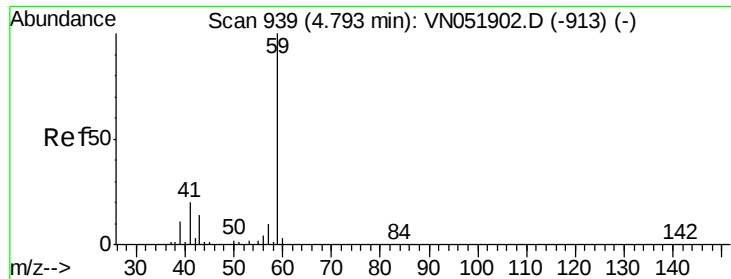
127 42.3 31.7 47.5

141 14.0 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: 568.43 ug/l

RT: 4.79 min Scan# 938

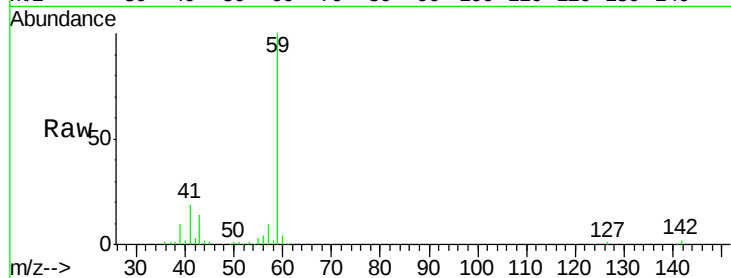
Delta R.T. -0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

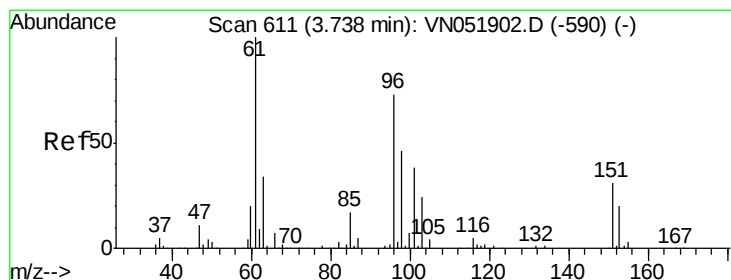
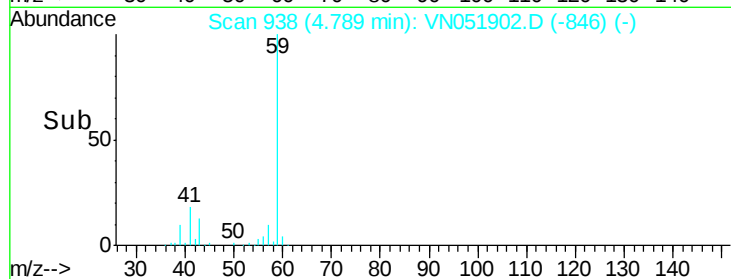
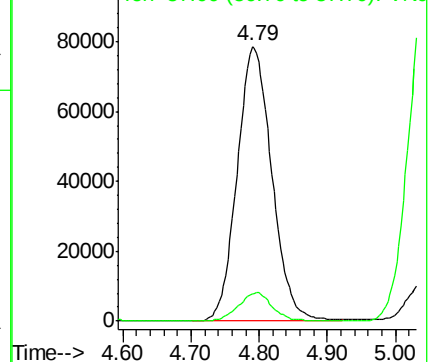
Tot Ion: 59 Resp: 277761

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5



Abundance Ion 59.00 (58.70 to 59.70): VN051902.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN051902.D (-913) (-)



#12

1,1-Dichloroethene

Concen: 98.48 ug/l

RT: 3.73 min Scan# 610

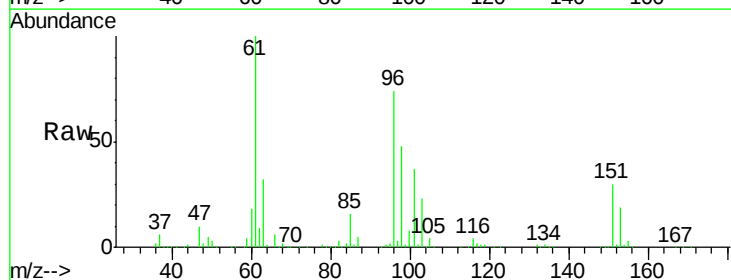
Delta R.T. -0.01 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tgt Ion: 96 Resp: 708340

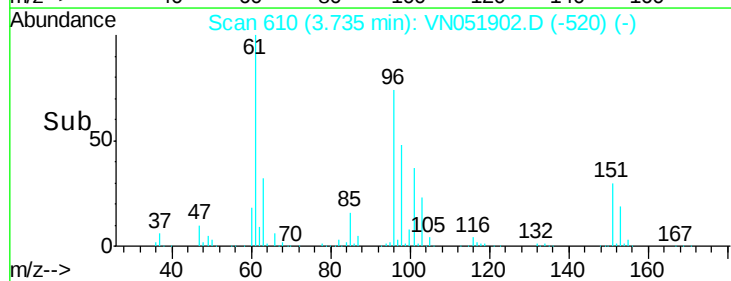
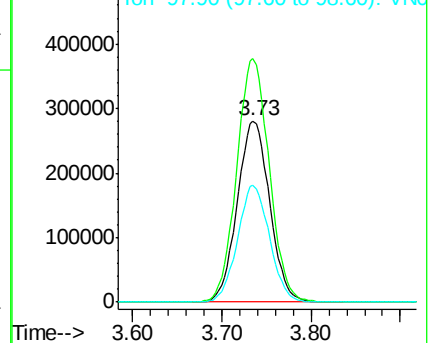
Ion	Ratio	Lower	Upper
96	100		
61	134.4	124.9	187.3
98	64.8	51.1	76.7

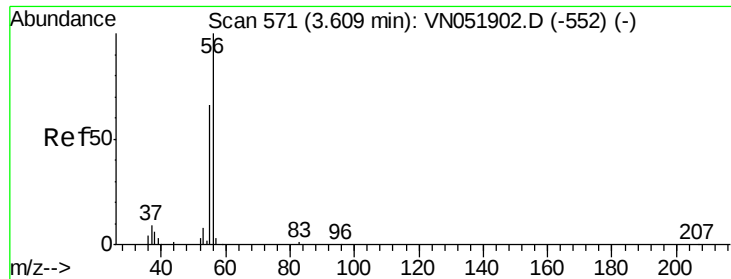


Abundance Ion 95.90 (95.60 to 96.60): VN051902.D (-590) (-)

Ion 60.90 (60.60 to 61.60): VN051902.D (-590) (-)

Ion 97.90 (97.60 to 98.60): VN051902.D (-590) (-)





#13

Acrolein

Concen: 567.62 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.01 min

Lab File: VN051902.D

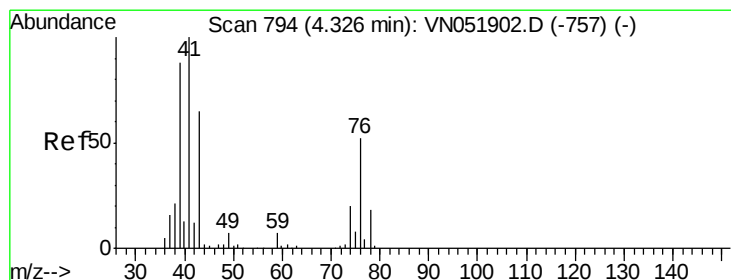
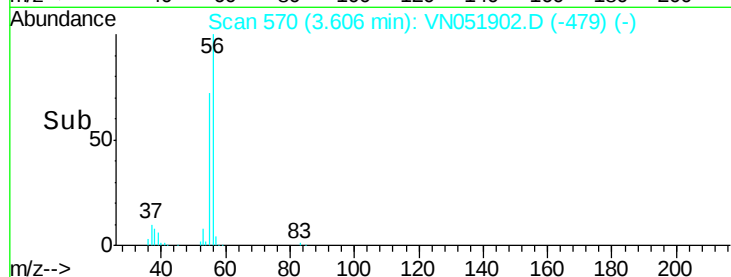
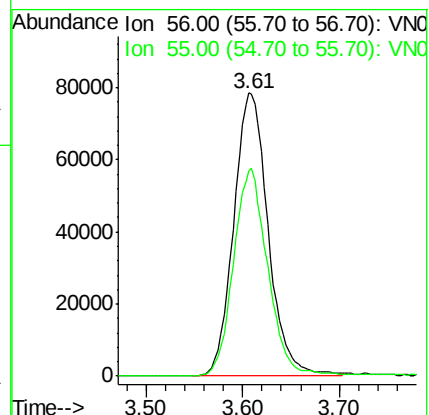
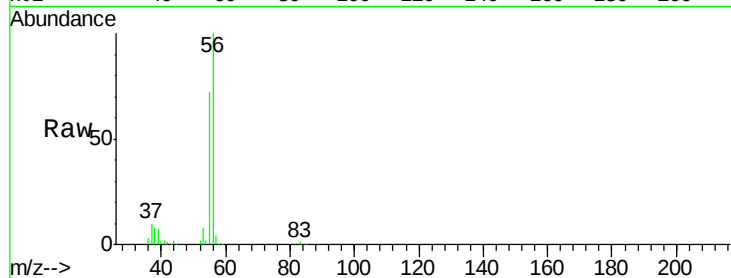
Acq: 17 Oct 2018 10:35

Tot Ion: 56 Resp: 194702

Ion Ratio Lower Upper

56 100

55 71.6 57.7 86.5



#14

Allyl chloride

Concen: 94.63 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

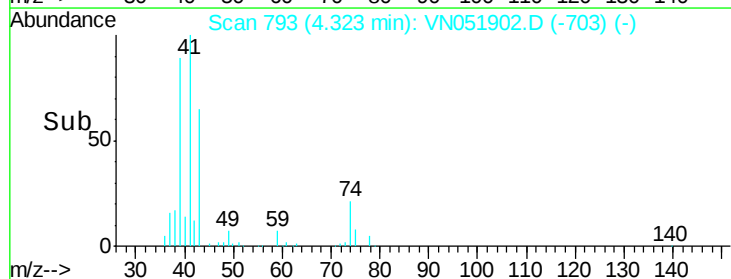
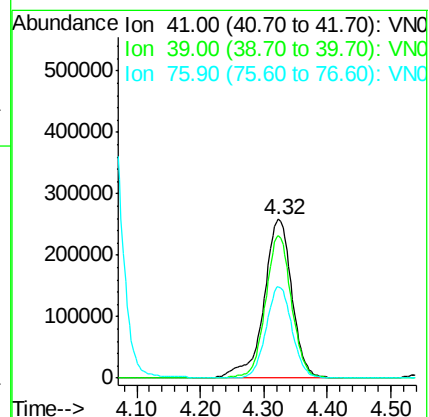
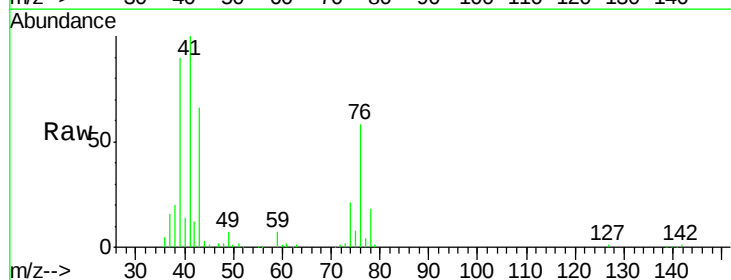
Tgt Ion: 41 Resp: 795844

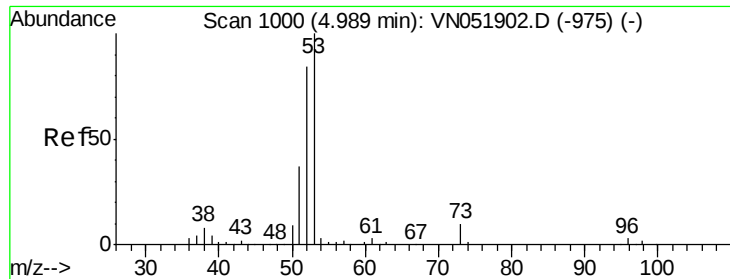
Ion Ratio Lower Upper

41 100

39 83.4 50.2 75.2#

76 52.6 29.8 44.8#





#15

Acrylonitrile

Concen: 533.26 ug/l

RT: 4.99 min Scan# 1001

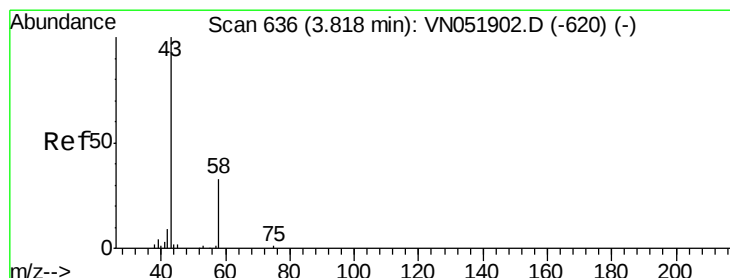
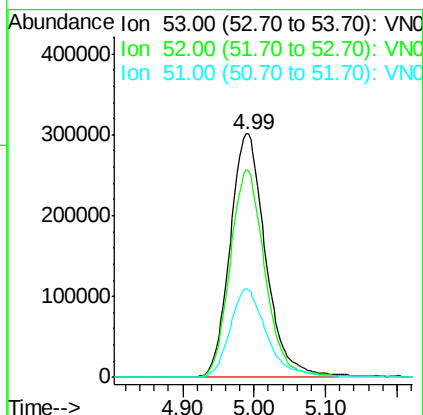
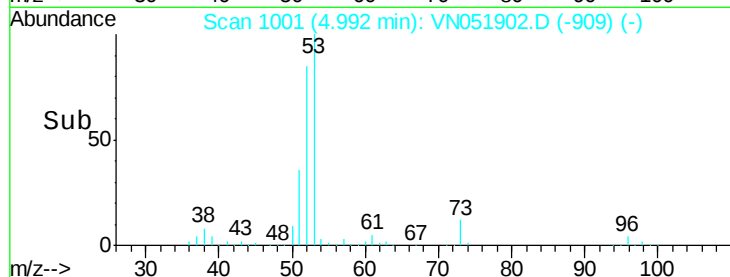
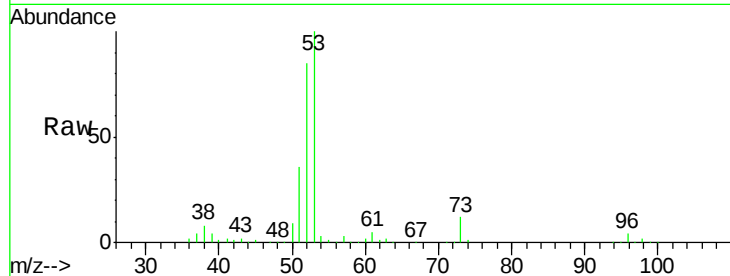
Delta R.T. -0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tot Ion: 53 Resp: 1042642

Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.9	98.9
51	37.5	28.6	43.0



#16

Acetone

Concen: 436.71 ug/l

RT: 3.82 min Scan# 636

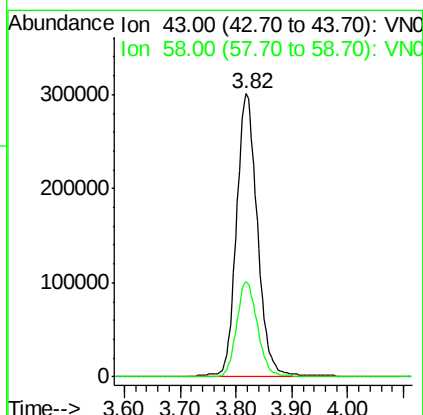
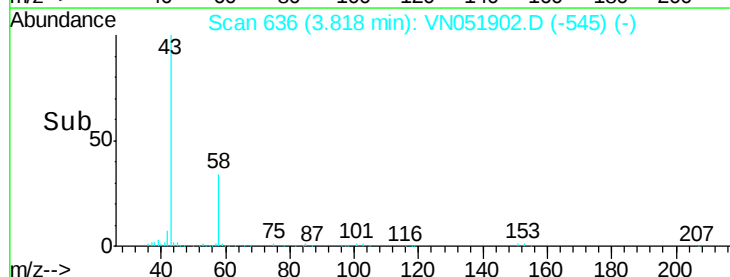
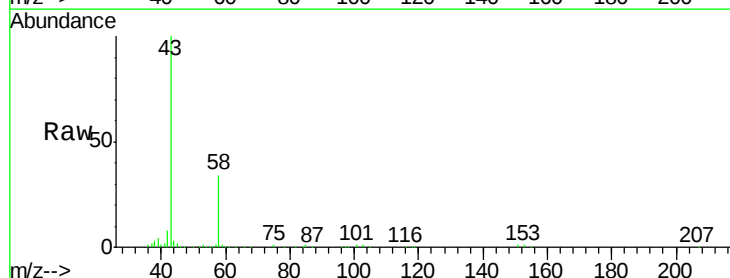
Delta R.T. -0.01 min

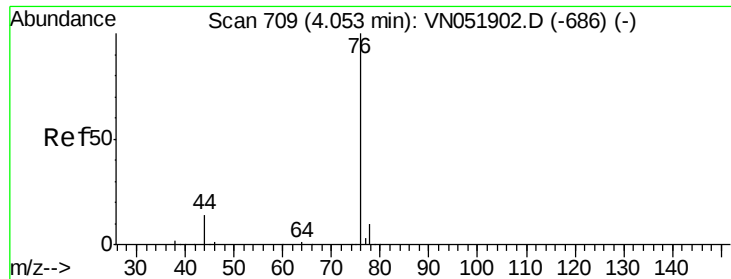
Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tgt Ion: 43 Resp: 785922

Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.2	40.8





#17

Carbon Disulfide

Concen: 97.70 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VN051902.D

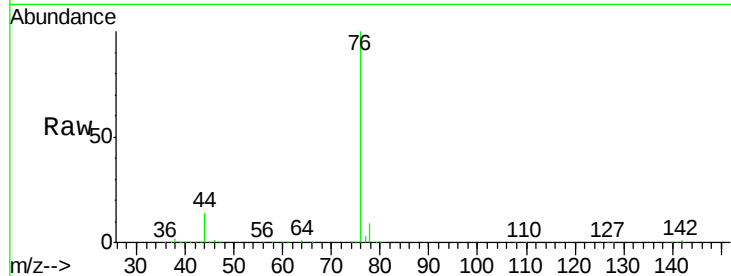
Acq: 17 Oct 2018 10:35

Tot Ion: 76 Resp: 1765462

Ion Ratio Lower Upper

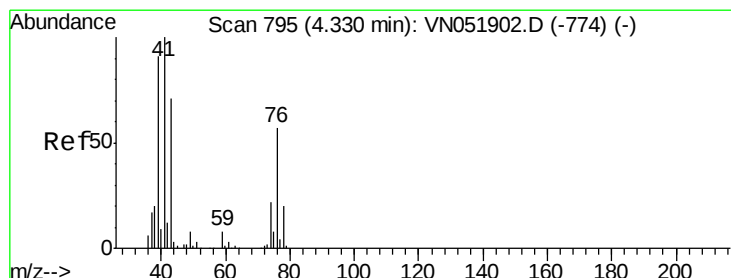
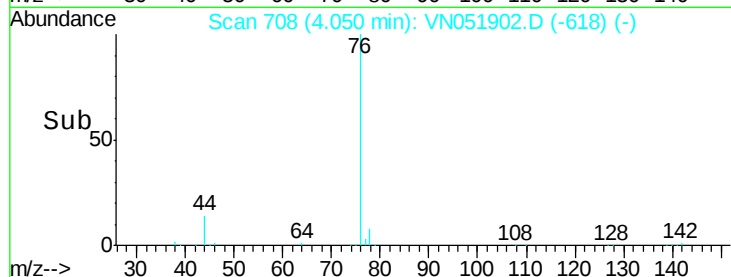
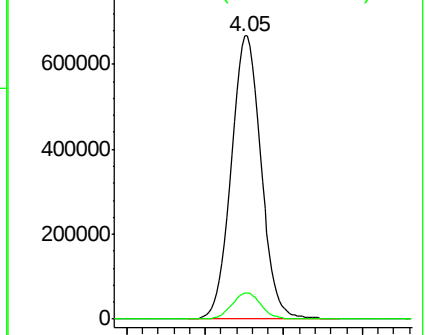
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 104.54 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.01 min

Lab File: VN051902.D

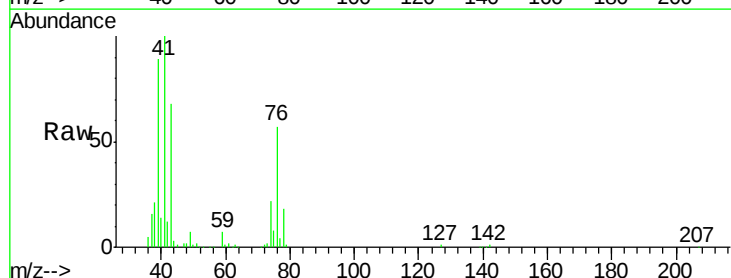
Acq: 17 Oct 2018 10:35

Tgt Ion: 43 Resp: 497213

Ion Ratio Lower Upper

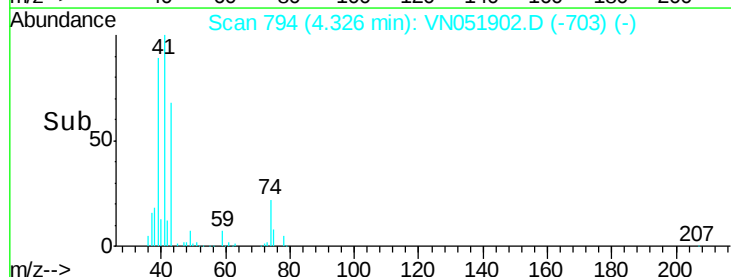
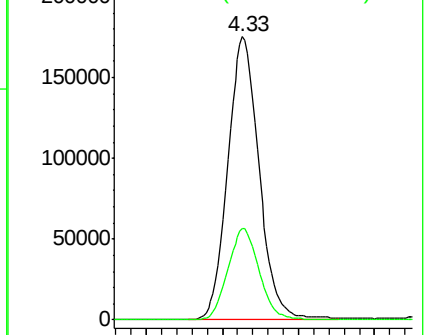
43 100

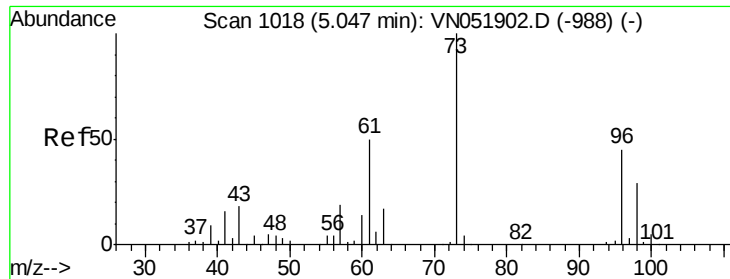
74 32.6 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VNC

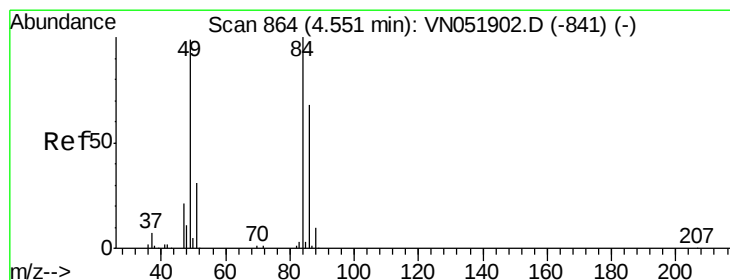
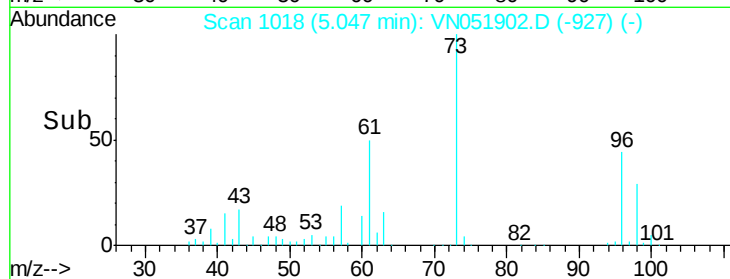
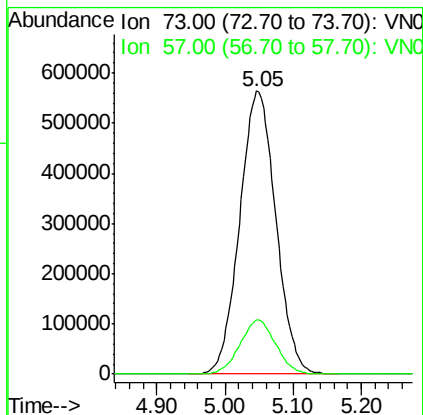
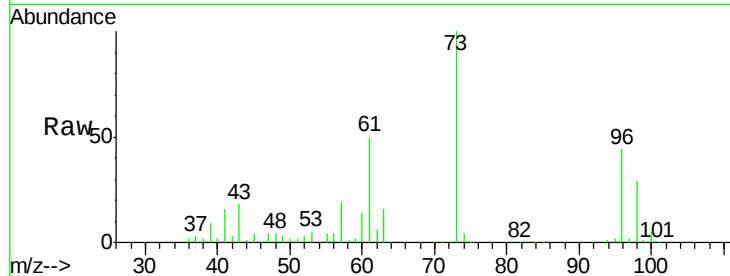
Ion 74.00 (73.70 to 74.70): VNC





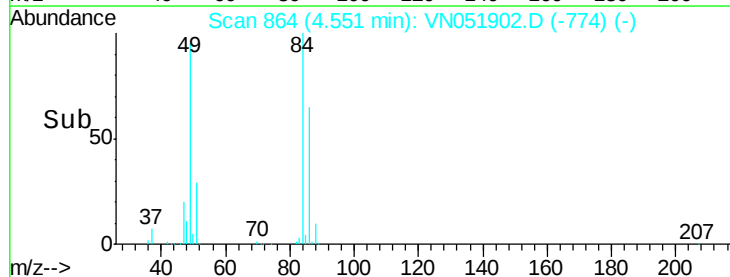
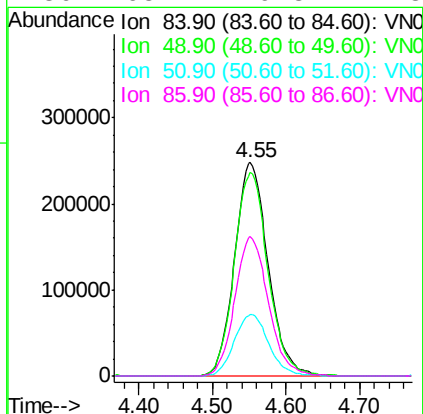
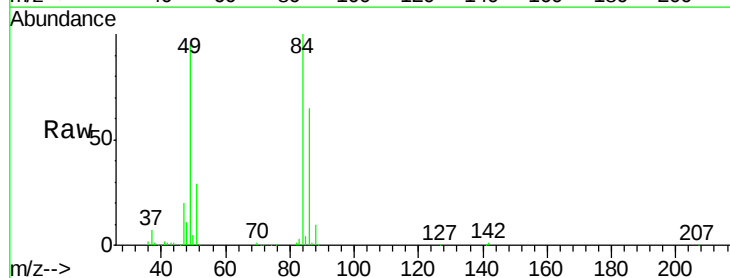
#19
Methvl tert-butvl Ether
Concen: 100.53 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

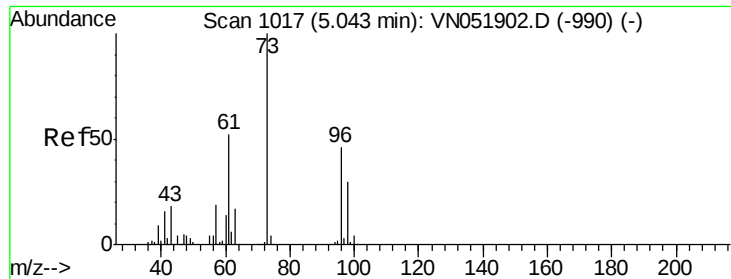
Tot Ion: 73 Resp: 2071833
Ion Ratio Lower Upper
73 100
57 19.0 17.8 26.8



#20
Methylene Chloride
Concen: 97.88 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.01 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

Tgt Ion: 84 Resp: 785610
Ion Ratio Lower Upper
84 100
49 95.1 93.2 139.8
51 28.9 29.0 43.6#
86 65.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 98.39 ug/l

RT: 5.04 min Scan# 1017

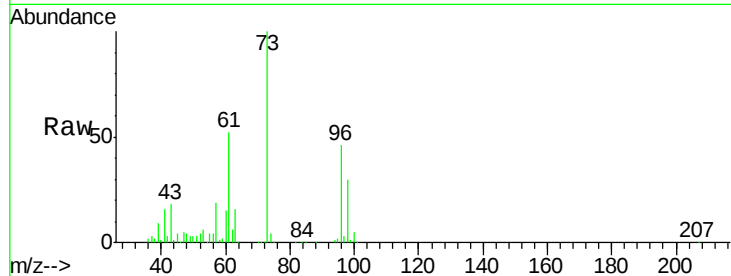
Delta R.T. -0.01 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tot Ion: 96 Resp: 808547

Ion	Ratio	Lower	Upper
96	100		
61	113.8	107.4	161.0
98	65.1	50.7	76.1

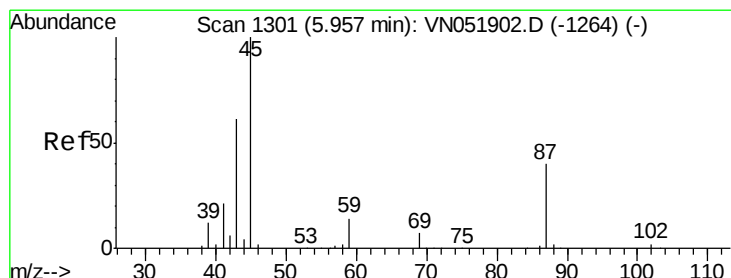
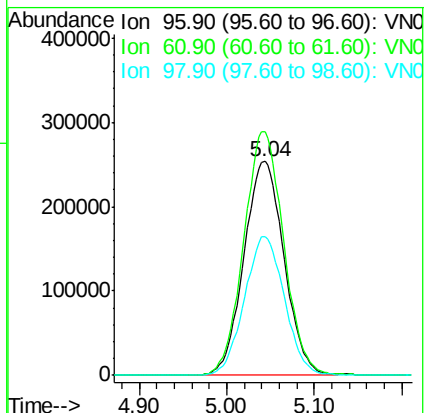
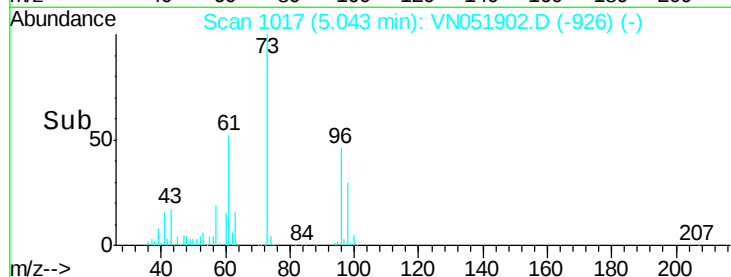


Abundance

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: 96.69 ug/l

RT: 5.96 min Scan# 1301

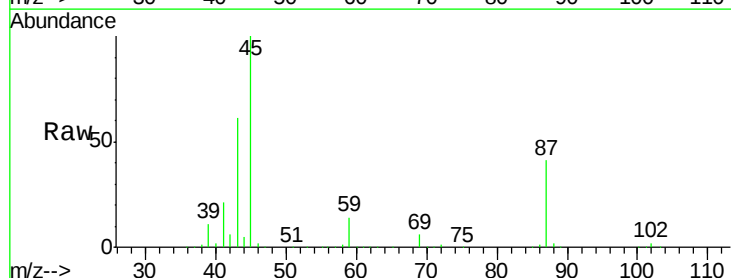
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tgt Ion: 45 Resp: 1820032

Ion	Ratio	Lower	Upper
45	100		
43	59.6	45.9	68.9
87	40.7	22.7	34.1#
59	13.9	9.3	13.9



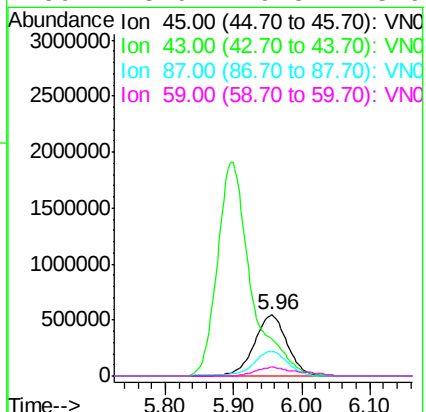
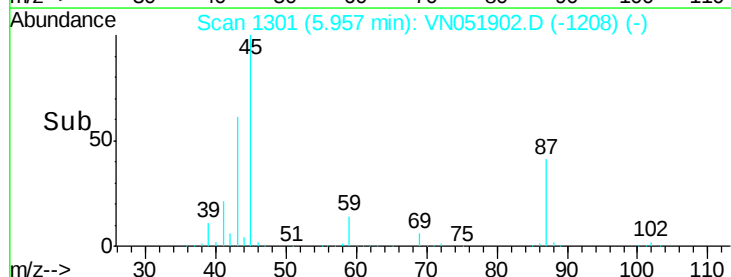
Abundance

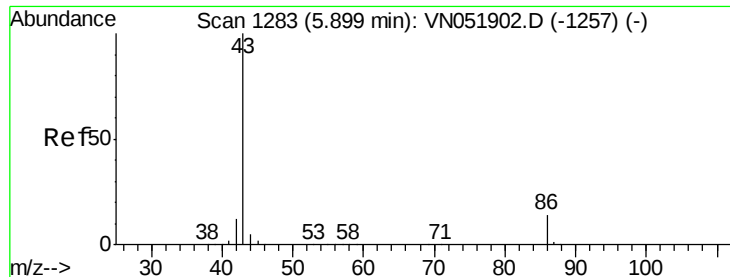
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

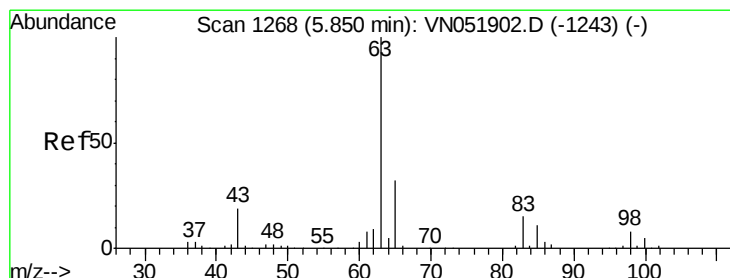
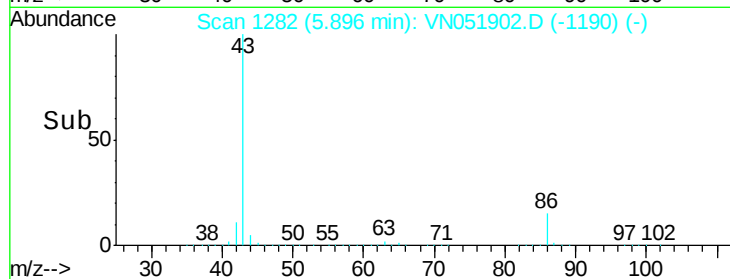
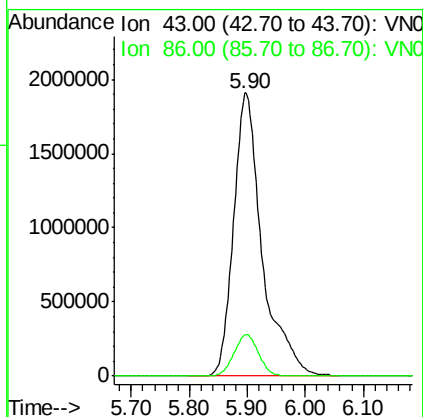
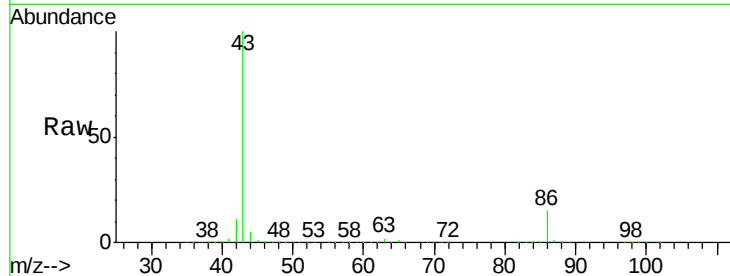
Ion 59.00 (58.70 to 59.70): VN0





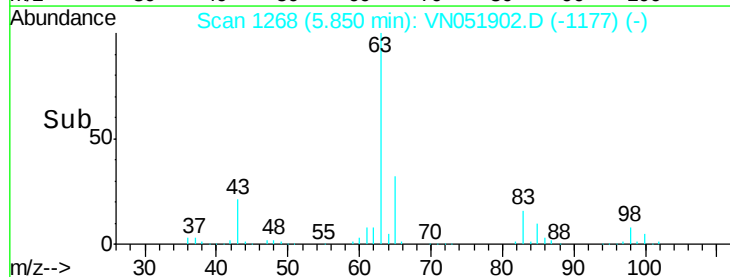
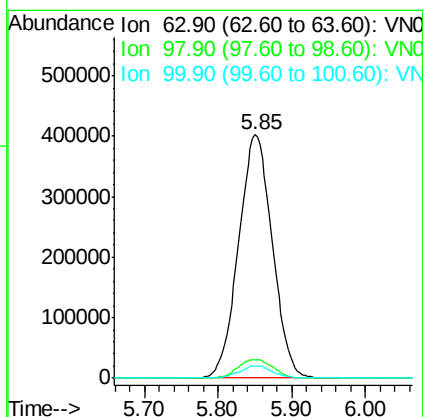
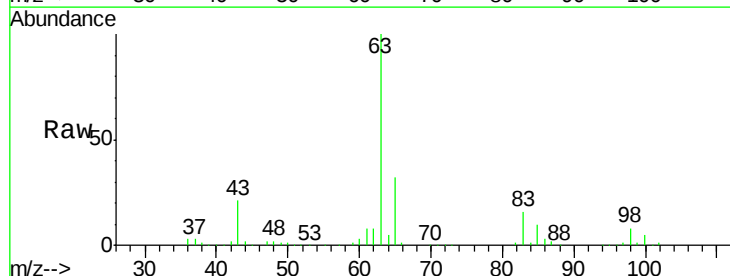
#23
 Vinyl Acetate
 Concen: 500.73 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

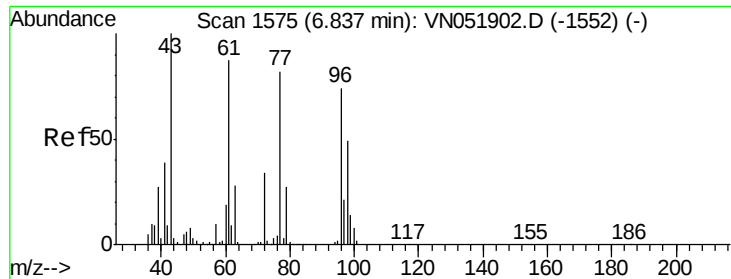
Tot Ion: 43 Resp: 6542374
 Ion Ratio Lower Upper
 43 100
 86 14.7 8.7 13.1#



#24
 1,1-Dichloroethane
 Concen: 96.15 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

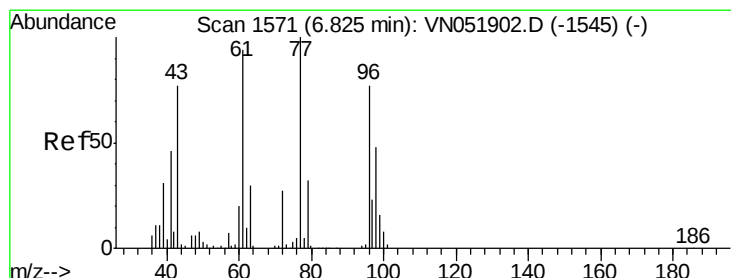
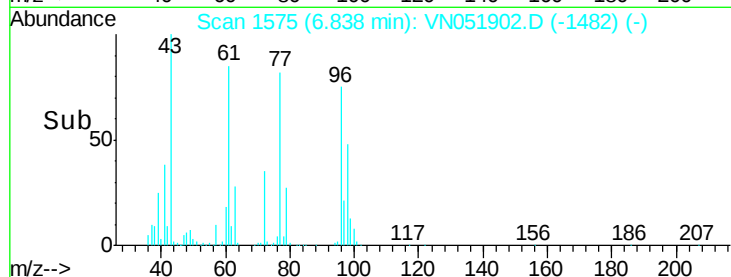
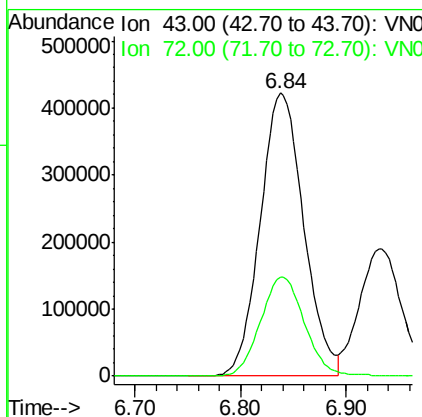
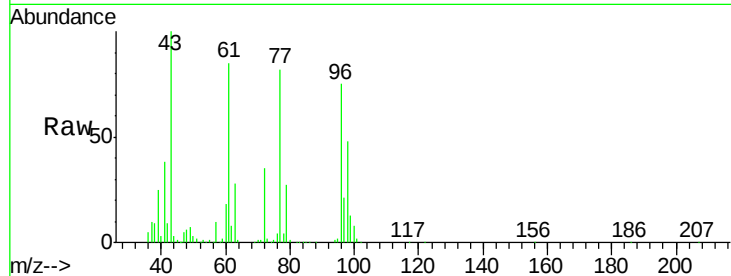
Tgt Ion: 63 Resp: 1283653
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 5.0 2.1 6.5





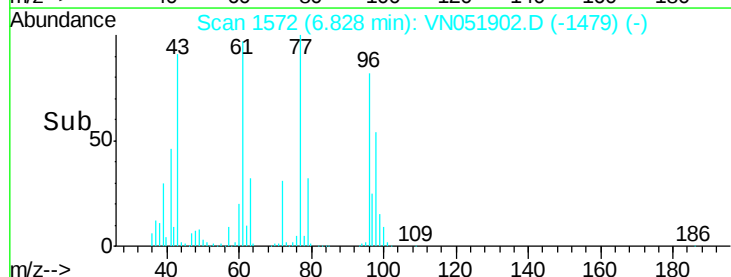
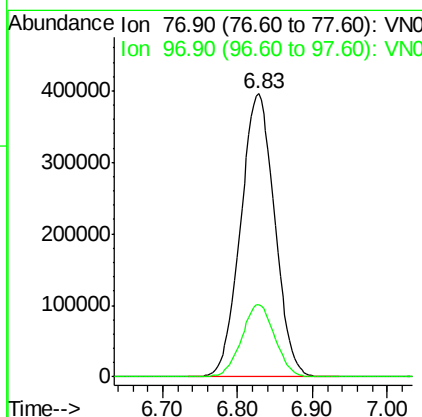
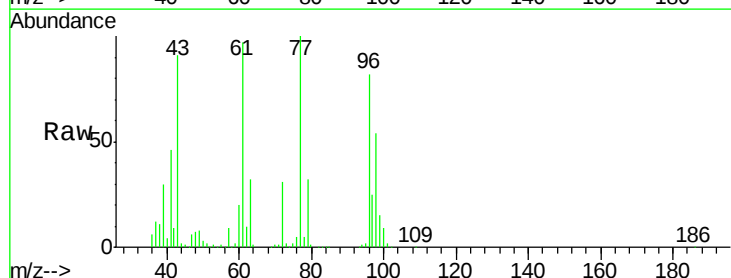
#25
 2-Butanone
 Concen: 499.88 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

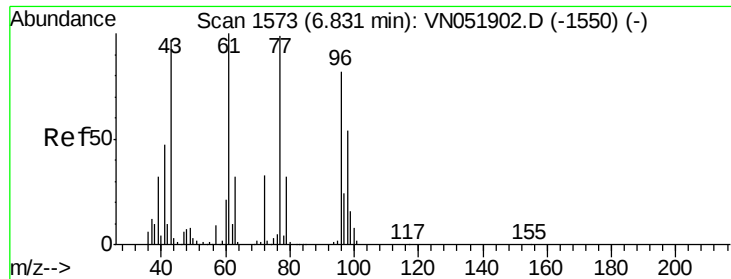
Tot Ion: 43 Resp: 1208449
 Ion Ratio Lower Upper
 43 100
 72 35.2 22.3 33.5#



#26
 2,2-Dichloropropane
 Concen: 93.02 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

Tgt Ion: 77 Resp: 1251987
 Ion Ratio Lower Upper
 77 100
 97 25.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 98.38 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

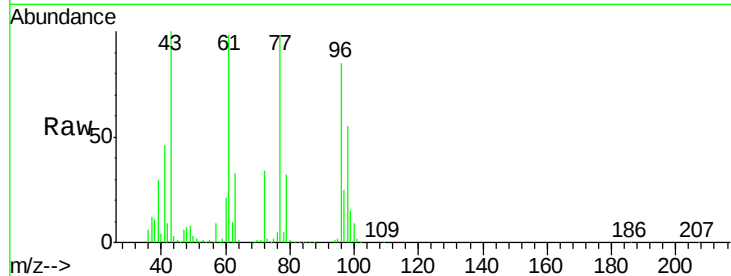
Tot Ion: 96 Resp: 959201

Ion Ratio Lower Upper

96 100

61 118.2 0.0 283.4

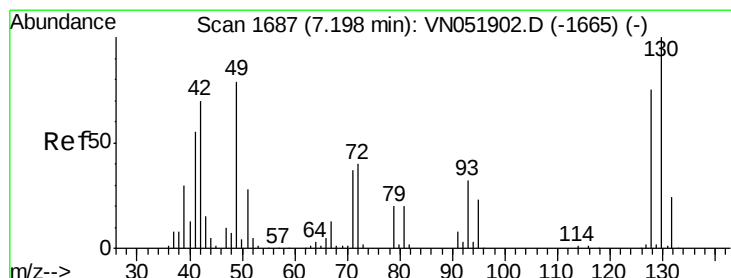
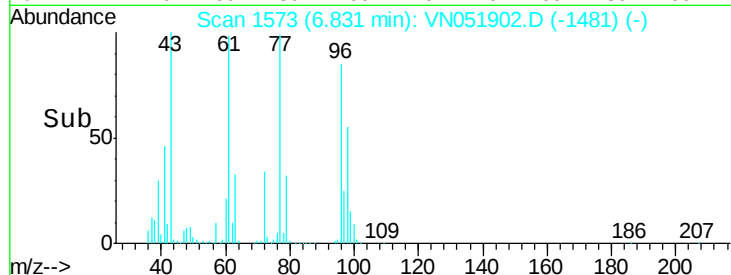
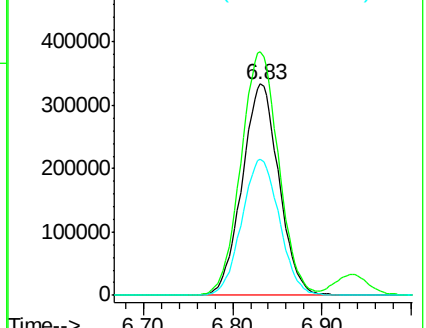
98 65.7 0.0 129.8



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: 100.08 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

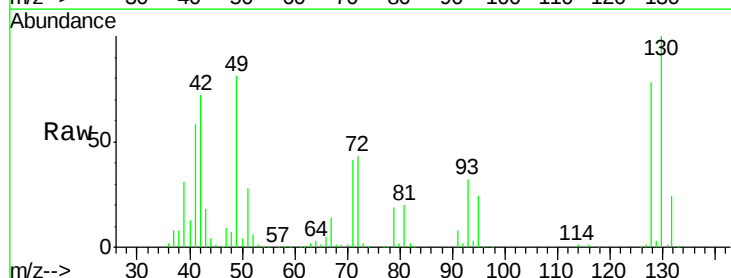
Tgt Ion: 49 Resp: 540537

Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.2

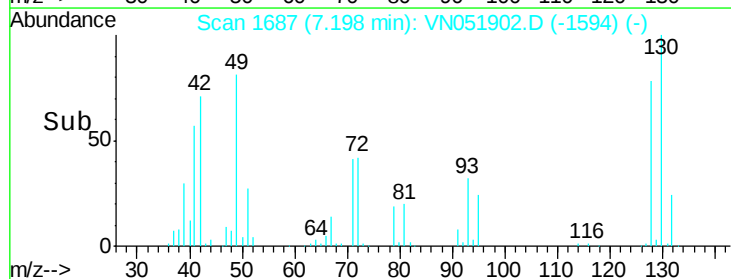
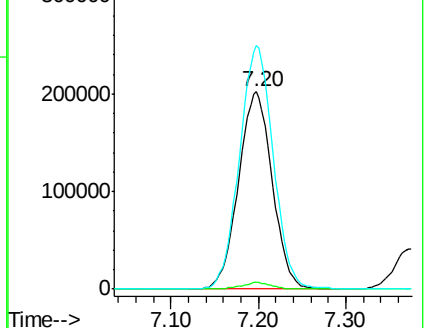
130 123.6 67.1 100.7#

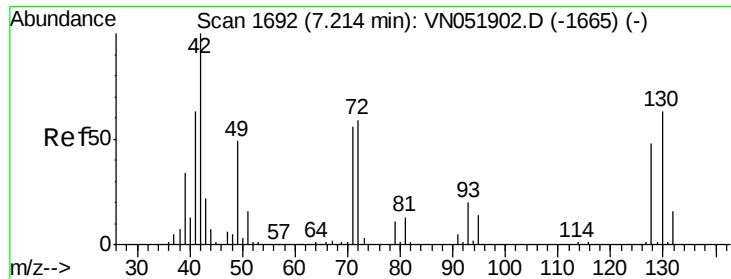


Abundance Ion 48.90 (48.60 to 49.60): VN051902.D (-1665) (-)

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: 539.28 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

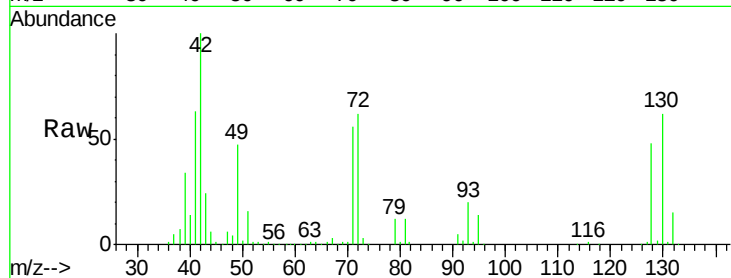
Tot Ion: 42 Resp: 740188

Ion Ratio Lower Upper

42 100

72 60.8 35.5 53.3#

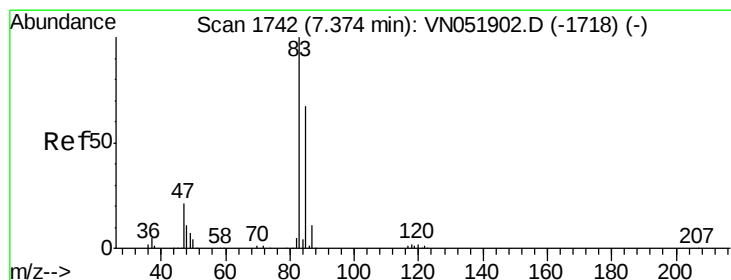
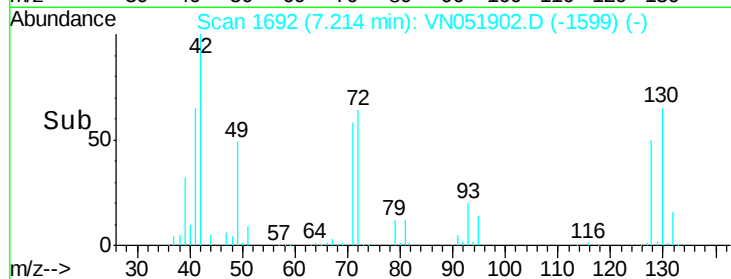
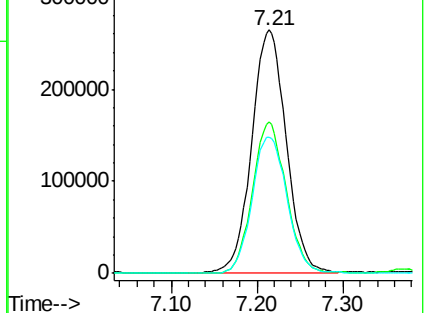
71 56.9 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 97.74 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051902.D

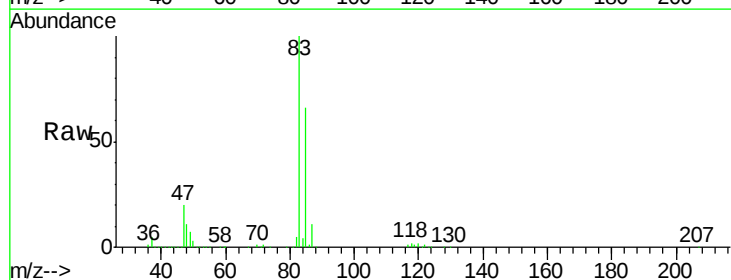
Acq: 17 Oct 2018 10:35

Tgt Ion: 83 Resp: 1575266

Ion Ratio Lower Upper

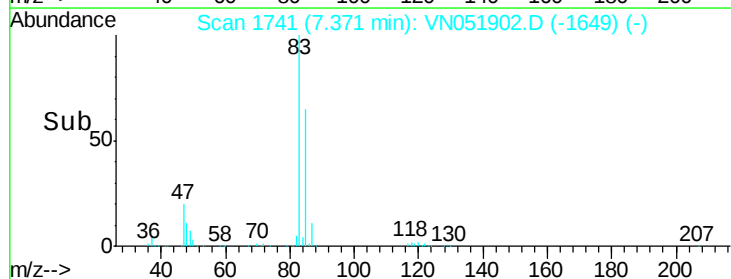
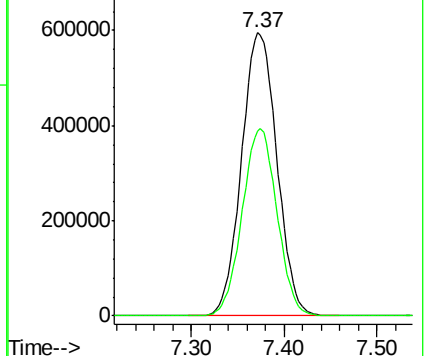
83 100

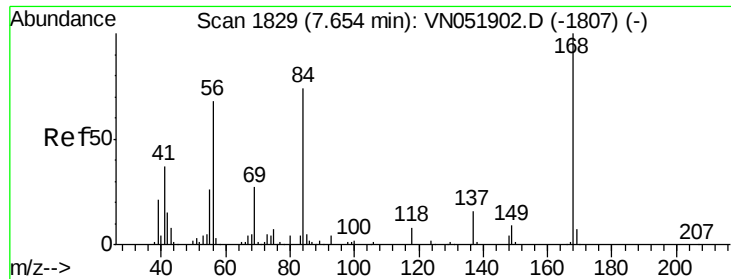
85 65.5 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

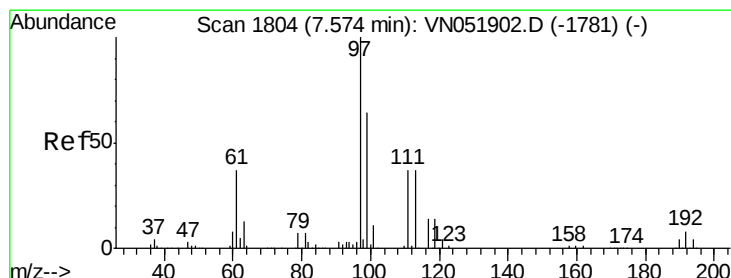
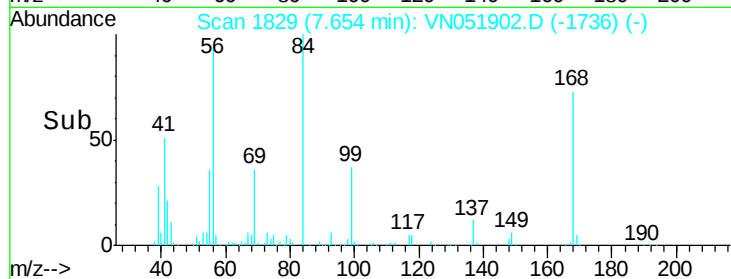
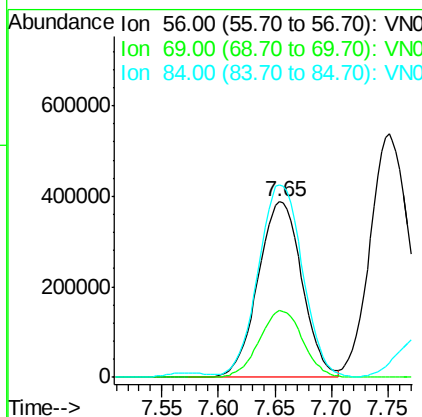
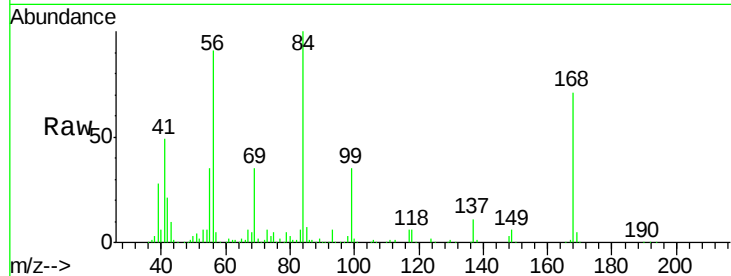
Ion 84.90 (84.60 to 85.60): VN0





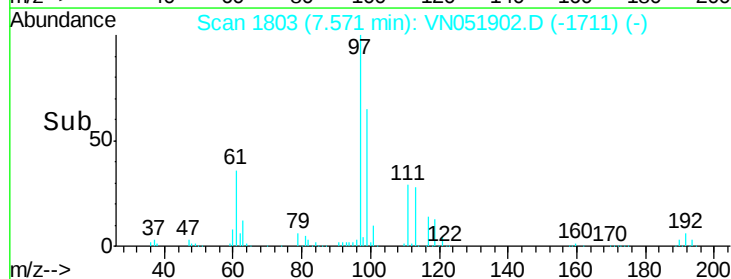
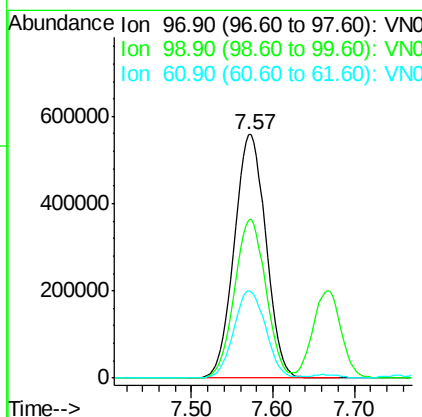
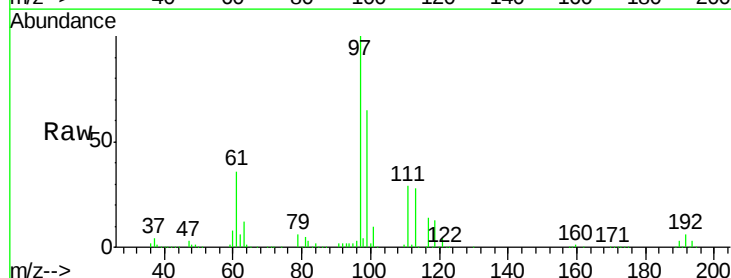
#31
Cyclohexane
Concen: 92.07 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

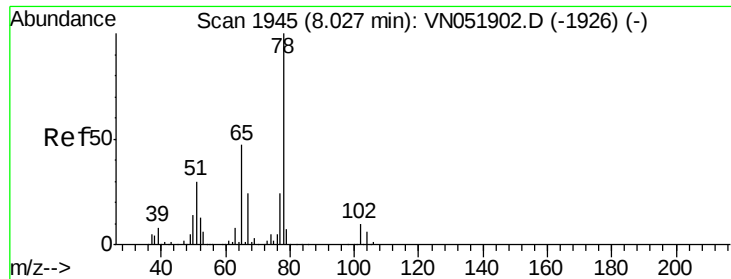
Tot Ion: 56 Resp: 1045925
Ion Ratio Lower Upper
56 100
69 38.0 26.2 39.4
84 107.9 68.3 102.5#



#32
1,1,1-Trichloroethane
Concen: 99.22 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

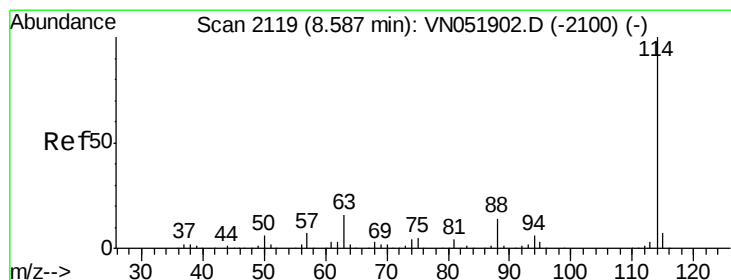
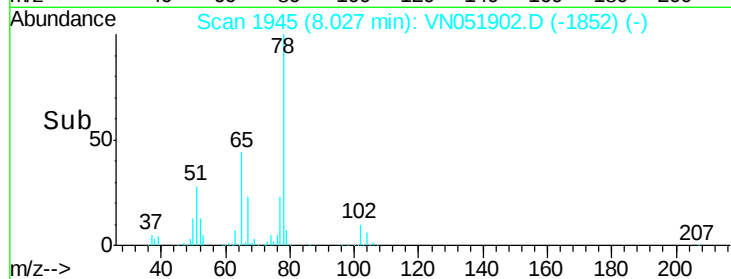
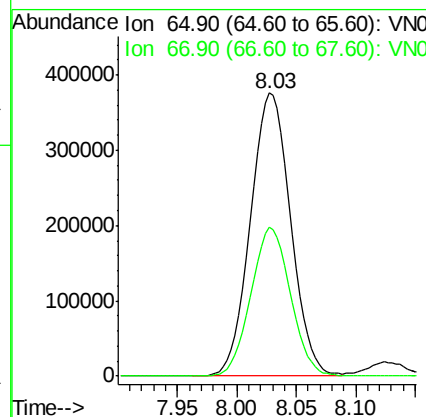
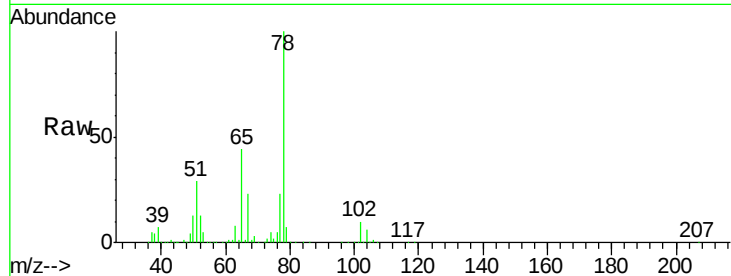
Tgt Ion: 97 Resp: 1506529
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 36.1 34.9 52.3





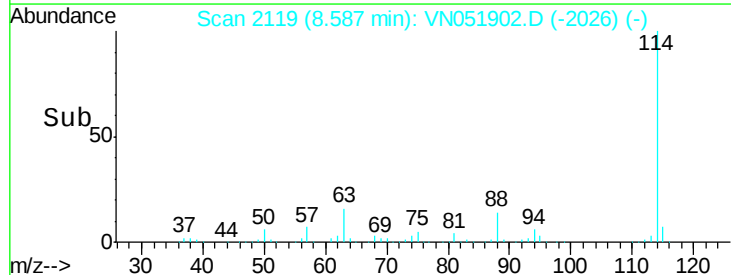
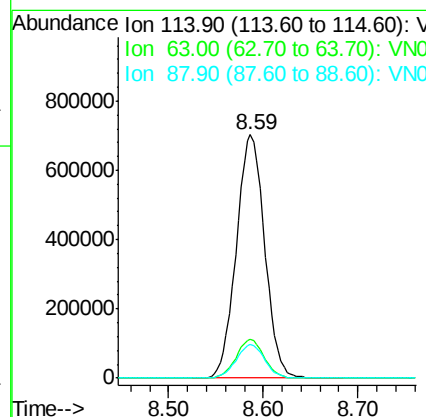
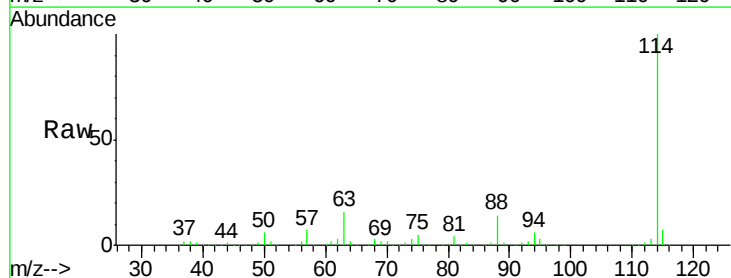
#33
 1,2-Dichloroethane-d4
 Concen: 99.22 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

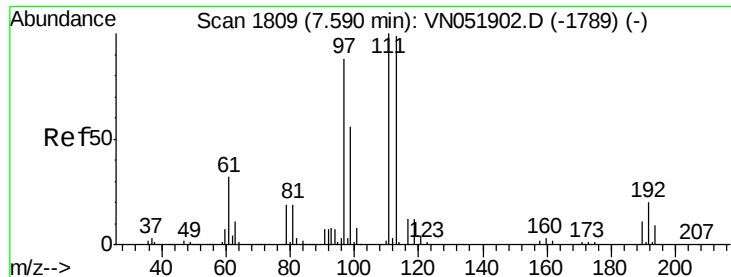
Tot Ion: 65 Resp: 880514
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

Tgt Ion: 114 Resp: 1459701
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 38.6
 88 13.6 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: VN051902.D

Acq: 17 Oct 2018 10:35

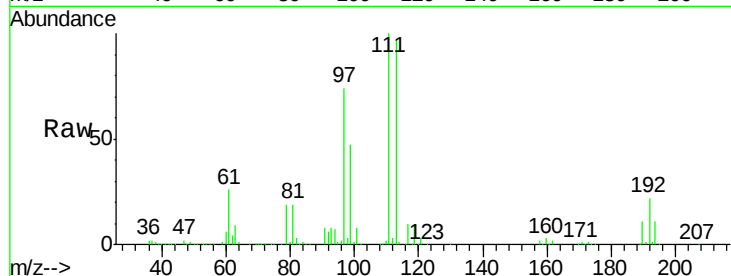
Tot Ion:113 Resp: 914529

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	22.1	18.0	27.0

113 100

111 103.0 82.6 123.8

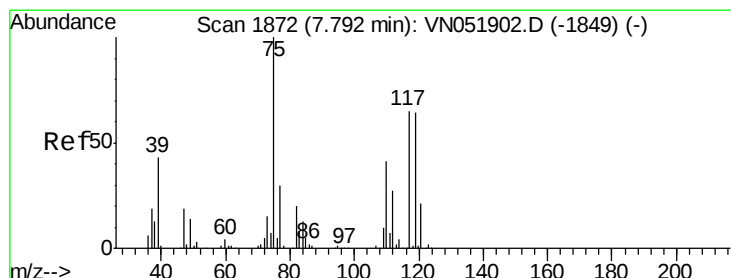
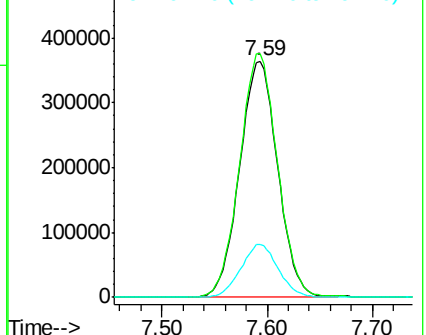
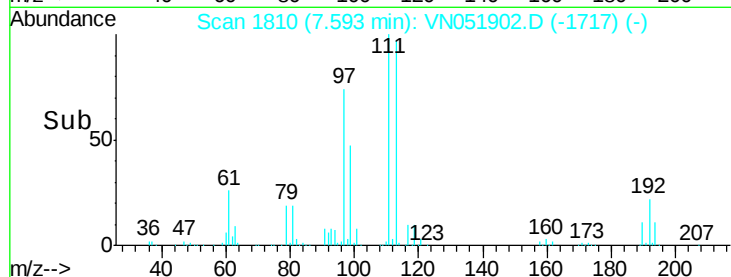
192 22.1 18.0 27.0



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: 94.78 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

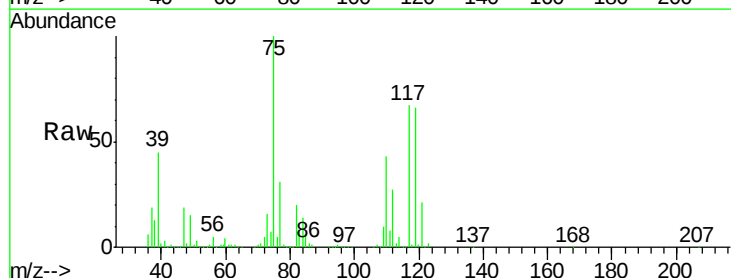
Tgt Ion: 75 Resp: 1106247

Ion	Ratio	Lower	Upper
75	100		
110	42.9	18.1	54.4
77	31.4	24.8	37.2

75 100

110 42.9 18.1 54.4

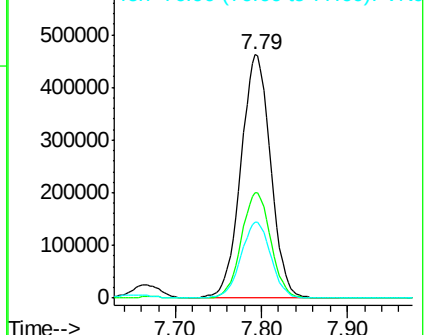
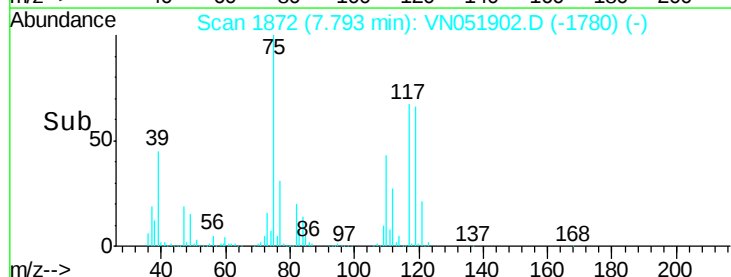
77 31.4 24.8 37.2

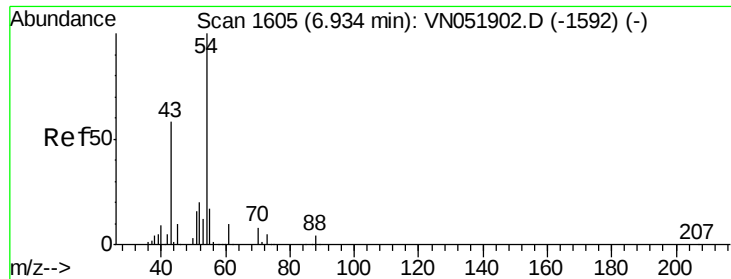


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

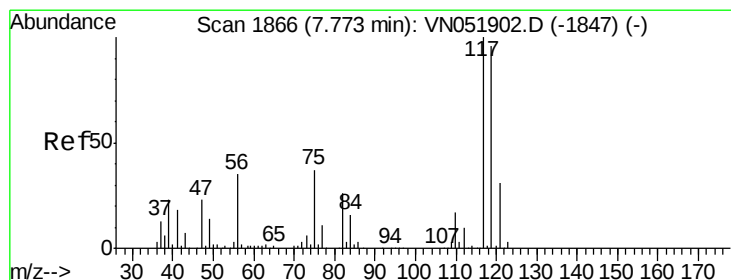
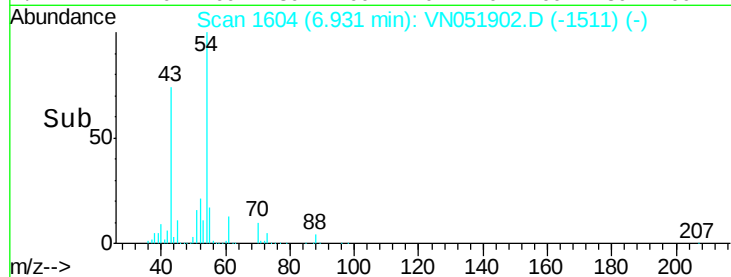
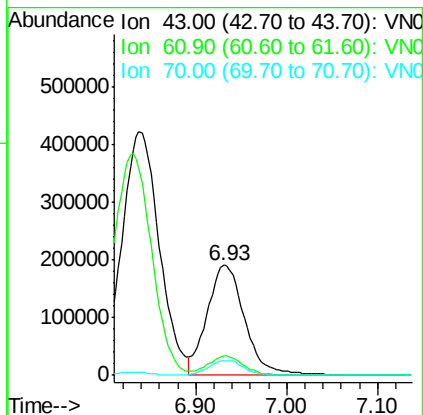
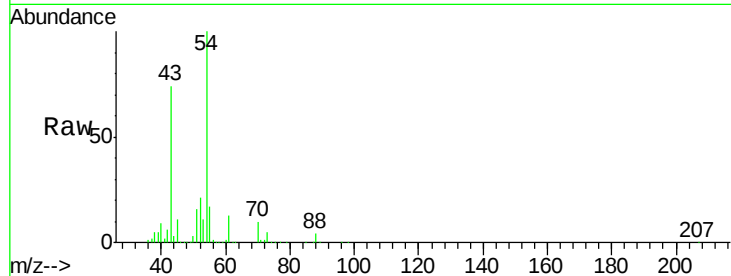
Ion 76.90 (76.60 to 77.60): V





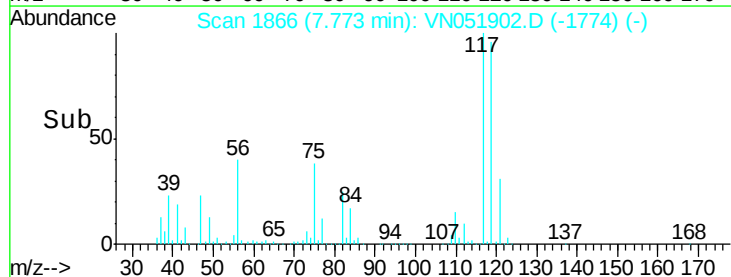
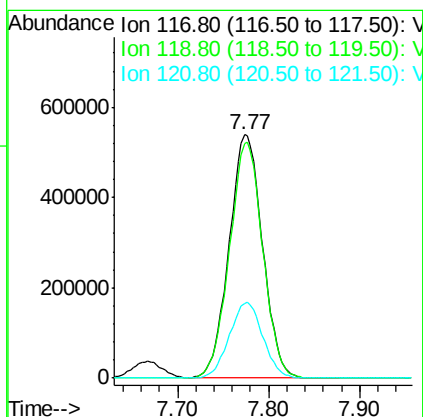
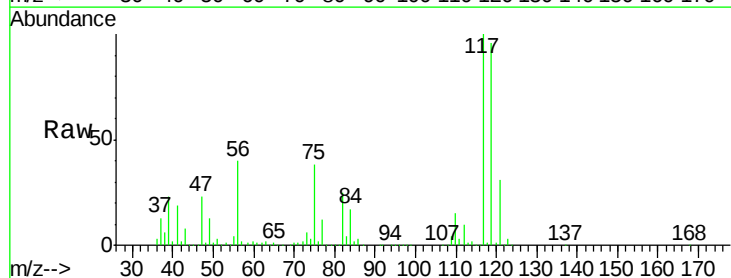
#37
Ethyl Acetate
Concen: 102.63 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

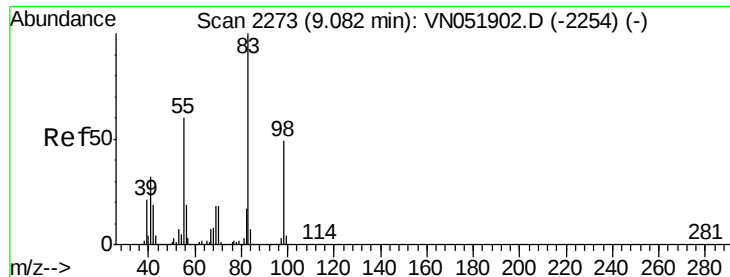
Tot Ion: 43 Resp: 538282
Ion Ratio Lower Upper
43 100
61 16.5 12.0 18.0
70 12.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 97.57 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

Tgt Ion: 117 Resp: 1369632
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5
121 30.7 24.6 36.8





#39

Methvlcvclohexane

Concen: 93.58 ug/l

RT: 9.08 min Scan# 2273

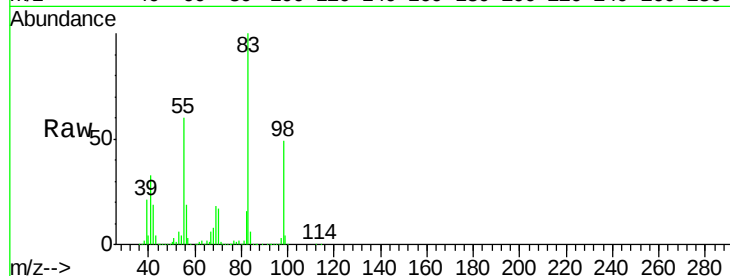
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tot Ion: 83 Resp: 1411121

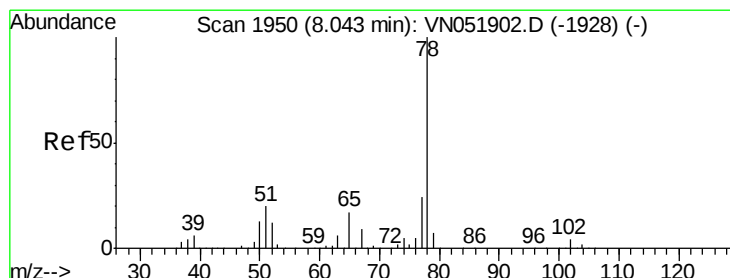
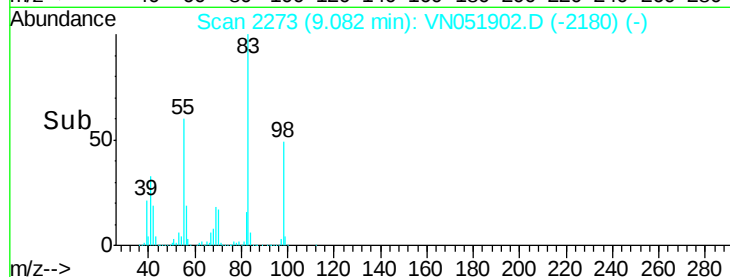
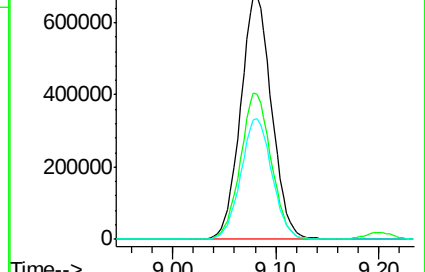
Ion	Ratio	Lower	Upper
83	100		
55	59.8	61.0	91.4#
98	49.4	37.5	56.3



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 95.23 ug/l

RT: 8.04 min Scan# 1950

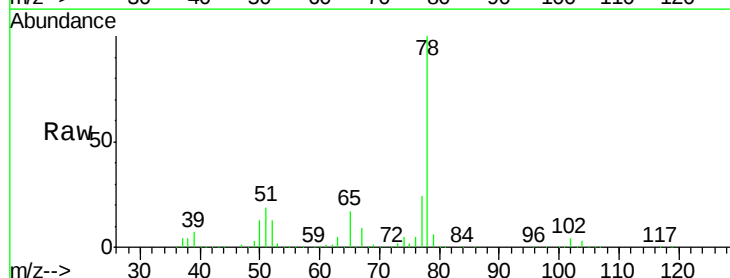
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

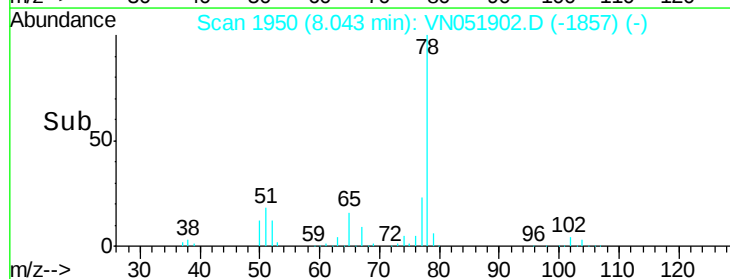
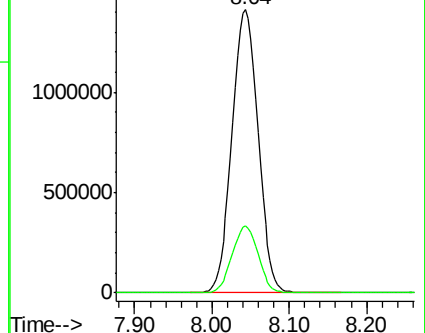
Tgt Ion: 78 Resp: 3300697

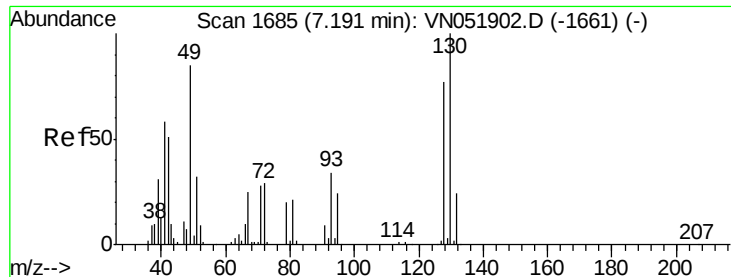
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 106.04 ug/l

RT: 7.18 min Scan# 1681

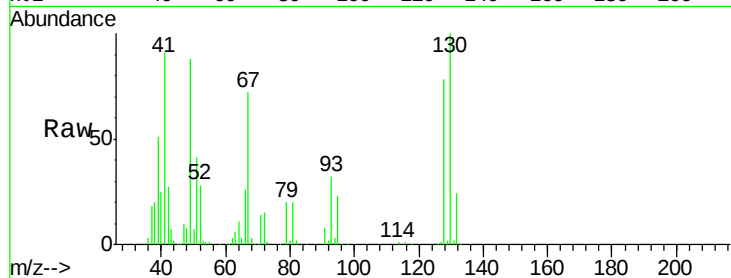
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tot Ion: 41 Resp: 271320

Ion	Ratio	Lower	Upper
41	100		
39	62.2	45.4	68.0
67	108.8	70.6	106.0#
52	42.0	27.1	40.7#



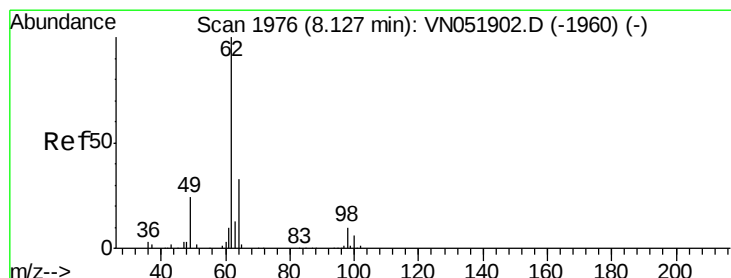
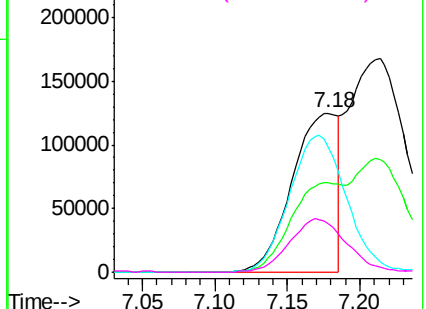
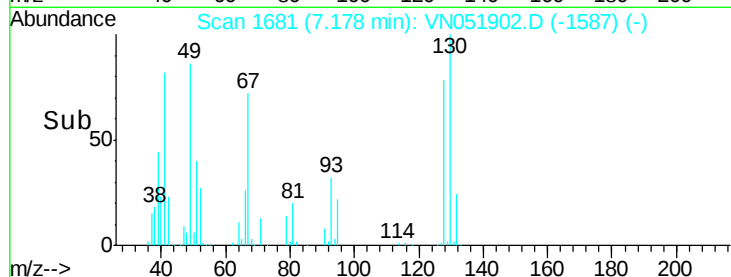
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 96.87 ug/l

RT: 8.13 min Scan# 1976

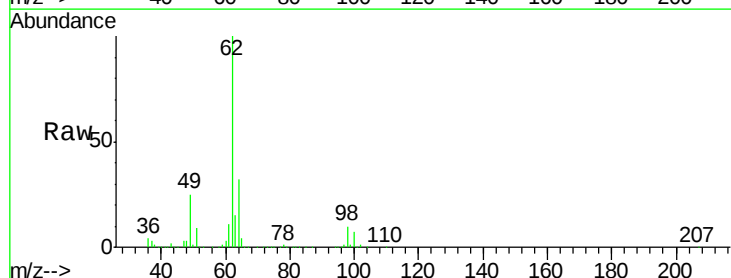
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tgt Ion: 62 Resp: 1063512

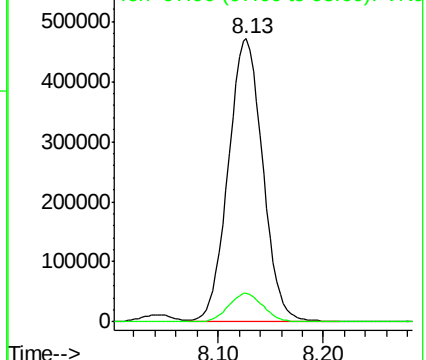
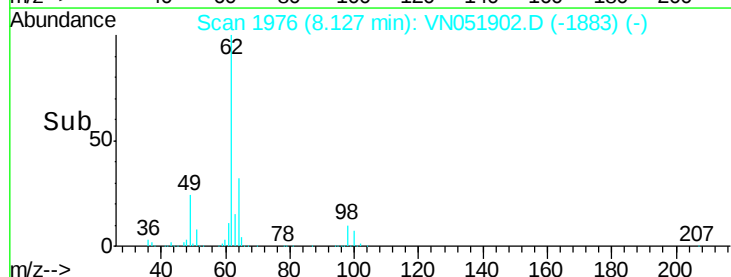
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.6

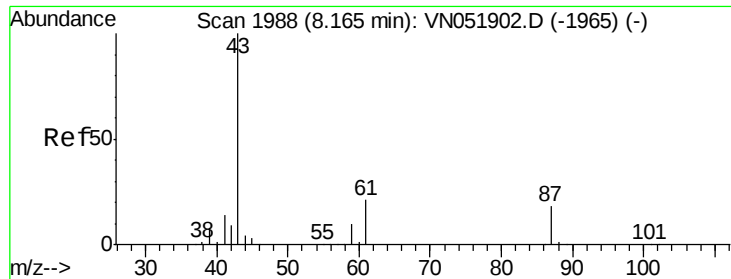


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 101.02 ug/l

RT: 8.17 min Scan# 1988

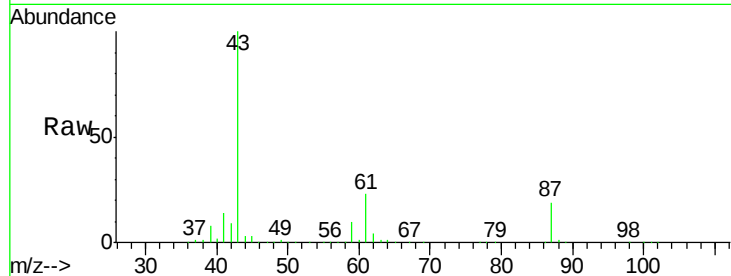
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tot Ion: 43 Resp: 1051111

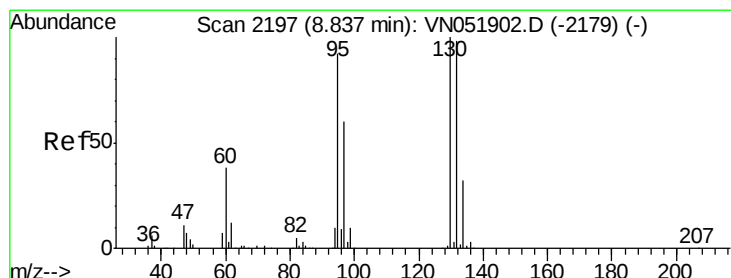
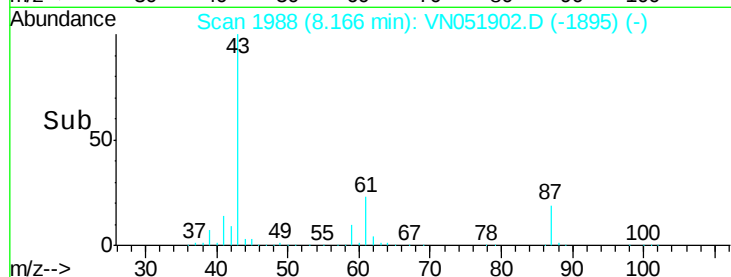
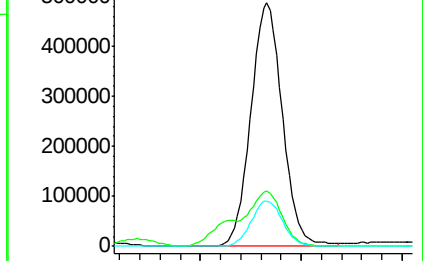
Ion	Ratio	Lower	Upper
43	100		
61	22.7	17.5	26.3
87	18.7	11.3	16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 98.34 ug/l

RT: 8.83 min Scan# 2196

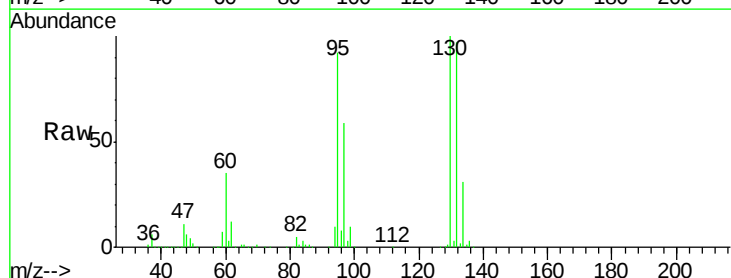
Delta R.T. -0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

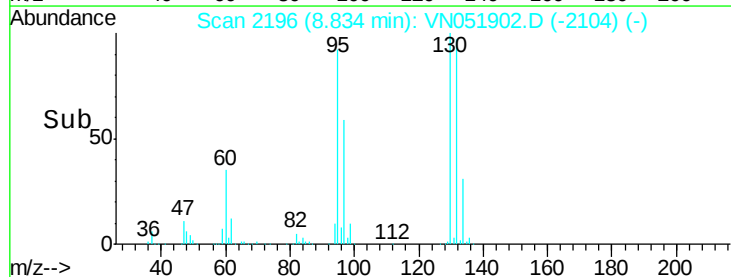
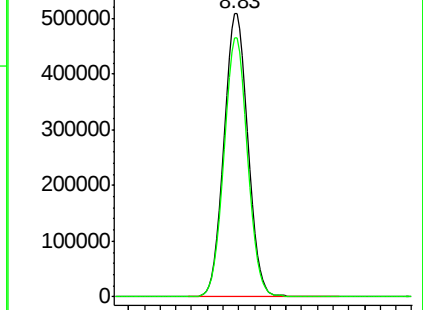
Tgt Ion: 130 Resp: 1064110

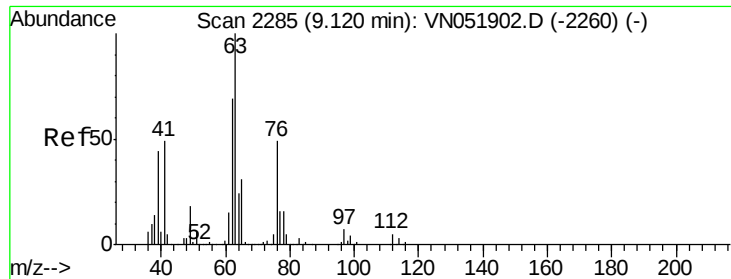
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 95.45 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051902.D

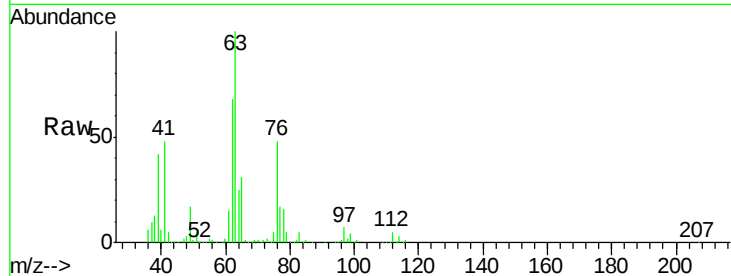
Acq: 17 Oct 2018 10:35

Tot Ion: 63 Resp: 764978

Ion Ratio Lower Upper

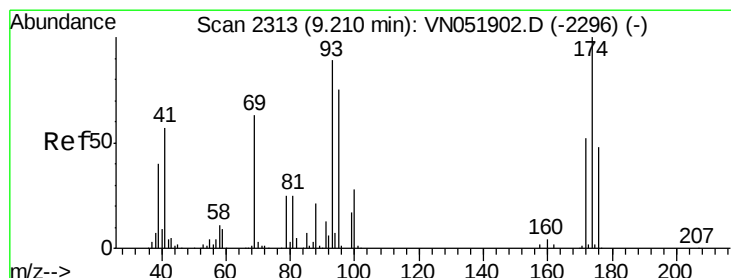
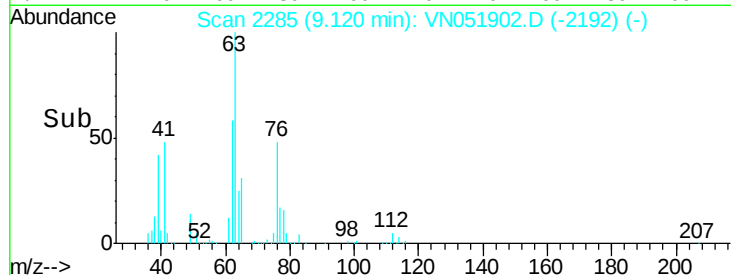
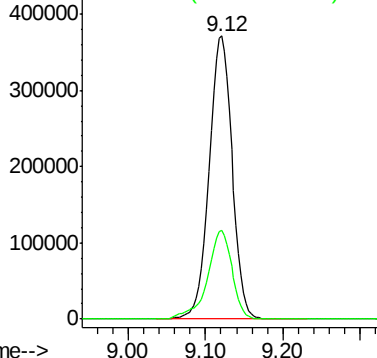
63 100

65 31.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 100.20 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

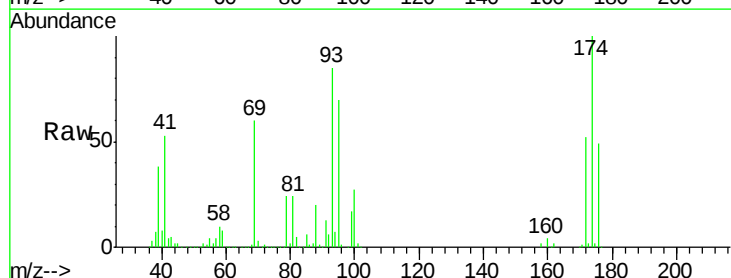
Tgt Ion: 93 Resp: 602995

Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

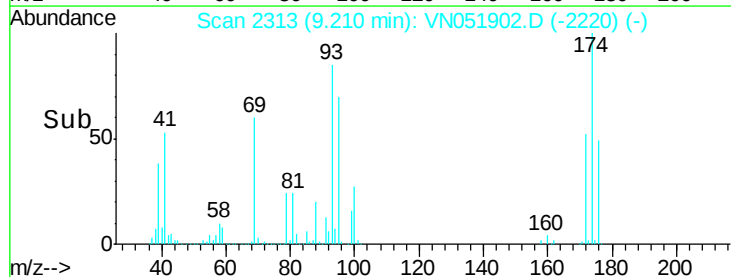
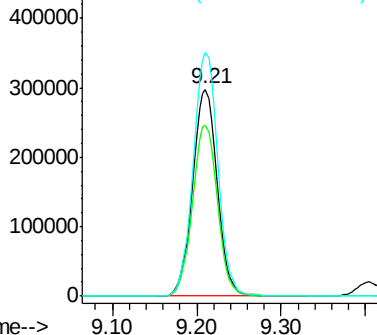
174 118.1 89.8 134.6

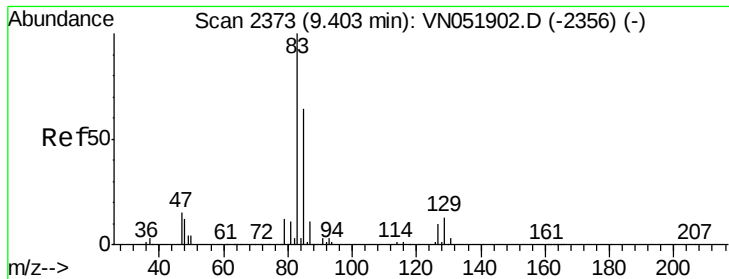


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 97.12 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

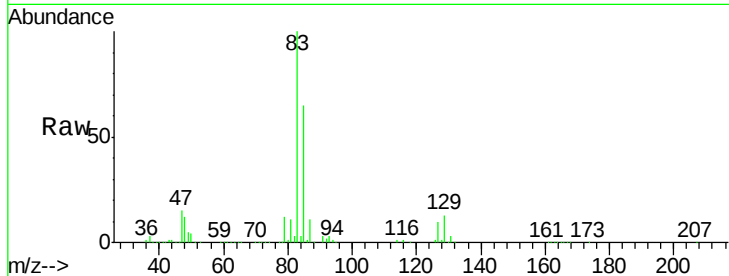
Tot Ion: 83 Resp: 1224797

Ion Ratio Lower Upper

83 100

85 64.5 52.6 78.8

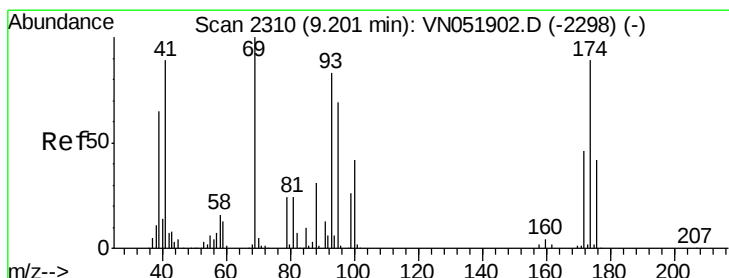
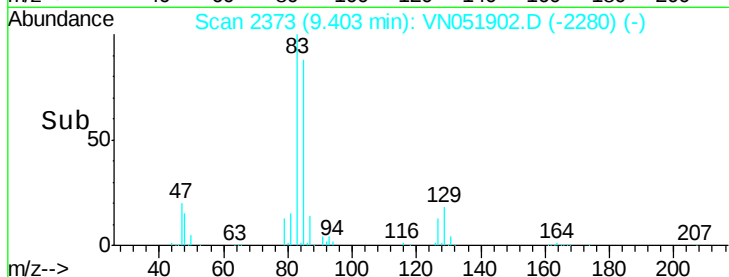
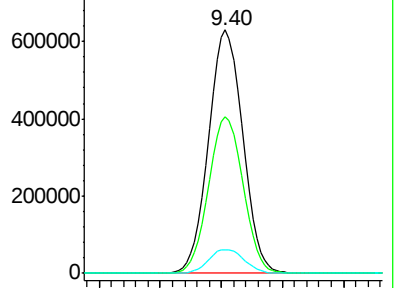
127 9.8 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN051902.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN051902.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN051902.D (-2356) (-)



#48

Methyl methacrylate

Concen: 104.21 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

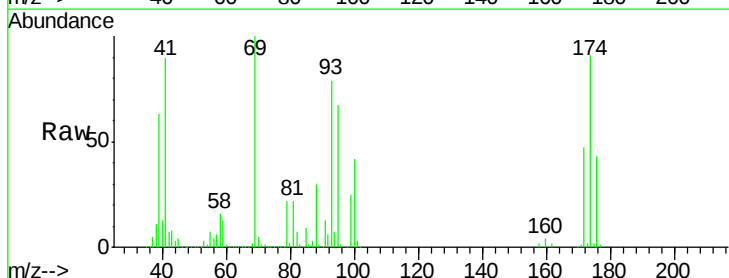
Tgt Ion: 41 Resp: 487587

Ion Ratio Lower Upper

41 100

69 113.6 74.7 112.1#

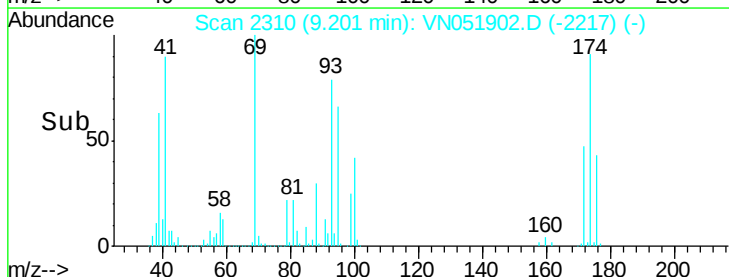
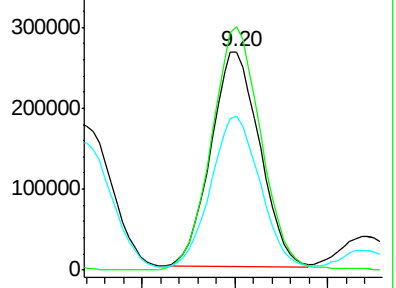
39 72.7 42.2 63.2#

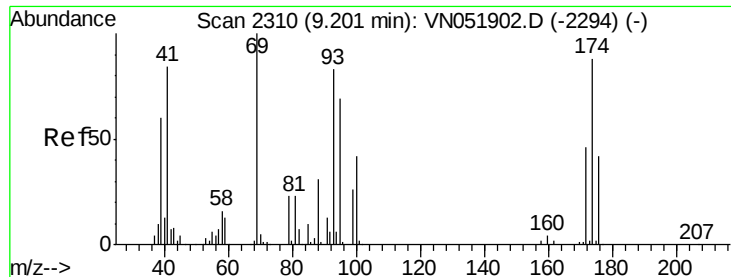


Abundance Ion 41.00 (40.70 to 41.70): VN051902.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN051902.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN051902.D (-2298) (-)





#49

1,4-Dioxane

Concen: 2193.57 ug/l

RT: 9.20 min Scan# 2310

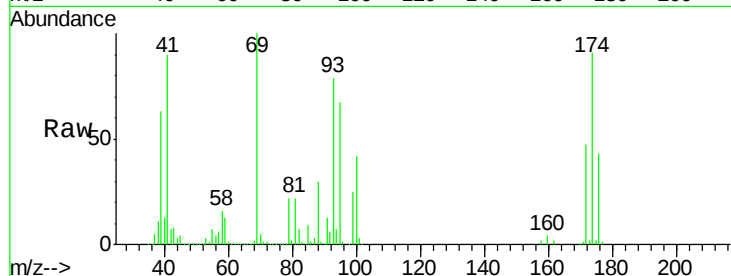
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tot Ion: 88 Resp: 184680

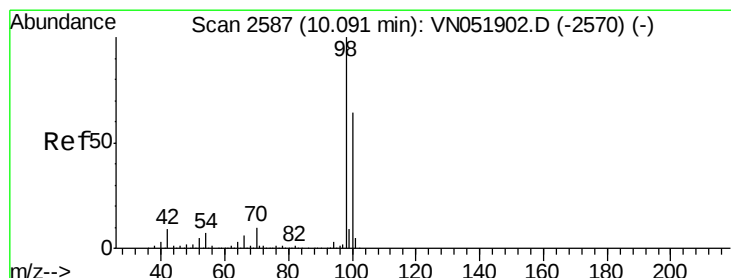
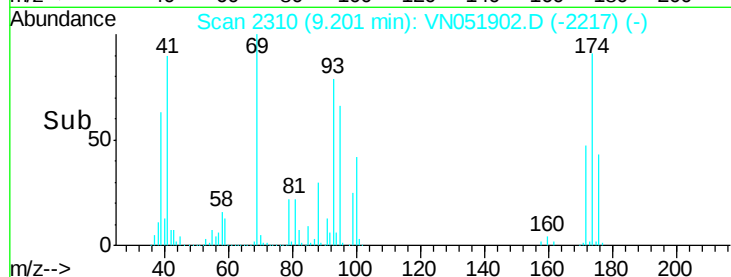
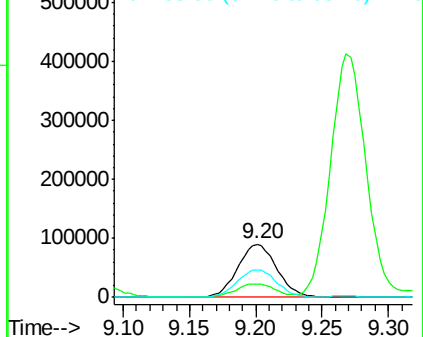
Ion	Ratio	Lower	Upper
88	100		
43	24.5	25.9	38.9#
58	52.7	55.0	82.4#



Abundance Ion 88.00 (87.70 to 88.70): VN051902.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN051902.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN051902.D (-2294) (-)



#50

Toluene-d8

Concen: 2193.57 ug/l

RT: 10.09 min Scan# 2587

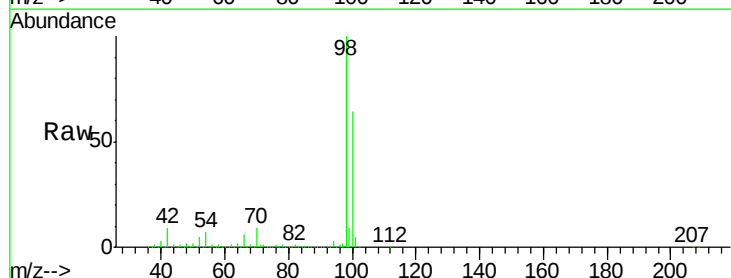
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

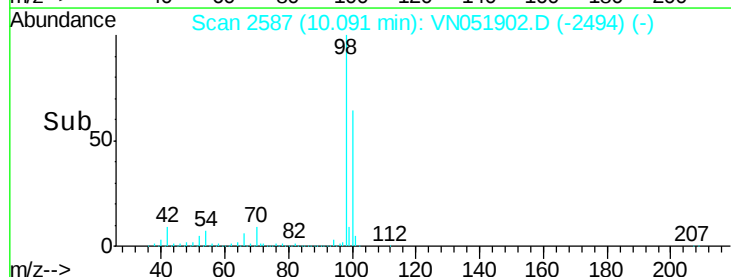
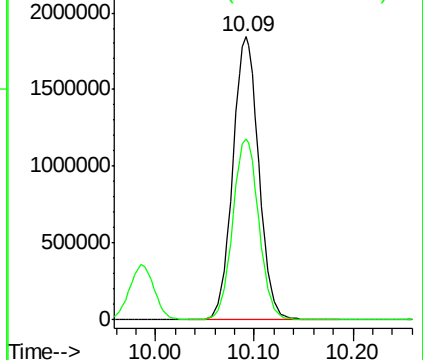
Tgt Ion: 98 Resp: 3366318

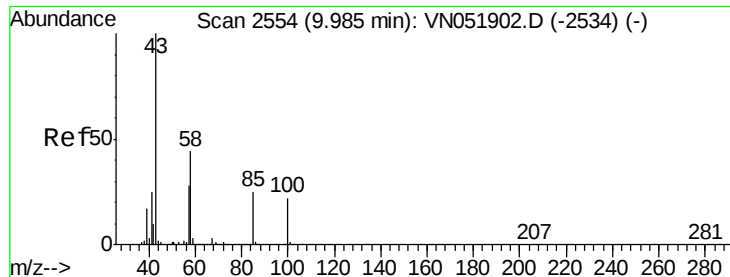
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051902.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051902.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 526.65 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051902.D

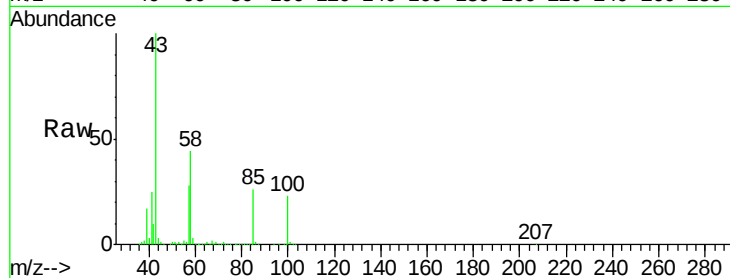
Acq: 17 Oct 2018 10:35

Tot Ion: 43 Resp: 2819531

Ion Ratio Lower Upper

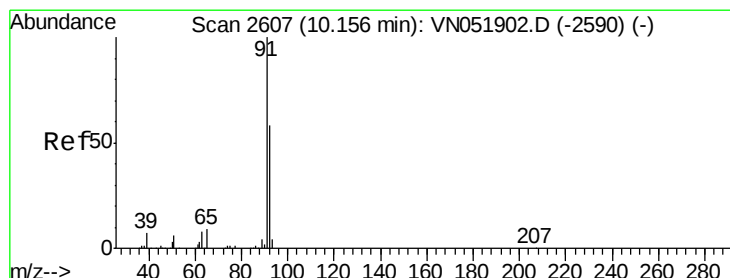
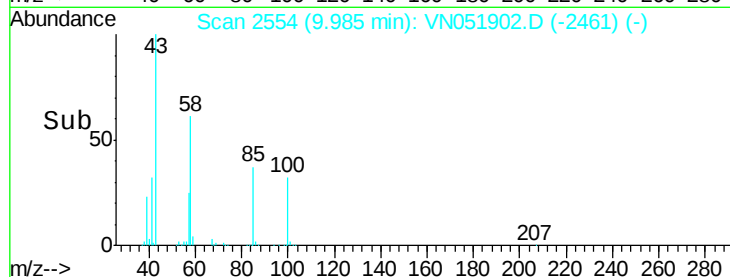
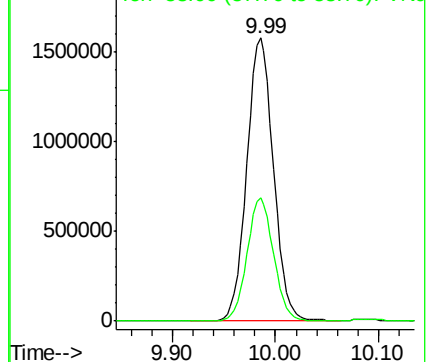
43 100

58 43.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 98.94 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051902.D

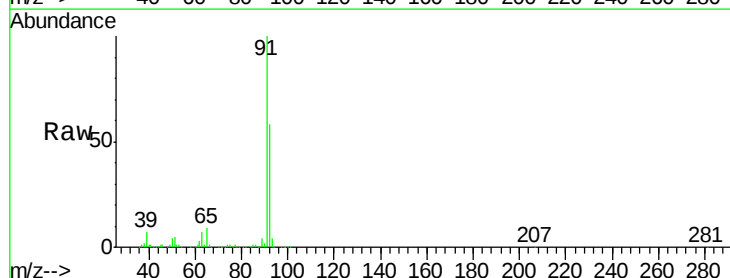
Acq: 17 Oct 2018 10:35

Tgt Ion: 92 Resp: 2337089

Ion Ratio Lower Upper

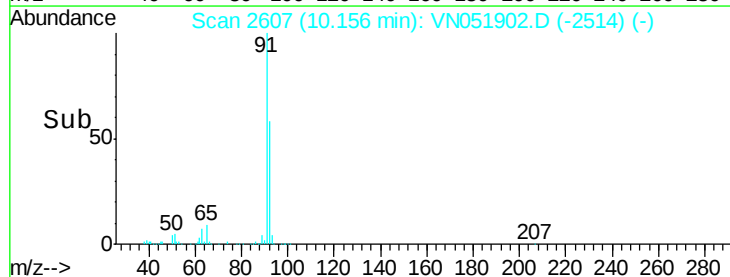
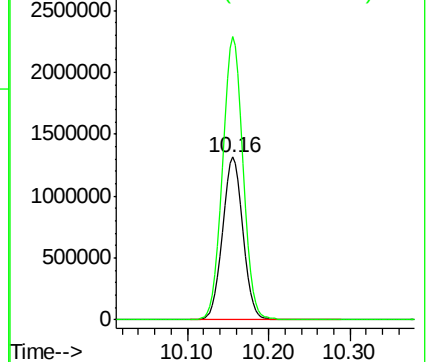
92 100

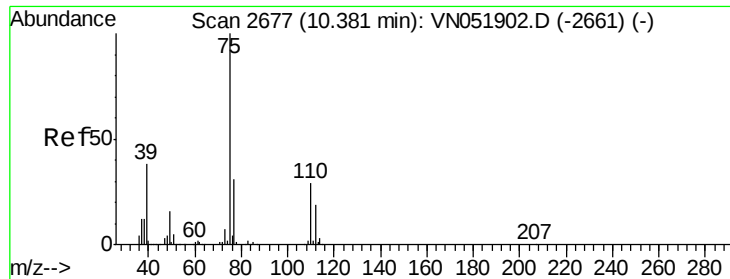
91 175.1 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 99.34 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051902.D

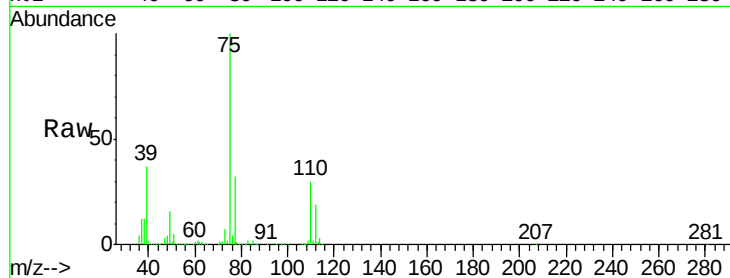
Acq: 17 Oct 2018 10:35

Tot Ion: 75 Resp: 1230529

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

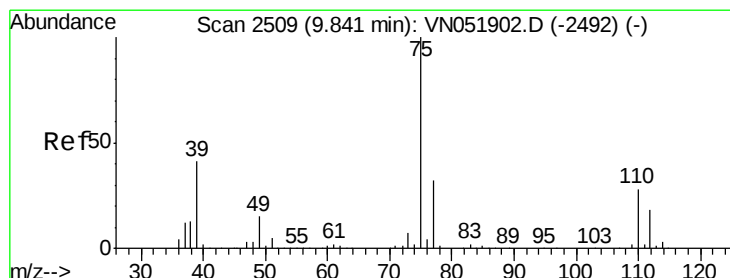
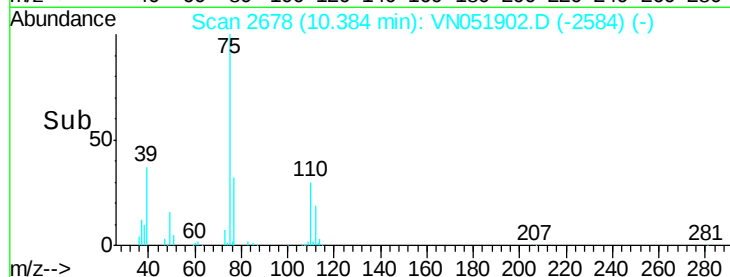
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 98.51 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

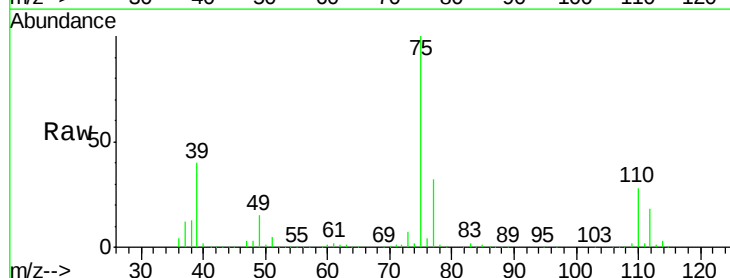
Tgt Ion: 75 Resp: 1336627

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

39 39.9 33.0 49.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

1000000

800000

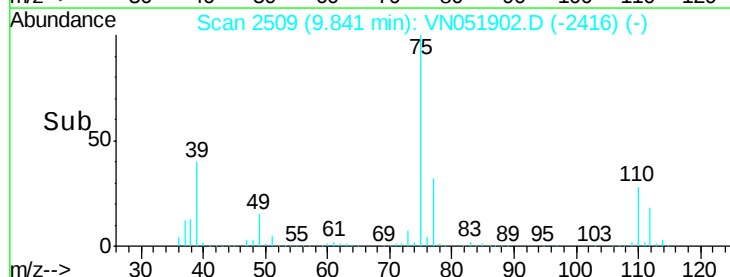
600000

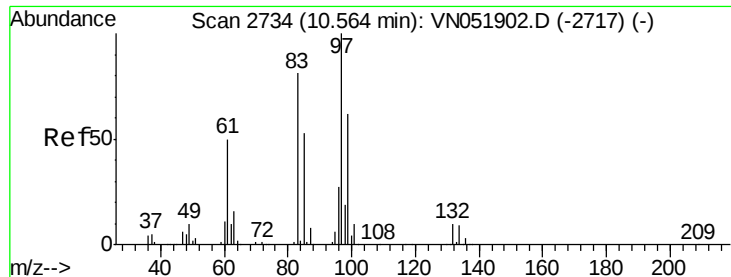
400000

200000

0

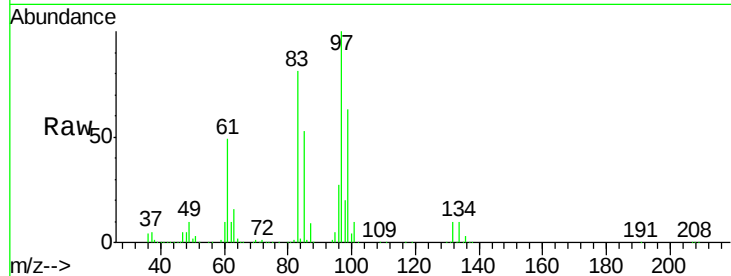
Time-->





#55
 1,1,2-Trichloroethane
 Concen: 101.94 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

Tot Ion	97	Resp	860090
Ion Ratio	100		
Lower	69.7		
Upper	104.5		
83	81.2		
85	52.5		
99	63.2		



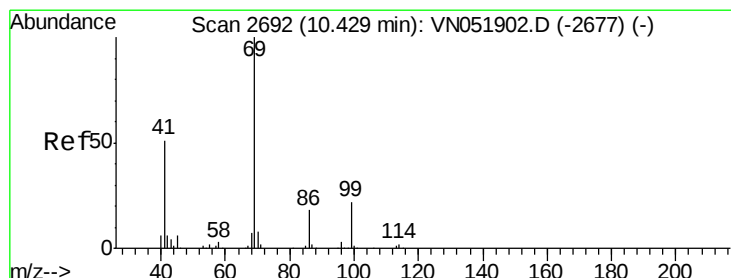
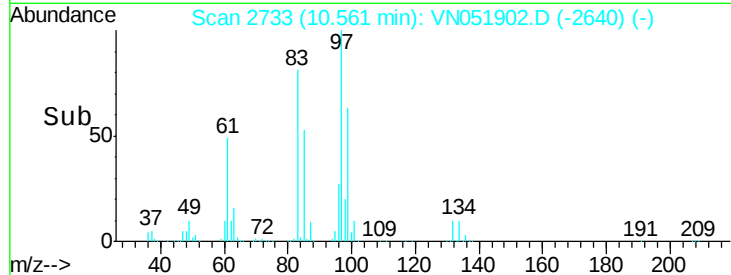
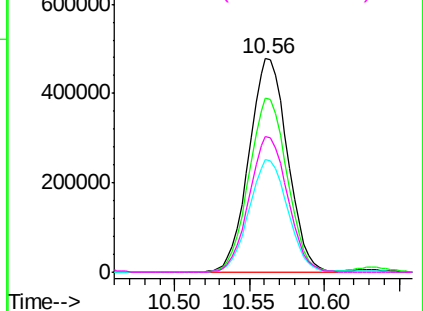
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

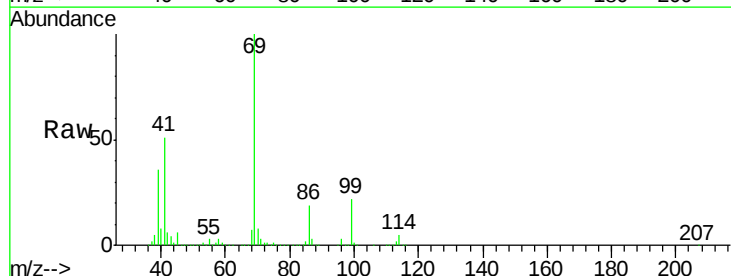
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 105.41 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

Tgt Ion	69	Resp	1004896
Ion Ratio	100		
Lower	48.3		
Upper	72.5		
41	50.7		
39	34.8		

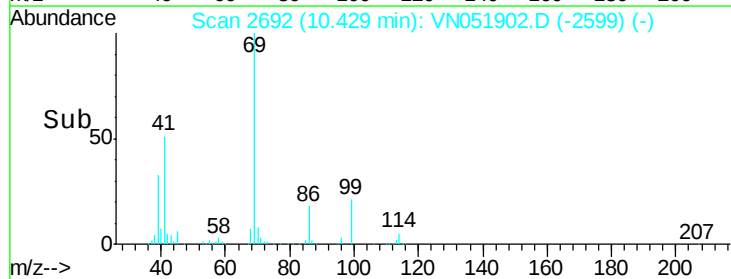
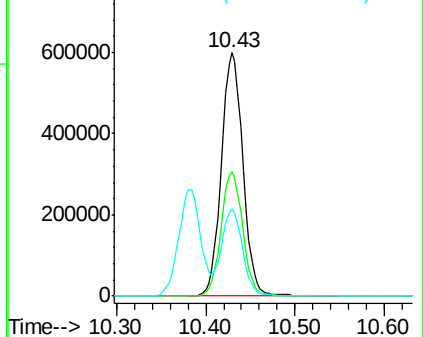


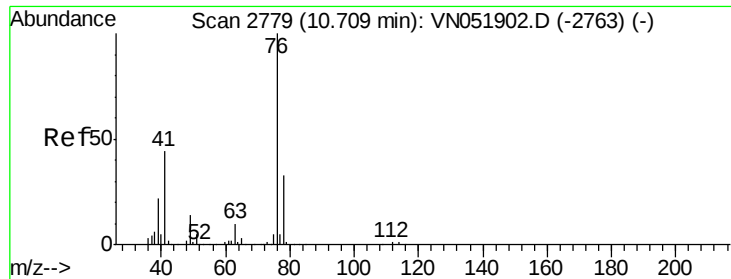
Abundance

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: 99.44 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051902.D

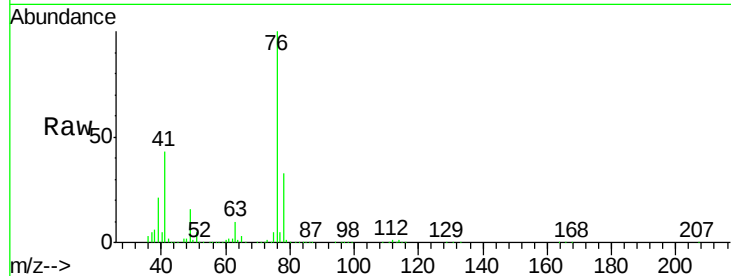
Acq: 17 Oct 2018 10:35

Tot Ion: 76 Resp: 1279535

Ion Ratio Lower Upper

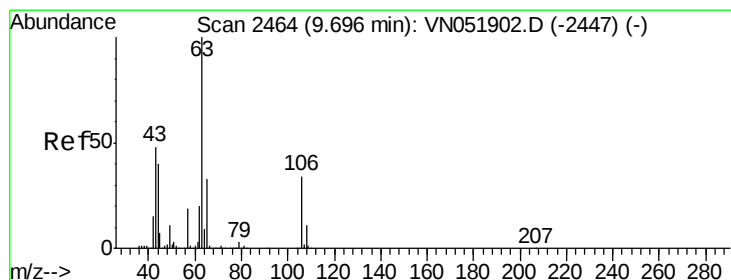
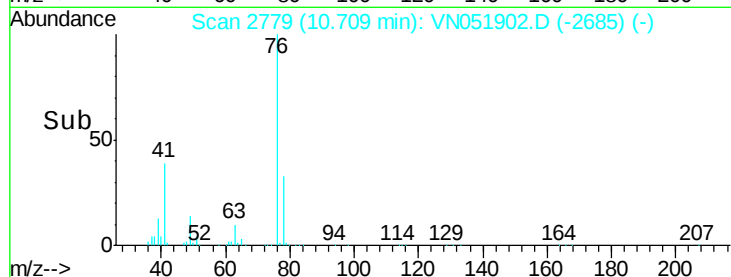
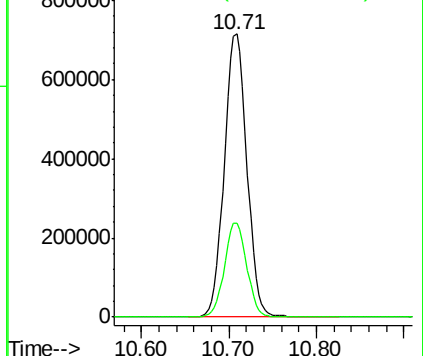
76 100

78 32.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 530.14 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051902.D

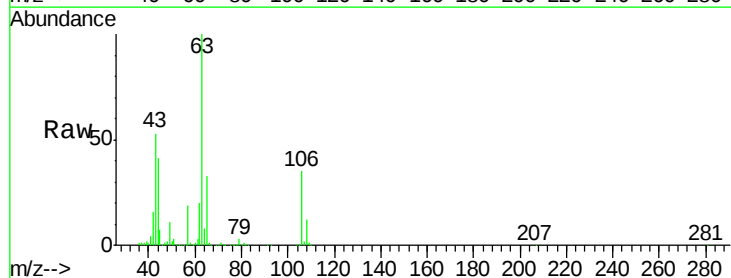
Acq: 17 Oct 2018 10:35

Tgt Ion: 63 Resp: 2150743

Ion Ratio Lower Upper

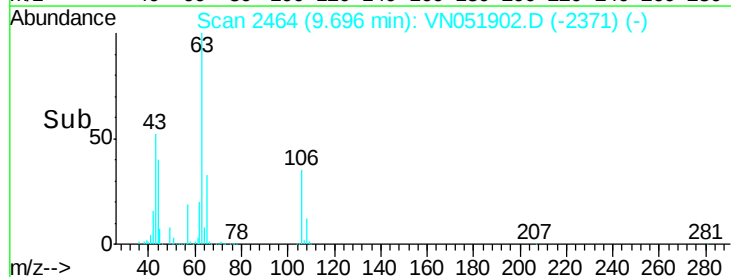
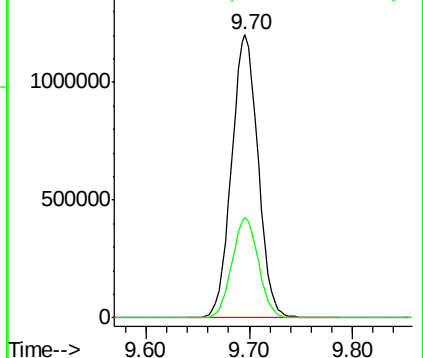
63 100

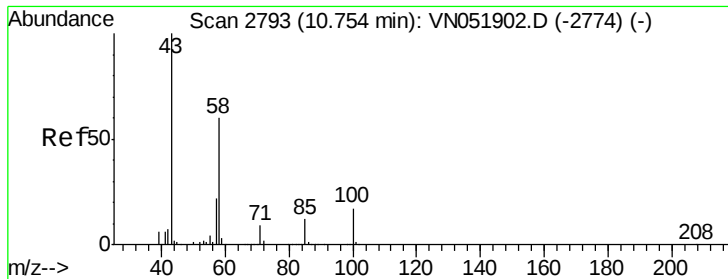
106 35.4 21.9 32.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 511.42 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN051902.D

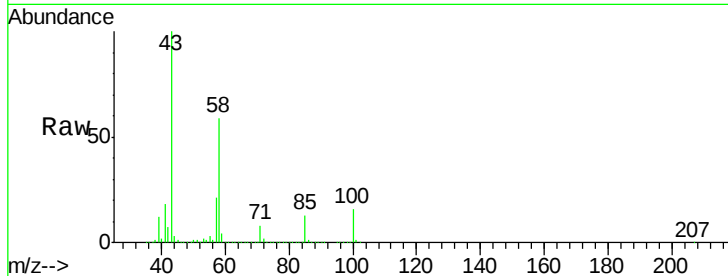
Acq: 17 Oct 2018 10:35

Tot Ion: 43 Resp: 1926771

Ion Ratio Lower Upper

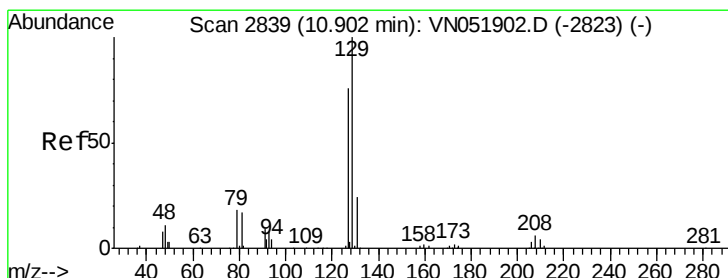
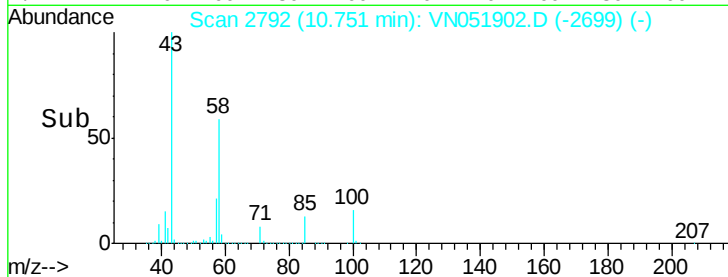
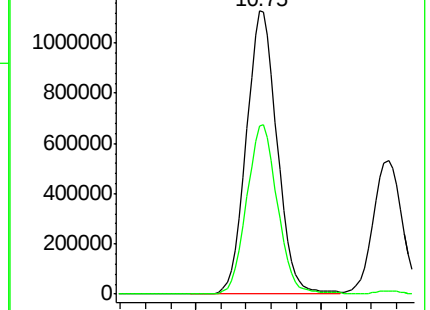
43 100

58 59.8 28.3 85.0



Abundance Ion 43.00 (42.70 to 43.70): VN051902.D (-2774) (-)

Ion 58.00 (57.70 to 58.70): VN051902.D (-2774) (-)



#60

Dibromochloromethane

Concen: 105.03 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN051902.D

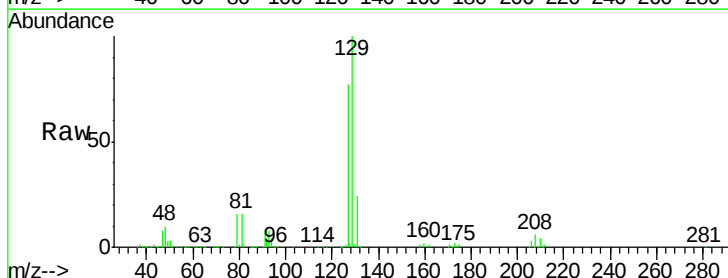
Acq: 17 Oct 2018 10:35

Tgt Ion: 129 Resp: 1109900

Ion Ratio Lower Upper

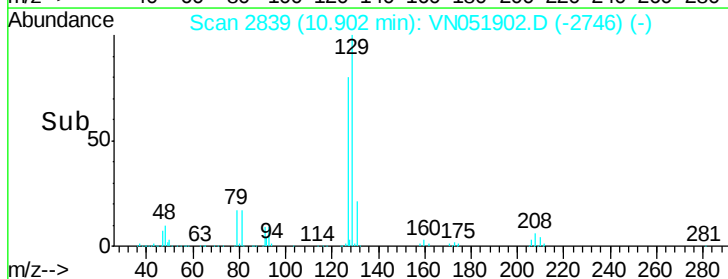
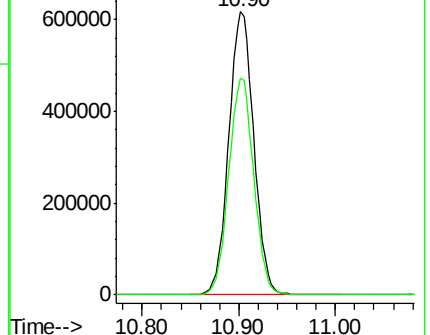
129 100

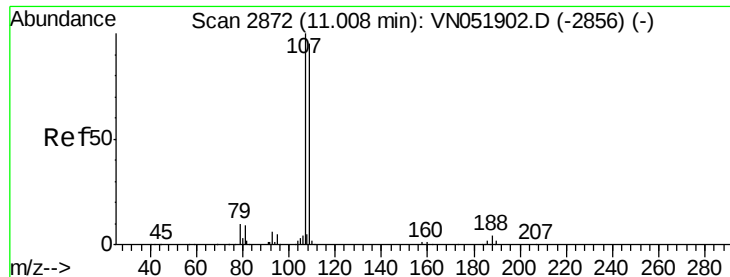
127 76.6 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VN051902.D (-2823) (-)

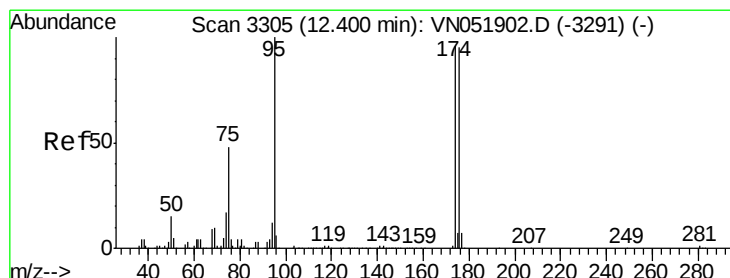
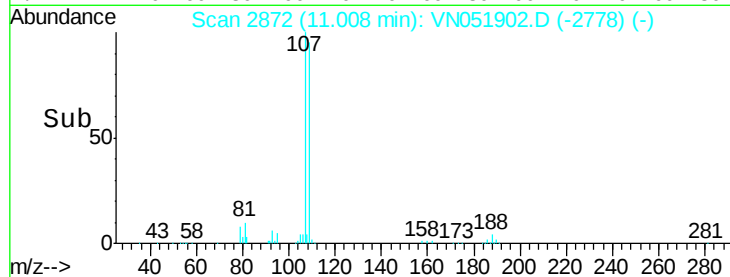
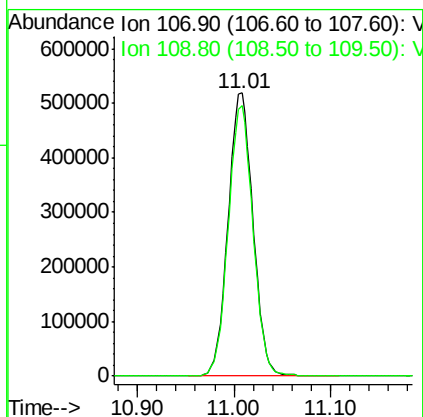
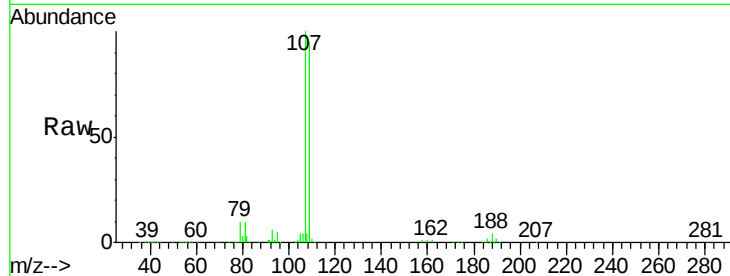
Ion 126.80 (126.50 to 127.50): VN051902.D (-2823) (-)





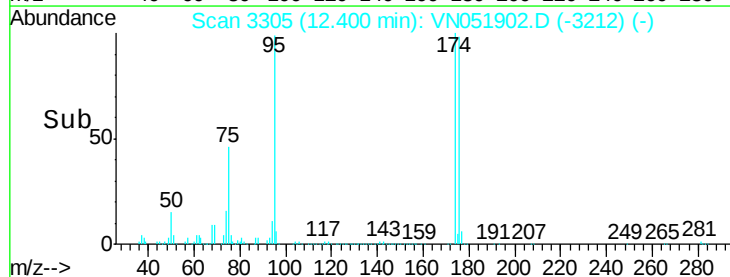
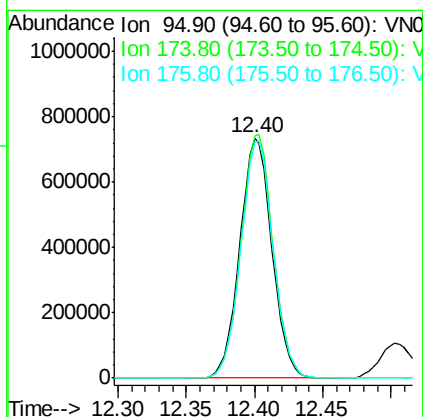
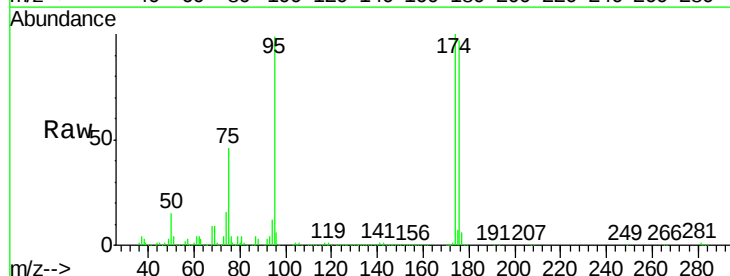
#61
 1,2-Dibromoethane
 Concen: 105.22 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

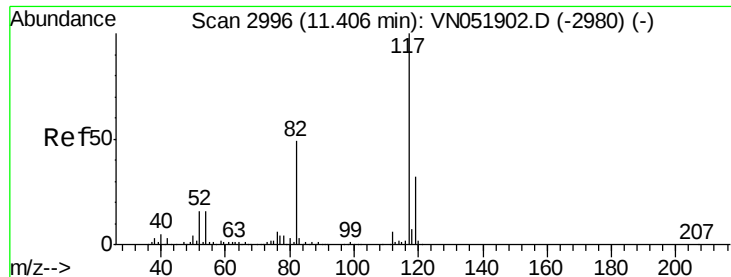
Tot Ion: 107 Resp: 926728
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 105.22 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

Tgt Ion: 95 Resp: 1198981
 Ion Ratio Lower Upper
 95 100
 174 101.8 0.0 183.0
 176 99.2 0.0 178.8

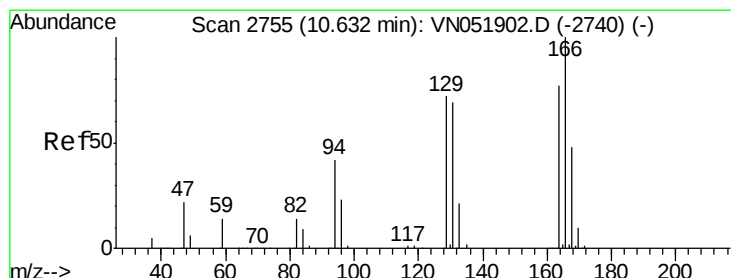
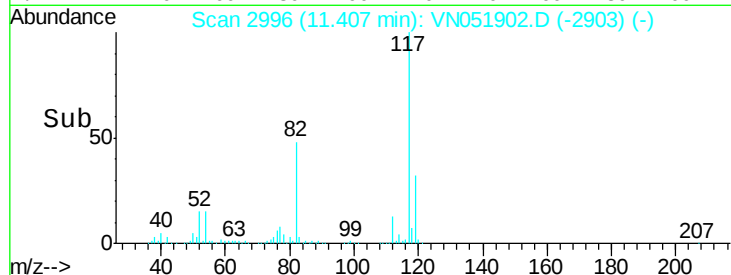
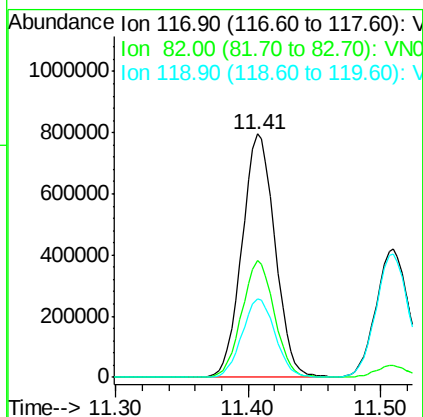
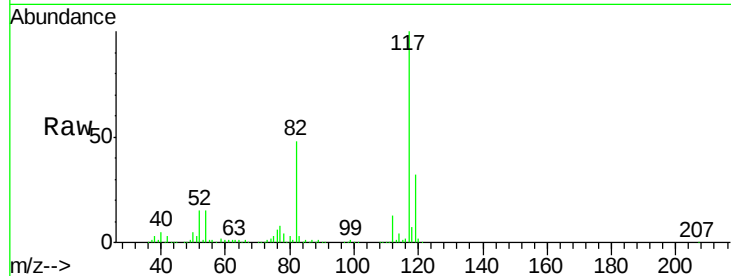




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

Tot Ion:117 Resp: 1377403

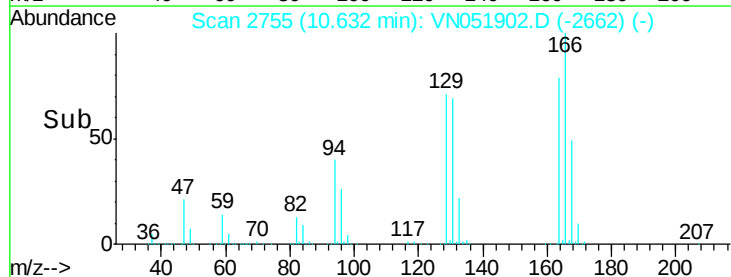
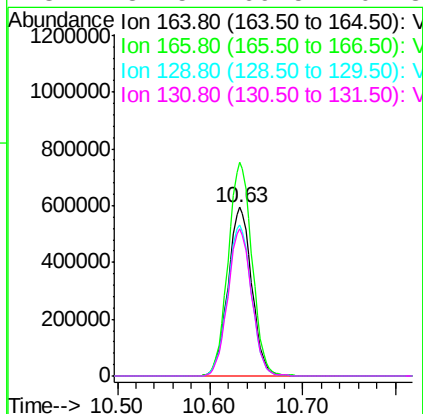
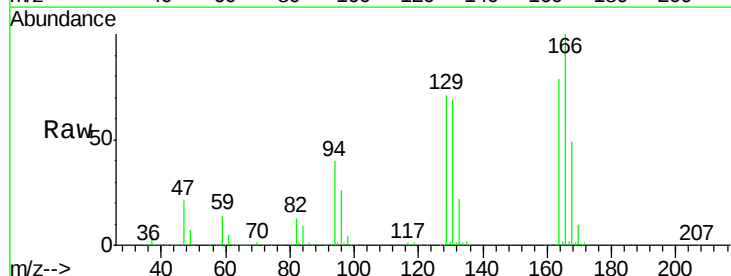
Ion	Ratio	Lower	Upper
117	100		
82	47.7	42.6	64.0
119	32.4	25.8	38.6

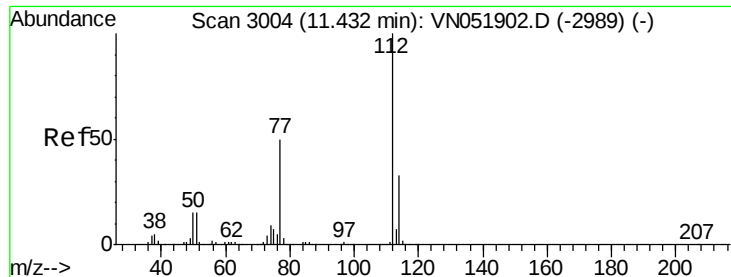


#64
Tetrachloroethene
Concen: 96.15 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

Tgt Ion:164 Resp: 1053450

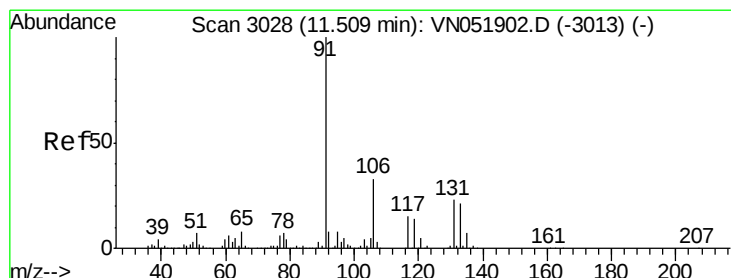
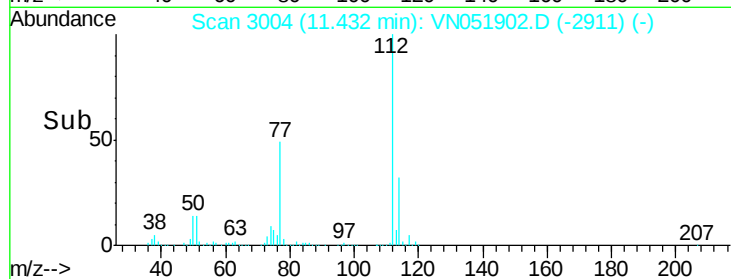
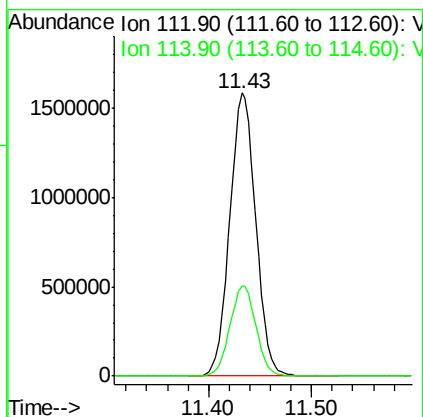
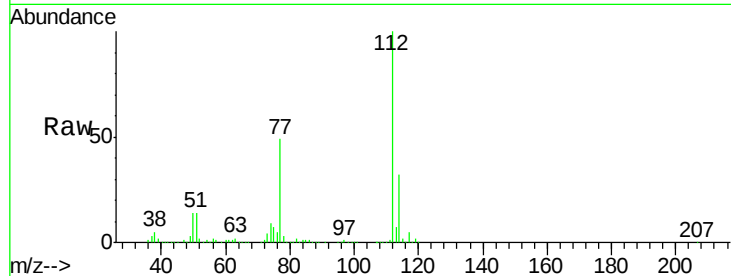
Ion	Ratio	Lower	Upper
164	100		
166	126.8	103.5	155.3
129	89.8	72.7	109.1
131	87.5	69.5	104.3





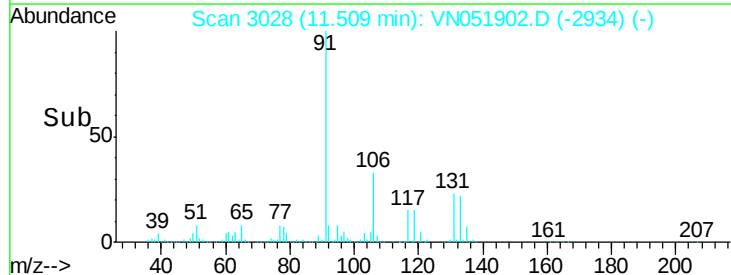
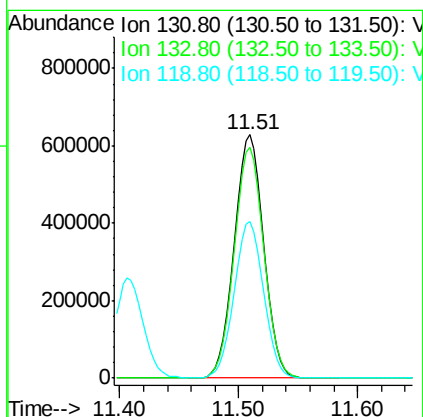
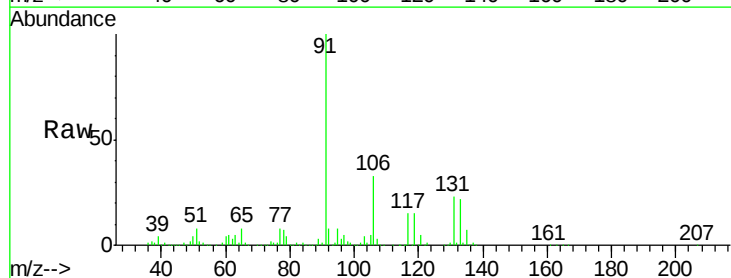
#65
Chlorobenzene
Concen: 101.53 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

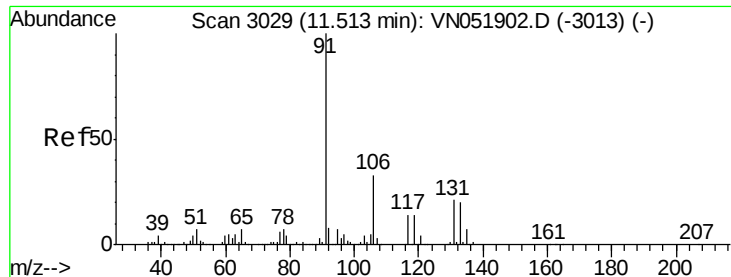
Tot Ion:112 Resp: 2781788
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 101.83 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

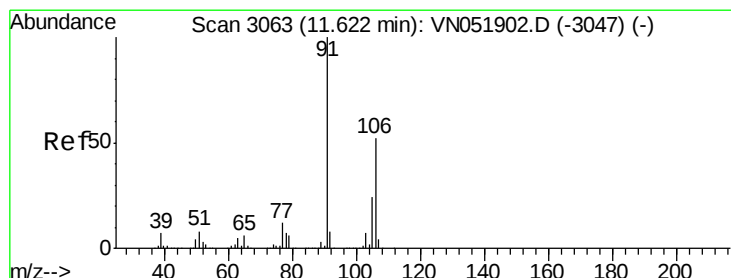
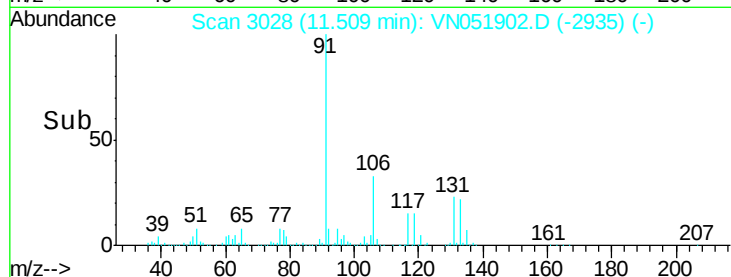
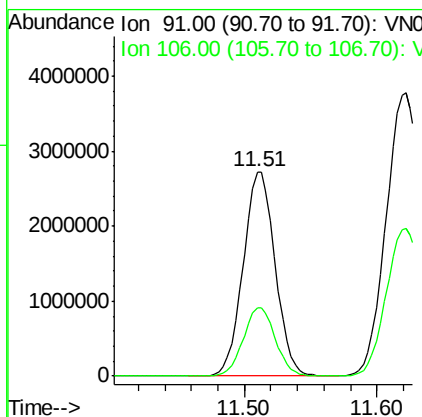
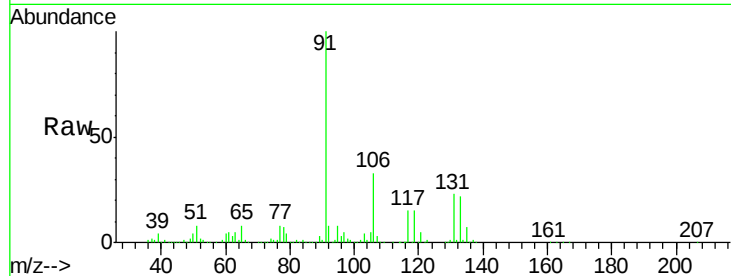
Tgt Ion:131 Resp: 1076933
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.3
119 64.4 32.8 98.4





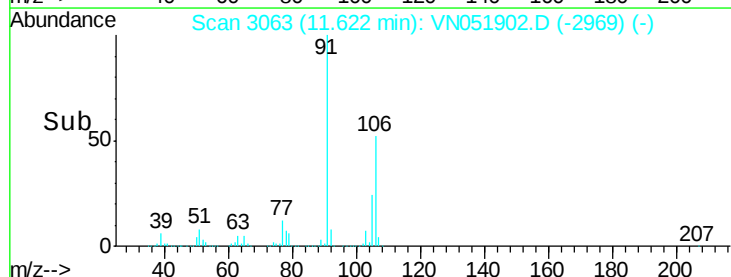
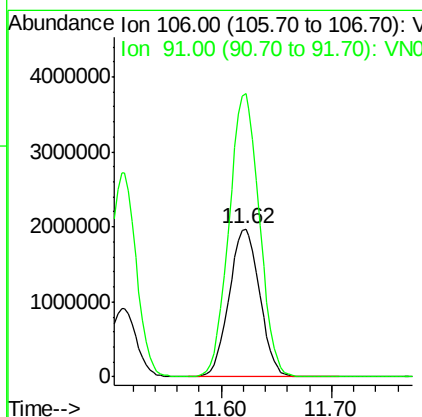
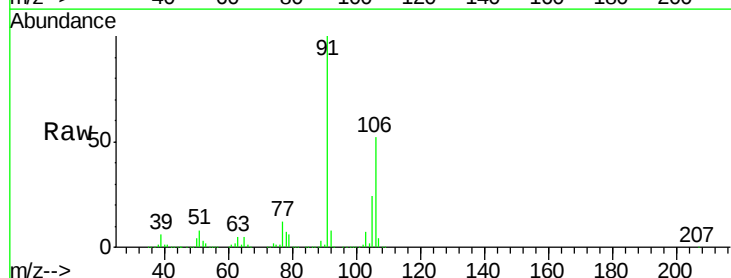
#67
Ethyl Benzene
Concen: 99.32 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

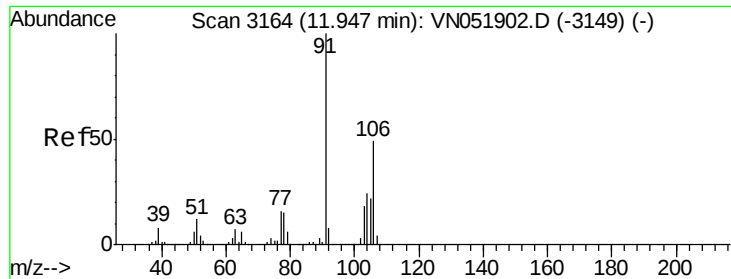
Tot Ion: 91 Resp: 4547492
Ion Ratio Lower Upper
91 100
106 33.4 25.0 37.4



#68
m/p-Xylenes
Concen: 202.17 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

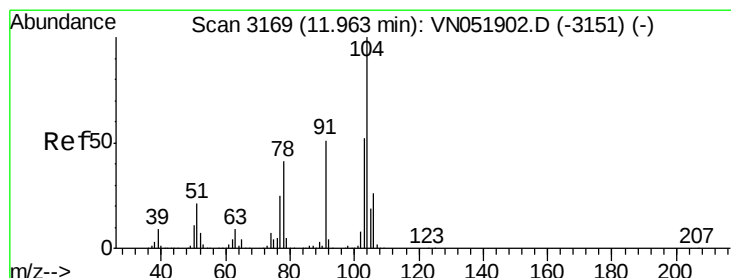
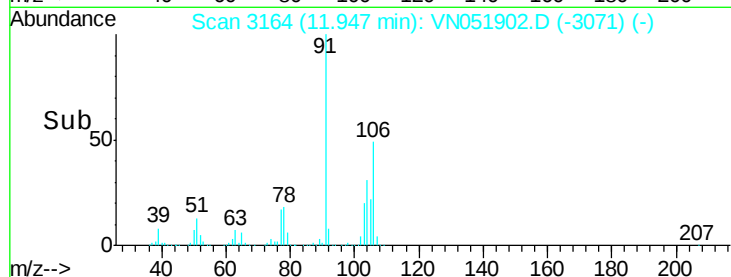
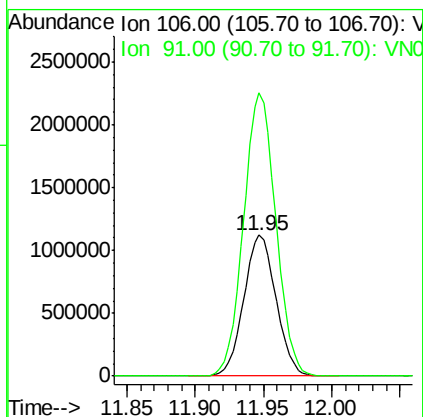
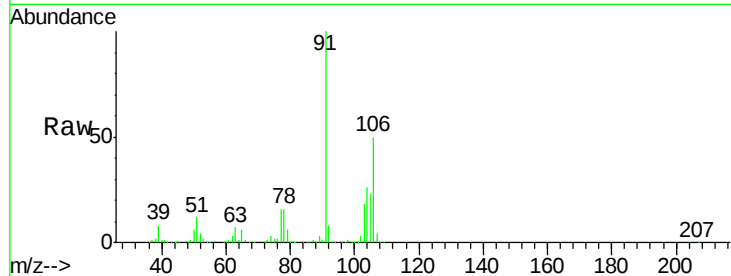
Tgt Ion: 106 Resp: 3773436
Ion Ratio Lower Upper
106 100
91 190.7 161.0 241.6





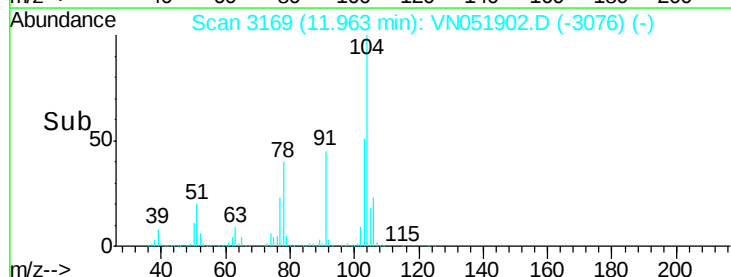
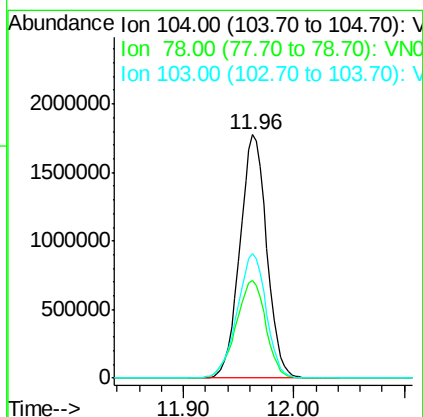
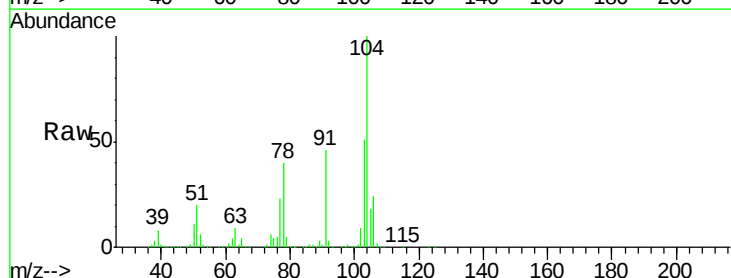
#69
o-Xylene
Concen: 100.86 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

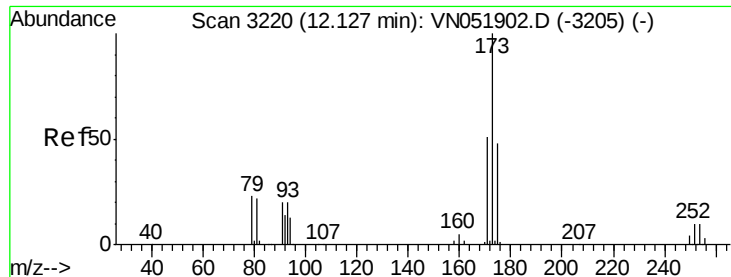
Tot Ion:106 Resp: 1841813
Ion Ratio Lower Upper
106 100
91 201.1 106.5 319.5



#70
Styrene
Concen: 103.85 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

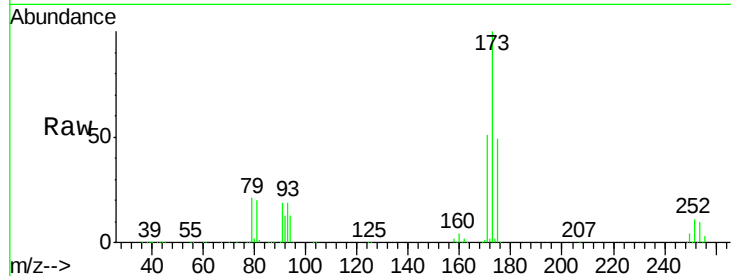
Tgt Ion:104 Resp: 2985385
Ion Ratio Lower Upper
104 100
78 44.5 38.2 57.4
103 55.6 44.4 66.6



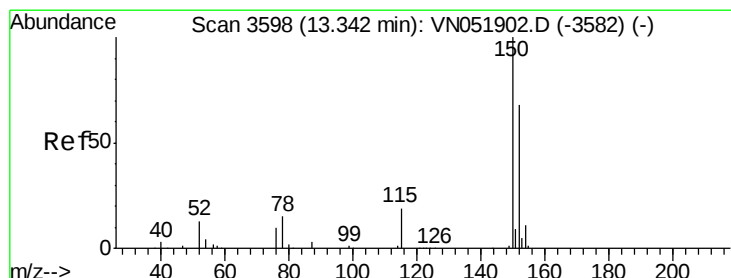
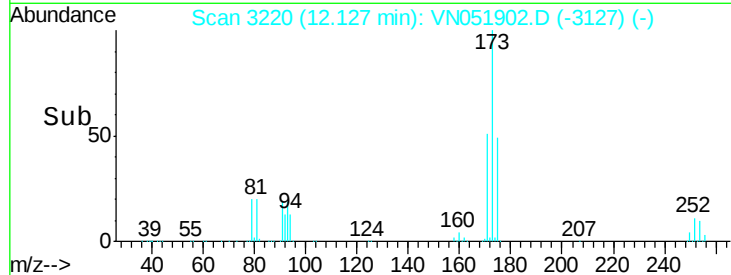
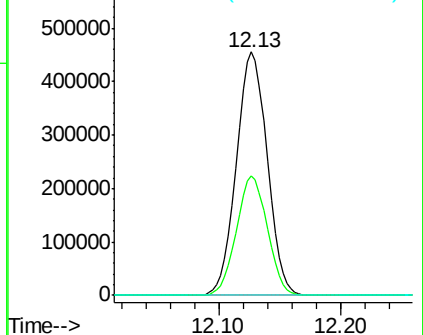


#71
Bromoform
Concen: 114.98 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

Tot Ion:173 Resp: 794173
Ion Ratio Lower Upper
173 100
175 49.3 24.4 73.4
254 0.1 0.1 0.1#

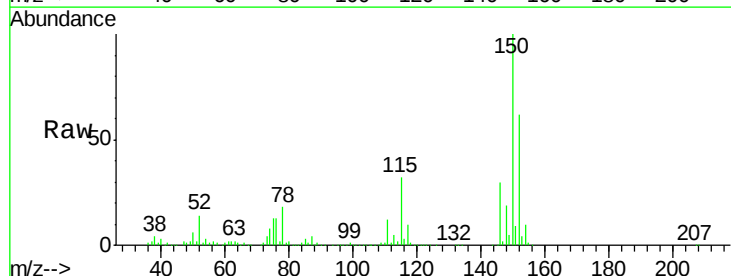


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

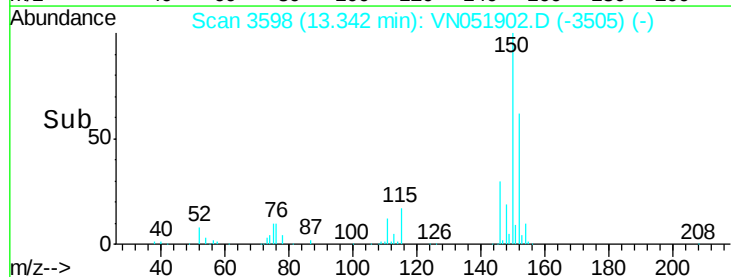
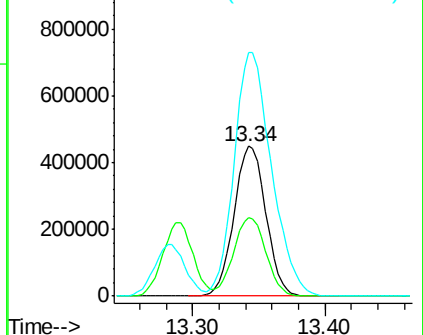


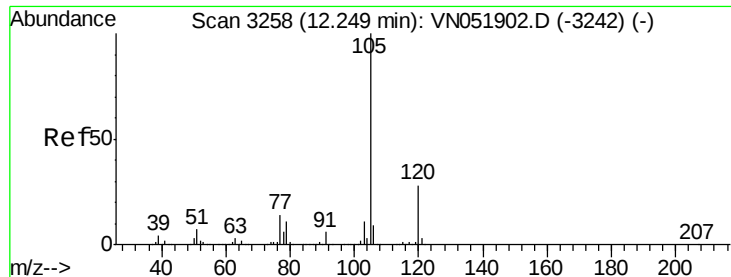
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

Tgt Ion:152 Resp: 746526
Ion Ratio Lower Upper
152 100
115 52.7 27.8 83.4
150 190.6 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: 98.69 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051902.D

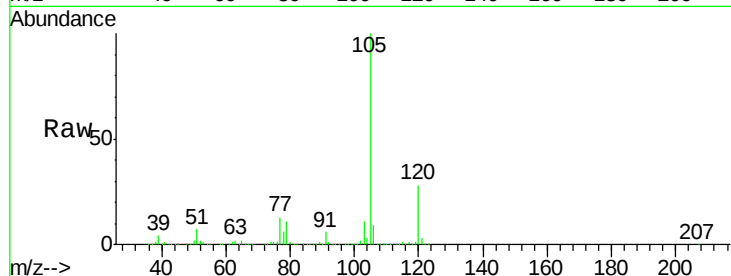
Acq: 17 Oct 2018 10:35

Tot Ion:105 Resp: 4982276

Ion Ratio Lower Upper

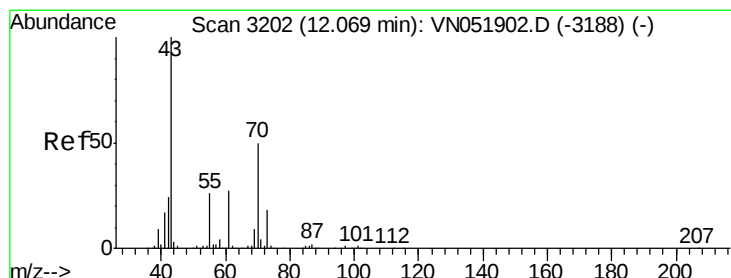
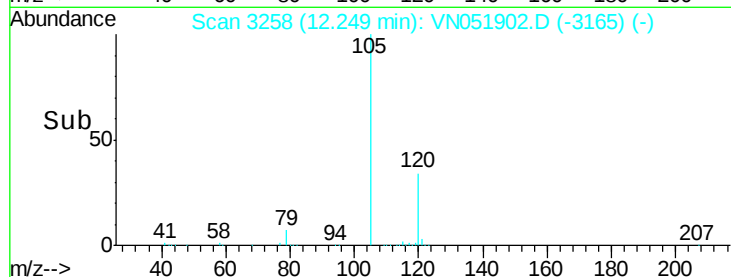
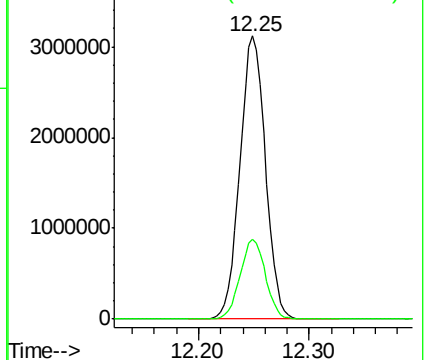
105 100

120 28.1 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: 109.01 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tgt Ion: 43 Resp: 955347

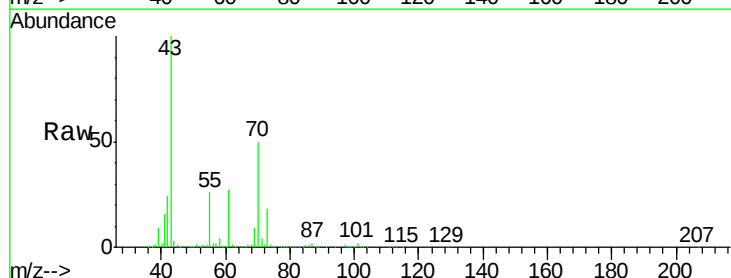
Ion Ratio Lower Upper

43 100

70 50.8 36.2 54.2

55 25.8 21.8 32.8

61 27.5 20.5 30.7

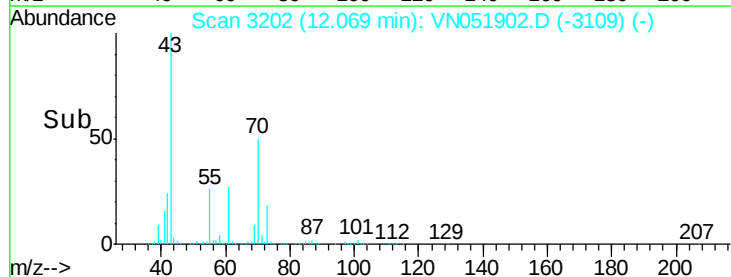
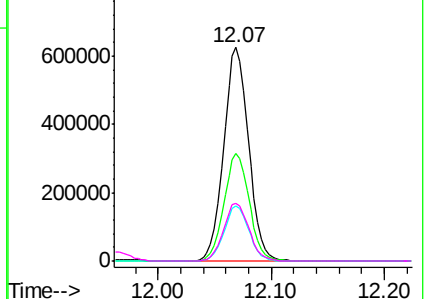


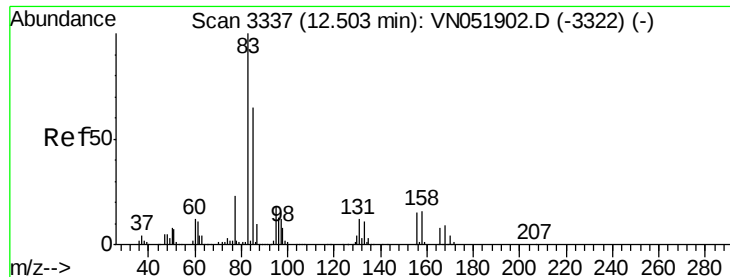
Abundance Ion 43.00 (42.70 to 43.70): V

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: 105.49 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

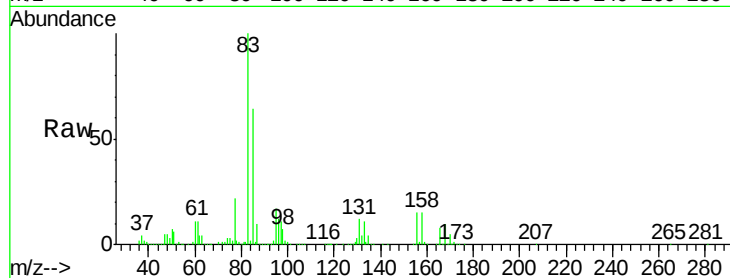
Tot Ion: 83 Resp: 1020560

Ion	Ratio	Lower	Upper
83	100		
131	12.7	5.3	15.9
85	65.0	31.9	95.7

83 100

131 12.7 5.3 15.9

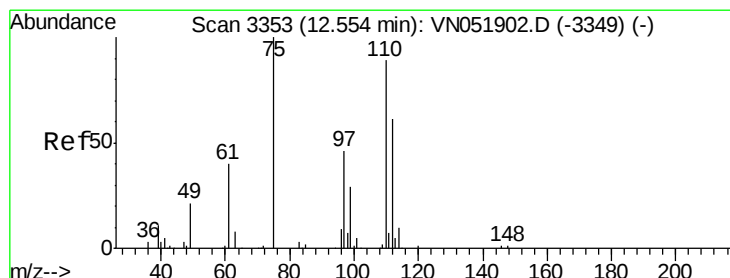
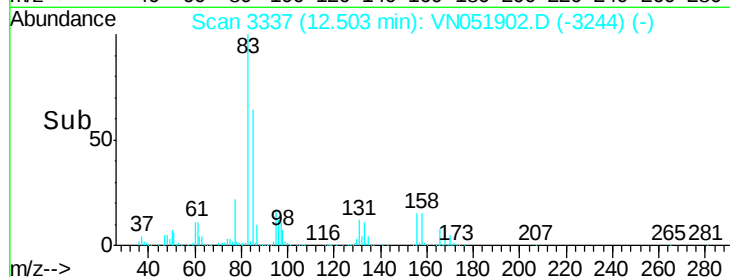
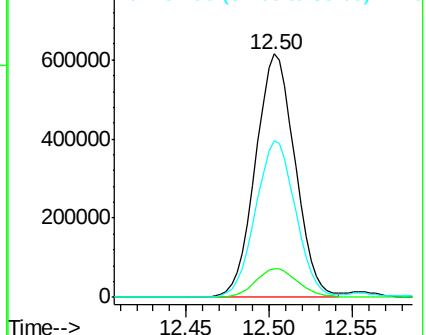
85 65.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN051902.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN051902.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN051902.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 163.80 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051902.D

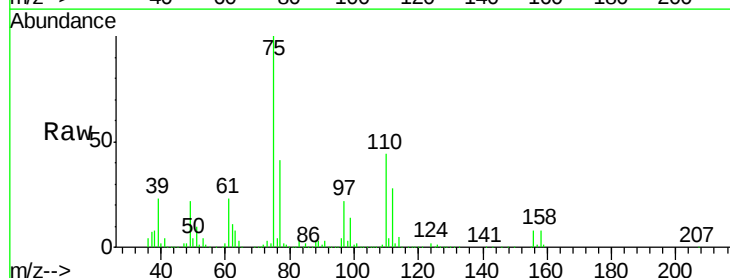
Acq: 17 Oct 2018 10:35

Tgt Ion: 75 Resp: 1242617

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

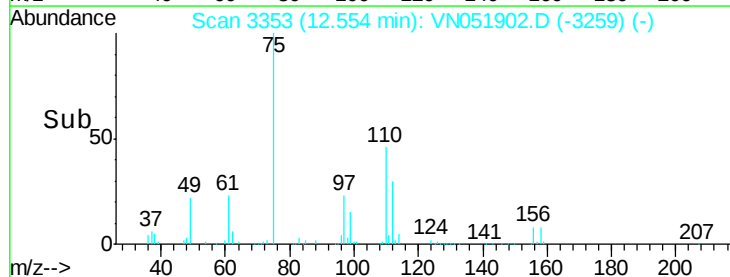
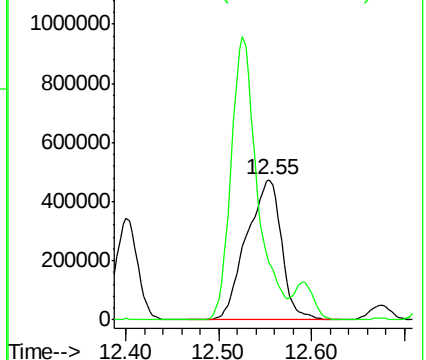
75 100

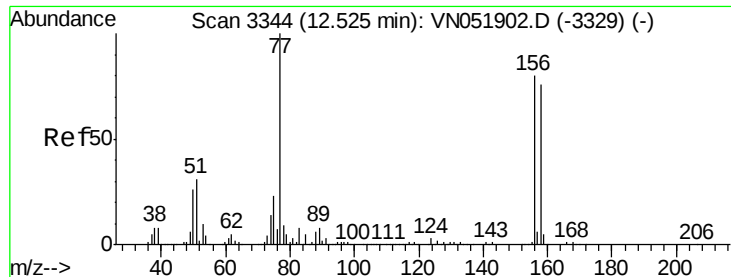
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051902.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN051902.D (-3353) (-)





#77

Bromobenzene

Concen: 105.85 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

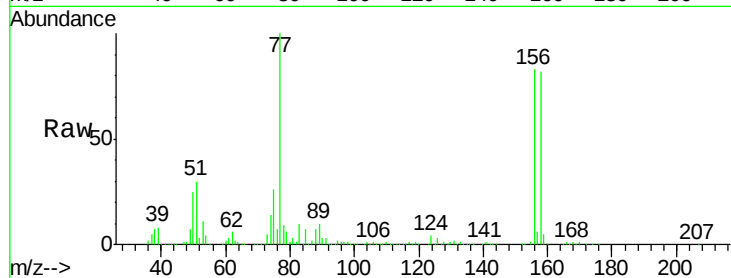
Tot Ion:156 Resp: 1350493

Ion Ratio Lower Upper

156 100

77 140.1 89.9 269.7

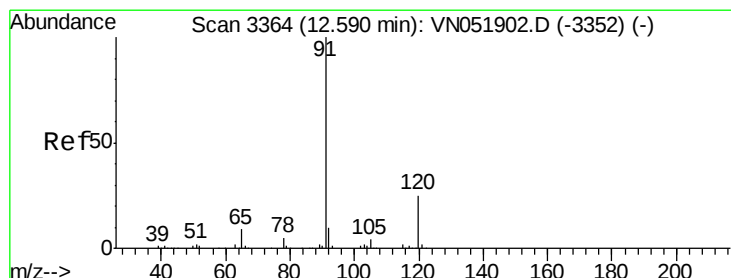
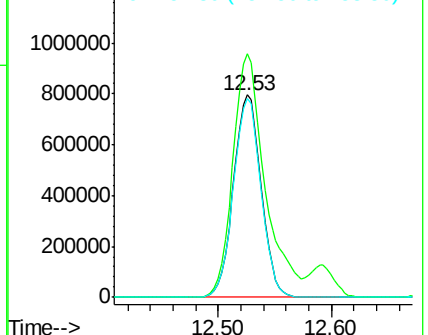
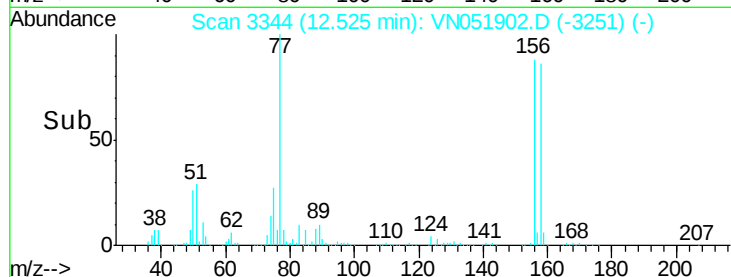
158 97.8 49.3 147.9



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: 97.83 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051902.D

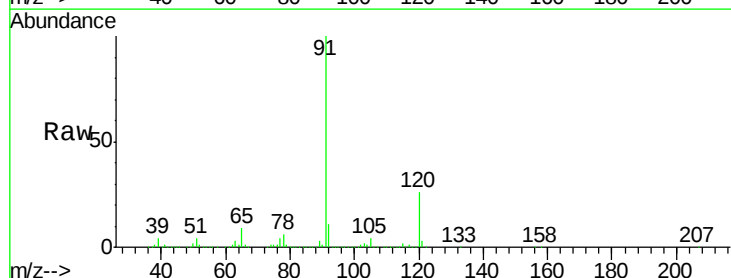
Acq: 17 Oct 2018 10:35

Tgt Ion: 91 Resp: 5391046

Ion Ratio Lower Upper

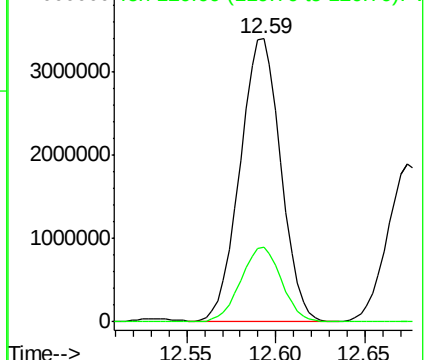
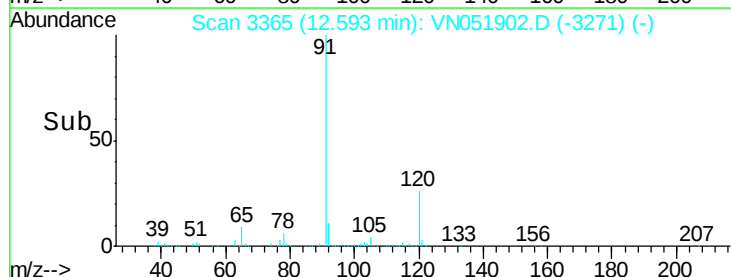
91 100

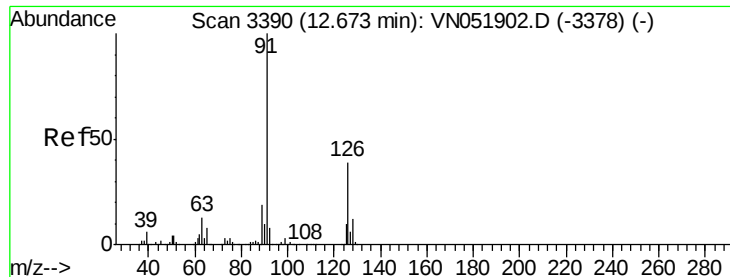
120 26.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

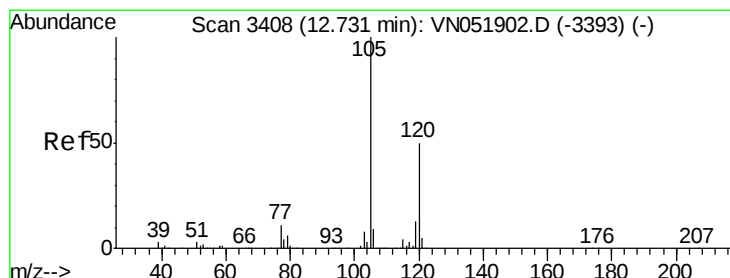
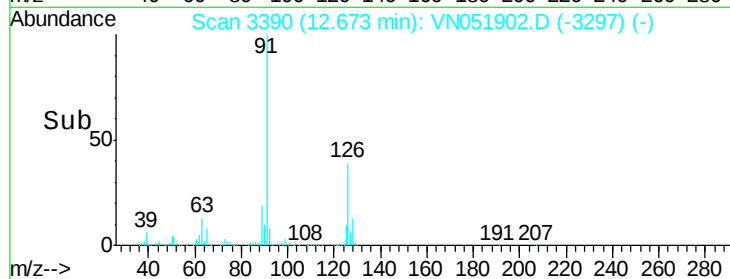
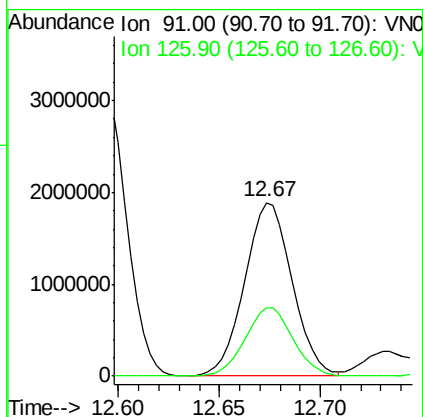
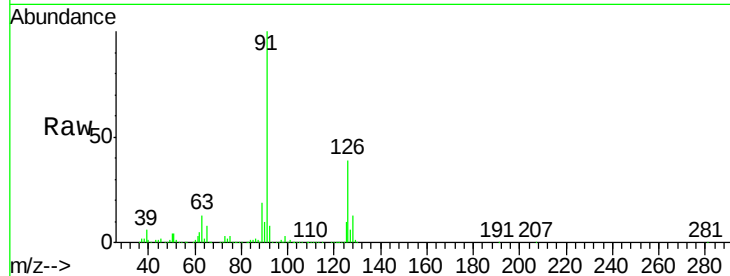
Ion 120.00 (119.70 to 120.70): V





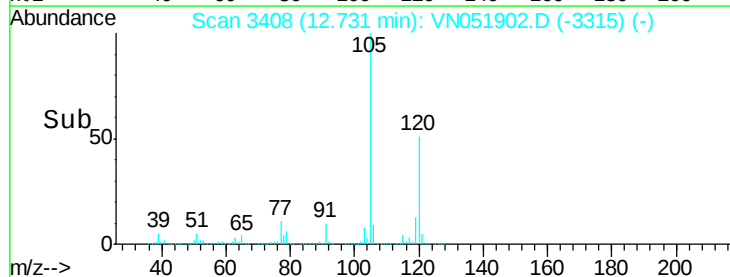
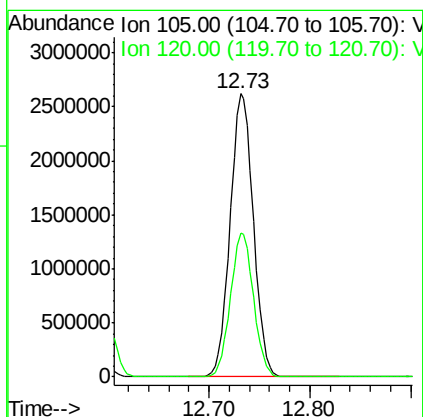
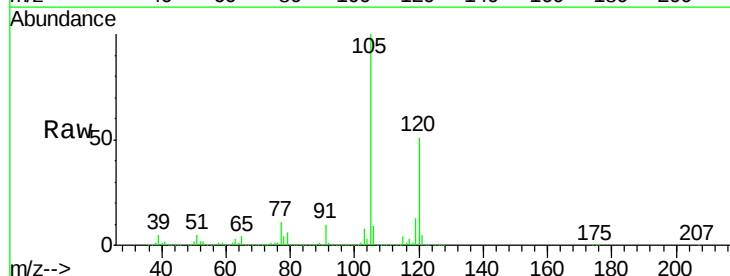
#79
 2-Chlorotoluene
 Concen: 98.23 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

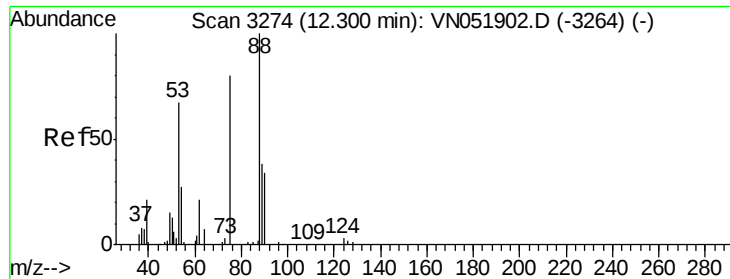
Tot Ion: 91 Resp: 3111920
 Ion Ratio Lower Upper
 91 100
 126 39.8 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 99.33 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

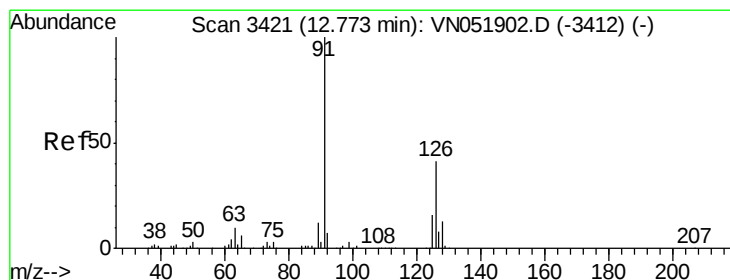
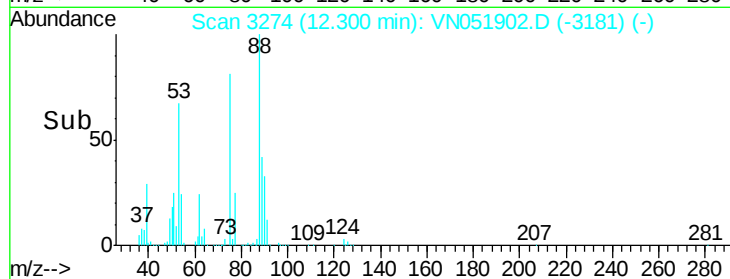
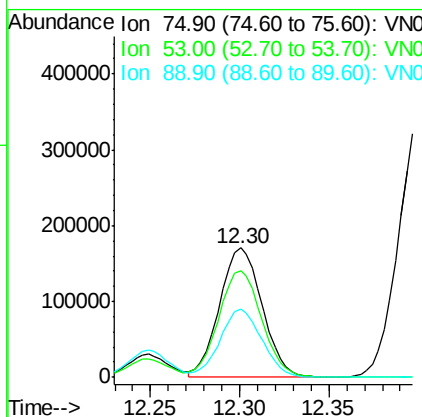
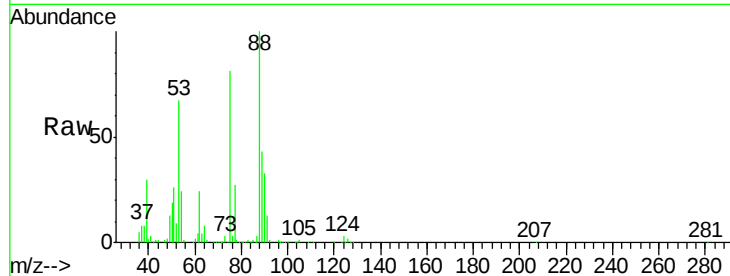
Tgt Ion: 105 Resp: 4200046
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.6 74.0





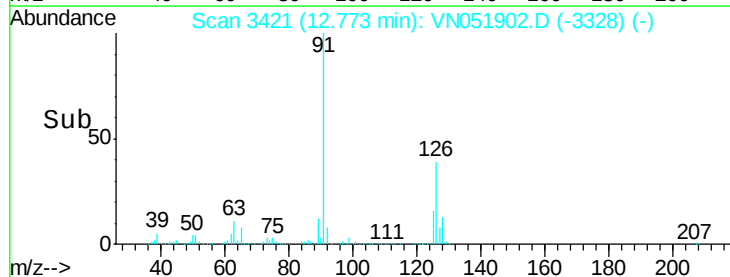
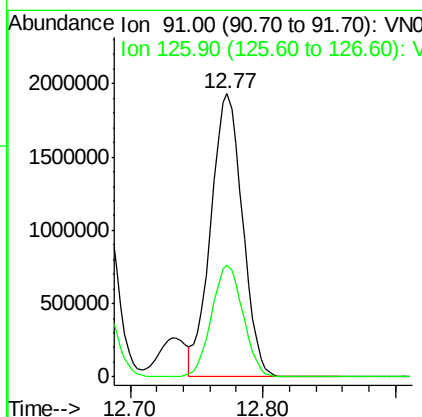
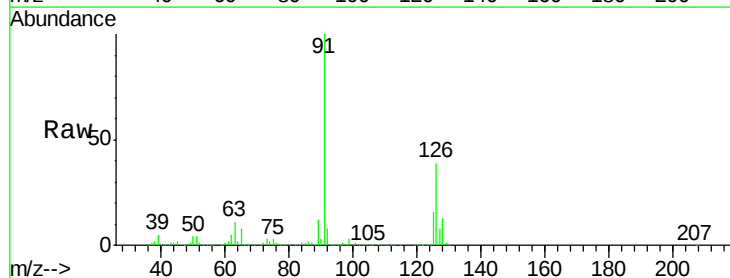
#81
trans-1,4-Dichloro-2-butene
Concen: 106.83 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

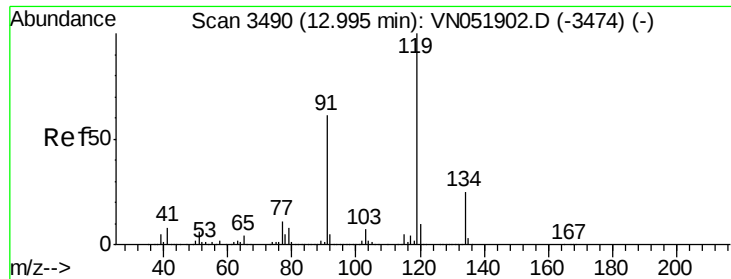
Tot Ion	Ratio	Lower	Upper
75	100		
53	84.0	68.9	103.3
89	52.1	36.1	54.1



#82
4-Chlorotoluene
Concen: 99.72 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

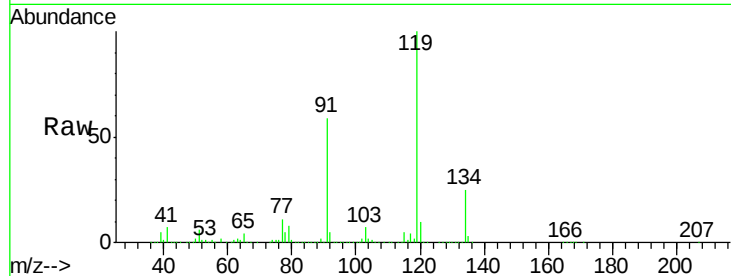
Tgt Ion	Ratio	Lower	Upper
91	100		
126	39.2	17.5	52.5



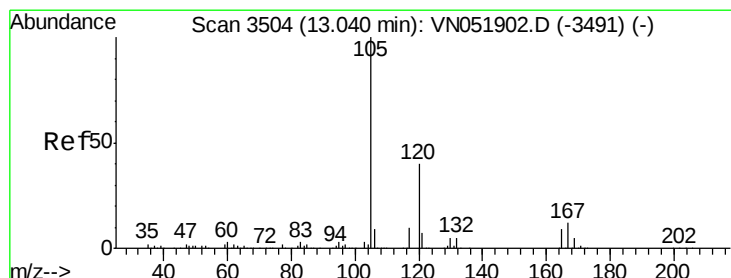
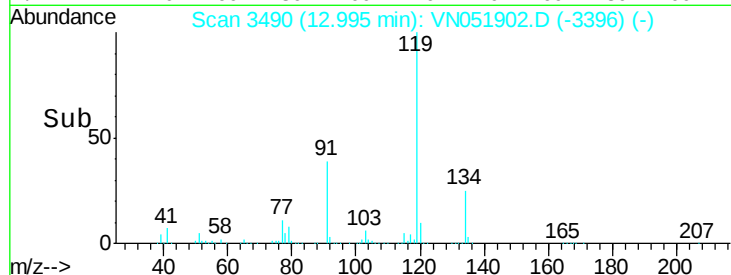
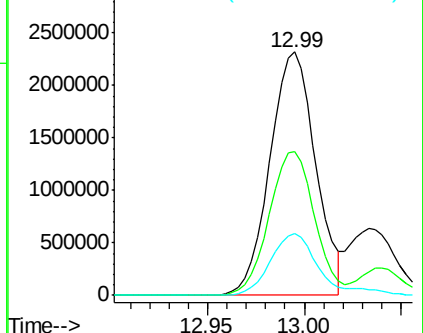


#83
tert-Butylbenzene
Concen: 98.26 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

Tot Ion:119 Resp: 3805104
Ion Ratio Lower Upper
119 100
91 58.7 31.6 94.7
134 27.2 13.4 40.1

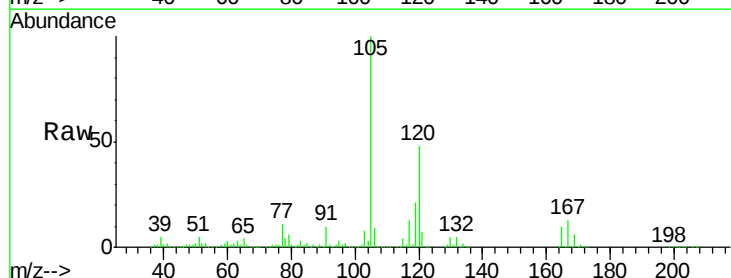


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

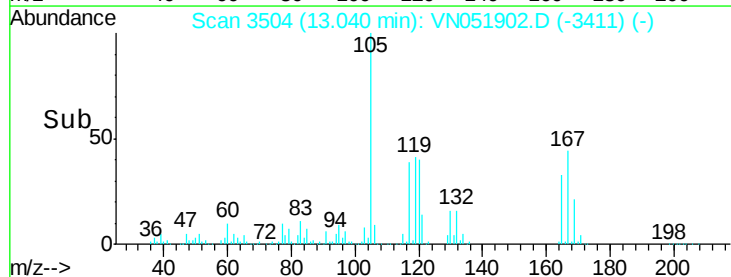
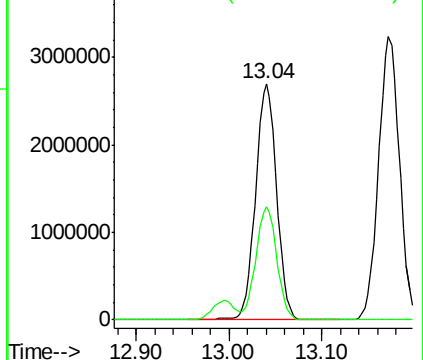


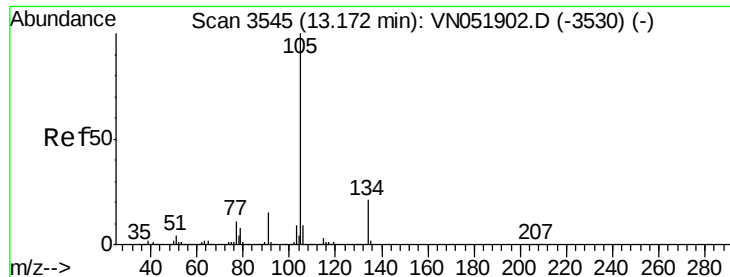
#84
1,2,4-Trimethylbenzene
Concen: 98.91 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

Tgt Ion:105 Resp: 4240749
Ion Ratio Lower Upper
105 100
120 47.7 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: 98.29 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051902.D

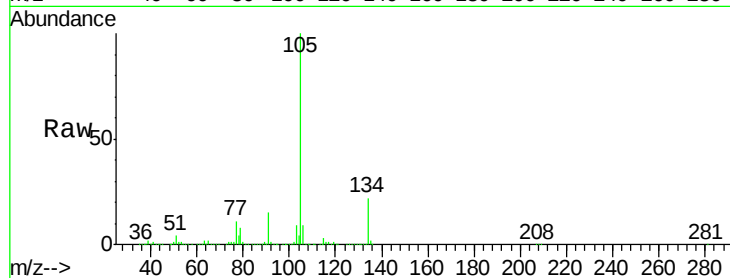
Acq: 17 Oct 2018 10:35

Tot Ion:105 Resp: 5047379

Ion Ratio Lower Upper

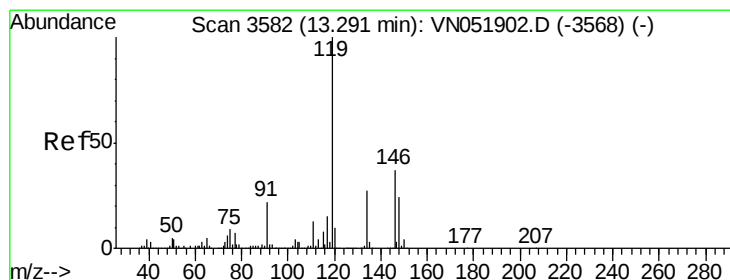
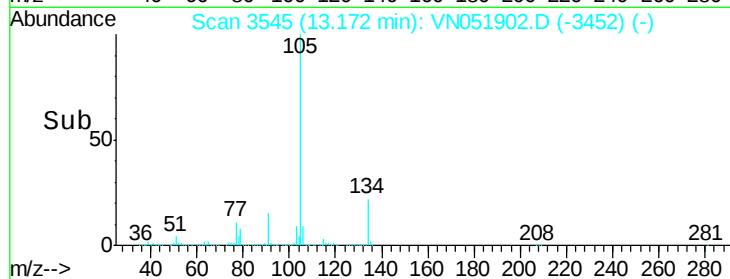
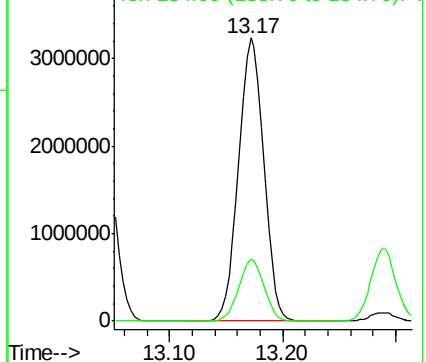
105 100

134 21.9 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: 99.86 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

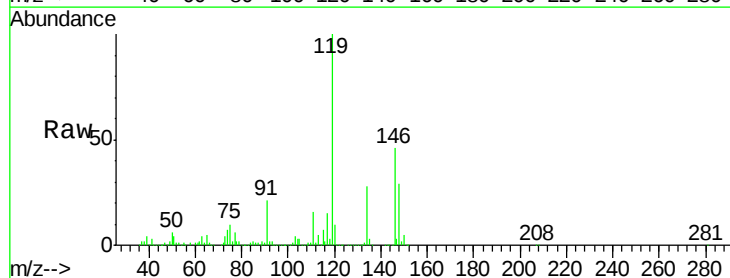
Tgt Ion:119 Resp: 4650887

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

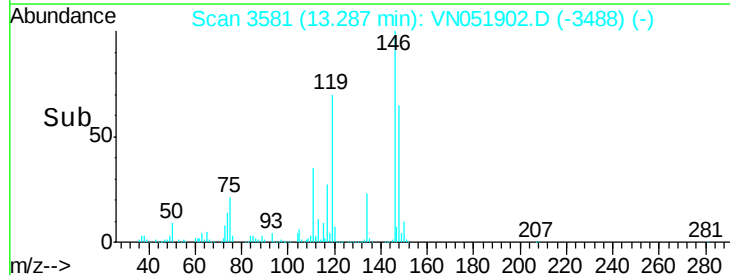
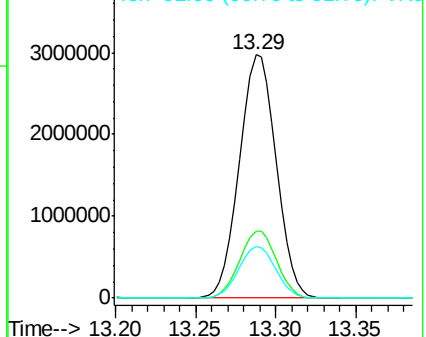
91 21.1 11.2 33.5

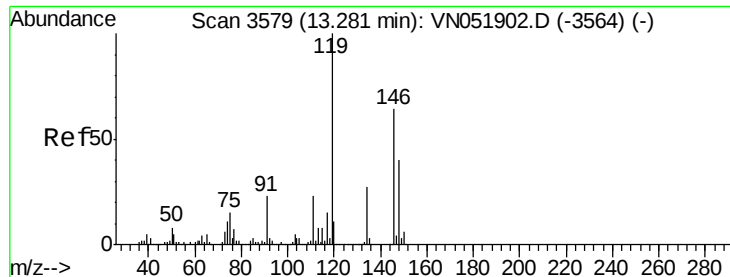


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 105.71 ug/l

RT: 13.28 min Scan# 3579

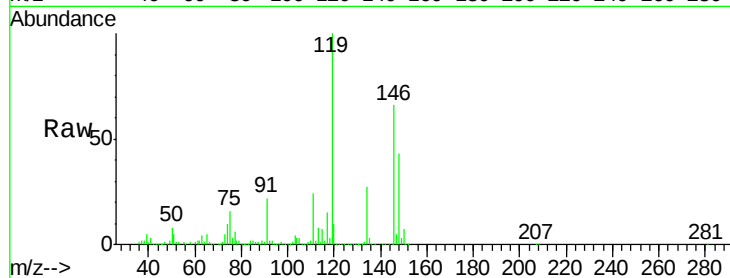
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tot Ion:146 Resp: 2452645

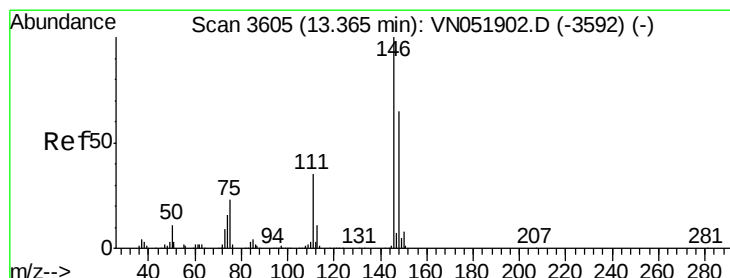
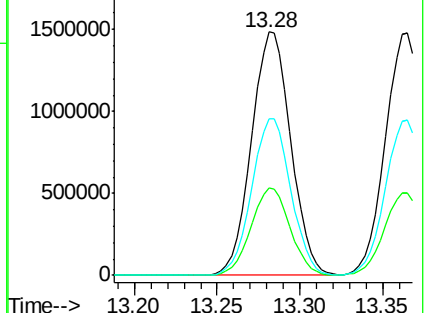
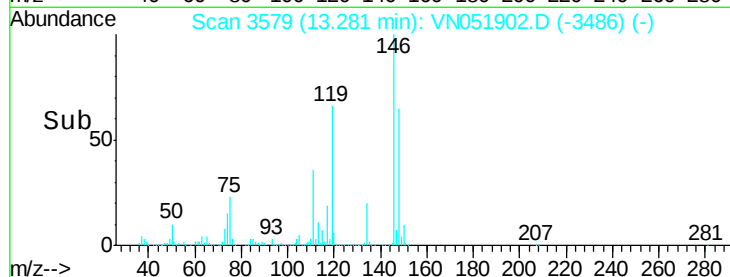
Ion	Ratio	Lower	Upper
146	100		
111	35.7	19.1	57.3
148	64.2	32.2	96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 107.49 ug/l

RT: 13.36 min Scan# 3605

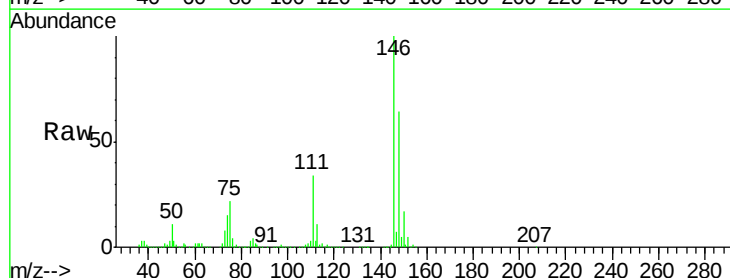
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tgt Ion:146 Resp: 2404648

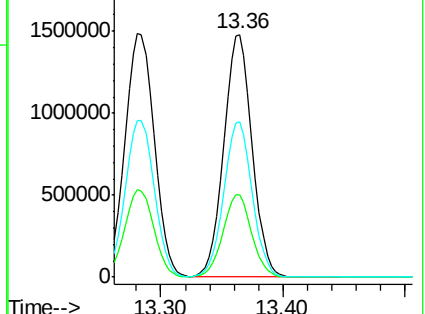
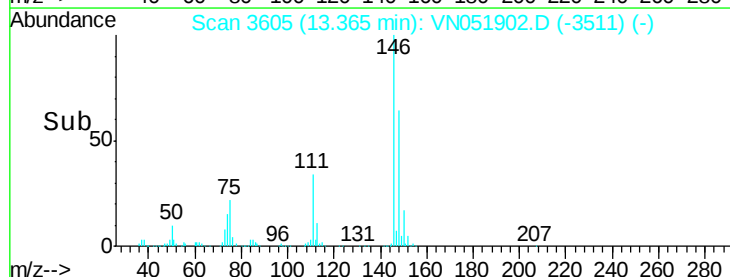
Ion	Ratio	Lower	Upper
146	100		
111	34.3	18.8	56.3
148	64.2	32.2	96.6

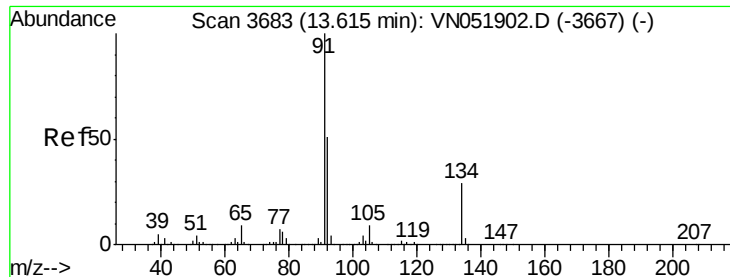


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

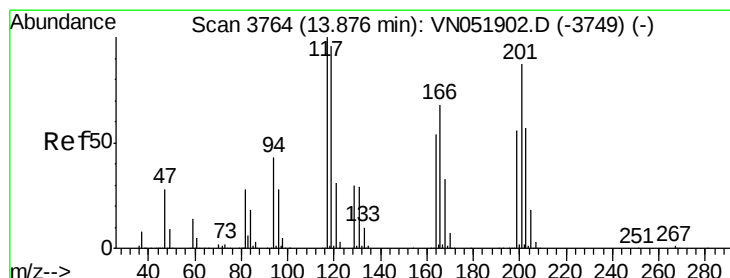
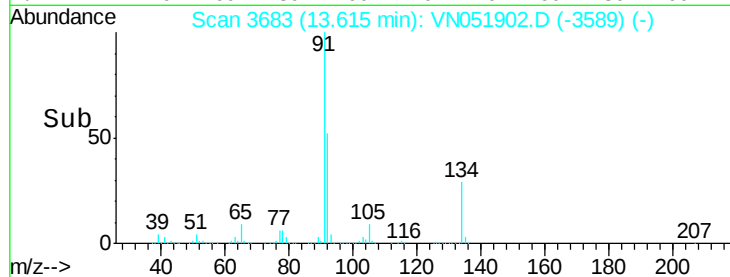
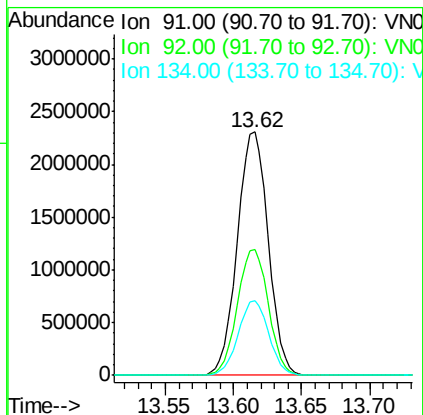
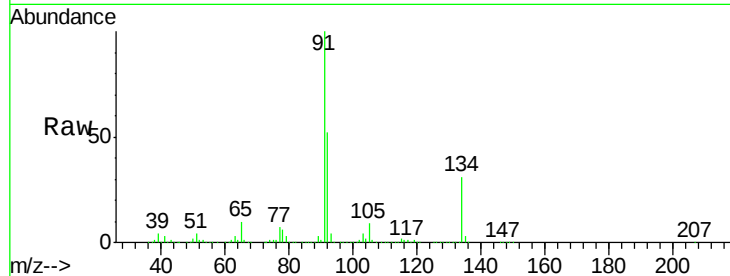
Ion 147.90 (147.60 to 148.60): V





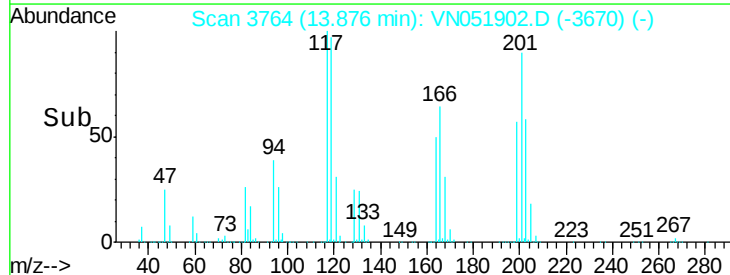
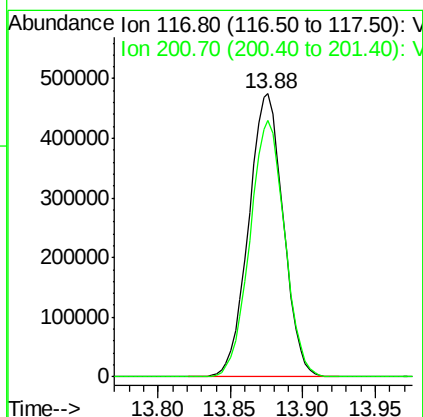
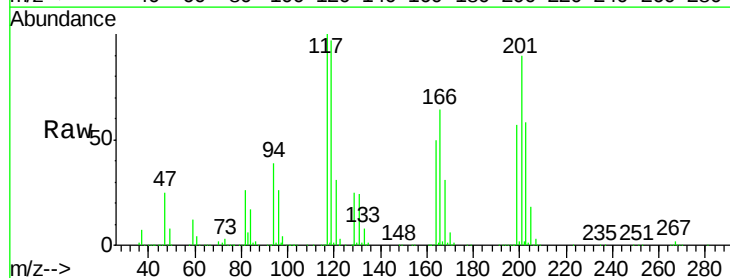
#89
n-Butylbenzene
Concen: 100.14 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

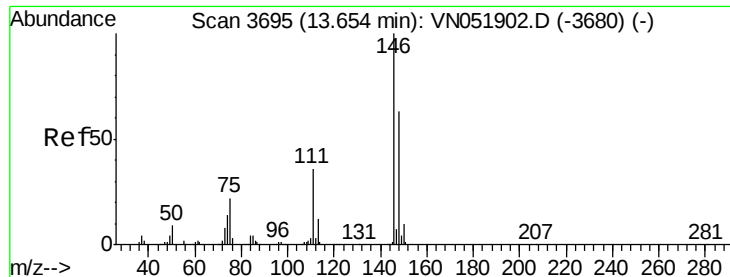
Tot Ion: 91 Resp: 3622455
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.2
134 30.4 13.2 39.6



#90
Hexachloroethane
Concen: 99.75 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051902.D
Acq: 17 Oct 2018 10:35

Tgt Ion: 117 Resp: 790730
Ion Ratio Lower Upper
117 100
201 90.7 46.0 137.8





#91

1,2-Dichlorobenzene

Concen: 105.92 ug/l

RT: 13.65 min Scan# 3694

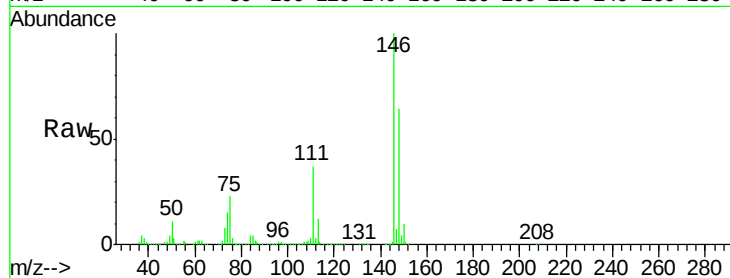
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tot Ion:146 Resp: 2369441

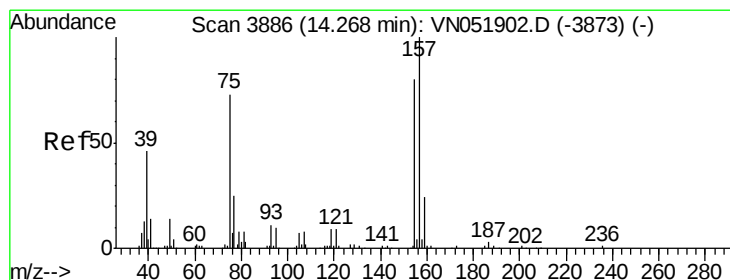
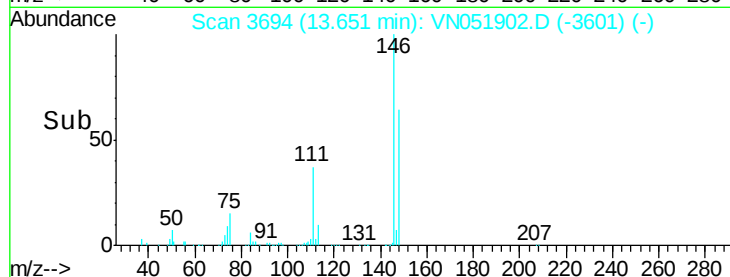
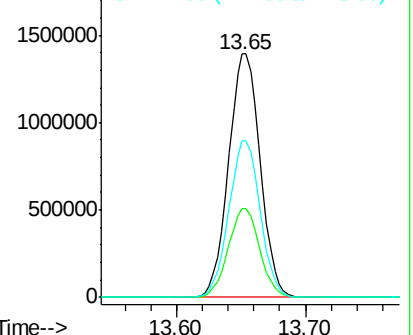
Ion	Ratio	Lower	Upper
146	100		
111	36.4	19.8	59.3
148	63.9	32.3	96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 105.34 ug/l

RT: 14.27 min Scan# 3887

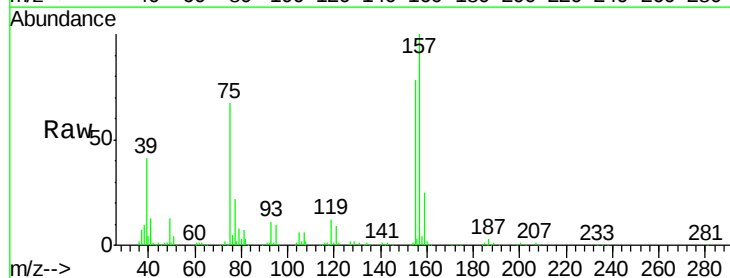
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tgt Ion: 75 Resp: 154205

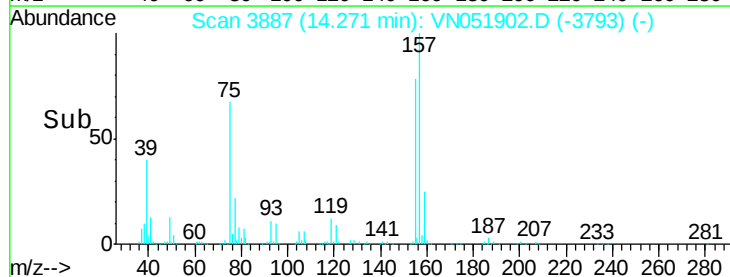
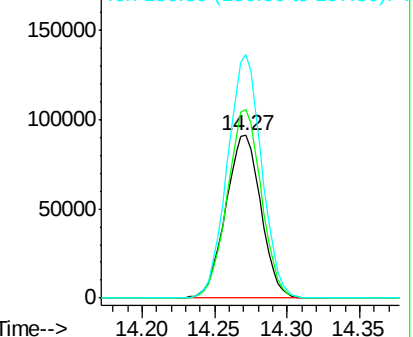
Ion	Ratio	Lower	Upper
75	100		
155	112.1	46.4	139.1
157	145.4	60.7	182.0

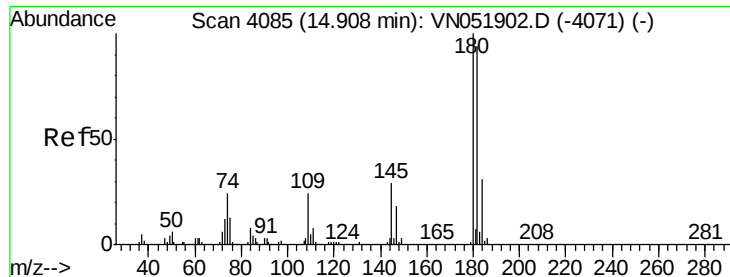


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

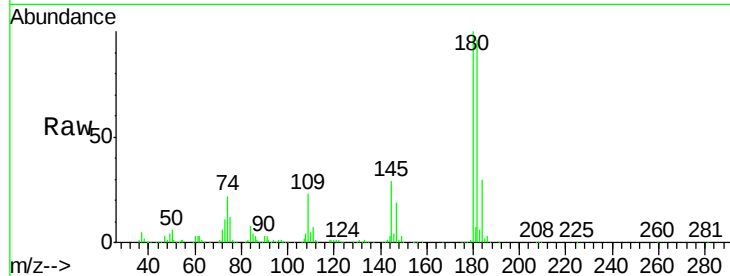
Ion 156.80 (156.50 to 157.50): V



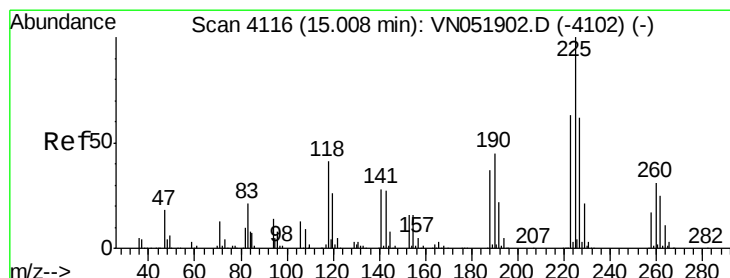
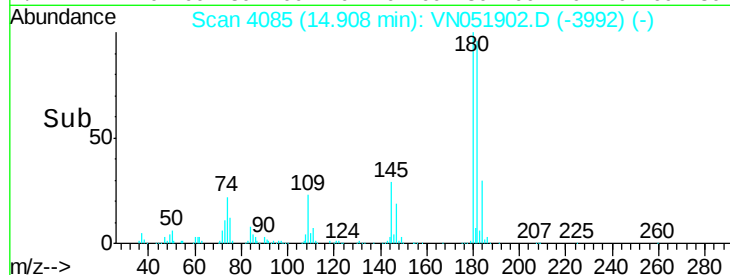
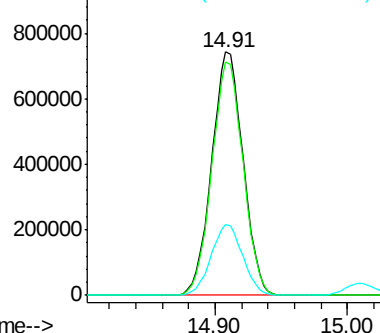


#93
 1,2,4-Trichlorobenzene
 Concen: 117.31 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

Tot Ion:180 Resp: 1218328
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.2 144.6
 145 29.3 14.1 42.2

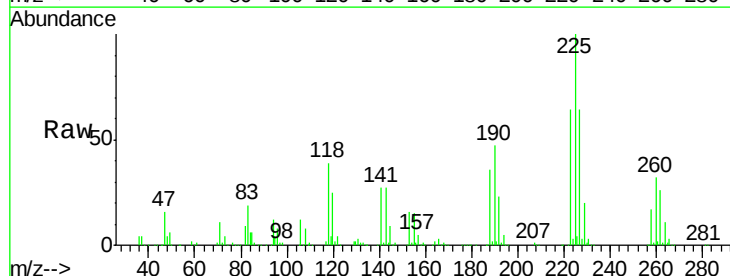


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

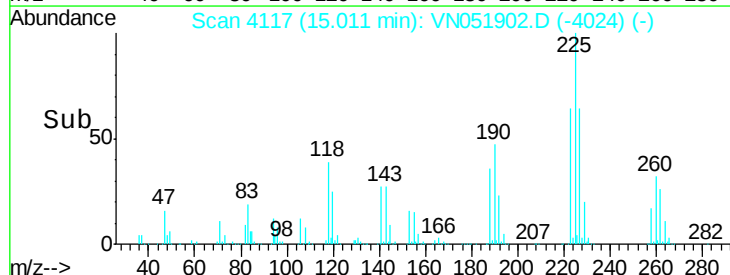
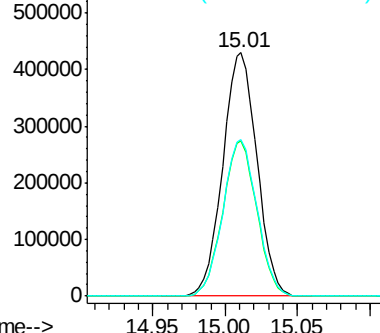


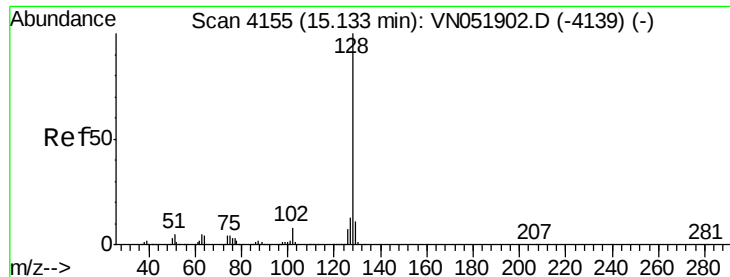
#94
 Hexachlorobutadiene
 Concen: 101.35 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051902.D
 Acq: 17 Oct 2018 10:35

Tgt Ion:225 Resp: 705379
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.3 93.8
 227 64.4 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: 129.35 ug/l

RT: 15.13 min Scan# 4155

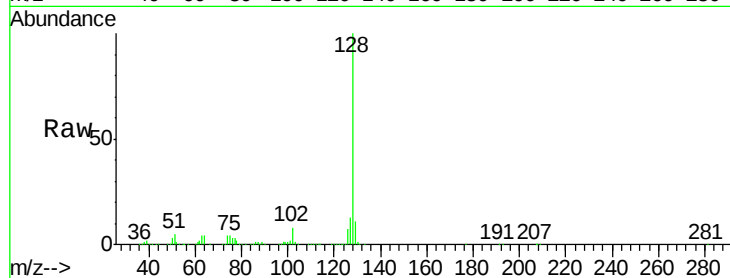
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tot Ion:128 Resp: 2517275

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.7	13.1

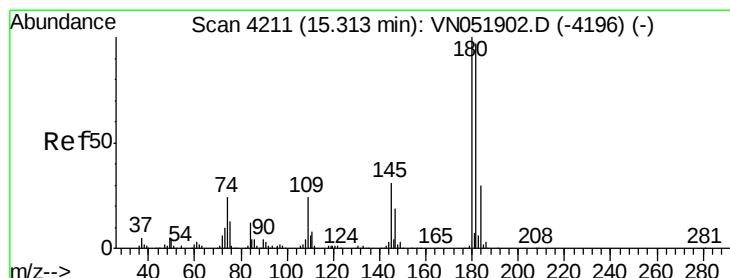
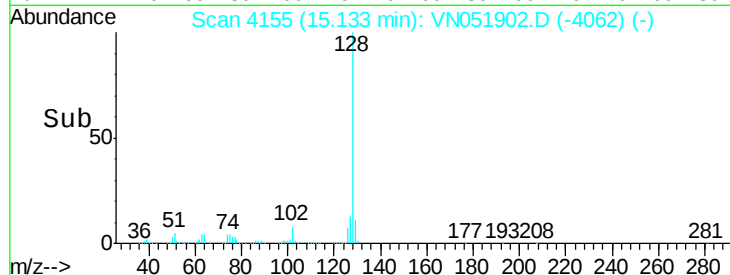
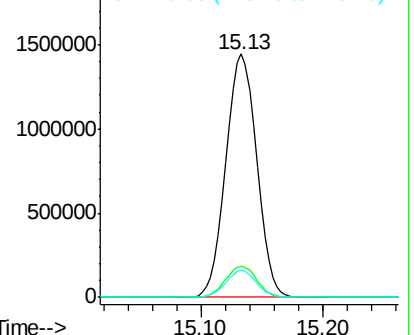


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 120.40 ug/l

RT: 15.31 min Scan# 4211

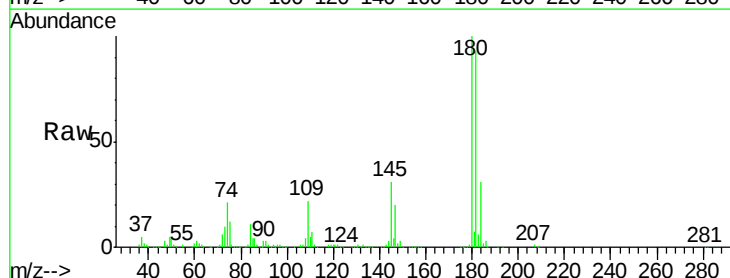
Delta R.T. 0.00 min

Lab File: VN051902.D

Acq: 17 Oct 2018 10:35

Tgt Ion:180 Resp: 1181031

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.2
145	30.3	15.2	45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

