

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101718\
 Data File : VN051898.D
 Acq On : 17 Oct 2018 8:57
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Quant Time: Oct 17 12:04:49 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	949678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1396517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1154553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	385743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	13561	1.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.72%	
35) Dibromofluoromethane	7.60	113	12126	1.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.28%	
50) Toluene-d8	10.09	98	43373	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	
62) 4-Bromofluorobenzene	12.40	95	14468	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	7279	1.41	ug/l	97
3) Chloromethane	2.06	50	7610	1.43	ug/l	99
4) Vinyl Chloride	2.19	62	9857	1.25	ug/l	96
5) Bromomethane	2.57	94	12168	1.83	ug/l	97
6) Chloroethane	2.71	64	8104	1.36	ug/l #	79
7) Trichlorofluoromethane	3.02	101	15478	1.24	ug/l	99
8) Diethyl Ether	3.41	74	4212	1.12	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	3.76	101	9012	1.17	ug/l #	85
10) Methyl Iodide	3.96	142	6234	0.71	ug/l #	72
11) Tert butyl alcohol	4.78	59	1196	2.59	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	8715	1.28	ug/l #	77
13) Acrolein	3.60	56	1114	3.43	ug/l #	1
14) Allyl chloride	4.33	41	9098	1.14	ug/l #	78
15) Acrylonitrile	5.00	53	5172	2.80	ug/l #	82
16) Acetone	3.82	43	10853	6.37	ug/l	90
17) Carbon Disulfide	4.05	76	19640	1.15	ug/l	99
18) Methyl Acetate	4.34	43	8848	1.97	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	10742	0.55	ug/l	92
20) Methylene Chloride	4.56	84	10129	1.33	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	9771	1.26	ug/l #	72
22) Diisopropyl ether	5.96	45	19644	1.10	ug/l #	74
23) Vinyl Acetate	5.90	43	64138	5.19	ug/l #	87
24) 1,1-Dichloroethane	5.85	63	14554	1.15	ug/l	97
25) 2-Butanone	6.84	43	14129	6.18	ug/l #	85
26) 2,2-Dichloropropane	6.83	77	12731	1.00	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	10720	1.16	ug/l	87
28) Bromochloromethane	7.20	49	5852	1.14	ug/l #	66
29) Tetrahydrofuran	7.22	42	8582	6.61	ug/l #	87
30) Chloroform	7.38	83	17769	1.17	ug/l	90
31) Cyclohexane	7.66	56	27173	2.53	ug/l #	49
32) 1,1,1-Trichloroethane	7.57	97	14411	1.00	ug/l #	49
36) 1,1-Dichloropropene	7.79	75	12815	1.15	ug/l	95
37) Ethyl Acetate	6.94	43	3000	0.60	ug/l #	70
38) Carbon Tetrachloride	7.77	117	14011	1.04	ug/l	96

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

39) Methylcyclohexane	9.09	83	15569	1.08	ug/l #	80
40) Benzene	8.05	78	35978	1.08	ug/l	98
41) Methacrylonitrile	7.22	41	5881	2.40	ug/l #	37
42) 1,2-Dichloroethane	8.12	62	11175	1.06	ug/l	93
43) Isopropyl Acetate	8.17	43	10383	1.04	ug/l #	95
44) Trichloroethene	8.84	130	11238	1.09	ug/l	88
45) 1,2-Dichloropropane	9.12	63	8178	1.07	ug/l	95
46) Dibromomethane	9.21	93	6535	1.14	ug/l	92
47) Bromodichloromethane	9.41	83	11397	0.94	ug/l	92
48) Methyl methacrylate	9.20	41	4663	1.04	ug/l #	74
49) 1,4-Dioxane	9.20	88	1914	23.76	ug/l #	69
51) 4-Methyl-2-Pentanone	9.98	43	26945	5.26	ug/l	96
52) Toluene	10.16	92	22787	1.01	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	9328	0.79	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	11625	0.90	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	8182	1.01	ug/l	95
56) Ethyl methacrylate	10.43	69	9080	1.00	ug/l	95
57) 1,3-Dichloropropane	10.71	76	13268	1.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	15479	3.99	ug/l	90
59) 2-Hexanone	10.75	43	18188	5.05	ug/l	98
60) Dibromochloromethane	10.90	129	8832	0.87	ug/l	96
61) 1,2-Dibromoethane	11.01	107	8450	1.00	ug/l	98
64) Tetrachloroethene	10.63	164	11522	1.25	ug/l	94
65) Chlorobenzene	11.43	112	25938	1.13	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.51	131	8955	1.01	ug/l #	63
67) Ethyl Benzene	11.51	91	42038	1.10	ug/l	95
68) m/p-Xylenes	11.62	106	32039	2.05	ug/l	97
69) o-Xylene	11.95	106	16044	1.05	ug/l	88
70) Styrene	11.96	104	22055	0.92	ug/l	96
71) Bromoform	12.13	173	4547	0.79	ug/l #	100
73) Isopropylbenzene	12.25	105	39496	1.51	ug/l	98
74) N-amyl acetate	12.07	43	7064	1.56	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.50	83	8724	1.75	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	9280	2.37	ug/l #	100
77) Bromobenzene	12.53	156	10167	1.54	ug/l	87
78) n-propylbenzene	12.59	91	39347	1.38	ug/l	99
79) 2-Chlorotoluene	12.68	91	24239	1.48	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	31539	1.44	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	1409	1.04	ug/l #	81
82) 4-Chlorotoluene	12.77	91	23506	1.42	ug/l	99
83) tert-Butylbenzene	12.99	119	29801	1.49	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	28714	1.30	ug/l	100
85) sec-Butylbenzene	13.17	105	36125	1.36	ug/l	100
86) p-Isopropyltoluene	13.29	119	28529	1.19	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	15081	1.26	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	15081	1.30	ug/l	97
89) n-Butylbenzene	13.62	91	17540	0.94	ug/l	96
90) Hexachloroethane	13.87	117	4980	1.22	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	14319	1.24	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.26	75	838	1.11	ug/l	94

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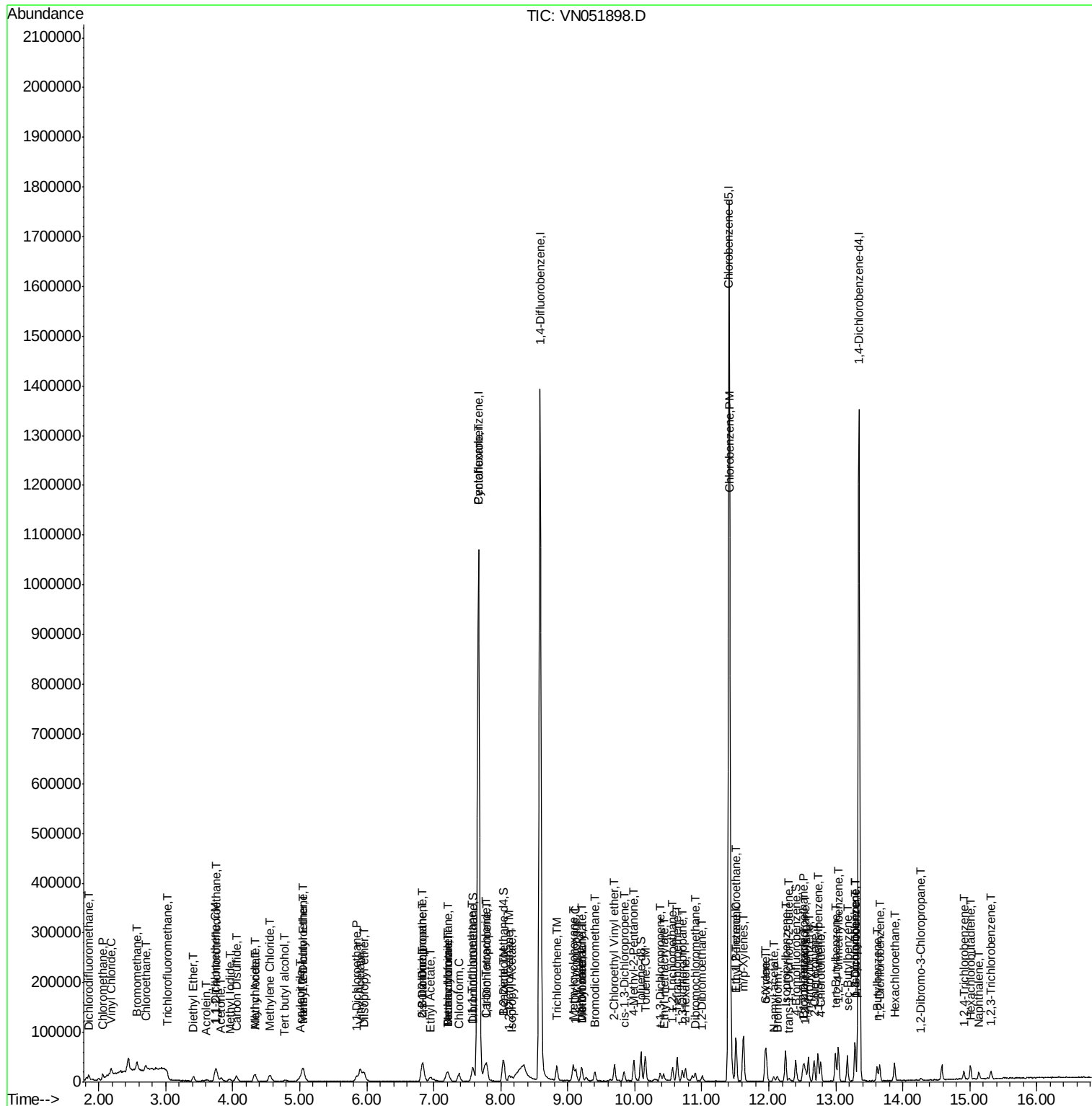
Quant Time: Oct 17 12:04:49 2018
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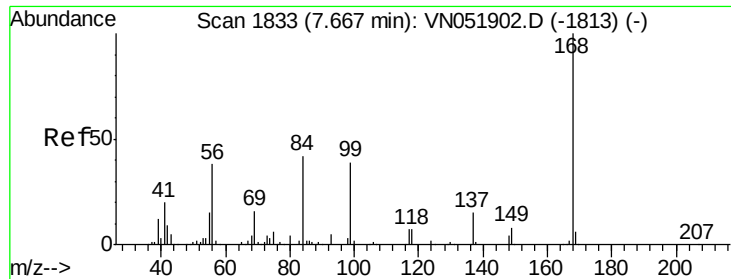
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	4910	0.91	ug/l	92
94) Hexachlorobutadiene	15.01	225	5347	1.49	ug/l	94
95) Naphthalene	15.13	128	11111	1.10	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	5925	1.17	ug/l	98

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

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Operator  : MD\SY  
Sample    : VSTDICC001  
Misc      : 5.00mL/MSVOA N/WATER  
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051898.D

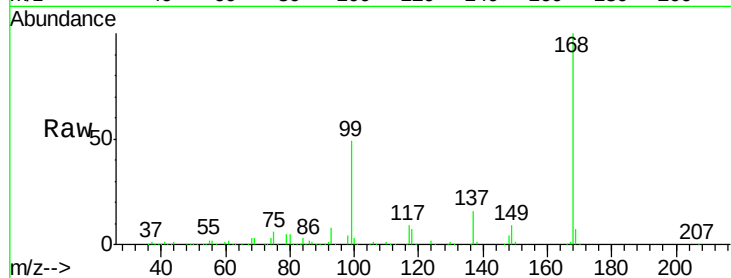
Acq: 17 Oct 2018 8:57

Tot Ion:168 Resp: 949678

Ion Ratio Lower Upper

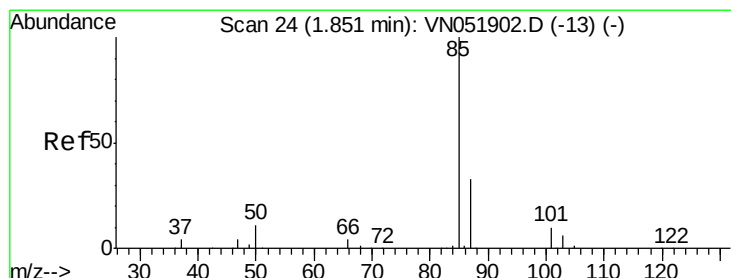
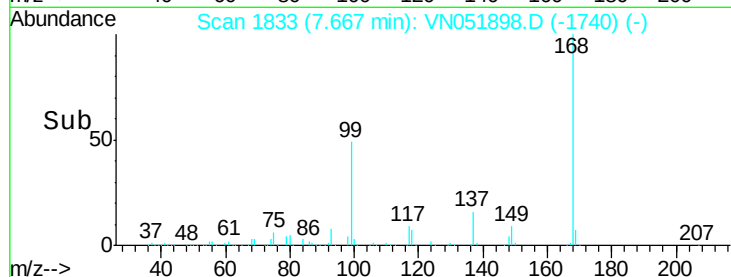
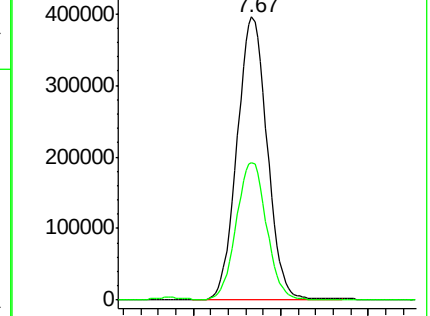
168 100

99 48.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.41 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.01 min

Lab File: VN051898.D

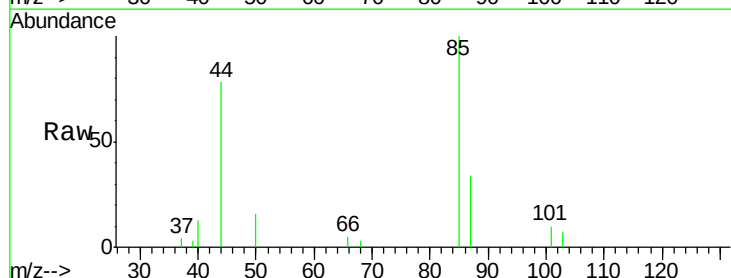
Acq: 17 Oct 2018 8:57

Tgt Ion: 85 Resp: 7279

Ion Ratio Lower Upper

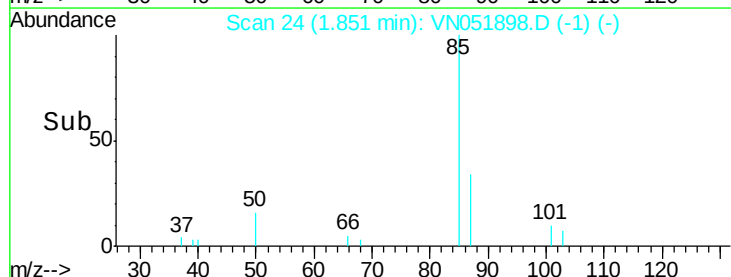
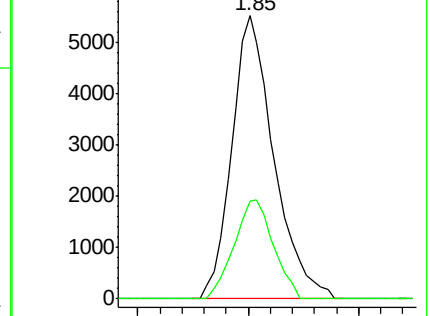
85 100

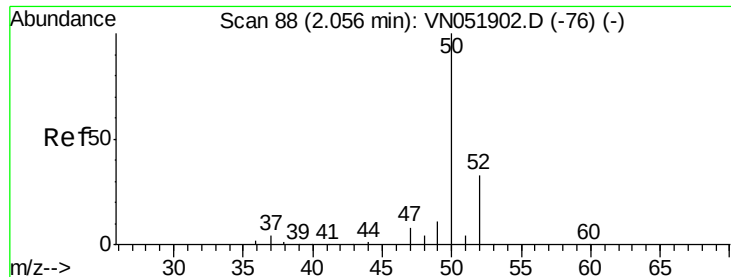
87 34.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.43 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.01 min

Lab File: VN051898.D

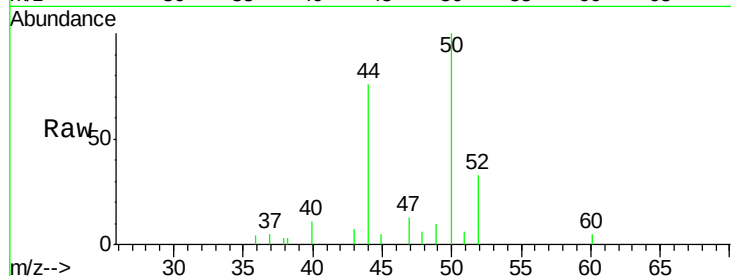
Acq: 17 Oct 2018 8:57

Tot Ion: 50 Resp: 7610

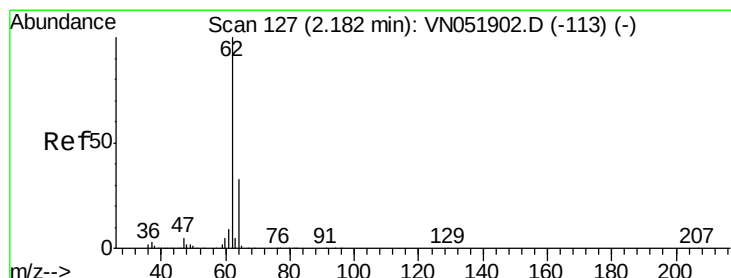
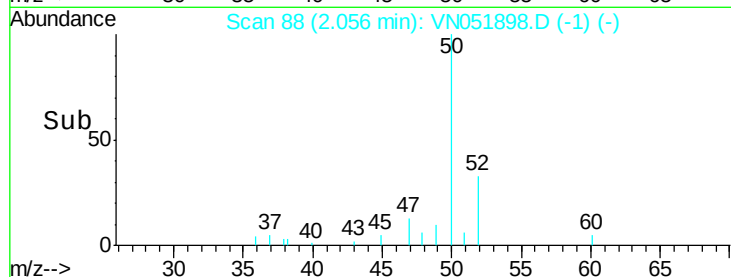
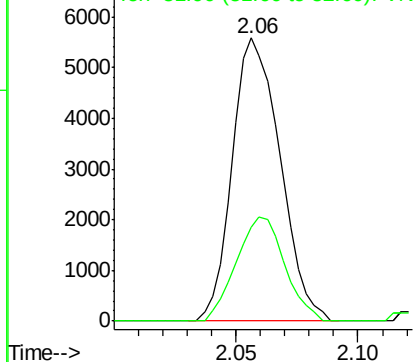
Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.25 ug/l

RT: 2.19 min Scan# 128

Delta R.T. -0.01 min

Lab File: VN051898.D

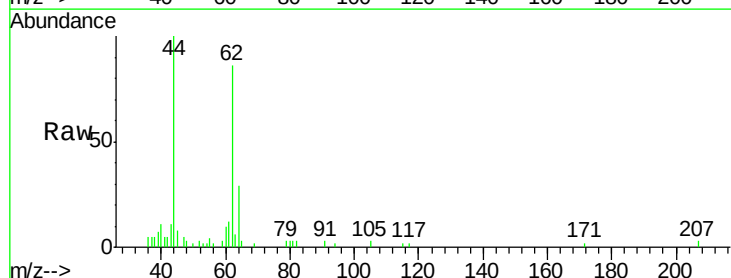
Acq: 17 Oct 2018 8:57

Tgt Ion: 62 Resp: 9857

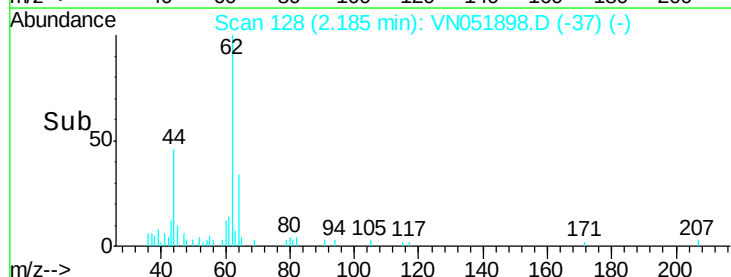
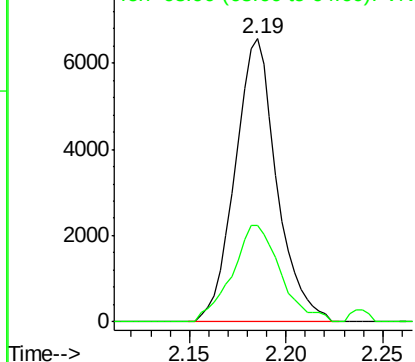
Ion Ratio Lower Upper

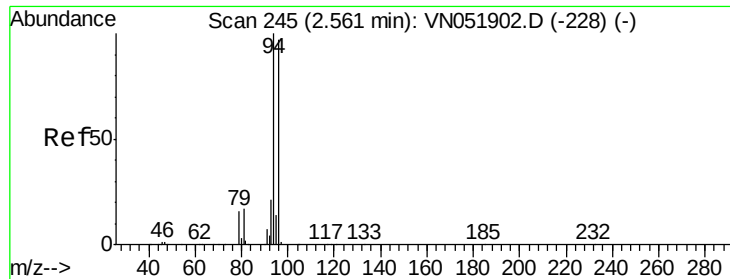
62 100

64 34.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 1.83 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN051898.D

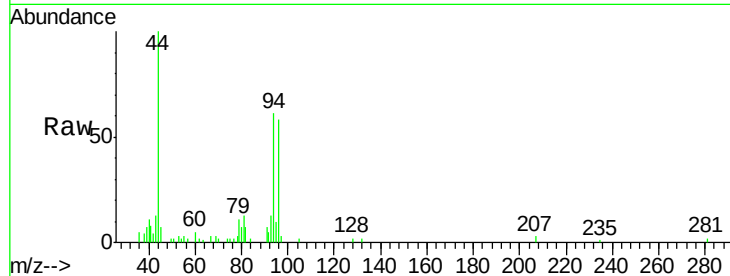
Acq: 17 Oct 2018 8:57

Tot Ion: 94 Resp: 12168

Ion Ratio Lower Upper

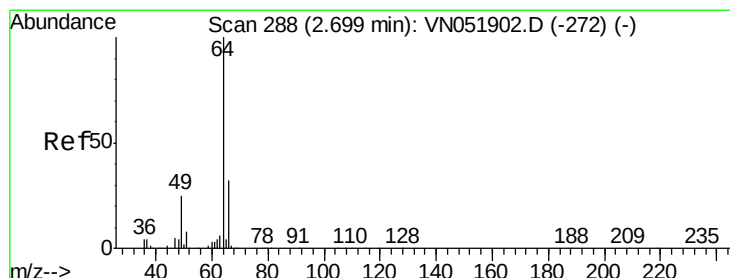
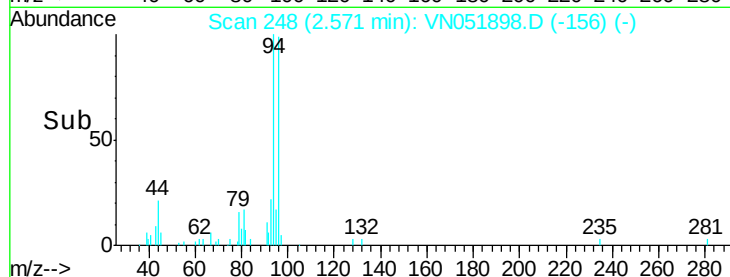
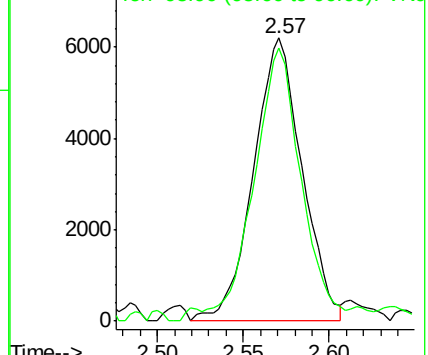
94 100

96 91.9 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 1.36 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.01 min

Lab File: VN051898.D

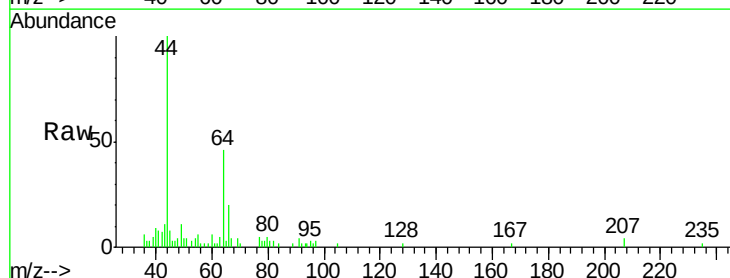
Acq: 17 Oct 2018 8:57

Tgt Ion: 64 Resp: 8104

Ion Ratio Lower Upper

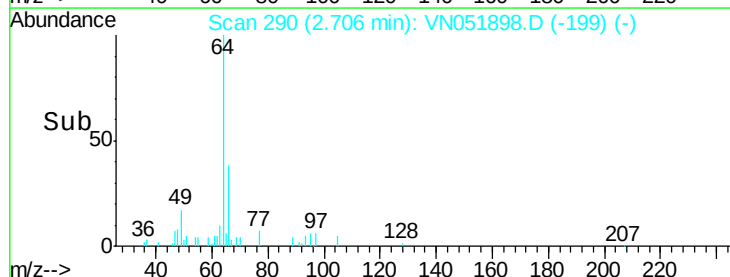
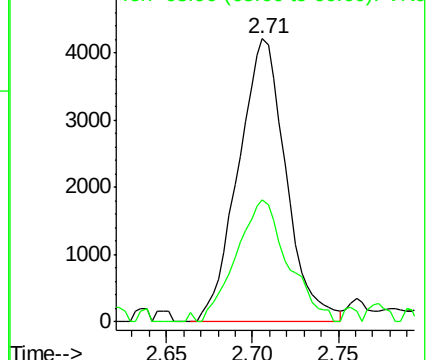
64 100

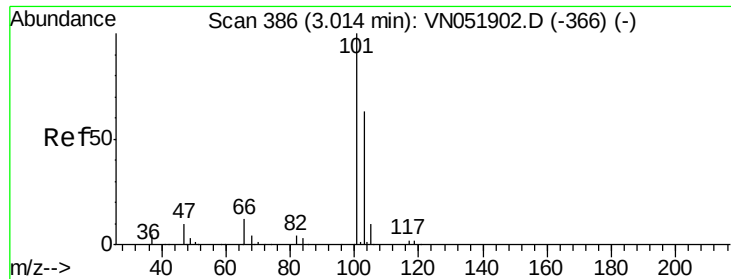
66 43.2 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 1.24 ug/l

RT: 3.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: VN051898.D

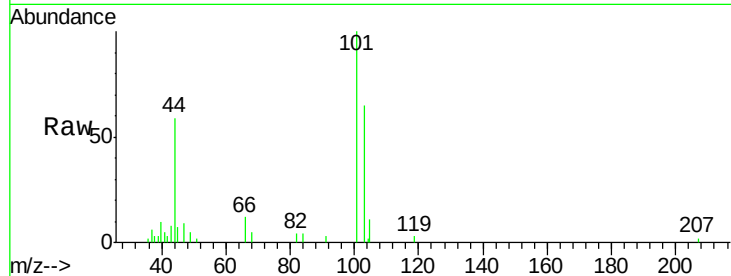
Acq: 17 Oct 2018 8:57

Tot Ion:101 Resp: 15478

Ion Ratio Lower Upper

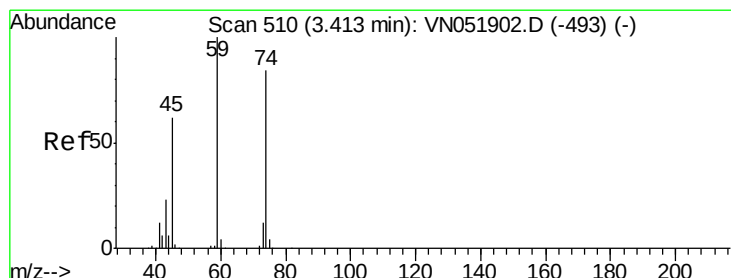
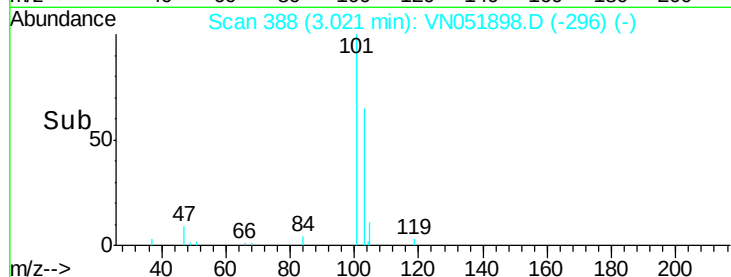
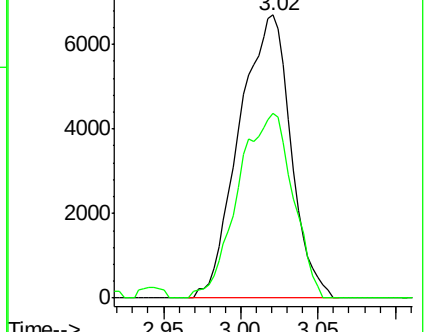
101 100

103 65.3 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: 1.12 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.01 min

Lab File: VN051898.D

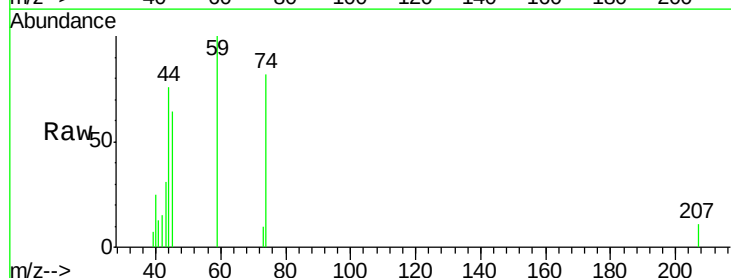
Acq: 17 Oct 2018 8:57

Tgt Ion: 74 Resp: 4212

Ion Ratio Lower Upper

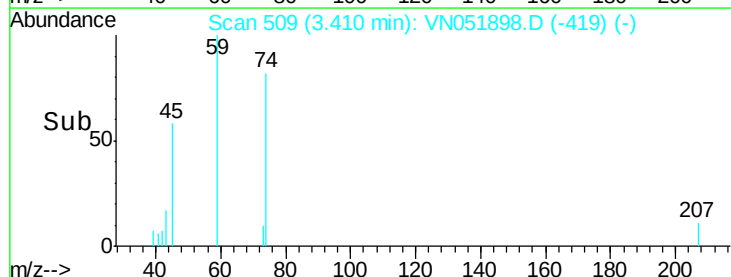
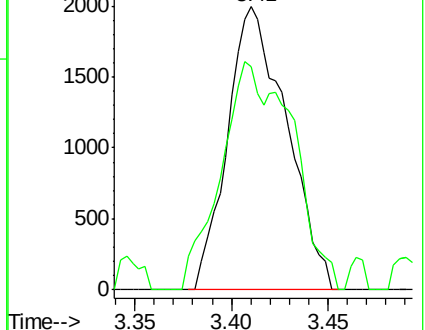
74 100

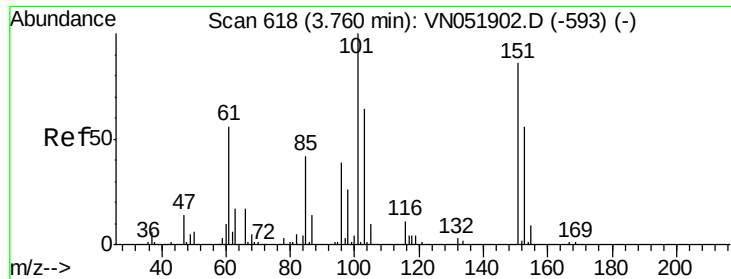
45 56.6 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.17 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

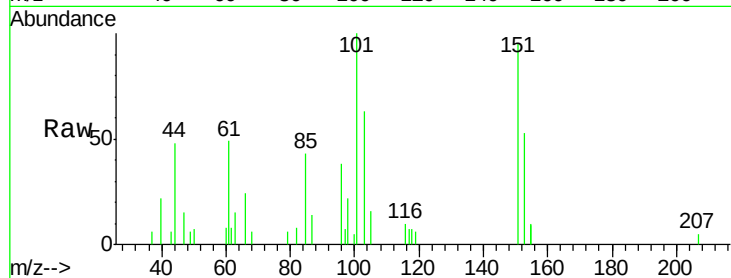
Tot Ion:101 Resp: 9012

Ion Ratio Lower Upper

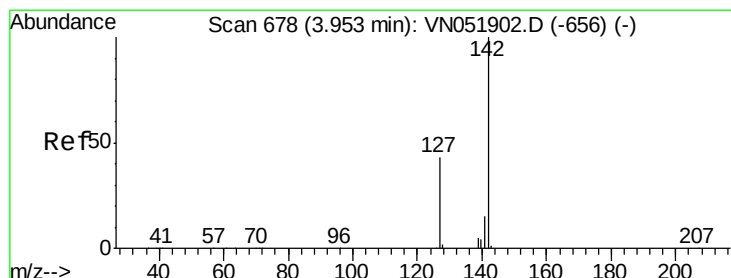
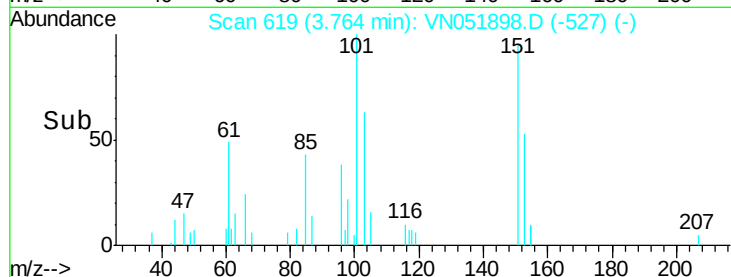
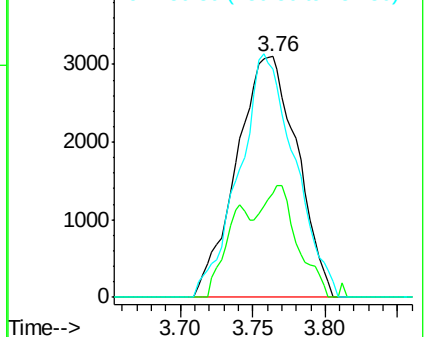
101 100

85 25.4 33.7 50.5#

151 92.8 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: 0.71 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

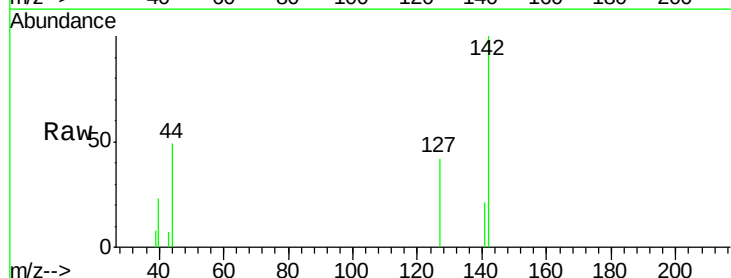
Tgt Ion:142 Resp: 6234

Ion Ratio Lower Upper

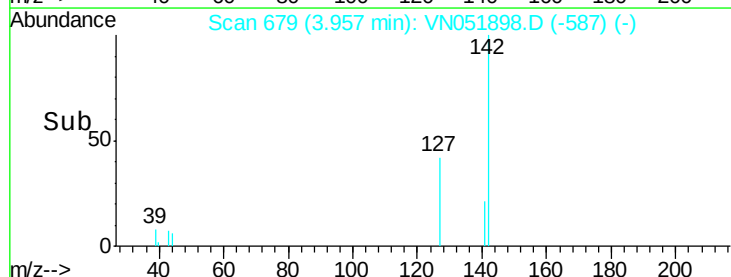
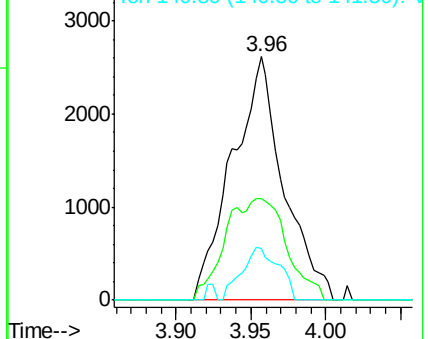
142 100

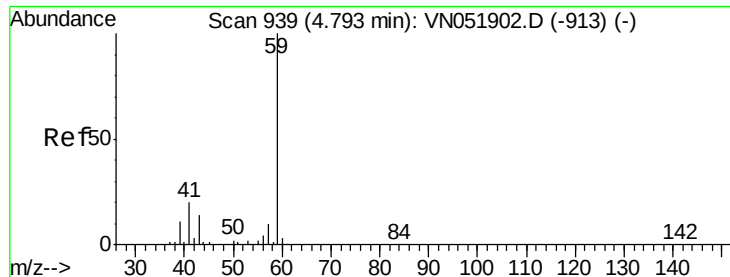
127 17.0 31.7 47.5#

141 15.6 11.4 17.0



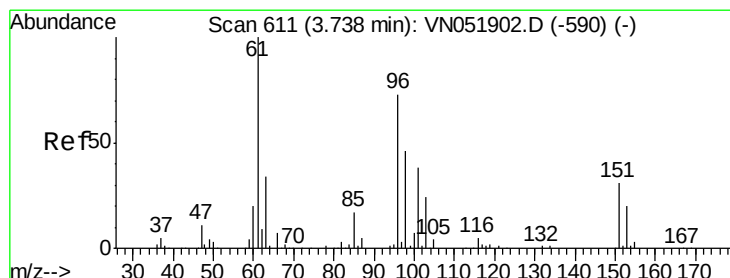
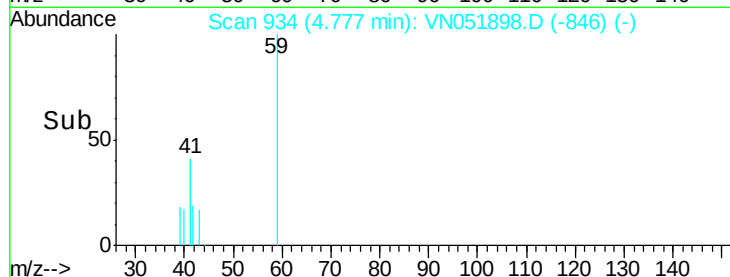
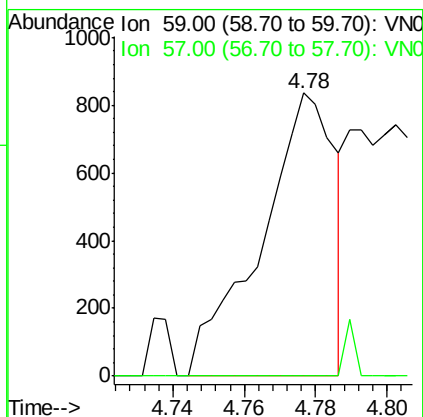
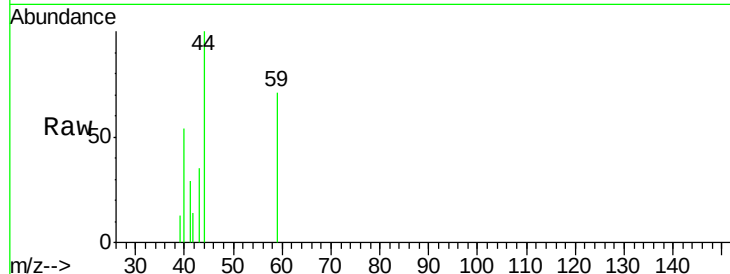
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





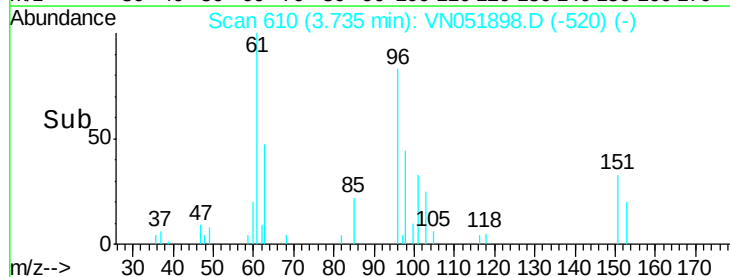
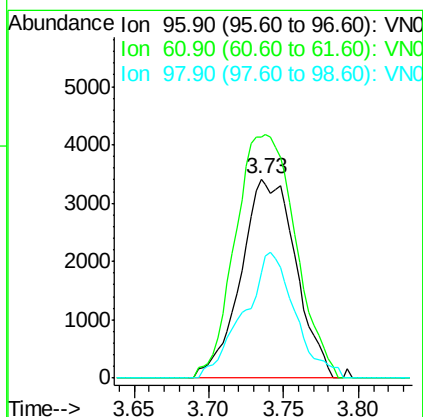
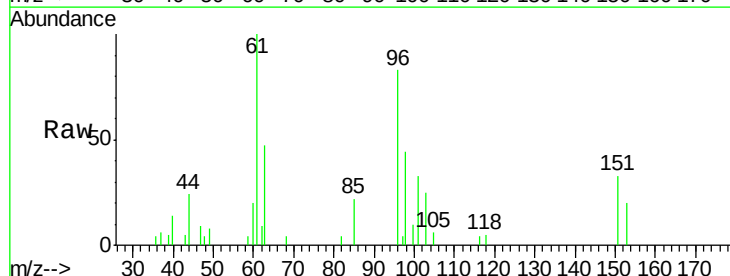
#11
Tert butyl alcohol
Concen: 2.59 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.02 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

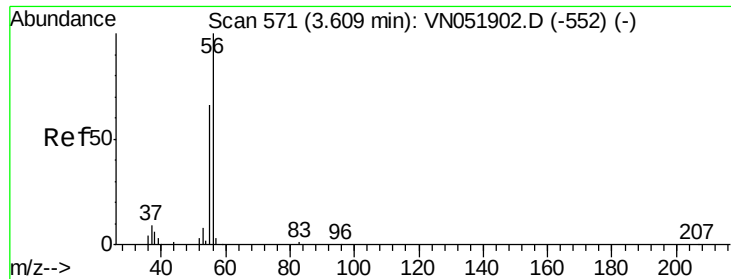
Tot Ion: 59 Resp: 1196
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 1.28 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.01 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tgt Ion: 96 Resp: 8715
Ion Ratio Lower Upper
96 100
61 120.7 124.9 187.3#
98 52.9 51.1 76.7





#13

Acrolein

Concen: 3.43 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN051898.D

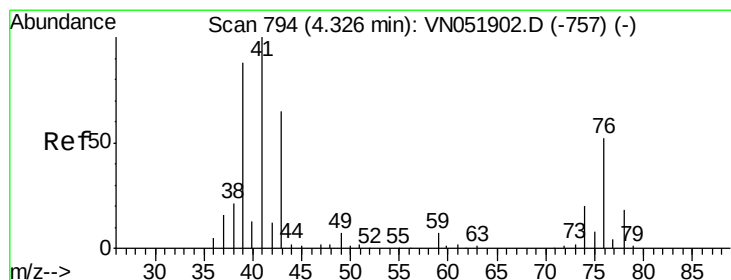
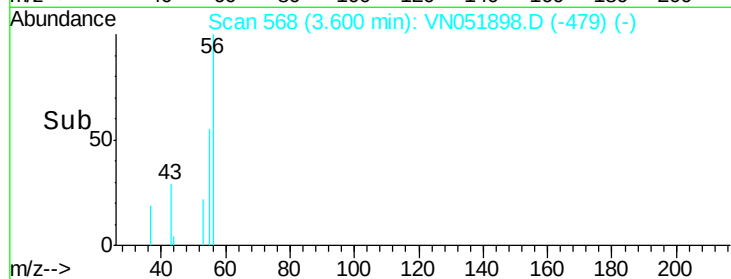
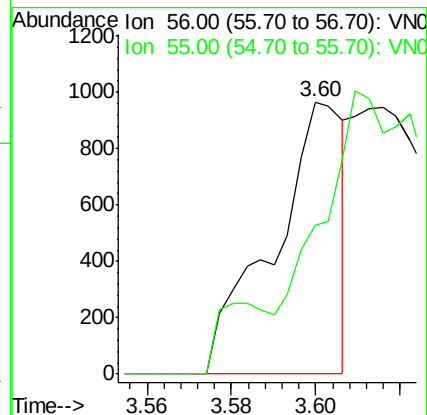
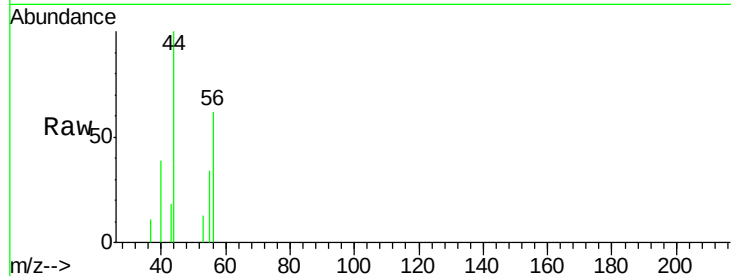
Acq: 17 Oct 2018 8:57

Tot Ion: 56 Resp: 1114

Ion Ratio Lower Upper

56 100

55 187.5 57.7 86.5#



#14

Allyl chloride

Concen: 1.14 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

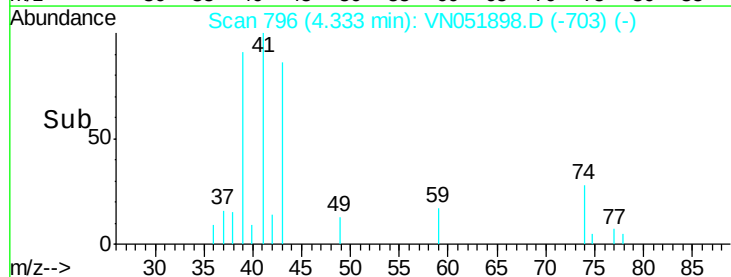
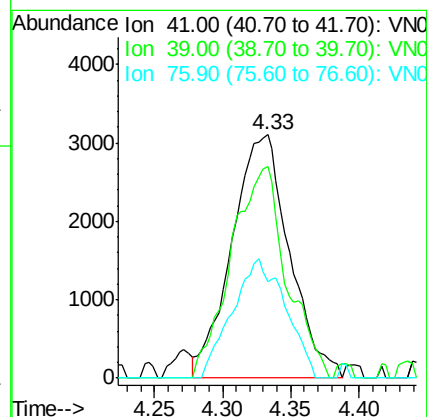
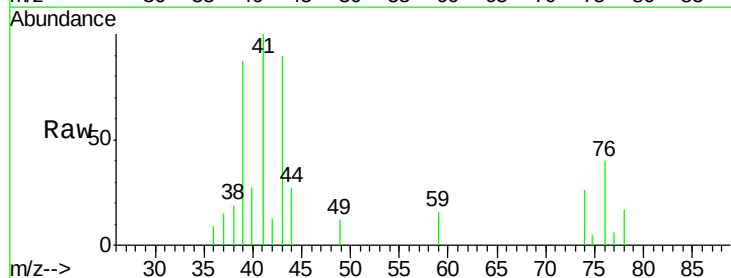
Tgt Ion: 41 Resp: 9098

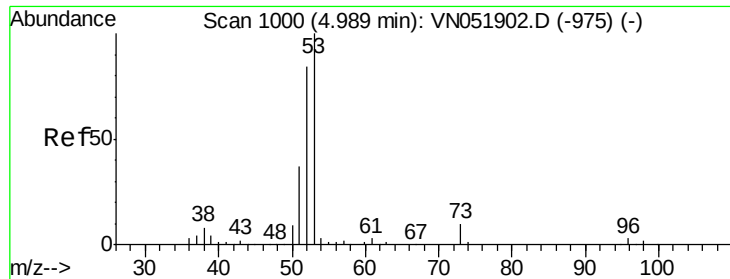
Ion Ratio Lower Upper

41 100

39 83.8 50.2 75.2#

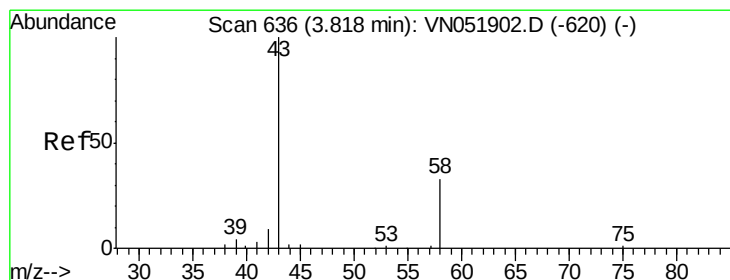
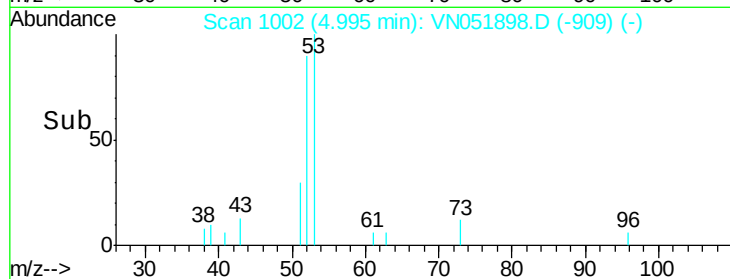
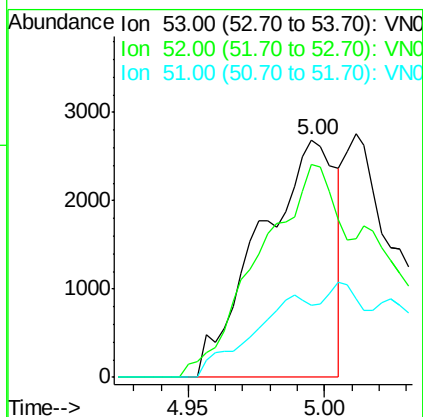
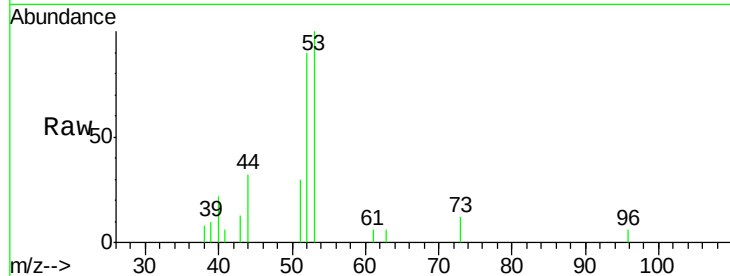
76 45.4 29.8 44.8#





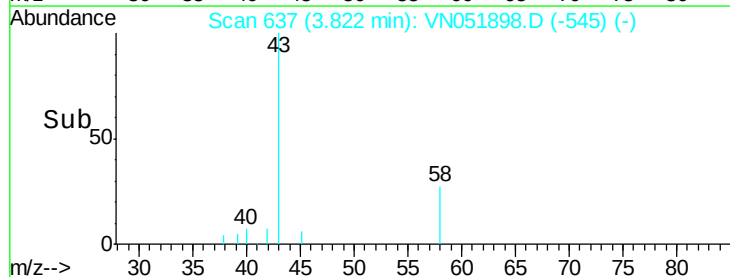
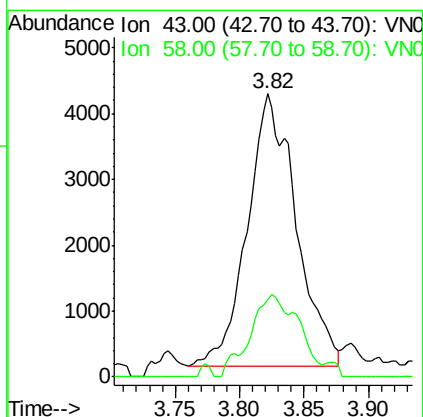
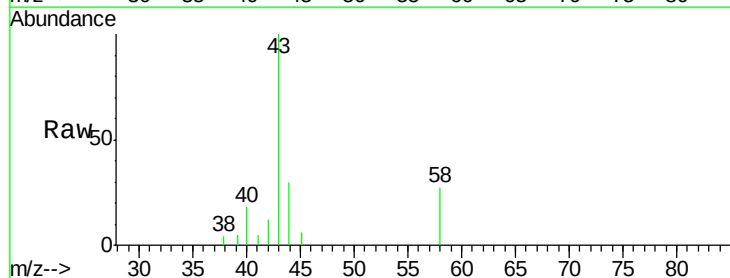
#15
 Acrylonitrile
 Concen: 2.80 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

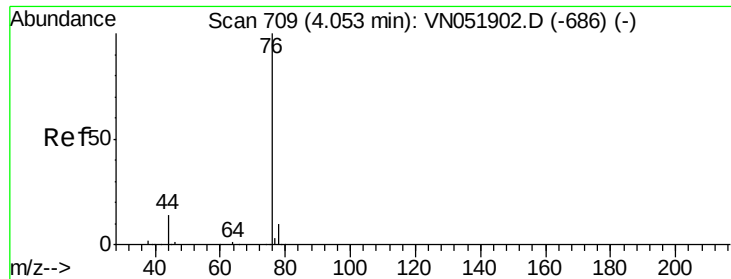
Tot Ion: 53 Resp: 5172
 Ion Ratio Lower Upper
 53 100
 52 100.4 65.9 98.9#
 51 27.4 28.6 43.0#



#16
 Acetone
 Concen: 6.37 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

Tgt Ion: 43 Resp: 10853
 Ion Ratio Lower Upper
 43 100
 58 28.3 27.2 40.8





#17

Carbon Disulfide

Concen: 1.15 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.01 min

Lab File: VN051898.D

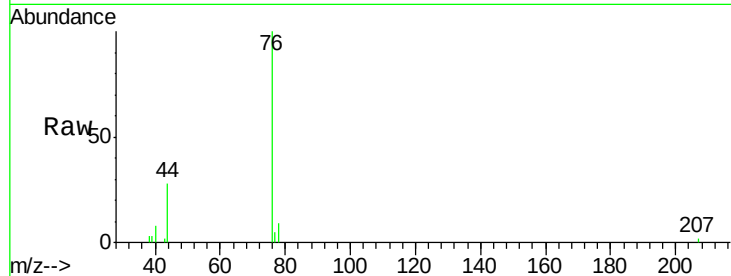
Acq: 17 Oct 2018 8:57

Tot Ion: 76 Resp: 19640

Ion Ratio Lower Upper

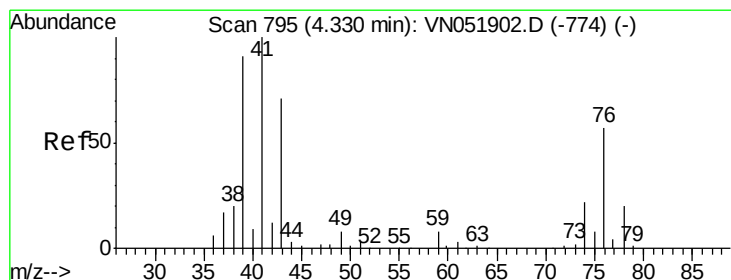
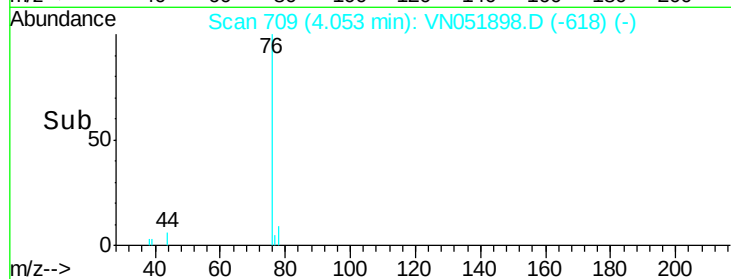
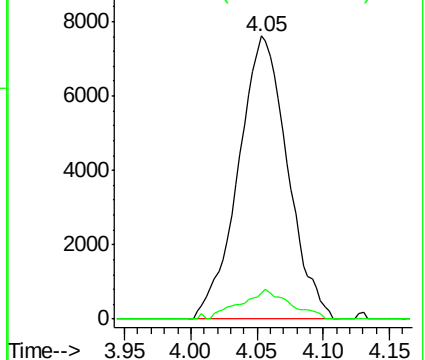
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.97 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.00 min

Lab File: VN051898.D

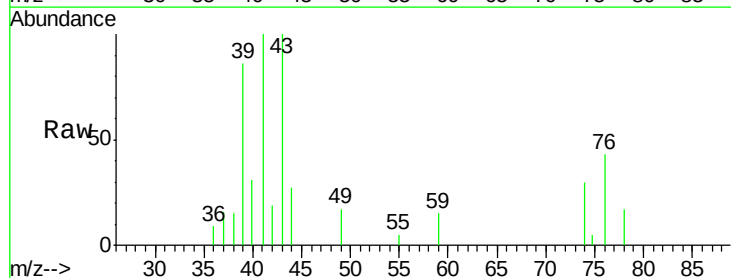
Acq: 17 Oct 2018 8:57

Tgt Ion: 43 Resp: 8848

Ion Ratio Lower Upper

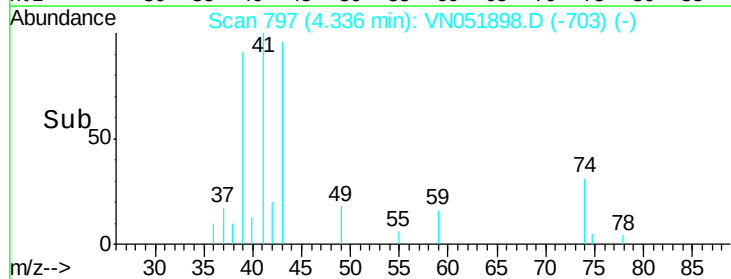
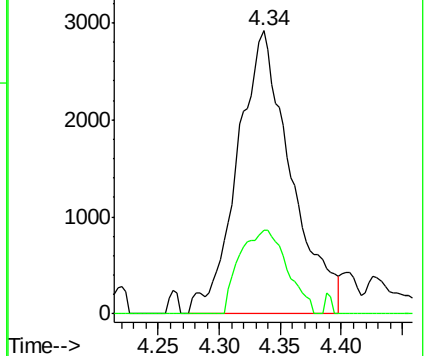
43 100

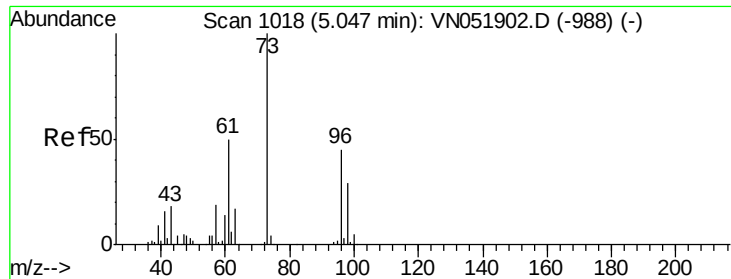
74 26.3 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

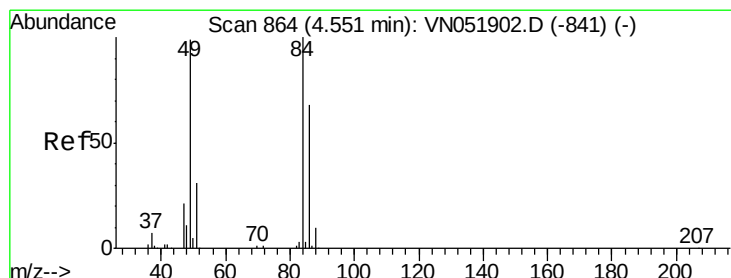
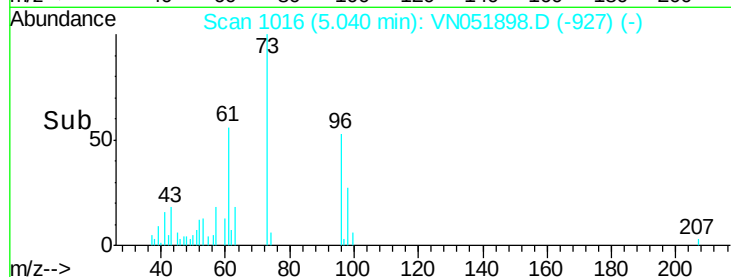
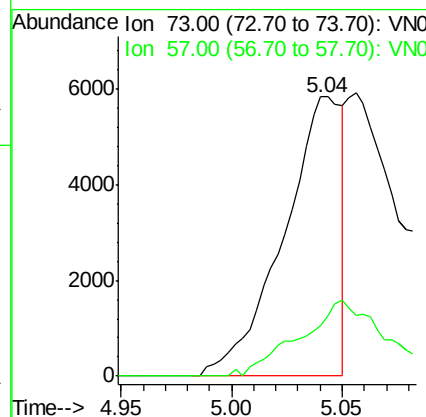
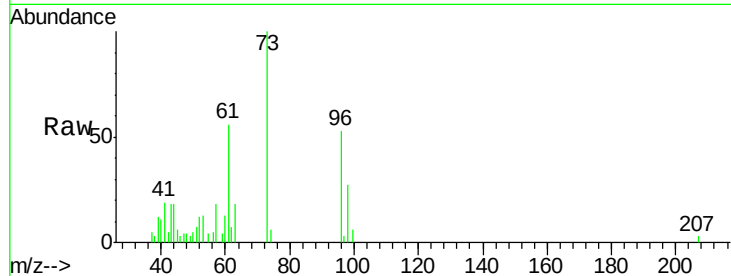
Ion 74.00 (73.70 to 74.70): VN0





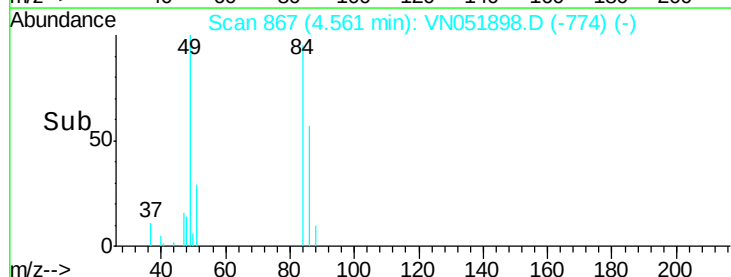
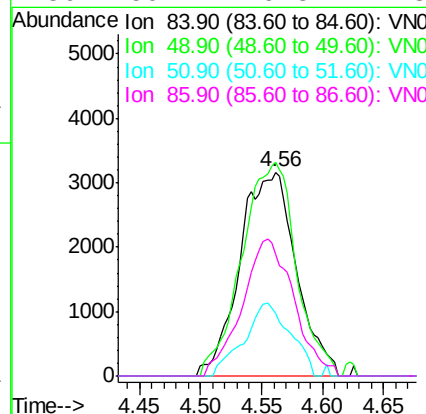
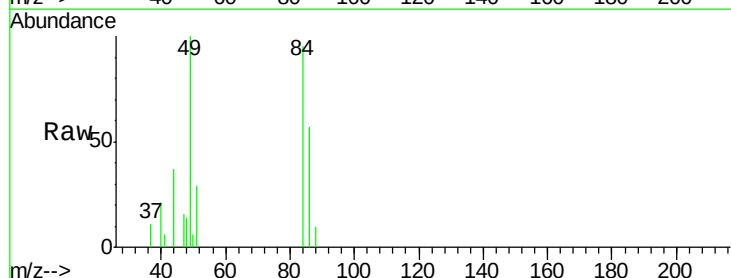
#19
Methyl tert-butyl Ether
Concen: 0.55 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

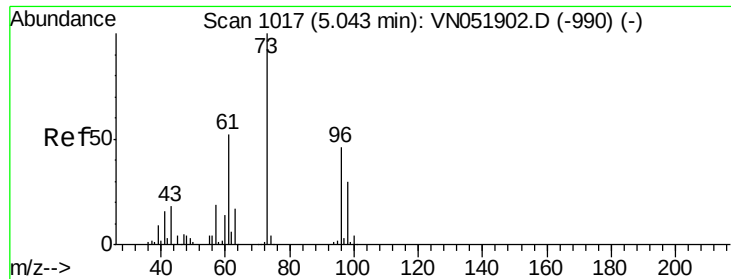
Tot Ion: 73 Resp: 10742
Ion Ratio Lower Upper
73 100
57 18.3 17.8 26.8



#20
Methylene Chloride
Concen: 1.33 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

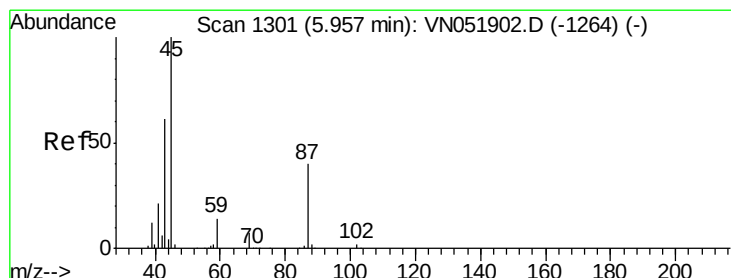
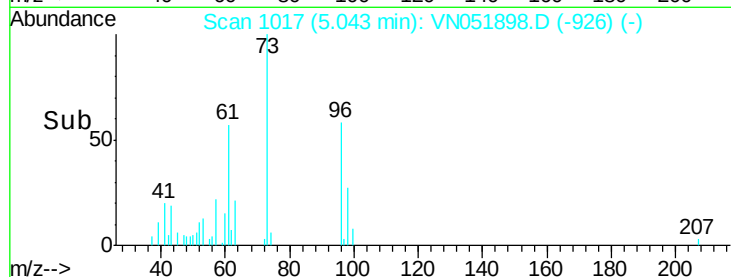
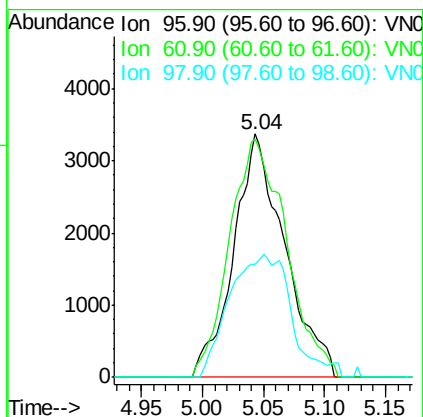
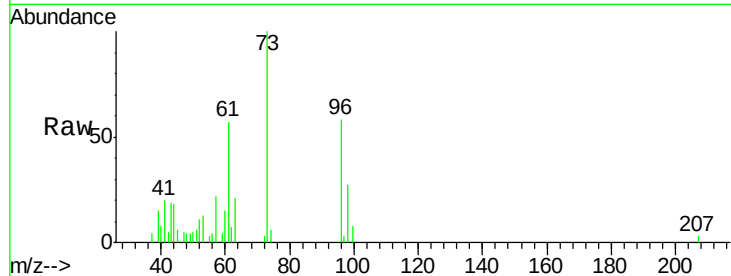
Tgt Ion: 84 Resp: 10129
Ion Ratio Lower Upper
84 100
49 104.8 93.2 139.8
51 30.5 29.0 43.6
86 59.4 49.8 74.8





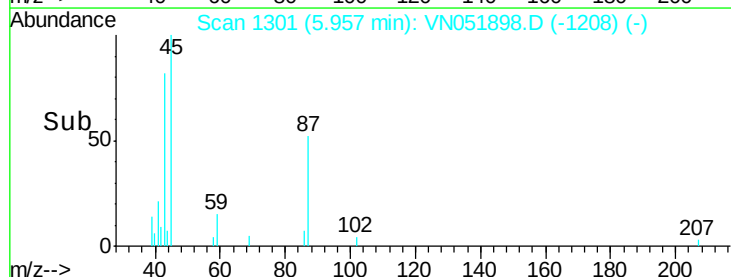
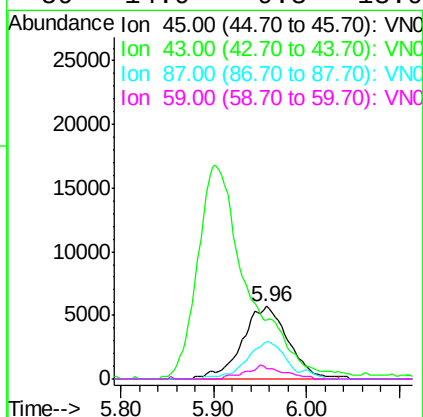
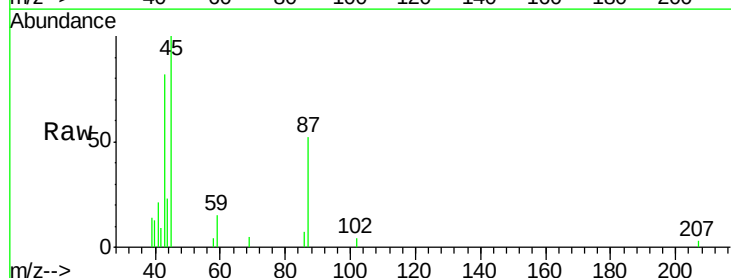
#21
trans-1,2-Dichloroethene
Concen: 1.26 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

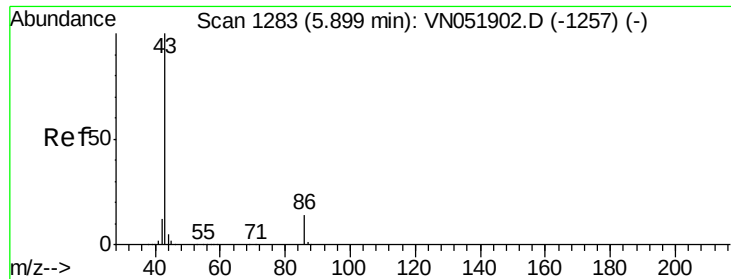
Tot Ion: 96 Resp: 9771
Ion Ratio Lower Upper
96 100
61 97.8 107.4 161.0#
98 46.4 50.7 76.1#



#22
Diisopropyl ether
Concen: 1.10 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tgt Ion: 45 Resp: 19644
Ion Ratio Lower Upper
45 100
43 71.8 45.9 68.9#
87 52.0 22.7 34.1#
59 14.9 9.3 13.9#





#23

Vinyl Acetate

Concen: 5.19 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN051898.D

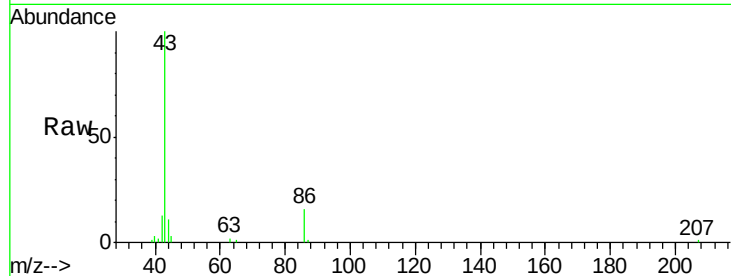
Acq: 17 Oct 2018 8:57

Tot Ion: 43 Resp: 64138

Ion Ratio Lower Upper

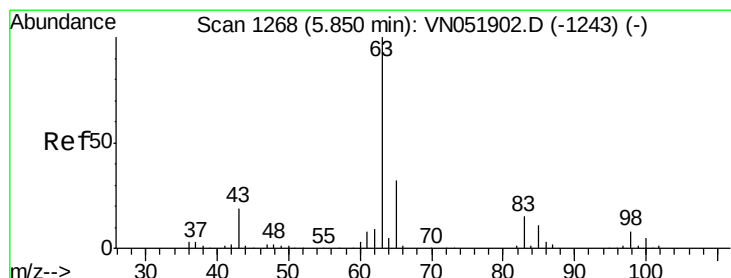
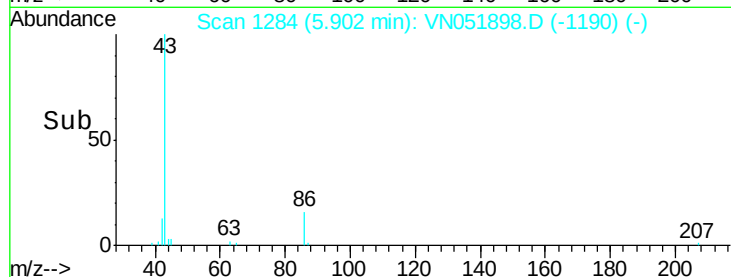
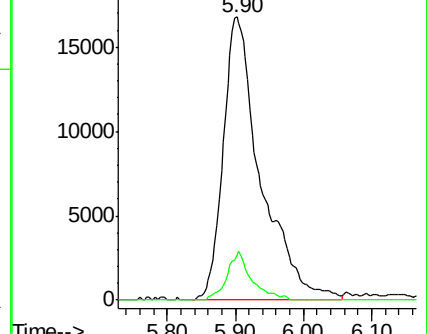
43 100

86 16.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 1.15 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

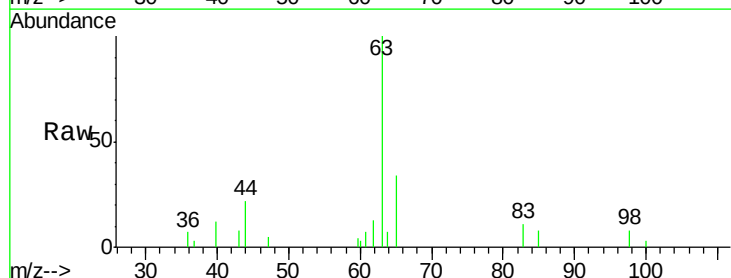
Tgt Ion: 63 Resp: 14554

Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.8

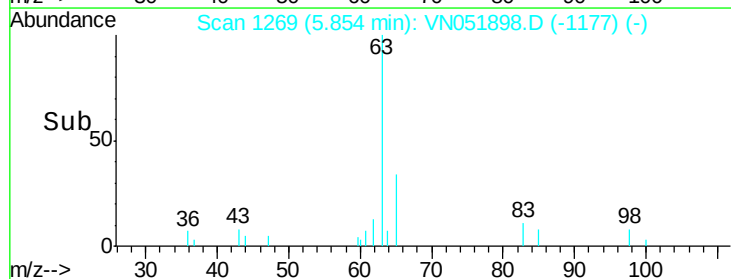
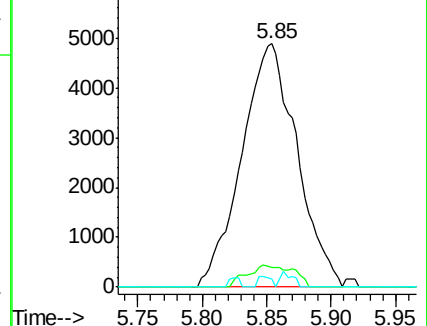
100 3.5 2.1 6.5

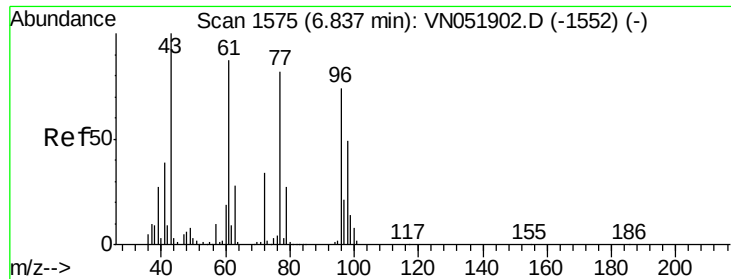


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

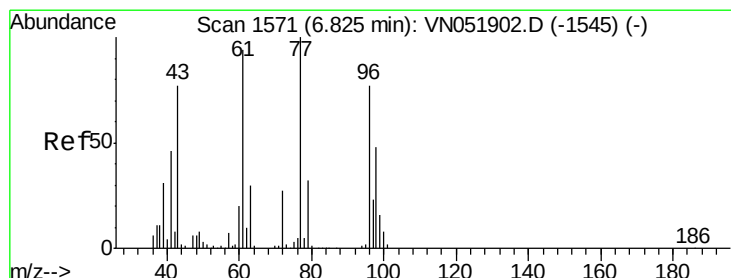
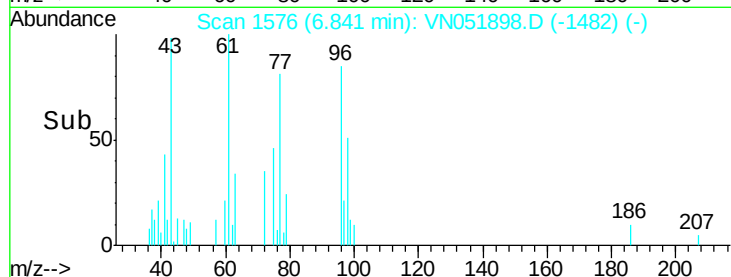
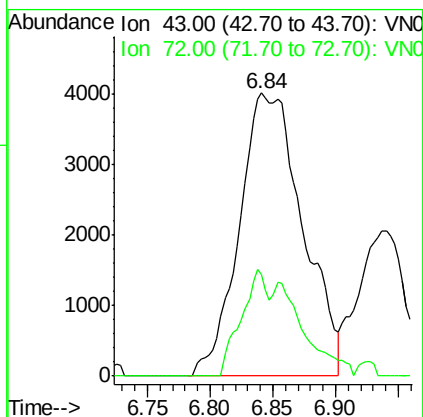
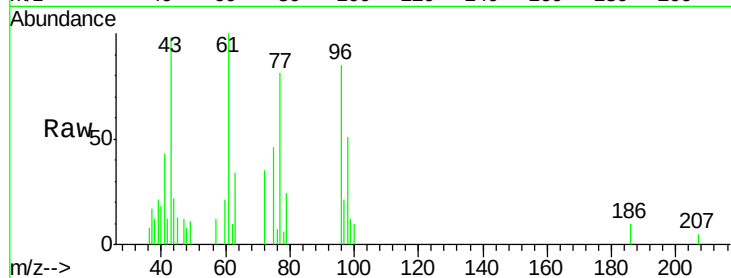
Ion 99.90 (99.60 to 100.60): VN0





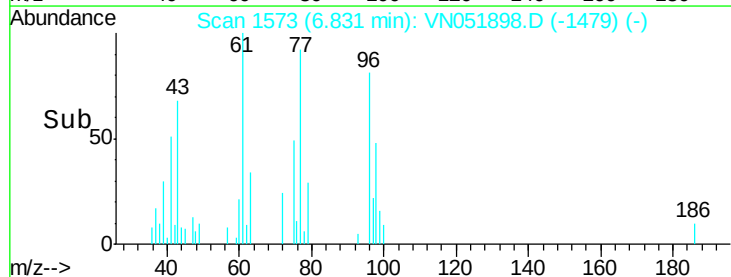
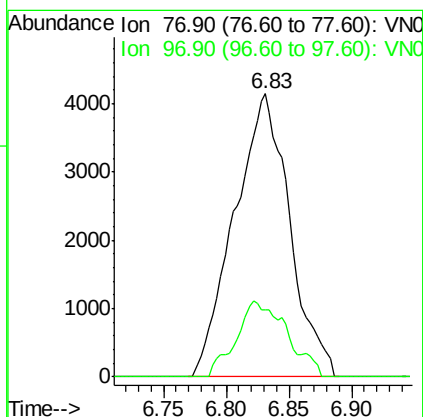
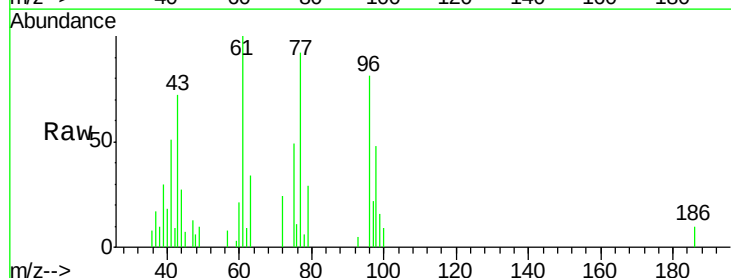
#25
2-Butanone
Concen: 6.18 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

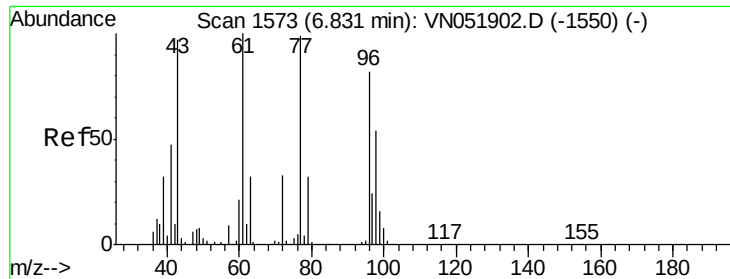
Tot Ion: 43 Resp: 14129
Ion Ratio Lower Upper
43 100
72 36.0 22.3 33.5#



#26
2,2-Dichloropropane
Concen: 1.00 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tgt Ion: 77 Resp: 12731
Ion Ratio Lower Upper
77 100
97 24.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 1.16 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

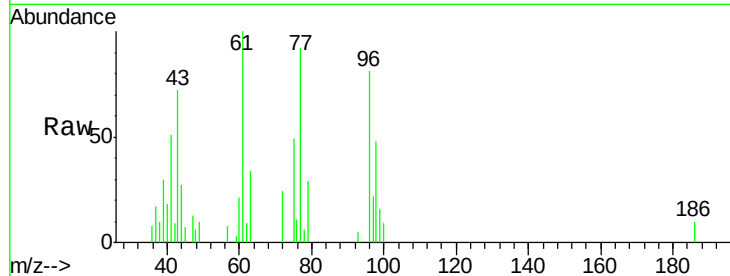
Tot Ion: 96 Resp: 10720

Ion Ratio Lower Upper

96 100

61 118.8 0.0 283.4

98 64.7 0.0 129.8



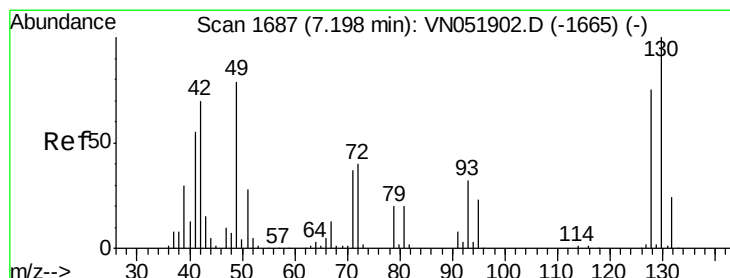
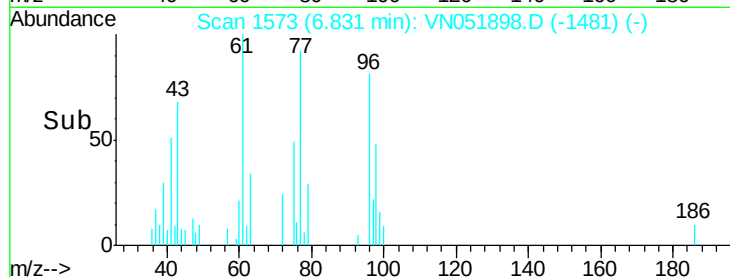
Abundance Ion 95.90 (95.60 to 96.60): VN051898.D (-1594) (-)

Ion 60.90 (60.60 to 61.60): VN051898.D (-1594) (-)

Ion 97.90 (97.60 to 98.60): VN051898.D (-1594) (-)

6.83

Time-->



#28

Bromochloromethane

Concen: 1.14 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

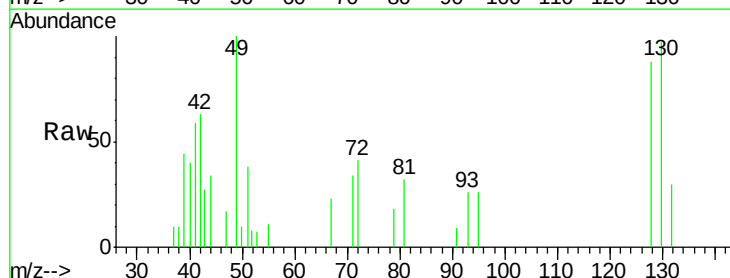
Tgt Ion: 49 Resp: 5852

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 52.7 67.1 100.7#



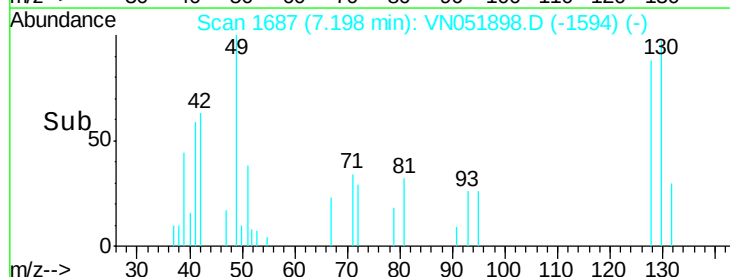
Abundance Ion 48.90 (48.60 to 49.60): VN051898.D (-1594) (-)

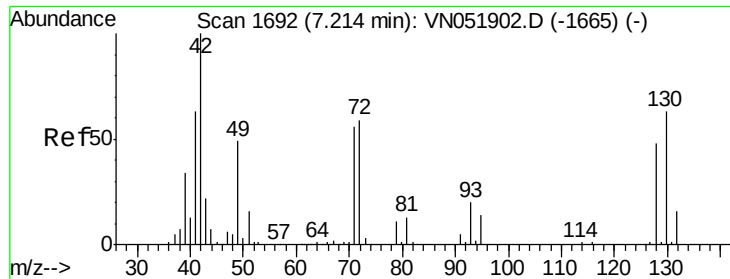
Ion 128.80 (128.50 to 129.50): VN051898.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051898.D (-1594) (-)

7.20

Time-->





#29

Tetrahydrofuran

Concen: 6.61 ug/l

RT: 7.22 min Scan# 1694

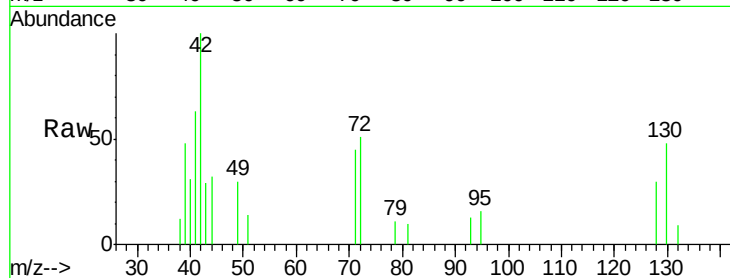
Delta R.T. 0.01 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

Tot Ion: 42 Resp: 8582

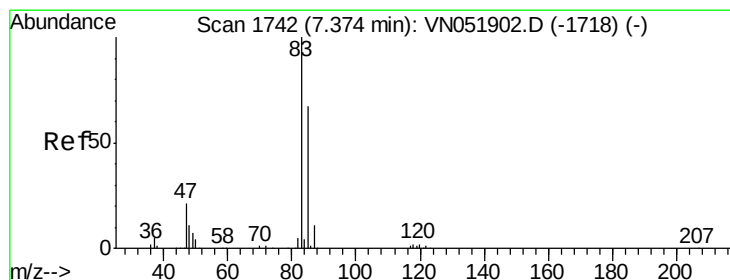
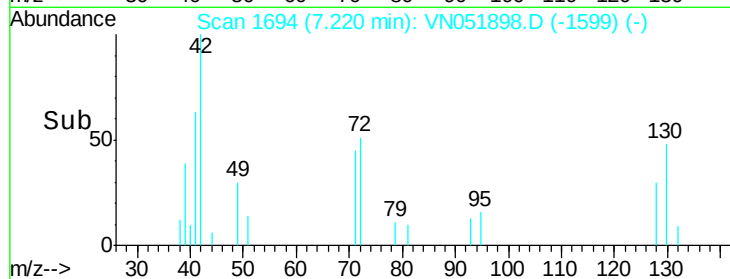
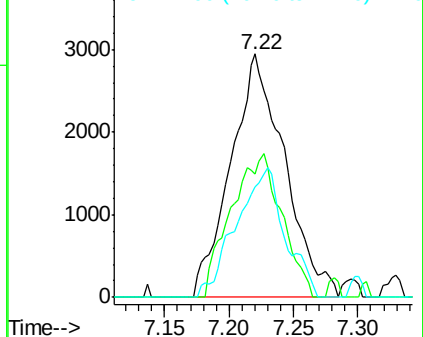
Ion	Ratio	Lower	Upper
42	100		
72	55.5	35.5	53.3#
71	48.0	33.7	50.5



Abundance Ion 42.00 (41.70 to 42.70): VN051898.D (-1599) (-)

Ion 72.00 (71.70 to 72.70): VN051898.D (-1599) (-)

Ion 71.00 (70.70 to 71.70): VN051898.D (-1599) (-)



#30

Chloroform

Concen: 1.17 ug/l

RT: 7.38 min Scan# 1743

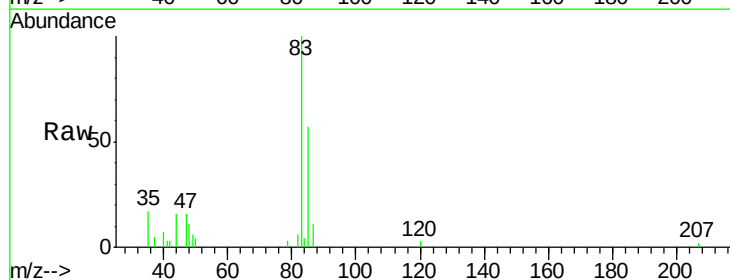
Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

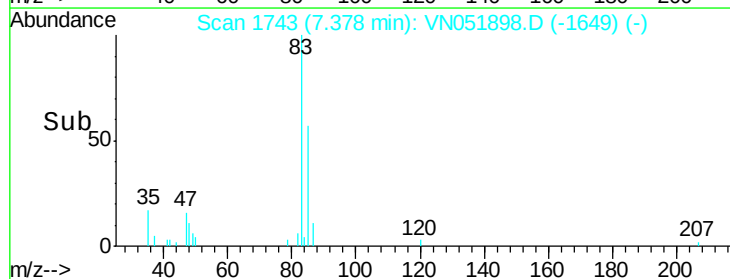
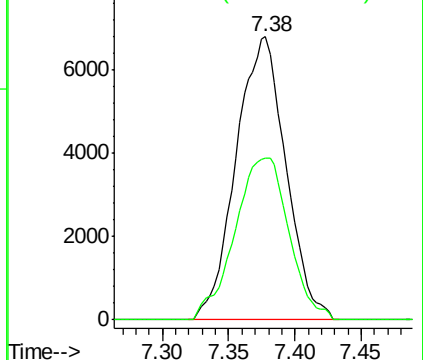
Tgt Ion: 83 Resp: 17769

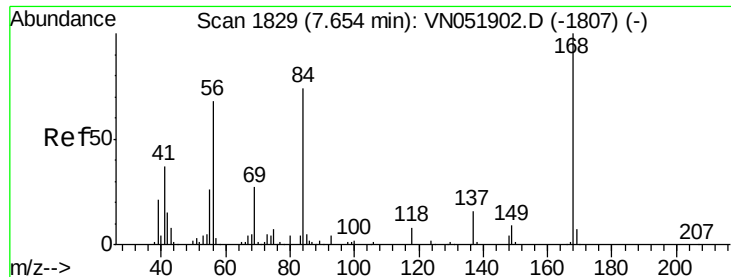
Ion	Ratio	Lower	Upper
83	100		
85	57.3	52.2	78.4



Abundance Ion 82.90 (82.60 to 83.60): VN051898.D (-1649) (-)

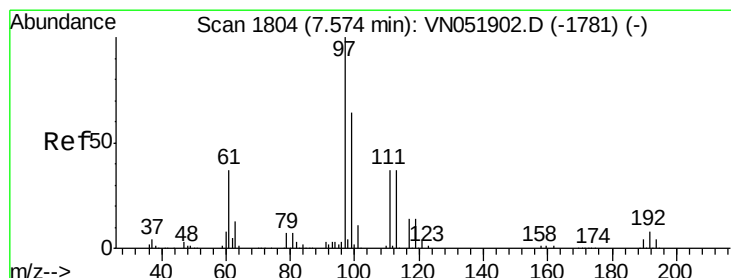
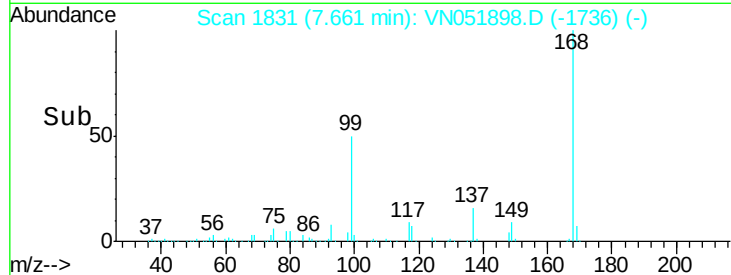
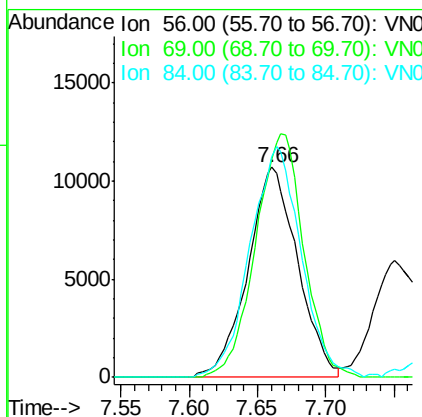
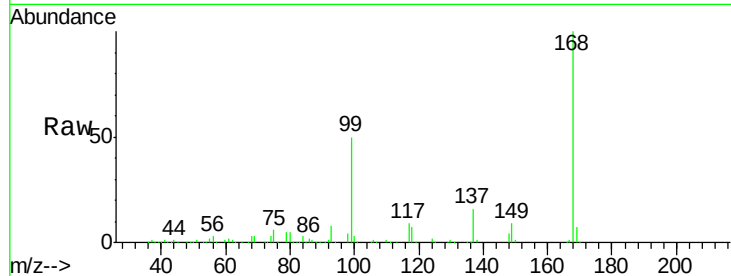
Ion 84.90 (84.60 to 85.60): VN051898.D (-1649) (-)





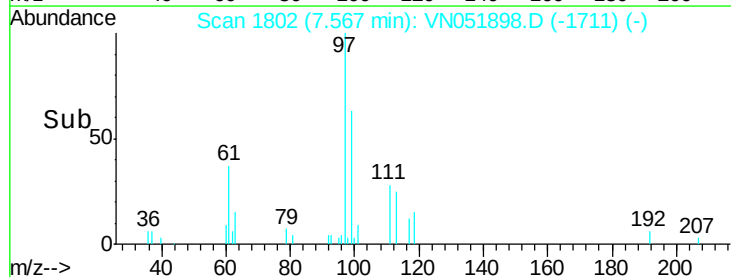
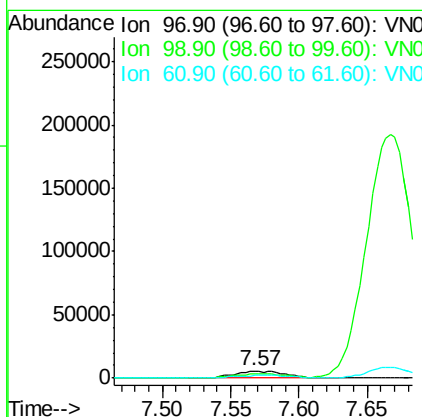
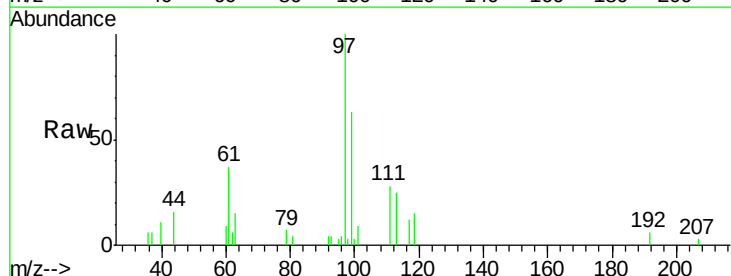
#31
Cyclohexane
Concen: 2.53 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

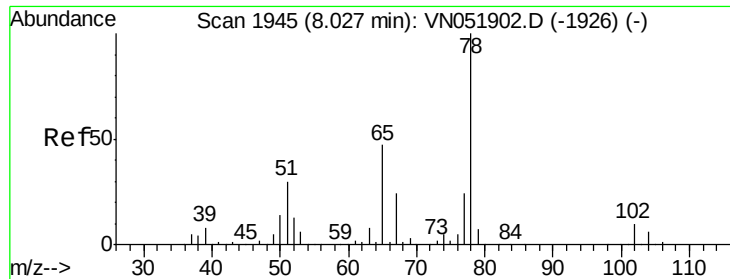
Tot Ion: 56 Resp: 27173
Ion Ratio Lower Upper
56 100
69 103.6 26.2 39.4#
84 105.2 68.3 102.5#



#32
1,1,1-Trichloroethane
Concen: 1.00 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

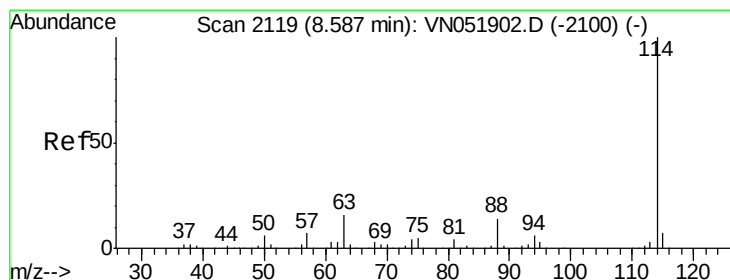
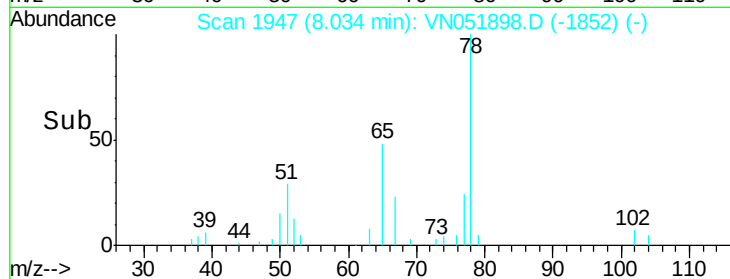
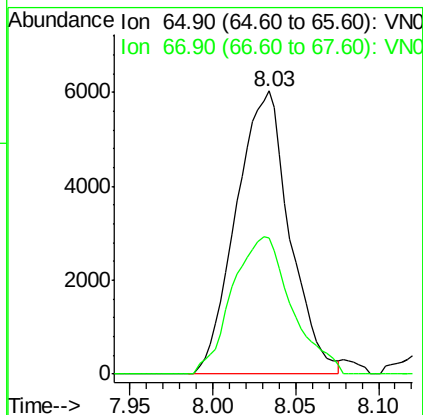
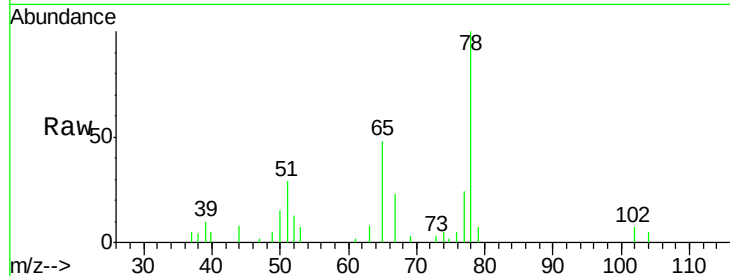
Tgt Ion: 97 Resp: 14411
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 45.8 34.9 52.3





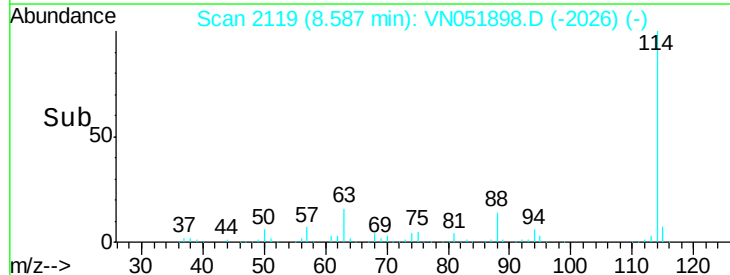
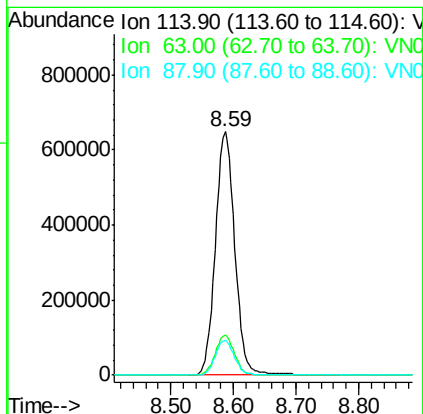
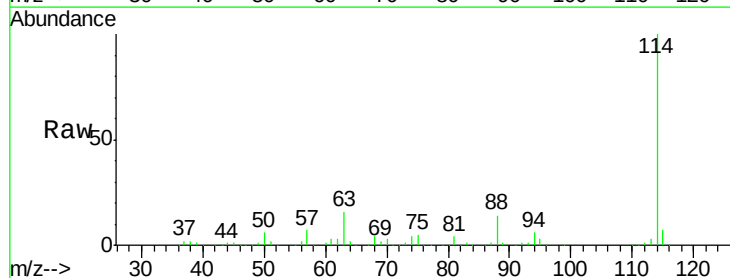
#33
 1,2-Dichloroethane-d4
 Concen: 1.00 ug/l
 RT: 8.03 min Scan# 1947
 Delta R.T. 0.01 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

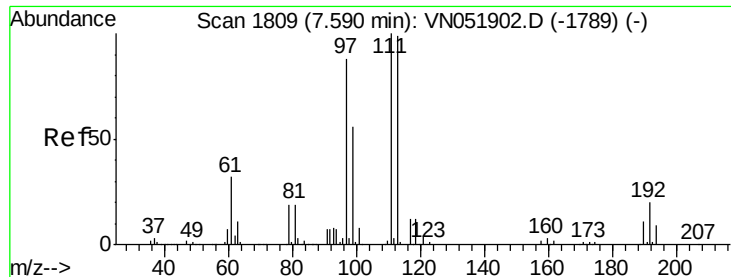
Tot Ion: 65 Resp: 13561
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

Tgt Ion: 114 Resp: 1396517
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 38.6
 88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.60 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

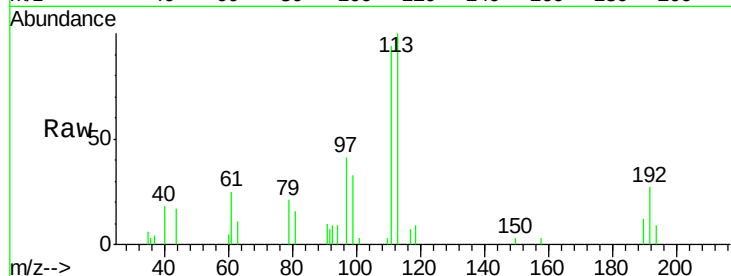
Tot Ion:113 Resp: 12126

Ion Ratio Lower Upper

113 100

111 96.3 82.6 123.8

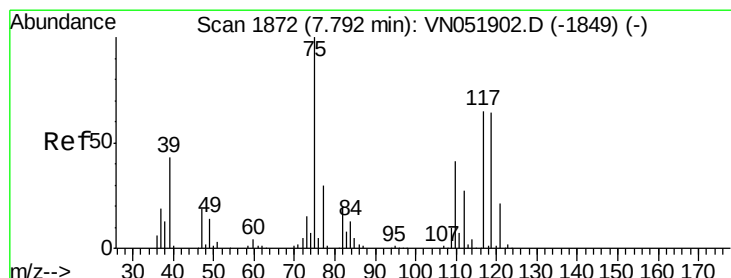
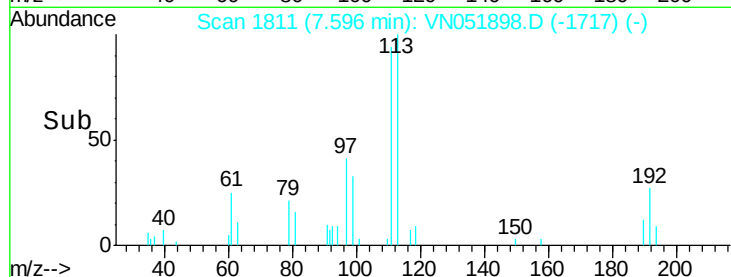
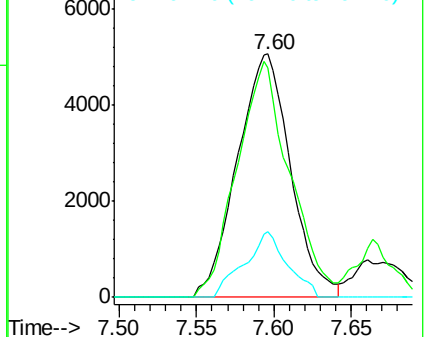
192 21.8 18.0 27.0



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: 1.15 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

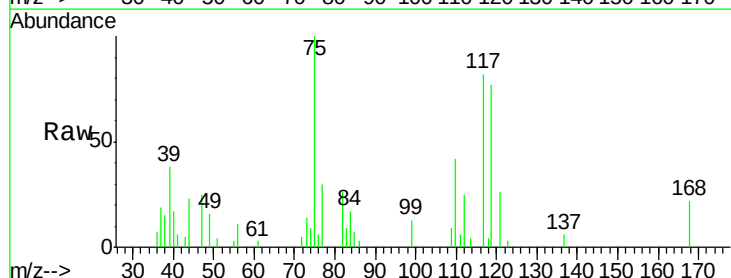
Tgt Ion: 75 Resp: 12815

Ion Ratio Lower Upper

75 100

110 40.8 18.1 54.4

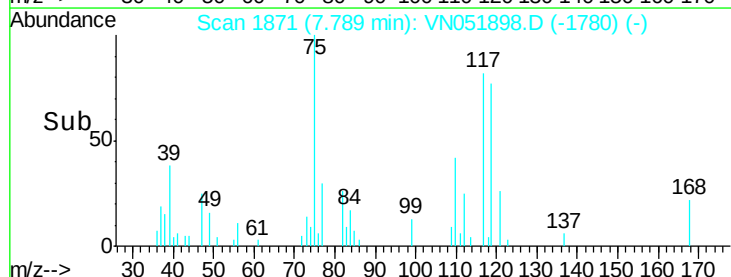
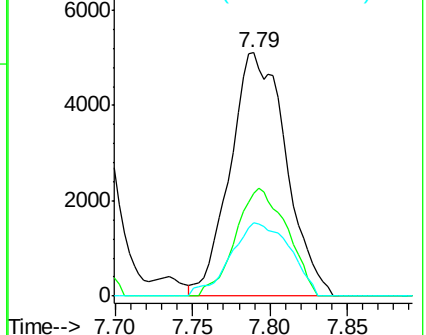
77 31.8 24.8 37.2

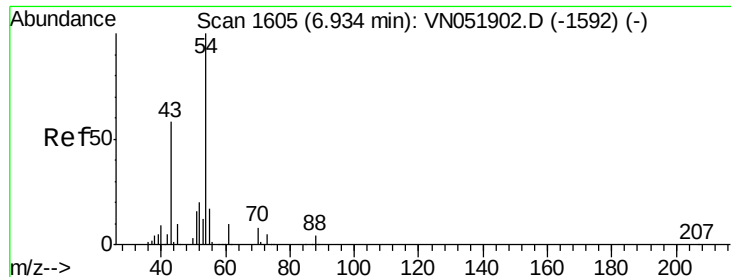


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

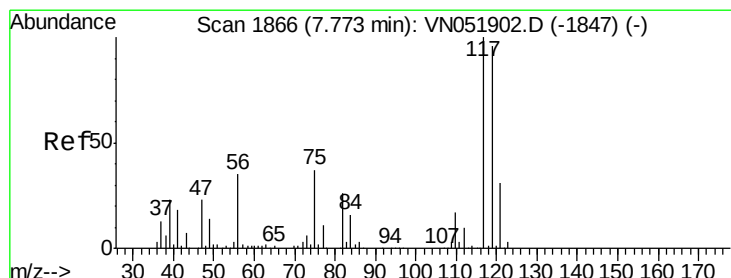
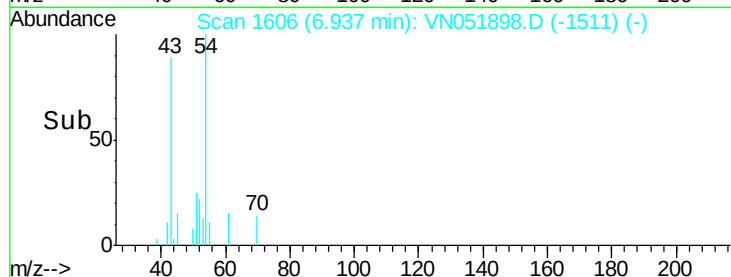
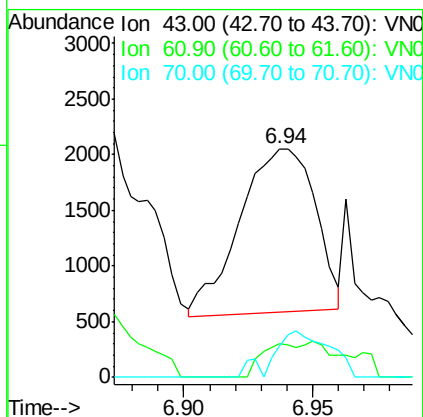
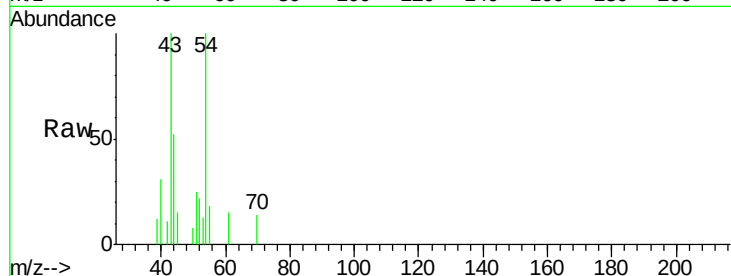
Ion 76.90 (76.60 to 77.60): V





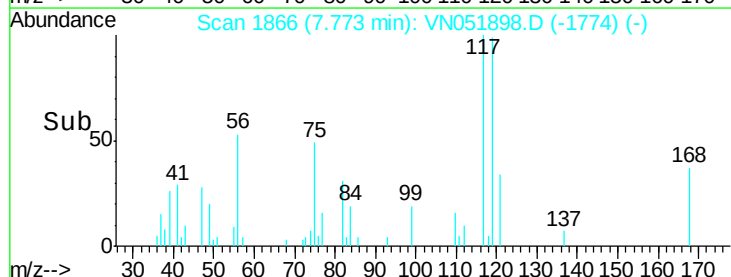
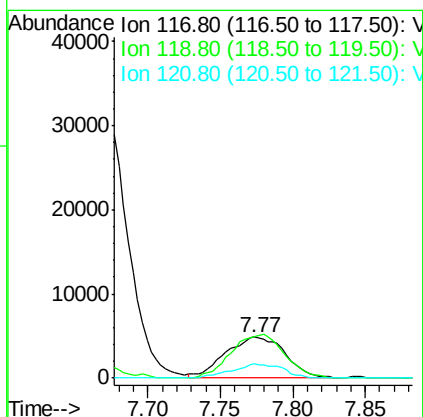
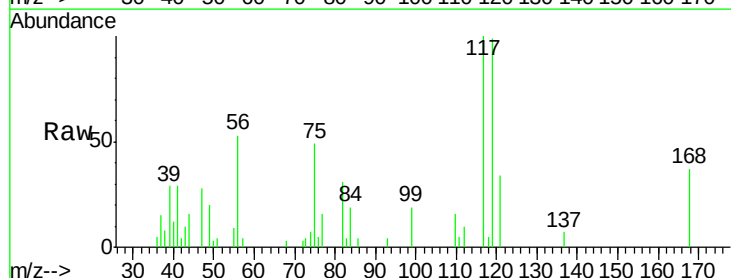
#37
Ethyl Acetate
Concen: 0.60 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

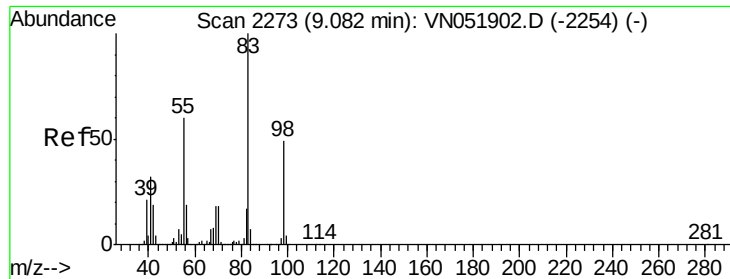
Tot Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 18.9 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 1.04 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

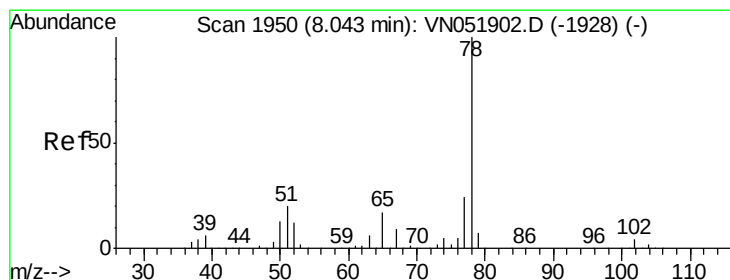
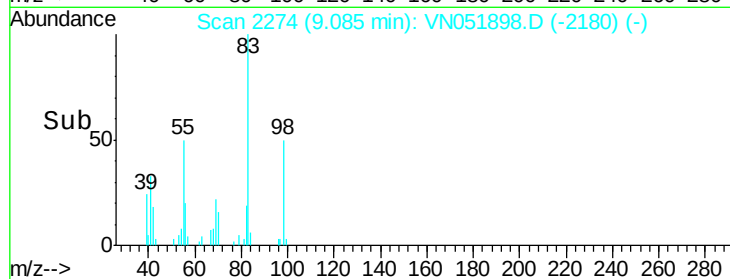
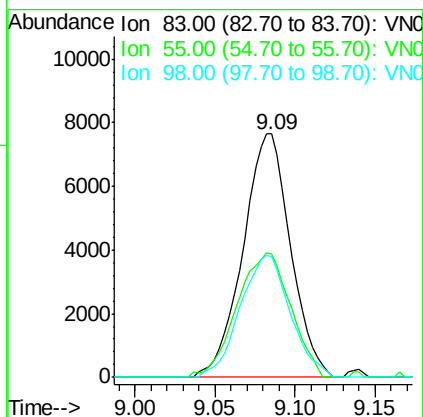
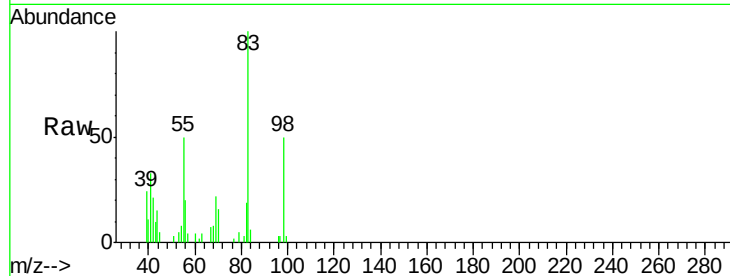
Tgt Ion: 117 Resp: 14011
Ion Ratio Lower Upper
117 100
119 99.0 76.3 114.5
121 33.9 24.6 36.8





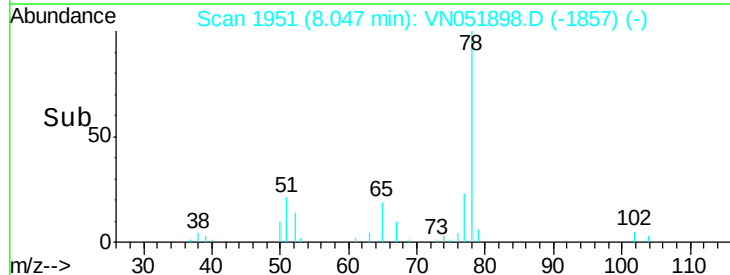
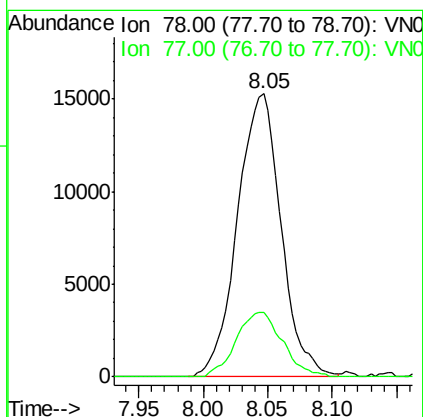
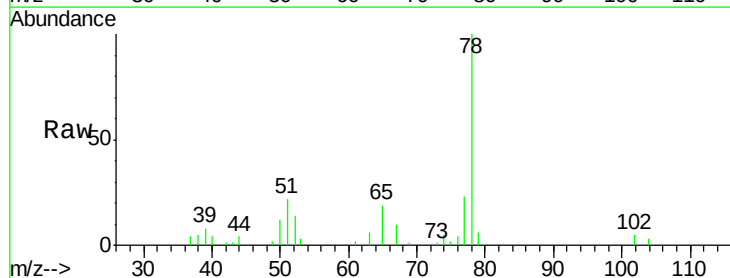
#39
Methylvlcyclohexane
Concen: 1.08 ug/l
RT: 9.09 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

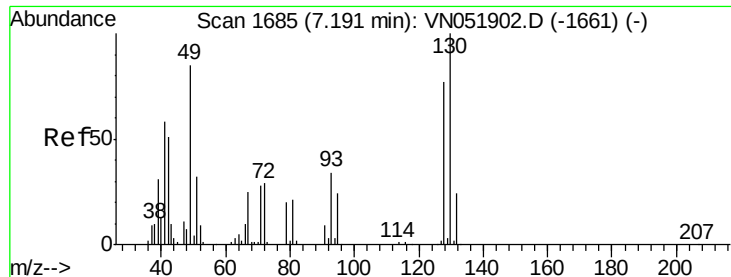
Tot Ion: 83 Resp: 15569
Ion Ratio Lower Upper
83 100
55 50.4 61.0 91.4#
98 49.5 37.5 56.3



#40
Benzene
Concen: 1.08 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tgt Ion: 78 Resp: 35978
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4





#41

Methacrylonitrile

Concen: 2.40 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.04 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

Tot Ion: 41 Resp: 5881

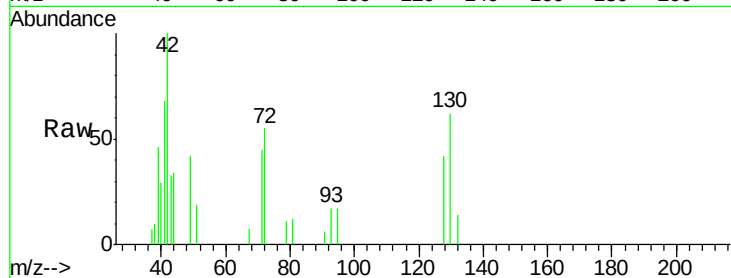
Ion Ratio Lower Upper

41 100

39 41.5 45.4 68.0#

67 1.6 70.6 106.0#

52 2.8 27.1 40.7#

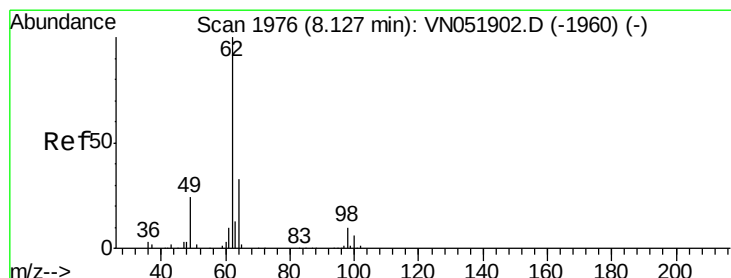
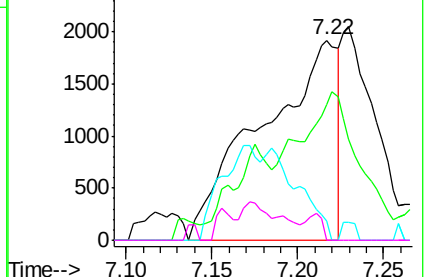
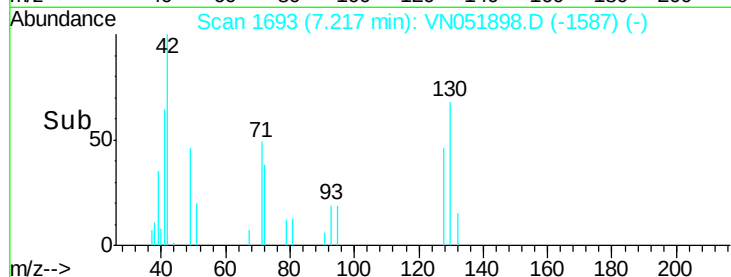


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 1.06 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN051898.D

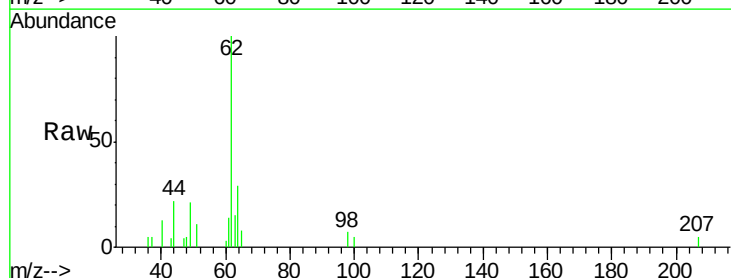
Acq: 17 Oct 2018 8:57

Tgt Ion: 62 Resp: 11175

Ion Ratio Lower Upper

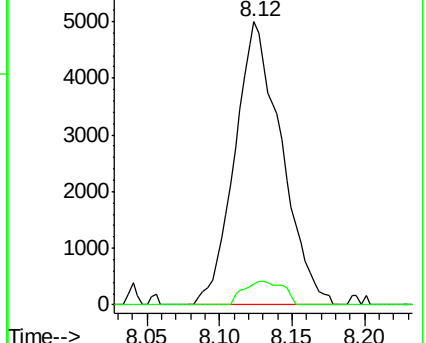
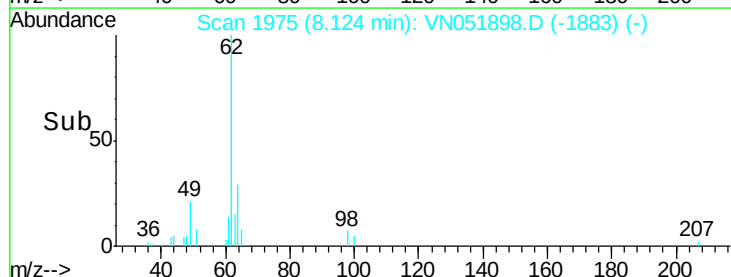
62 100

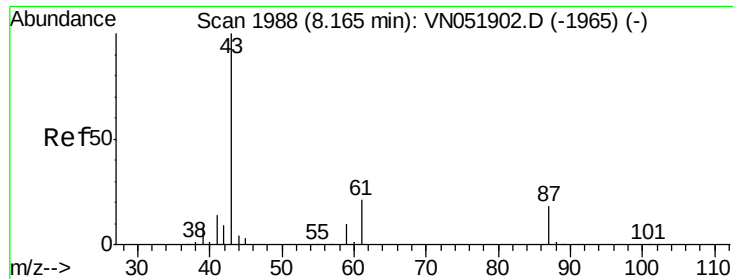
98 7.2 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 1.04 ug/l

RT: 8.17 min Scan# 1990

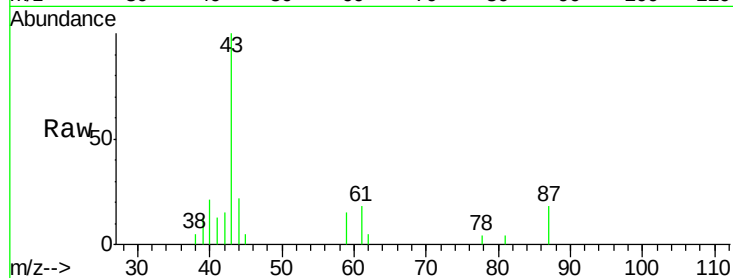
Delta R.T. 0.01 min

Lab File: VN051898.D

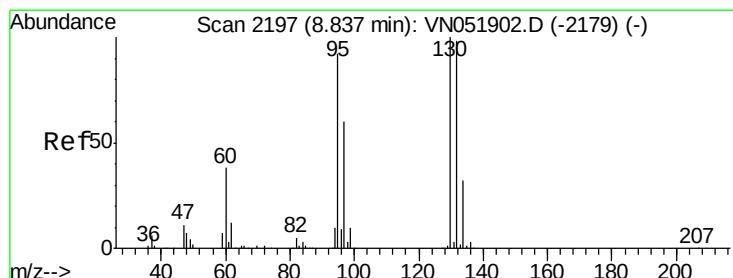
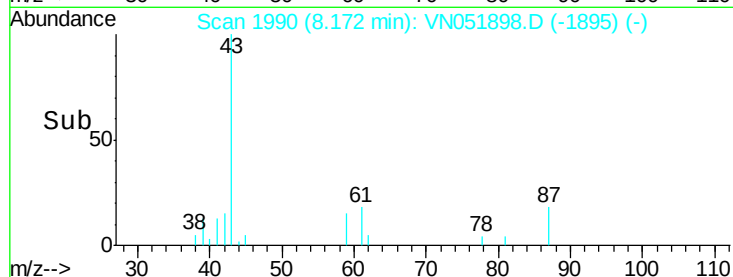
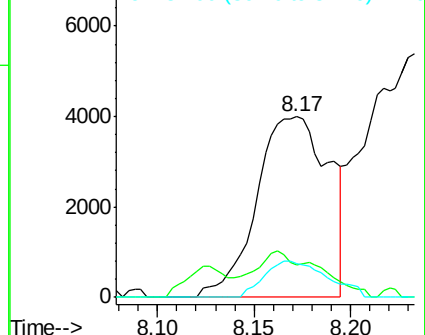
Acq: 17 Oct 2018 8:57

Tot Ion: 43 Resp: 10383

Ion	Ratio	Lower	Upper
43	100		
61	23.4	17.5	26.3
87	17.4	11.3	16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051902.D (-1965) (-)



#44

Trichloroethene

Concen: 1.09 ug/l

RT: 8.84 min Scan# 2197

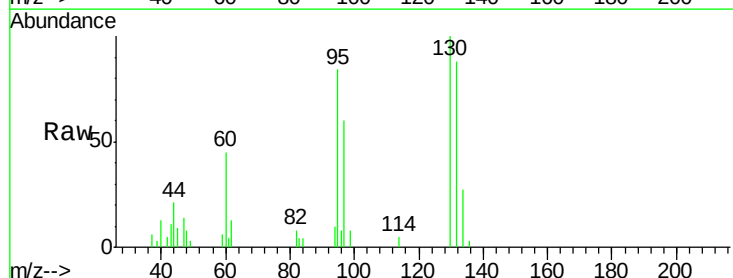
Delta R.T. 0.00 min

Lab File: VN051898.D

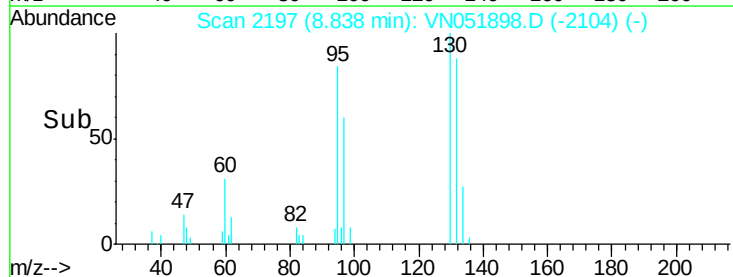
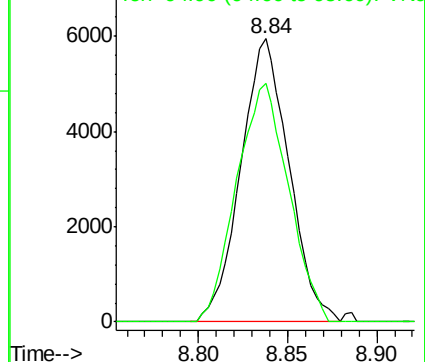
Acq: 17 Oct 2018 8:57

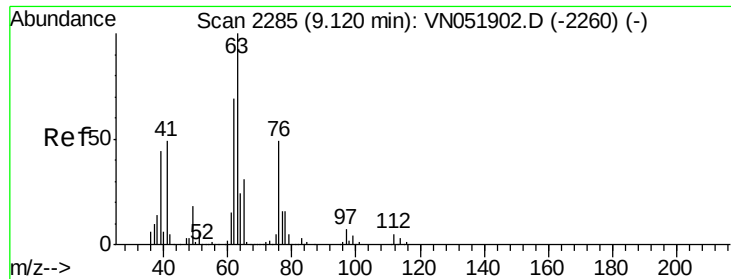
Tgt Ion: 130 Resp: 11238

Ion	Ratio	Lower	Upper
130	100		
95	84.3	0.0	193.0



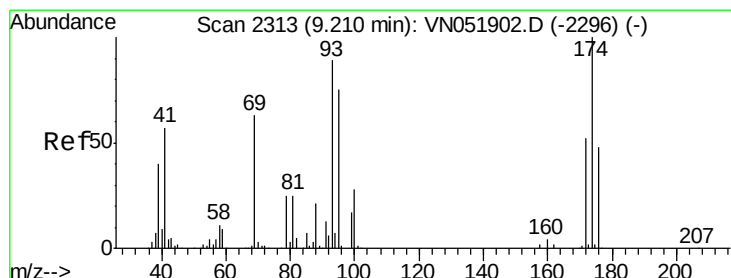
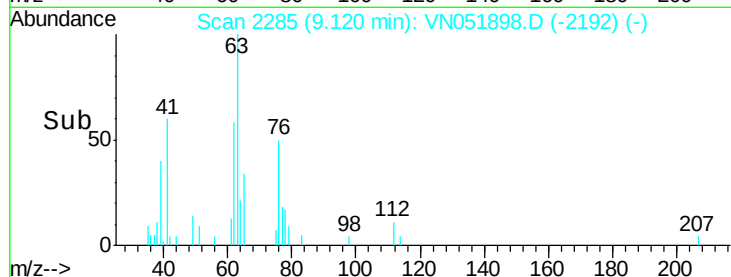
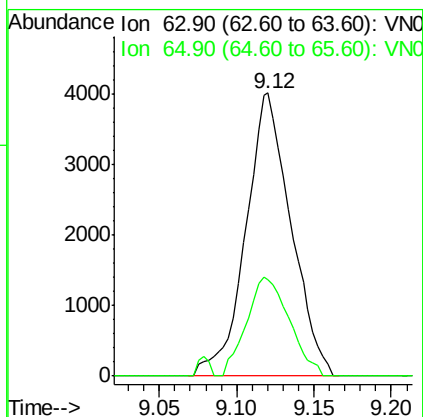
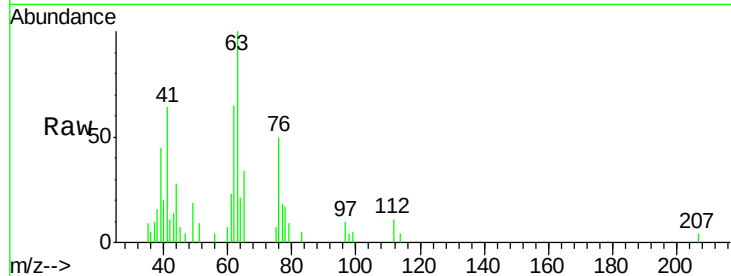
Abundance Ion 129.80 (129.50 to 130.50): VN051902.D (-2179) (-)





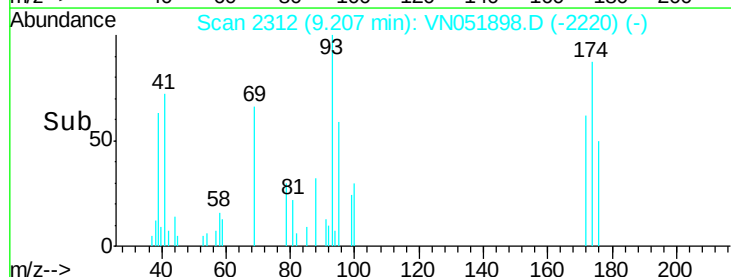
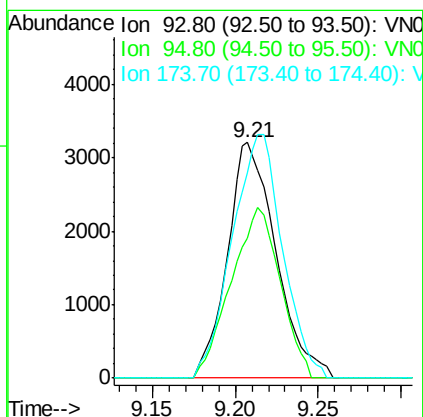
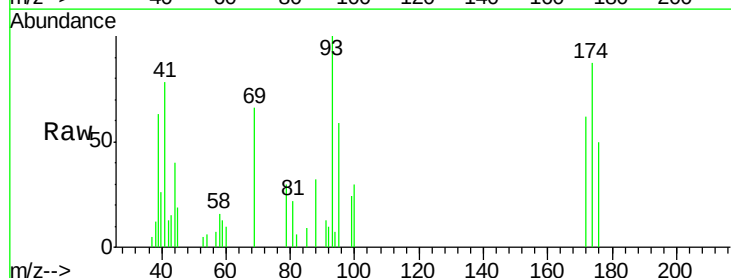
#45
 1,2-Dichloropropane
 Concen: 1.07 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

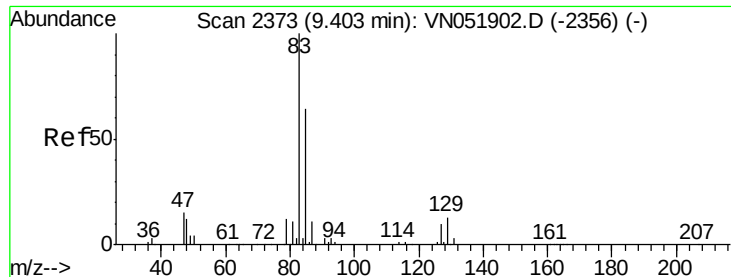
Tot Ion: 63 Resp: 8178
 Ion Ratio Lower Upper
 63 100
 65 34.3 25.0 37.6



#46
 Dibromomethane
 Concen: 1.14 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

Tgt Ion: 93 Resp: 6535
 Ion Ratio Lower Upper
 93 100
 95 72.7 66.7 100.1
 174 107.1 89.8 134.6





#47

Bromodichloromethane

Concen: 0.94 ug/l

RT: 9.41 min Scan# 2374

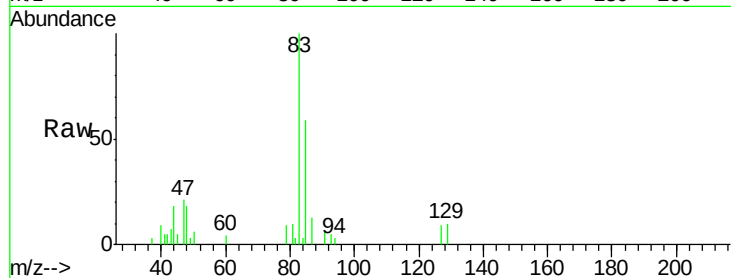
Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

Tot Ion: 83 Resp: 11397

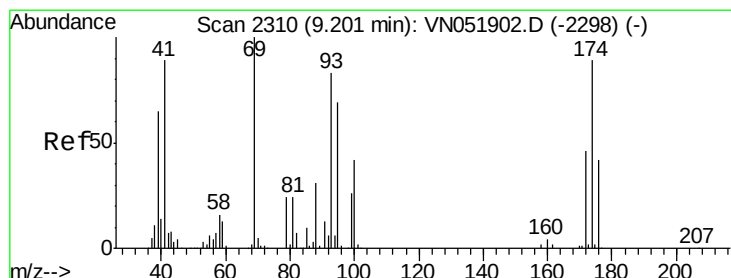
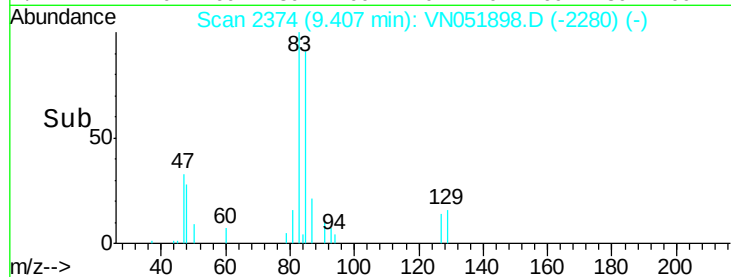
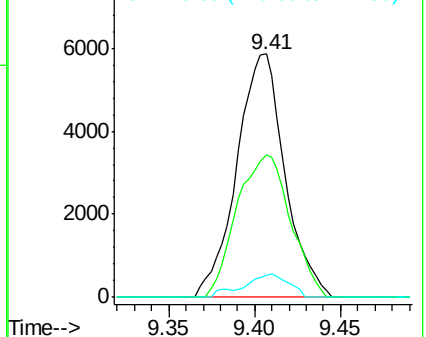
Ion	Ratio	Lower	Upper
83	100		
85	58.7	52.6	78.8
127	9.0	7.2	10.8



Abundance Ion 82.90 (82.60 to 83.60): VN051898.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051898.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051898.D (-2280) (-)



#48

Methyl methacrylate

Concen: 1.04 ug/l

RT: 9.20 min Scan# 2311

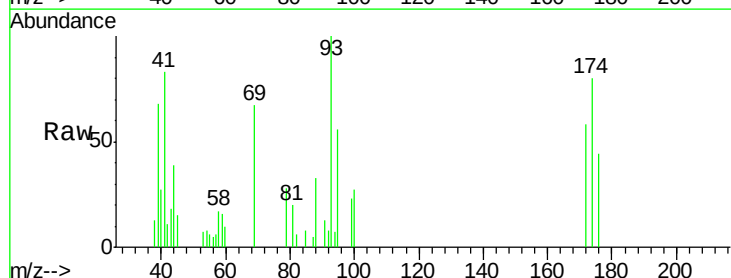
Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

Tgt Ion: 41 Resp: 4663

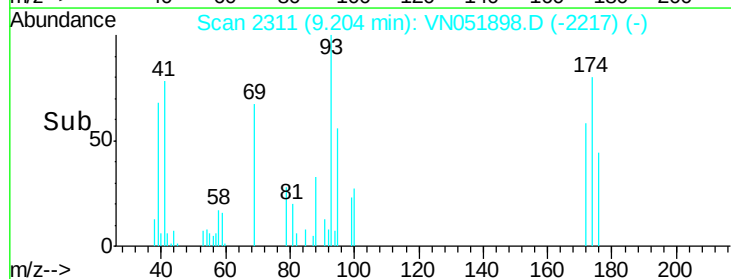
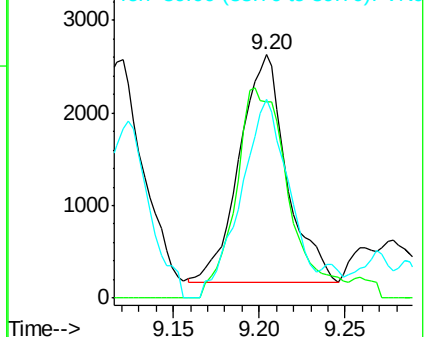
Ion	Ratio	Lower	Upper
41	100		
69	104.5	74.7	112.1
39	89.3	42.2	63.2

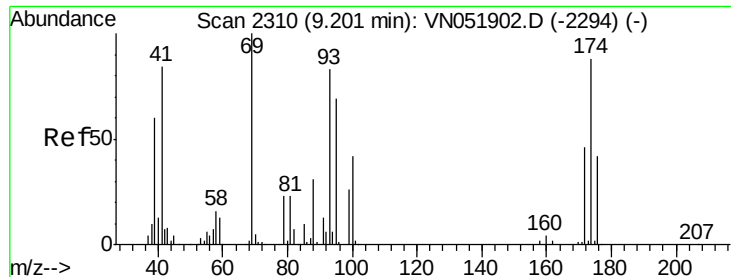


Abundance Ion 41.00 (40.70 to 41.70): VN051898.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051898.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051898.D (-2217) (-)





#49

1,4-Dioxane

Concen: 23.76 ug/l

RT: 9.20 min Scan# 2311

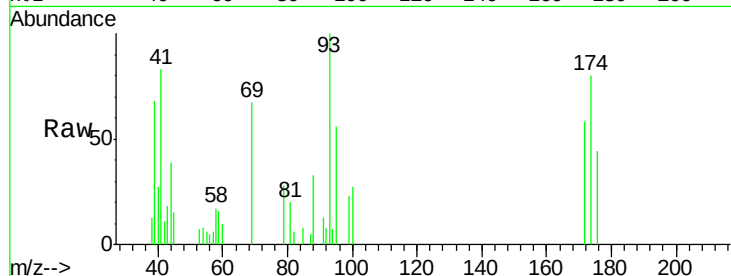
Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

Tot Ion: 88 Resp: 1914

Ion	Ratio	Lower	Upper
88	100		
43	16.5	25.9	38.9#
58	42.0	55.0	82.4#

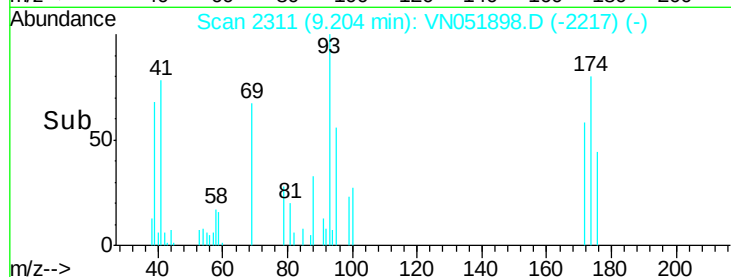


Abundance Ion 88.00 (87.70 to 88.70): VN051898.D (-2217) (-)

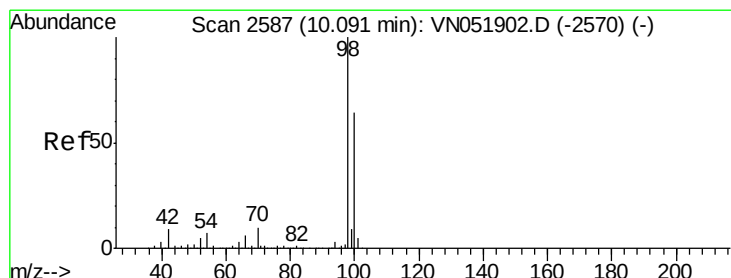
Ion 43.00 (42.70 to 43.70): VN051898.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN051898.D (-2217) (-)

Time-->



Time-->



#50

Toluene-d8

Concen: 23.76 ug/l

RT: 10.09 min Scan# 2587

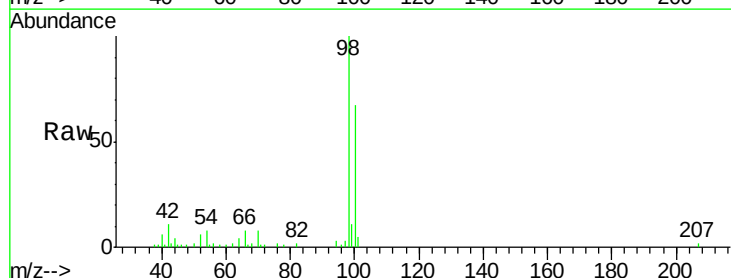
Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

Tgt Ion: 98 Resp: 43373

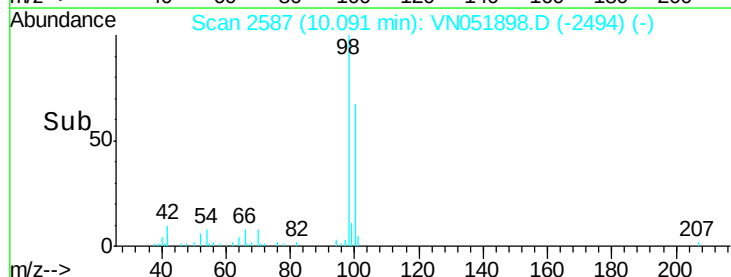
Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.5	77.3



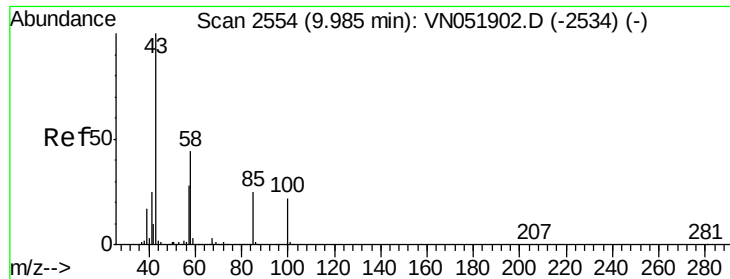
Abundance Ion 98.00 (97.70 to 98.70): VN051898.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051898.D (-2494) (-)

Time-->



Time-->



#51

4-Methyl-2-Pentanone

Concen: 5.26 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051898.D

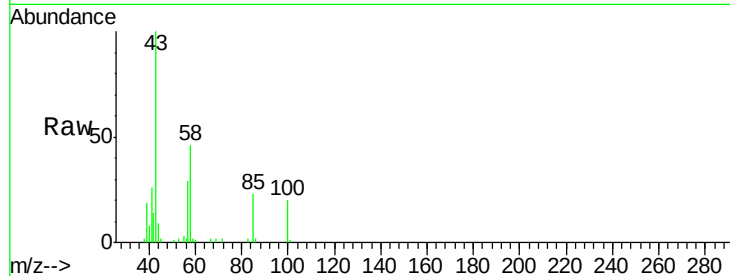
Acq: 17 Oct 2018 8:57

Tot Ion: 43 Resp: 26945

Ion Ratio Lower Upper

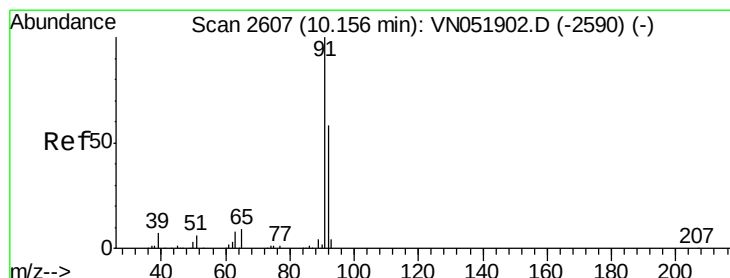
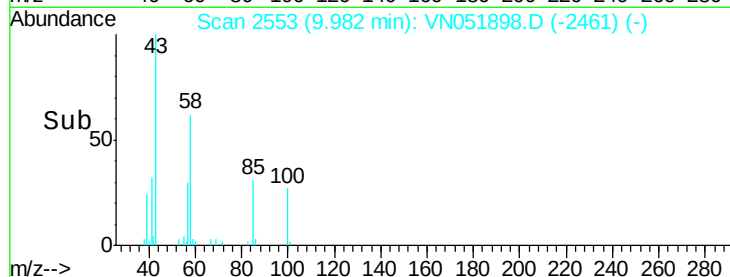
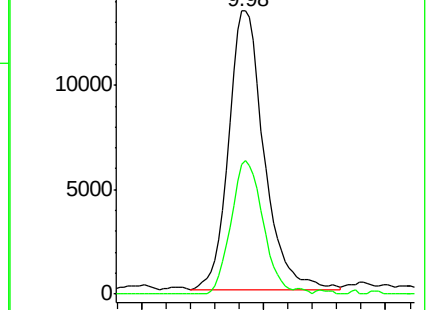
43 100

58 43.2 32.4 48.6



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

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



#52

Toluene

Concen: 1.01 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051898.D

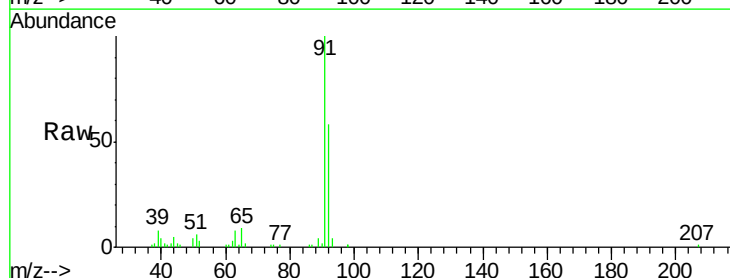
Acq: 17 Oct 2018 8:57

Tgt Ion: 92 Resp: 22787

Ion Ratio Lower Upper

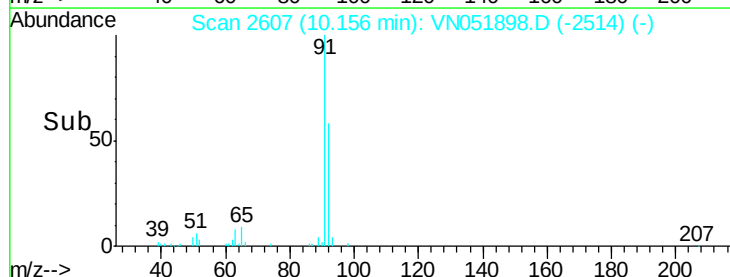
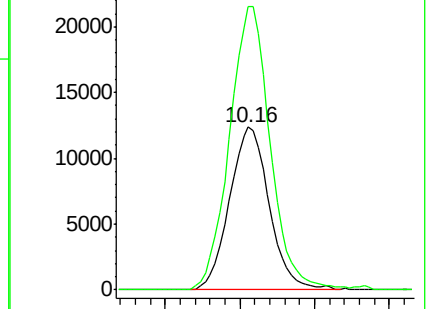
92 100

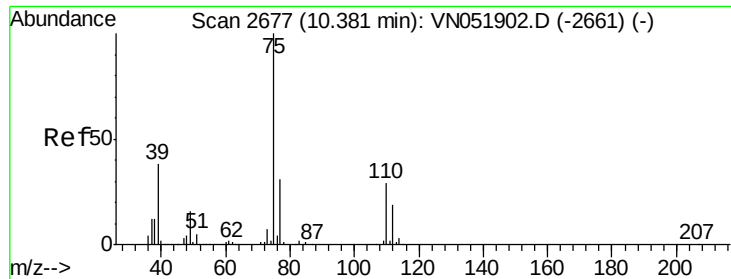
91 178.6 140.6 211.0



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

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





#53

t-1,3-Dichloropropene

Concen: 0.79 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN051898.D

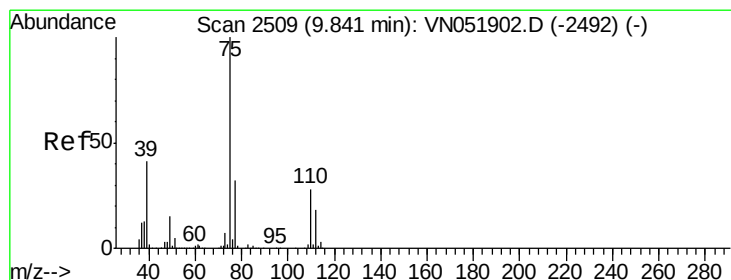
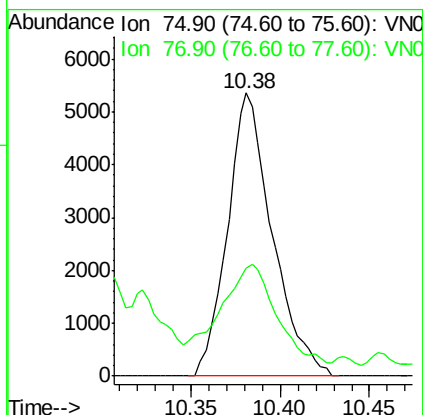
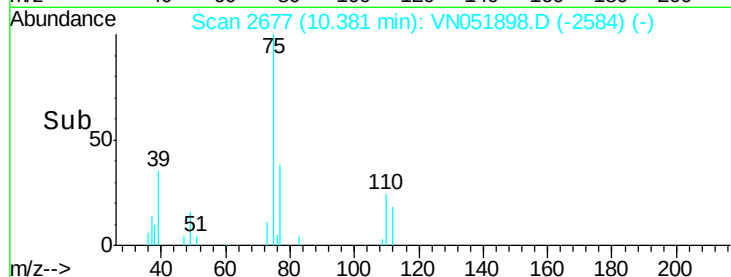
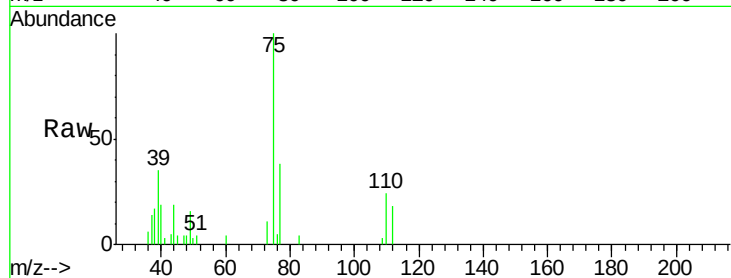
Acq: 17 Oct 2018 8:57

Tot Ion: 75 Resp: 9328

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 0.90 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.01 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

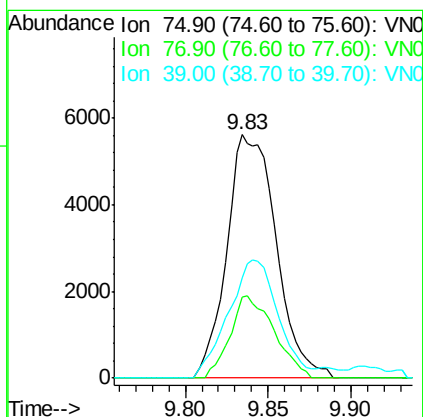
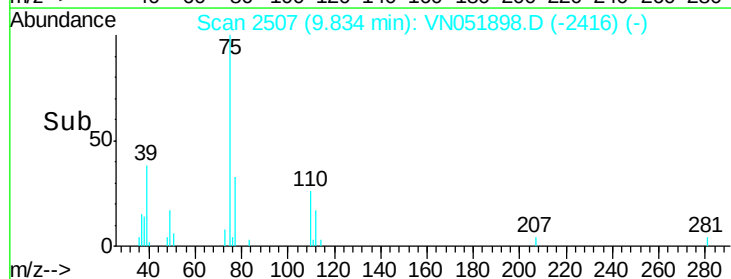
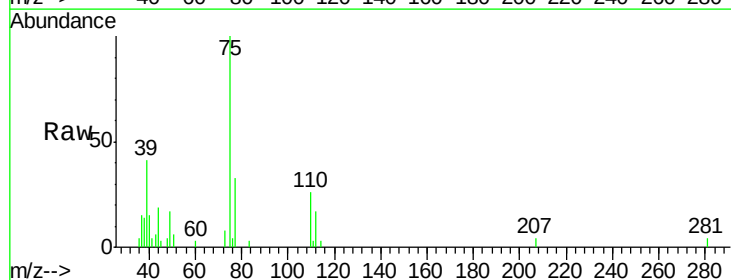
Tgt Ion: 75 Resp: 11625

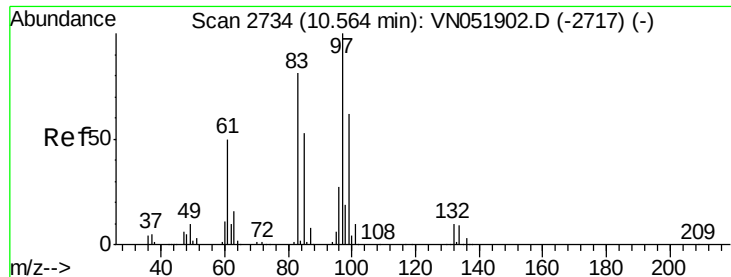
Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.2

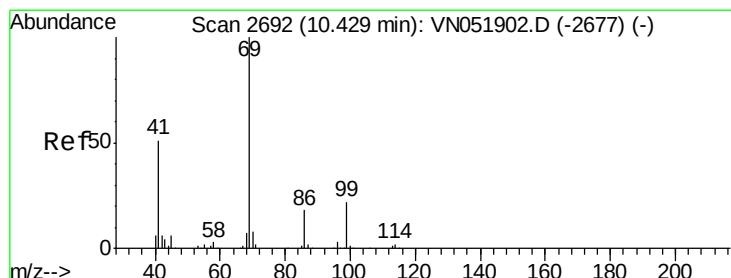
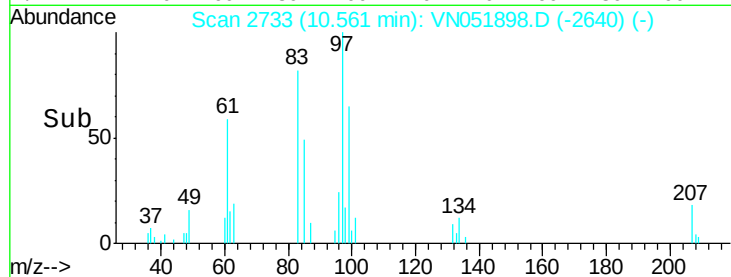
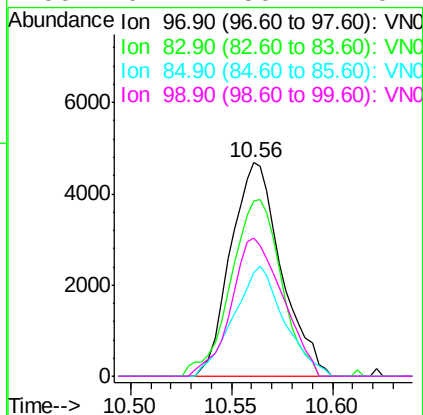
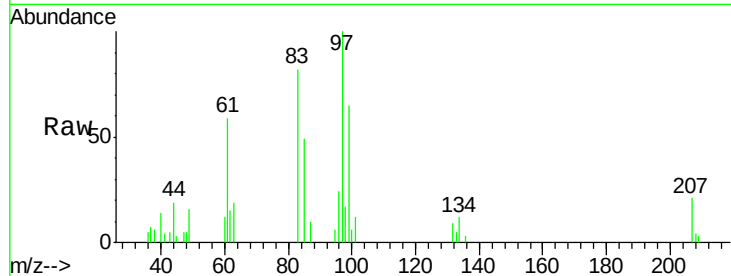
39 41.4 33.0 49.4





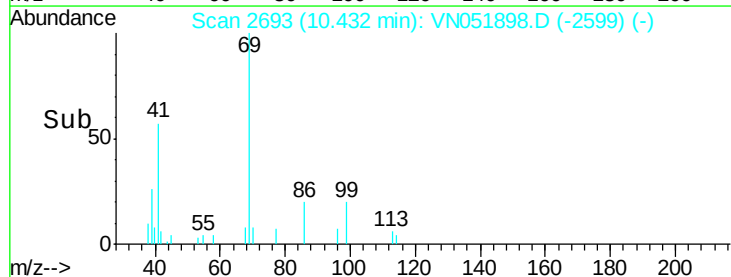
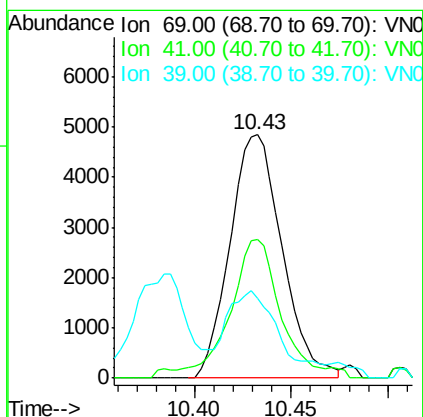
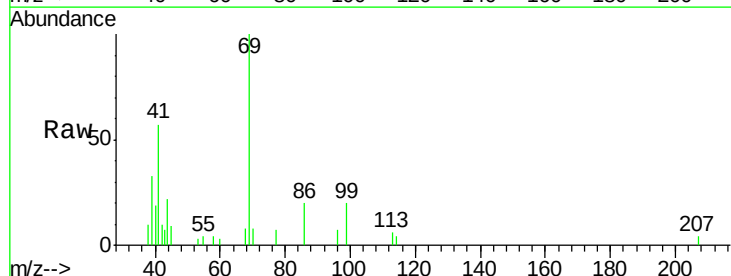
#55
 1,1,2-Trichloroethane
 Concen: 1.01 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

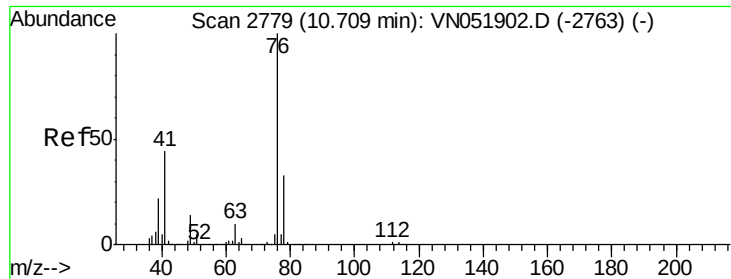
Tot Ion:	97	Resp:	8182
Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.7	104.5
85	48.7	44.5	66.7
99	64.7	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 1.00 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

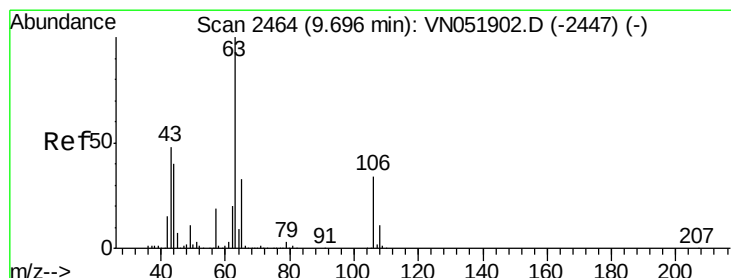
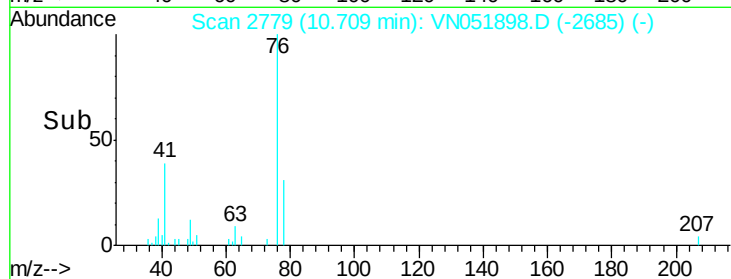
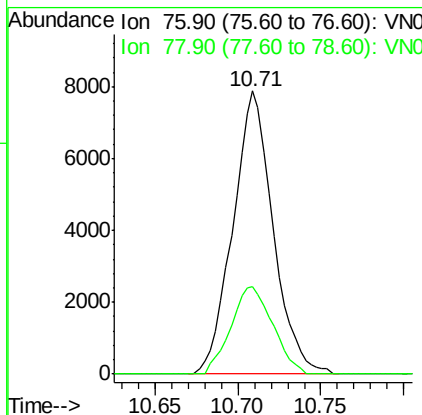
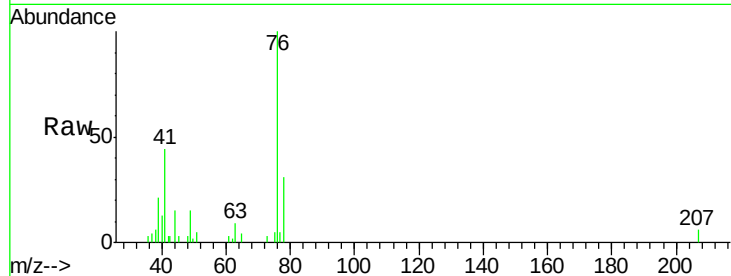
Tgt Ion:	69	Resp:	9080
Ion	Ratio	Lower	Upper
69	100		
41	55.4	48.3	72.5
39	28.8	24.0	36.0





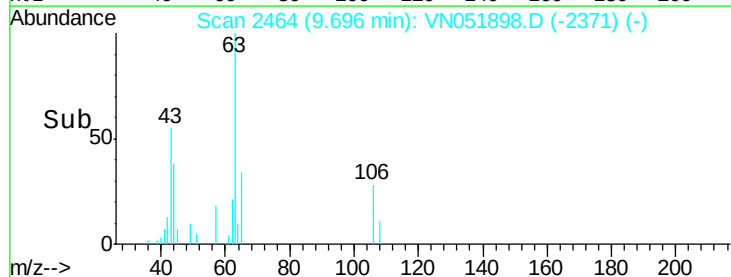
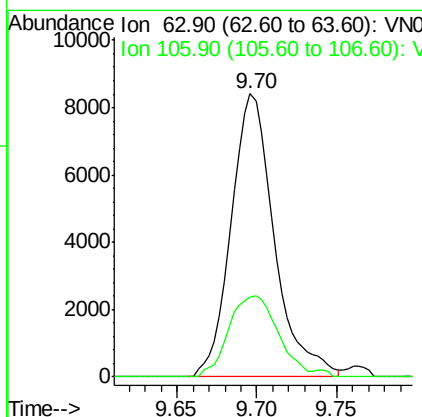
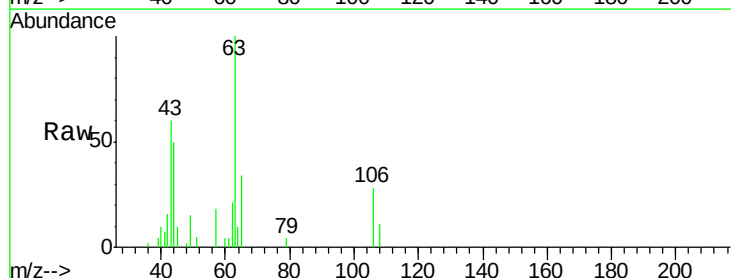
#57
 1,3-Dichloropropane
 Concen: 1.08 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

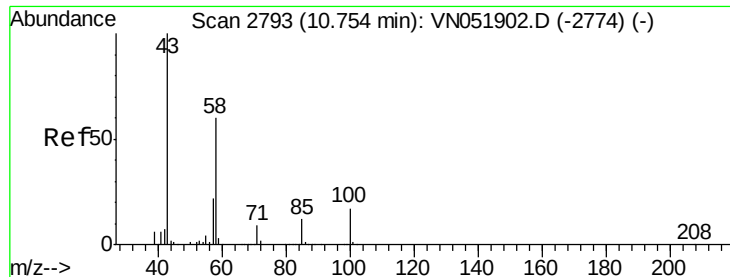
Tot Ion: 76 Resp: 13268
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.99 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

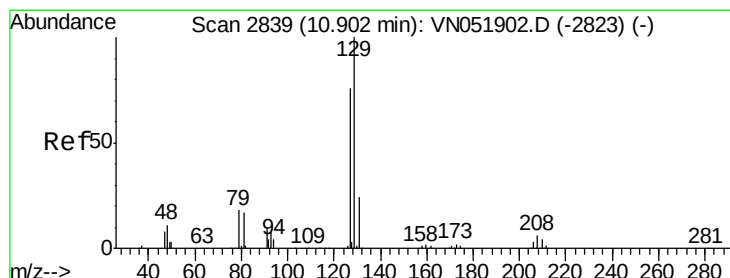
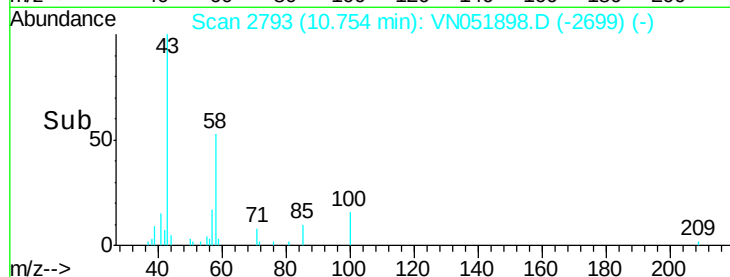
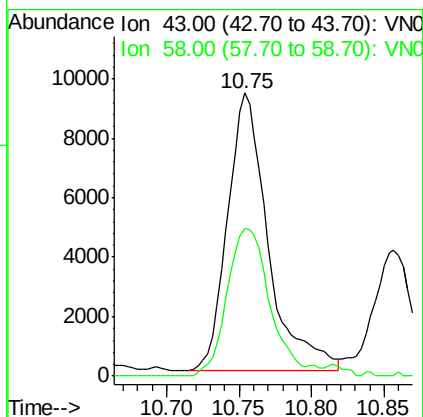
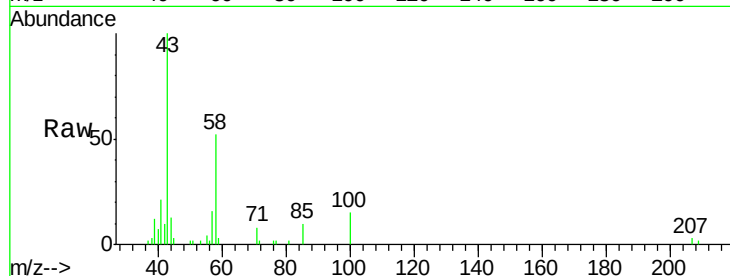
Tgt Ion: 63 Resp: 15479
 Ion Ratio Lower Upper
 63 100
 106 32.7 21.9 32.9





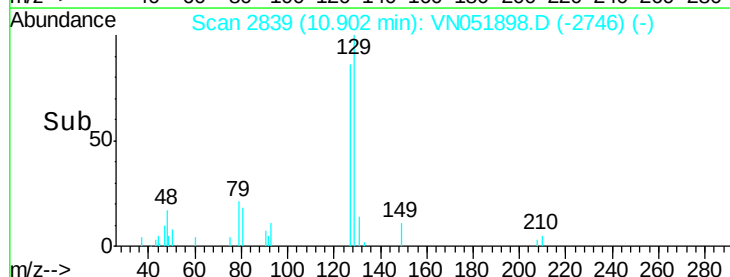
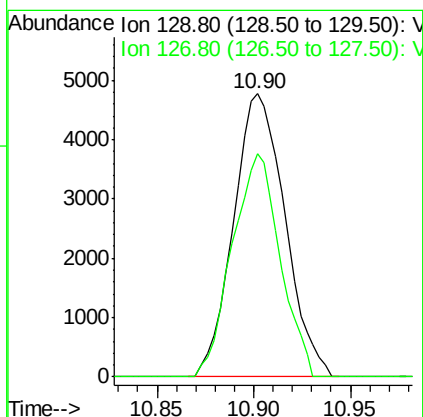
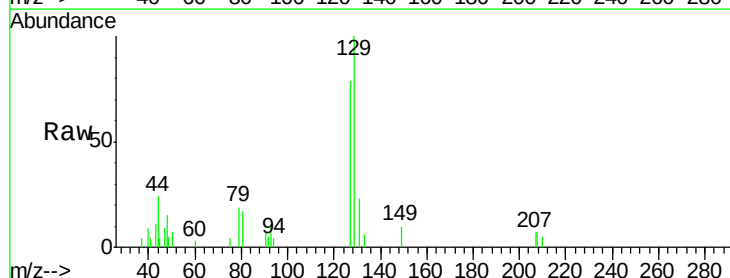
#59
2-Hexanone
Concen: 5.05 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

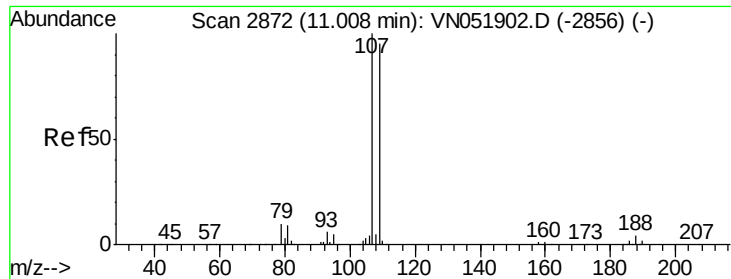
Tot Ion: 43 Resp: 18188
Ion Ratio Lower Upper
43 100
58 55.4 28.3 85.0



#60
Dibromochloromethane
Concen: 0.87 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

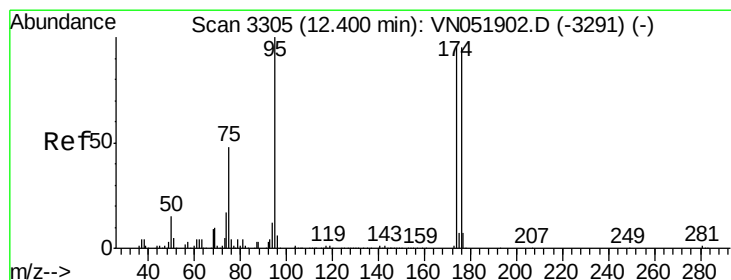
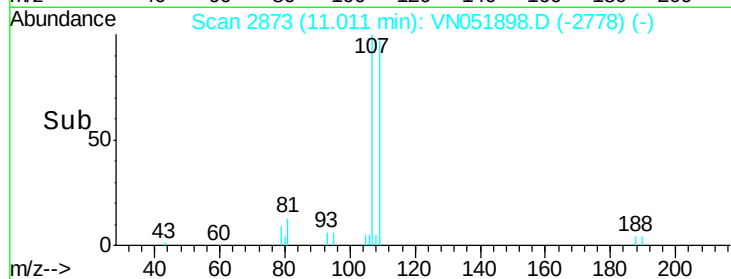
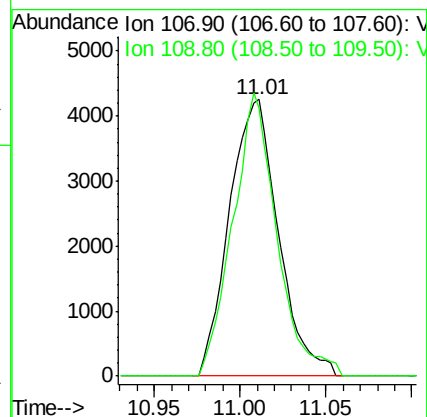
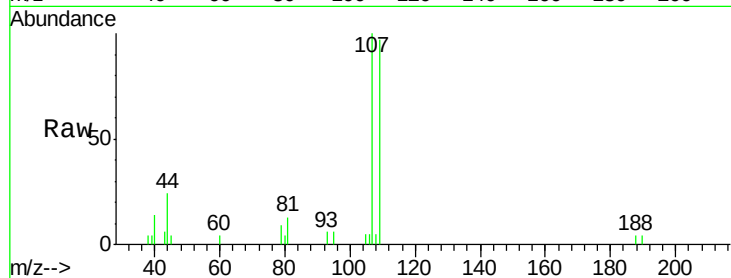
Tgt Ion: 129 Resp: 8832
Ion Ratio Lower Upper
129 100
127 73.3 38.3 114.9





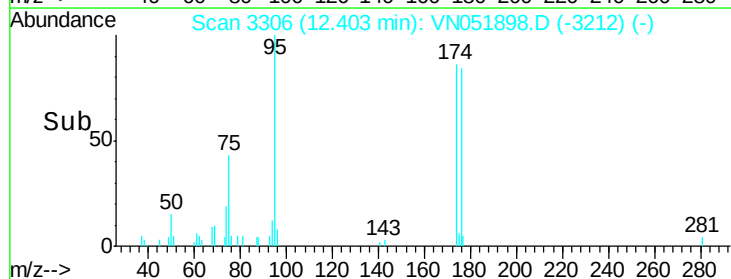
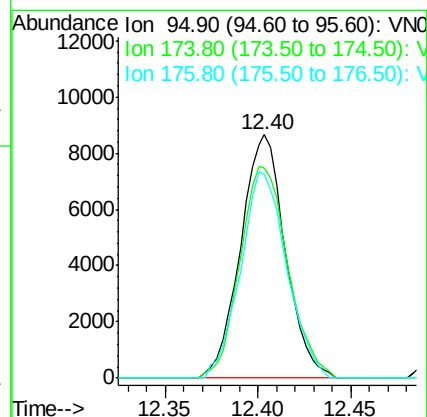
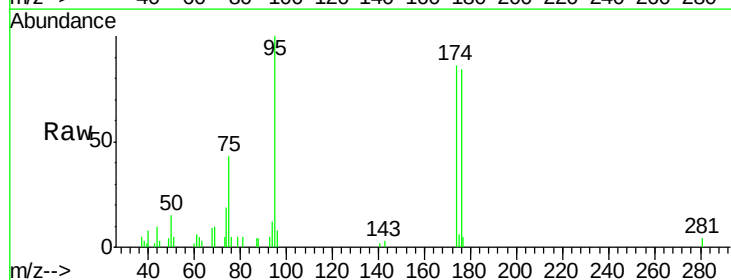
#61
 1,2-Dibromoethane
 Concen: 1.00 ug/l
 RT: 11.01 min Scan# 2873
 Delta R.T. 0.01 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

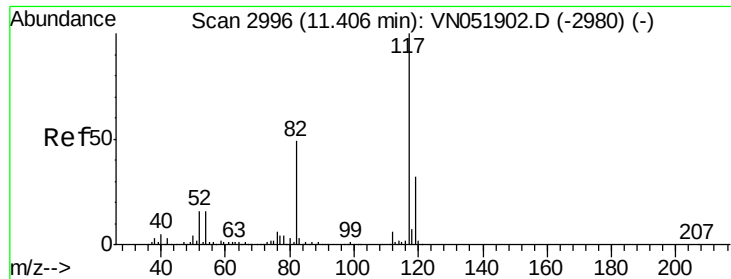
Tot Ion: 107 Resp: 8450
 Ion Ratio Lower Upper
 107 100
 109 92.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 1.00 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

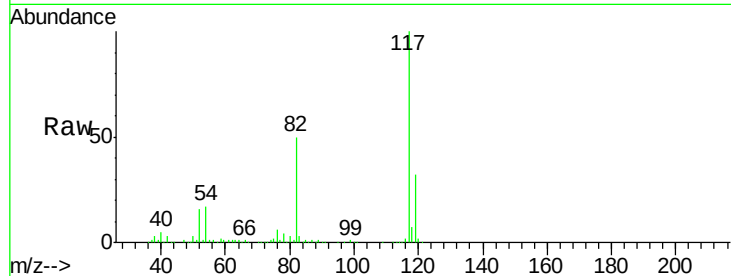
Tgt Ion: 95 Resp: 14468
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 183.0
 176 87.6 0.0 178.8



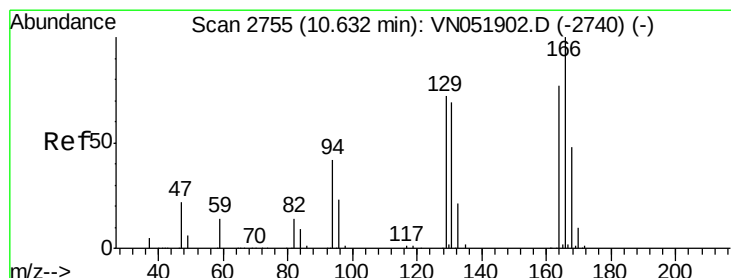
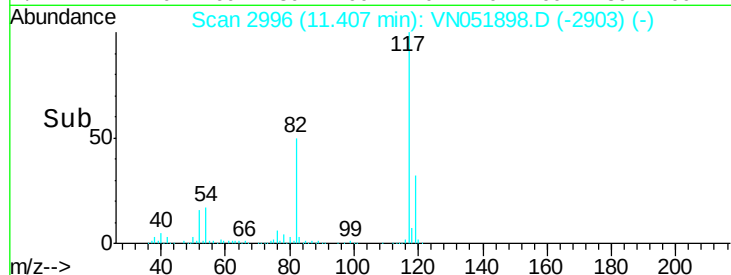
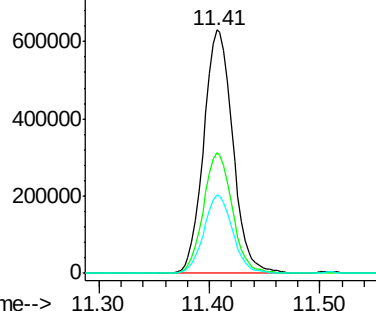


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tot Ion:117 Resp: 1154553
Ion Ratio Lower Upper
117 100
82 49.7 42.6 64.0
119 32.1 25.8 38.6

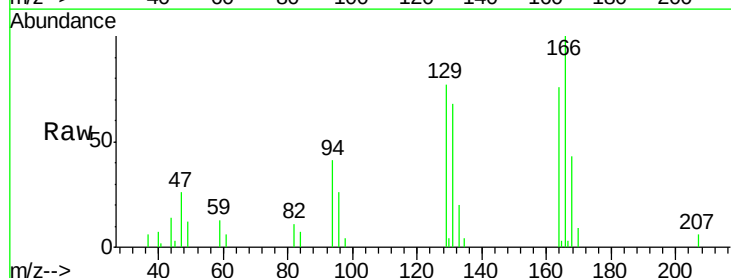


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

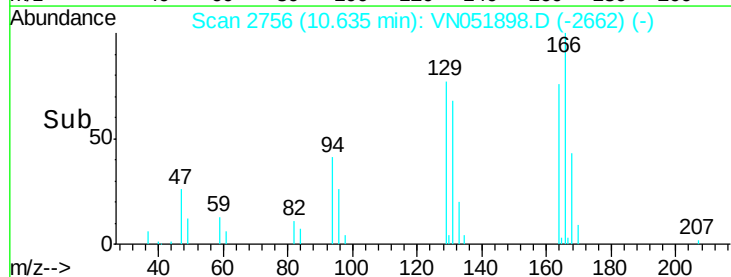
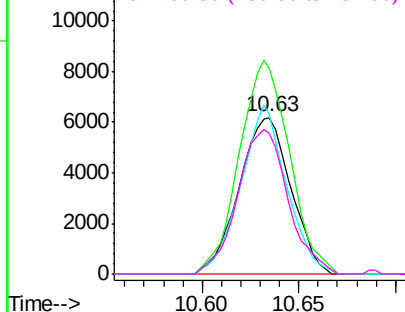


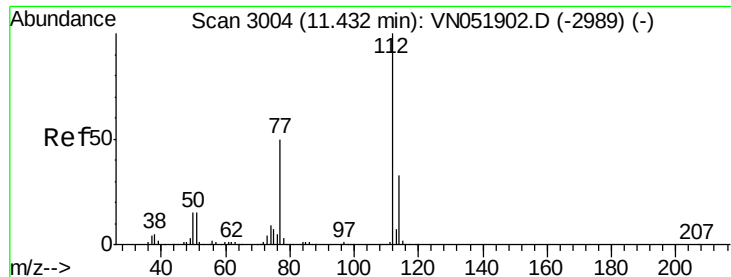
#64
Tetrachloroethene
Concen: 1.25 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tgt Ion:164 Resp: 11522
Ion Ratio Lower Upper
164 100
166 132.0 103.5 155.3
129 102.2 72.7 109.1
131 90.4 69.5 104.3



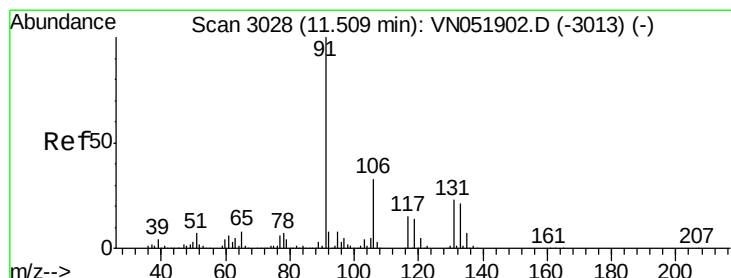
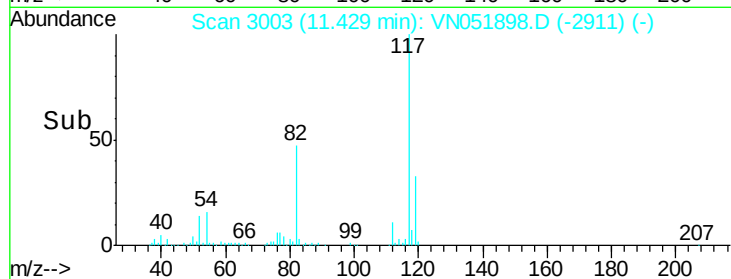
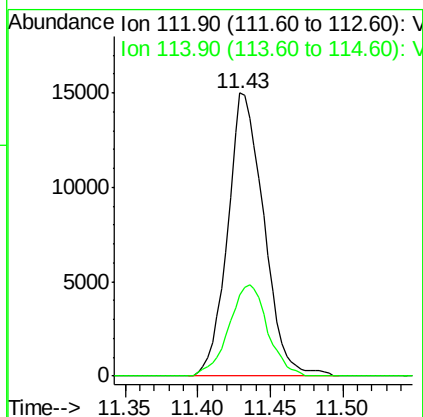
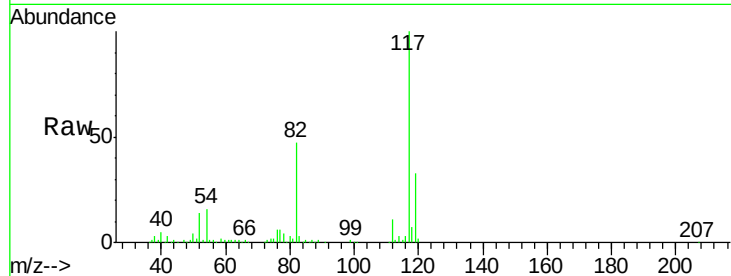
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





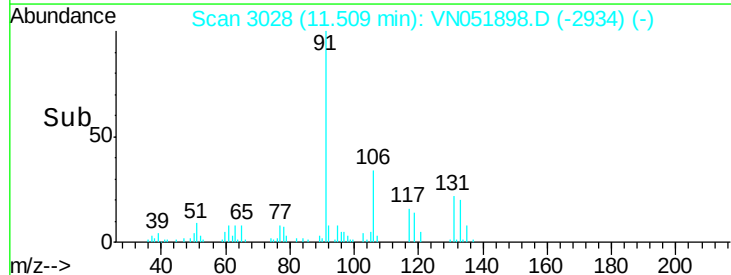
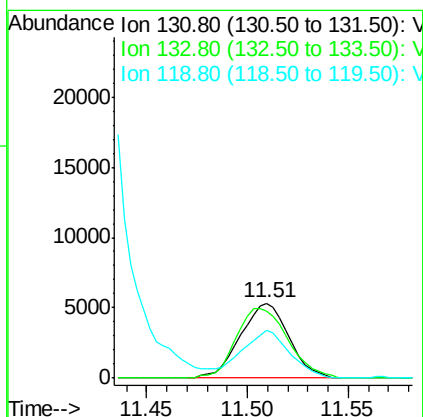
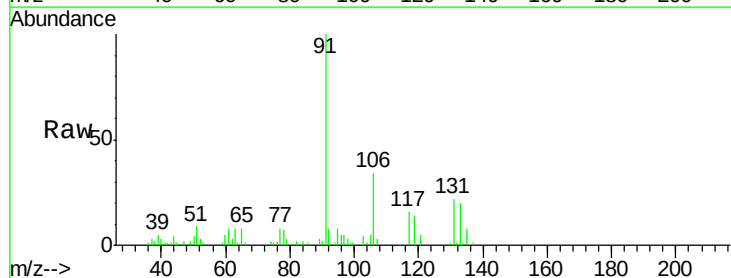
#65
Chlorobenzene
Concen: 1.13 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

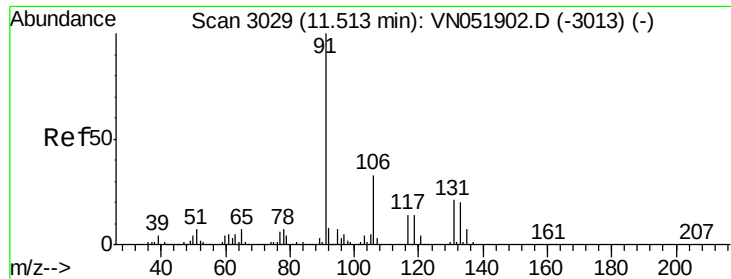
Tot Ion:112 Resp: 25938
Ion Ratio Lower Upper
112 100
114 28.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 1.01 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

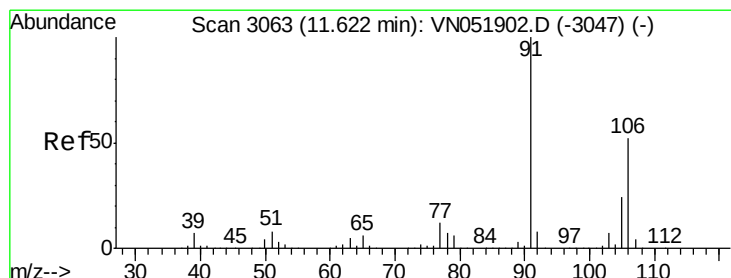
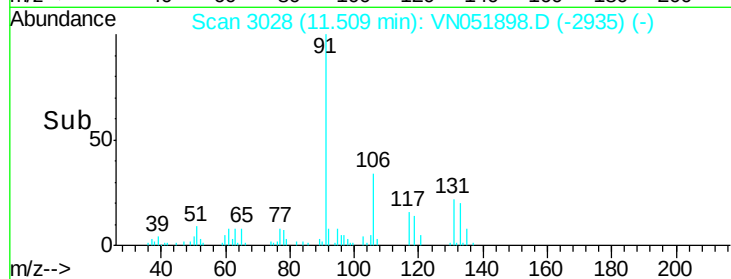
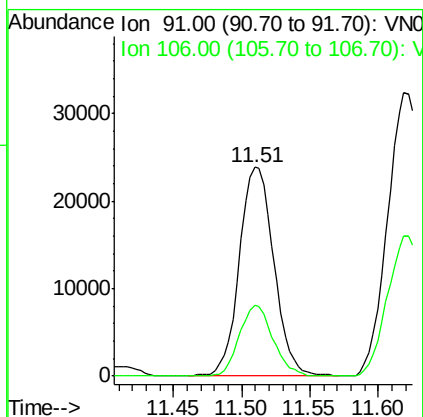
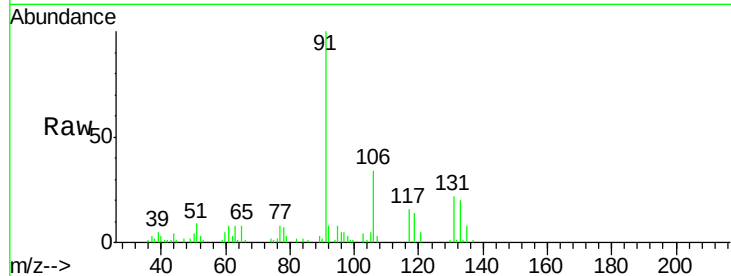
Tgt Ion:131 Resp: 8955
Ion Ratio Lower Upper
131 100
133 100.0 47.4 142.3
119 0.0 32.8 98.4#





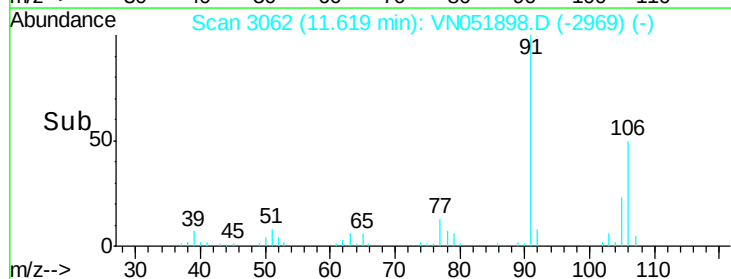
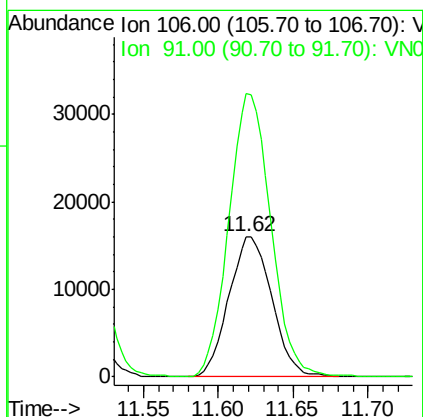
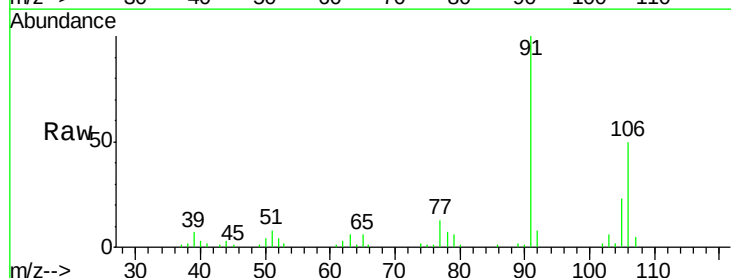
#67
Ethyl Benzene
Concen: 1.10 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

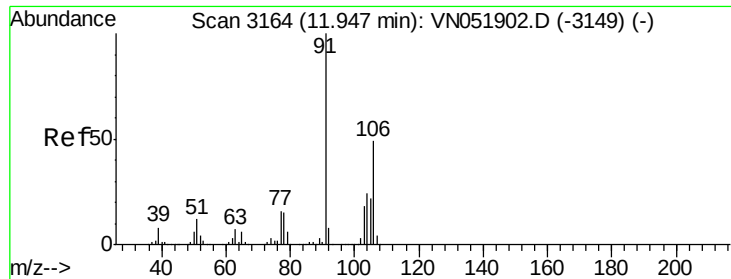
Tot Ion: 91 Resp: 42038
Ion Ratio Lower Upper
91 100
106 34.0 25.0 37.4



#68
m/p-Xylenes
Concen: 2.05 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

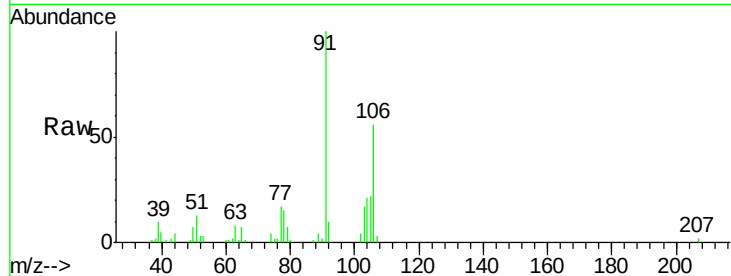
Tgt Ion: 106 Resp: 32039
Ion Ratio Lower Upper
106 100
91 197.0 161.0 241.6



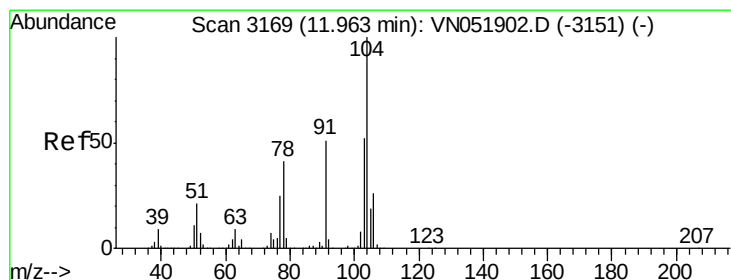
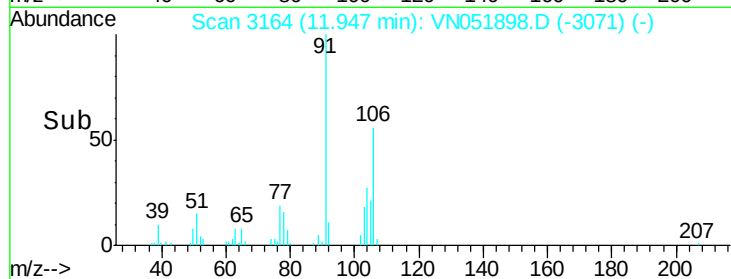
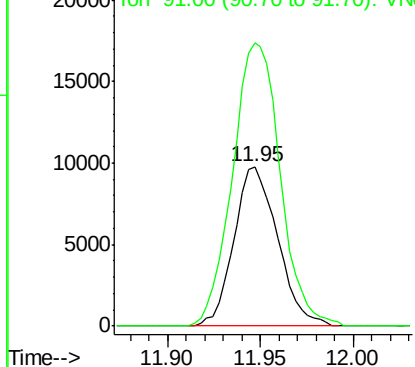


#69
o-Xylene
Concen: 1.05 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tot Ion:106 Resp: 16044
Ion Ratio Lower Upper
106 100
91 193.7 106.5 319.5

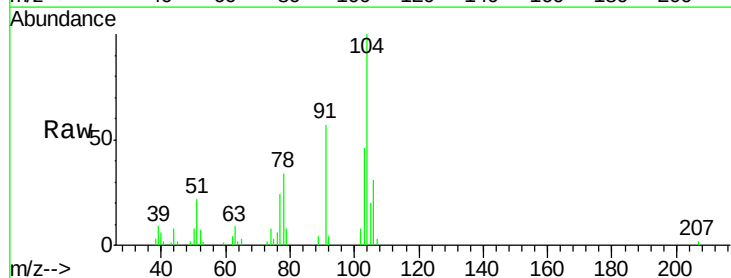


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

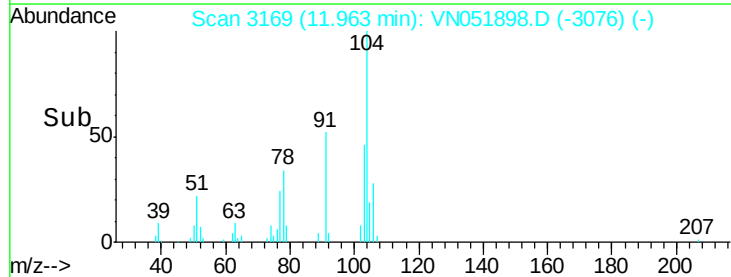
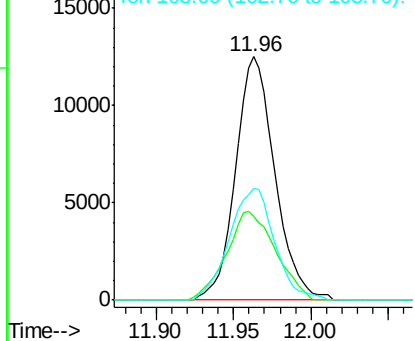


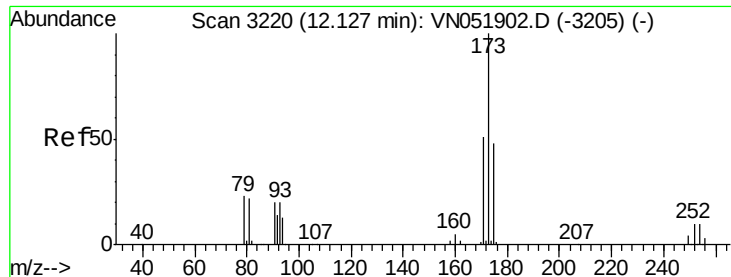
#70
Styrene
Concen: 0.92 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tgt Ion:104 Resp: 22055
Ion Ratio Lower Upper
104 100
78 45.4 38.2 57.4
103 52.8 44.4 66.6



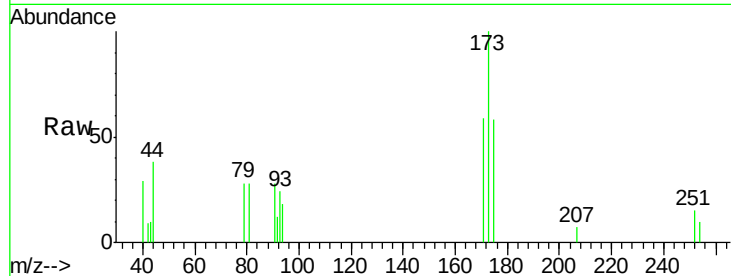
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



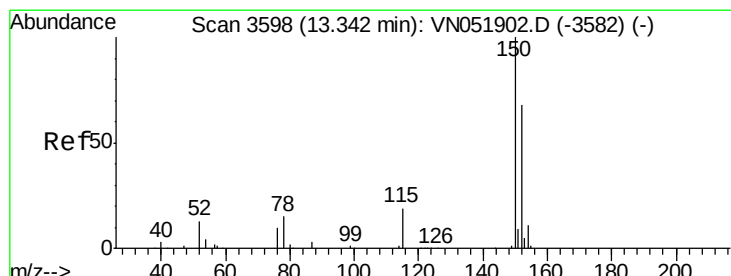
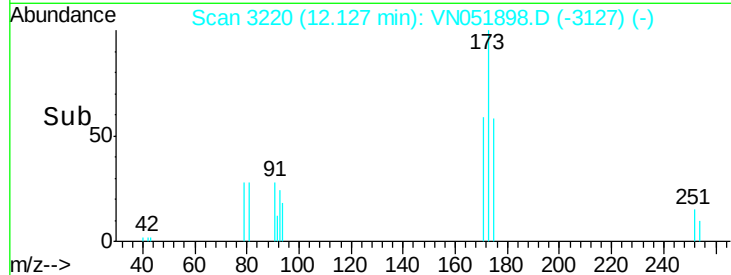
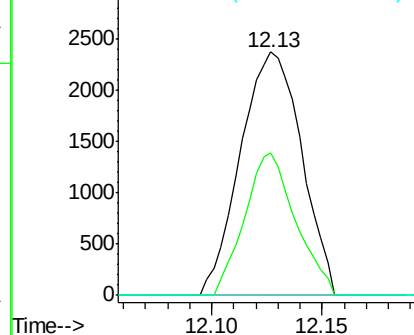


#71
Bromoform
Concen: 0.79 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tot Ion:173 Resp: 4547
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.4
254 0.0 0.1 0.1#

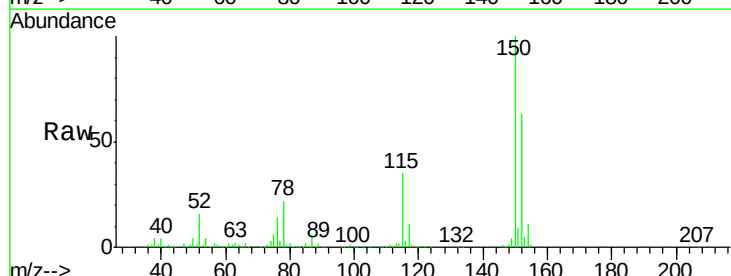


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

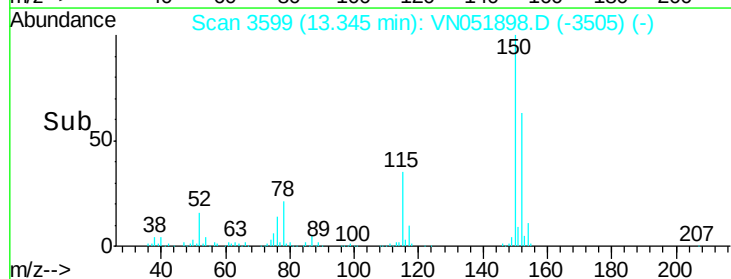
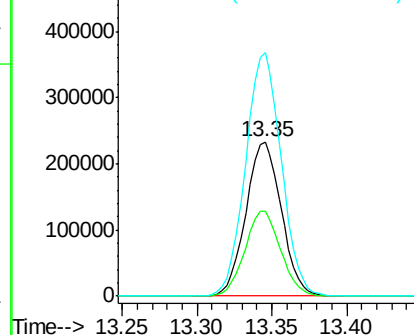


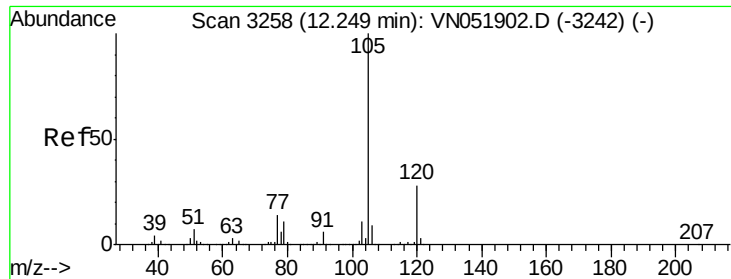
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tgt Ion:152 Resp: 385743
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 158.5 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: 1.51 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051898.D

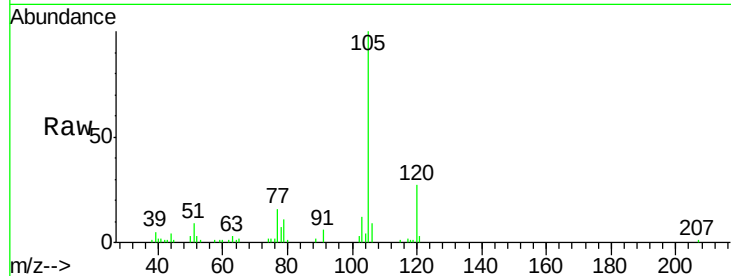
Acq: 17 Oct 2018 8:57

Tot Ion:105 Resp: 39496

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

12.25

25000

20000

15000

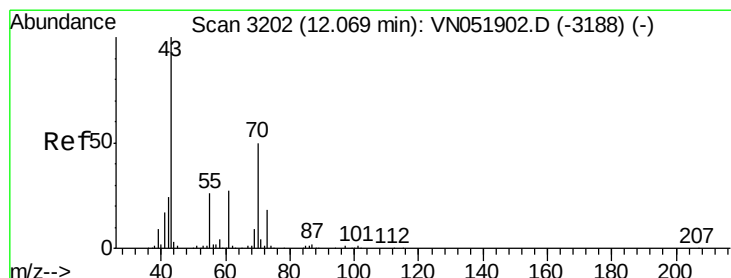
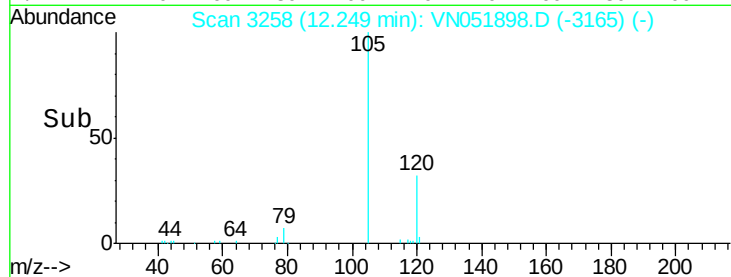
10000

5000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 1.56 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

Tgt Ion: 43 Resp: 7064

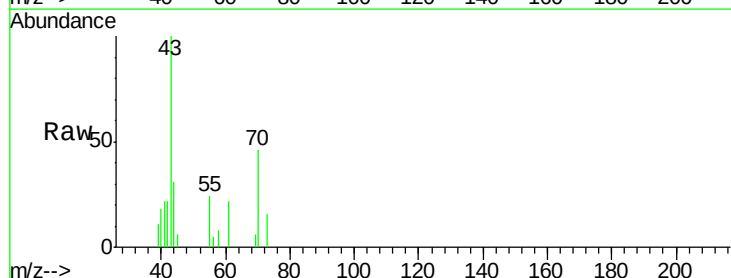
Ion Ratio Lower Upper

43 100

70 40.1 36.2 54.2

55 21.5 21.8 32.8#

61 21.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

5000

4000

3000

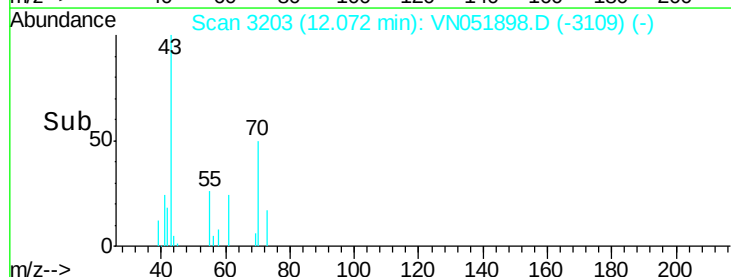
2000

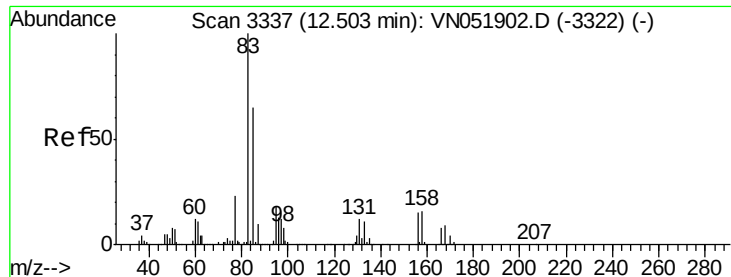
1000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 1.75 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

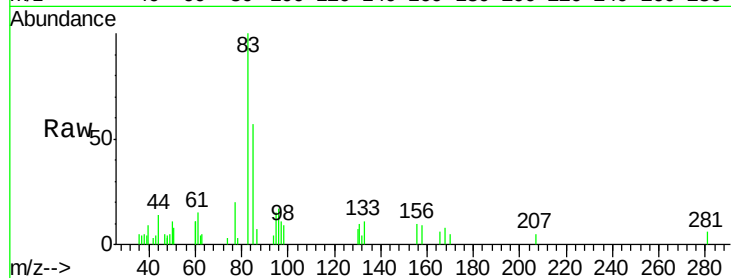
Tot Ion: 83 Resp: 8724

Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.3	15.9
85	62.5	31.9	95.7

83 100

131 12.1 5.3 15.9

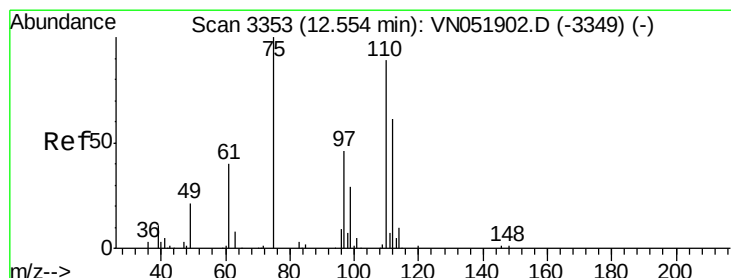
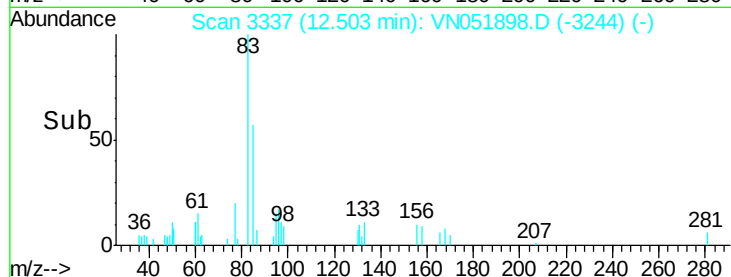
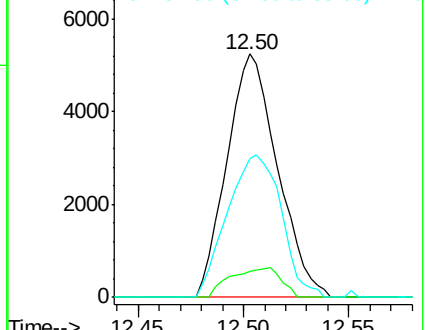
85 62.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 2.37 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN051898.D

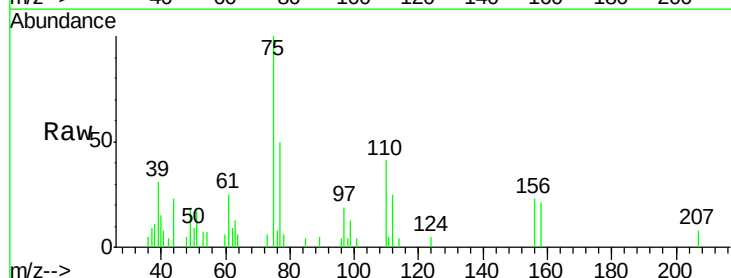
Acq: 17 Oct 2018 8:57

Tgt Ion: 75 Resp: 9280

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

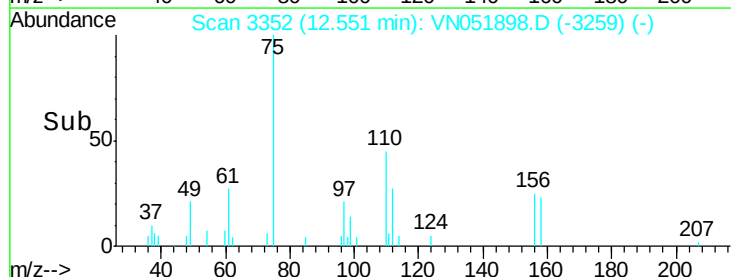
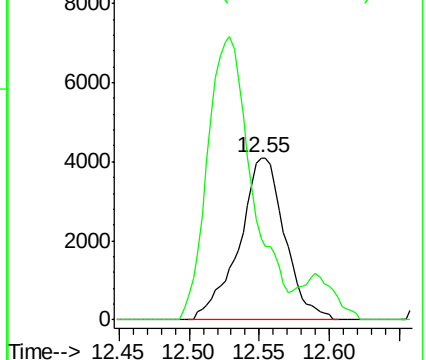
75 100

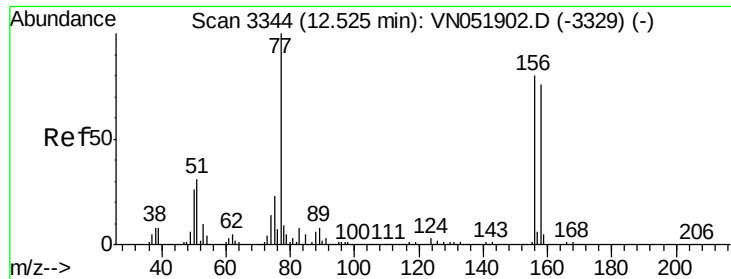
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.54 ug/l

RT: 12.53 min Scan# 3344

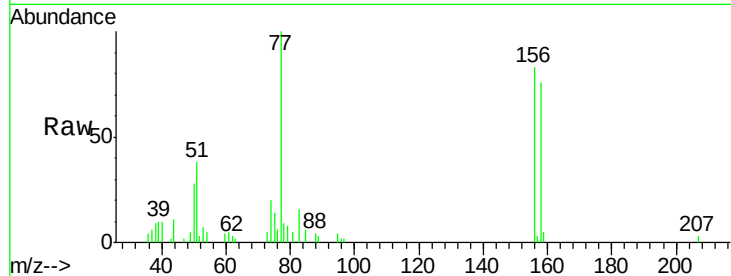
Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

Tot Ion:156 Resp: 10167

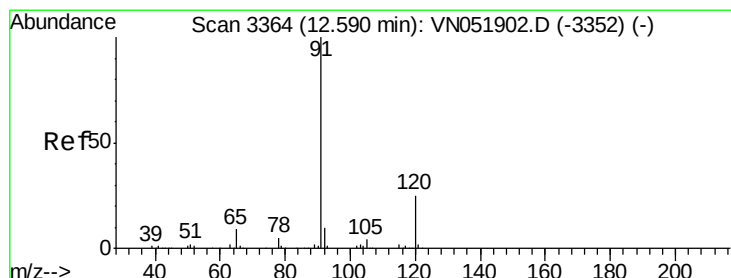
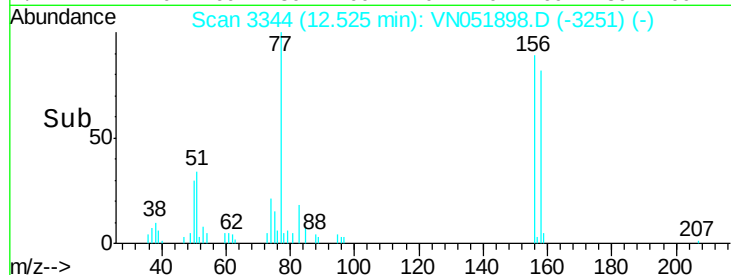
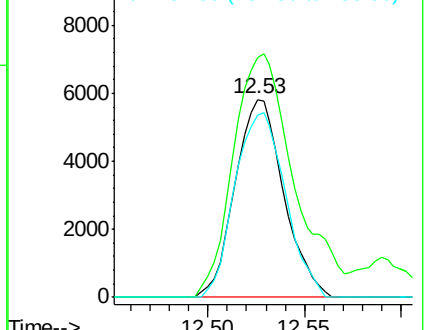
Ion	Ratio	Lower	Upper
156	100		
77	153.6	89.9	269.7
158	96.9	49.3	147.9



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: 1.38 ug/l

RT: 12.59 min Scan# 3365

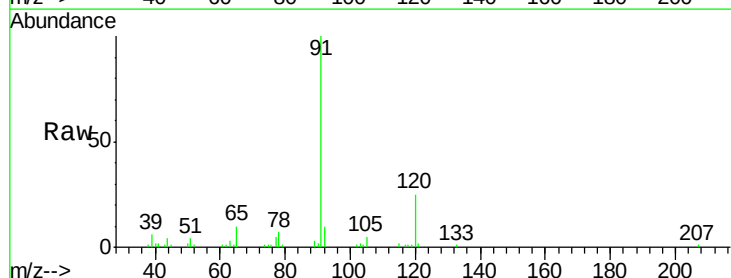
Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

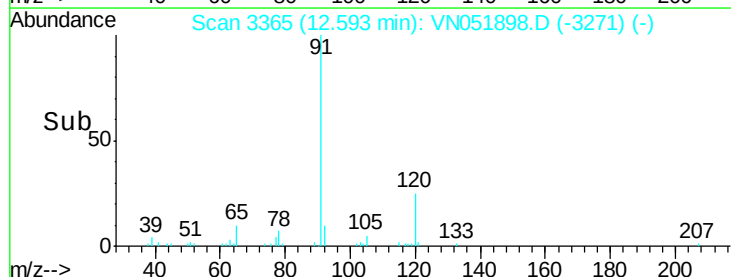
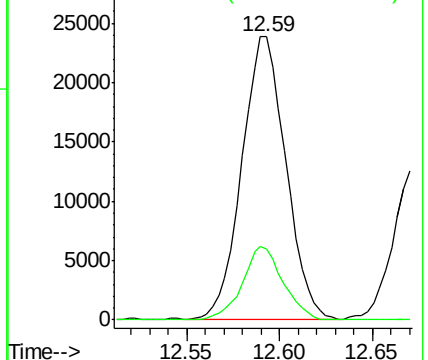
Tgt Ion: 91 Resp: 39347

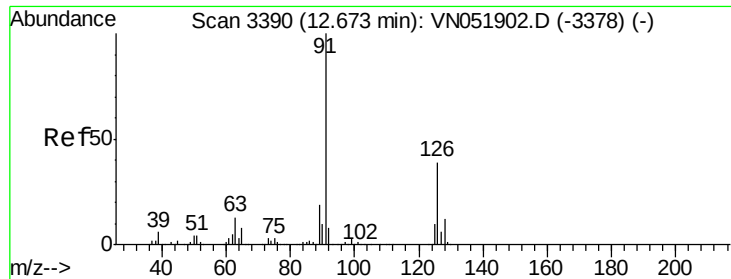
Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.48 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051898.D

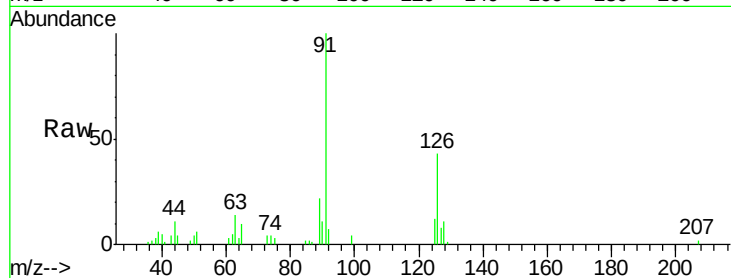
Acq: 17 Oct 2018 8:57

Tot Ion: 91 Resp: 24239

Ion Ratio Lower Upper

91 100

126 40.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN051898.D (-3391) (-)

Ion 125.90 (125.60 to 126.60): VN051898.D (-3391) (-)

25000

20000

15000

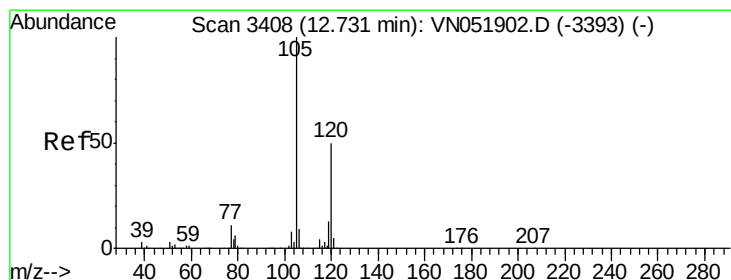
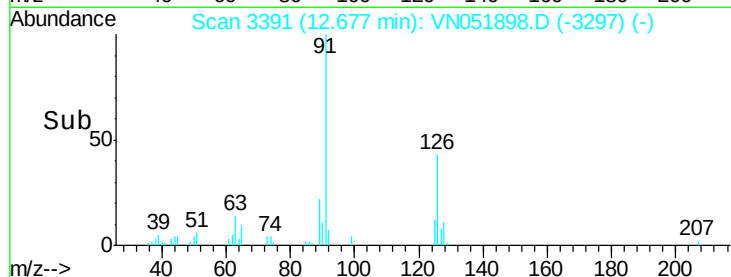
10000

5000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.44 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051898.D

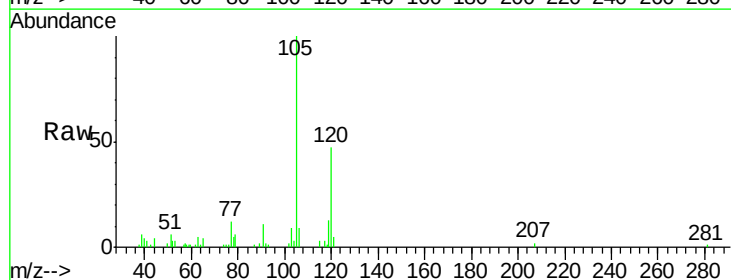
Acq: 17 Oct 2018 8:57

Tgt Ion: 105 Resp: 31539

Ion Ratio Lower Upper

105 100

120 48.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051898.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN051898.D (-3408) (-)

20000

15000

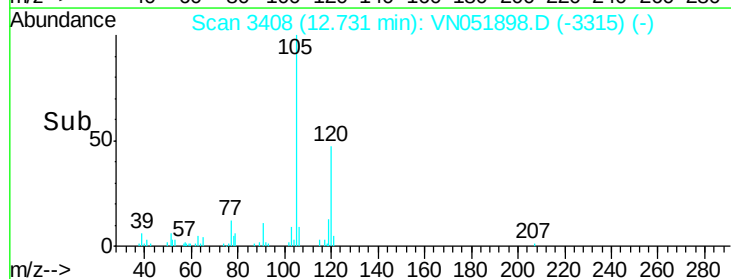
10000

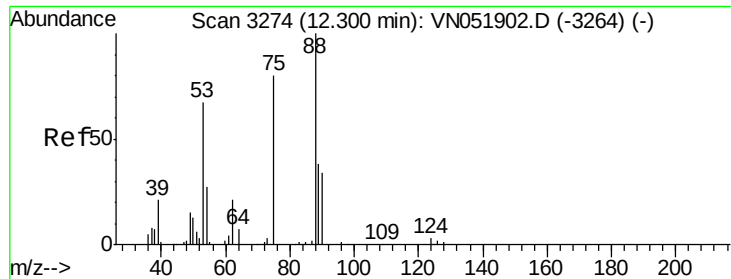
5000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 1.04 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

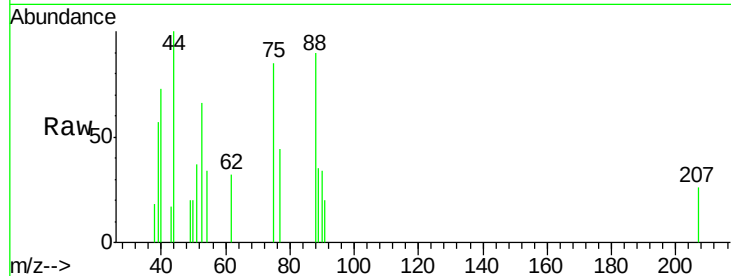
Tot Ion: 75 Resp: 1409

Ion Ratio Lower Upper

75 100

53 99.4 68.9 103.3

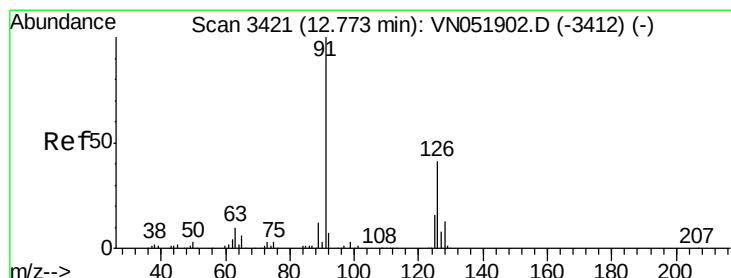
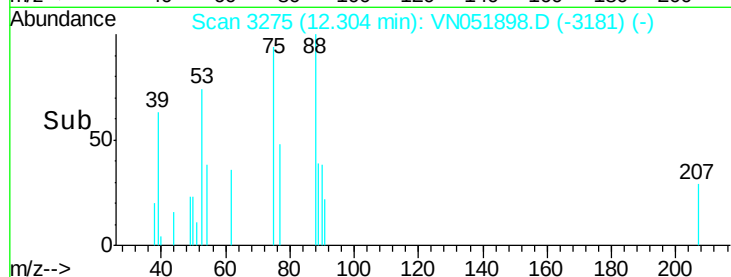
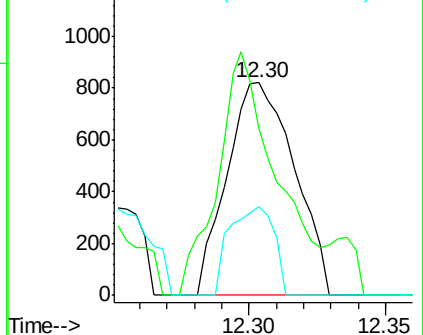
89 27.4 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.42 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051898.D

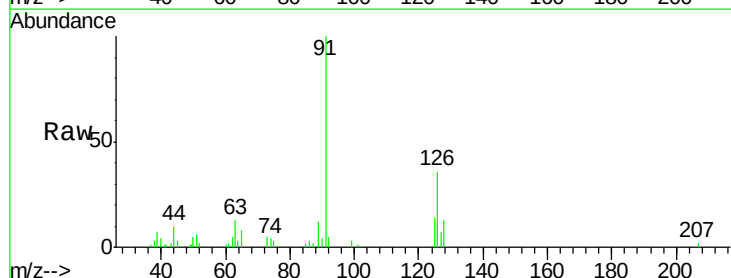
Acq: 17 Oct 2018 8:57

Tgt Ion: 91 Resp: 23506

Ion Ratio Lower Upper

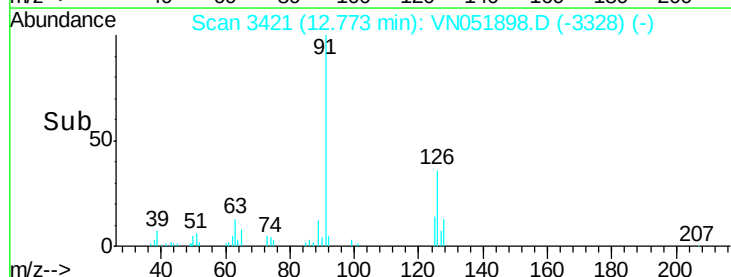
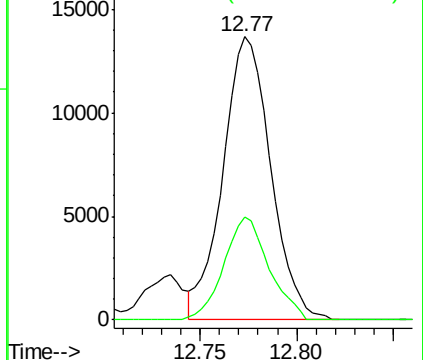
91 100

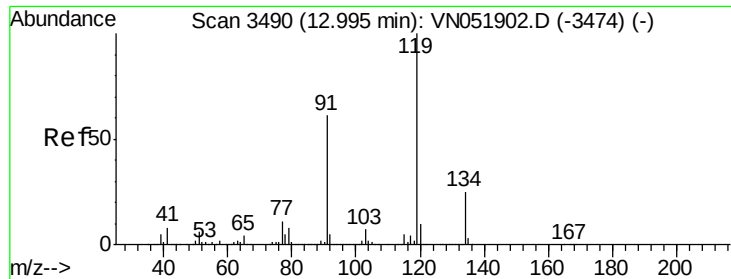
126 34.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

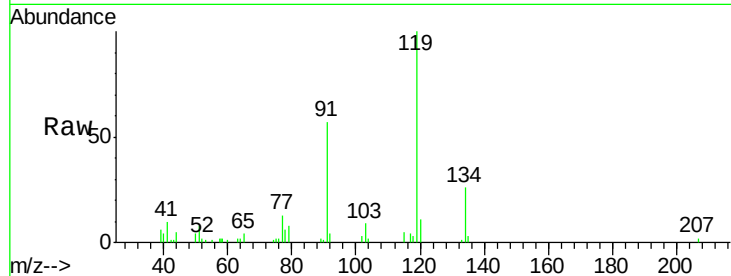
Ion 125.90 (125.60 to 126.60): V



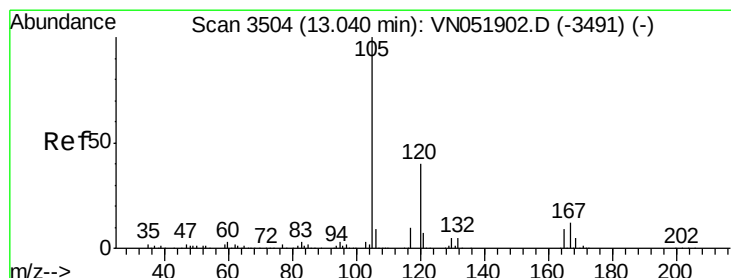
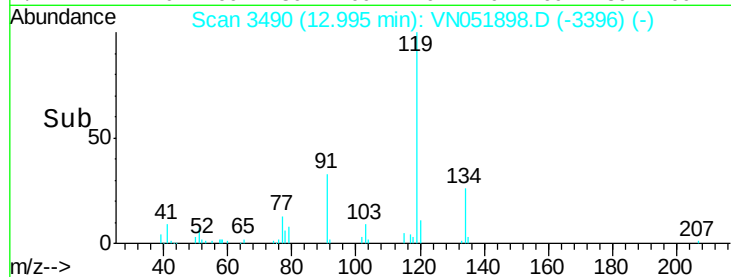
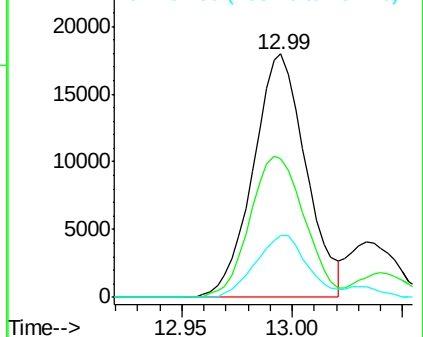


#83
tert-Butylbenzene
Concen: 1.49 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.7	31.6	94.7
134	24.9	13.4	40.1

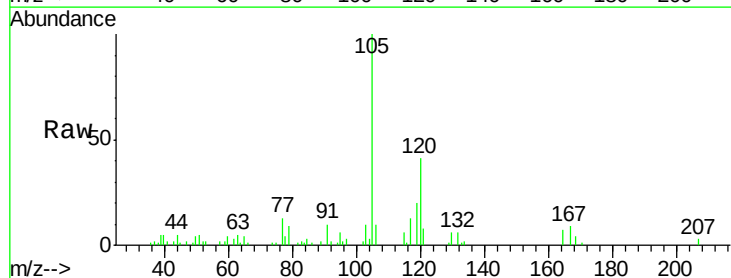


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

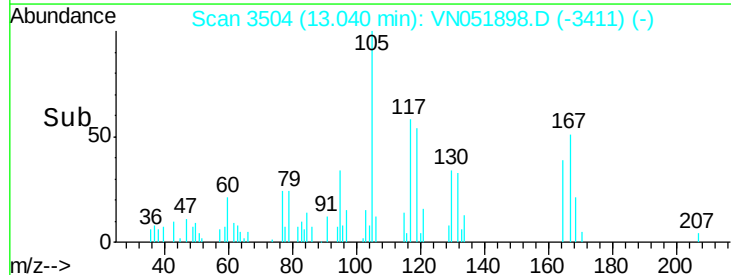
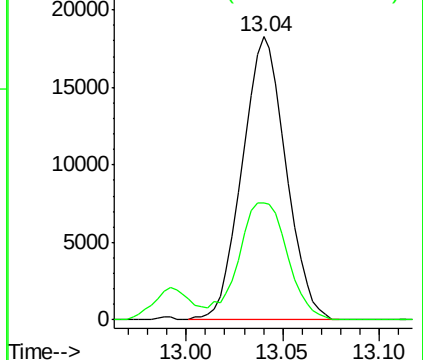


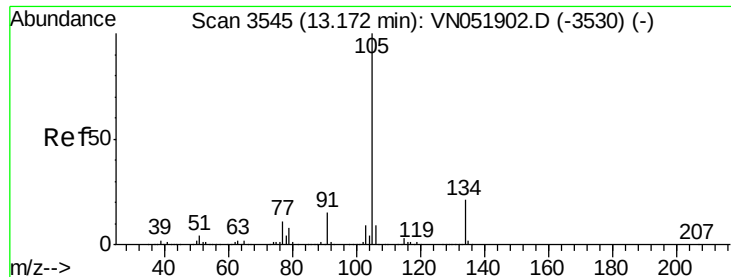
#84
1,2,4-Trimethylbenzene
Concen: 1.30 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	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: 1.36 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051898.D

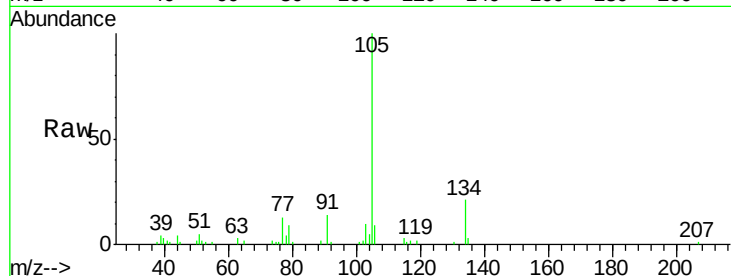
Acq: 17 Oct 2018 8:57

Tot Ion:105 Resp: 36125

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

25000

20000

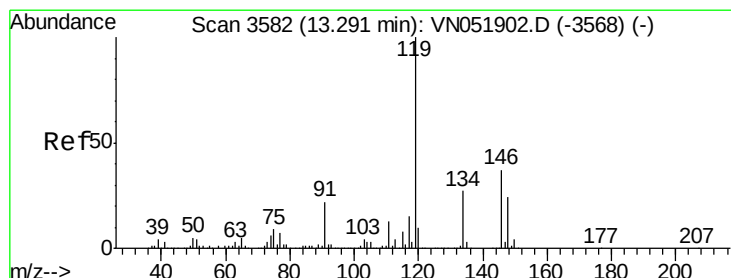
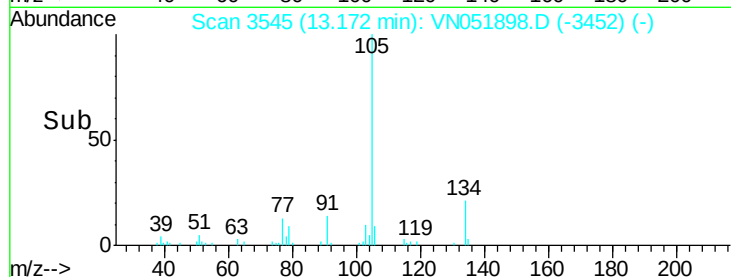
15000

10000

5000

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 1.19 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

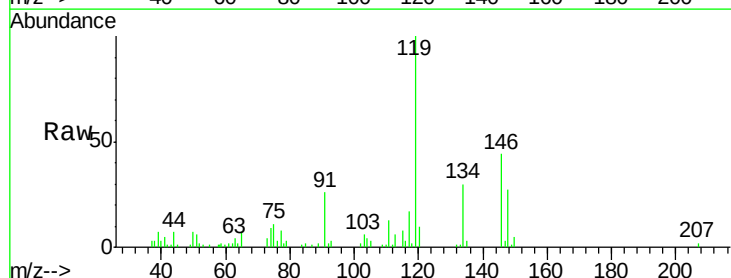
Tgt Ion:119 Resp: 28529

Ion Ratio Lower Upper

119 100

134 29.1 13.7 41.0

91 23.1 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

13.29

20000

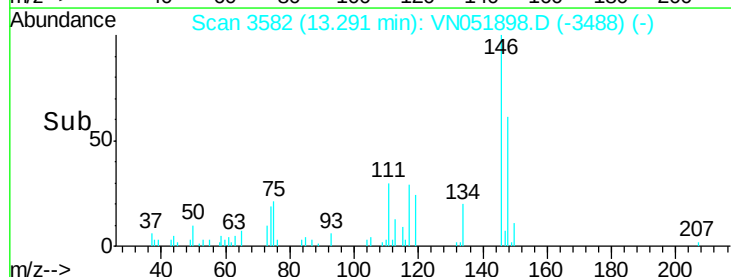
15000

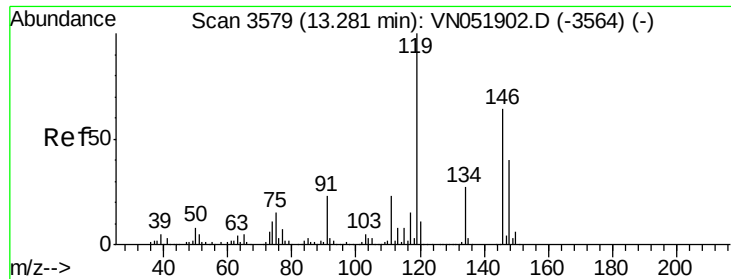
10000

5000

0

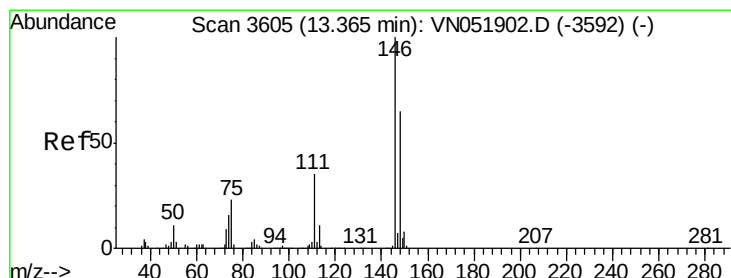
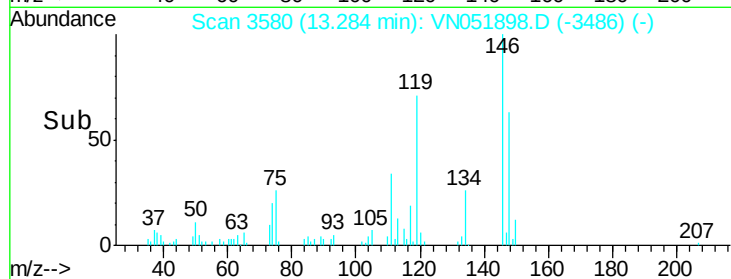
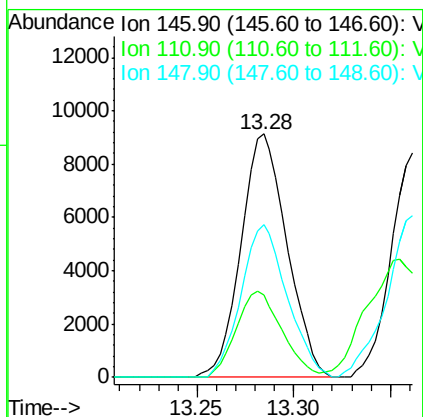
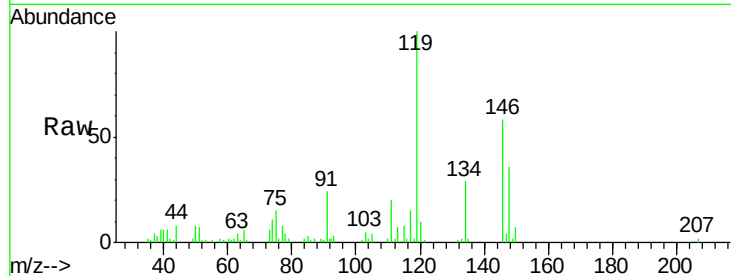
Time--> 13.25 13.30 13.35





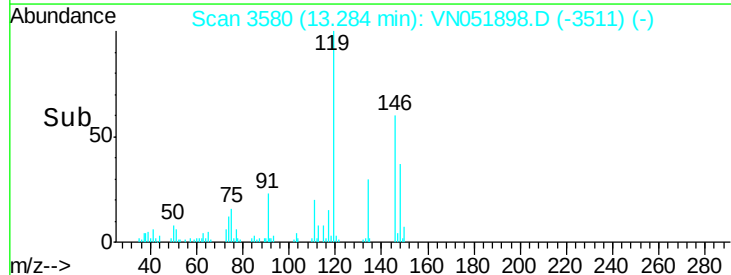
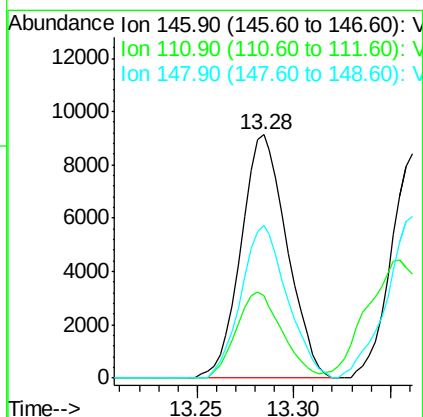
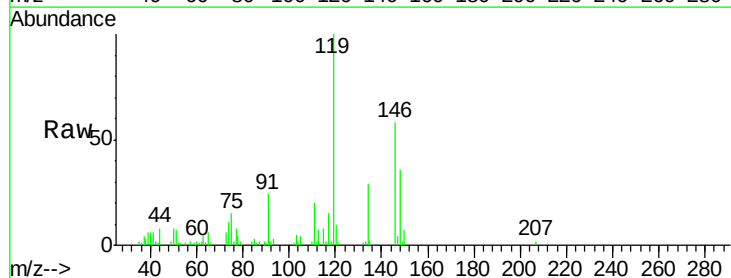
#87
 1,3-Dichlorobenzene
 Concen: 1.26 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

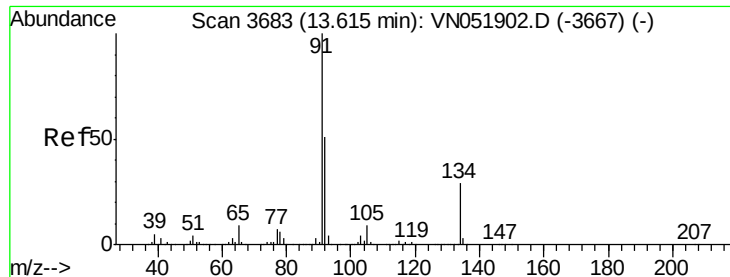
Tot Ion:146 Resp: 15081
 Ion Ratio Lower Upper
 146 100
 111 35.3 19.1 57.3
 148 62.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 1.30 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

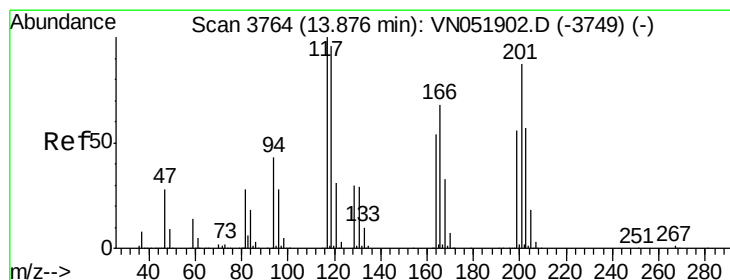
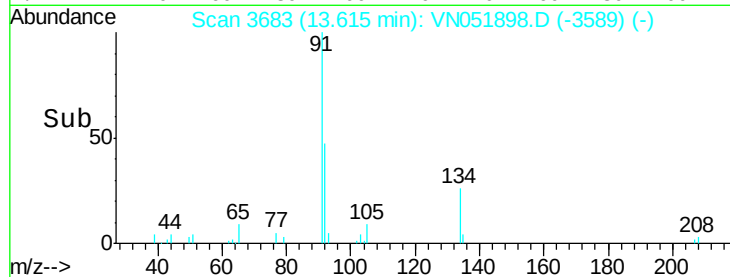
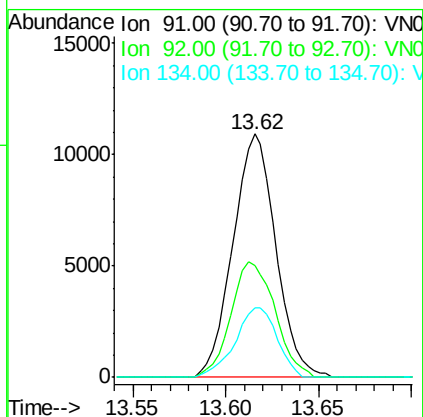
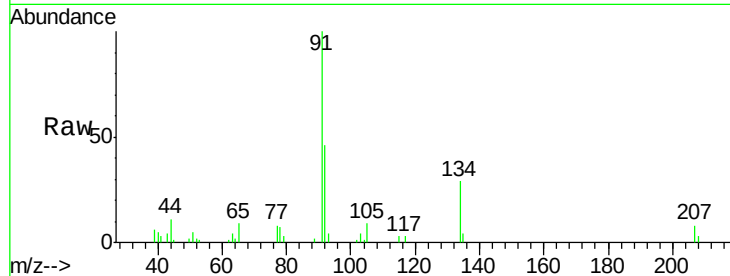
Tgt Ion:146 Resp: 15081
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.8 56.3
 148 62.9 32.2 96.6





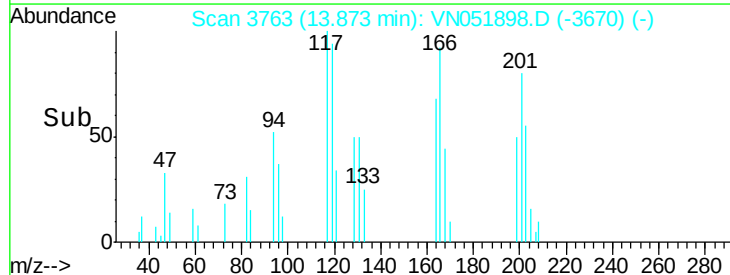
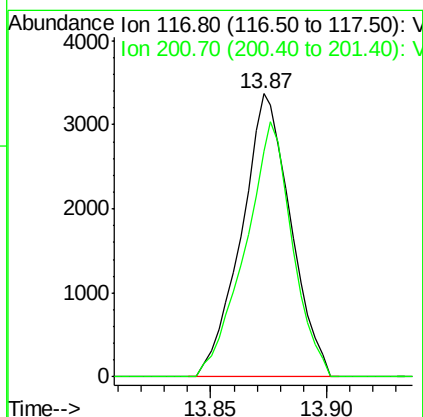
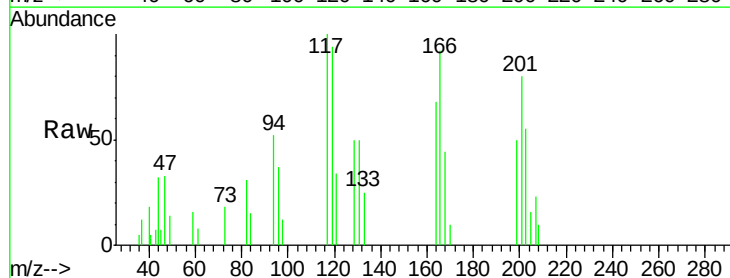
#89
n-Butylbenzene
Concen: 0.94 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

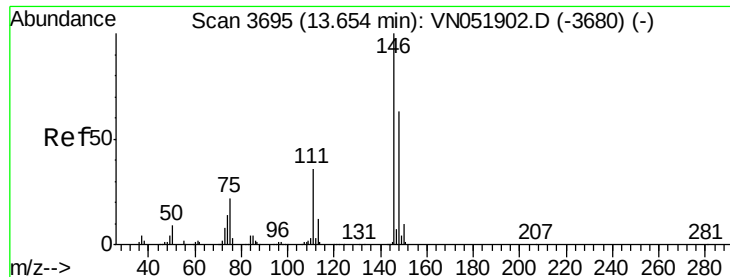
Tot Ion: 91 Resp: 17540
Ion Ratio Lower Upper
91 100
92 48.7 26.1 78.2
134 28.0 13.2 39.6



#90
Hexachloroethane
Concen: 1.22 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051898.D
Acq: 17 Oct 2018 8:57

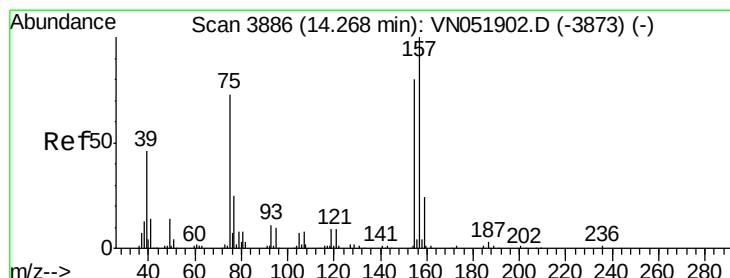
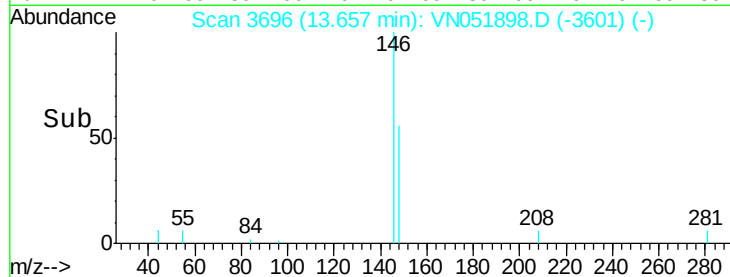
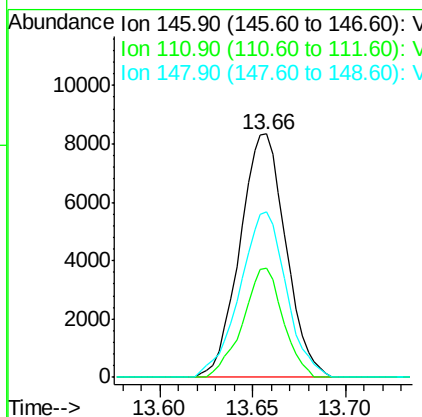
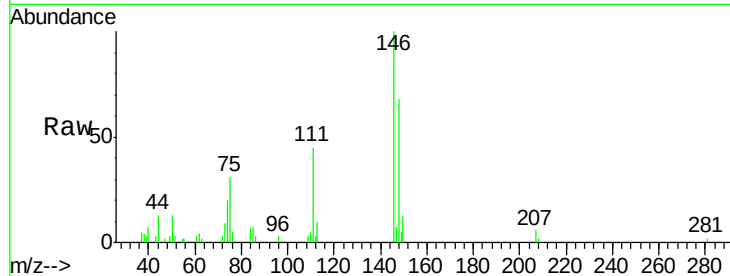
Tgt Ion: 117 Resp: 4980
Ion Ratio Lower Upper
117 100
201 85.9 46.0 137.8





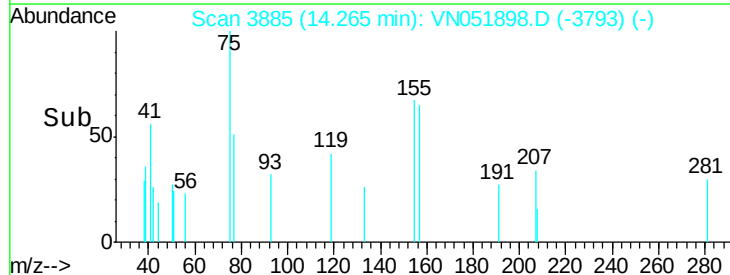
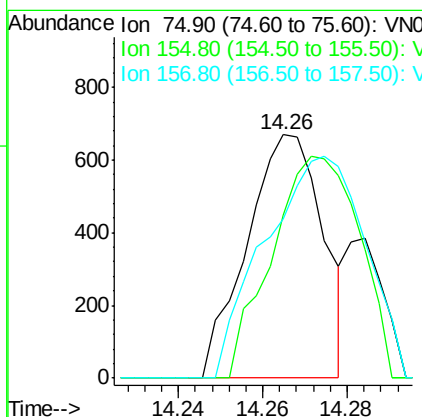
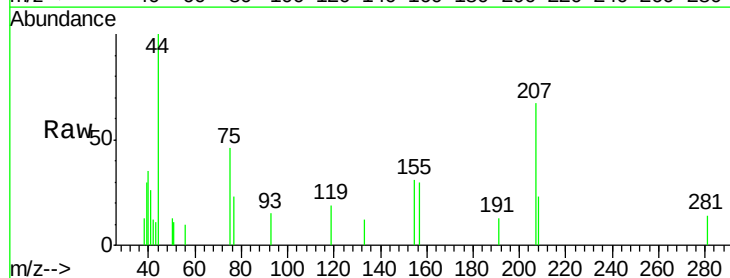
#91
 1,2-Dichlorobenzene
 Concen: 1.24 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.01 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

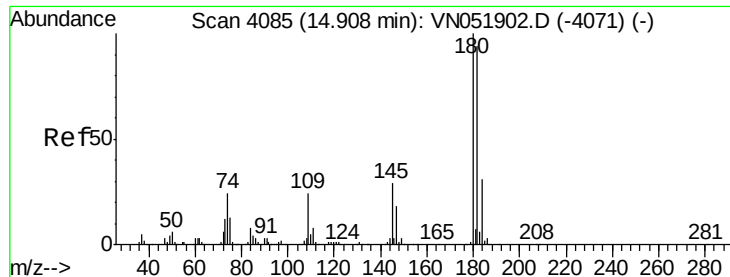
Tot Ion:146	Resp:	14319	
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.8	59.3
148	68.8	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.11 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

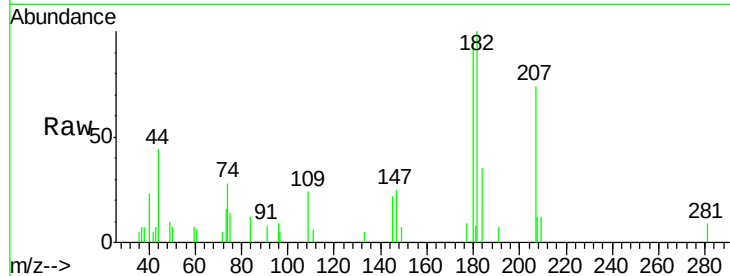
Tgt Ion: 75	Resp: 838
Ion Ratio	Lower Upper
75 100	
155 104.8	46.4 139.1
157 120.5	60.7 182.0



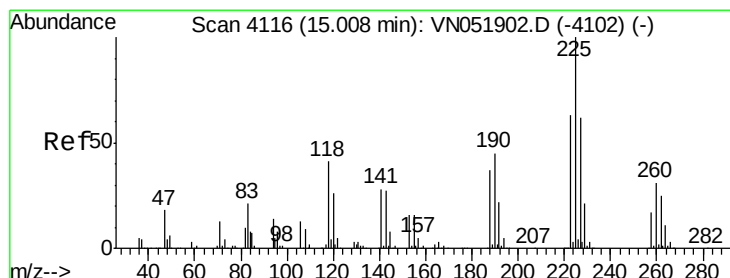
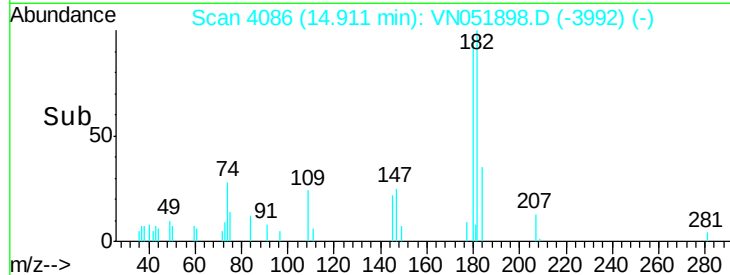
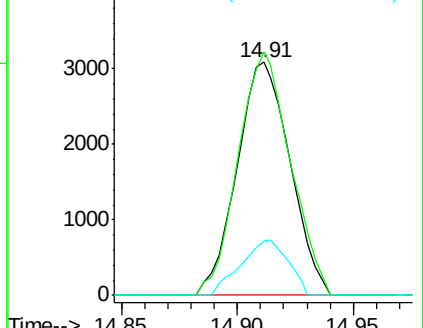


#93
 1,2,4-Trichlorobenzene
 Concen: 0.91 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

Tot Ion:180 Resp: 4910
 Ion Ratio Lower Upper
 180 100
 182 103.0 48.2 144.6
 145 21.1 14.1 42.2

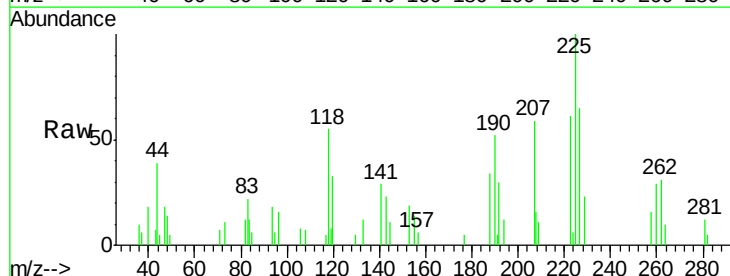


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

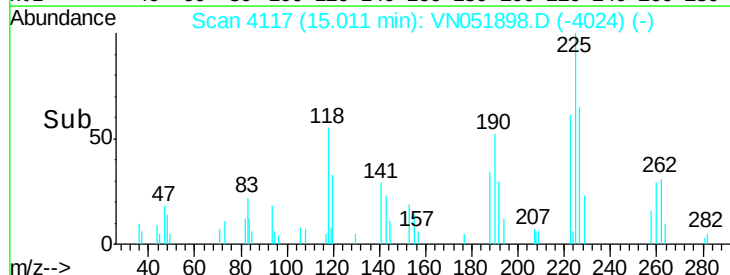
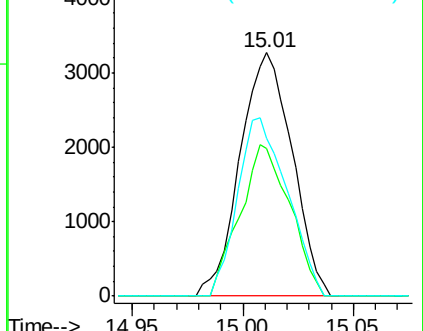


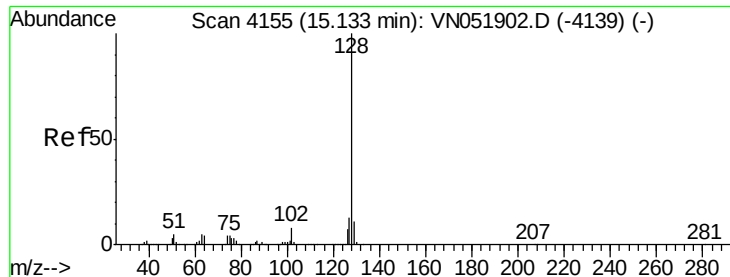
#94
 Hexachlorobutadiene
 Concen: 1.49 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051898.D
 Acq: 17 Oct 2018 8:57

Tgt Ion:225 Resp: 5347
 Ion Ratio Lower Upper
 225 100
 223 59.5 31.3 93.8
 227 69.9 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: 1.10 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

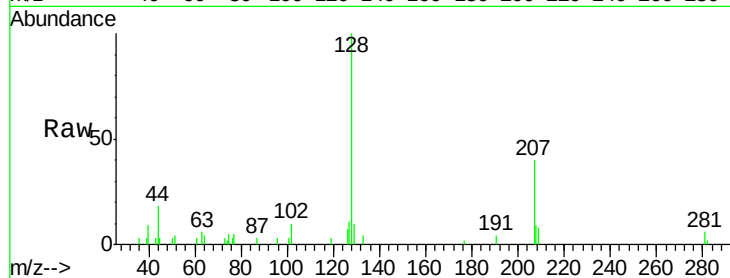
Tot Ion:128 Resp: 11111

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

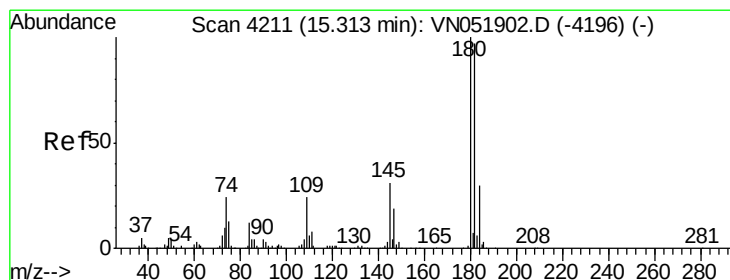
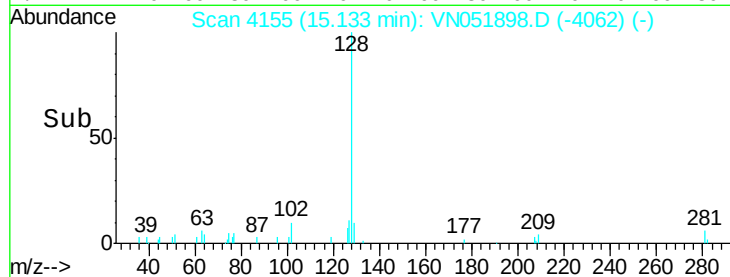
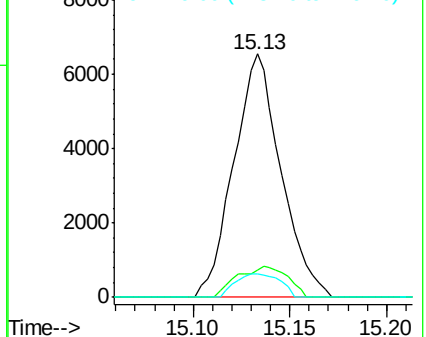
129 9.1 8.7 13.1



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: 1.17 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN051898.D

Acq: 17 Oct 2018 8:57

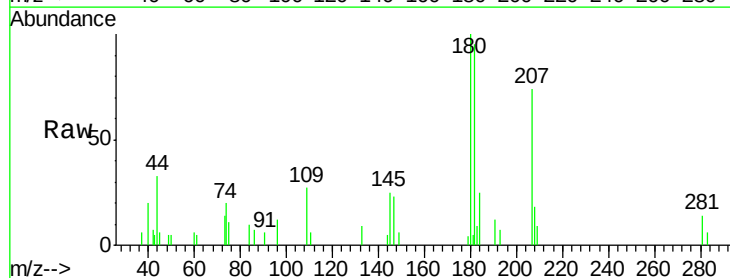
Tgt Ion:180 Resp: 5925

Ion Ratio Lower Upper

180 100

182 97.1 48.0 144.2

145 27.6 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

