

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101718\
 Data File : VN051901.D
 Acq On : 17 Oct 2018 10:10
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Quant Time: Oct 17 12:08:33 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	919527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1355864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1241154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	639507	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	427360	44.13	ug/l	0.00
Spiked Amount			Recovery	=	88.26%	
35) Dibromofluoromethane	7.59	113	430187	41.68	ug/l	0.00
Spiked Amount			Recovery	=	83.36%	
50) Toluene-d8	10.09	98	1570504	40.90	ug/l	0.00
Spiked Amount			Recovery	=	81.80%	
62) 4-Bromofluorobenzene	12.40	95	541896	41.72	ug/l	0.00
Spiked Amount			Recovery	=	83.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	267178	53.41	ug/l	100
3) Chloromethane	2.06	50	264321	51.40	ug/l	100
4) Vinyl Chloride	2.18	62	407079	53.27	ug/l	98
5) Bromomethane	2.56	94	345714	53.60	ug/l	98
6) Chloroethane	2.70	64	301802	52.47	ug/l	99
7) Trichlorofluoromethane	3.01	101	611558	50.53	ug/l	99
8) Diethyl Ether	3.41	74	192547	52.92	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.76	101	368100	49.16	ug/l	99
10) Methyl Iodide	3.95	142	463691	54.53	ug/l	96
11) Tert butyl alcohol	4.79	59	128173	286.28	ug/l	100
12) 1,1-Dichloroethene	3.74	96	335782	50.95	ug/l	90
13) Acrolein	3.61	56	90249	287.16	ug/l	99
14) Allyl chloride	4.33	41	381239	49.48	ug/l #	77
15) Acrylonitrile	4.99	53	496341	277.06	ug/l	99
16) Acetone	3.82	43	370487	224.69	ug/l	97
17) Carbon Disulfide	4.05	76	804104	48.56	ug/l	99
18) Methyl Acetate	4.33	43	241683	55.46	ug/l #	87
19) Methyl tert-butyl Ether	5.05	73	989563	52.41	ug/l	93
20) Methylene Chloride	4.55	84	375472	51.06	ug/l	87
21) trans-1,2-Dichloroethene	5.04	96	384640	51.09	ug/l	87
22) Diisopropyl ether	5.96	45	864456	50.12	ug/l #	90
23) Vinyl Acetate	5.90	43	3078044	257.12	ug/l #	91
24) 1,1-Dichloroethane	5.85	63	620901	50.76	ug/l	97
25) 2-Butanone	6.84	43	567305	256.12	ug/l #	89
26) 2,2-Dichloropropane	6.82	77	600757	48.72	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	453840	50.80	ug/l	88
28) Bromochloromethane	7.20	49	254884	51.50	ug/l #	60
29) Tetrahydrofuran	7.21	42	344289	273.77	ug/l #	77
30) Chloroform	7.37	83	748399	50.68	ug/l	98
31) Cyclohexane	7.65	56	508868	48.89	ug/l #	79
32) 1,1,1-Trichloroethane	7.57	97	699508	50.28	ug/l	96
36) 1,1-Dichloropropene	7.79	75	524360	48.36	ug/l	95
37) Ethyl Acetate	6.93	43	250647	51.45	ug/l #	96
38) Carbon Tetrachloride	7.77	117	625468	47.97	ug/l	99

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

39) Methylcyclohexane	9.08	83	667304	47.64	ug/l #	87
40) Benzene	8.04	78	1566802	48.66	ug/l	100
41) Methacrylonitrile	7.17	41	104657	44.04	ug/l #	65
42) 1,2-Dichloroethane	8.13	62	506444	49.66	ug/l	100
43) Isopropyl Acetate	8.17	43	498532	51.58	ug/l #	84
44) Trichloroethene	8.84	130	490705	48.82	ug/l	95
45) 1,2-Dichloropropane	9.12	63	367055	49.31	ug/l	100
46) Dibromomethane	9.21	93	282349	50.51	ug/l	98
47) Bromodichloromethane	9.40	83	569109	48.58	ug/l	98
48) Methyl methacrylate	9.20	41	228764	52.64	ug/l #	76
49) 1,4-Dioxane	9.20	88	86261	1103.05	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	1321490	265.74	ug/l	95
52) Toluene	10.16	92	1087663	49.57	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	557418	48.45	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	610577	48.45	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	397489	50.72	ug/l	96
56) Ethyl methacrylate	10.43	69	458290	51.75	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	606206	50.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	966426	256.46	ug/l #	87
59) 2-Hexanone	10.75	43	886027	253.19	ug/l	96
60) Dibromochloromethane	10.90	129	487757	49.69	ug/l	100
61) 1,2-Dibromoethane	11.01	107	424382	51.87	ug/l	99
64) Tetrachloroethene	10.63	164	496228	50.26	ug/l	99
65) Chlorobenzene	11.43	112	1252786	50.74	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	490518	51.47	ug/l	99
67) Ethyl Benzene	11.51	91	2100144	50.90	ug/l	96
68) m/p-Xylenes	11.62	106	1731419	102.95	ug/l	94
69) o-Xylene	11.95	106	846012	51.41	ug/l	93
70) Styrene	11.96	104	1324587	51.14	ug/l	98
71) Bromoform	12.13	173	323646	52.00	ug/l #	99
73) Isopropylbenzene	12.25	105	2262796	52.32	ug/l	98
74) N-amyl acetate	12.07	43	423035	56.35	ug/l	95
75) 1,1,1,2-Tetrachloroethane	12.50	83	468405	56.52	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	559909	86.16	ug/l #	100
77) Bromobenzene	12.53	156	589971	53.98	ug/l	84
78) n-propylbenzene	12.59	91	2445419	51.80	ug/l	95
79) 2-Chlorotoluene	12.67	91	1417520	52.23	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	1891262	52.22	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	119750	53.14	ug/l	98
82) 4-Chlorotoluene	12.77	91	1433852	52.17	ug/l	95
83) tert-Butylbenzene	12.99	119	1722150	51.92	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1910324	52.01	ug/l	97
85) sec-Butylbenzene	13.17	105	2298048	52.24	ug/l	98
86) p-Isopropyltoluene	13.29	119	2080687	52.15	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1055584	53.11	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1020708	53.26	ug/l	98
89) n-Butylbenzene	13.62	91	1586353	51.19	ug/l	98
90) Hexachloroethane	13.88	117	340030	50.07	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	1024289	53.45	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	69155	55.15	ug/l	85

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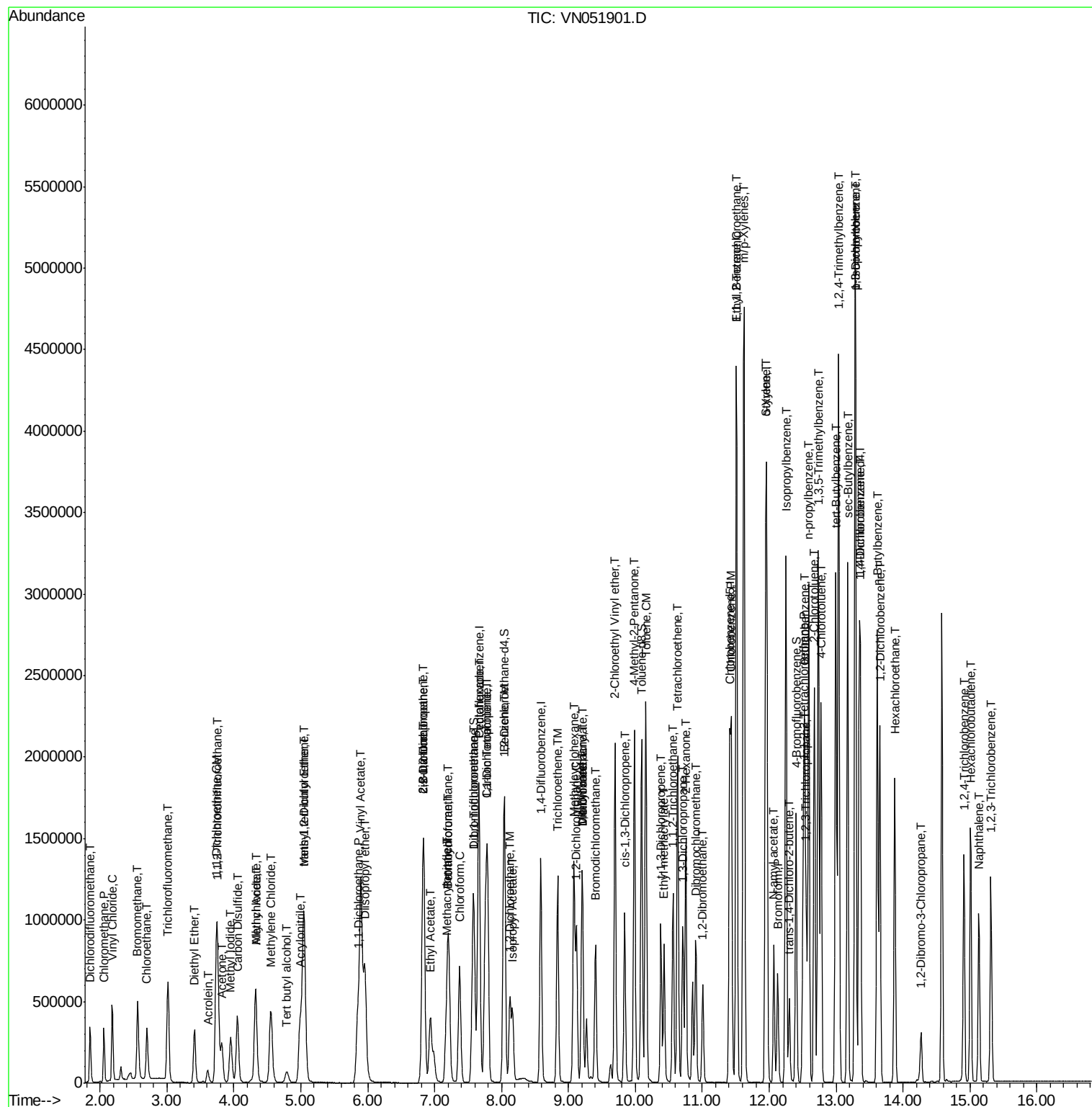
Quant Time: Oct 17 12:08:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
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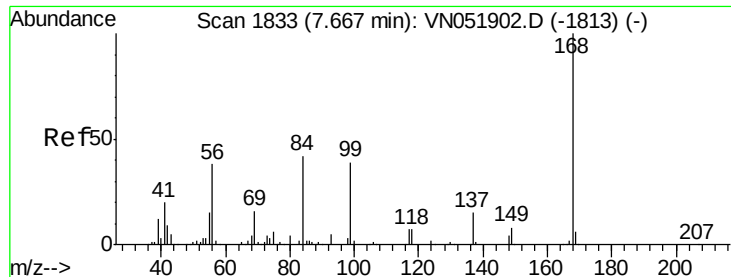
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	470857	52.93	ug/l	98
94) Hexachlorobutadiene	15.01	225	305678	51.27	ug/l	99
95) Naphthalene	15.13	128	945809	56.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	461627	54.94	ug/l	100

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

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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: VN051901.D

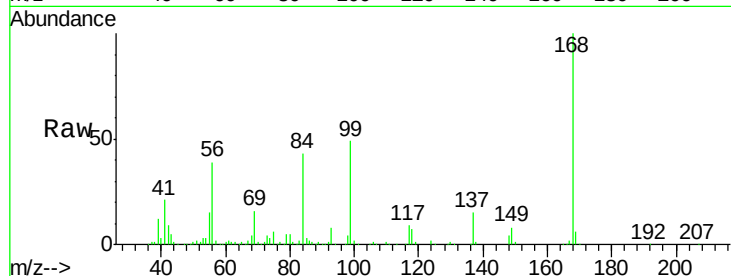
Acq: 17 Oct 2018 10:10

Tot Ion:168 Resp: 919527

Ion Ratio Lower Upper

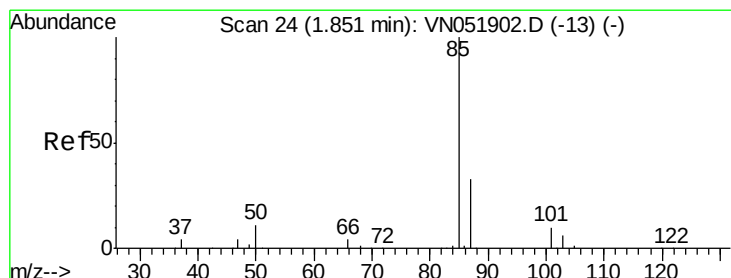
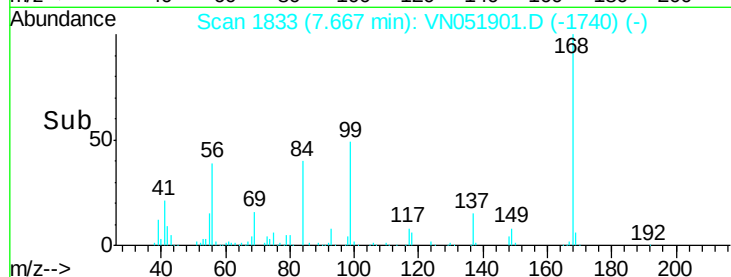
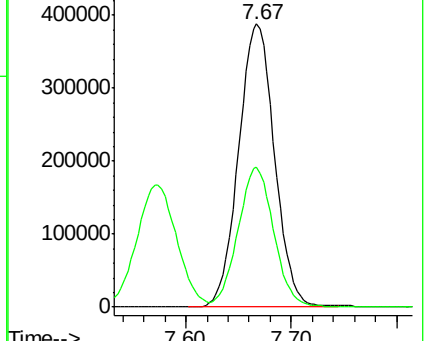
168 100

99 49.0 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: 53.41 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.01 min

Lab File: VN051901.D

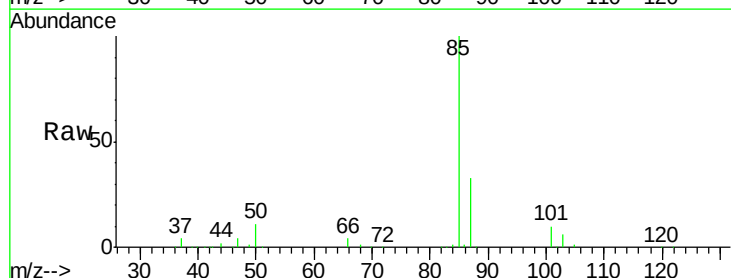
Acq: 17 Oct 2018 10:10

Tgt Ion: 85 Resp: 267178

Ion Ratio Lower Upper

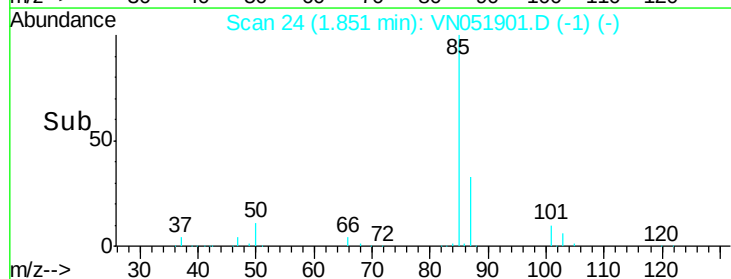
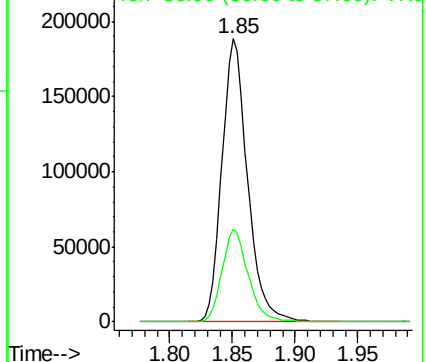
85 100

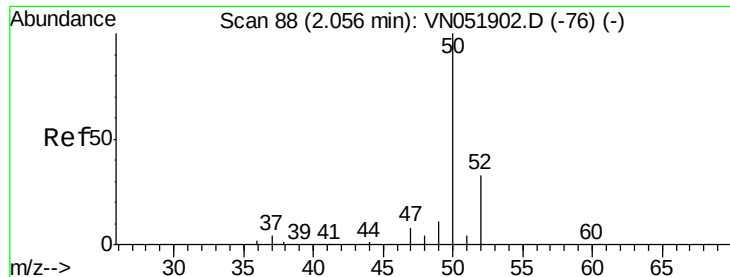
87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 51.40 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.01 min

Lab File: VN051901.D

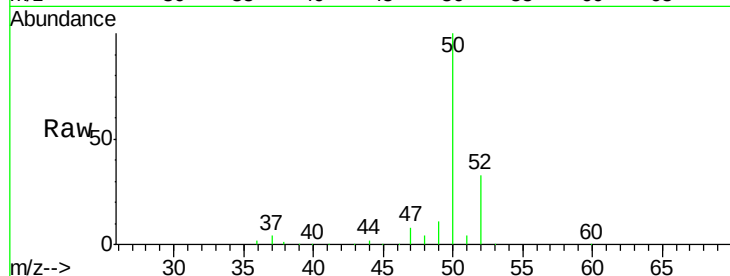
Acq: 17 Oct 2018 10:10

Tot Ion: 50 Resp: 264321

Ion Ratio Lower Upper

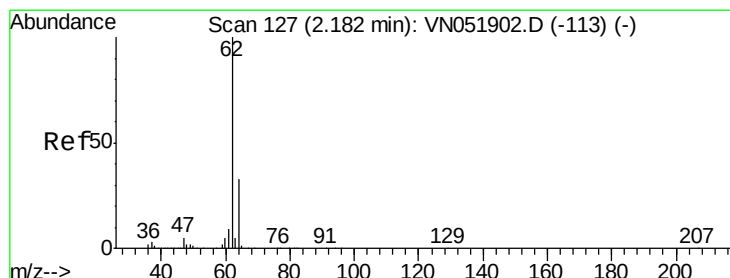
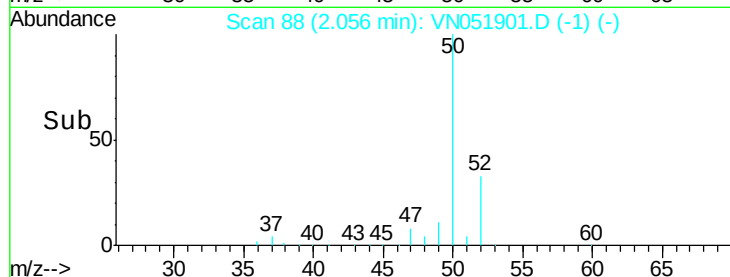
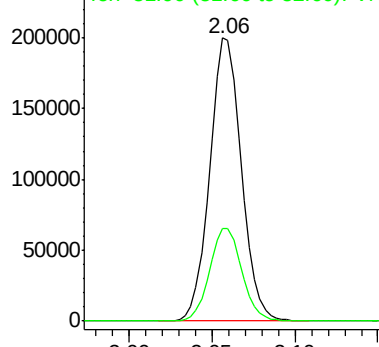
50 100

52 32.9 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 53.27 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.01 min

Lab File: VN051901.D

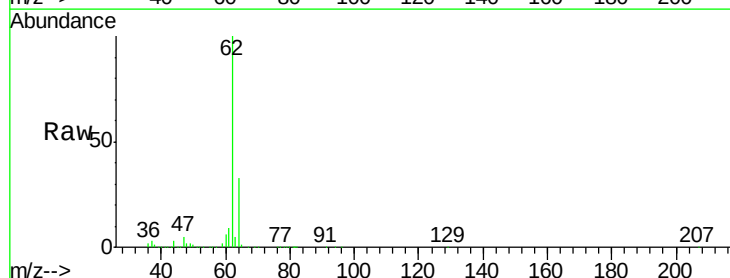
Acq: 17 Oct 2018 10:10

Tgt Ion: 62 Resp: 407079

Ion Ratio Lower Upper

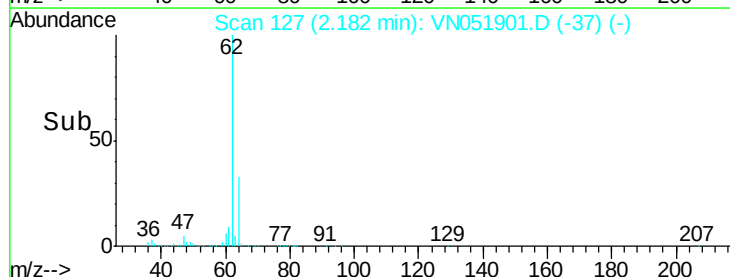
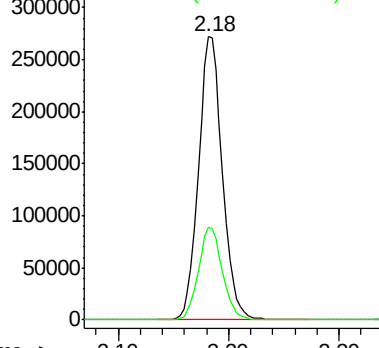
62 100

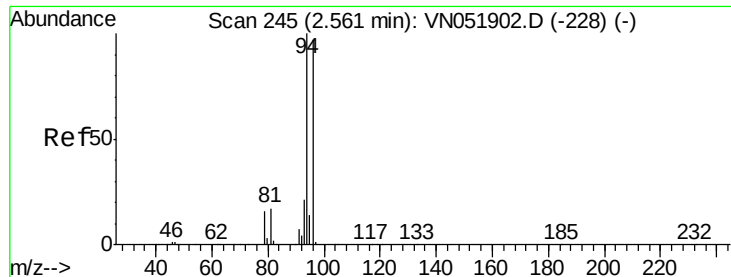
64 32.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 53.60 ug/l

RT: 2.56 min Scan# 245

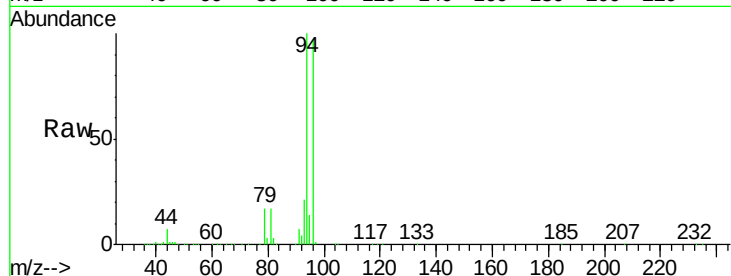
Delta R.T. -0.01 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tot Ion: 94 Resp: 345714

Ion	Ratio	Lower	Upper
94	100		
96	96.9	76.2	114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

150000

100000

50000

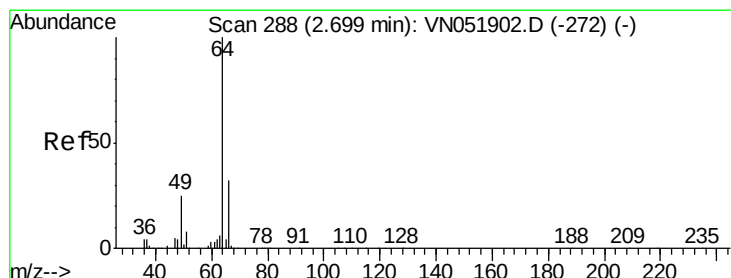
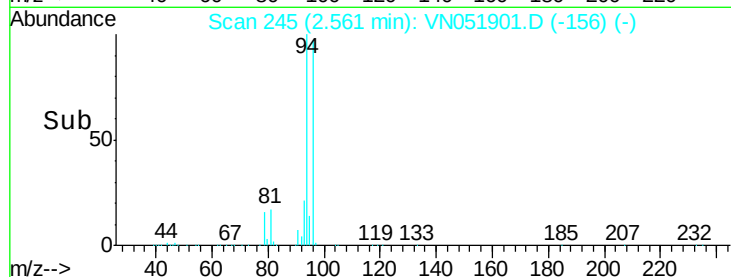
0

Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 52.47 ug/l

RT: 2.70 min Scan# 288

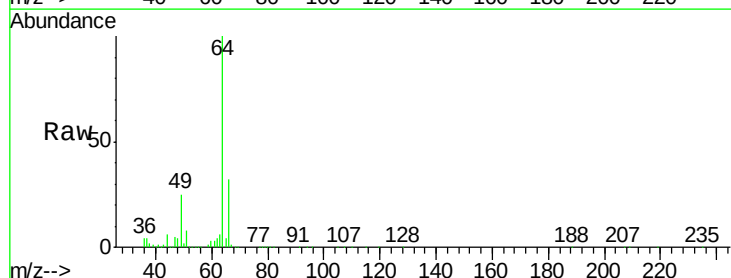
Delta R.T. -0.01 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion: 64 Resp: 301802

Ion	Ratio	Lower	Upper
64	100		
66	32.4	25.3	37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

150000

100000

50000

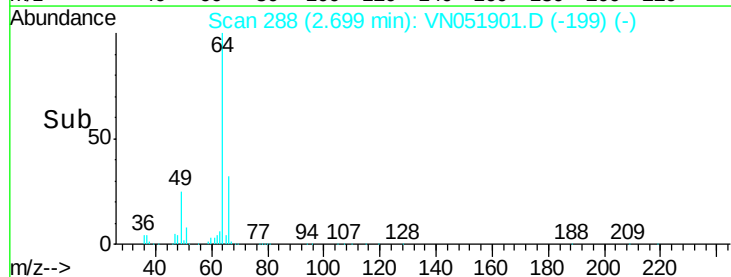
0

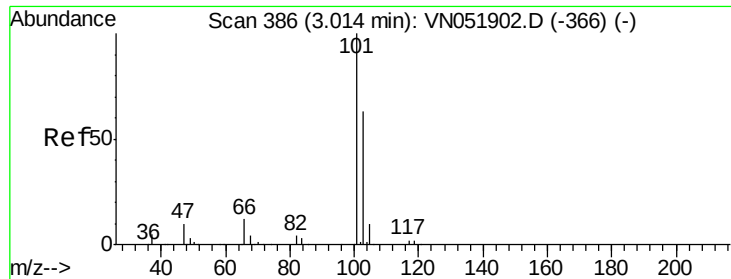
Time-->

2.60

2.70

2.80

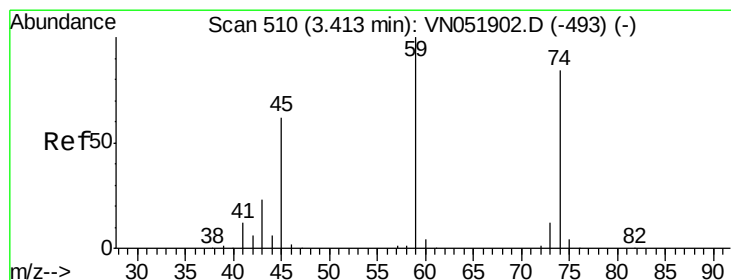
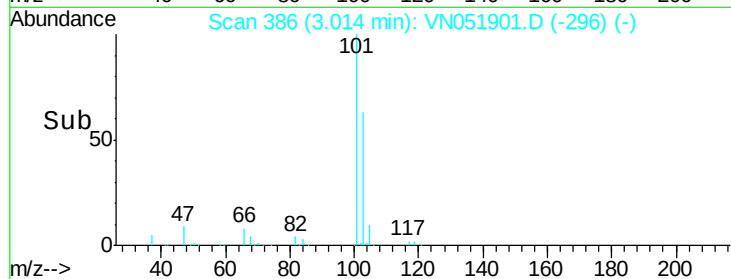
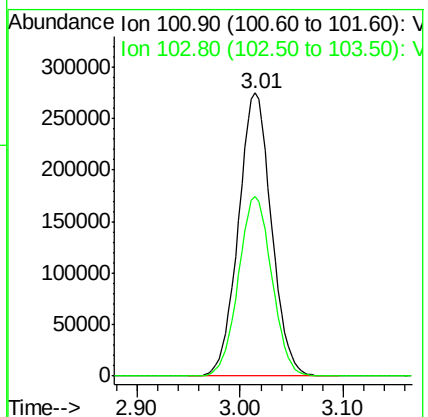
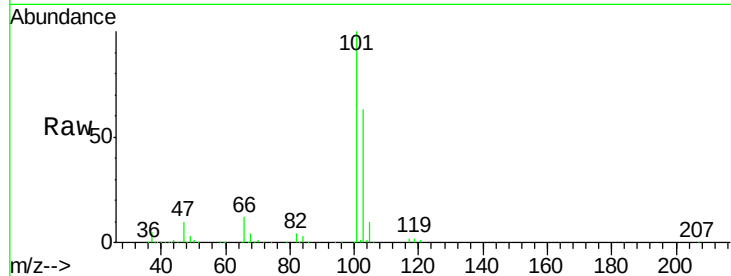




#7

Trichlorofluoromethane
Concen: 50.53 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.01 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

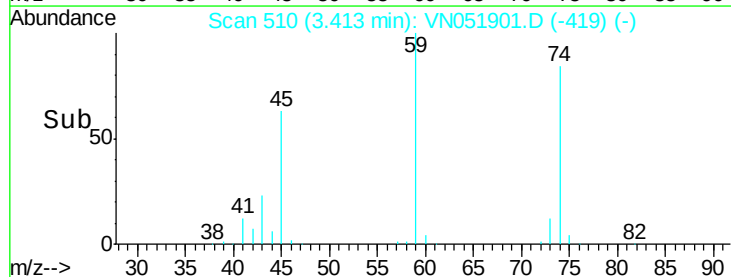
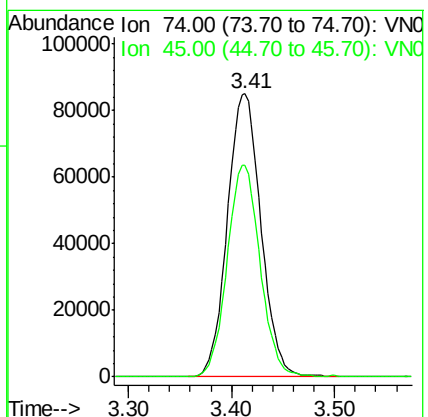
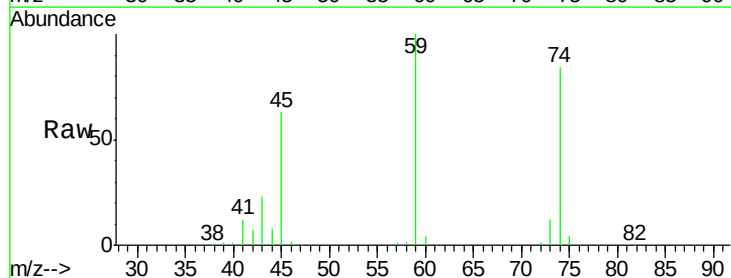
Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.6	77.4

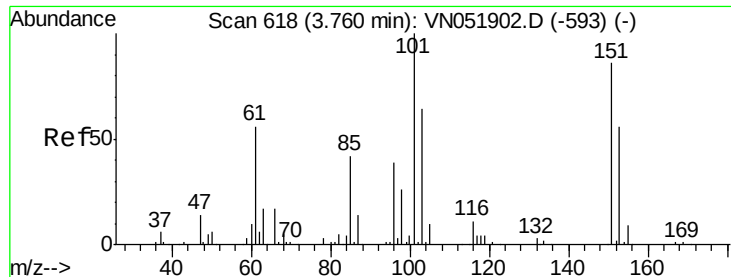


#8

Diethyl Ether
Concen: 52.92 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.01 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.5	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.16 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

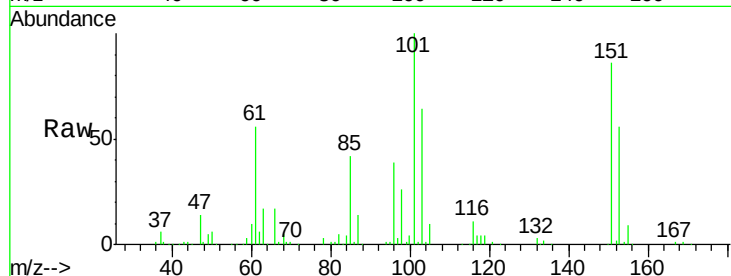
Tot Ion:101 Resp: 368100

Ion Ratio Lower Upper

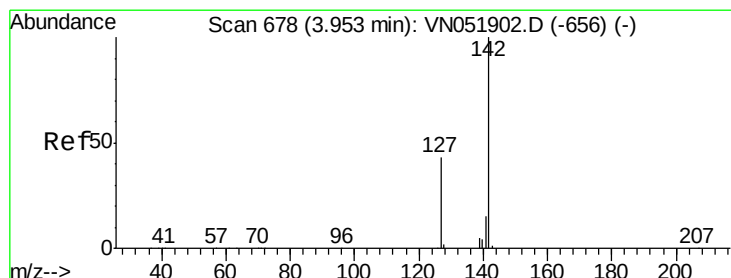
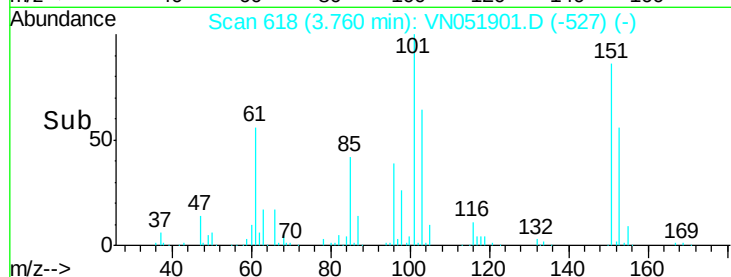
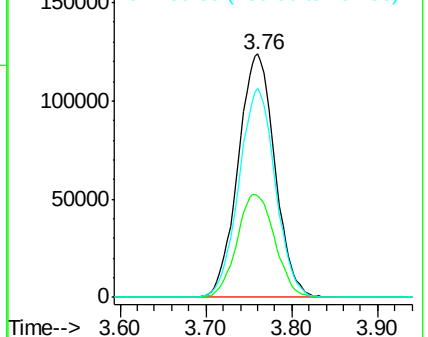
101 100

85 43.5 33.7 50.5

151 85.0 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: 54.53 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.01 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

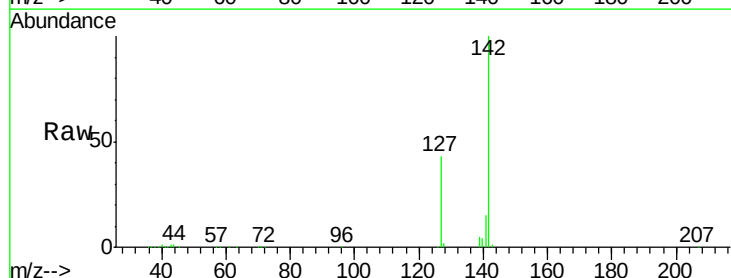
Tgt Ion:142 Resp: 463691

Ion Ratio Lower Upper

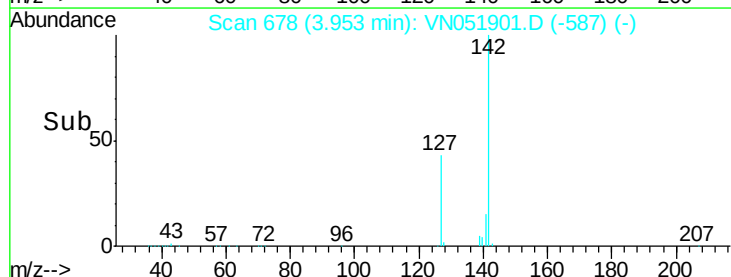
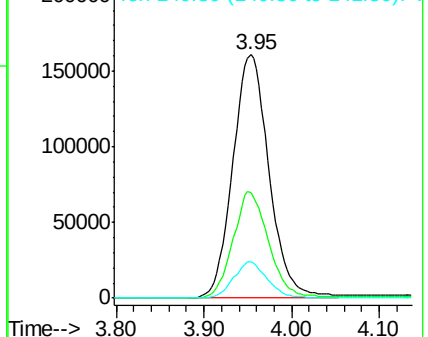
142 100

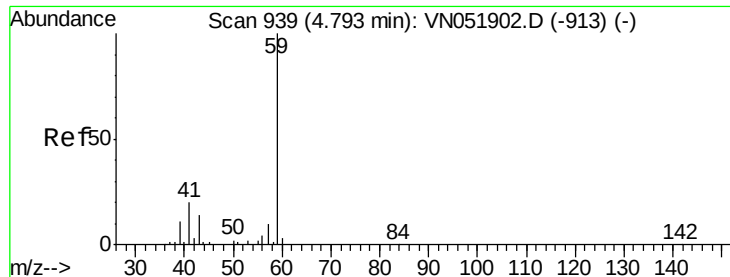
127 42.9 31.7 47.5

141 13.9 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

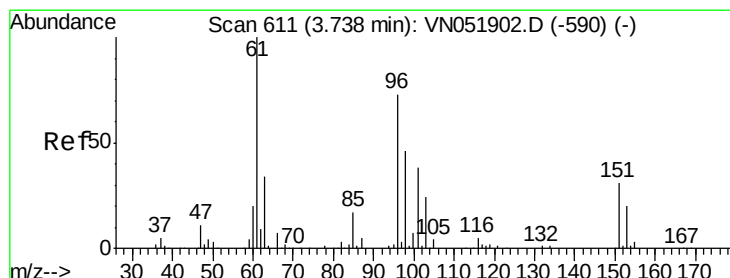
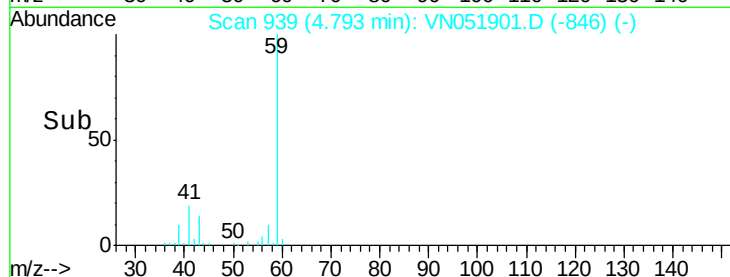
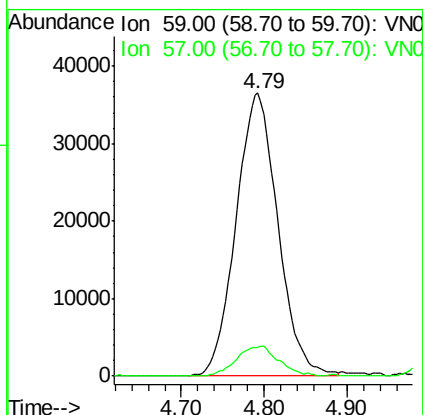
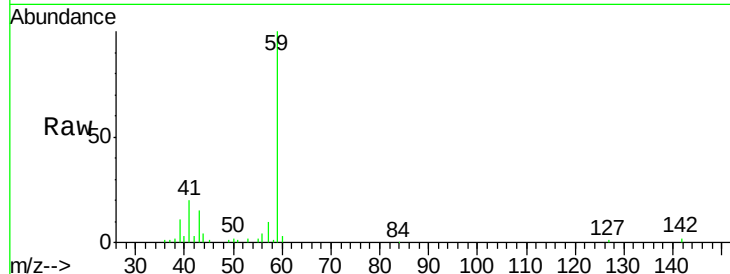




#11

Tert butyl alcohol
Concen: 286.28 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

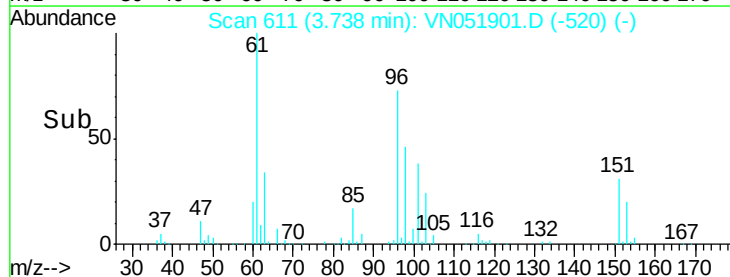
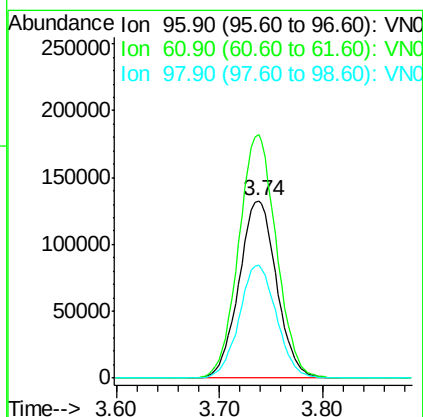
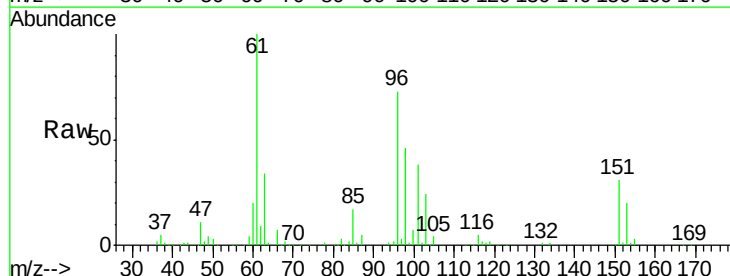
Tot Ion: 59 Resp: 128173
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

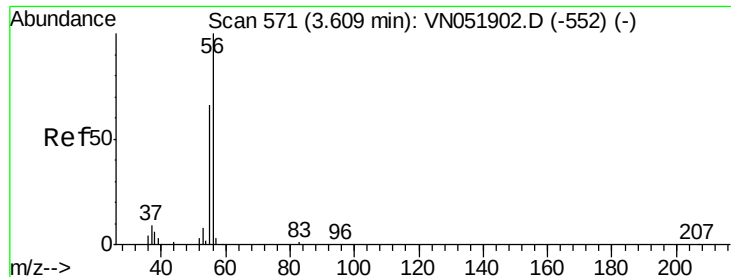


#12

1,1-Dichloroethene
Concen: 50.95 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.01 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion: 96 Resp: 335782
Ion Ratio Lower Upper
96 100
61 137.2 124.9 187.3
98 63.6 51.1 76.7





#13

Acrolein

Concen: 287.16 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051901.D

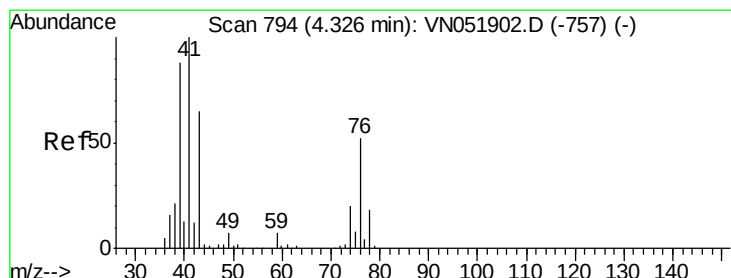
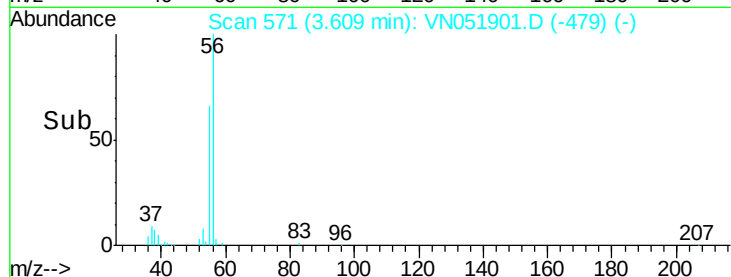
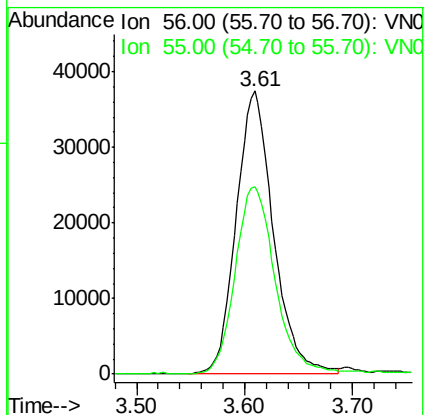
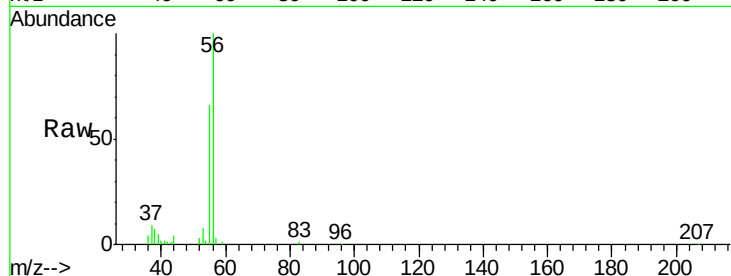
Acq: 17 Oct 2018 10:10

Tot Ion: 56 Resp: 90249

Ion Ratio Lower Upper

56 100

55 70.9 57.7 86.5



#14

Allyl chloride

Concen: 49.48 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.01 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

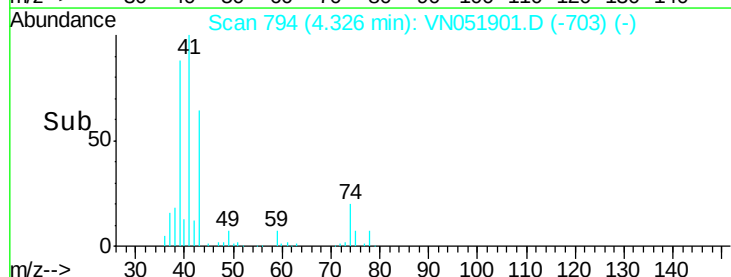
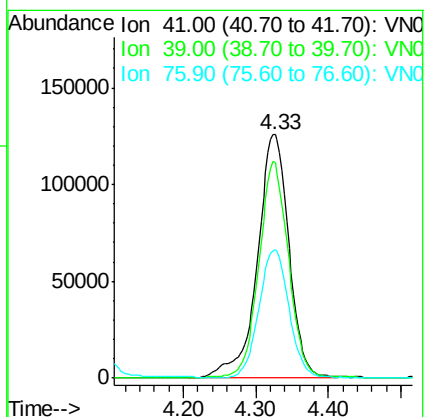
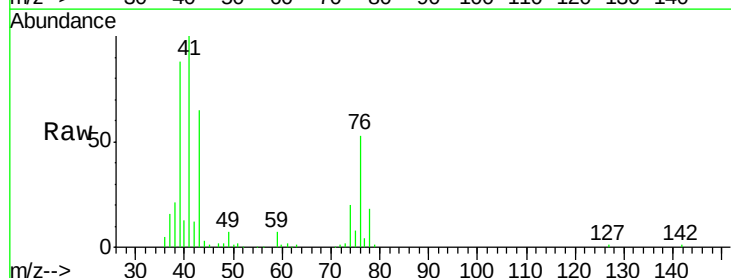
Tgt Ion: 41 Resp: 381239

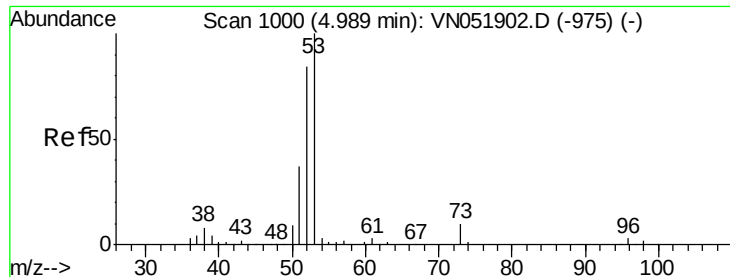
Ion Ratio Lower Upper

41 100

39 81.7 50.2 75.2#

76 49.5 29.8 44.8#





#15

Acrylonitrile

Concen: 277.06 ug/l

RT: 4.99 min Scan# 1000

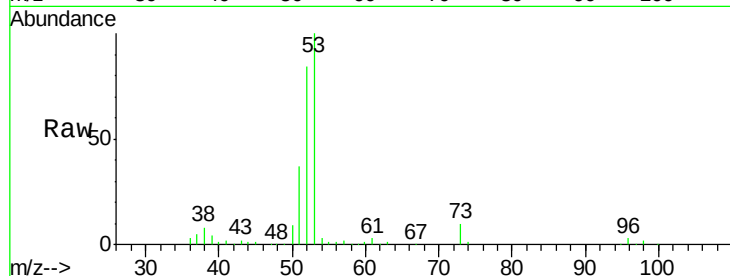
Delta R.T. -0.01 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tot Ion: 53 Resp: 496341

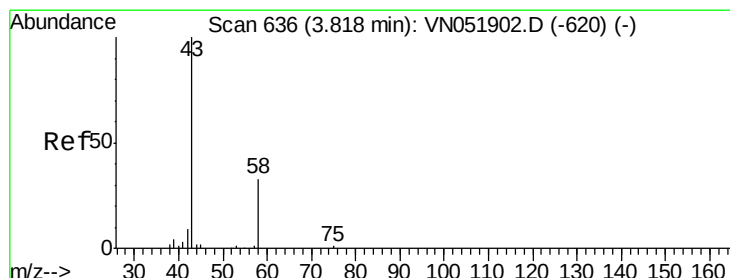
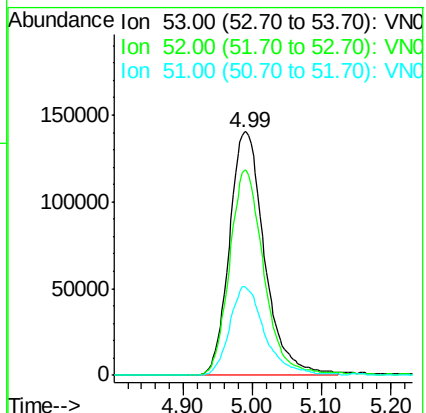
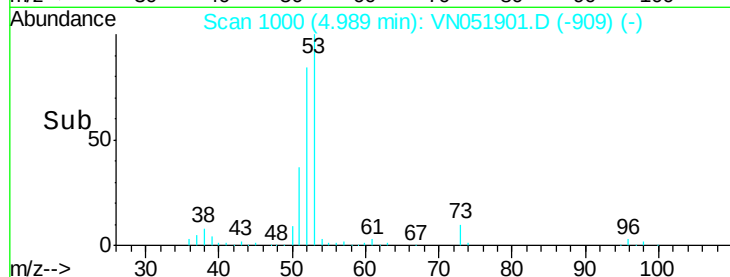
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.9	98.9
51	36.8	28.6	43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 224.69 ug/l

RT: 3.82 min Scan# 636

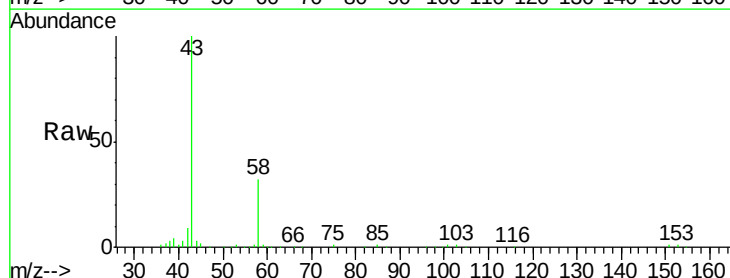
Delta R.T. -0.01 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

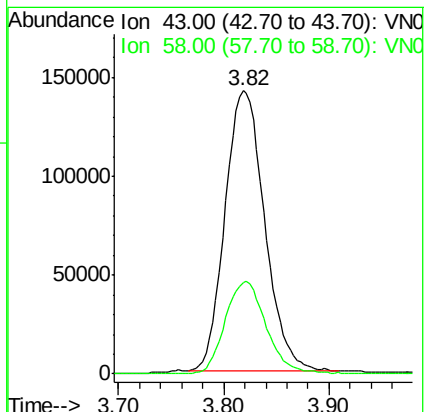
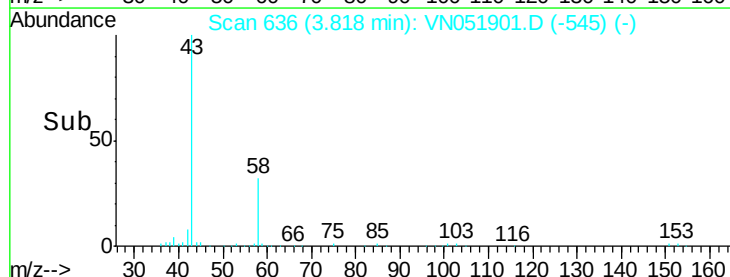
Tgt Ion: 43 Resp: 370487

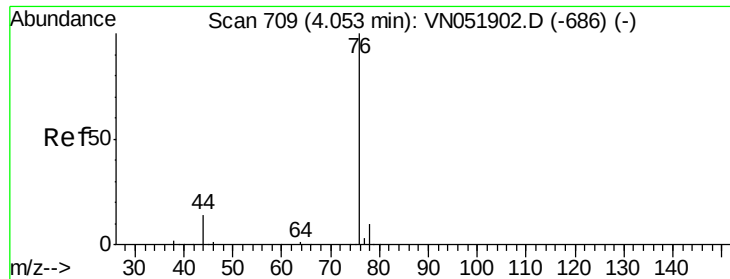
Ion	Ratio	Lower	Upper
43	100		
58	32.4	27.2	40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

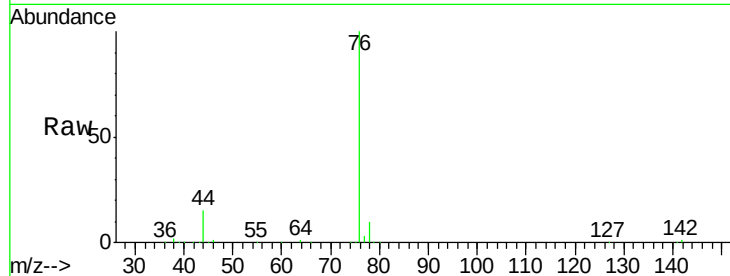
Ion 58.00 (57.70 to 58.70): VN0



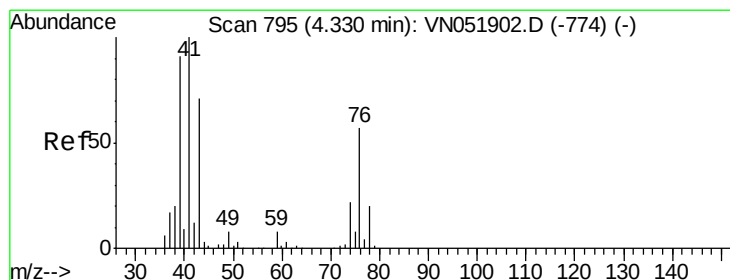
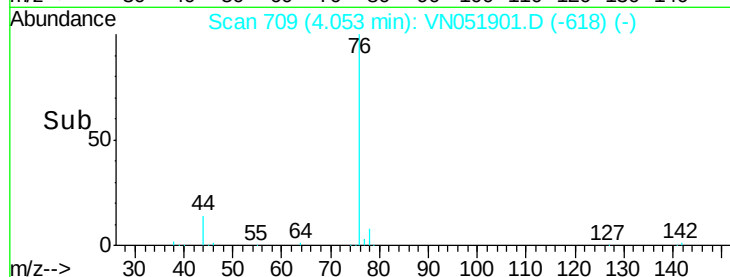
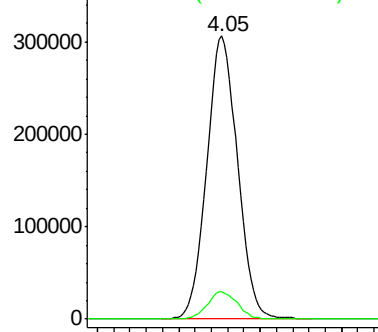


#17
Carbon Disulfide
Concen: 48.56 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.01 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tot Ion: 76 Resp: 804104
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

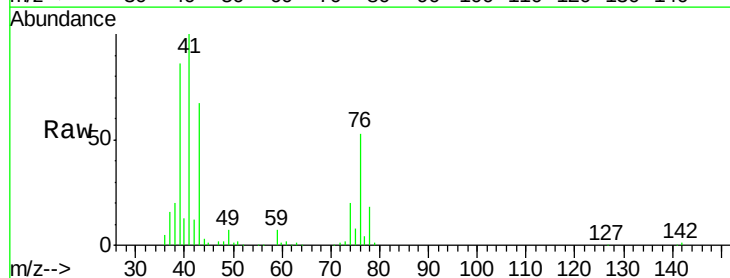


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

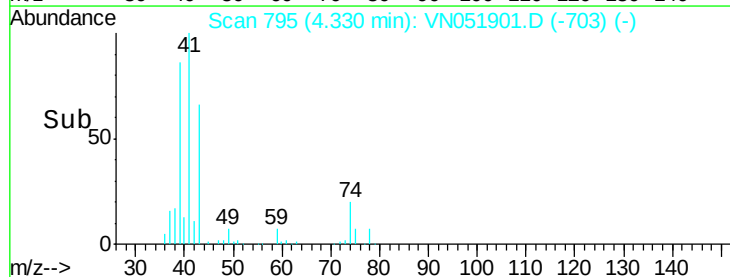
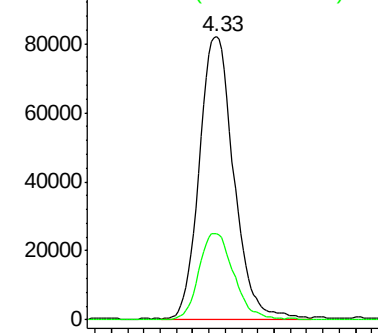


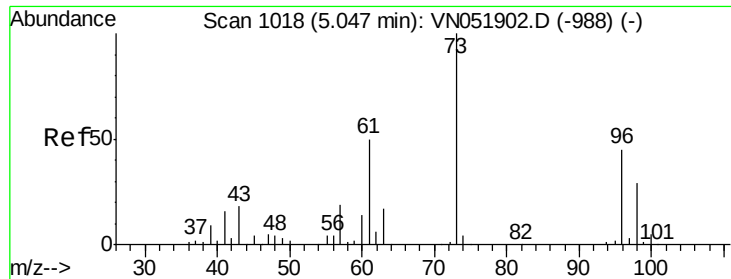
#18
Methyl Acetate
Concen: 55.46 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion: 43 Resp: 241683
Ion Ratio Lower Upper
43 100
74 31.1 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

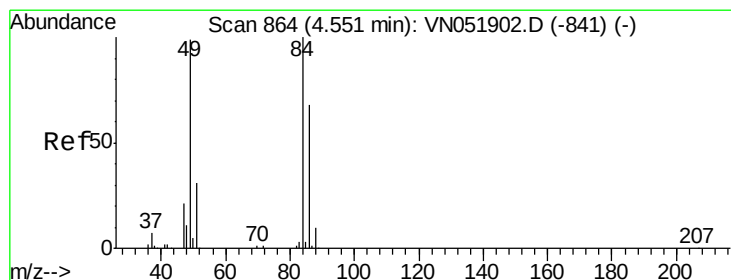
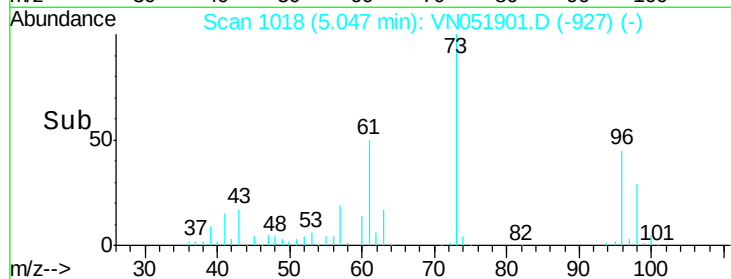
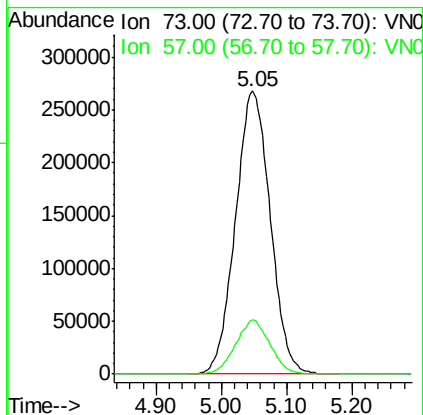
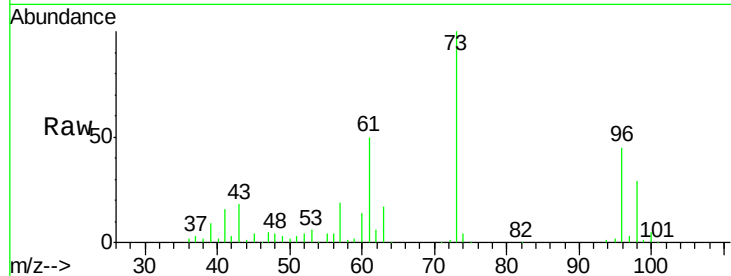




#19

Methvl tert-butvl Ether
 Concen: 52.41 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

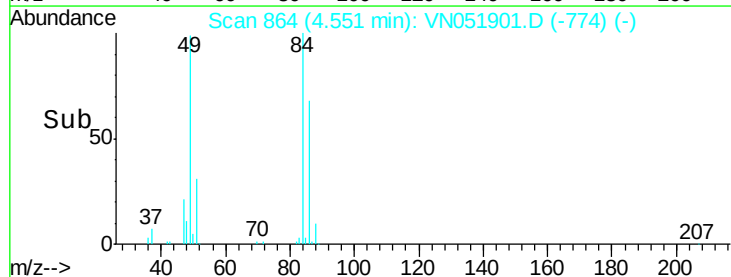
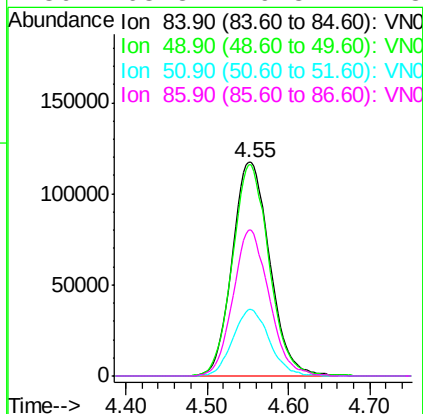
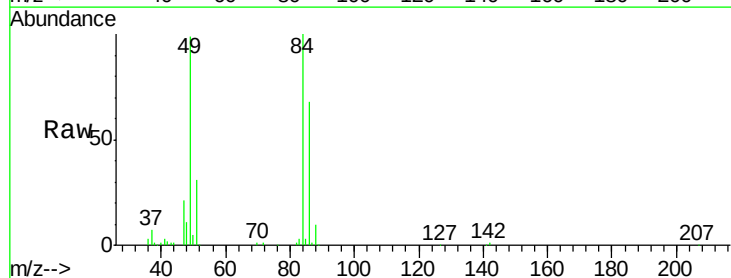
Tot Ion: 73 Resp: 989563
 Ion Ratio Lower Upper
 73 100
 57 19.1 17.8 26.8

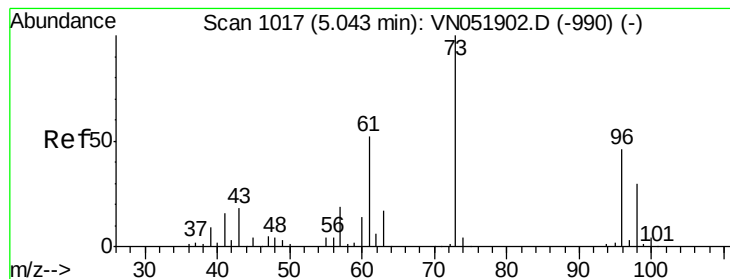


#20

Methylene Chloride
 Concen: 51.06 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 84 Resp: 375472
 Ion Ratio Lower Upper
 84 100
 49 98.7 93.2 139.8
 51 31.1 29.0 43.6
 86 68.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 51.09 ug/l

RT: 5.04 min Scan# 1017

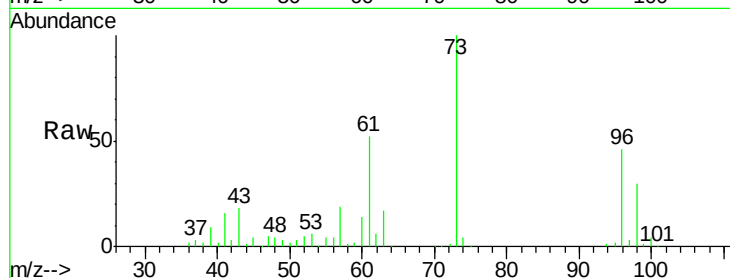
Delta R.T. -0.01 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tot Ion: 96 Resp: 384640

Ion	Ratio	Lower	Upper
96	100		
61	112.2	107.4	161.0
98	64.6	50.7	76.1

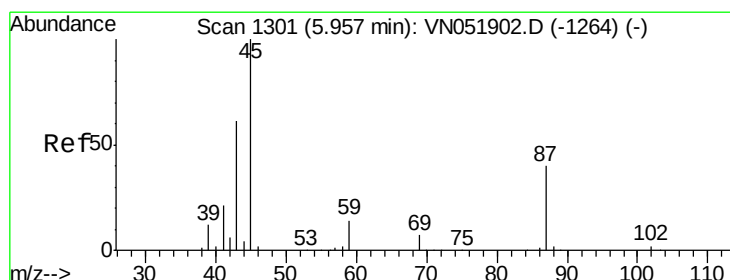
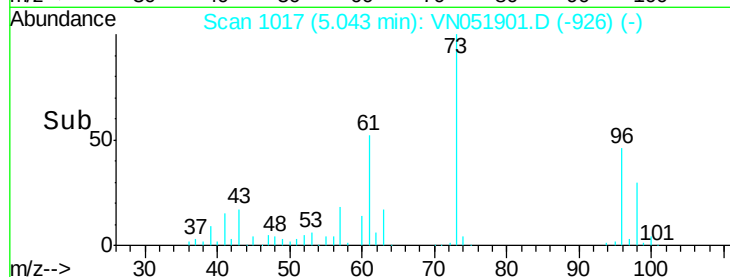
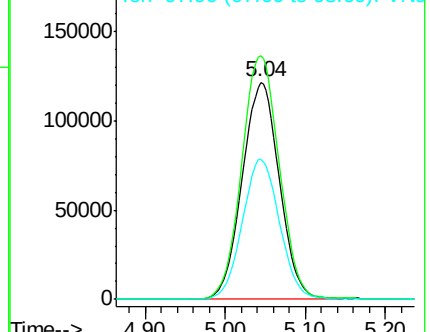


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 50.12 ug/l

RT: 5.96 min Scan# 1301

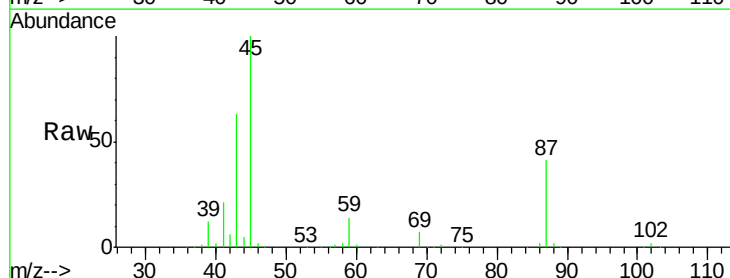
Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion: 45 Resp: 864456

Ion	Ratio	Lower	Upper
45	100		
43	61.1	45.9	68.9
87	40.7	22.7	34.1#
59	13.8	9.3	13.9



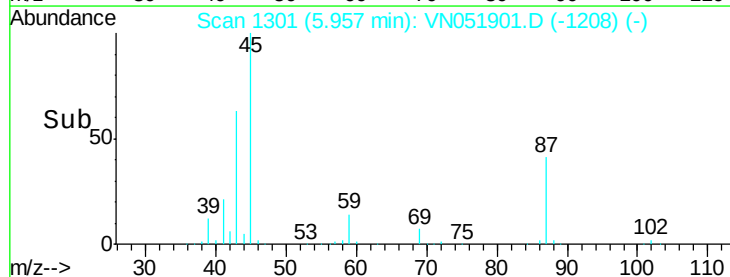
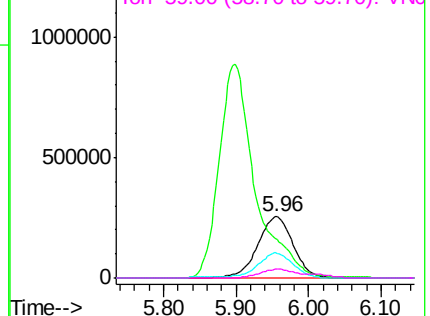
Abundance

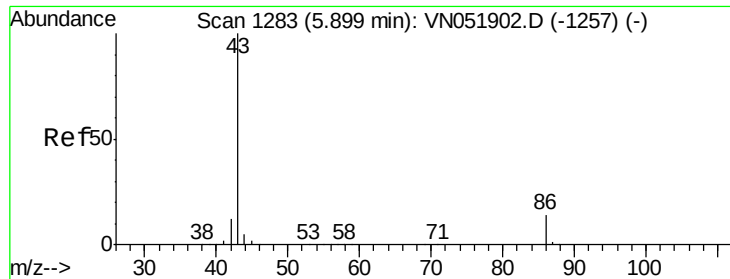
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

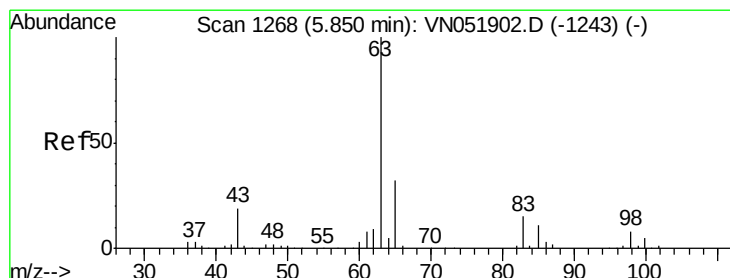
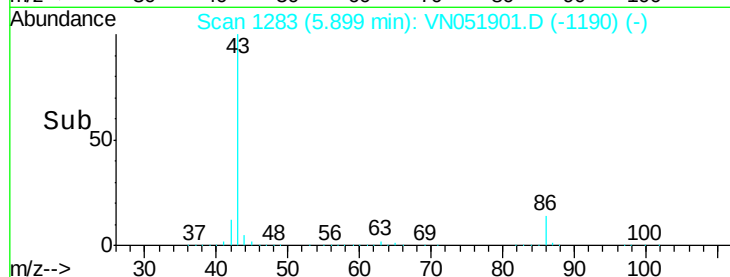
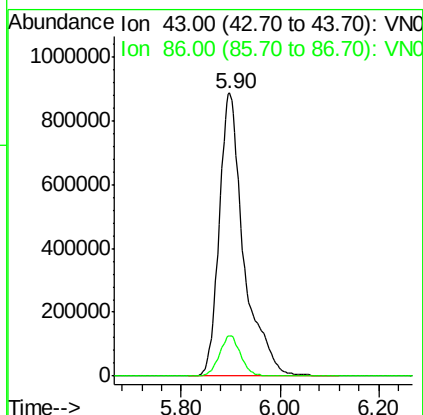
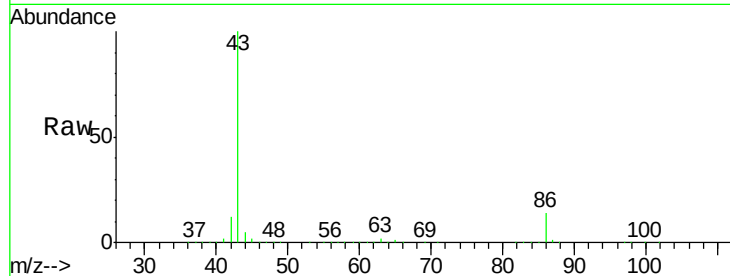
Ion 59.00 (58.70 to 59.70): VN0





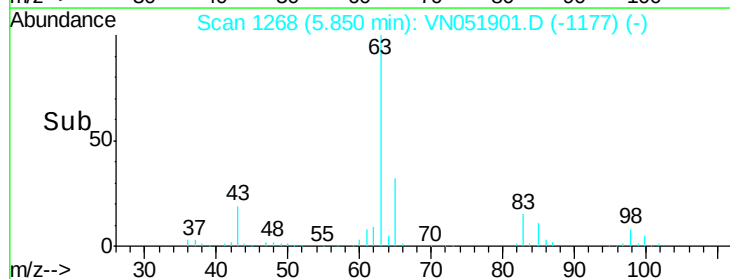
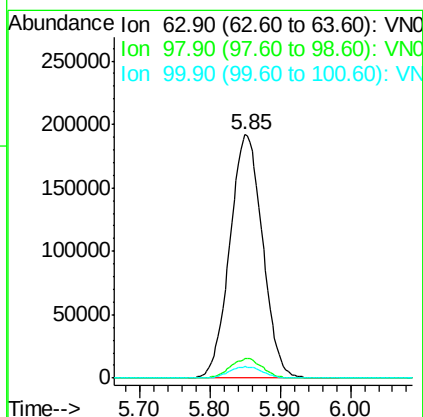
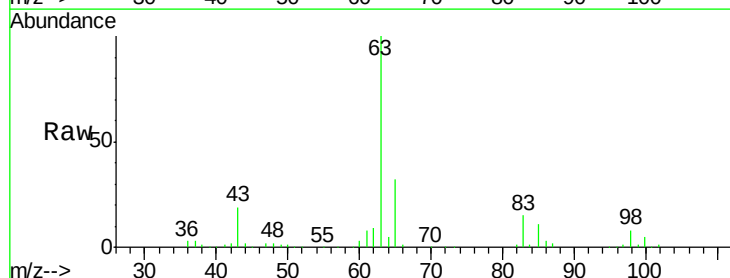
#23
 Vinyl Acetate
 Concen: 257.12 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

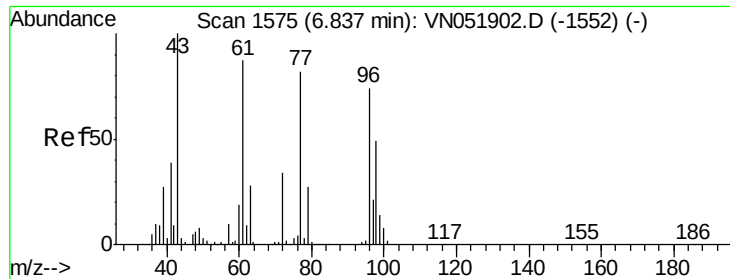
Tot Ion: 43 Resp: 3078044
 Ion Ratio Lower Upper
 43 100
 86 14.4 8.7 13.1#



#24
 1,1-Dichloroethane
 Concen: 50.76 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

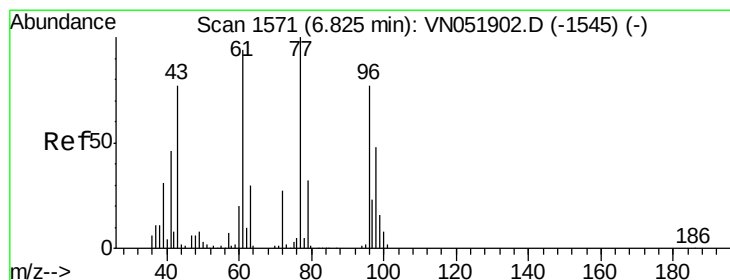
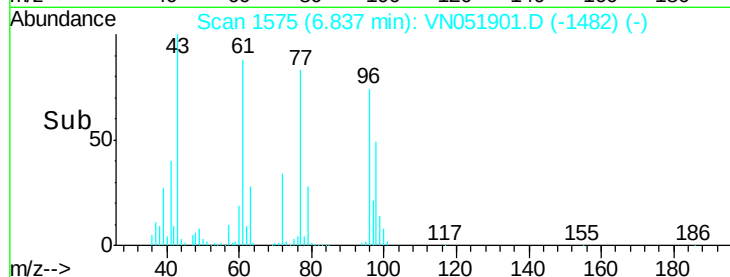
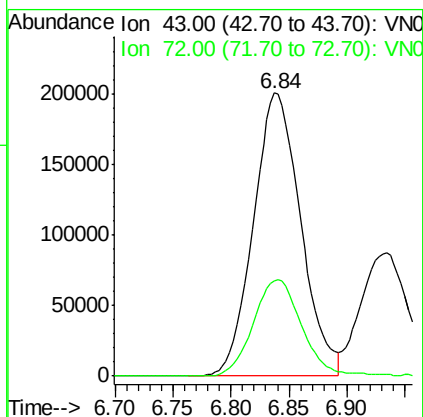
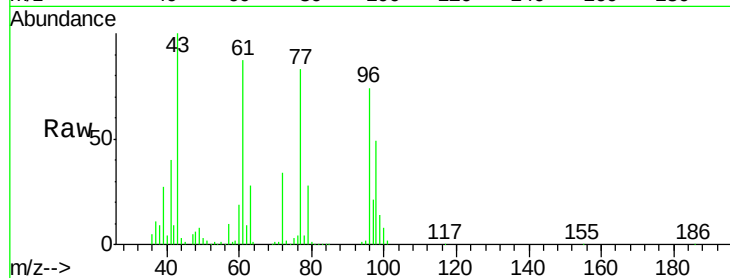
Tgt Ion: 63 Resp: 620901
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 4.7 2.1 6.5





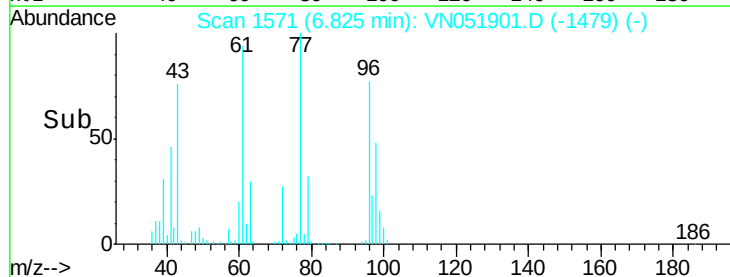
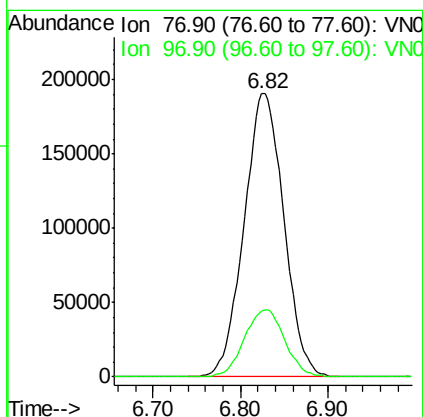
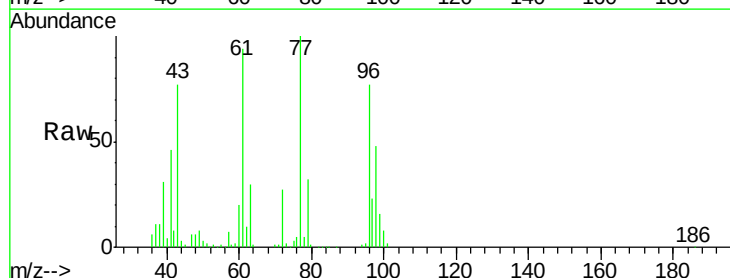
#25
 2-Butanone
 Concen: 256.12 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

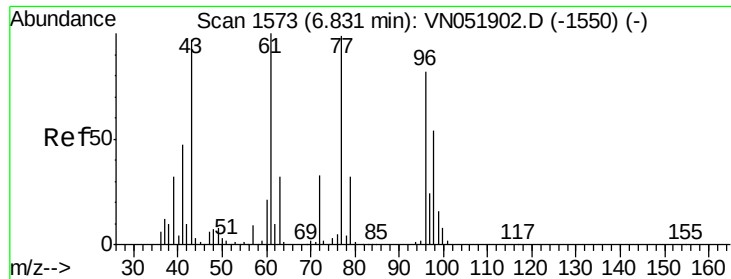
Tot Ion: 43 Resp: 567305
 Ion Ratio Lower Upper
 43 100
 72 33.8 22.3 33.5#



#26
 2,2-Dichloropropane
 Concen: 48.72 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 77 Resp: 600757
 Ion Ratio Lower Upper
 77 100
 97 24.1 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 50.80 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

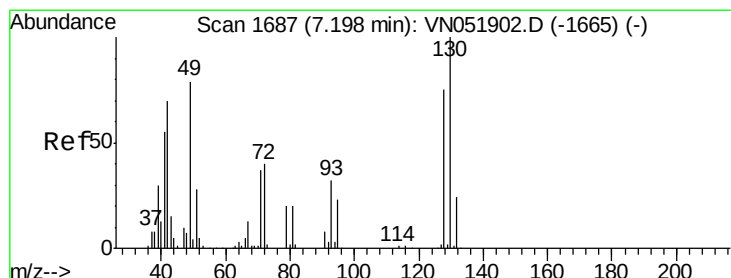
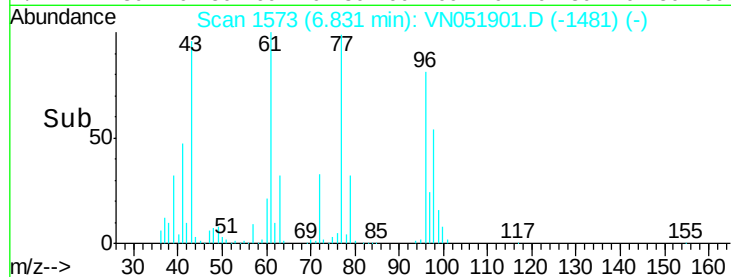
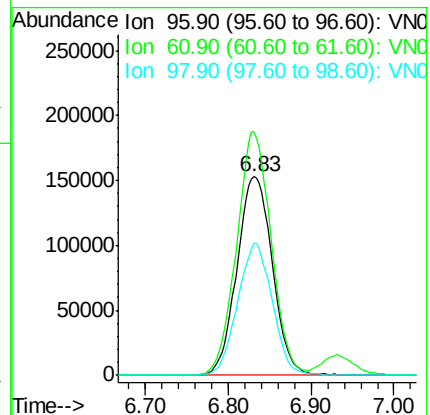
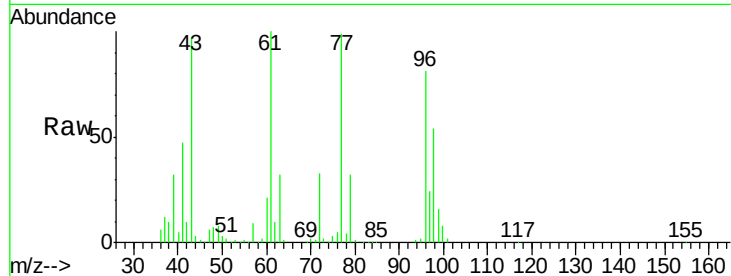
Tot Ion: 96 Resp: 453840

Ion Ratio Lower Upper

96 100

61 120.1 0.0 283.4

98 64.9 0.0 129.8



#28

Bromochloromethane

Concen: 51.50 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

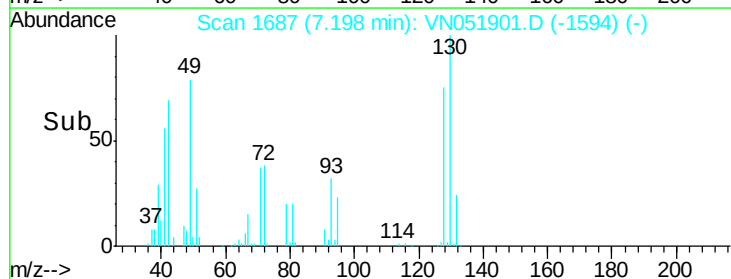
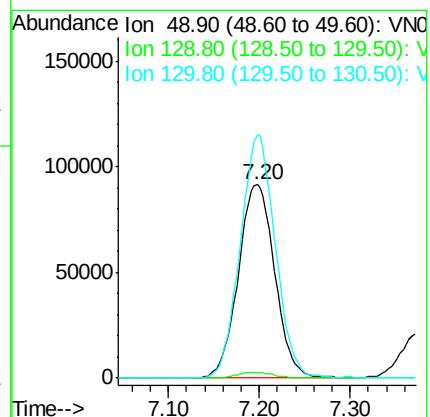
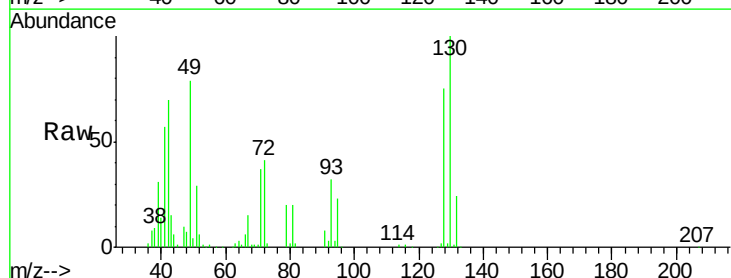
Tgt Ion: 49 Resp: 254884

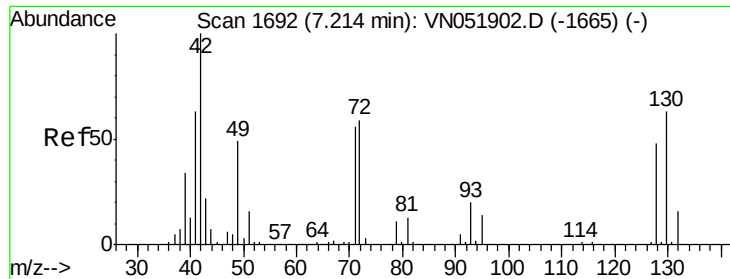
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.2

130 120.9 67.1 100.7#





#29

Tetrahydrofuran

Concen: 273.77 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

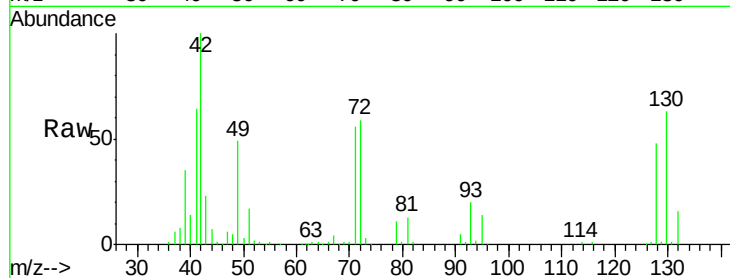
Tot Ion: 42 Resp: 344289

Ion Ratio Lower Upper

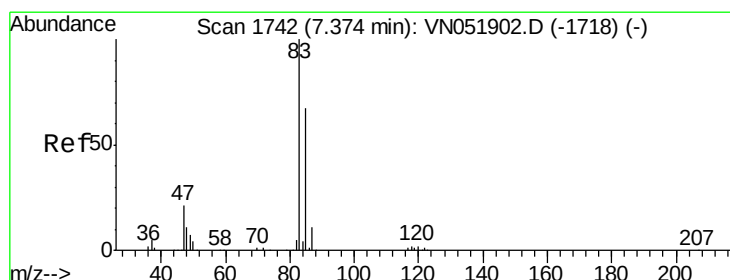
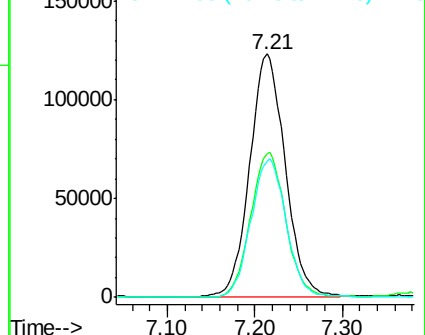
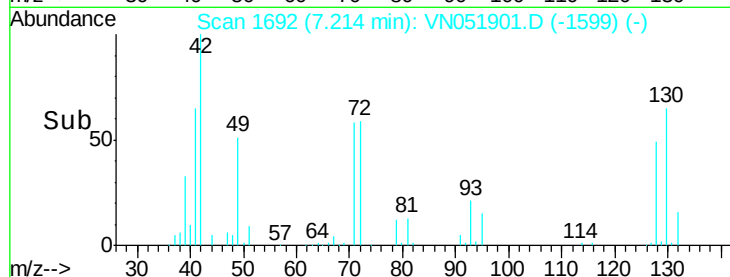
42 100

72 59.6 35.5 53.3#

71 56.7 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN051901.D (-1599) (-)



#30

Chloroform

Concen: 50.68 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051901.D

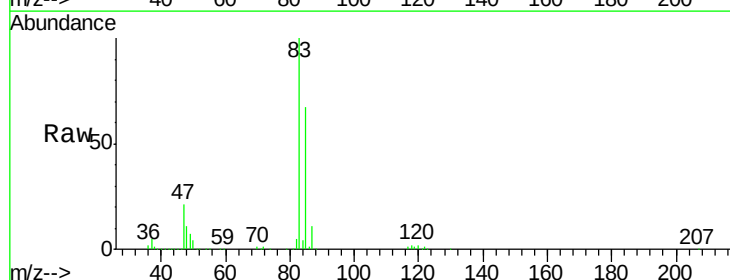
Acq: 17 Oct 2018 10:10

Tgt Ion: 83 Resp: 748399

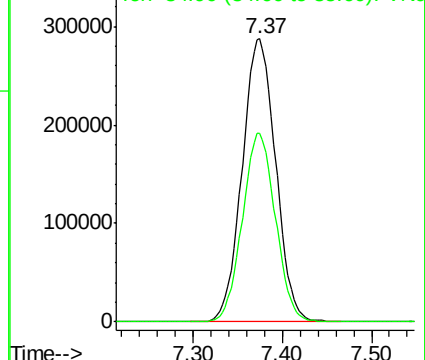
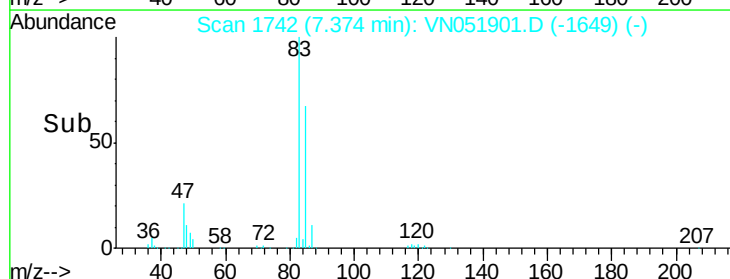
Ion Ratio Lower Upper

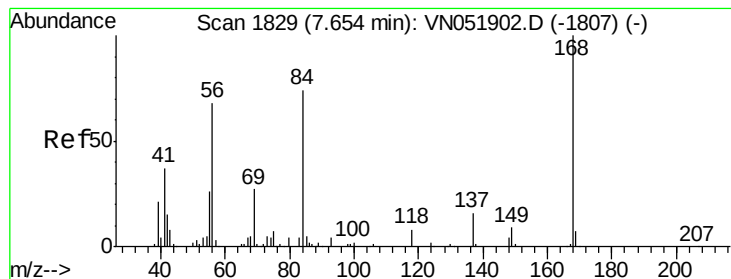
83 100

85 66.8 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN051901.D (-1649) (-)





#31

Cyclohexane

Concen: 48.89 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

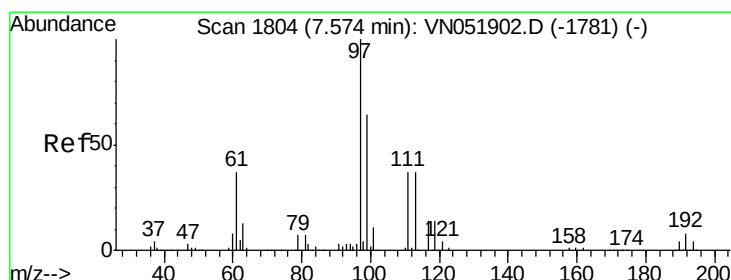
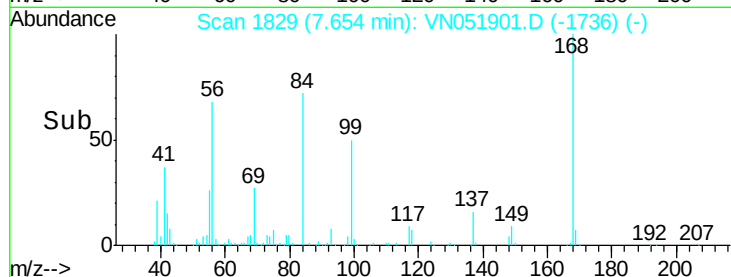
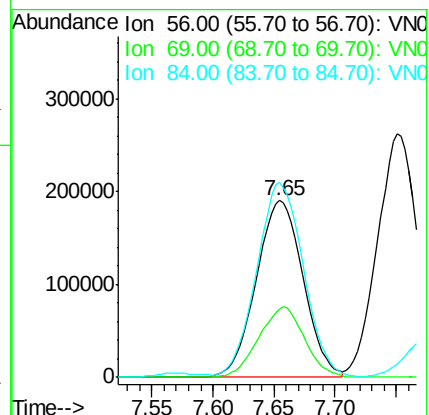
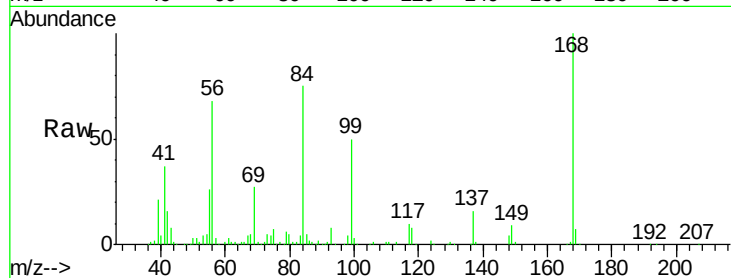
Tot Ion: 56 Resp: 508868

Ion Ratio Lower Upper

56 100

69 39.0 26.2 39.4

84 108.3 68.3 102.5#



#32

1,1,1-Trichloroethane

Concen: 50.28 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

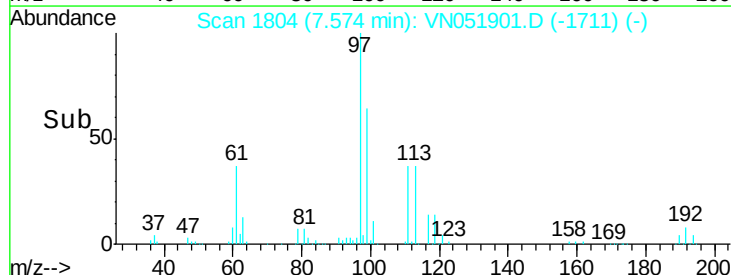
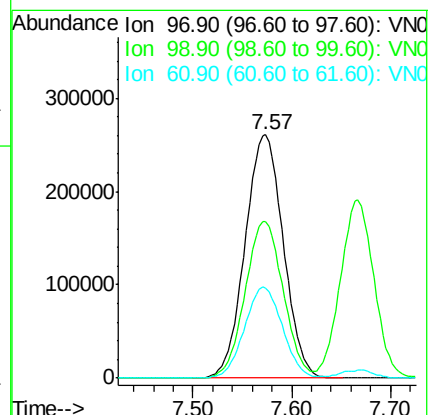
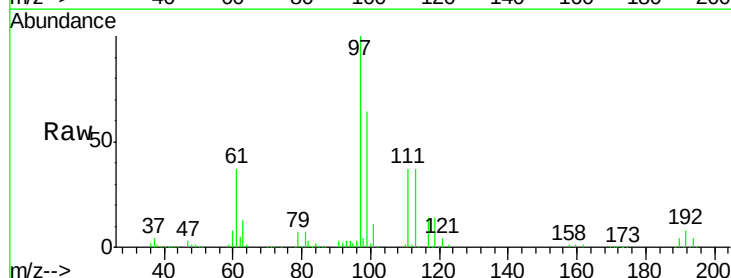
Tgt Ion: 97 Resp: 699508

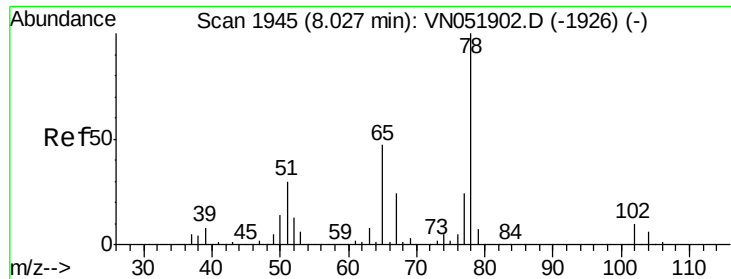
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

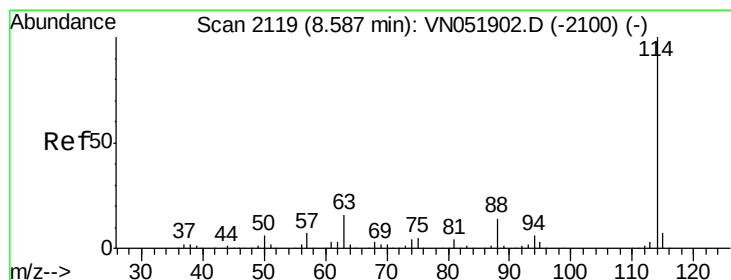
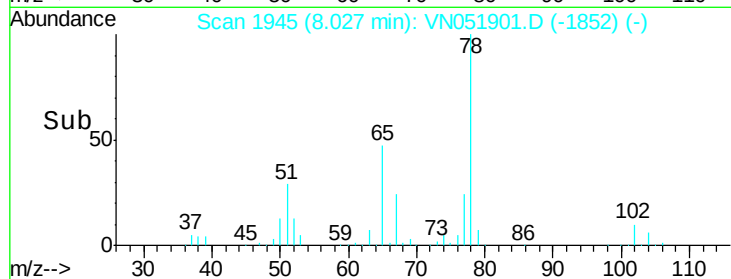
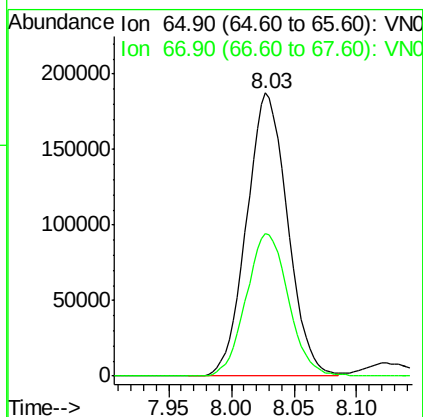
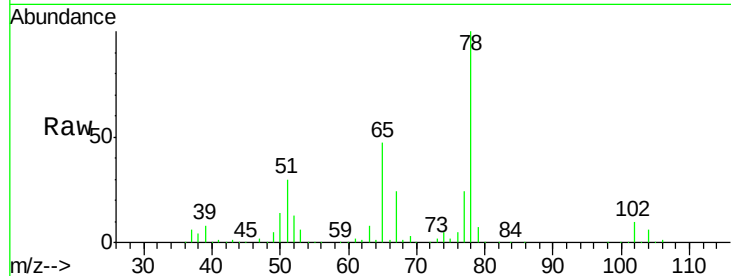
61 37.2 34.9 52.3





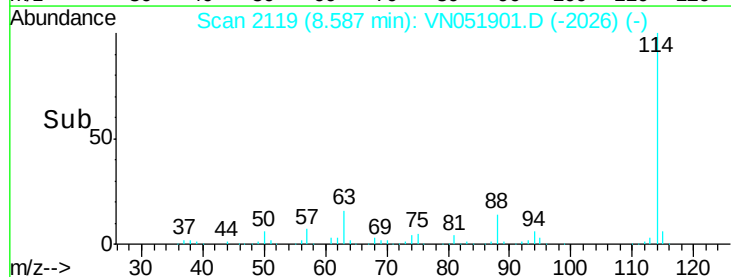
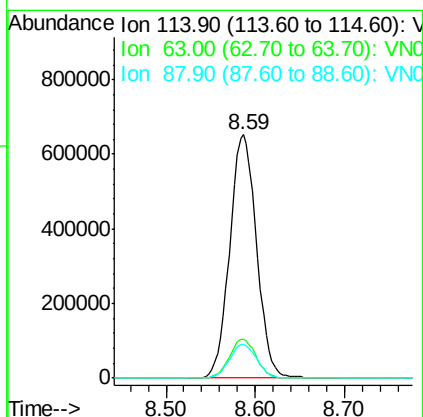
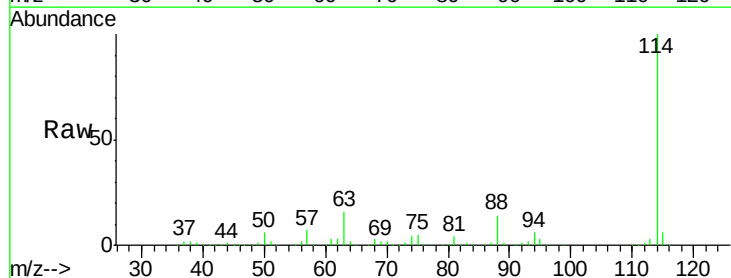
#33
 1,2-Dichloroethane-d4
 Concen: 50.28 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

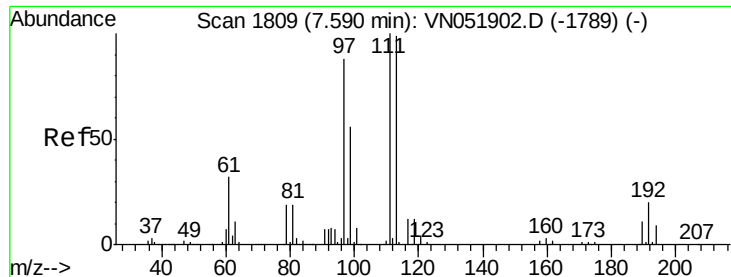
Tot Ion: 65 Resp: 427360
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

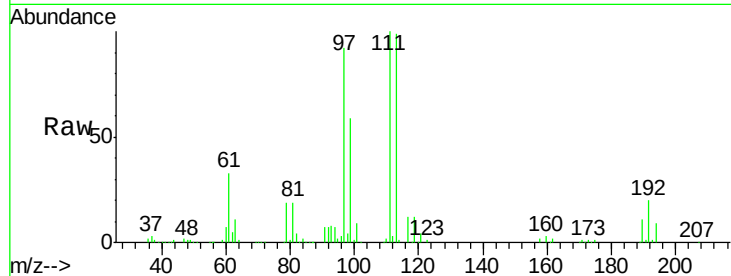
Tgt Ion: 114 Resp: 1355864
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 38.6
 88 14.0 0.0 30.6



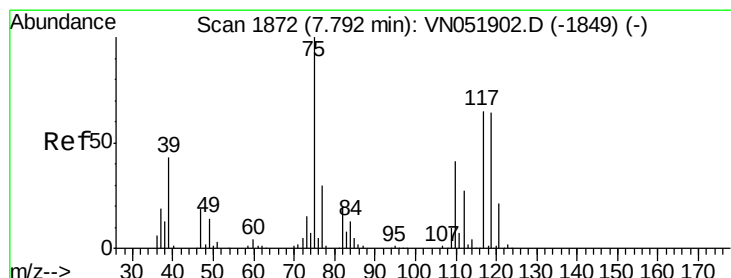
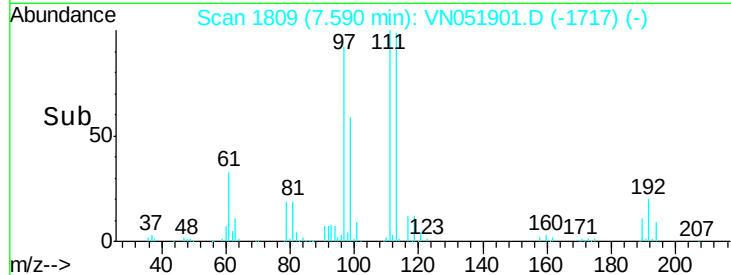
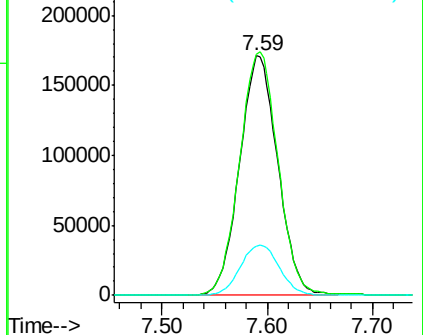


#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	21.6	18.0	27.0

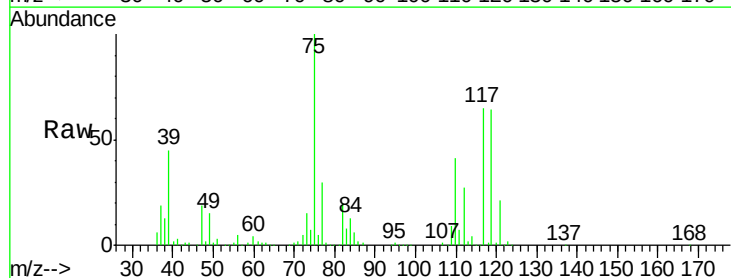


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

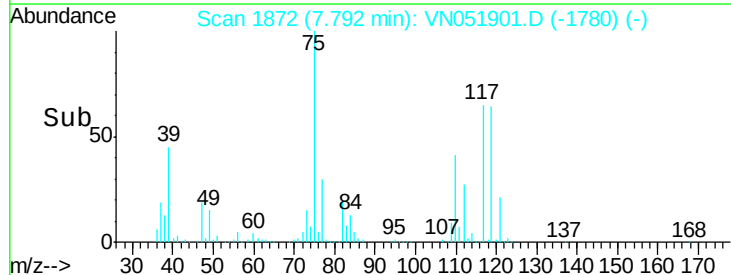
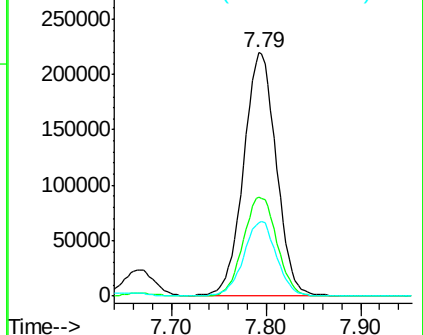


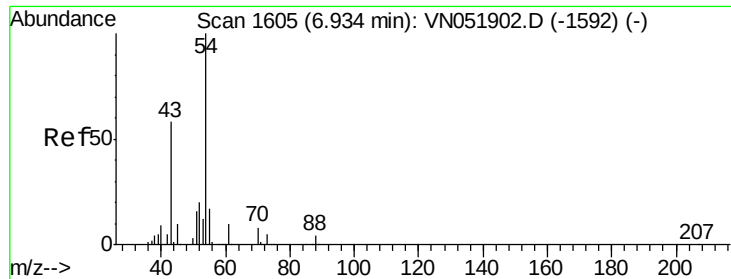
#36
 1,1-Dichloropropene
 Concen: 48.36 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.0	18.1	54.4
77	31.1	24.8	37.2



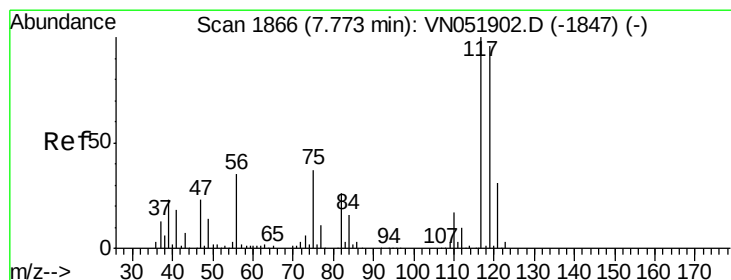
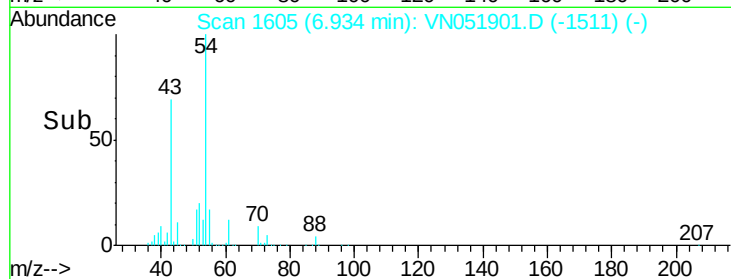
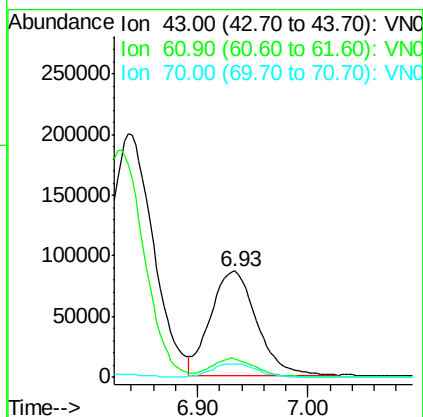
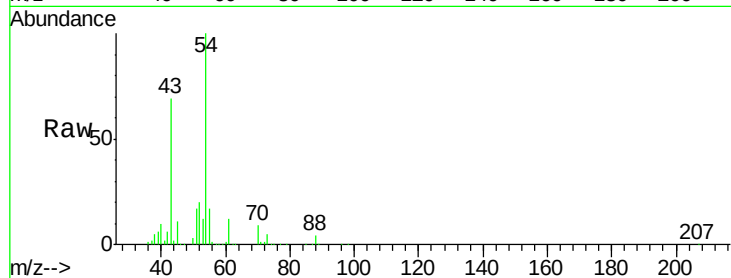
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





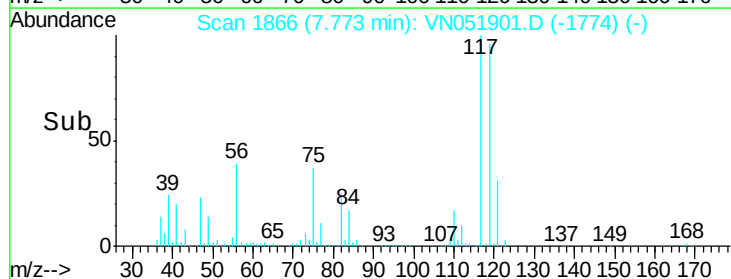
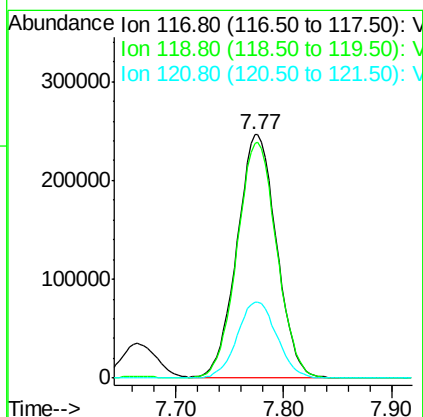
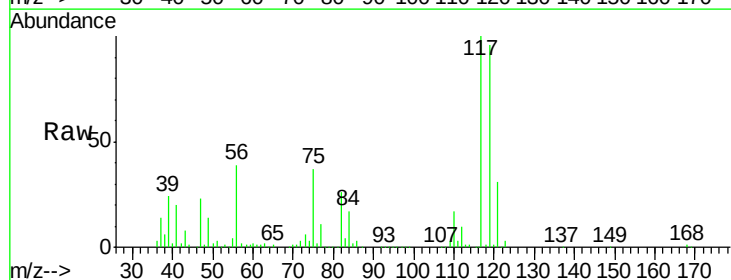
#37
Ethyl Acetate
Concen: 51.45 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

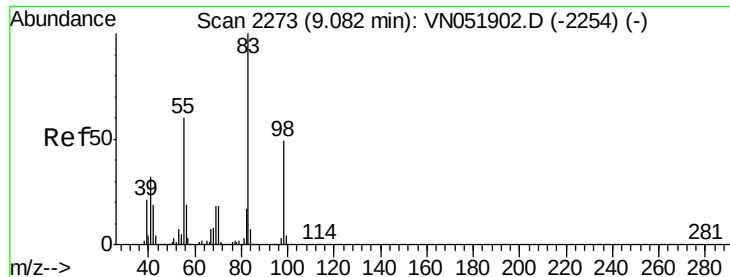
Tot Ion: 43 Resp: 250647
Ion Ratio Lower Upper
43 100
61 16.3 12.0 18.0
70 13.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 47.97 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

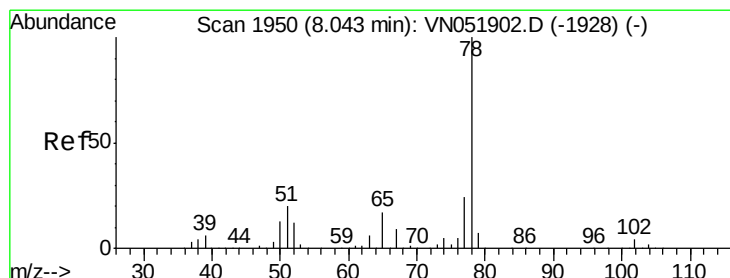
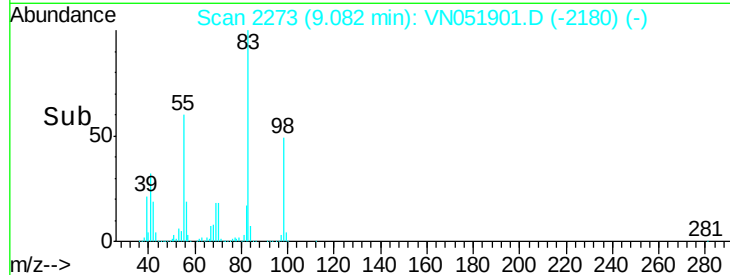
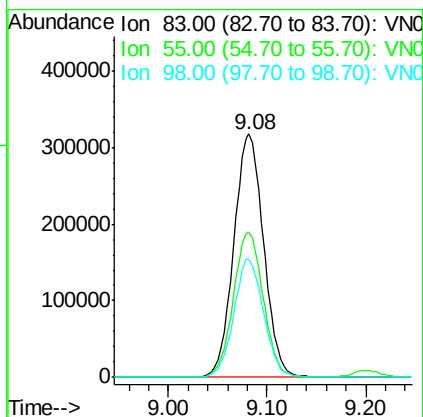
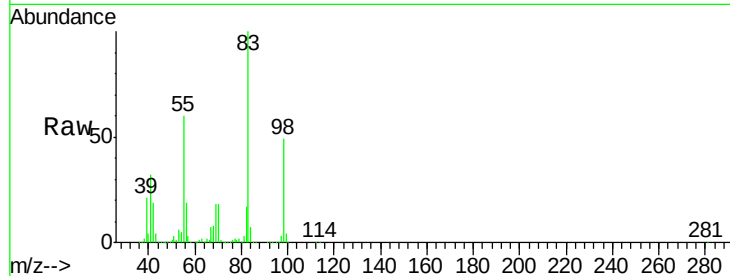
Tgt Ion: 117 Resp: 625468
Ion Ratio Lower Upper
117 100
119 96.3 76.3 114.5
121 31.4 24.6 36.8





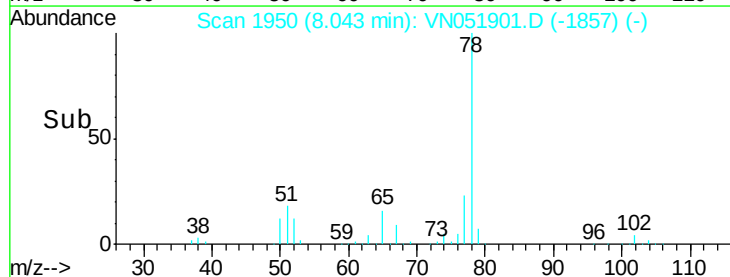
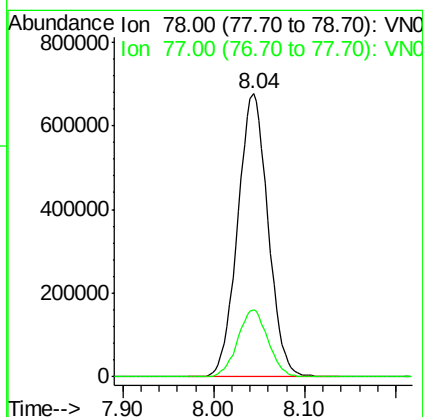
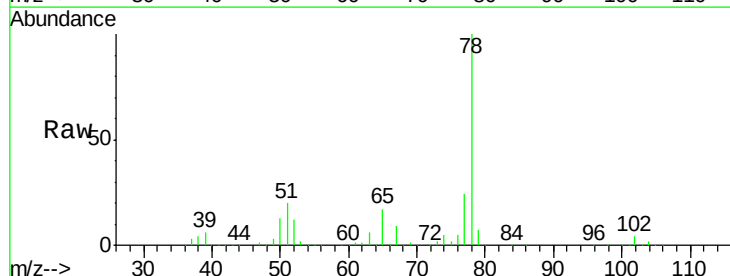
#39
Methylvlcyclohexane
Concen: 47.64 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

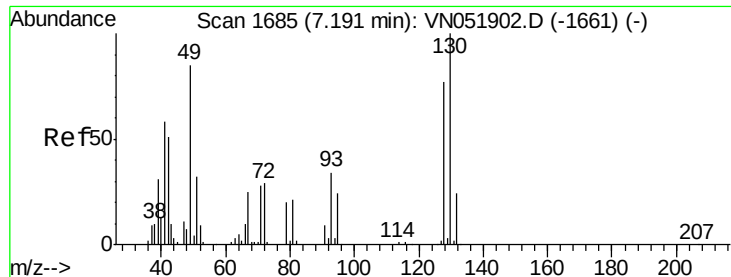
Tot Ion: 83 Resp: 667304
Ion Ratio Lower Upper
83 100
55 59.8 61.0 91.4#
98 48.7 37.5 56.3



#40
Benzene
Concen: 48.66 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion: 78 Resp: 1566802
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41

Methacrylonitrile

Concen: 44.04 ug/l

RT: 7.17 min Scan# 1679

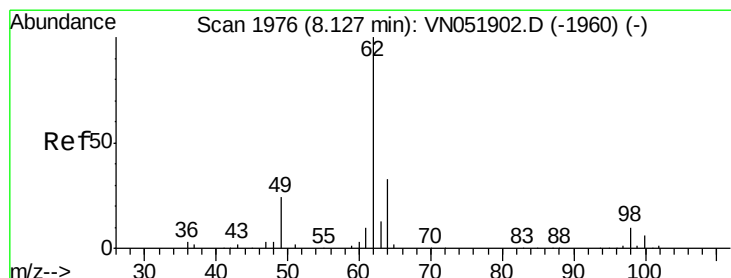
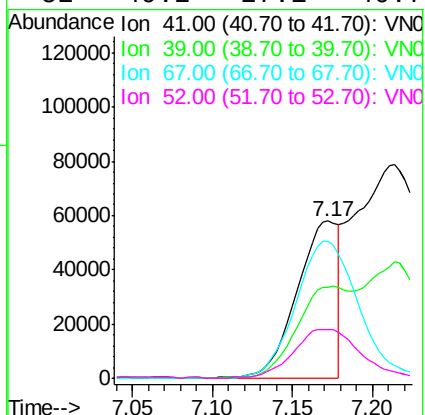
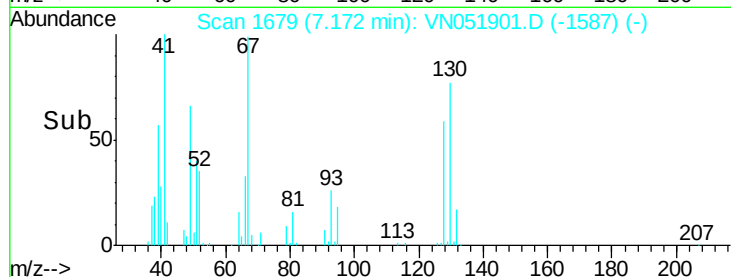
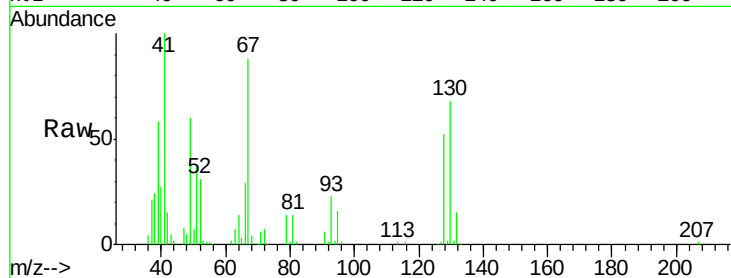
Delta R.T. -0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tot Ion: 41 Resp: 104657

Ion	Ratio	Lower	Upper
41	100		
39	70.1	45.4	68.0#
67	133.1	70.6	106.0#
52	49.2	27.1	40.7#



#42

1,2-Dichloroethane

Concen: 49.66 ug/l

RT: 8.13 min Scan# 1976

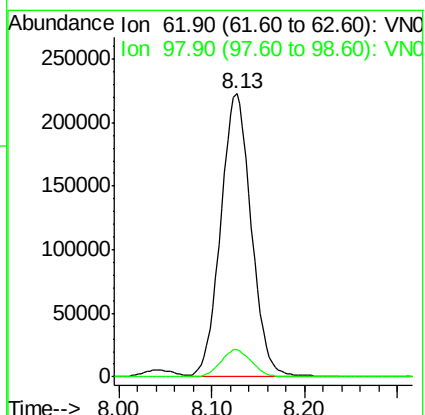
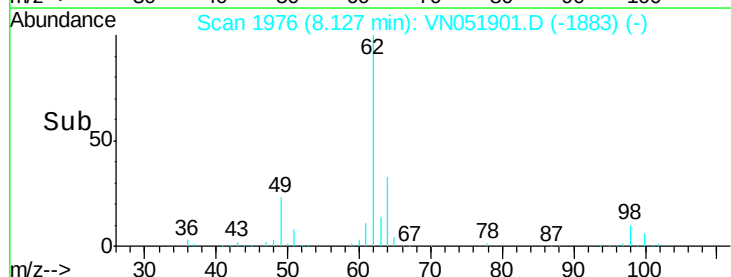
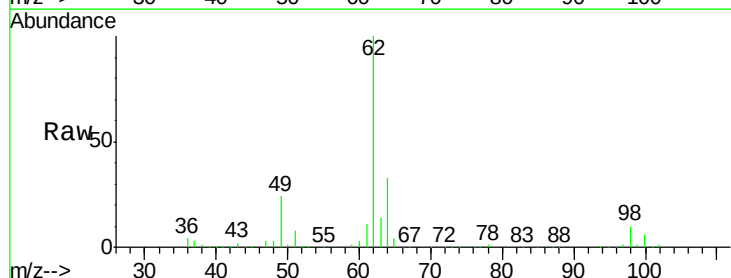
Delta R.T. 0.00 min

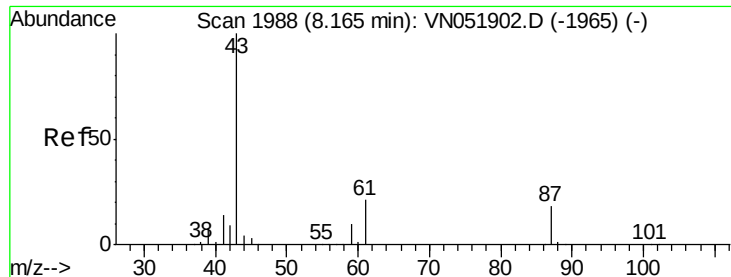
Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion: 62 Resp: 506444

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





#43

Isopropyl Acetate

Concen: 51.58 ug/l

RT: 8.17 min Scan# 1988

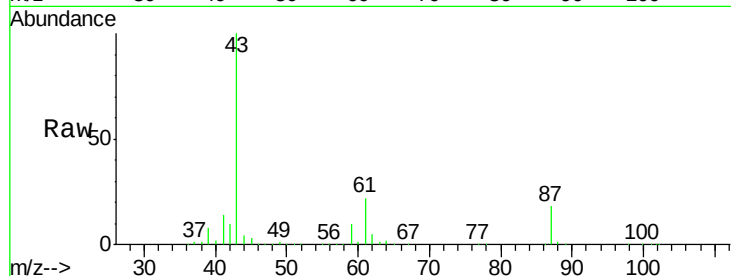
Delta R.T. 0.00 min

Lab File: VN051901.D

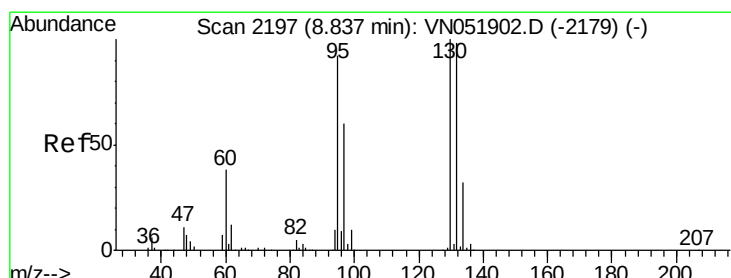
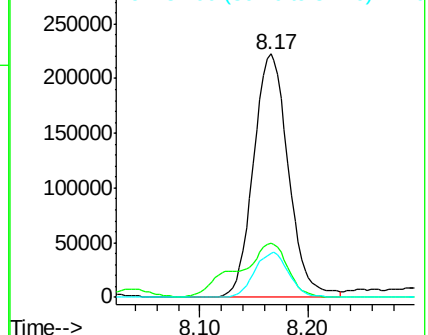
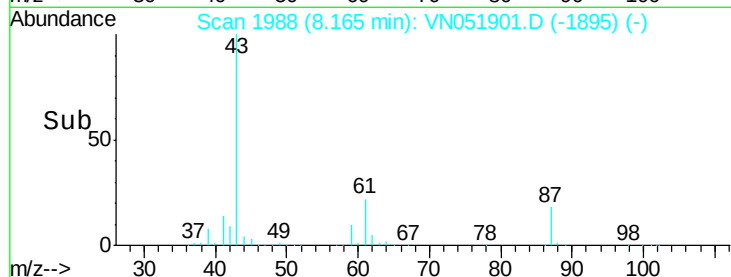
Acq: 17 Oct 2018 10:10

Tot Ion: 43 Resp: 498532

Ion	Ratio	Lower	Upper
43	100		
61	31.1	17.5	26.3#
87	18.3	11.3	16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN051901.D (-1895) (-)



#44

Trichloroethene

Concen: 48.82 ug/l

RT: 8.84 min Scan# 2197

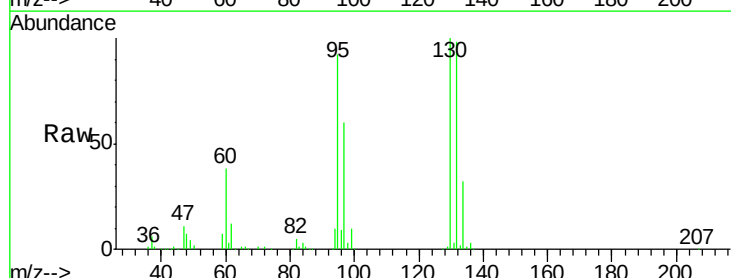
Delta R.T. 0.00 min

Lab File: VN051901.D

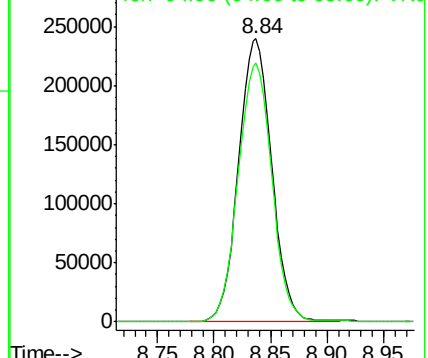
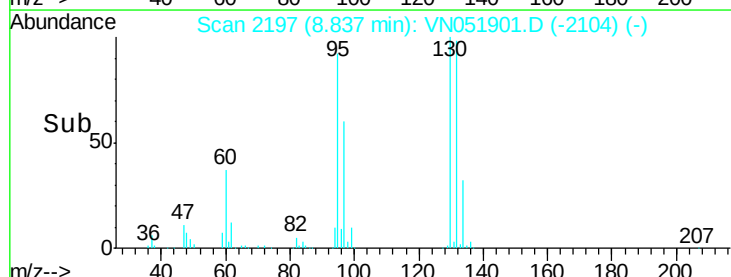
Acq: 17 Oct 2018 10:10

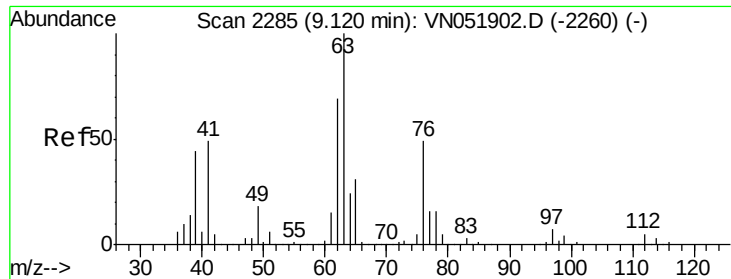
Tgt Ion: 130 Resp: 490705

Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): VN051901.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 49.31 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051901.D

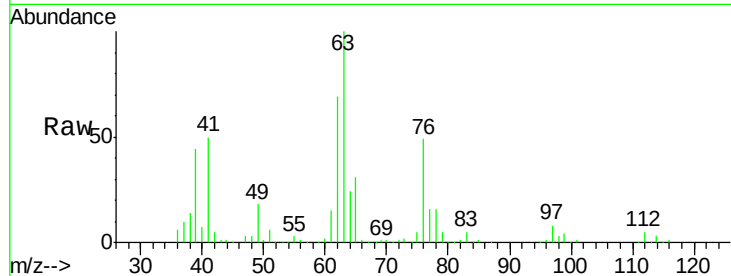
Acq: 17 Oct 2018 10:10

Tot Ion: 63 Resp: 367055

Ion Ratio Lower Upper

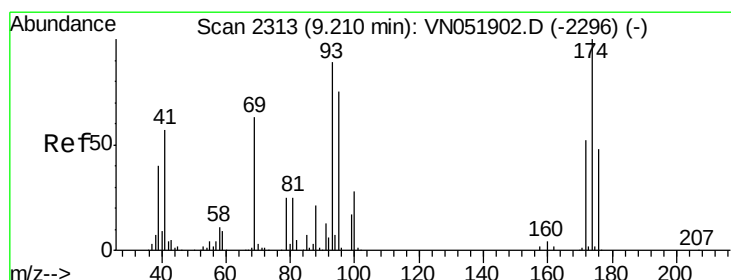
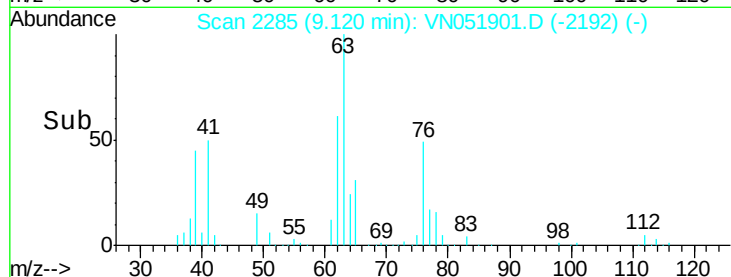
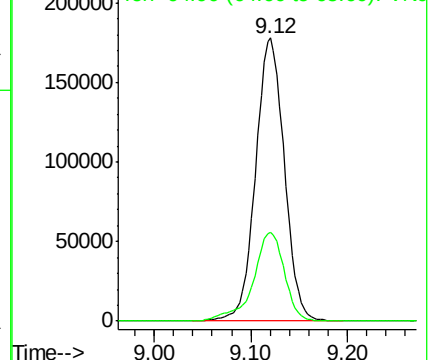
63 100

65 31.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.51 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

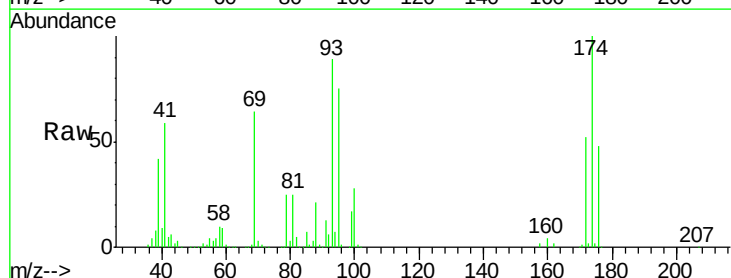
Tgt Ion: 93 Resp: 282349

Ion Ratio Lower Upper

93 100

95 84.7 66.7 100.1

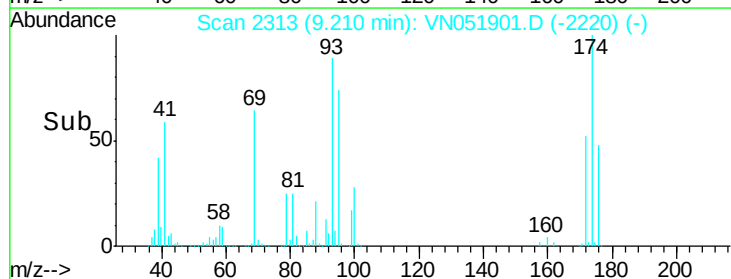
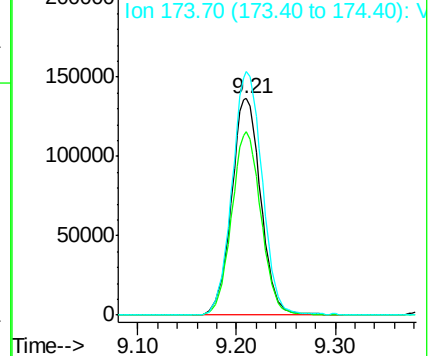
174 114.9 89.8 134.6

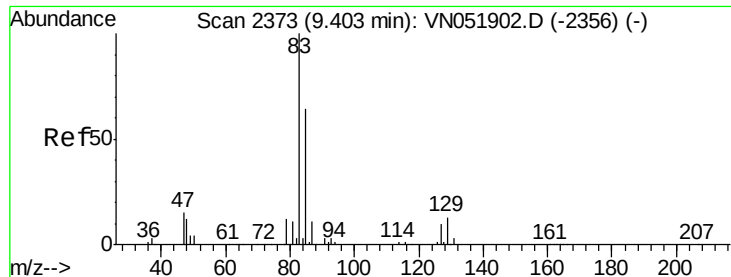


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.58 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

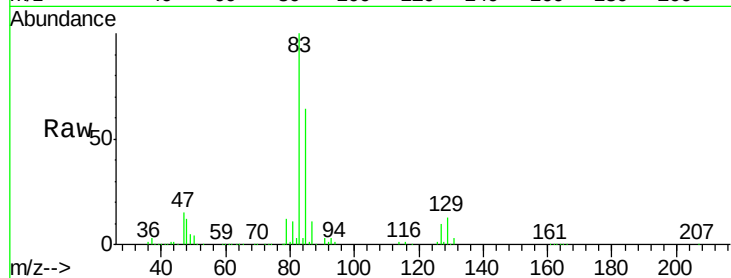
Tot Ion: 83 Resp: 569109

Ion Ratio Lower Upper

83 100

85 64.3 52.6 78.8

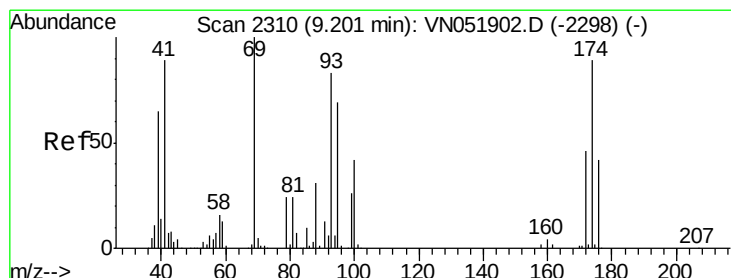
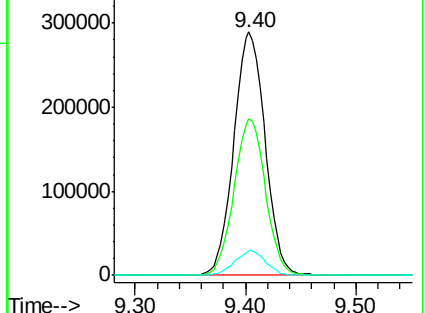
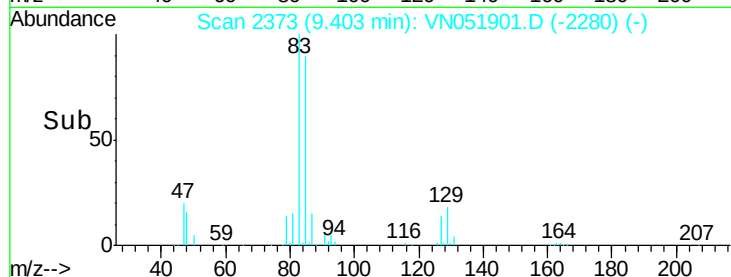
127 9.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN051901.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051901.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051901.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.64 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

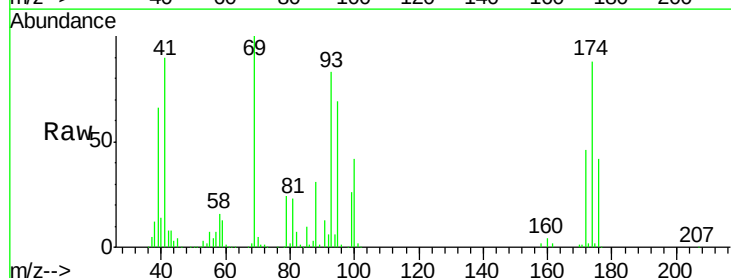
Tgt Ion: 41 Resp: 228764

Ion Ratio Lower Upper

41 100

69 112.7 74.7 112.1#

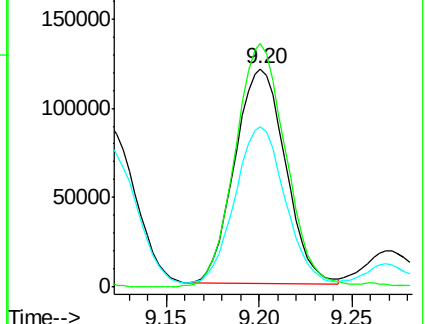
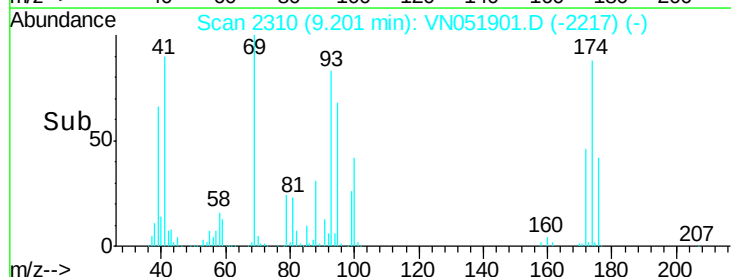
39 74.6 42.2 63.2#

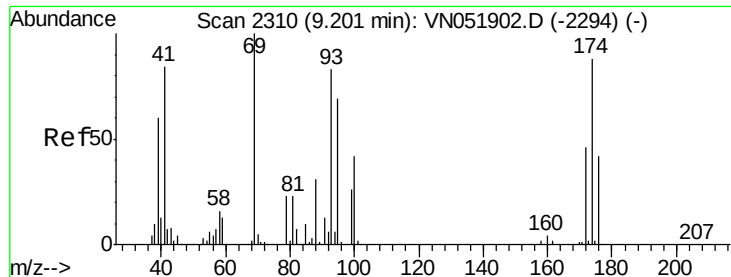


Abundance Ion 41.00 (40.70 to 41.70): VN051901.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051901.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051901.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1103.05 ug/l

RT: 9.20 min Scan# 2310

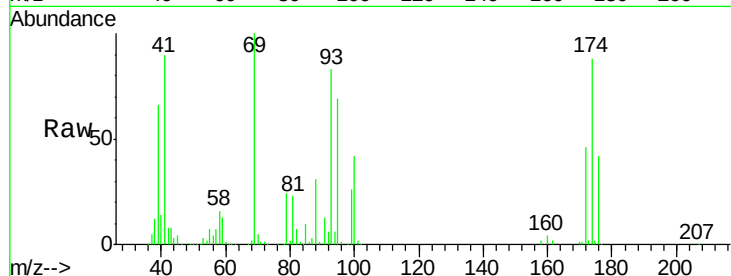
Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tot Ion: 88 Resp: 86261

Ion	Ratio	Lower	Upper
88	100		
43	24.6	25.9	38.9#
58	53.3	55.0	82.4#

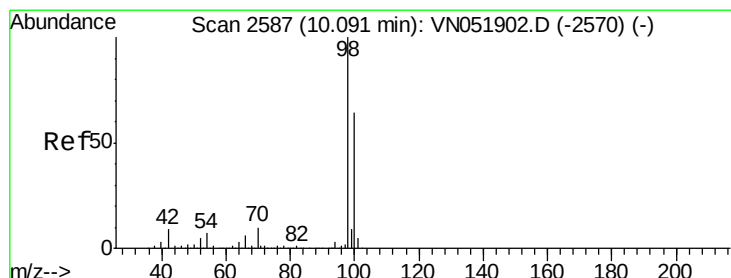
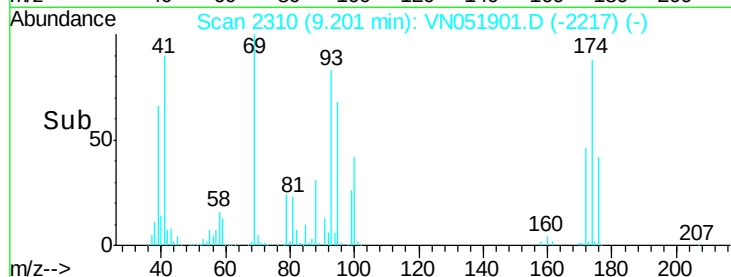
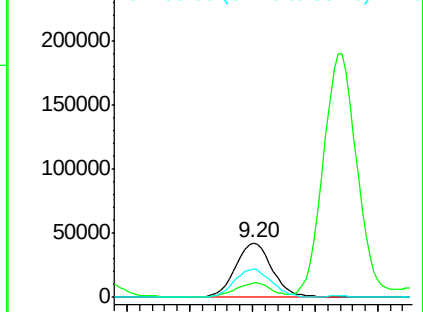


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 1103.05 ug/l

RT: 10.09 min Scan# 2587

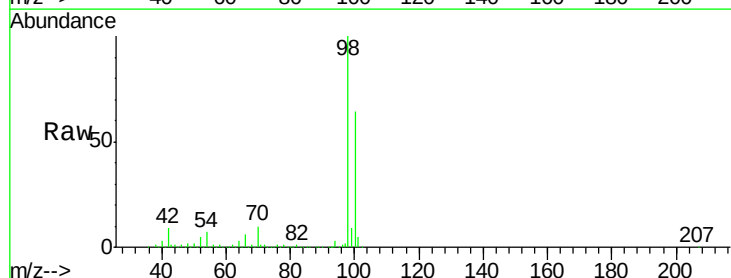
Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion: 98 Resp: 1570504

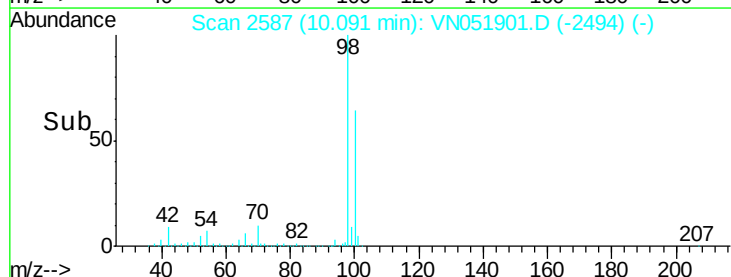
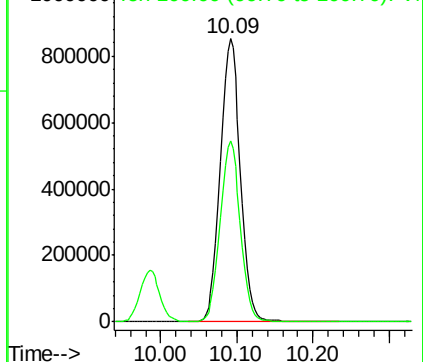
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3

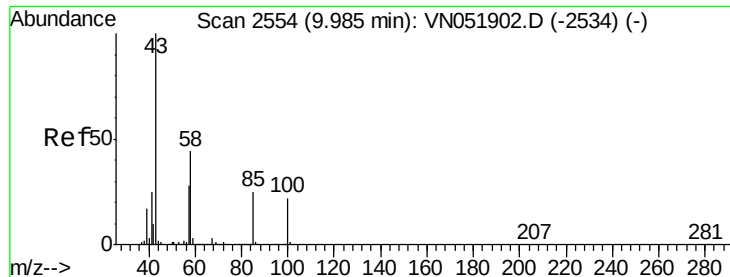


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 265.74 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051901.D

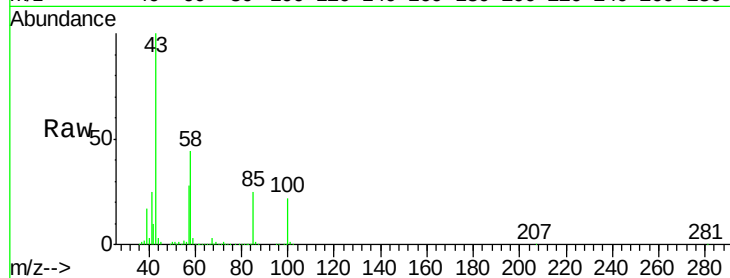
Acq: 17 Oct 2018 10:10

Tot Ion: 43 Resp: 1321490

Ion Ratio Lower Upper

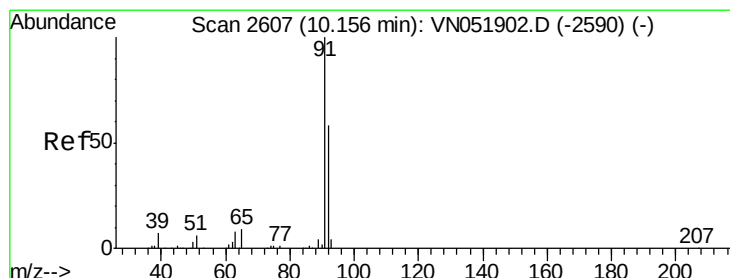
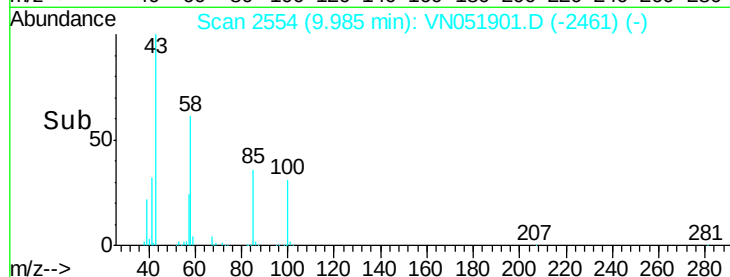
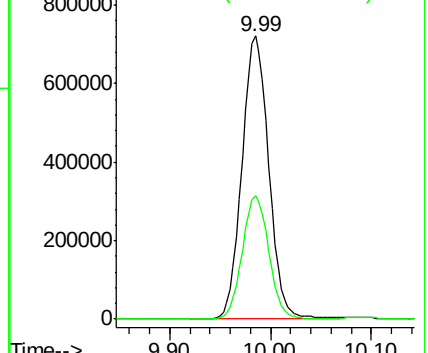
43 100

58 43.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.57 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051901.D

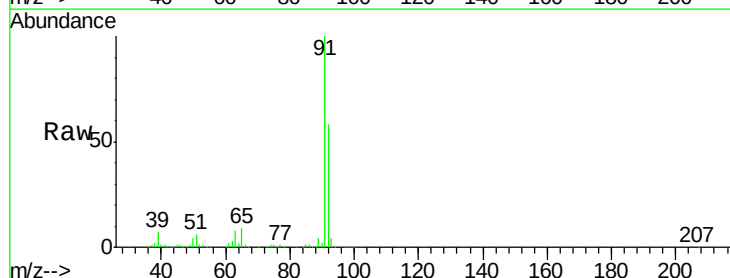
Acq: 17 Oct 2018 10:10

Tgt Ion: 92 Resp: 1087663

Ion Ratio Lower Upper

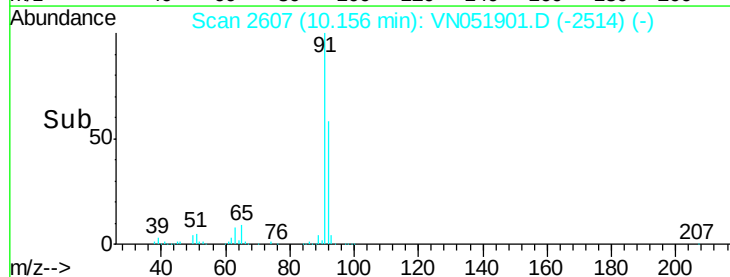
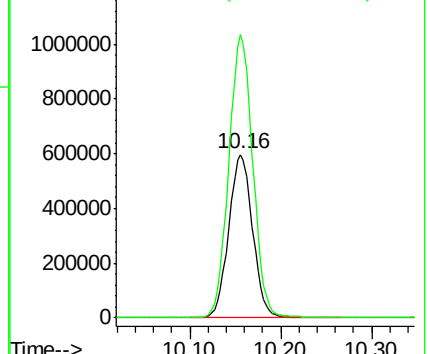
92 100

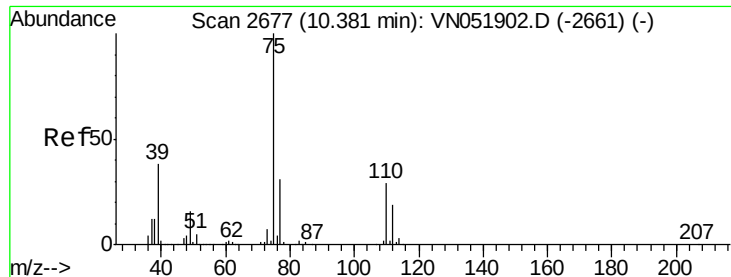
91 174.7 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

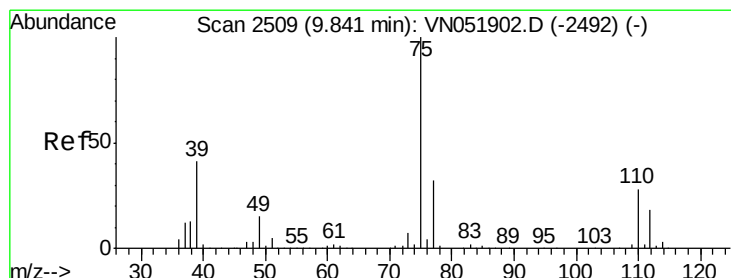
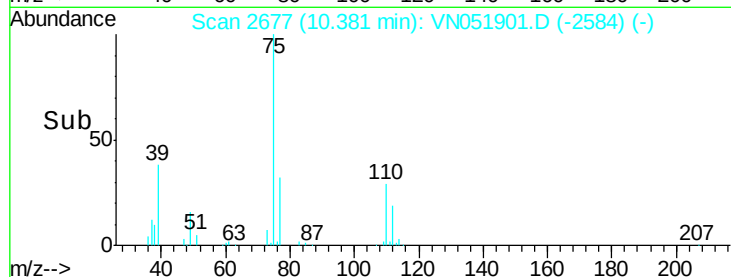
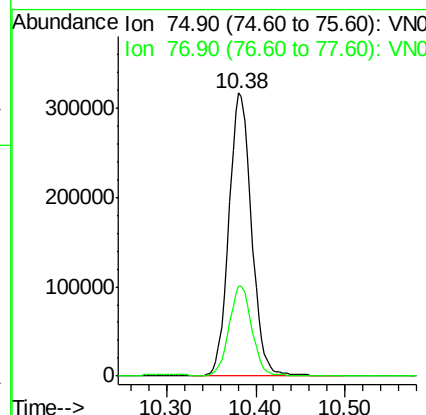
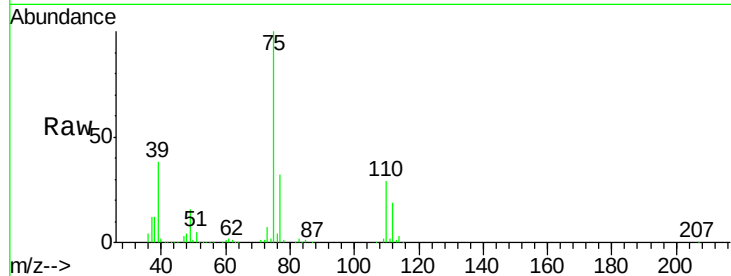




#53
t-1,3-Dichloropropene
Concen: 48.45 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tot Ion: 75 Resp: 557418

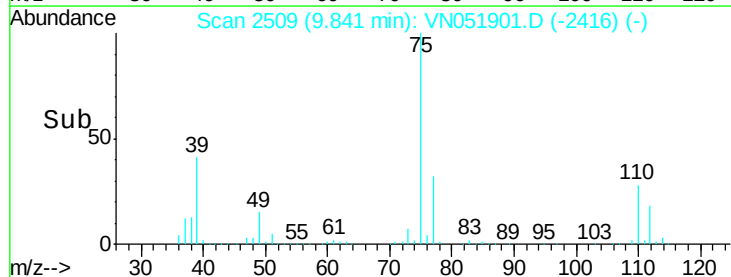
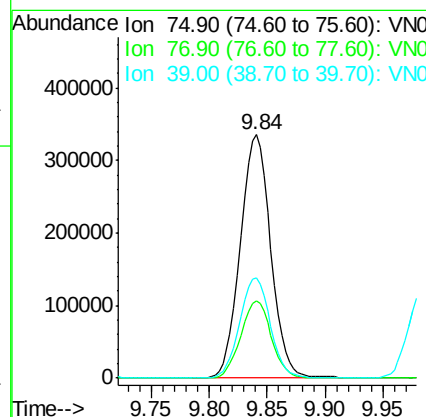
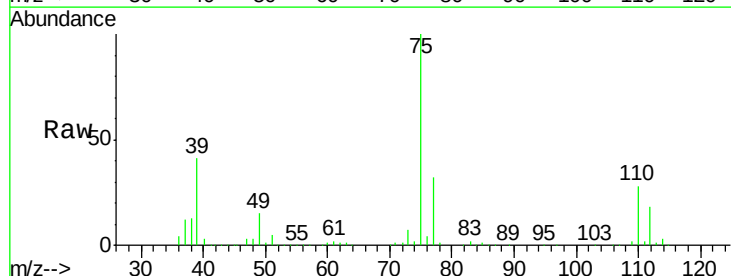
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5

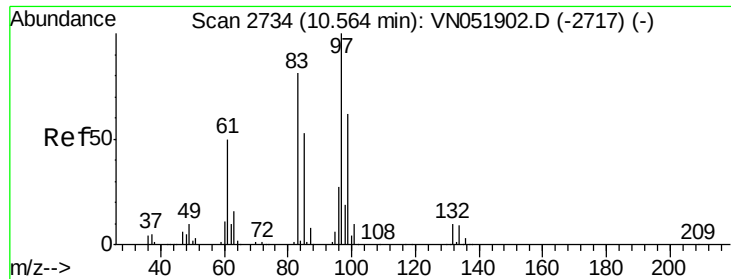


#54
cis-1,3-Dichloropropene
Concen: 48.45 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion: 75 Resp: 610577

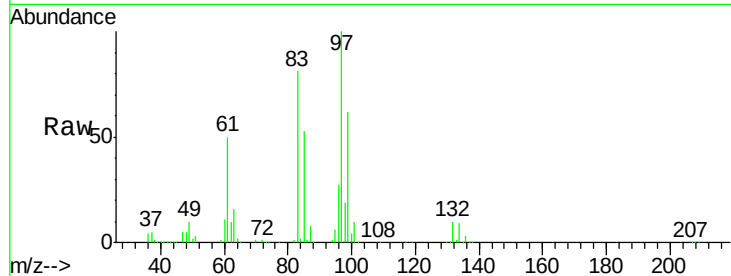
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2
39	41.0	33.0	49.4





#55
 1,1,2-Trichloroethane
 Concen: 50.72 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.7	69.7	104.5
85	52.9	44.5	66.7
99	62.1	50.7	76.1

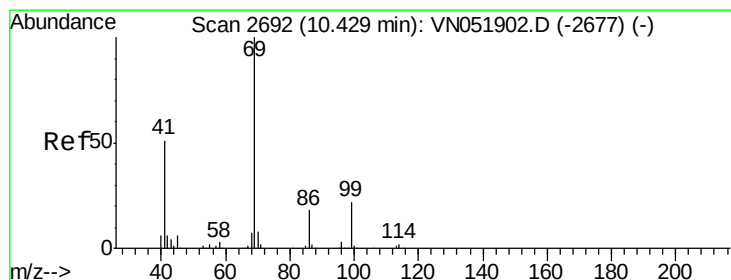
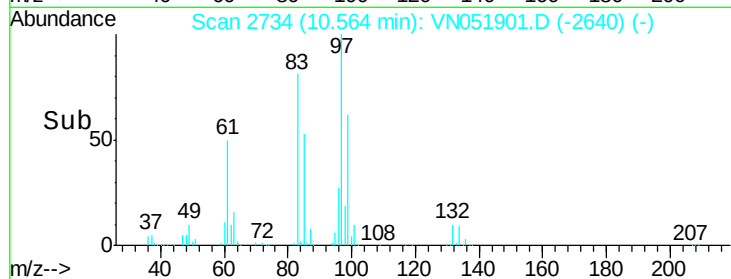
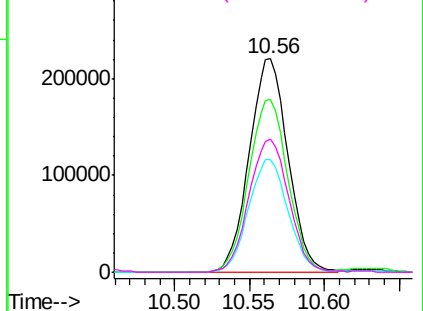


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

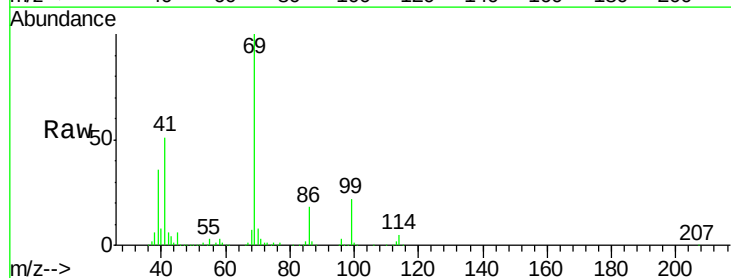
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 51.75 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

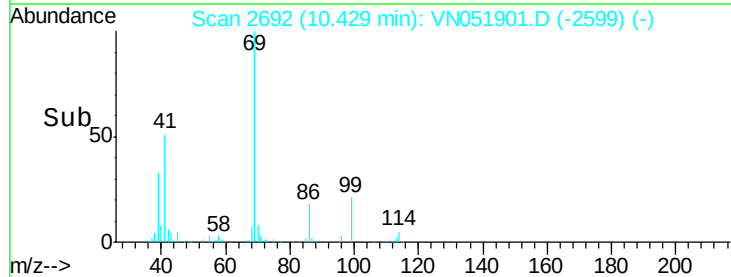
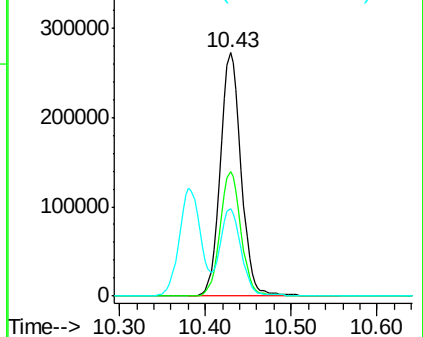
Tgt Ion	Ratio	Lower	Upper
69	100		
41	50.8	48.3	72.5
39	36.7	24.0	36.0#

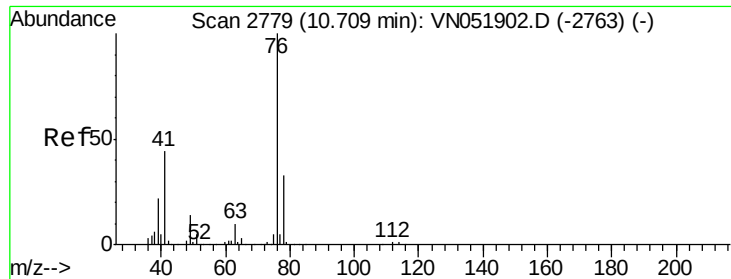


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.72 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051901.D

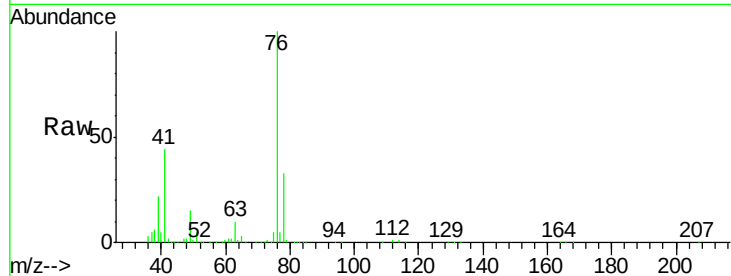
Acq: 17 Oct 2018 10:10

Tot Ion: 76 Resp: 606206

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

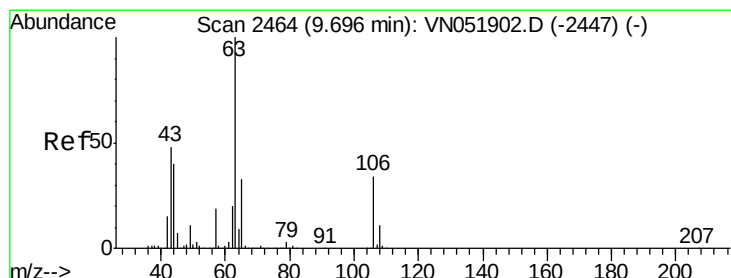
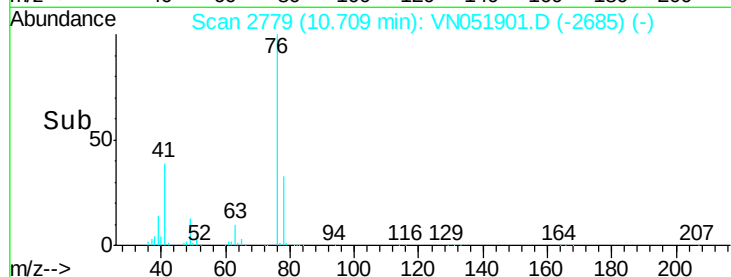
300000

200000

100000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 256.46 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051901.D

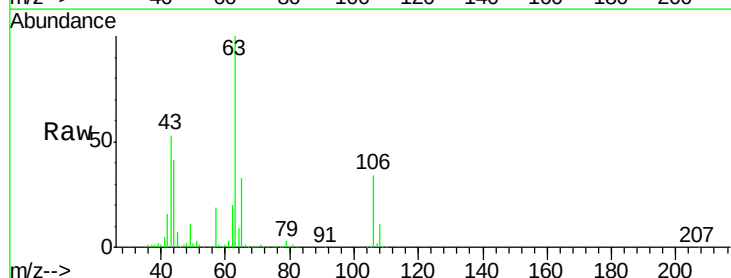
Acq: 17 Oct 2018 10:10

Tgt Ion: 63 Resp: 966426

Ion Ratio Lower Upper

63 100

106 34.4 21.9 32.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

600000

500000

400000

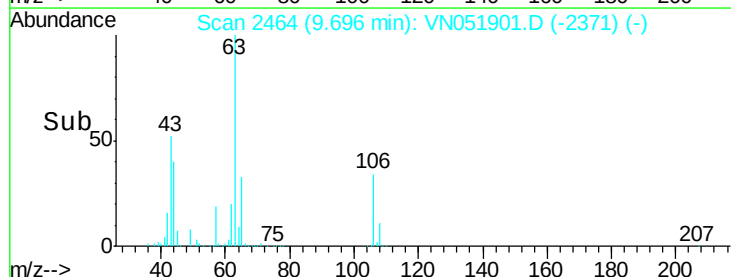
300000

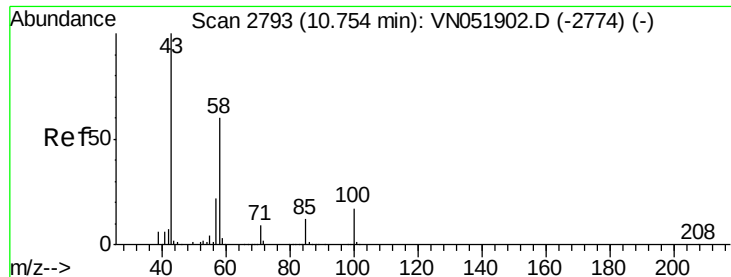
200000

100000

0

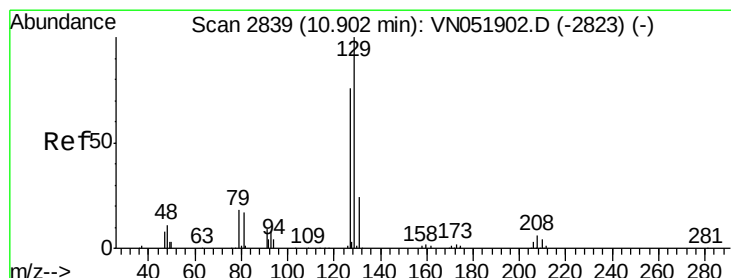
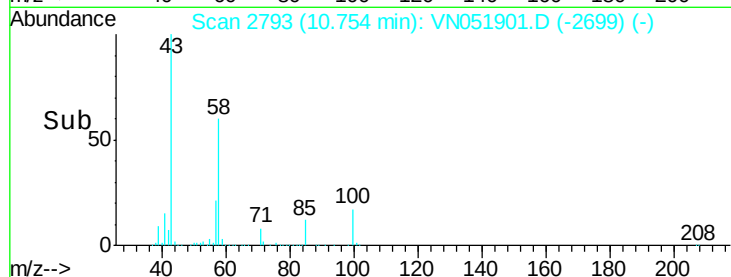
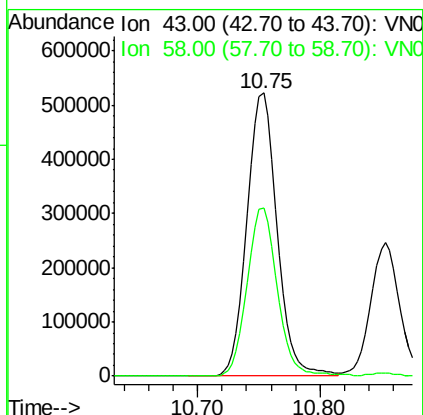
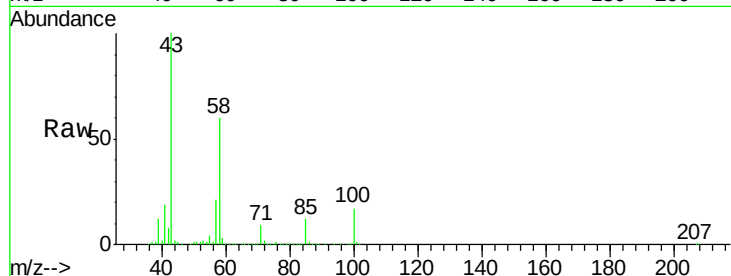
Time--> 9.60 9.70 9.80





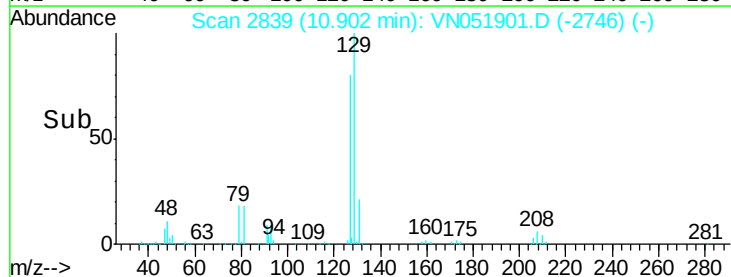
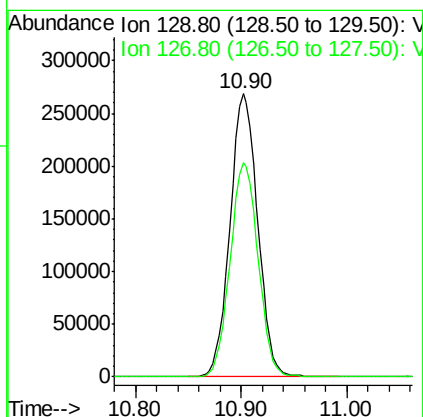
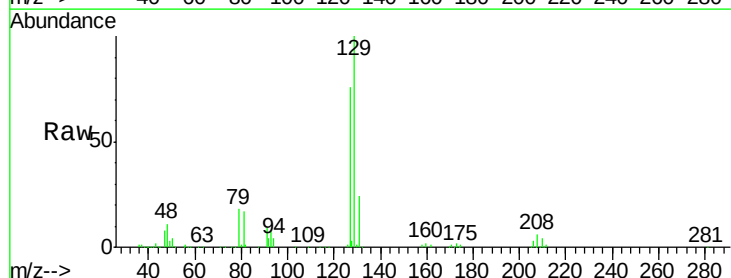
#59
2-Hexanone
Concen: 253.19 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

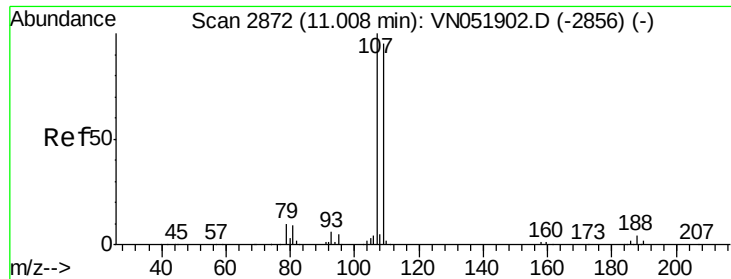
Tot Ion: 43 Resp: 886027
Ion Ratio Lower Upper
43 100
58 59.7 28.3 85.0



#60
Dibromochloromethane
Concen: 49.69 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion: 129 Resp: 487757
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 51.87 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051901.D

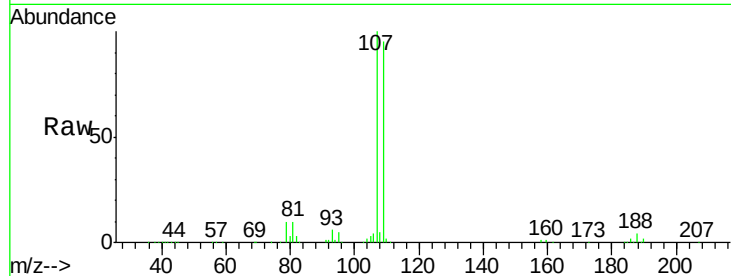
Acq: 17 Oct 2018 10:10

Tot Ion: 107 Resp: 424382

Ion Ratio Lower Upper

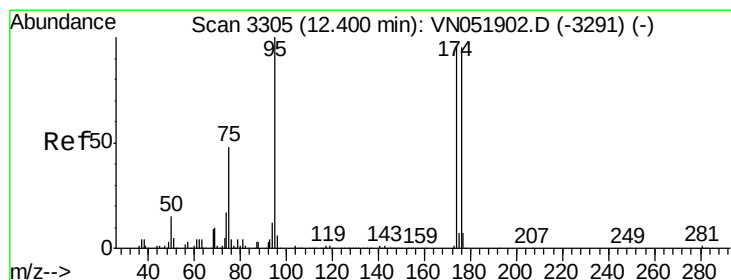
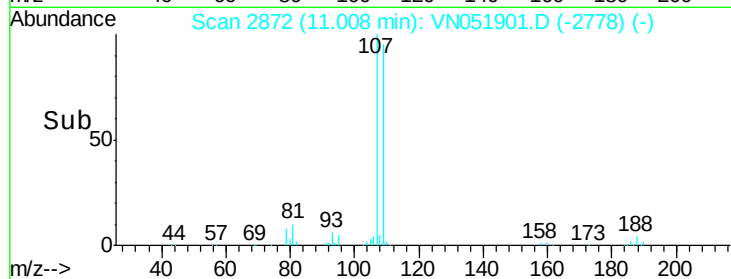
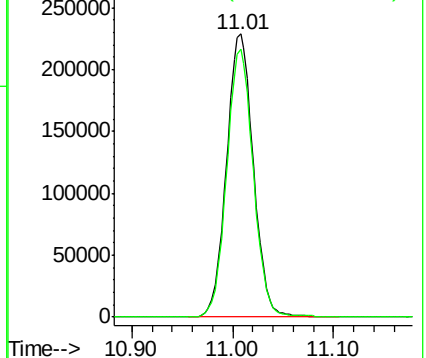
107 100

109 93.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.87 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

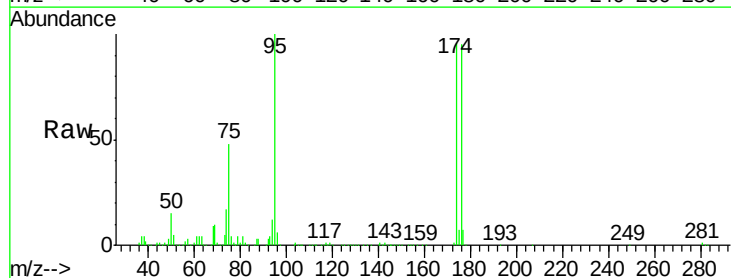
Tgt Ion: 95 Resp: 541896

Ion Ratio Lower Upper

95 100

174 97.5 0.0 183.0

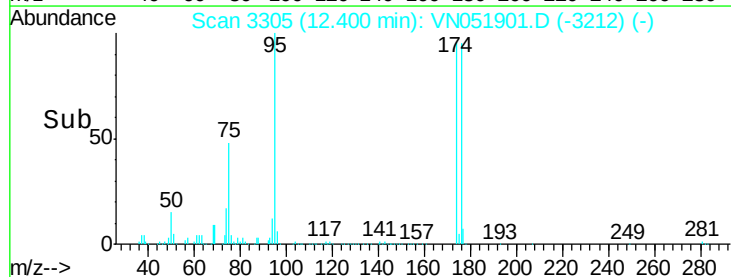
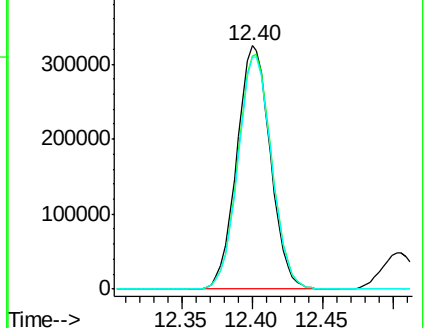
176 95.7 0.0 178.8

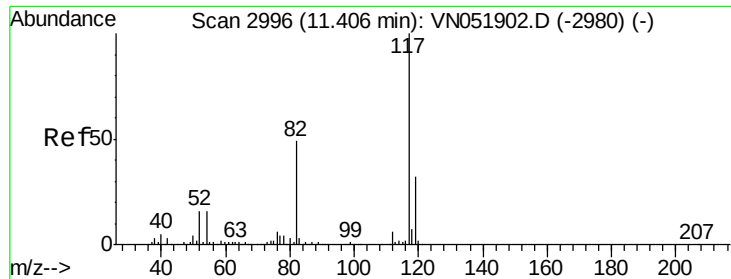


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

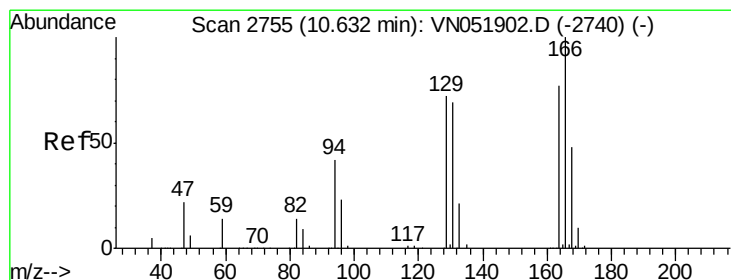
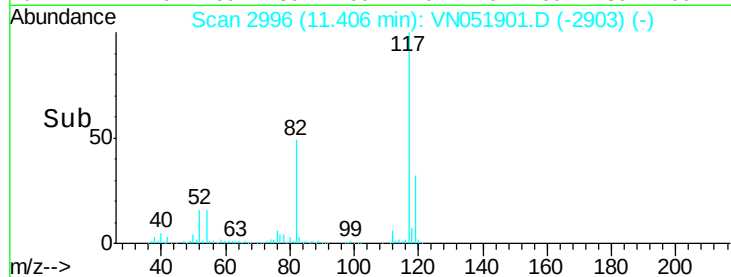
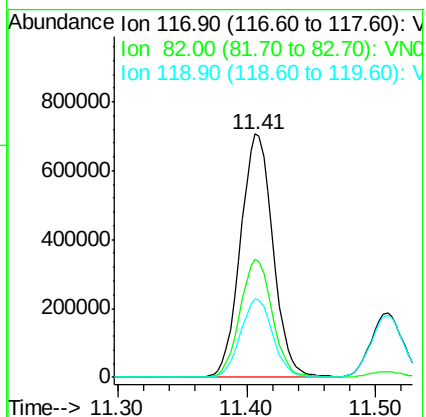
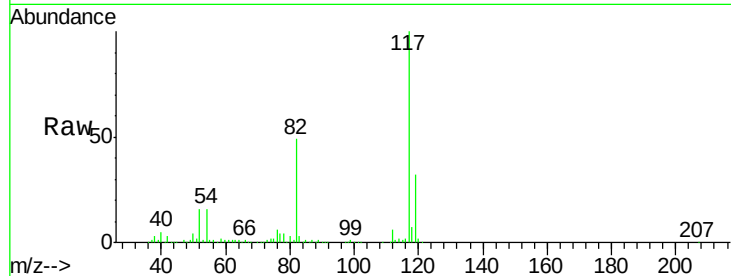




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tot Ion:117 Resp: 1241154

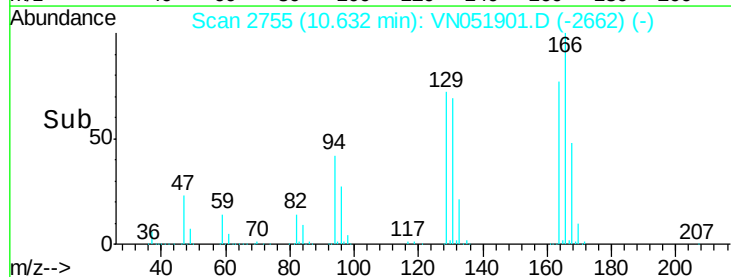
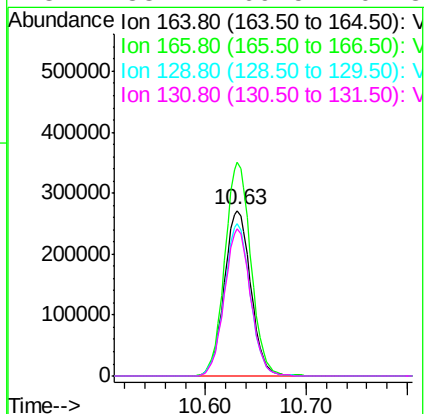
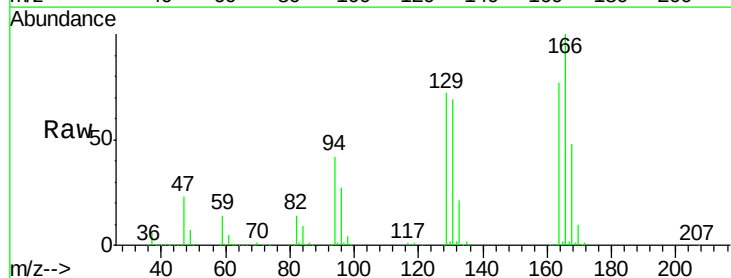
Ion	Ratio	Lower	Upper
117	100		
82	48.6	42.6	64.0
119	32.4	25.8	38.6

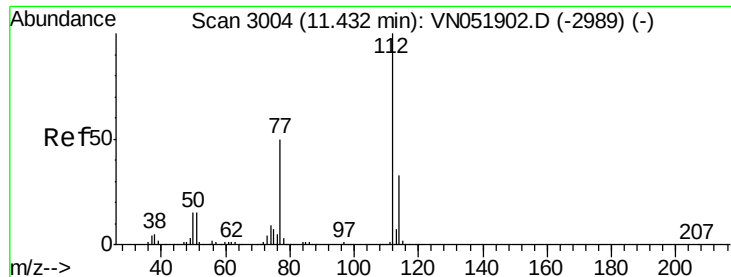


#64
Tetrachloroethene
Concen: 50.26 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion:164 Resp: 496228

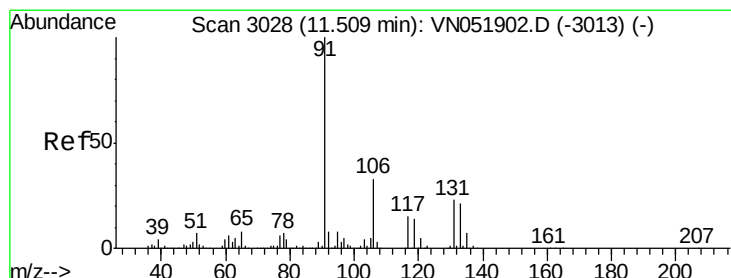
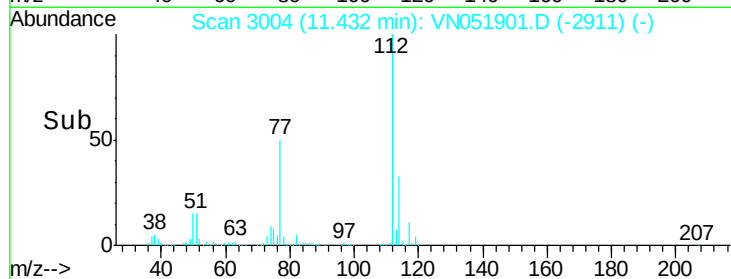
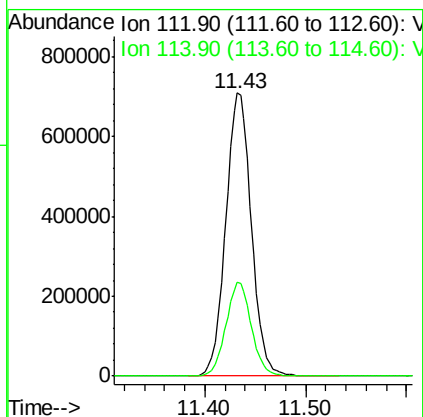
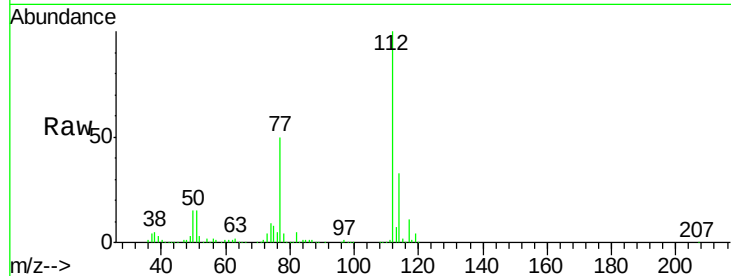
Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.5	155.3
129	92.4	72.7	109.1
131	88.7	69.5	104.3





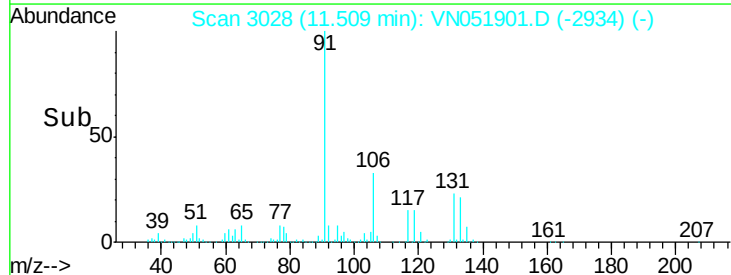
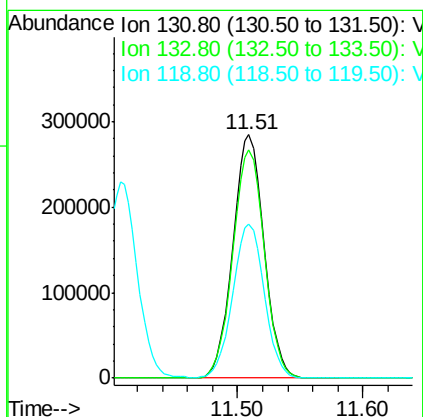
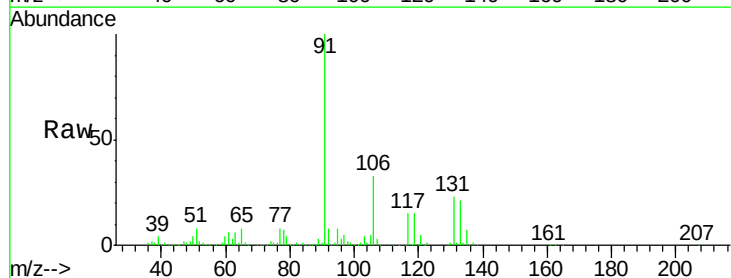
#65
Chlorobenzene
Concen: 50.74 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

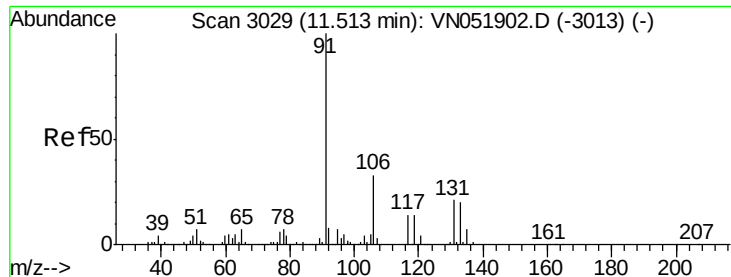
Tot Ion:112 Resp: 1252786
Ion Ratio Lower Upper
112 100
114 33.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.47 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion:131 Resp: 490518
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 64.3 32.8 98.4





#67

Ethyl Benzene

Concen: 50.90 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051901.D

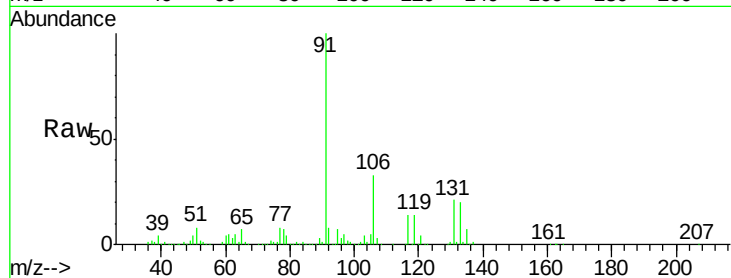
Acq: 17 Oct 2018 10:10

Tot Ion: 91 Resp: 2100144

Ion Ratio Lower Upper

91 100

106 33.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN051902.D (-3013) (-)

Ion 106.00 (105.70 to 106.70): VN051902.D (-3013) (-)

2000000

1500000

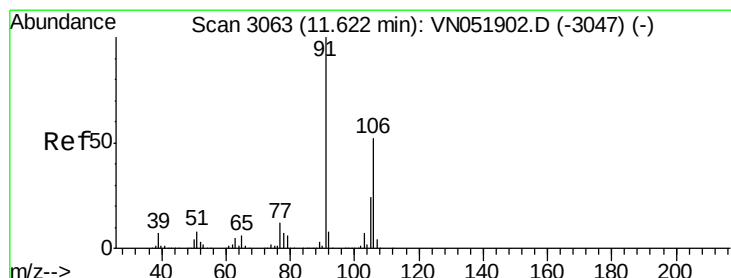
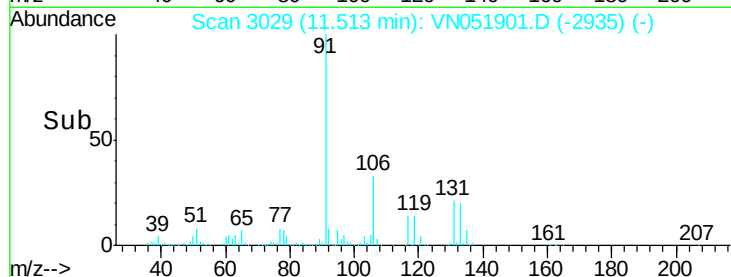
1000000

500000

0

11.45 11.50 11.55 11.60

Time-->



#68

m/p-Xylenes

Concen: 102.95 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051901.D

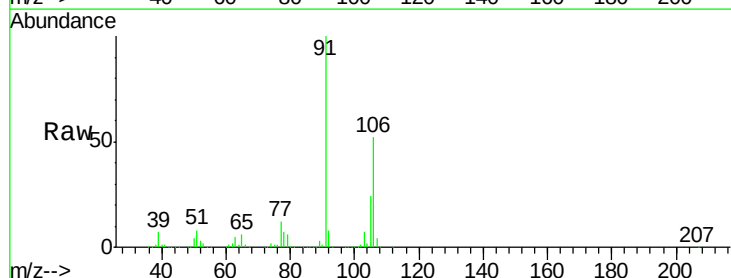
Acq: 17 Oct 2018 10:10

Tgt Ion: 106 Resp: 1731419

Ion Ratio Lower Upper

106 100

91 192.0 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VN051902.D (-3047) (-)

Ion 91.00 (90.70 to 91.70): VN051902.D (-3047) (-)

2000000

1500000

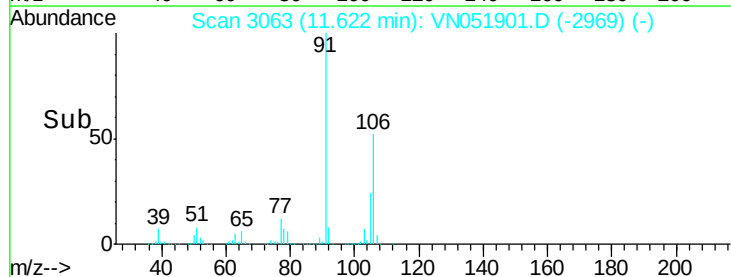
1000000

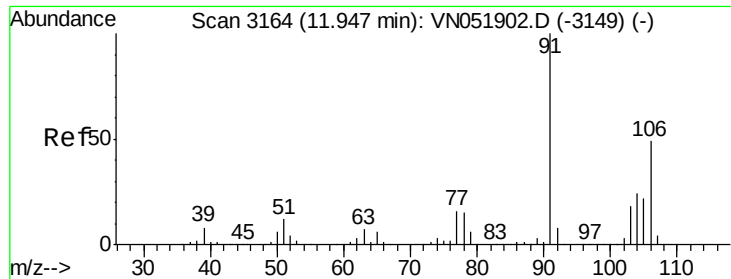
500000

0

11.50 11.60 11.70

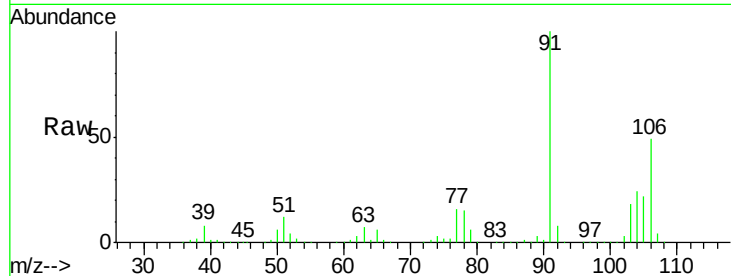
Time-->



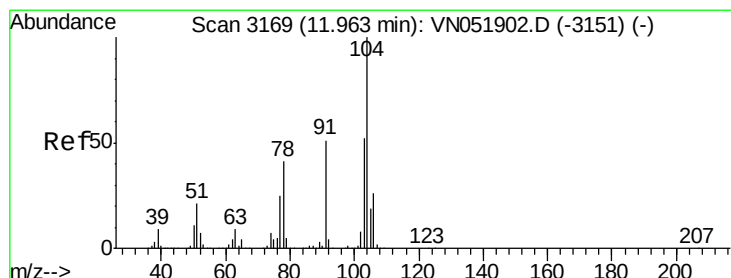
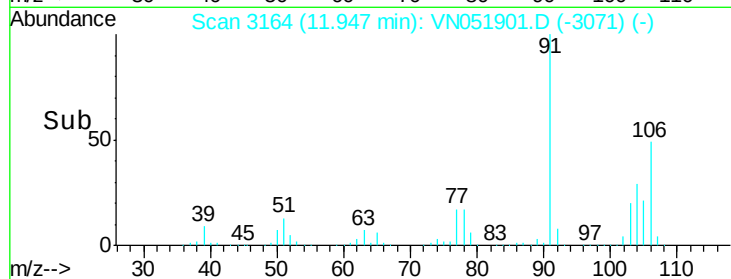
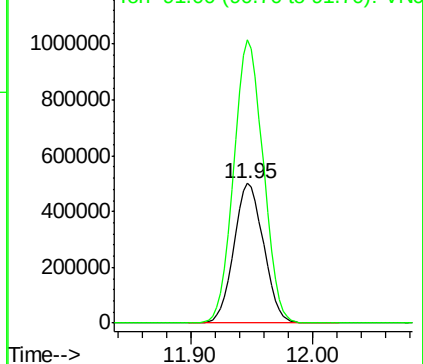


#69
o-Xylene
Concen: 51.41 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tot Ion:106 Resp: 846012
Ion Ratio Lower Upper
106 100
91 201.4 106.5 319.5

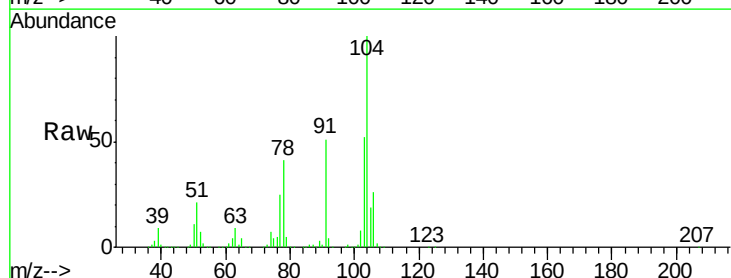


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

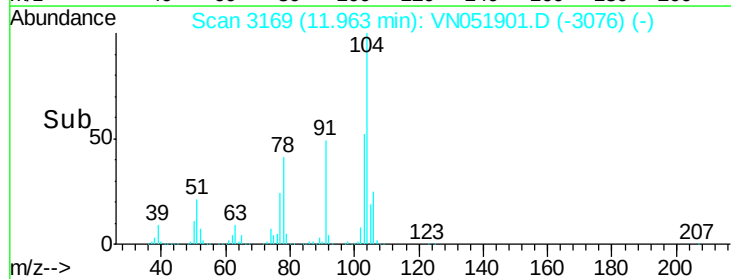
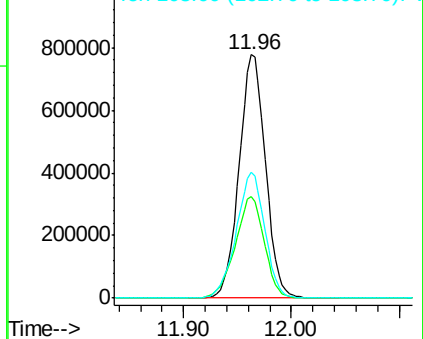


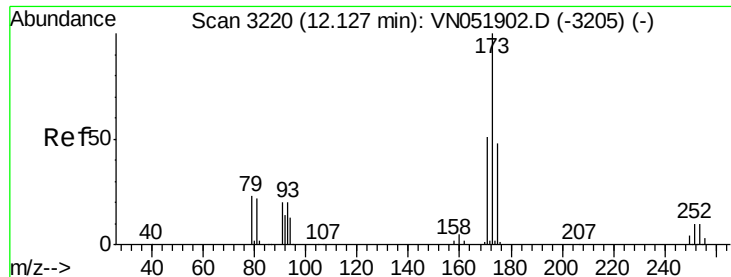
#70
Styrene
Concen: 51.14 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion:104 Resp: 1324587
Ion Ratio Lower Upper
104 100
78 45.8 38.2 57.4
103 55.8 44.4 66.6



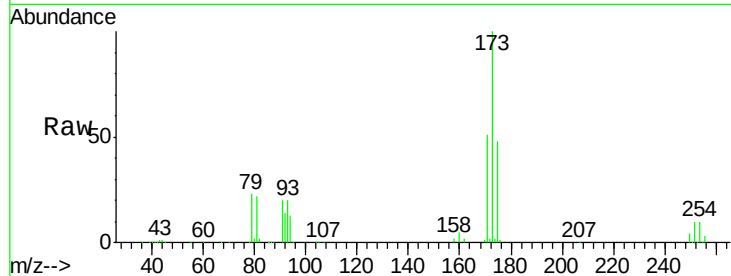
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



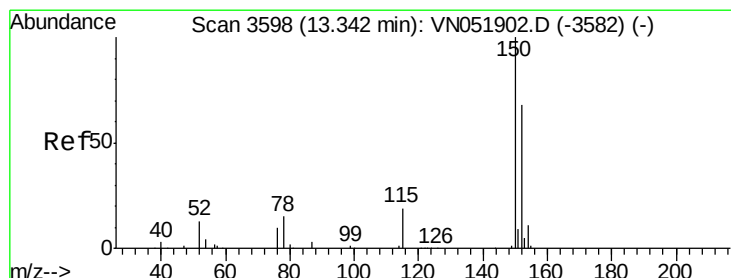
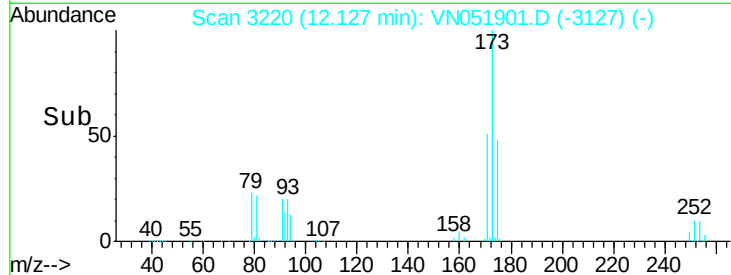
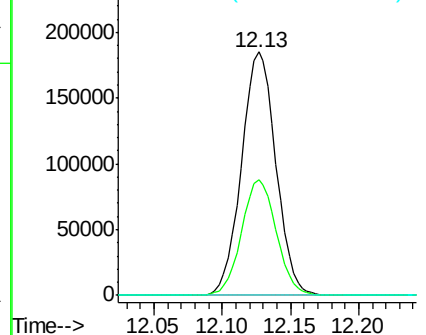


#71
 Bromoform
 Concen: 52.00 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.4	73.4
254	0.2	0.1	0.1#

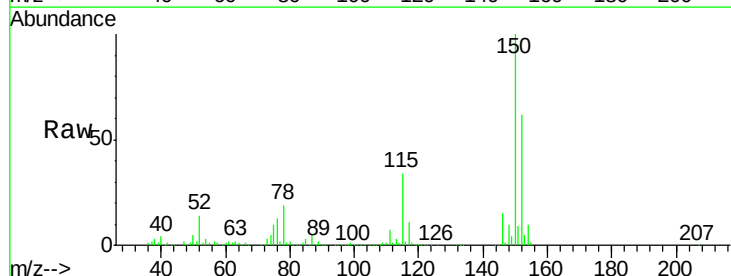


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

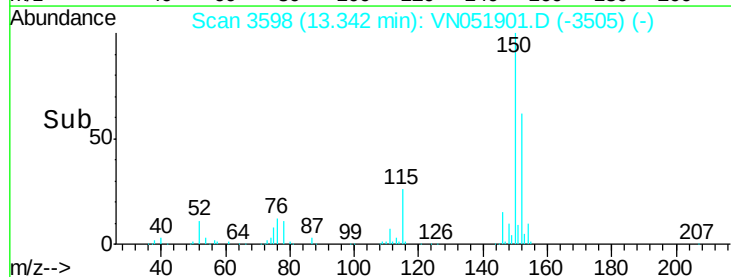
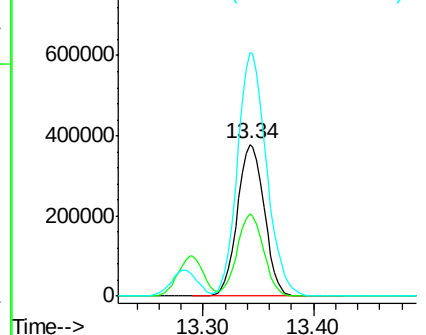


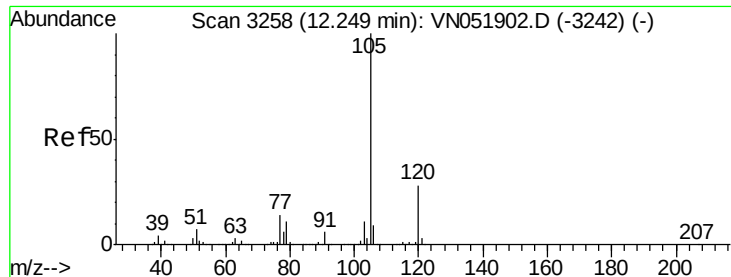
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.8	83.4
150	173.2	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: 52.32 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051901.D

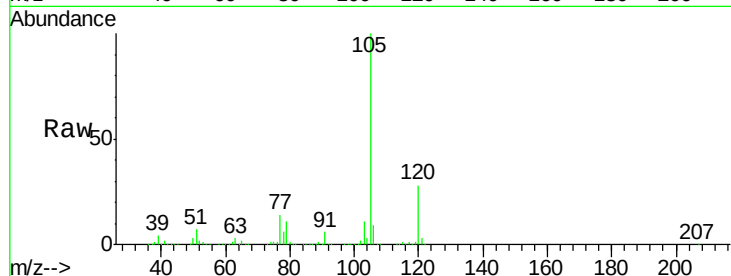
Acq: 17 Oct 2018 10:10

Tot Ion:105 Resp: 2262796

Ion Ratio Lower Upper

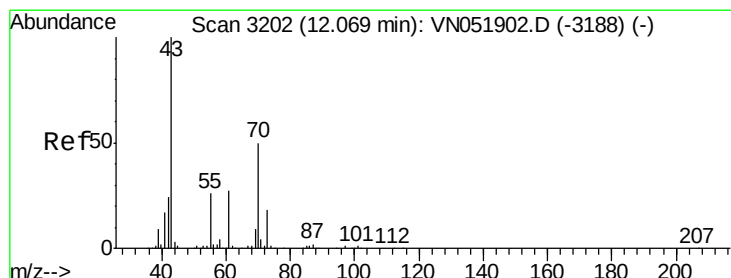
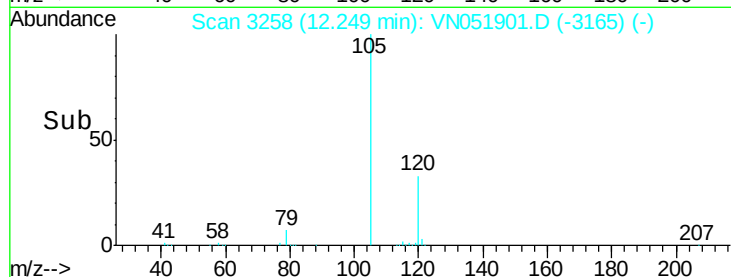
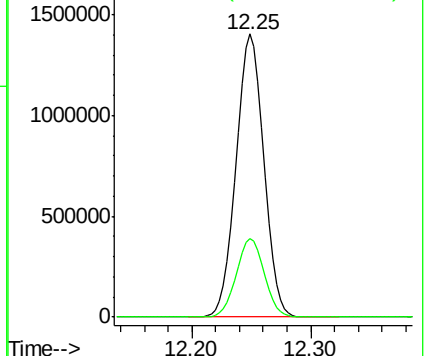
105 100

120 27.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.35 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion: 43 Resp: 423035

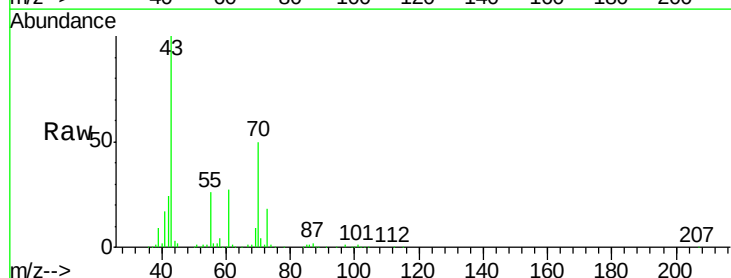
Ion Ratio Lower Upper

43 100

70 50.1 36.2 54.2

55 26.2 21.8 32.8

61 26.7 20.5 30.7

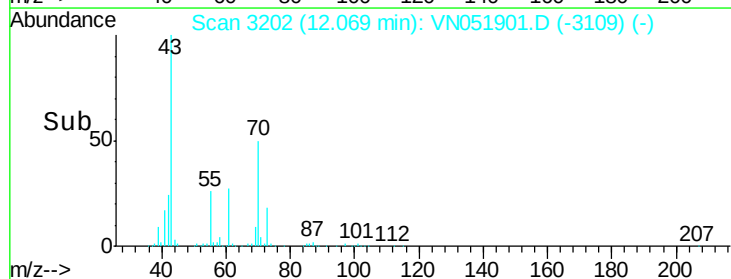
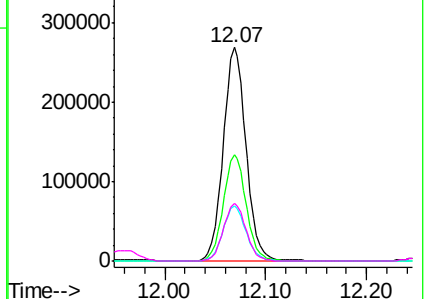


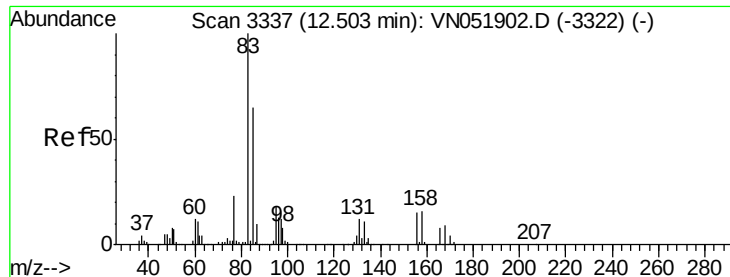
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 56.52 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

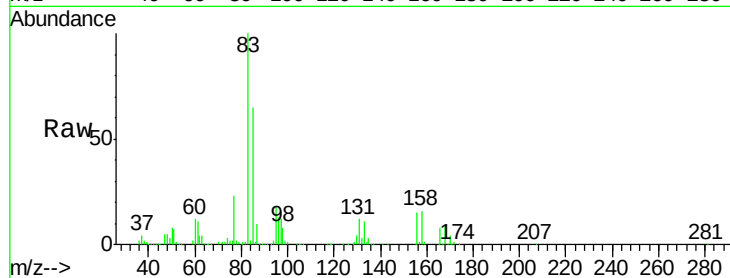
Tot Ion: 83 Resp: 468405

Ion	Ratio	Lower	Upper
83	100		
131	12.4	5.3	15.9
85	65.1	31.9	95.7

83 100

131 12.4 5.3 15.9

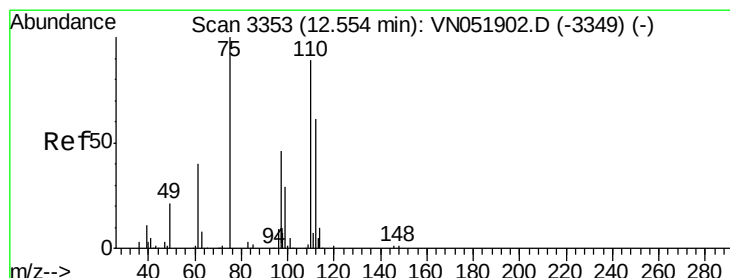
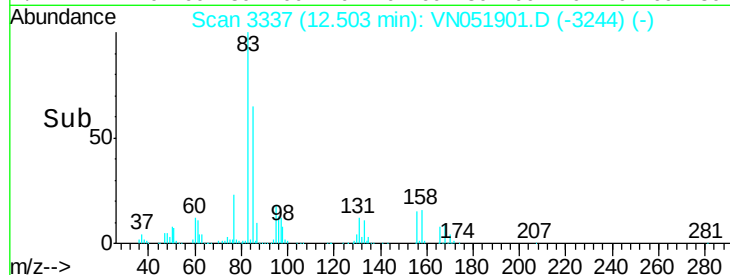
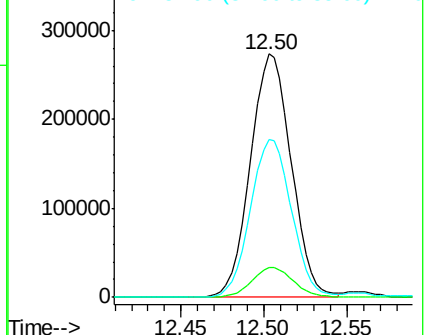
85 65.1 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN051901.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN051901.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN051901.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 86.16 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051901.D

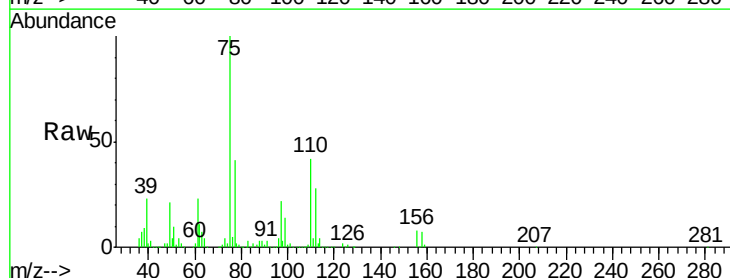
Acq: 17 Oct 2018 10:10

Tgt Ion: 75 Resp: 559909

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

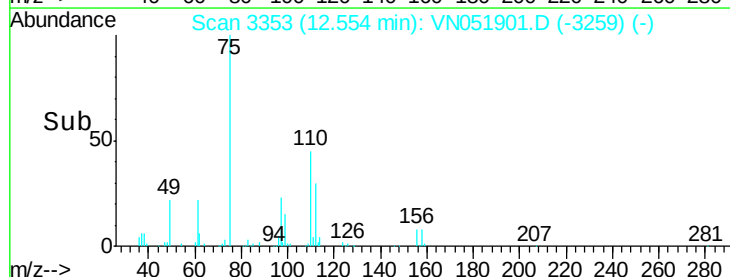
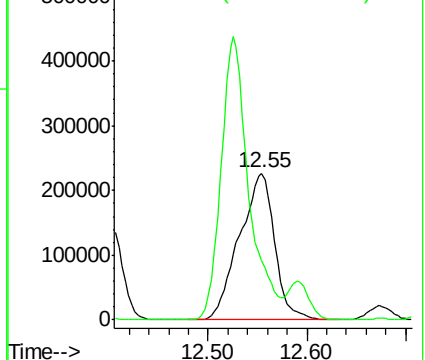
75 100

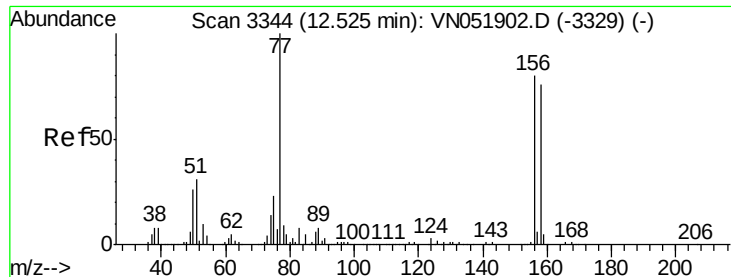
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051901.D (-3259) (-)

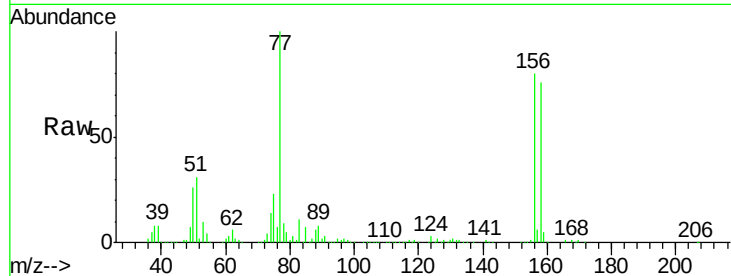
Ion 77.00 (76.70 to 77.70): VN051901.D (-3259) (-)



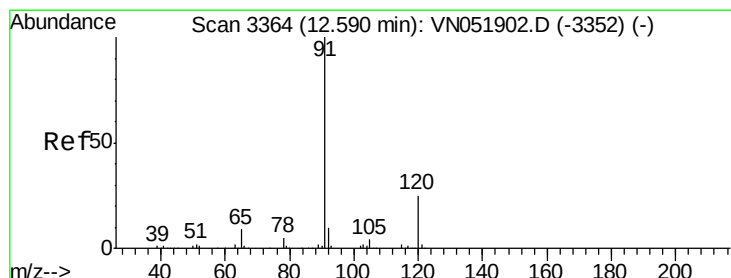
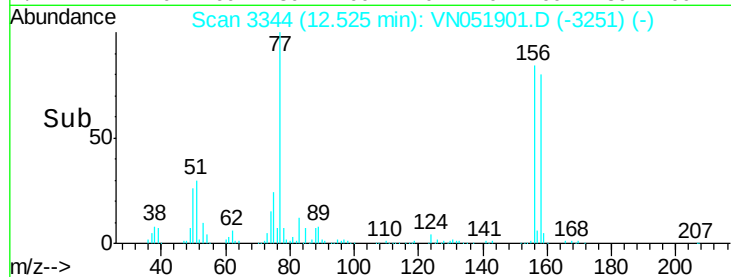
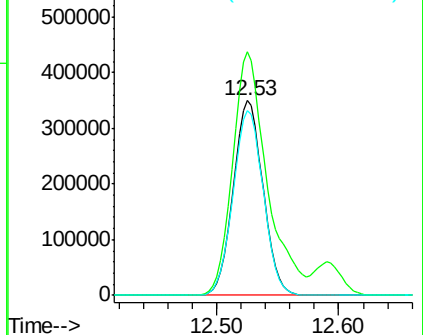


#77
Bromobenzene
Concen: 53.98 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tot Ion:156 Resp: 589971
Ion Ratio Lower Upper
156 100
77 146.0 89.9 269.7
158 96.7 49.3 147.9

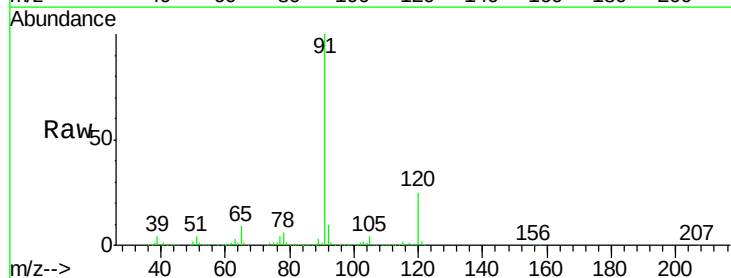


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

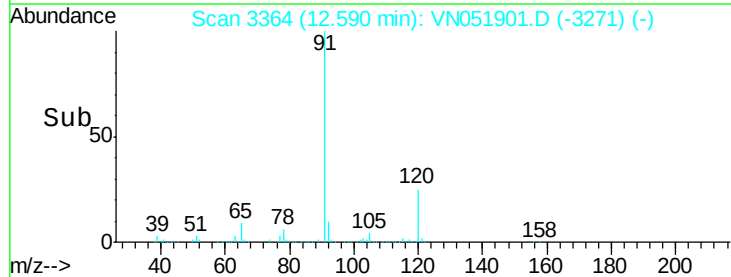
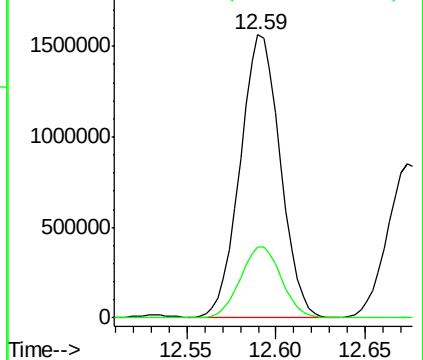


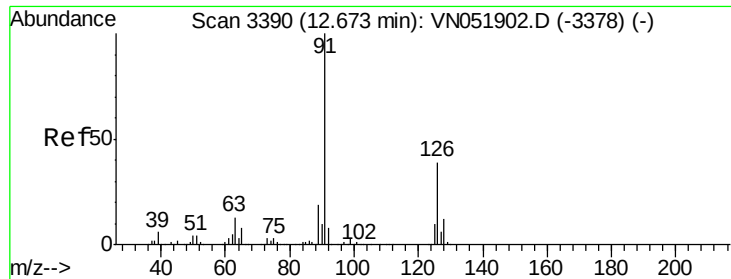
#78
n-propylbenzene
Concen: 51.80 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion: 91 Resp: 2445419
Ion Ratio Lower Upper
91 100
120 25.8 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: 52.23 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051901.D

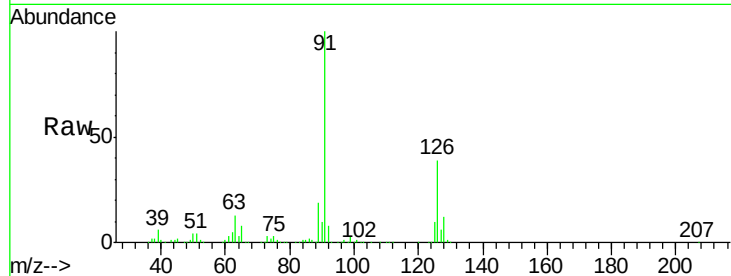
Acq: 17 Oct 2018 10:10

Tot Ion: 91 Resp: 1417520

Ion Ratio Lower Upper

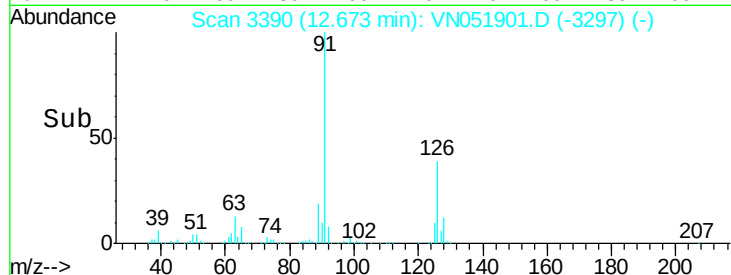
91 100

126 39.1 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN051901.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN051901.D (-3390) (-)

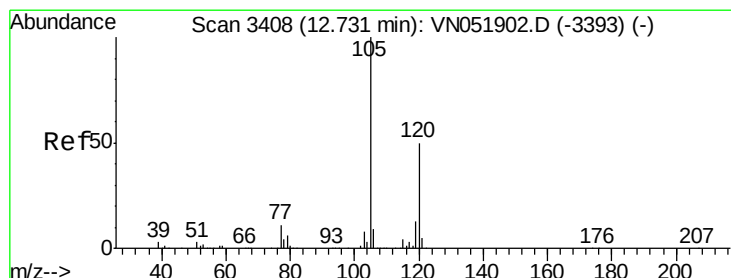


Abundance Ion 91.00 (90.70 to 91.70): VN051901.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN051901.D (-3390) (-)

12.67

Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 52.22 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051901.D

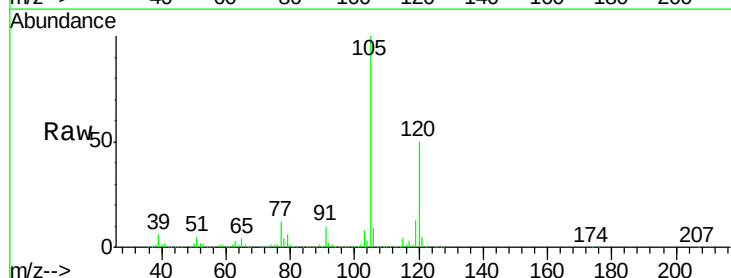
Acq: 17 Oct 2018 10:10

Tgt Ion: 105 Resp: 1891262

Ion Ratio Lower Upper

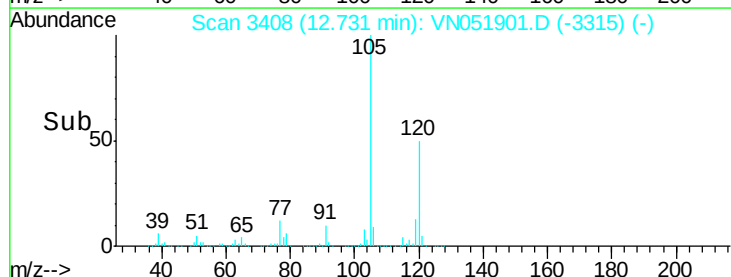
105 100

120 50.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051901.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN051901.D (-3408) (-)

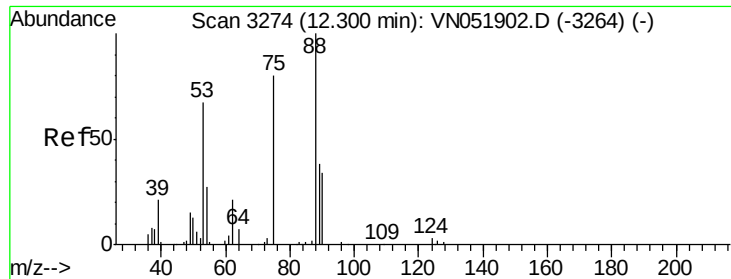


Abundance Ion 105.00 (104.70 to 105.70): VN051901.D (-3408) (-)

Ion 120.00 (119.70 to 120.70): VN051901.D (-3408) (-)

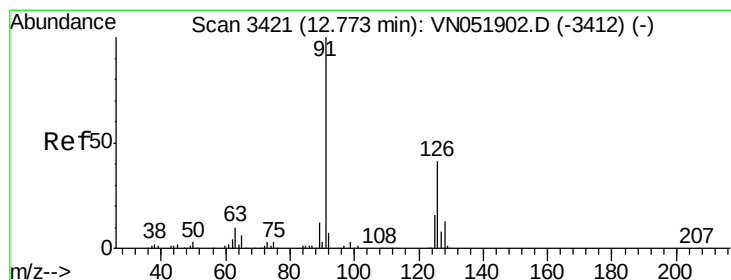
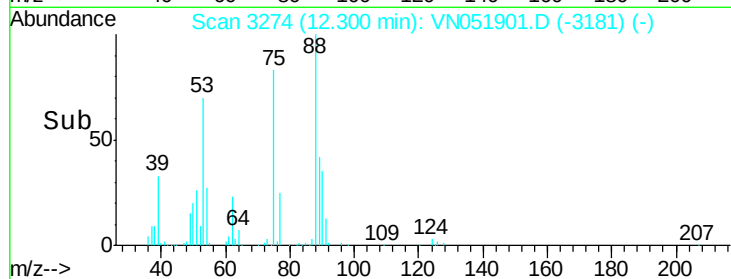
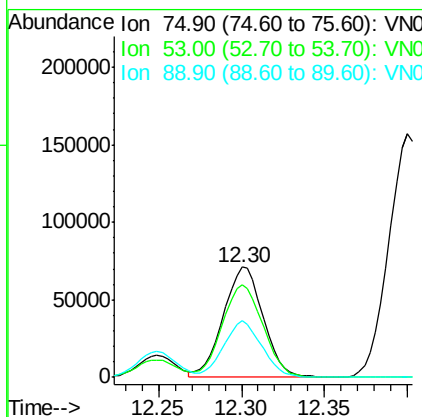
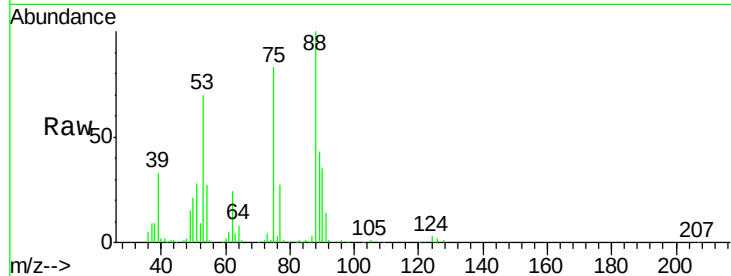
12.73

Time--> 12.65 12.70 12.75 12.80



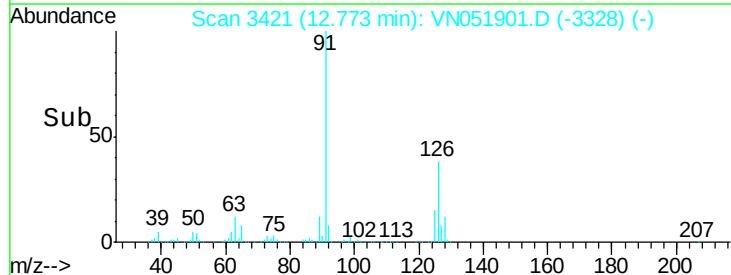
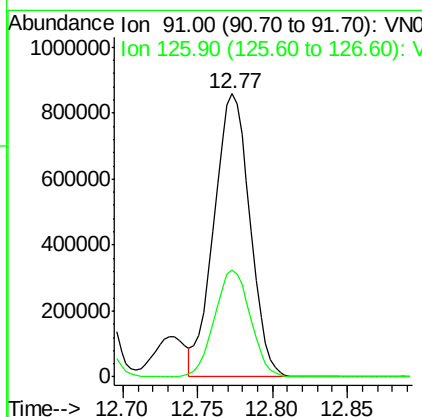
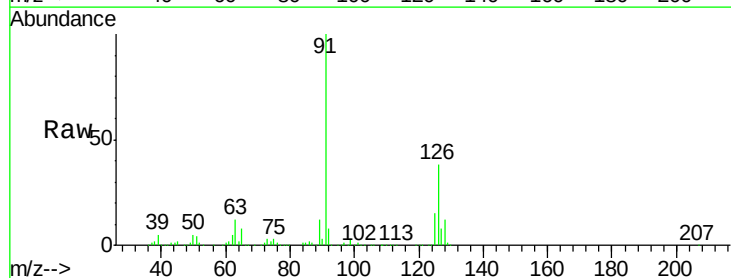
#81
trans-1,4-Dichloro-2-butene
Concen: 53.14 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

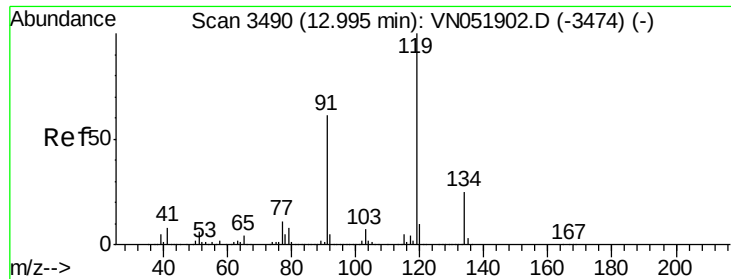
Tot Ion: 75 Resp: 119750
Ion Ratio Lower Upper
75 100
53 85.6 68.9 103.3
89 48.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 52.17 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051901.D
Acq: 17 Oct 2018 10:10

Tgt Ion: 91 Resp: 1433852
Ion Ratio Lower Upper
91 100
126 37.8 17.5 52.5





#83

tert-Butylbenzene

Concen: 51.92 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

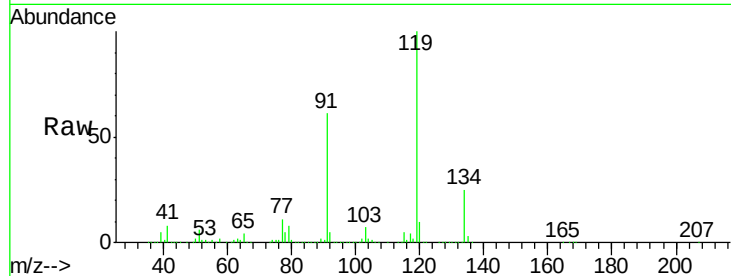
Tot Ion:119 Resp: 1722150

Ion Ratio Lower Upper

119 100

91 60.6 31.6 94.7

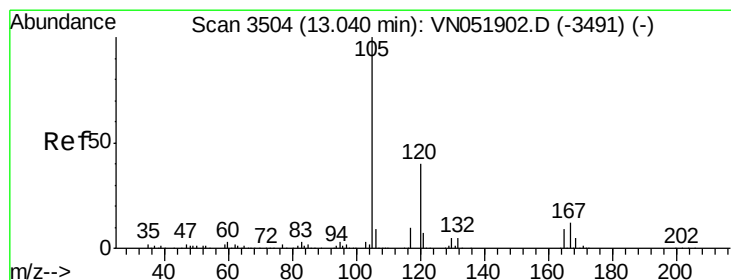
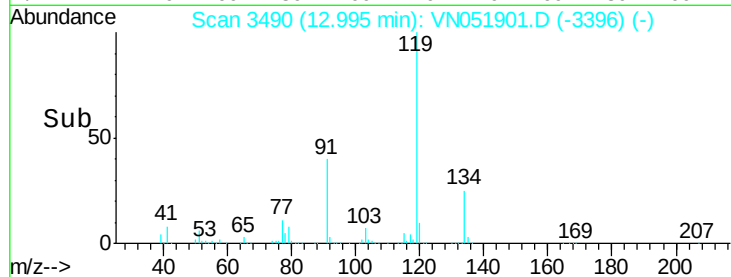
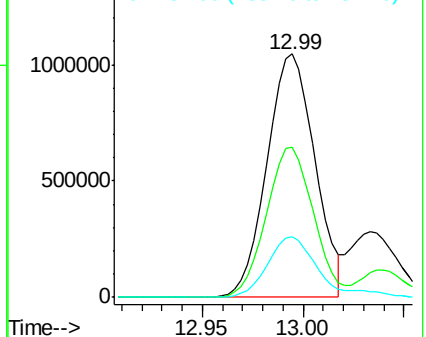
134 26.7 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN051901.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN051901.D (-3396) (-)



#84

1,2,4-Trimethylbenzene

Concen: 52.01 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051901.D

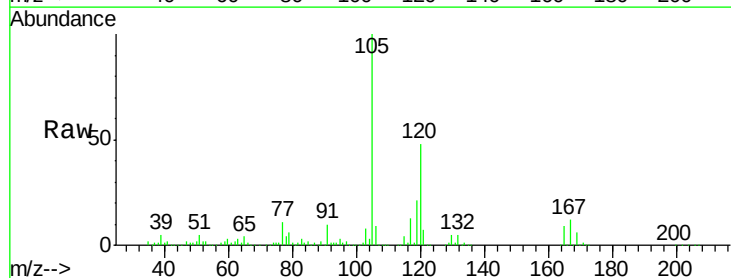
Acq: 17 Oct 2018 10:10

Tgt Ion:105 Resp: 1910324

Ion Ratio Lower Upper

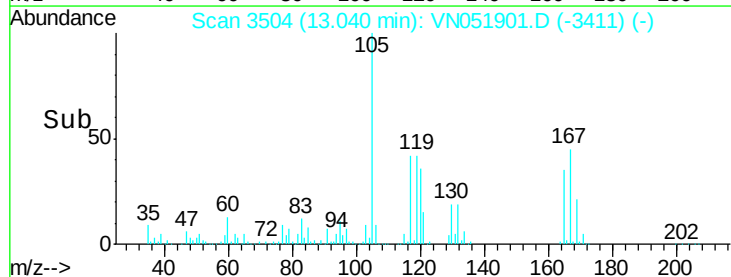
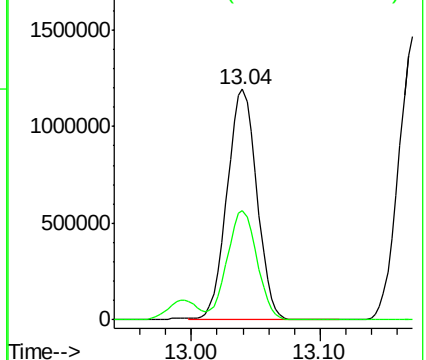
105 100

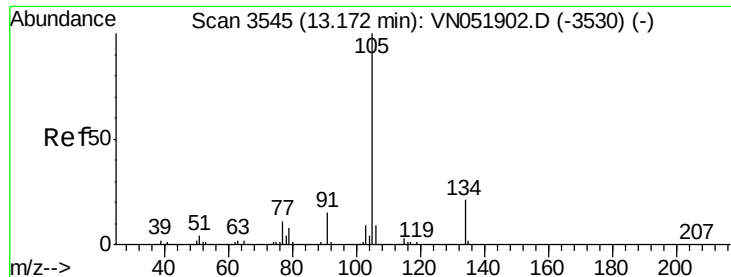
120 47.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): VN051901.D (-3411) (-)





#85

sec-Butylbenzene

Concen: 52.24 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051901.D

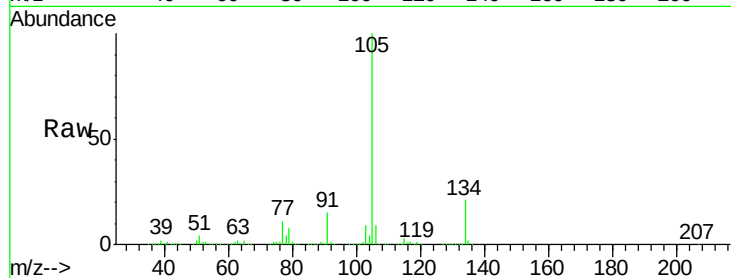
Acq: 17 Oct 2018 10:10

Tot Ion:105 Resp: 2298048

Ion Ratio Lower Upper

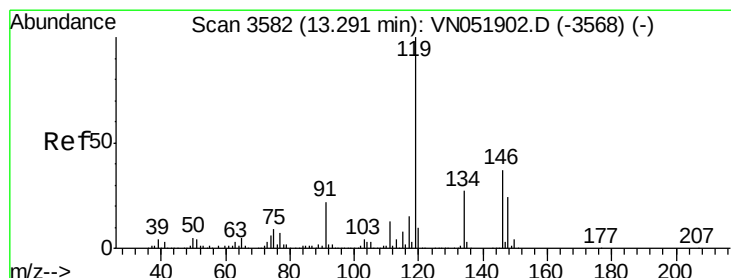
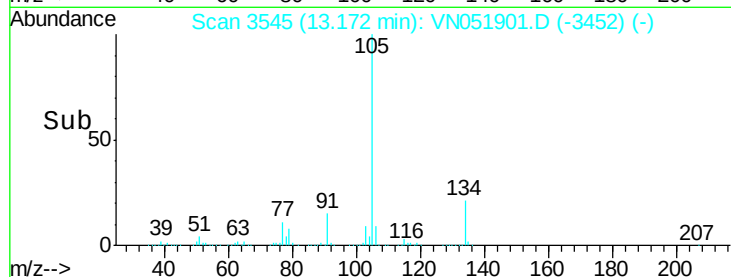
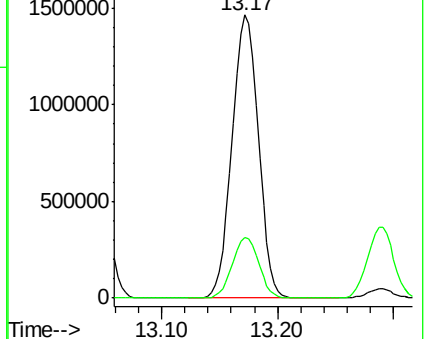
105 100

134 21.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.15 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

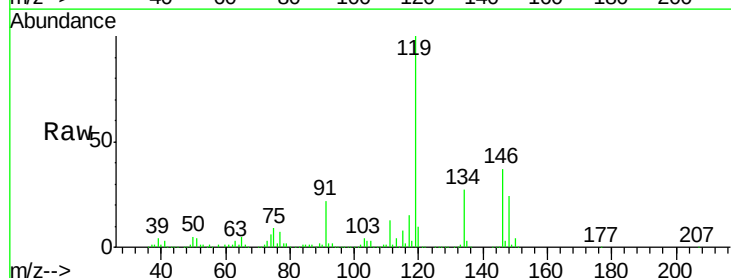
Tgt Ion:119 Resp: 2080687

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

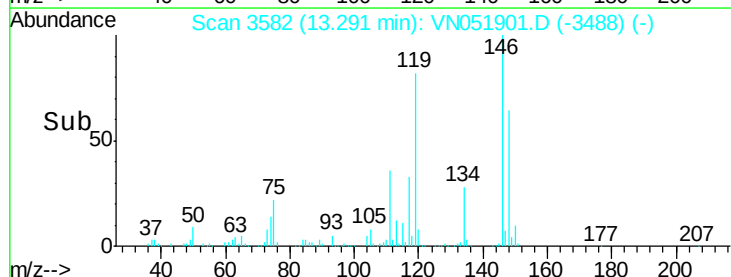
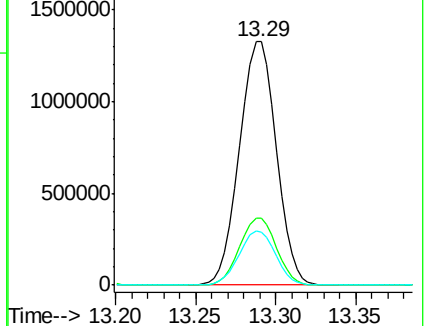
91 21.9 11.2 33.5

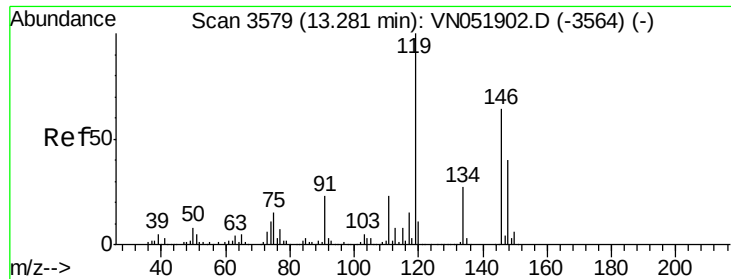


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.11 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

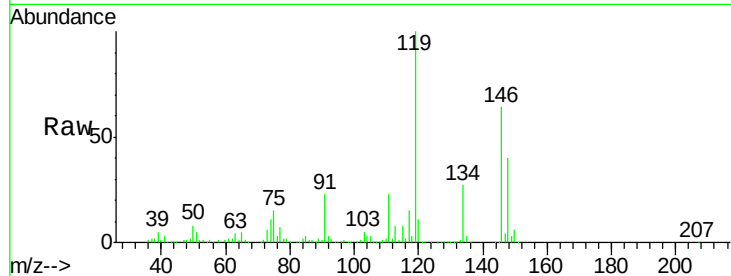
Tot Ion:146 Resp: 1055584

Ion	Ratio	Lower	Upper
146	100		
111	36.5	19.1	57.3
148	63.8	32.2	96.6

146 100

111 36.5 19.1 57.3

148 63.8 32.2 96.6

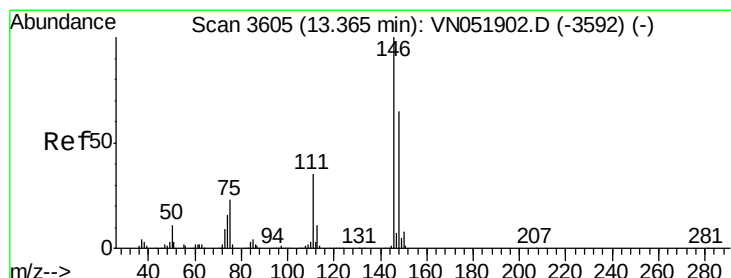
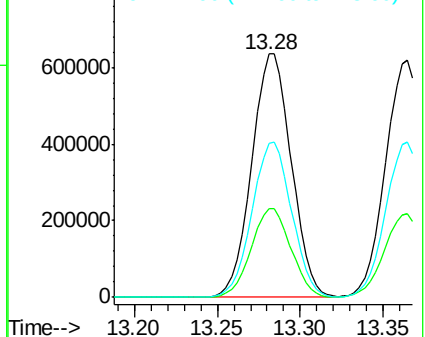
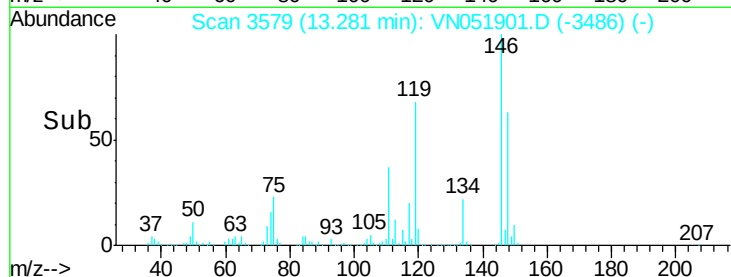


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 53.26 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

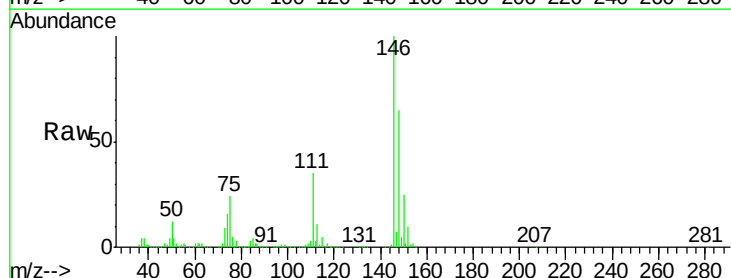
Tgt Ion:146 Resp: 1020708

Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.8	56.3
148	65.5	32.2	96.6

146 100

111 35.8 18.8 56.3

148 65.5 32.2 96.6

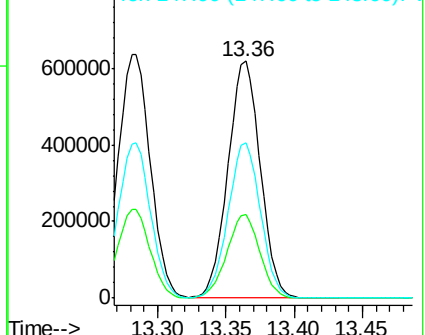
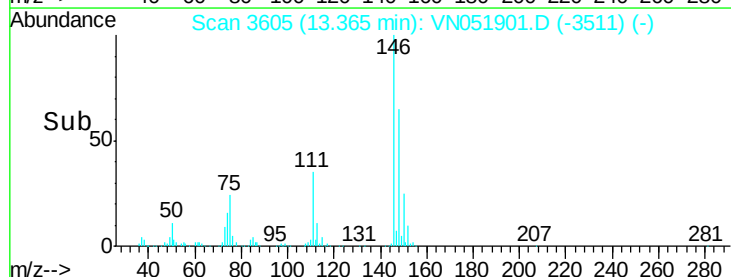


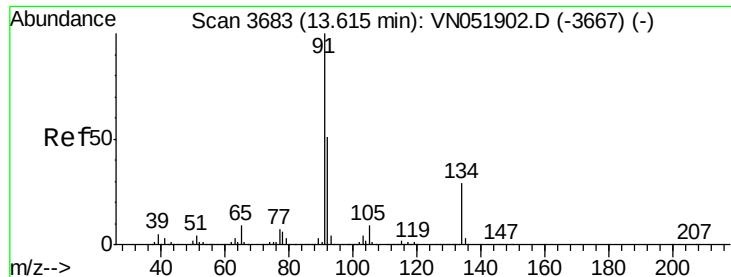
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.19 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

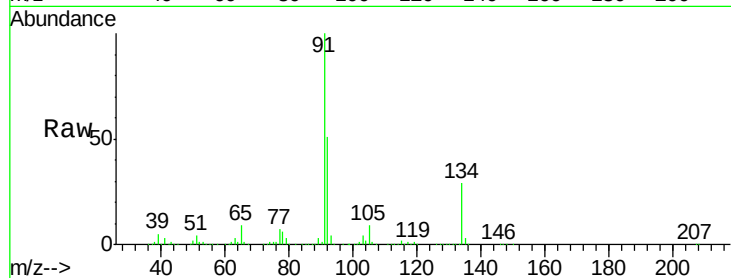
Tot Ion: 91 Resp: 1586353

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.2

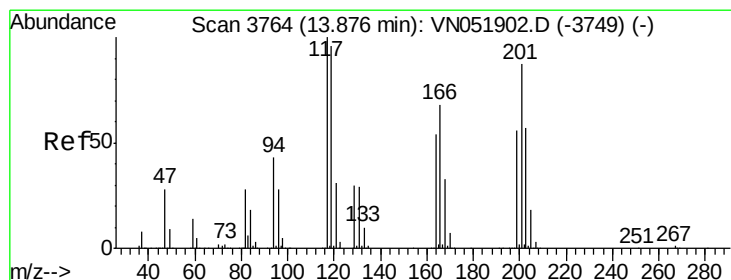
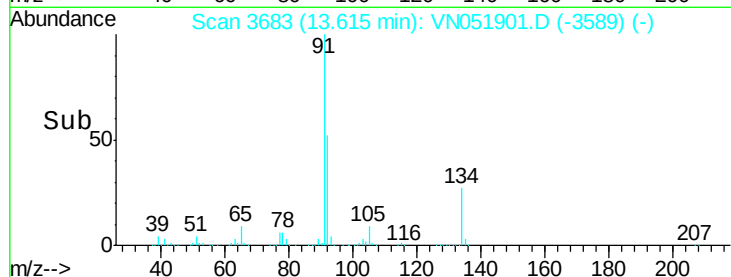
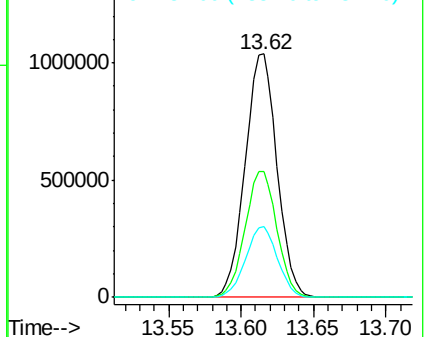
134 29.2 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VN051902.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051902.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051902.D (-3667) (-)



#90

Hexachloroethane

Concen: 50.07 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051901.D

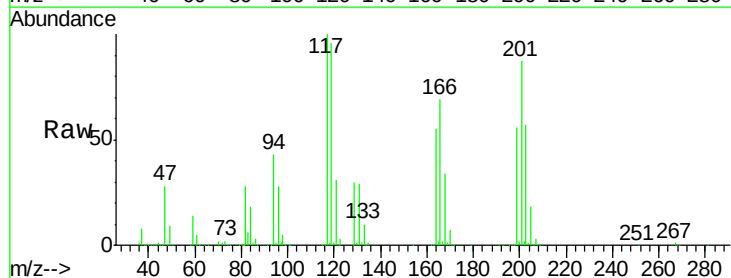
Acq: 17 Oct 2018 10:10

Tgt Ion: 117 Resp: 340030

Ion Ratio Lower Upper

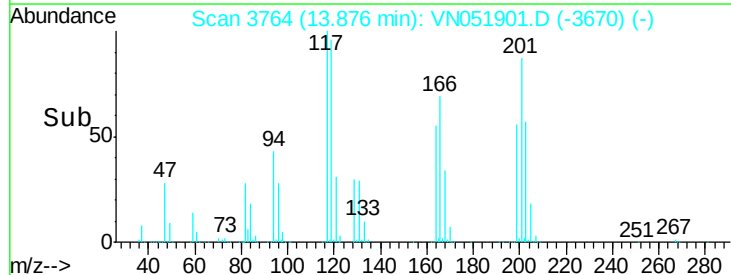
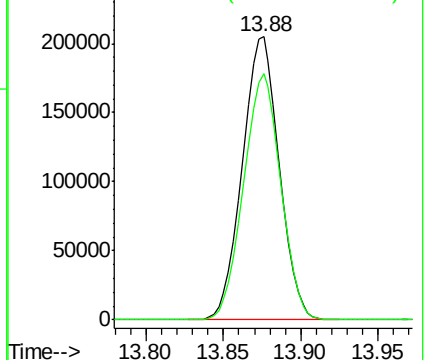
117 100

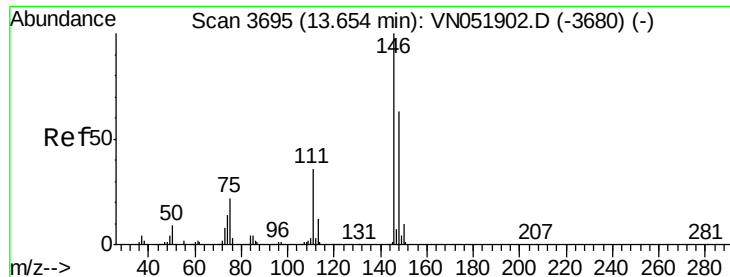
201 87.5 46.0 137.8



Abundance Ion 116.80 (116.50 to 117.50): VN051902.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN051902.D (-3749) (-)

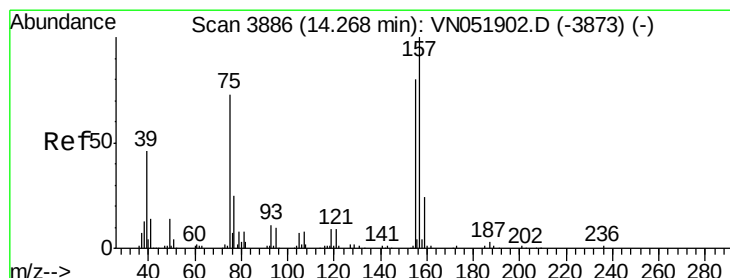
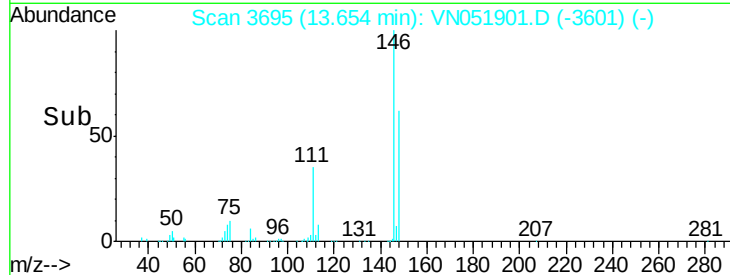
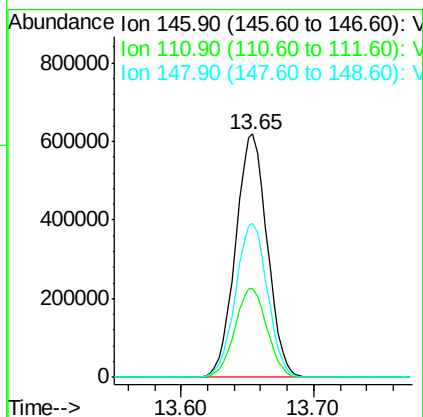
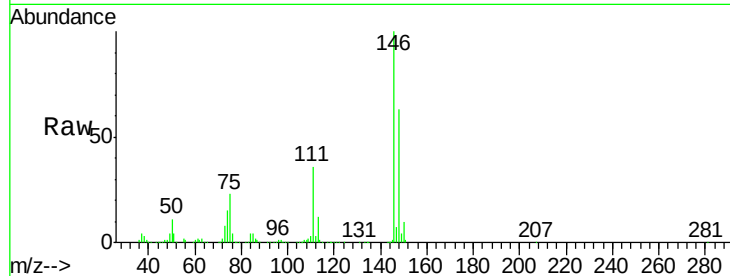




#91
 1,2-Dichlorobenzene
 Concen: 53.45 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tot Ion:146 Resp: 1024289

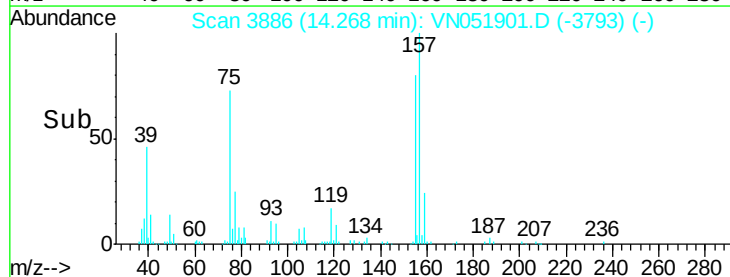
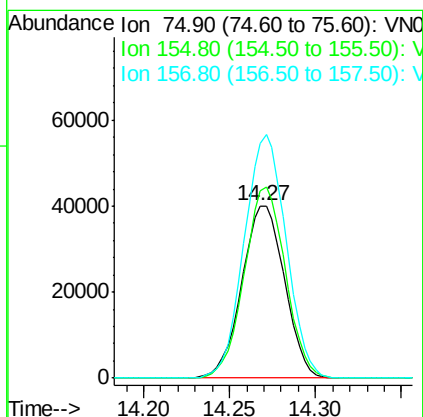
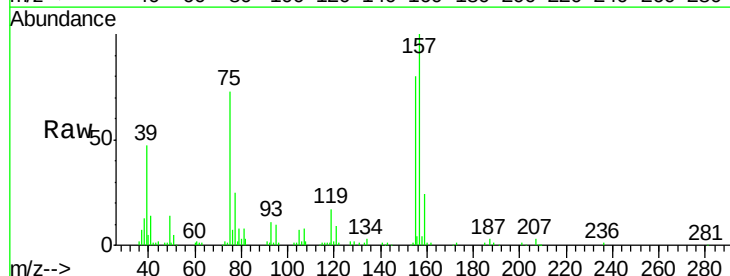
Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.8	59.3
148	64.1	32.3	96.8

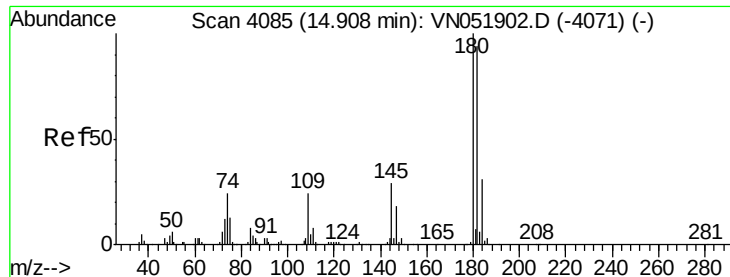


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.15 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion: 75 Resp: 69155

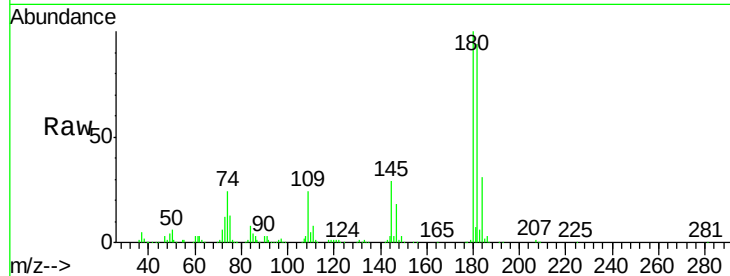
Ion	Ratio	Lower	Upper
75	100		
155	106.8	46.4	139.1
157	138.6	60.7	182.0



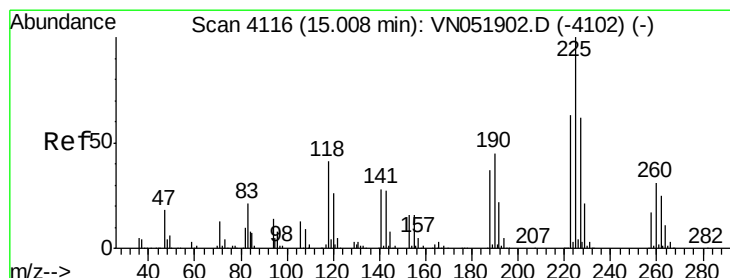
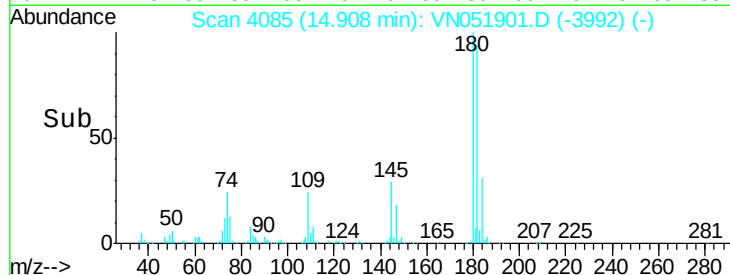
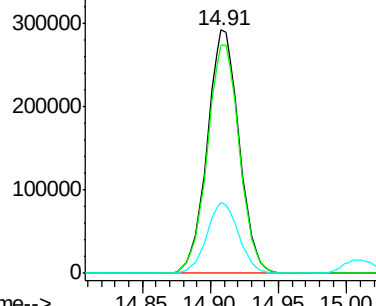


#93
 1,2,4-Trichlorobenzene
 Concen: 52.93 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tot Ion:180	Resp:	470857
Ion	Ratio	Lower Upper
180	100	
182	94.6	48.2 144.6
145	29.0	14.1 42.2

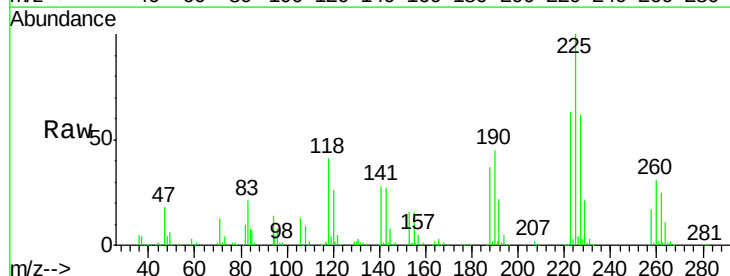


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

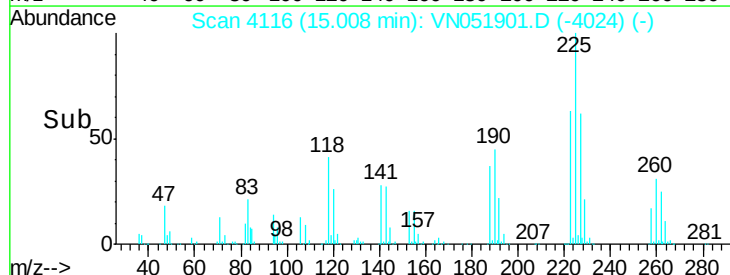
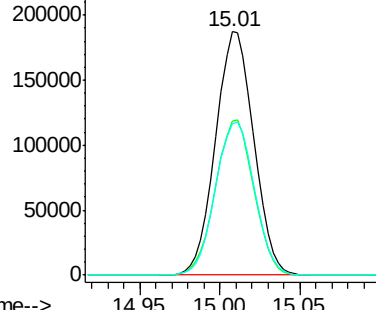


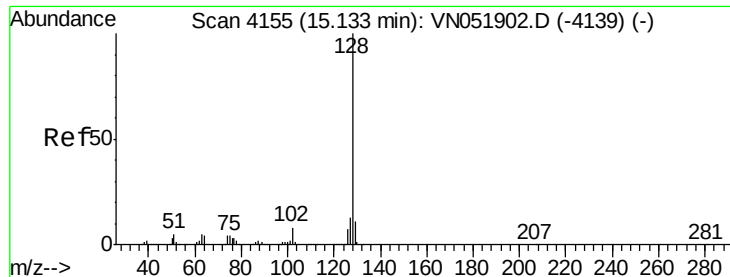
#94
 Hexachlorobutadiene
 Concen: 51.27 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051901.D
 Acq: 17 Oct 2018 10:10

Tgt Ion:225	Resp:	305678
Ion	Ratio	Lower Upper
225	100	
223	64.1	31.3 93.8
227	63.9	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: 56.73 ug/l

RT: 15.13 min Scan# 4155

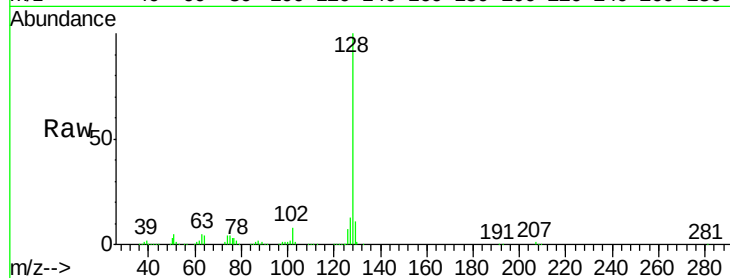
Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tot Ion:128 Resp: 945809

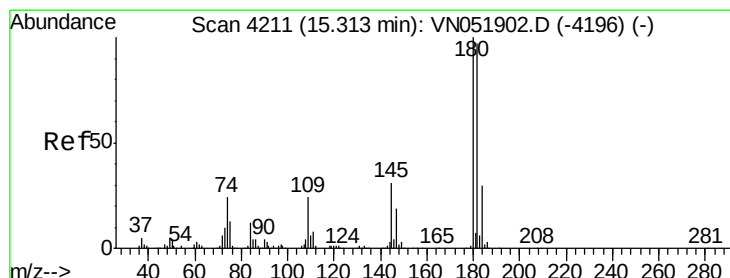
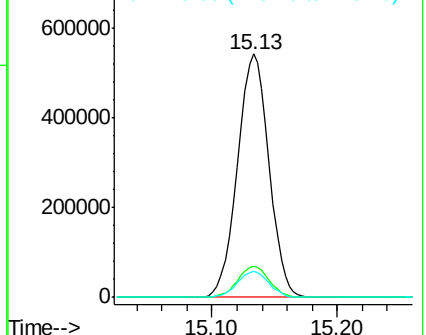
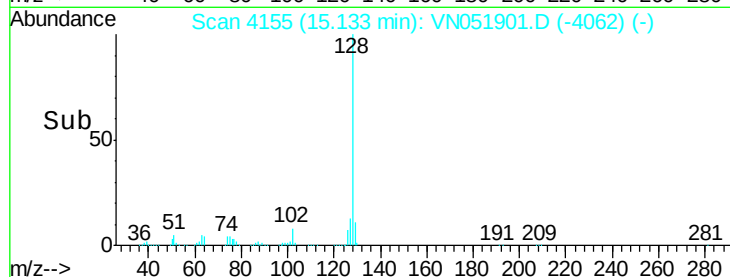
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.6	8.7	13.1



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: 54.94 ug/l

RT: 15.31 min Scan# 4211

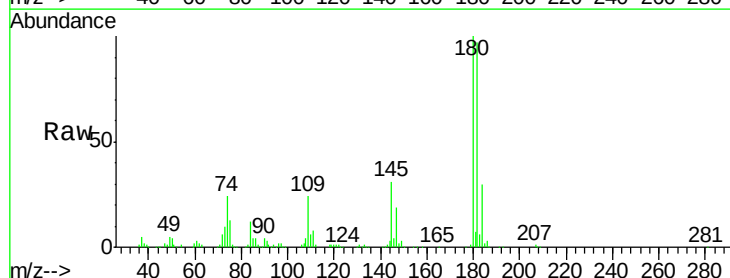
Delta R.T. 0.00 min

Lab File: VN051901.D

Acq: 17 Oct 2018 10:10

Tgt Ion:180 Resp: 461627

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.2
145	30.4	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

