

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049758.D
 Acq On : 11 Jul 2018 12:03
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 12 01:50:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:30:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	240790	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1305156	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1205098	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	472147	26.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	89.87%
60) 4-Bromofluorobenzene	12.40	95	578444	30.57	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.90%
63) Toluene-d8	10.09	98	1655540	28.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.43%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	2468862	162.43	ug/l	98
3) Chloromethane	2.06	50	2486861	161.86	ug/l	99
4) Vinyl Chloride	2.18	62	2567864	163.72	ug/l	98
5) Bromomethane	2.55	94	1532284	181.52	ug/l	99
6) Chloroethane	2.69	64	1456286	146.21	ug/l	99
7) Trichlorofluoromethane	3.01	101	3146948	145.11	ug/l	99
8) Diethyl Ether	3.41	74	1104039	131.14	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1911180	132.02	ug/l	99
10) 1,1-Dichloroethene	3.73	96	1788368	132.83	ug/l	96
11) Methyl Iodide	3.95	142	2960915	187.22	ug/l	99
12) Methyl Acetate	4.33	43	1771670	130.59	ug/l	99
13) Acrolein	3.61	56	970743	721.87	ug/l	97
14) Acrylonitrile	4.99	53	3335710	654.20	ug/l	99
15) Acetone	3.82	58	771778	673.01	ug/l	97
16) Carbon Disulfide	4.05	76	5645762	130.95	ug/l	100
17) Allyl chloride	4.32	41	2956547	122.53	ug/l	98
18) Methylene Chloride	4.55	84	2017752	126.84	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	1913524	134.15	ug/l	99
20) Diisopropyl ether	5.96	45	5918934	118.99	ug/l	96
21) 1,1-Dichloroethane	5.85	63	3490821	120.81	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	2166158	134.06	ug/l	99
23) tert-Butyl Alcohol	4.81	59	713256	743.64	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	4971498	134.50	ug/l	99
25) Chloroform	7.37	83	3492072	123.81	ug/l	99
26) Cyclohexane	7.65	56	3130438	126.89	ug/l	# 99
29) 1,1-Dichloropropene	7.79	75	2775423	130.44	ug/l	100
30) 2-Butanone	6.84	43	3887140	669.02	ug/l	98
31) 2,2-Dichloropropane	6.83	77	2829800	139.19	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	3071349	127.93	ug/l	99
33) Carbon Tetrachloride	7.77	117	2758634	130.90	ug/l	100
34) Benzene	8.04	78	8155057	126.37	ug/l	# 90
35) Methacrylonitrile	7.18	41	931575	127.93	ug/l	98
36) 1,2-Dichloroethane	8.13	62	2560153	124.09	ug/l	99
37) Trichloroethene	8.84	130	2129686	134.62	ug/l	98
38) Methylcyclohexane	9.08	83	3140824	142.72	ug/l	97
39) 1,2-Dichloropropane	9.12	63	2108441	120.17	ug/l	98
40) Dibromomethane	9.21	93	1277820	130.07	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:30:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.41	83	2742290	126.39	ug/l	99
42) Vinyl Acetate	5.90	43	21167903	629.43	ug/l	100
43) Ethyl Acetate	6.94	43	1720745	131.06	ug/l	97
44) Isopropyl Acetate	8.17	43	3130162	124.84	ug/l	99
45) 1,4-Dioxane	9.20	88	420659	2947.48	ug/l	98
46) Methyl methacrylate	9.20	41	1618757	136.42	ug/l	100
47) n-amyl Acetate	12.07	43	2904298	145.66	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	2975610	140.41	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	3303805	134.06	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	1836426	130.86	ug/l	99
51) Ethyl methacrylate	10.43	69	2493607	142.96	ug/l	100
52) 1,3-Dichloropropane	10.71	76	3113576	130.60	ug/l	99
53) Dibromochloromethane	10.90	129	2151371	137.86	ug/l	99
54) 1,2-Dibromoethane	11.01	107	1884033	143.87	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	6858659	1115.33	ug/l	100
56) Bromoform	12.13	173	1573926	156.68	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	8777996	644.94	ug/l	98
59) 2-Hexanone	10.75	43	6060633	703.55	ug/l	98
61) Tetrachloroethene	10.63	164	1926844	122.33	ug/l	97
62) Toluene	10.16	91	8971933	128.46	ug/l	99
64) Chlorobenzene	11.44	112	5607803	135.91	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	2086909	134.44	ug/l	100
66) Ethyl Benzene	11.51	91	9940789	137.08	ug/l	100
67) m/p-Xylenes	11.62	106	7574196	278.85	ug/l	99
68) o-Xylene	11.95	106	3661836	139.10	ug/l	100
69) Styrene	11.97	104	6019335	143.44	ug/l	99
70) Isopropylbenzene	12.25	105	9716806	139.32	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	2369501	138.44	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	1911334m	137.97	ug/l	
73) Bromobenzene	12.53	156	2507133	147.77	ug/l	99
74) n-propylbenzene	12.59	91	11294868	139.85	ug/l	100
75) 2-Chlorotoluene	12.68	91	6648432	135.21	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	7986141	140.97	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	758085	168.75	ug/l	95
78) 4-Chlorotoluene	12.78	91	6797085	141.92	ug/l	100
79) tert-butylbenzene	13.00	119	6841442	143.53	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	8101000	142.79	ug/l	100
81) sec-Butylbenzene	13.17	105	9333514	144.03	ug/l	99
82) p-Isopropyltoluene	13.29	119	8216457	151.81	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	4461045	154.85	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	4381096	161.23	ug/l	99
85) n-Butylbenzene	13.62	91	7131994	165.25	ug/l	99
86) Hexachloroethane	13.88	117	1492647	135.12	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	4251606	152.34	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	373174	150.36	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	2501183	210.95	ug/l	99
90) Hexachlorobutadiene	15.01	225	1379095	169.11	ug/l	98
91) Naphthalene	15.14	128	5784164	223.75	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	2375004	194.10	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

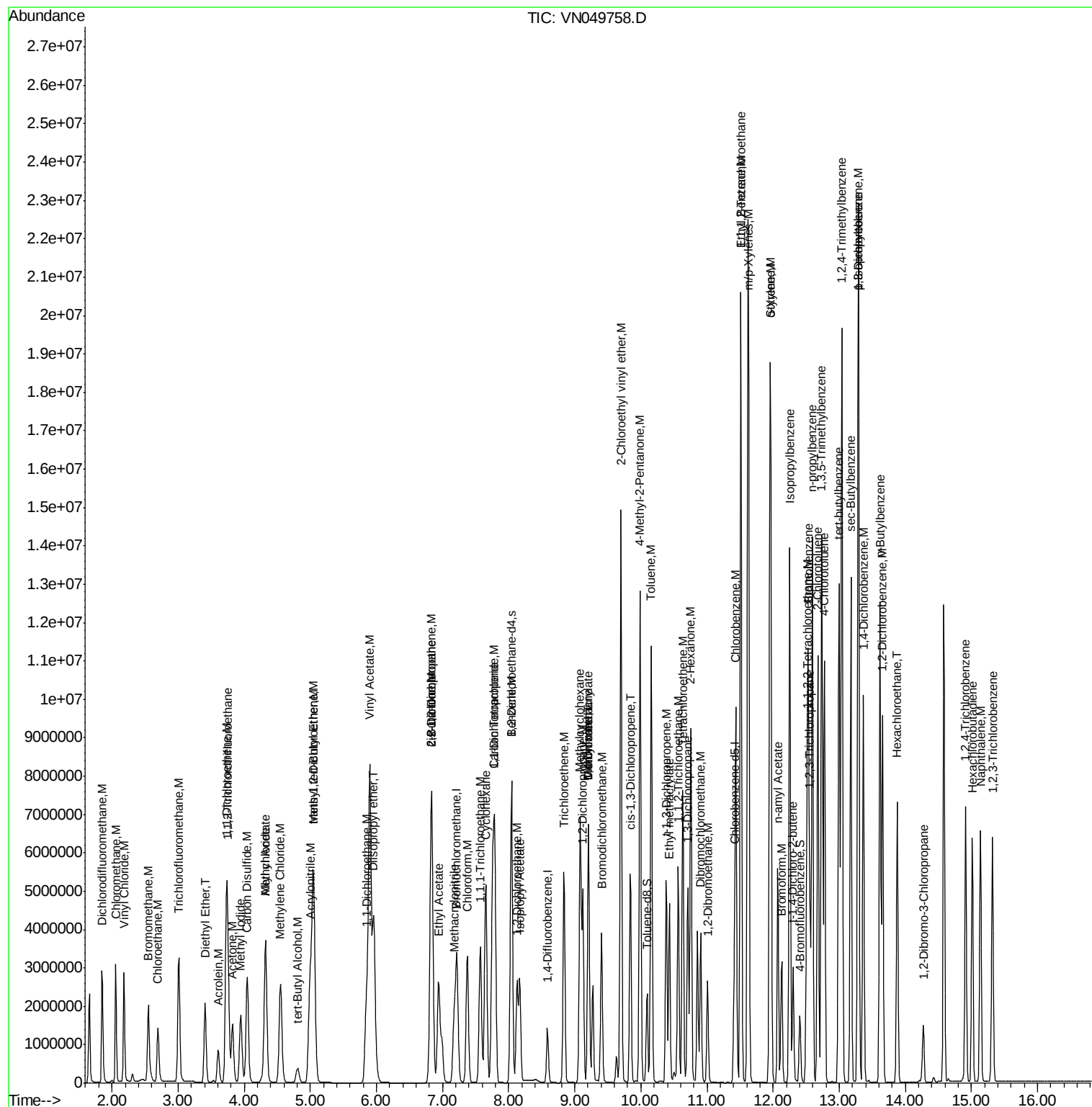
Quant Time: Jul 12 01:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
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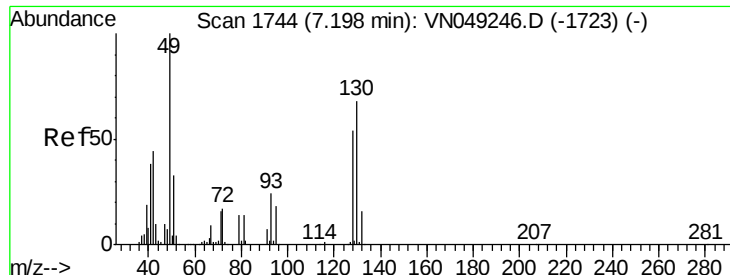
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

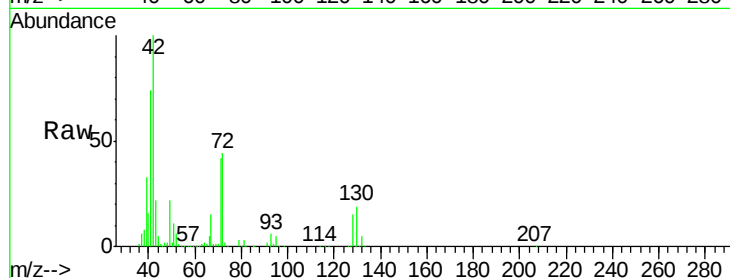
Tot Ion:128 Resp: 240790

Ion Ratio Lower Upper

128 100

49 157.3 0.0 378.3

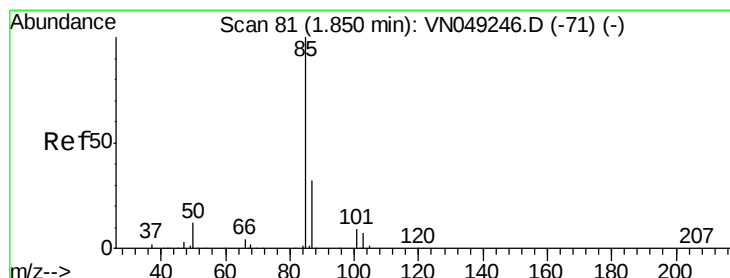
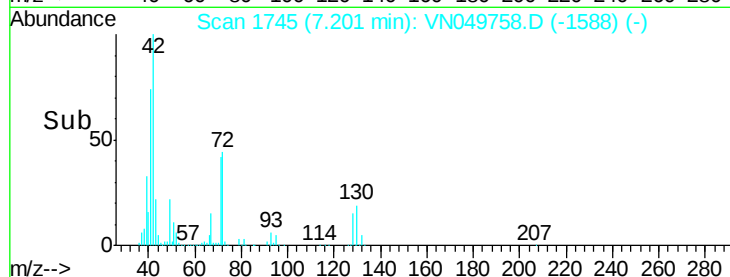
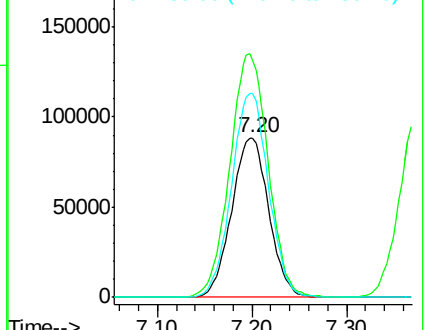
130 127.7 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 162.43 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN049758.D

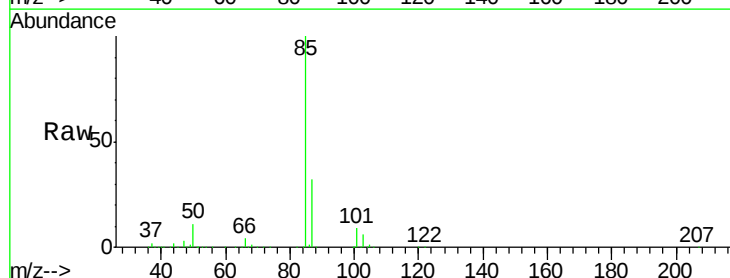
Acq: 11 Jul 2018 12:03

Tgt Ion: 85 Resp: 2468862

Ion Ratio Lower Upper

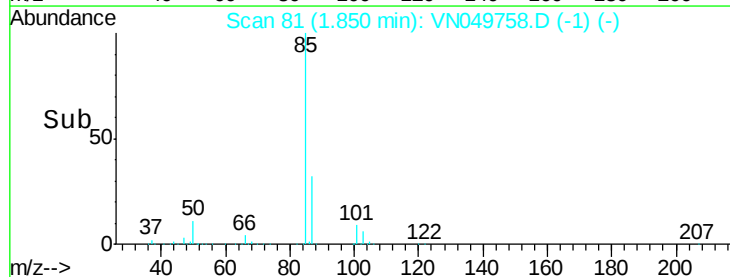
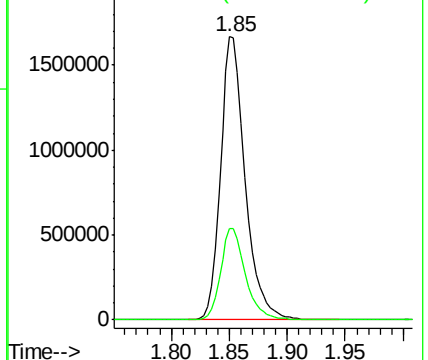
85 100

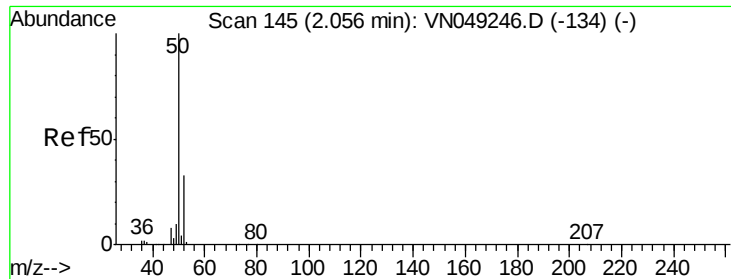
87 32.3 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 161.86 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049758.D

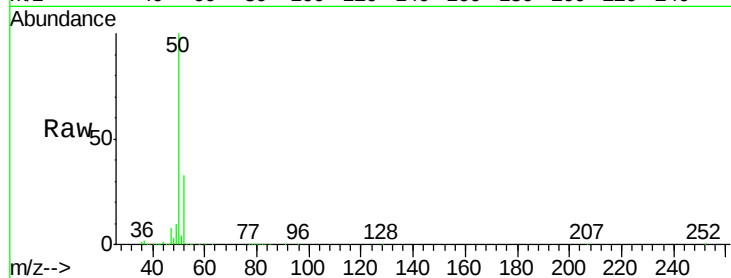
Acq: 11 Jul 2018 12:03

Tot Ion: 50 Resp: 2486861

Ion Ratio Lower Upper

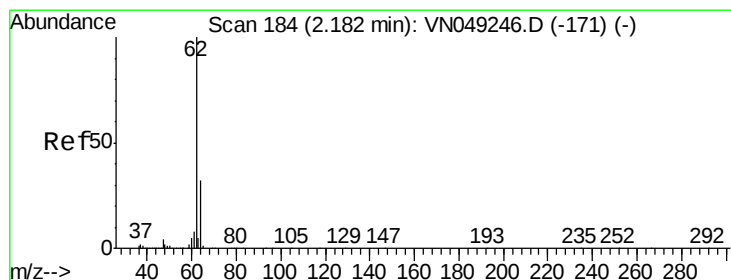
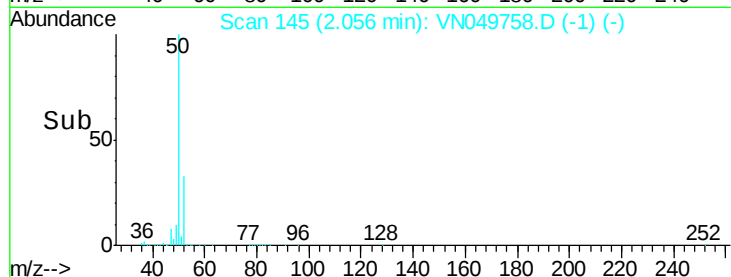
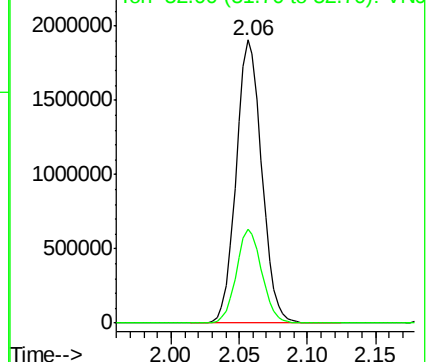
50 100

52 33.0 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 163.72 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049758.D

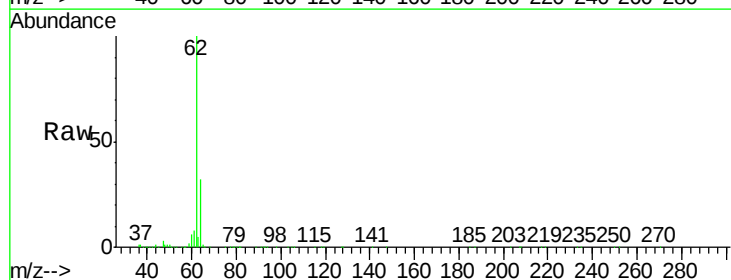
Acq: 11 Jul 2018 12:03

Tgt Ion: 62 Resp: 2567864

Ion Ratio Lower Upper

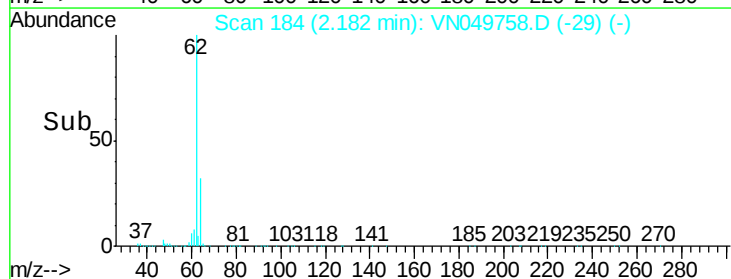
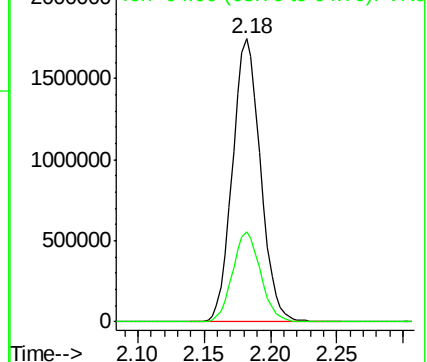
62 100

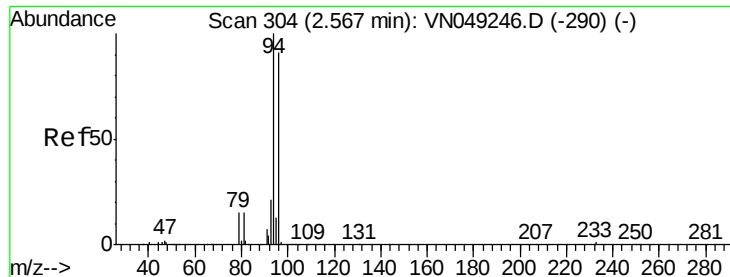
64 31.7 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 181.52 ug/l

RT: 2.55 min Scan# 299

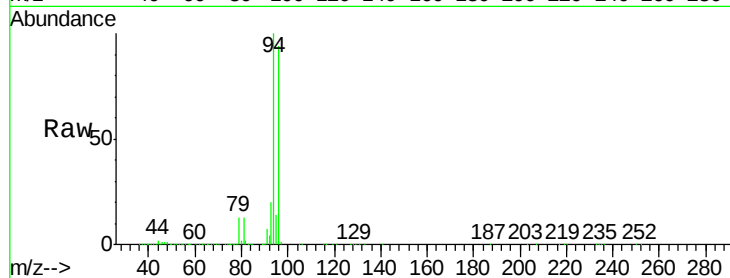
Delta R.T. -0.02 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tot Ion: 94 Resp: 1532284

Ion	Ratio	Lower	Upper
94	100		
96	93.6	75.9	113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.55

800000

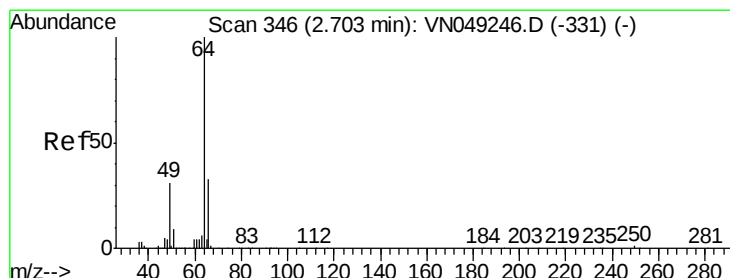
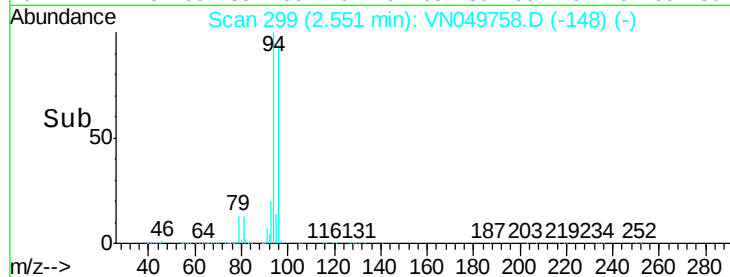
600000

400000

200000

0

Time-->



#6

Chloroethane

Concen: 146.21 ug/l

RT: 2.69 min Scan# 343

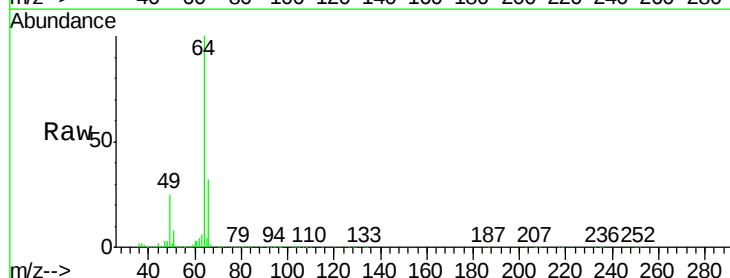
Delta R.T. -0.01 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tgt Ion: 64 Resp: 1456286

Ion	Ratio	Lower	Upper
64	100		
66	31.6	25.0	37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.69

800000

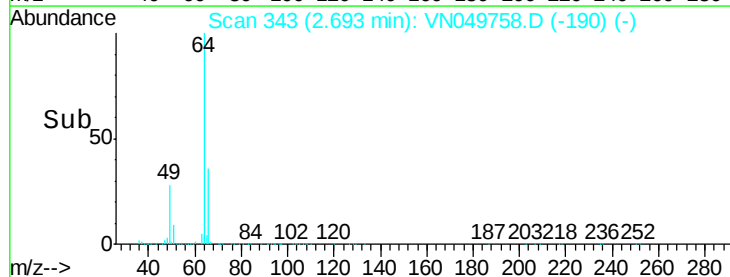
600000

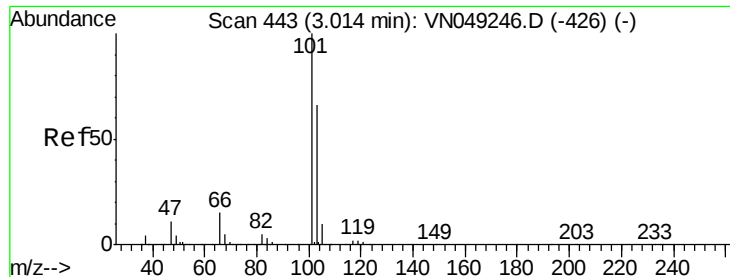
400000

200000

0

Time-->





#7

Trichlorofluoromethane

Concen: 145.11 ug/l

RT: 3.01 min Scan# 442

Delta R.T. -0.00 min

Lab File: VN049758.D

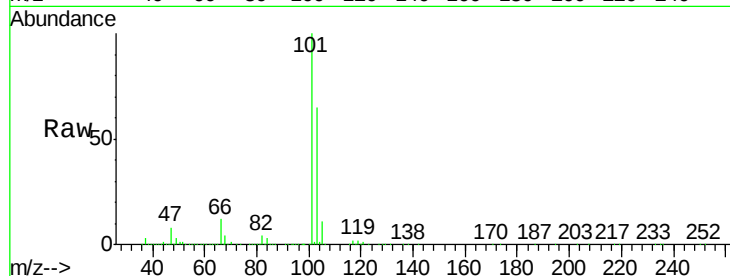
Acq: 11 Jul 2018 12:03

Tot Ion:101 Resp: 3146948

Ion Ratio Lower Upper

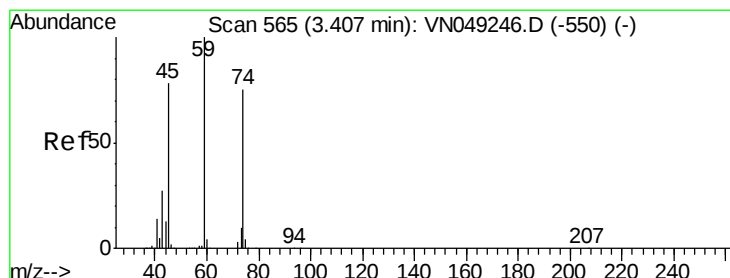
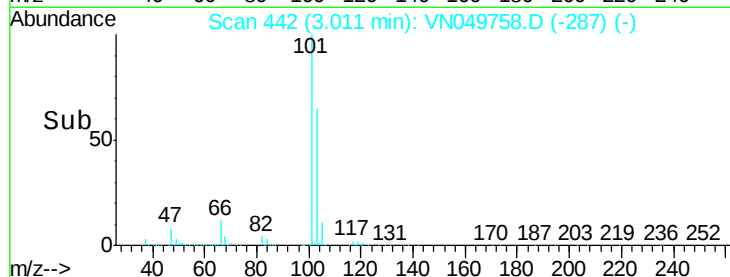
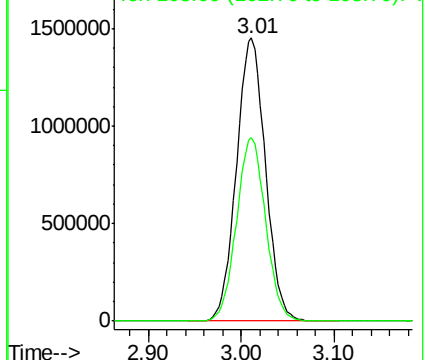
101 100

103 65.0 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 131.14 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049758.D

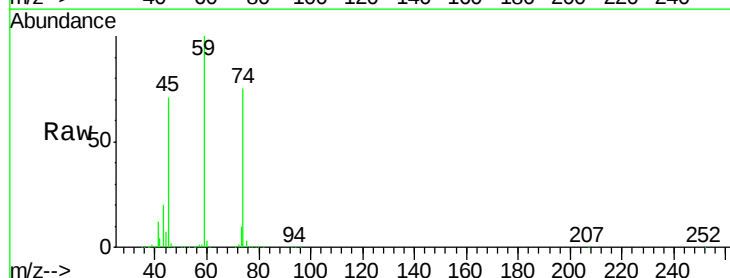
Acq: 11 Jul 2018 12:03

Tgt Ion: 74 Resp: 1104039

Ion Ratio Lower Upper

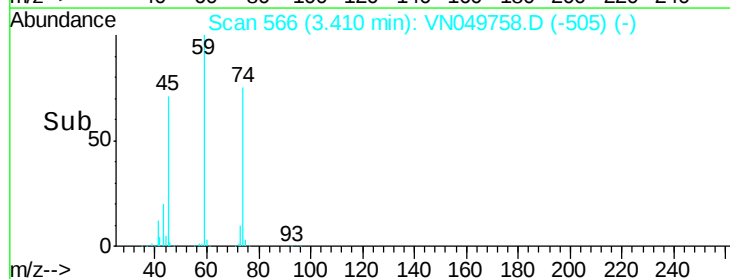
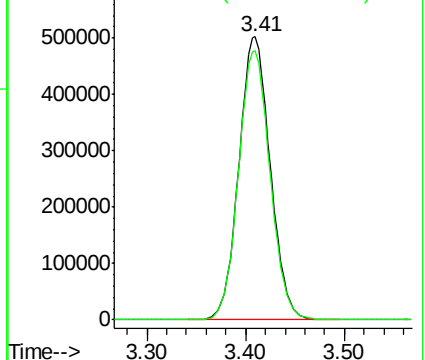
74 100

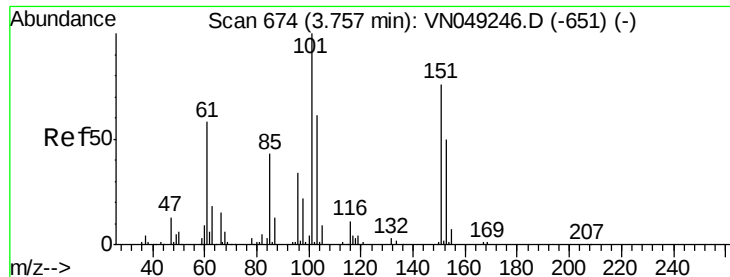
45 95.5 18.7 167.9



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 132.02 ug/l

RT: 3.75 min Scan# 672

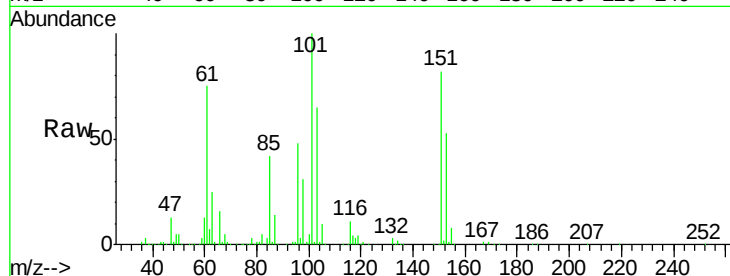
Delta R.T. -0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tot Ion:101 Resp: 1911180

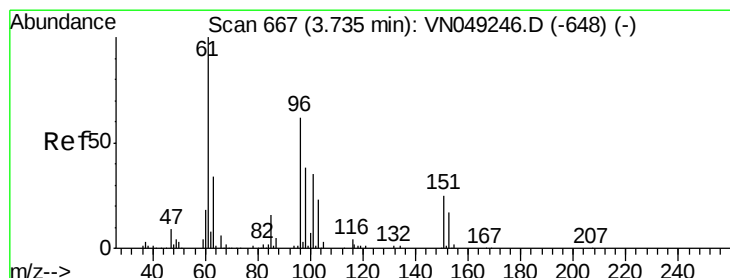
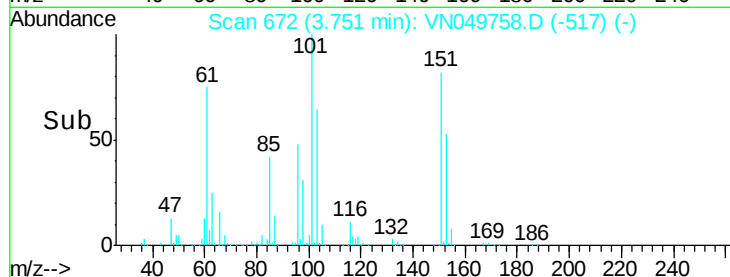
Ion	Ratio	Lower	Upper
101	100		
85	42.4	0.0	83.0
151	82.6	0.0	166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 132.83 ug/l

RT: 3.73 min Scan# 665

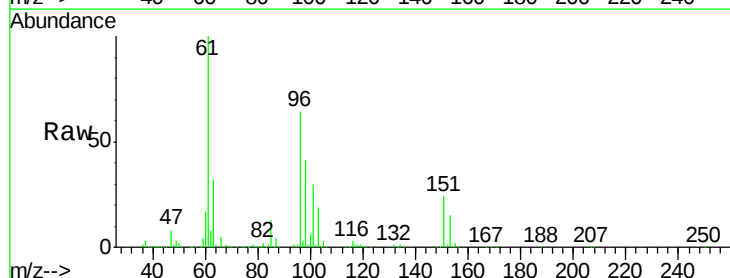
Delta R.T. -0.01 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tgt Ion: 96 Resp: 1788368

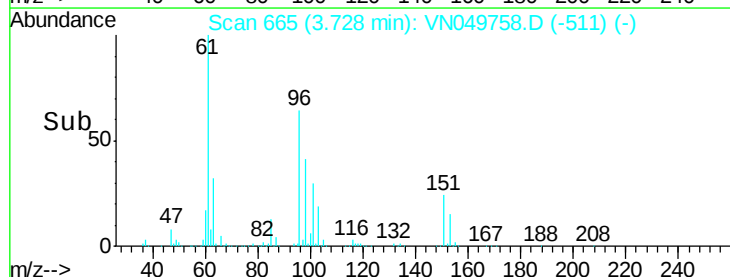
Ion	Ratio	Lower	Upper
96	100		
61	157.2	130.6	195.8
98	64.1	53.5	80.3

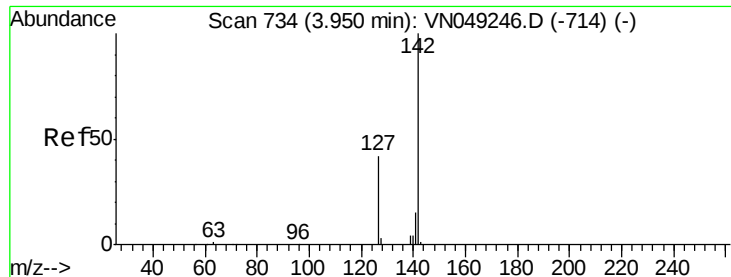


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

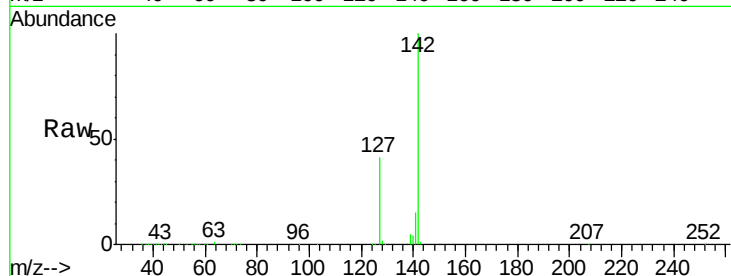




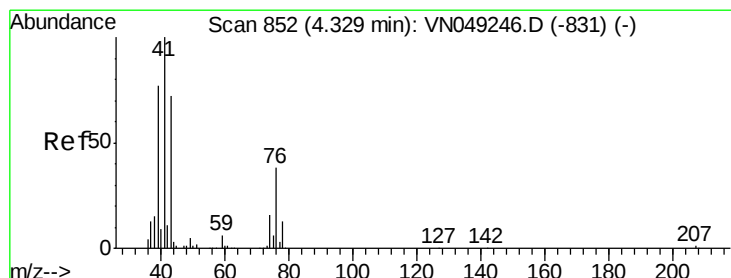
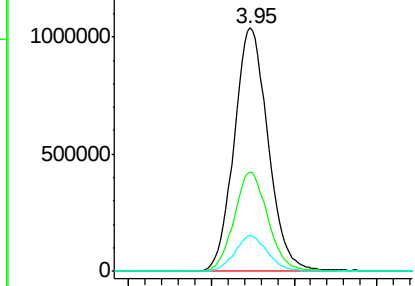
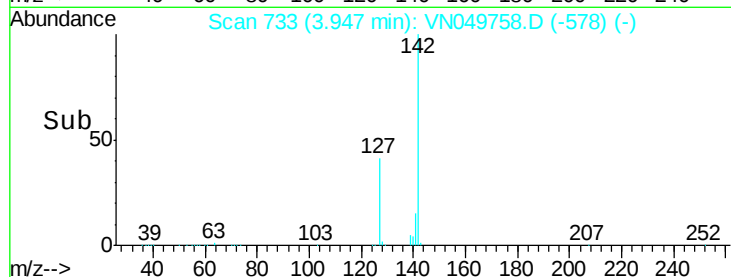
#11
Methvl Iodide
Concen: 187.22 ug/l
RT: 3.95 min Scan# 733
Delta R.T. -0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion:142 Resp: 2960915

Ion	Ratio	Lower	Upper
142	100		
127	40.9	20.2	60.5
141	14.7	6.9	20.6



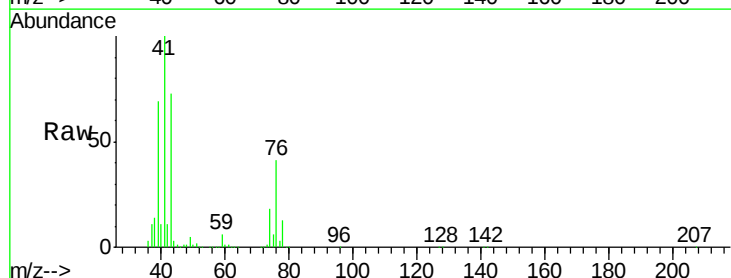
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V



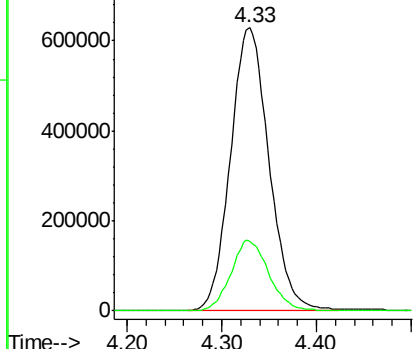
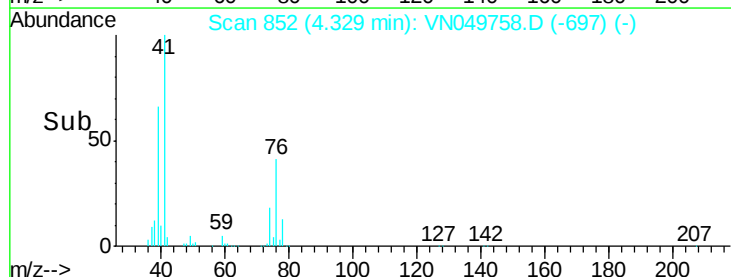
#12
Methyl Acetate
Concen: 130.59 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

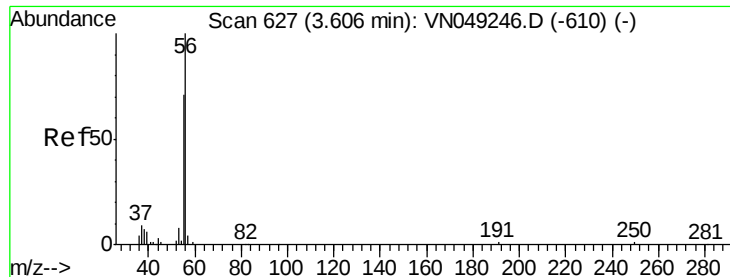
Tgt Ion: 43 Resp: 1771670

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.3	28.9



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





#13

Acrolein

Concen: 721.87 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049758.D

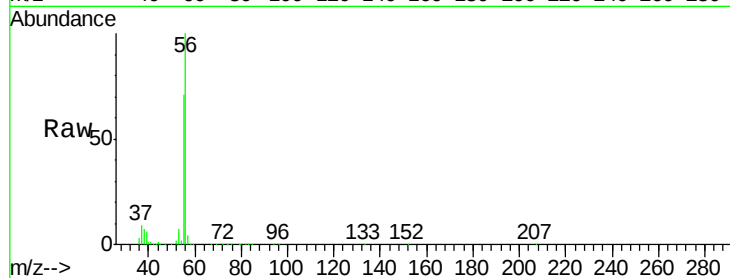
Acq: 11 Jul 2018 12:03

Tot Ion: 56 Resp: 970743

Ion Ratio Lower Upper

56 100

55 70.5 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

400000

300000

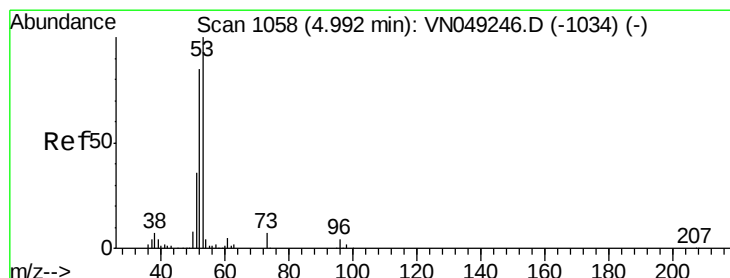
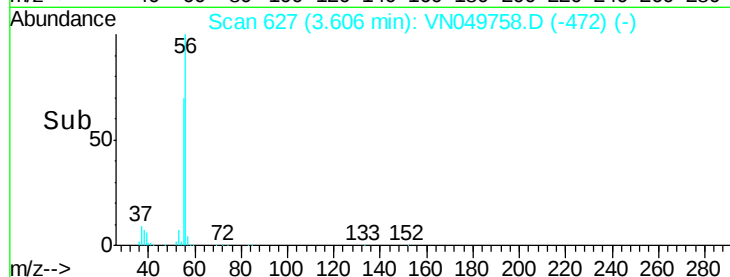
200000

100000

0

Time-->

3.50 3.60 3.70



#14

Acrylonitrile

Concen: 654.20 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

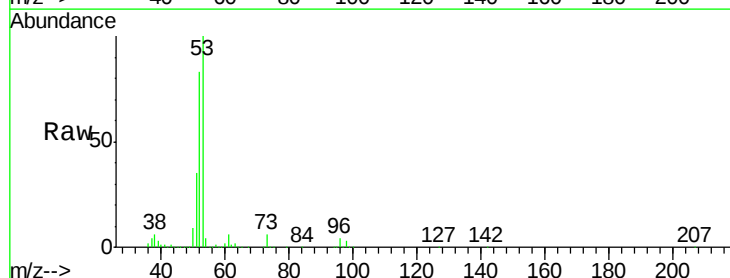
Tgt Ion: 53 Resp: 3335710

Ion Ratio Lower Upper

53 100

52 82.5 41.5 124.5

51 35.6 18.7 56.1



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

4.99

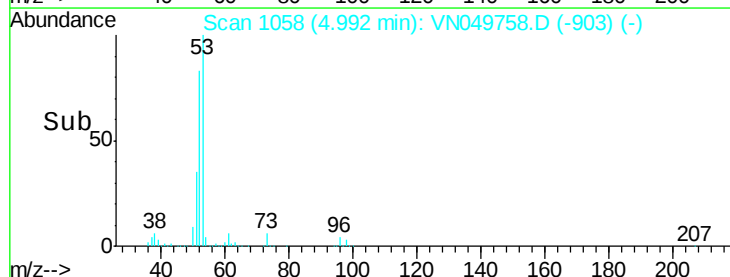
1000000

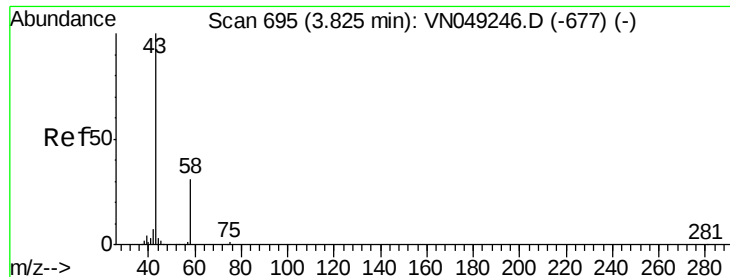
500000

0

Time-->

4.90 5.00 5.10 5.20





#15

Acetone

Concen: 673.01 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN049758.D

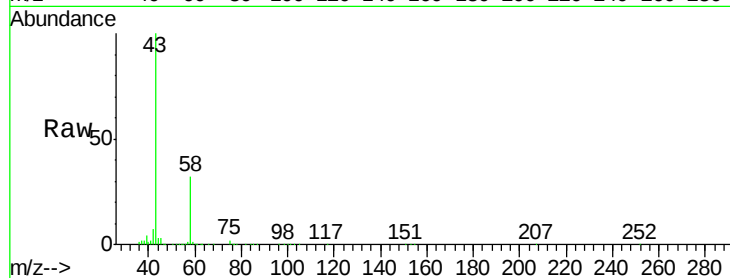
Acq: 11 Jul 2018 12:03

Tot Ion: 58 Resp: 771778

Ion Ratio Lower Upper

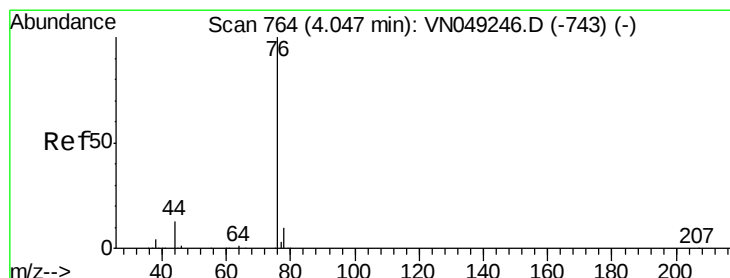
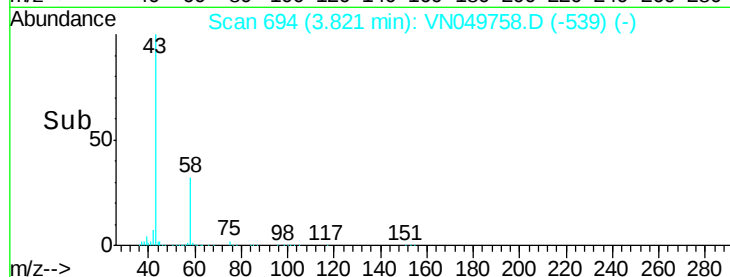
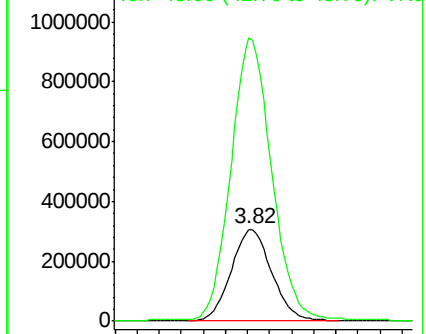
58 100

43 308.0 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN049246.D (-677) (-)

Ion 43.00 (42.70 to 43.70): VN049246.D (-677) (-)



#16

Carbon Disulfide

Concen: 130.95 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049758.D

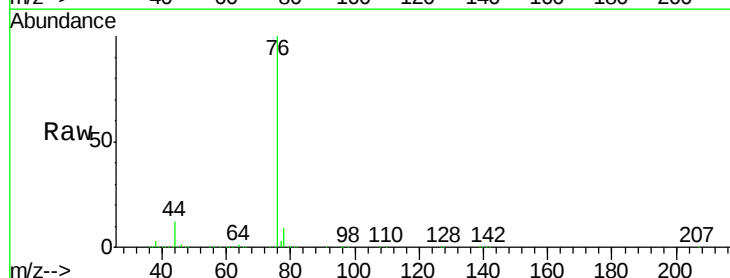
Acq: 11 Jul 2018 12:03

Tgt Ion: 76 Resp: 5645762

Ion Ratio Lower Upper

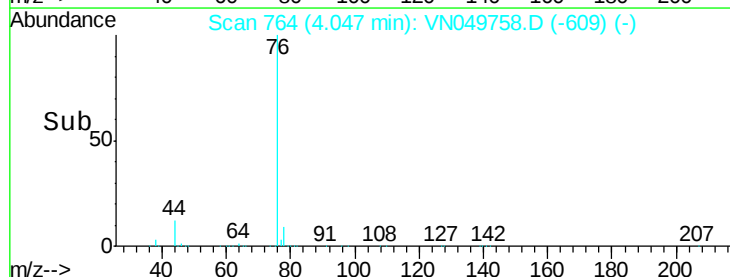
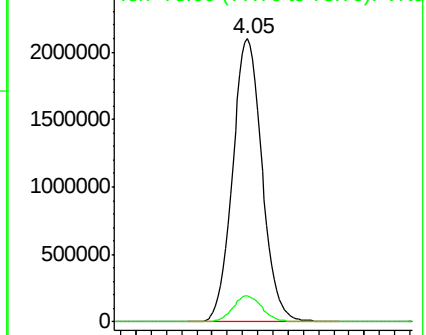
76 100

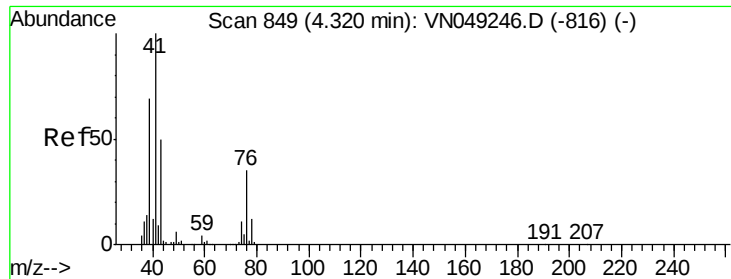
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN049246.D (-743) (-)

Ion 78.00 (77.70 to 78.70): VN049246.D (-743) (-)

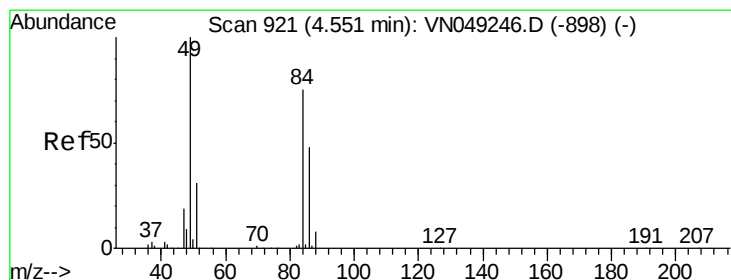
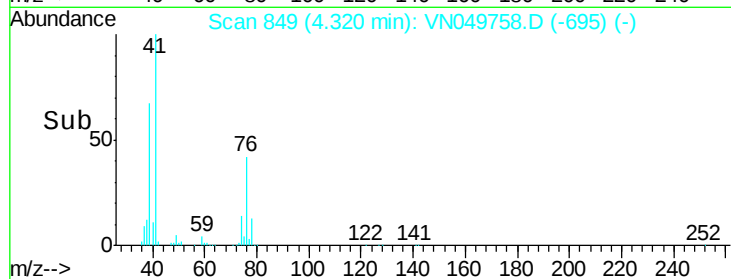
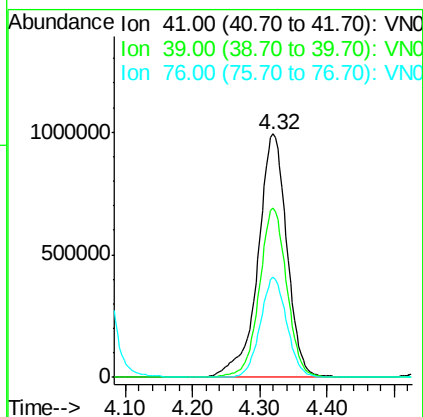
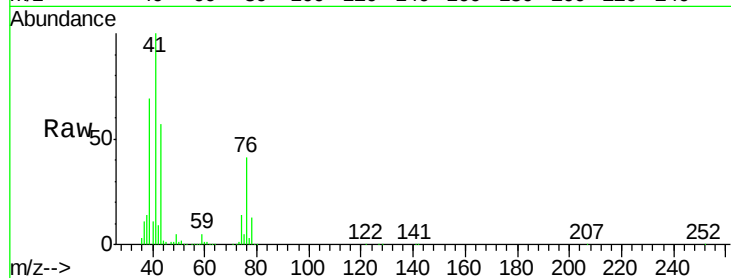




#17
Allvl chloride
Concen: 122.53 ug/l
RT: 4.32 min Scan# 849
Delta R.T. -0.01 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion: 41 Resp: 2956547

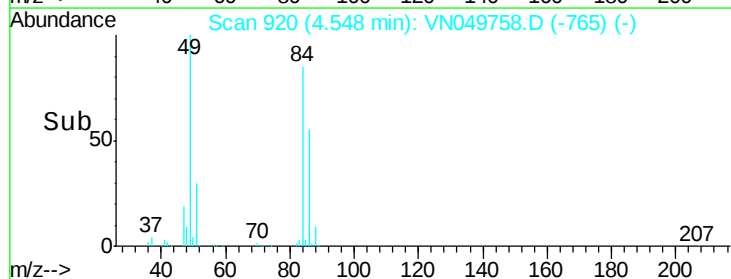
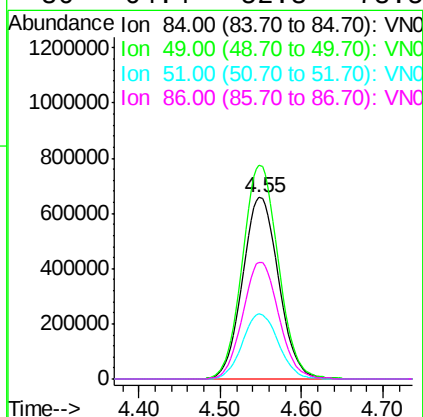
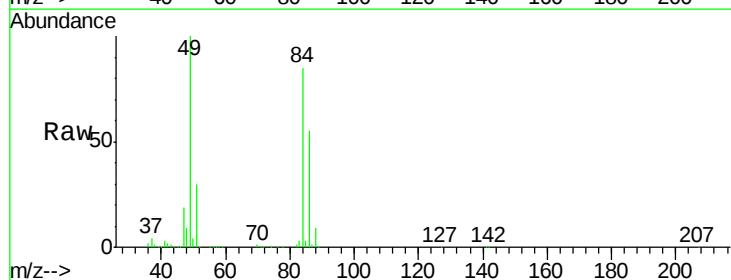
Ion	Ratio	Lower	Upper
41	100		
39	69.4	35.4	106.3
76	40.8	19.7	59.1

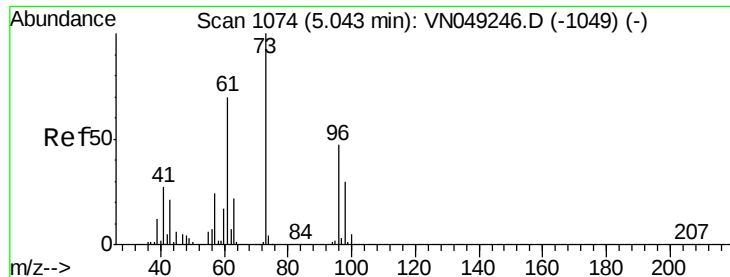


#18
Methylene Chloride
Concen: 126.84 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion: 84 Resp: 2017752

Ion	Ratio	Lower	Upper
84	100		
49	117.6	95.1	142.7
51	35.7	28.8	43.2
86	64.4	52.3	78.5

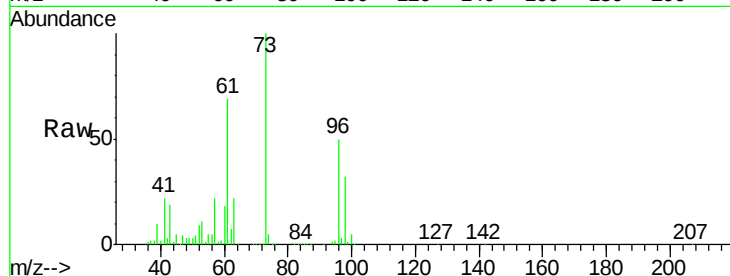




#19
trans-1,2-Dichloroethene
Concen: 134.15 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion: 96 Resp: 1913524

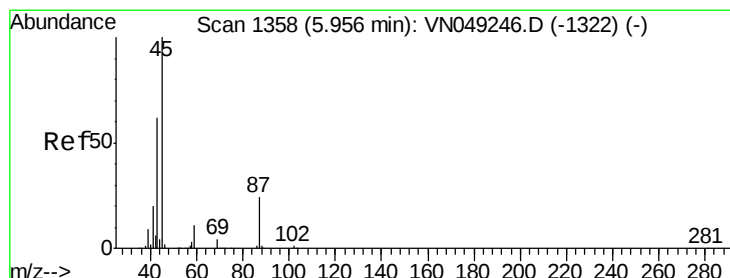
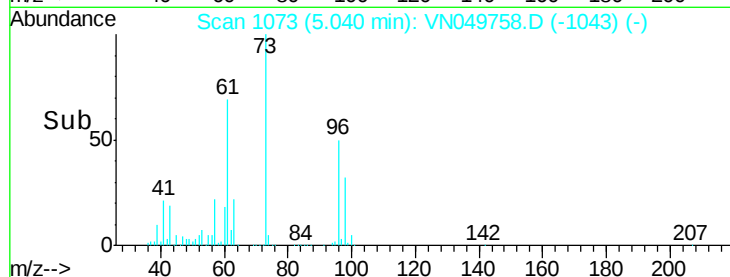
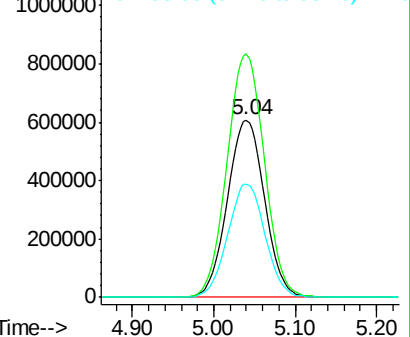
Ion	Ratio	Lower	Upper
96	100		
61	137.5	112.1	168.1
98	64.1	51.3	76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049246.D (-1049) (-)

Ion 61.00 (60.70 to 61.70): VN049246.D (-1049) (-)

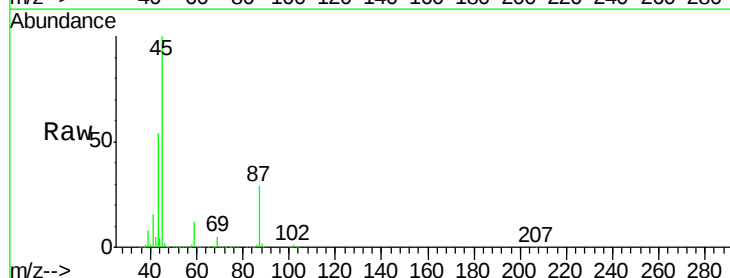
Ion 98.00 (97.70 to 98.70): VN049246.D (-1049) (-)



#20
Diisopropyl ether
Concen: 118.99 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion: 45 Resp: 5918934

Ion	Ratio	Lower	Upper
45	100		
43	53.7	46.6	70.0
87	28.6	22.3	33.5
59	12.1	9.5	14.3

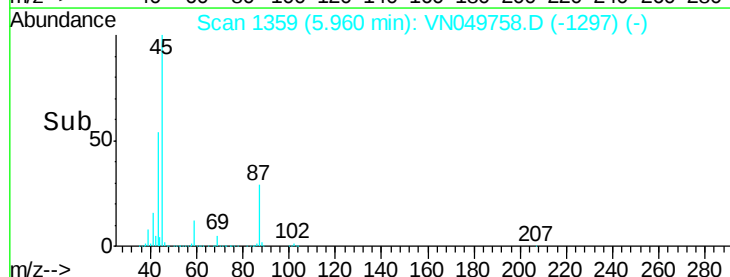
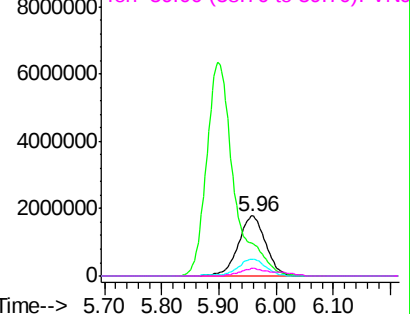


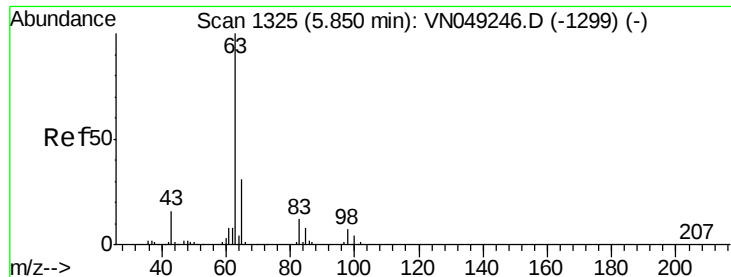
Abundance Ion 45.00 (44.70 to 45.70): VN049246.D (-1322) (-)

Ion 43.00 (42.70 to 43.70): VN049246.D (-1322) (-)

Ion 87.00 (86.70 to 87.70): VN049246.D (-1322) (-)

Ion 59.00 (58.70 to 59.70): VN049246.D (-1322) (-)

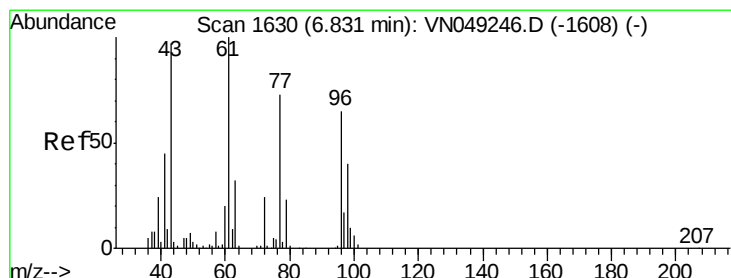
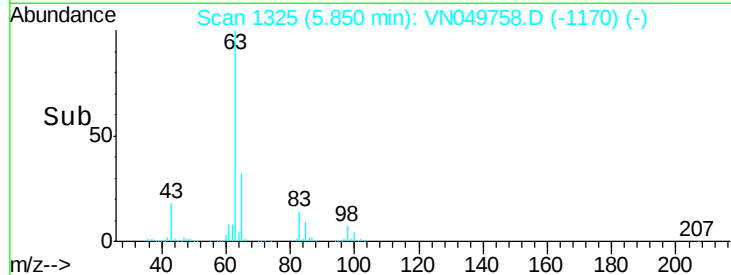
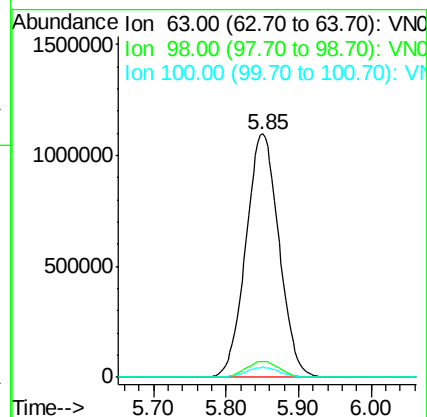
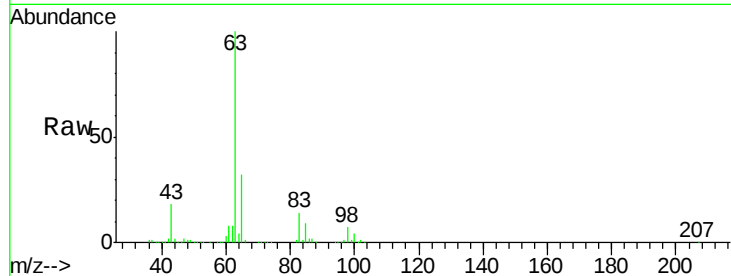




#21
 1,1-Dichloroethane
 Concen: 120.81 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

Tot Ion: 63 Resp: 3490821

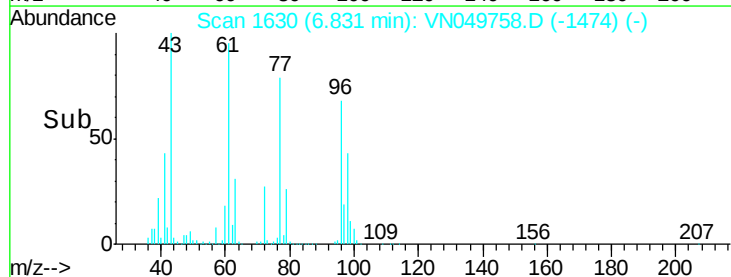
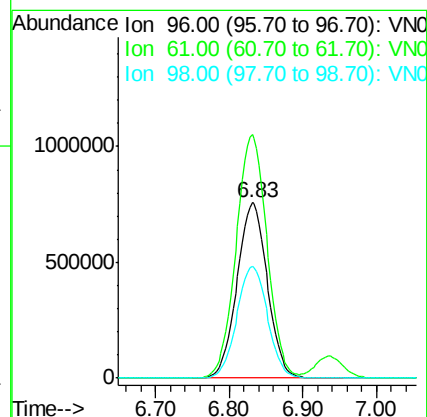
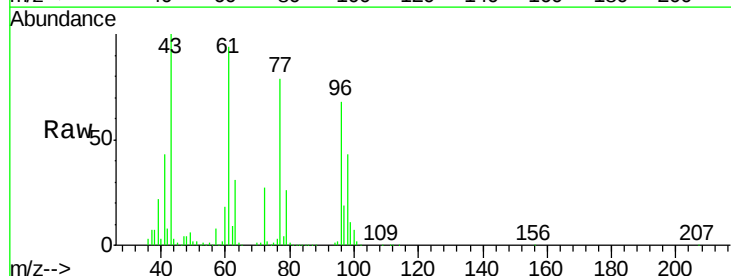
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.5	10.6
100	4.1	2.3	6.8

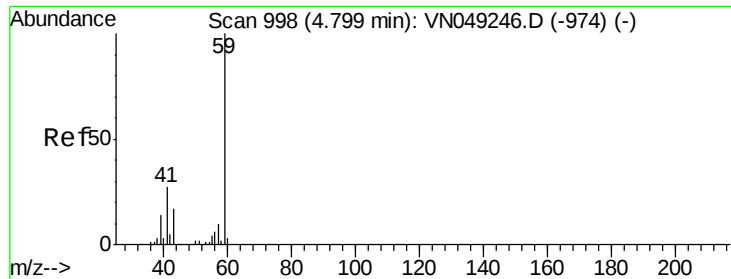


#22
 cis-1,2-Dichloroethene
 Concen: 134.06 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

Tgt Ion: 96 Resp: 2166158

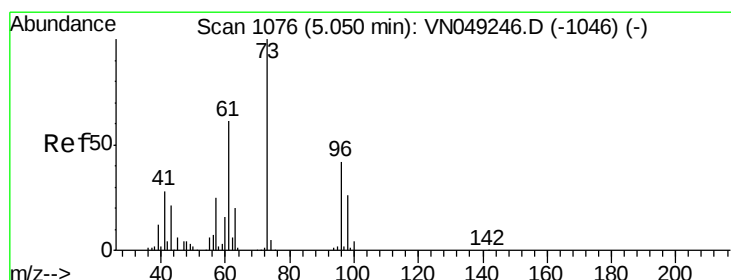
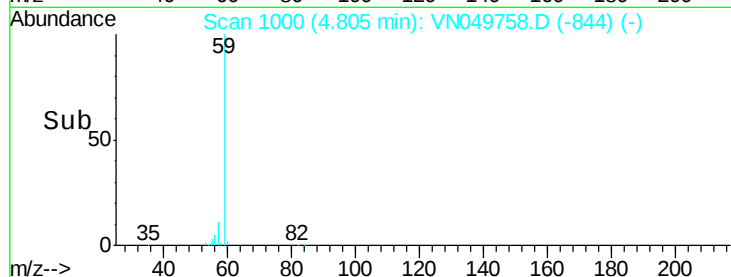
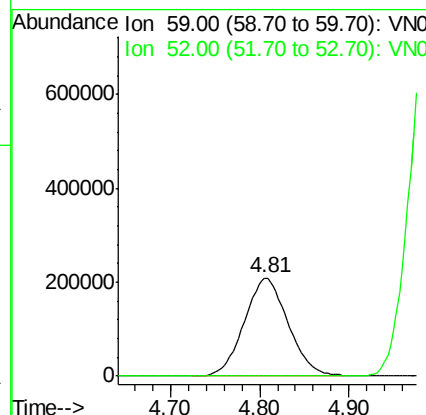
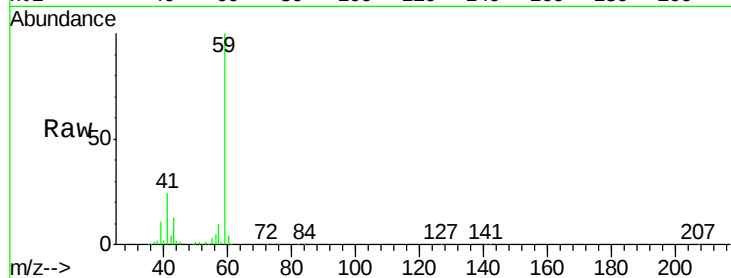
Ion	Ratio	Lower	Upper
96	100		
61	141.8	114.2	171.2
98	64.6	51.7	77.5





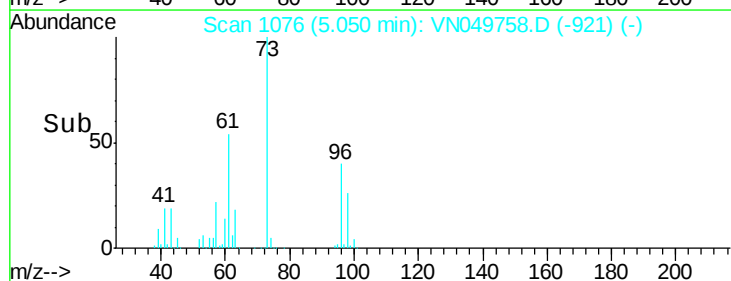
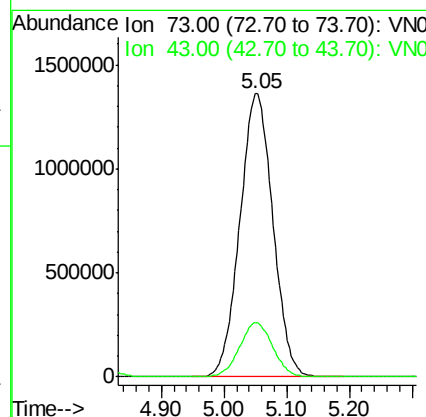
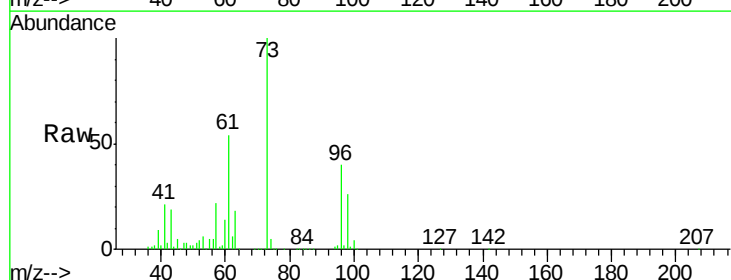
#23
 tert-Butyl Alcohol
 Concen: 743.64 ug/l
 RT: 4.81 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

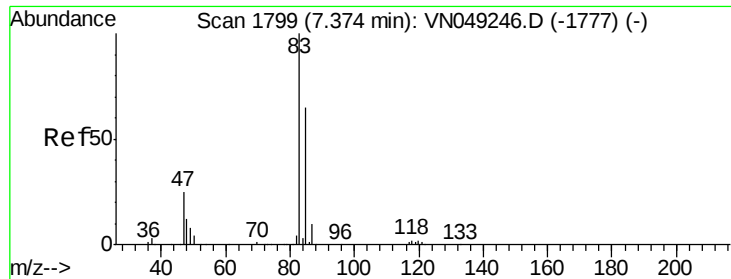
Tot Ion: 59 Resp: 713256
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 134.50 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

Tgt Ion: 73 Resp: 4971498
 Ion Ratio Lower Upper
 73 100
 43 19.2 15.5 23.3





#25

Chloroform

Concen: 123.81 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049758.D

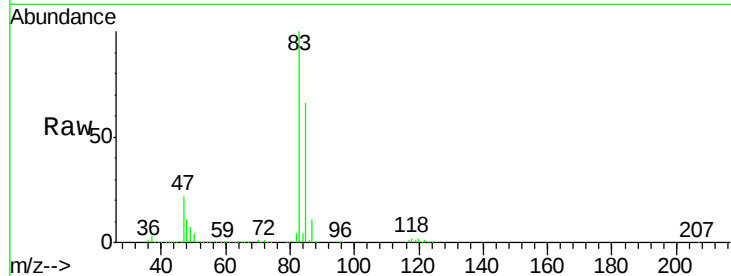
Acq: 11 Jul 2018 12:03

Tot Ion: 83 Resp: 3492072

Ion Ratio Lower Upper

83 100

85 65.6 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

7.37

1500000

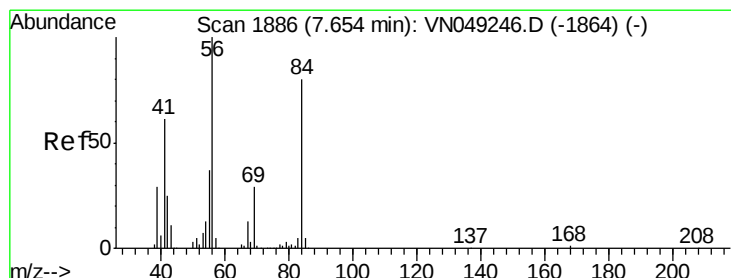
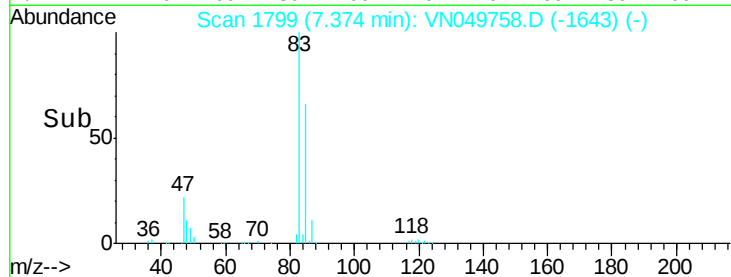
1000000

500000

0

Time-->

7.30 7.40 7.50



#26

Cyclohexane

Concen: 126.89 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

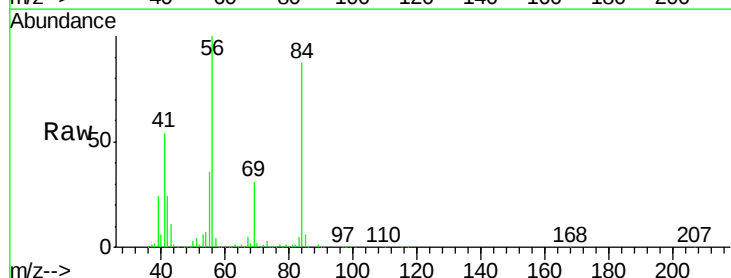
Tgt Ion: 56 Resp: 3130438

Ion Ratio Lower Upper

56 100

89 1.1 3.0 4.4#

84 86.8 69.8 104.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

2000000

1500000

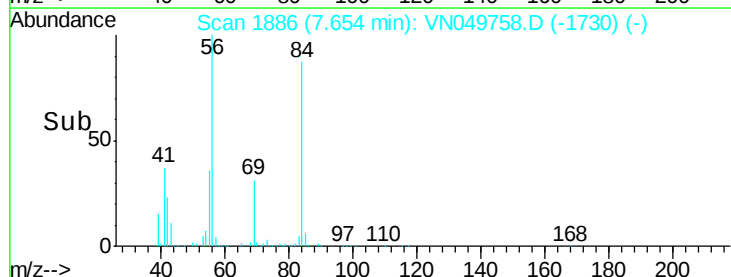
1000000

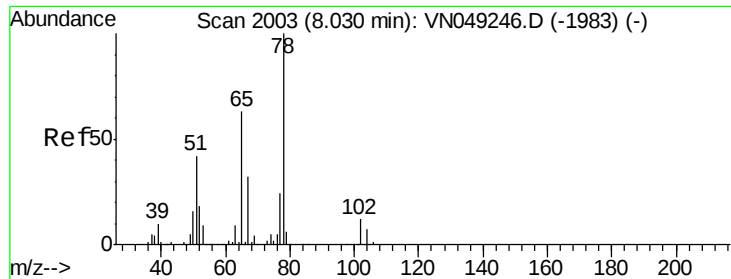
500000

0

Time-->

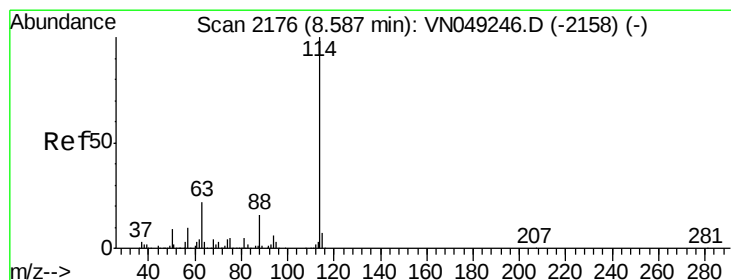
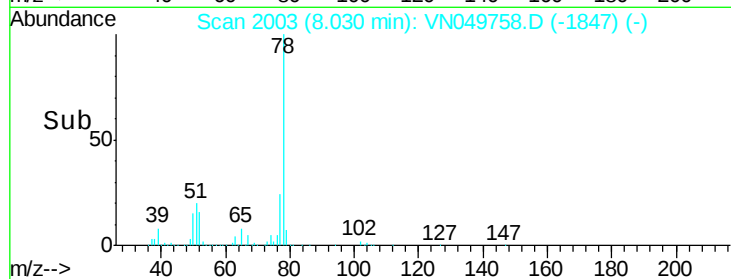
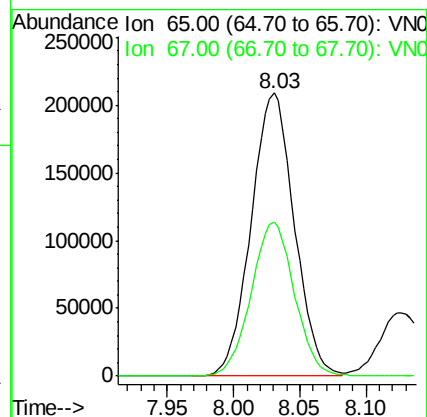
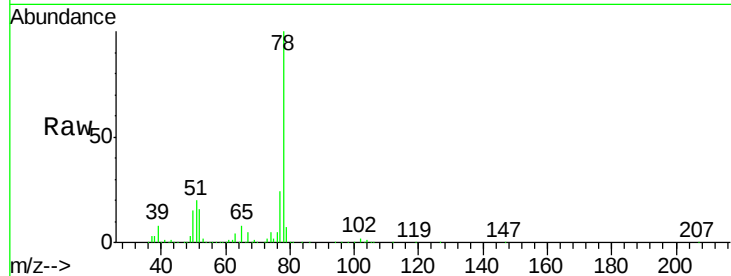
7.60 7.70





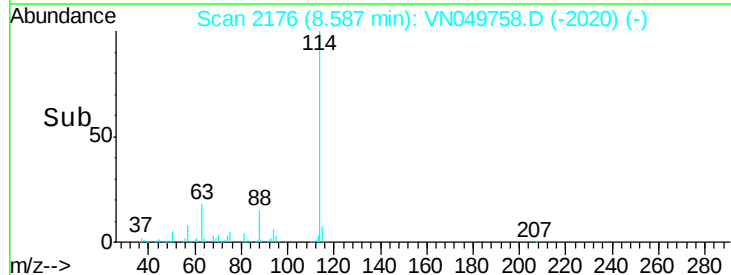
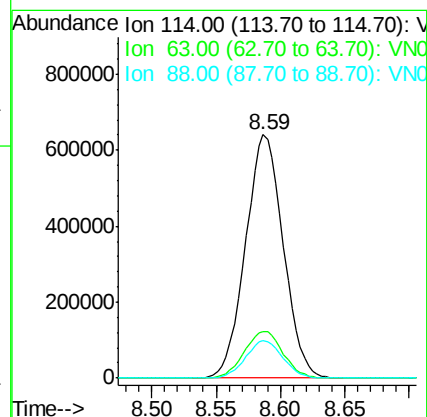
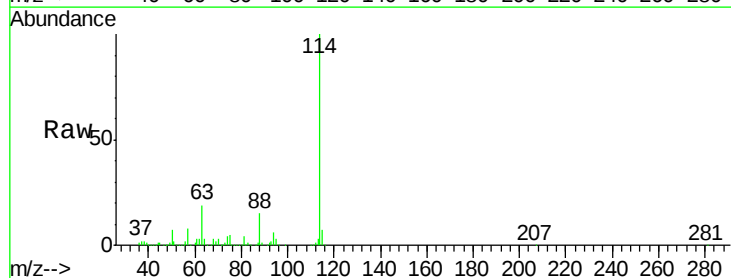
#27
 1,2-Dichloroethane-d4
 Concen: 26.96 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

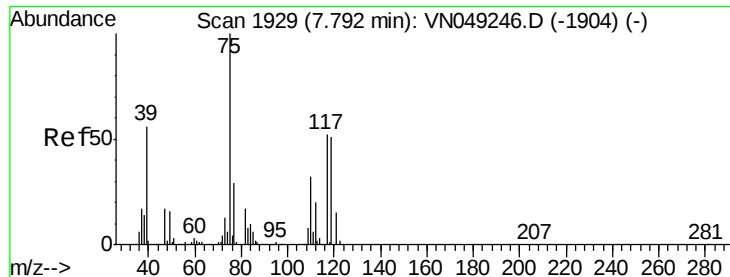
Tot Ion: 65 Resp: 472147
 Ion Ratio Lower Upper
 65 100
 67 54.7 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

Tgt Ion: 114 Resp: 1305156
 Ion Ratio Lower Upper
 114 100
 63 19.6 16.2 24.2
 88 15.3 12.3 18.5





#29

1,1-Dichloropropene

Concen: 130.44 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

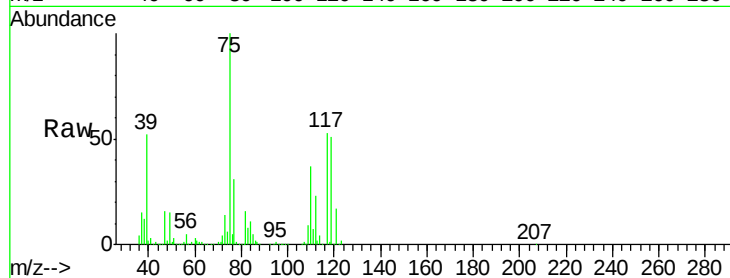
Tot Ion: 75 Resp: 2775423

Ion	Ratio	Lower	Upper
75	100		
110	36.2	0.0	73.2
77	30.9	0.0	62.0

75 100

110 36.2 0.0 73.2

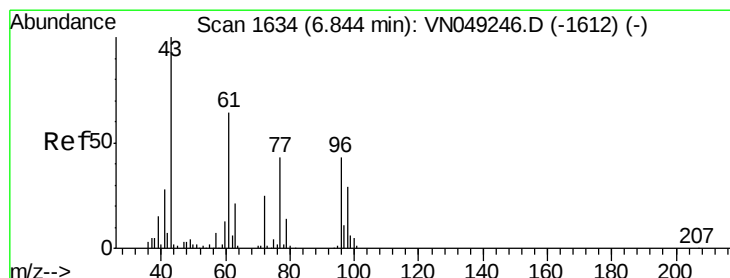
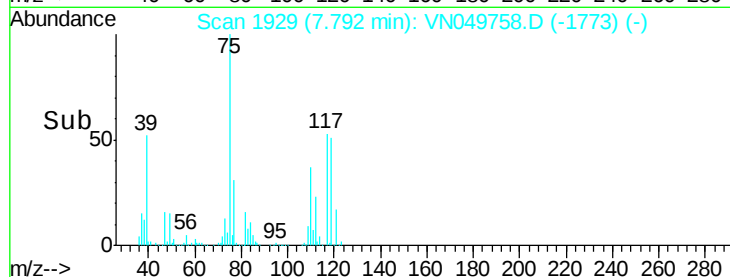
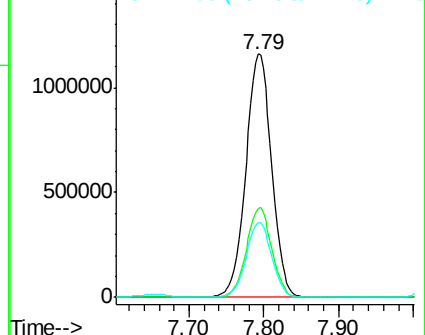
77 30.9 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN049758.D (-1773) (-)

Ion 110.00 (109.70 to 110.70): VN049758.D (-1773) (-)

Ion 77.00 (76.70 to 77.70): VN049758.D (-1773) (-)



#30

2-Butanone

Concen: 669.02 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

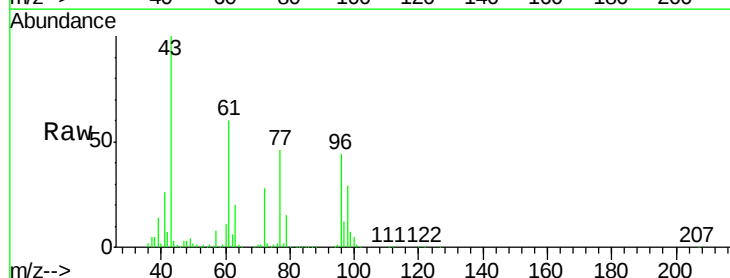
Tgt Ion: 43 Resp: 3887140

Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.8	10.2
72	27.7	21.4	32.0

43 100

57 8.3 6.8 10.2

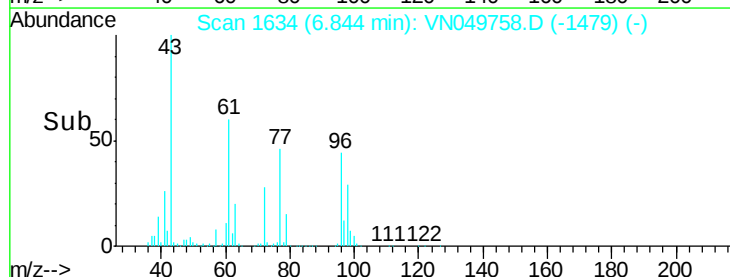
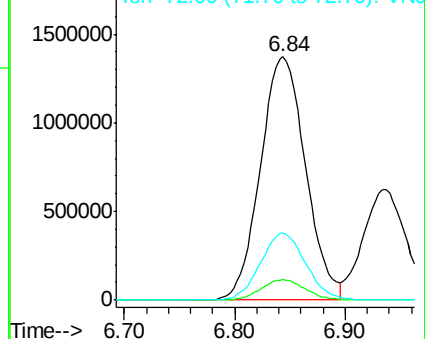
72 27.7 21.4 32.0

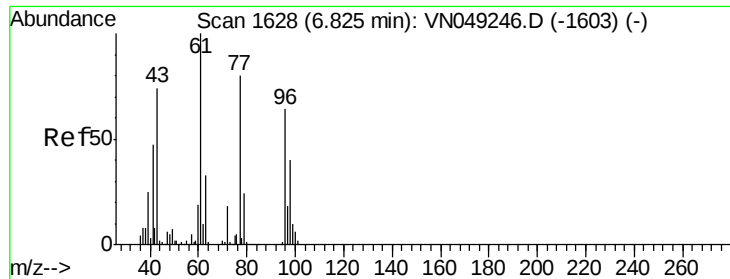


Abundance Ion 43.00 (42.70 to 43.70): VN049758.D (-1479) (-)

Ion 57.00 (56.70 to 57.70): VN049758.D (-1479) (-)

Ion 72.00 (71.70 to 72.70): VN049758.D (-1479) (-)





#31

2,2-Dichloropropane

Concen: 139.19 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049758.D

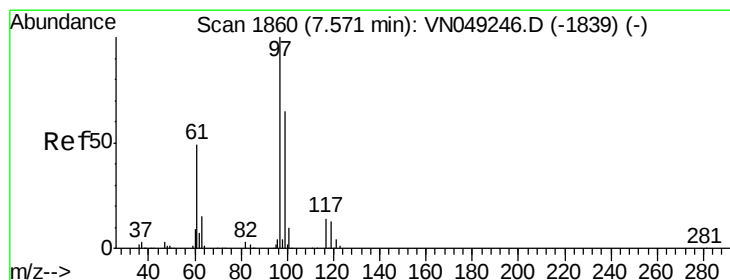
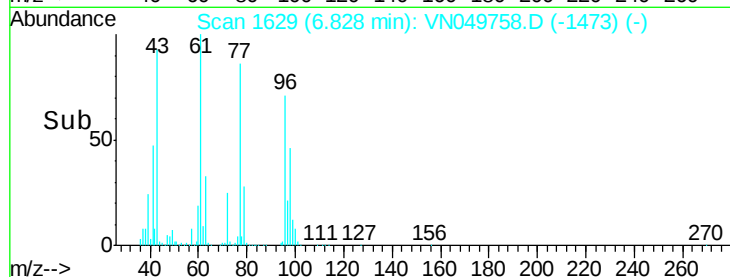
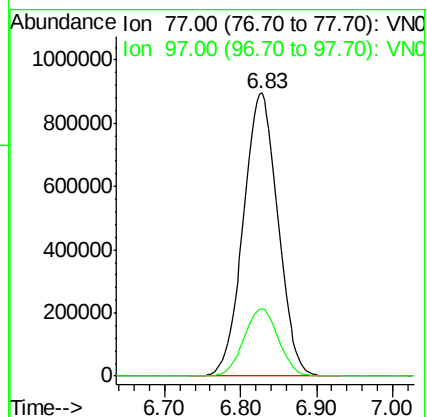
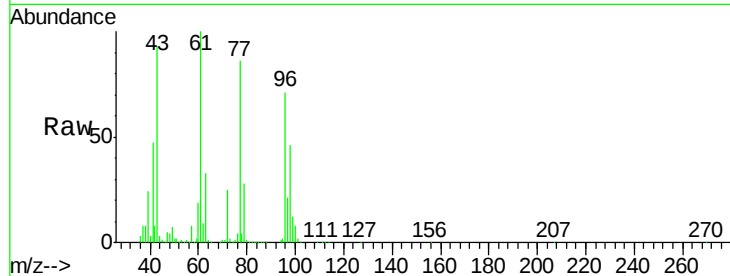
Acq: 11 Jul 2018 12:03

Tot Ion: 77 Resp: 2829800

Ion Ratio Lower Upper

77 100

97 23.9 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 127.93 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

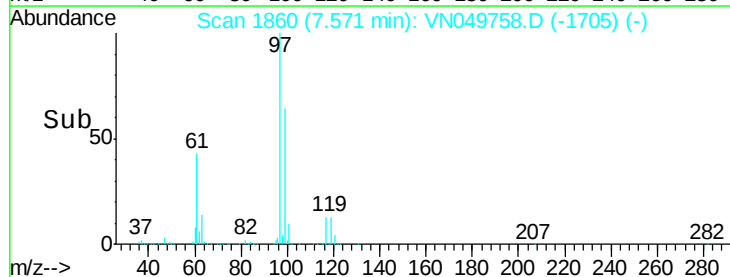
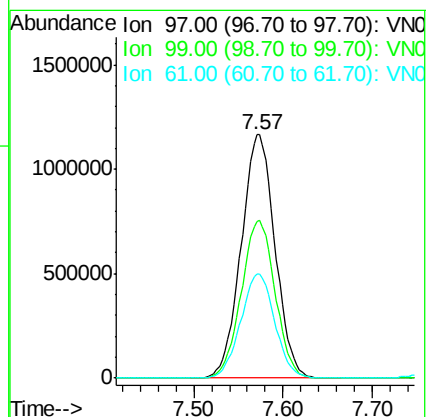
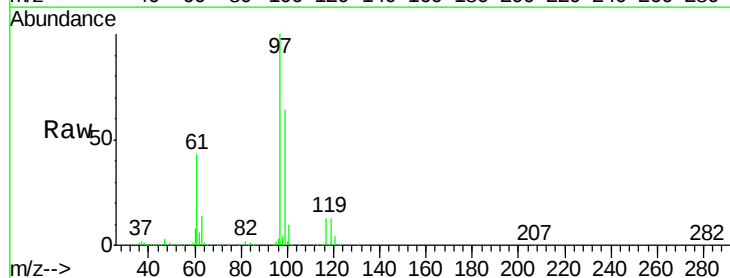
Tgt Ion: 97 Resp: 3071349

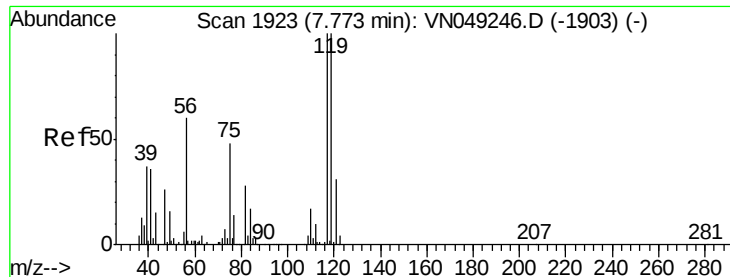
Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 43.2 35.3 52.9





#33

Carbon Tetrachloride

Concen: 130.90 ug/l

RT: 7.77 min Scan# 1923

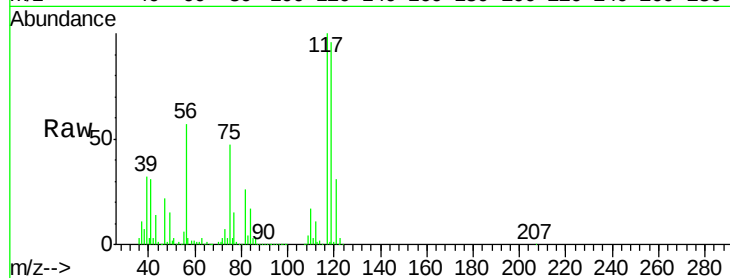
Delta R.T. -0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tot Ion:117 Resp: 2758634

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.9	115.3
121	30.7	24.4	36.6

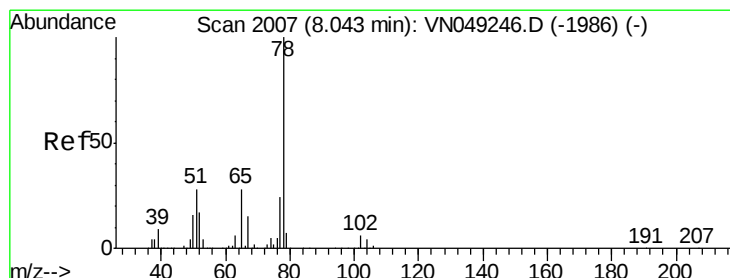
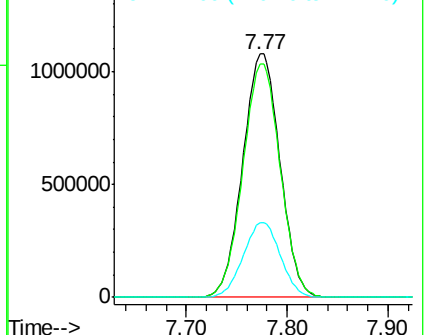
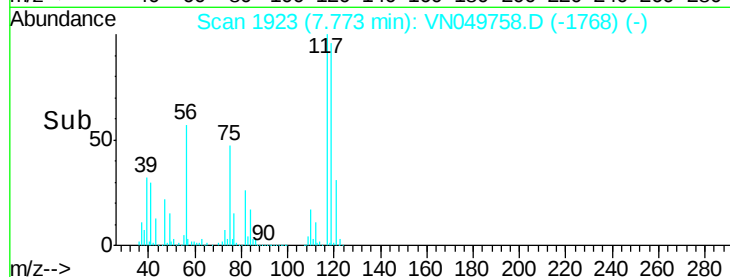


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 126.37 ug/l

RT: 8.04 min Scan# 2007

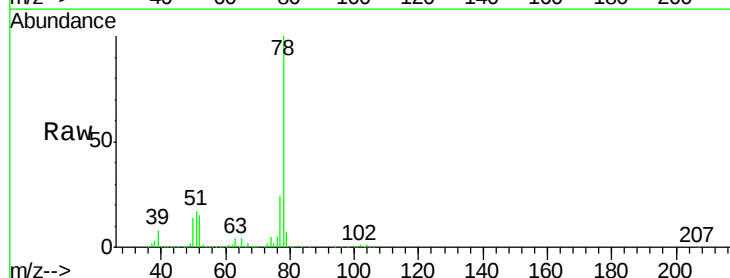
Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tgt Ion: 78 Resp: 8155057

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7
51	17.0	21.0	31.4#

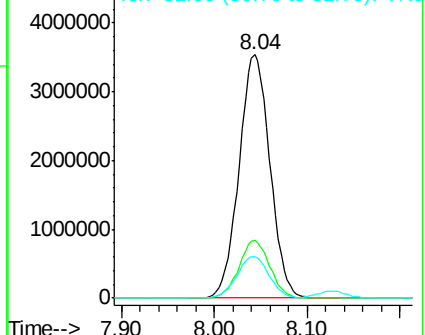
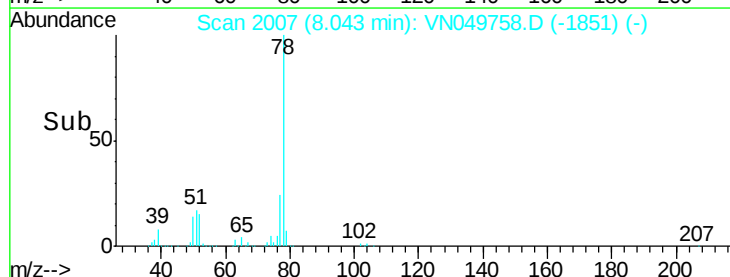


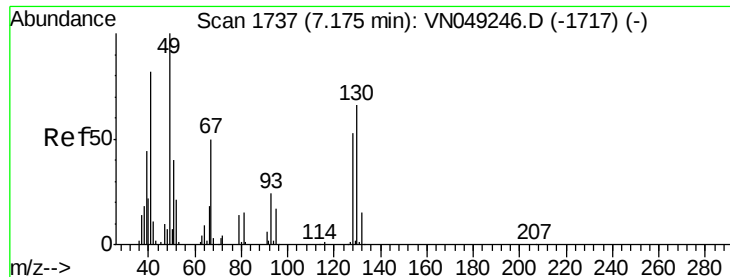
Abundance

Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

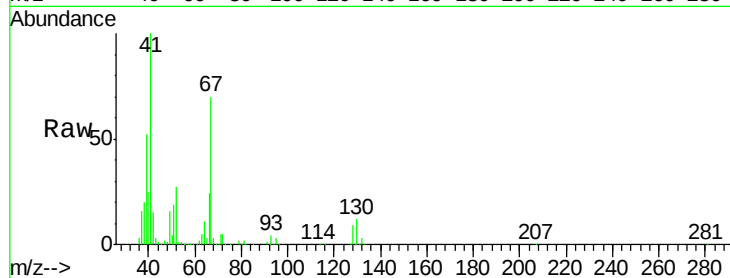
Ion 51.00 (50.70 to 51.70): V



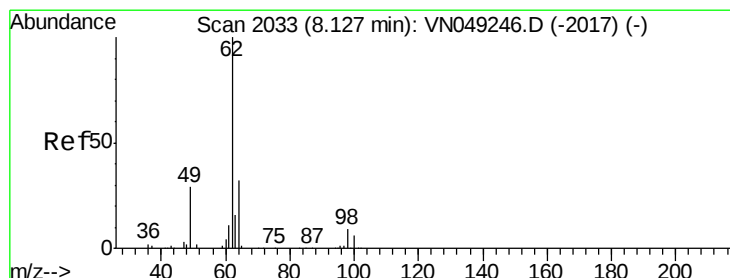
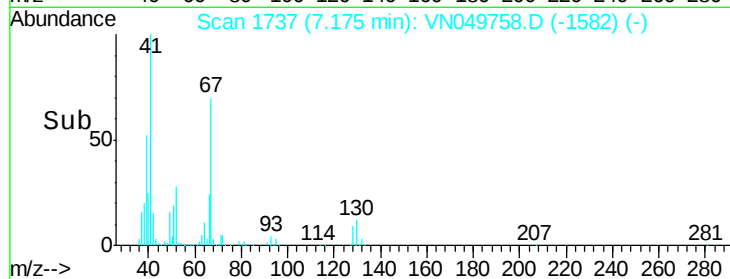
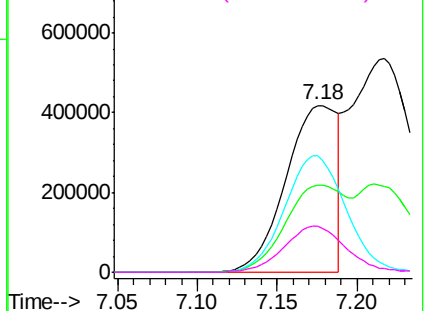


#35
Methacrylonitrile
Concen: 127.93 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.1	27.6	82.7
67	70.1	35.1	105.5
52	27.2	14.1	42.4

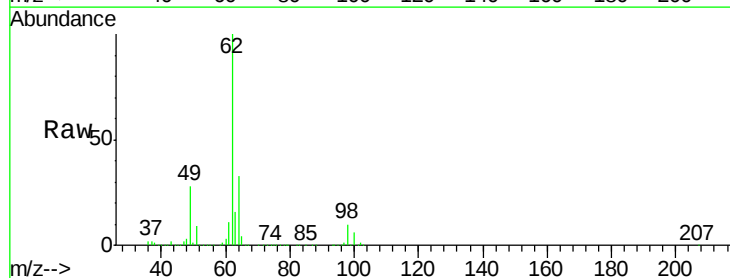


Abundance Ion 41.00 (40.70 to 41.70): VN049246.D (-1717) (-)
Ion 39.00 (38.70 to 39.70): VN049246.D (-1717) (-)
Ion 67.00 (66.70 to 67.70): VN049246.D (-1717) (-)
Ion 52.00 (51.70 to 52.70): VN049246.D (-1717) (-)

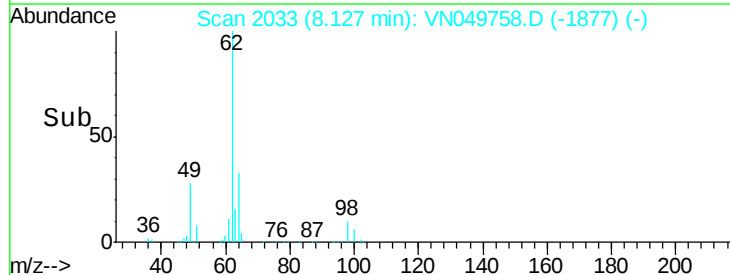
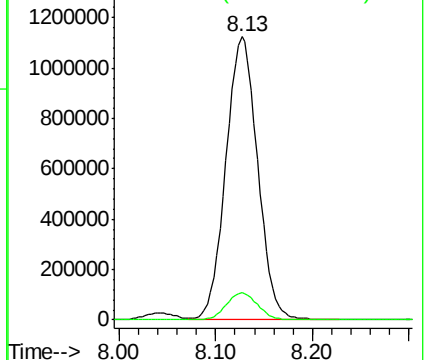


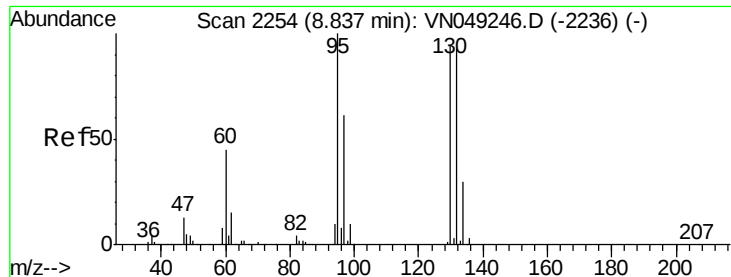
#36
1,2-Dichloroethane
Concen: 124.09 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.8	11.6



Abundance Ion 62.00 (61.70 to 62.70): VN049246.D (-1817) (-)
Ion 98.00 (97.70 to 98.70): VN049246.D (-1817) (-)





#37

Trichloroethene

Concen: 134.62 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049758.D

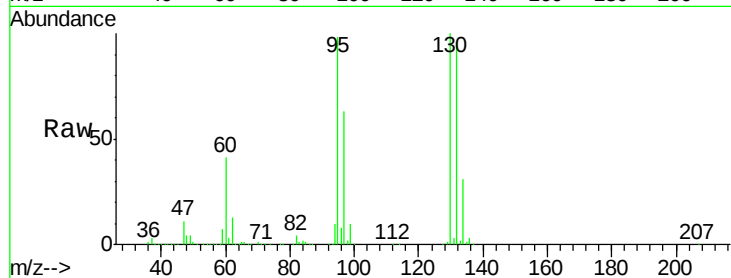
Acq: 11 Jul 2018 12:03

Tot Ion:130 Resp: 2129686

Ion Ratio Lower Upper

130 100

95 98.0 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): VN049758.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN049758.D (-2098) (-)

8.84

1000000

800000

600000

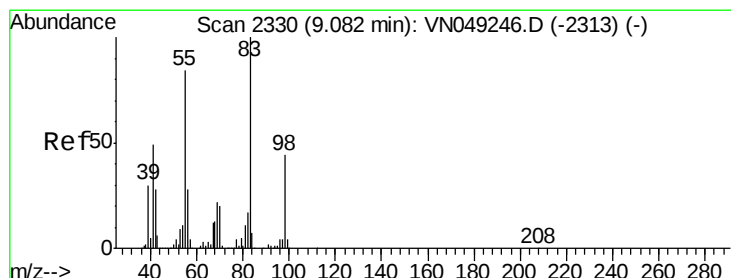
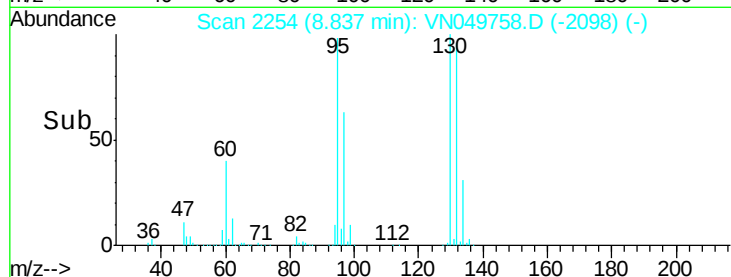
400000

200000

0

8.75 8.80 8.85 8.90

Time-->



#38

Methylcyclohexane

Concen: 142.72 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

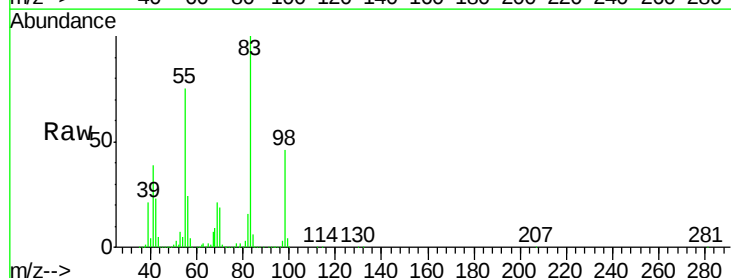
Tgt Ion: 83 Resp: 3140824

Ion Ratio Lower Upper

83 100

55 74.8 39.3 117.8

98 46.0 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN049758.D (-2174) (-)

Ion 55.00 (54.70 to 55.70): VN049758.D (-2174) (-)

Ion 98.00 (97.70 to 98.70): VN049758.D (-2174) (-)

9.08

2000000

1500000

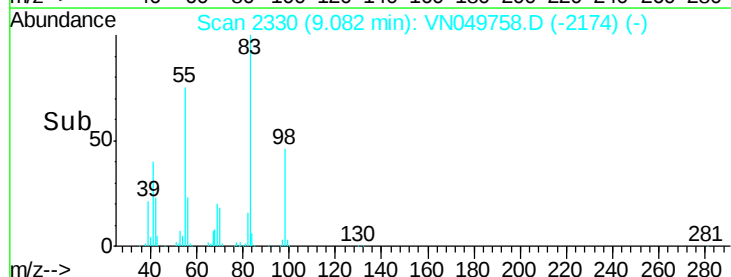
1000000

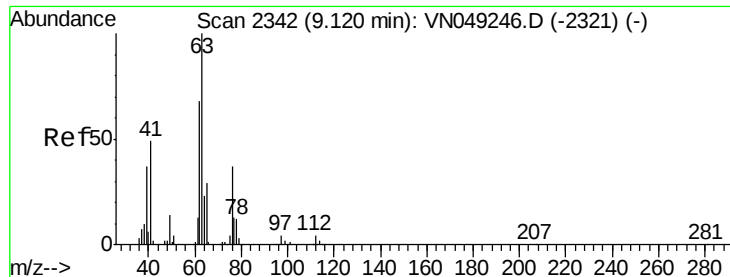
500000

0

9.00 9.10 9.20

Time-->





#39

1,2-Dichloropropane

Concen: 120.17 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049758.D

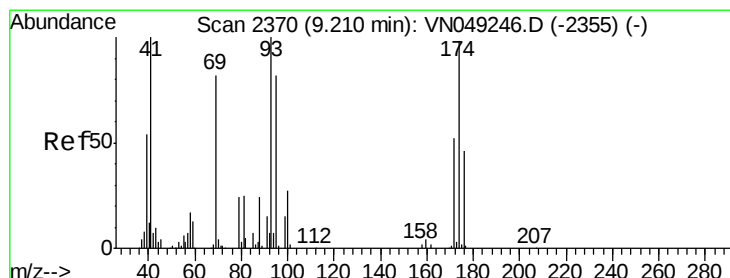
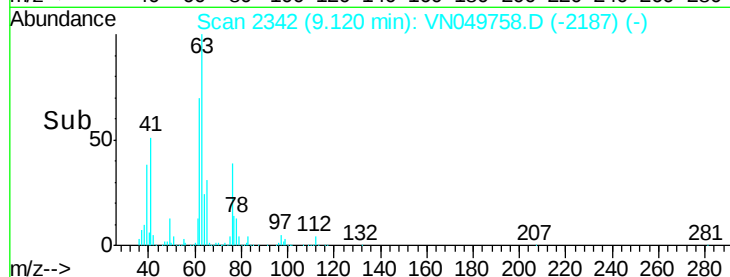
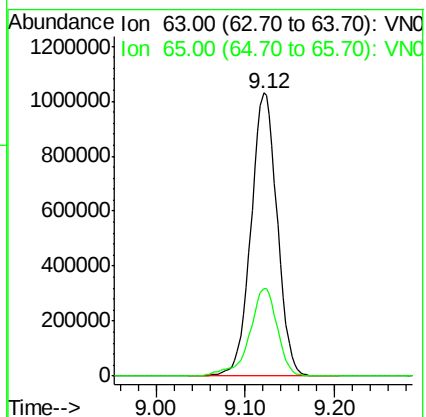
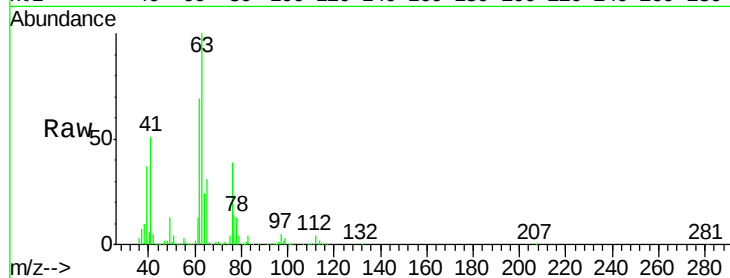
Acq: 11 Jul 2018 12:03

Tot Ion: 63 Resp: 2108441

Ion Ratio Lower Upper

63 100

65 31.1 24.2 36.2



#40

Dibromomethane

Concen: 130.07 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

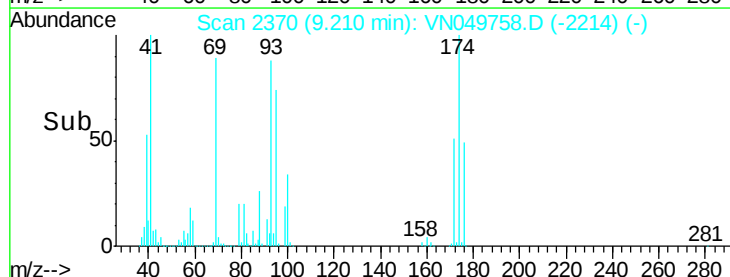
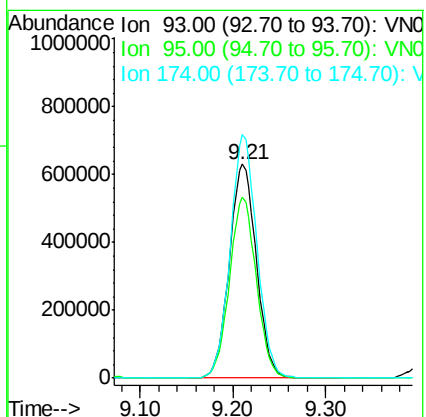
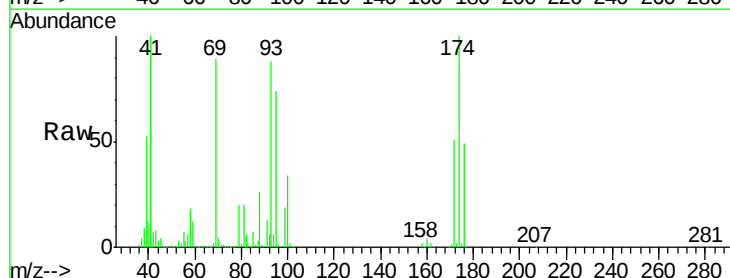
Tgt Ion: 93 Resp: 1277820

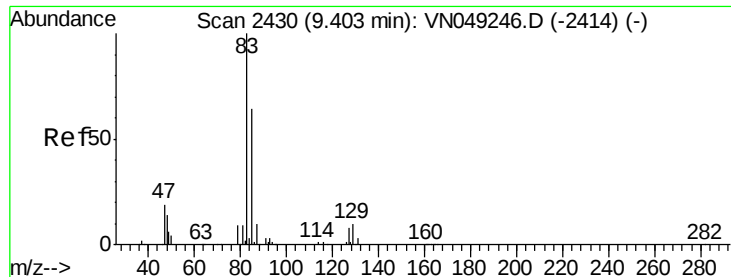
Ion Ratio Lower Upper

93 100

95 83.6 0.0 165.6

174 111.9 0.0 223.2





#41

Bromodichloromethane

Concen: 126.39 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

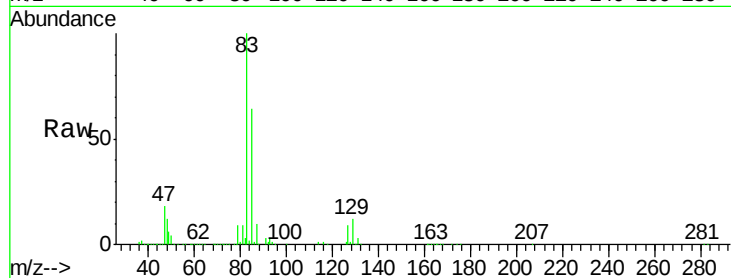
Tot Ion: 83 Resp: 2742290

Ion Ratio Lower Upper

83 100

85 64.4 52.6 78.8

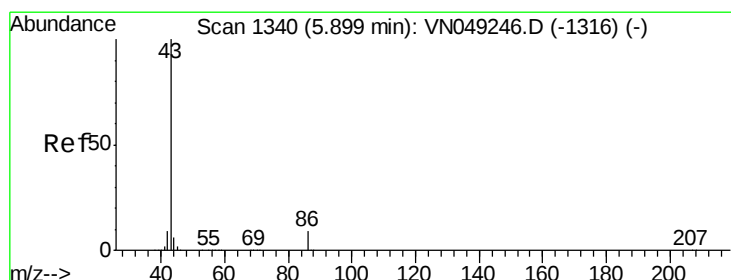
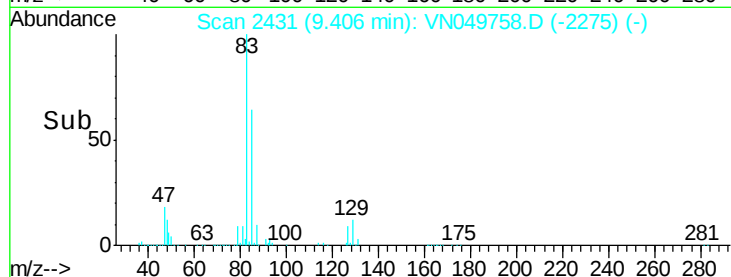
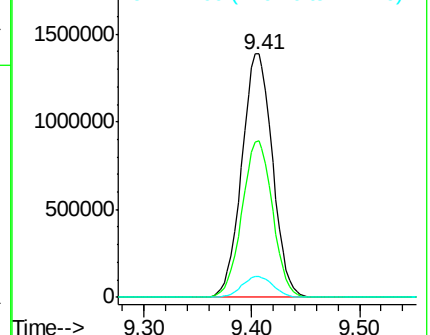
127 8.7 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 629.43 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN049758.D

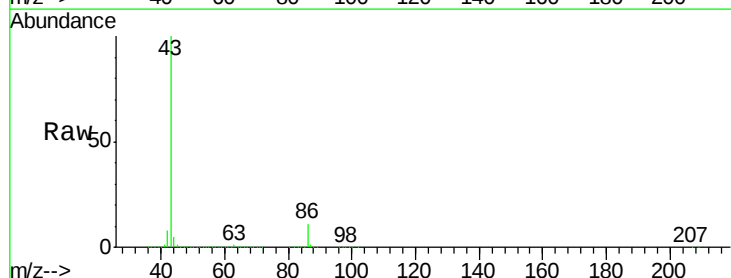
Acq: 11 Jul 2018 12:03

Tgt Ion: 43 Resp: 21167903

Ion Ratio Lower Upper

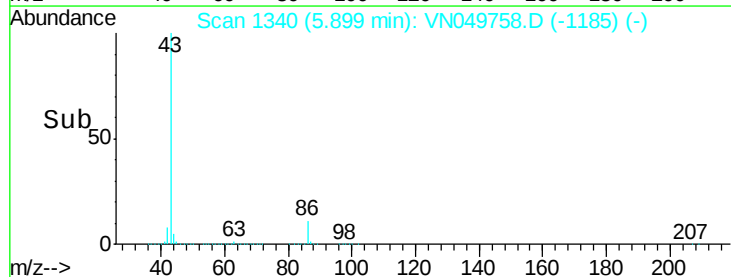
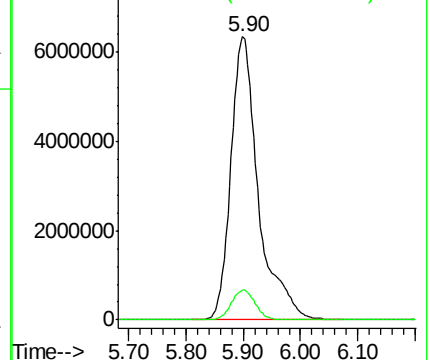
43 100

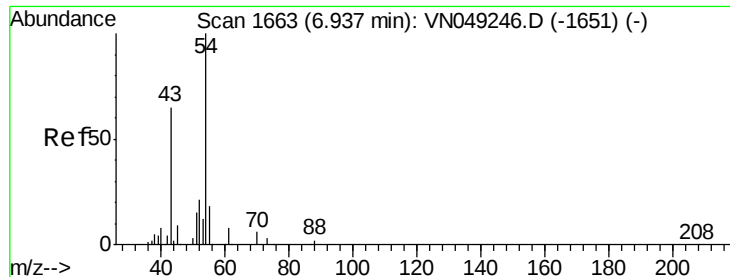
86 9.3 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 131.06 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049758.D

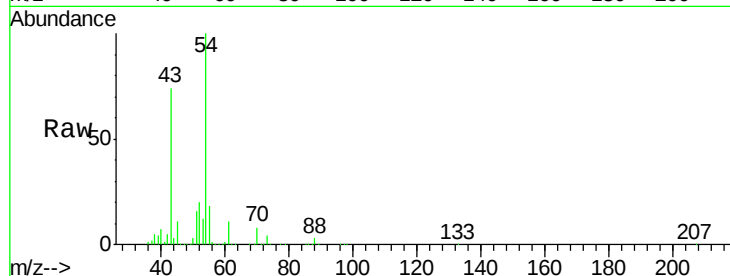
Acq: 11 Jul 2018 12:03

Tot Ion: 43 Resp: 1720745

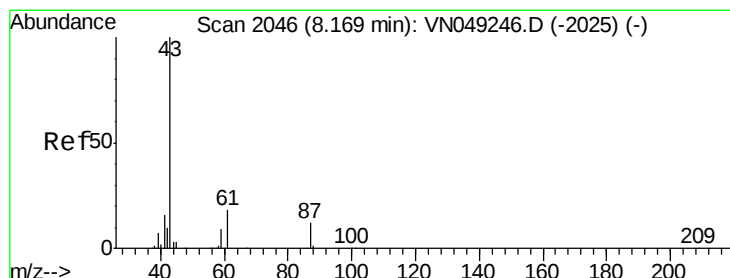
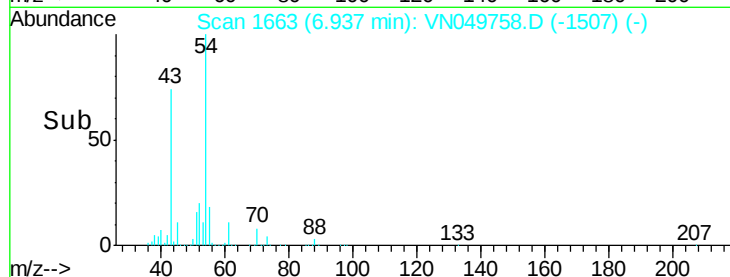
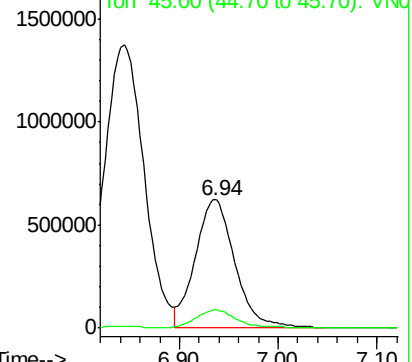
Ion Ratio Lower Upper

43 100

45 15.1 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN049758.D (-1507) (-)



#44

Isopropyl Acetate

Concen: 124.84 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049758.D

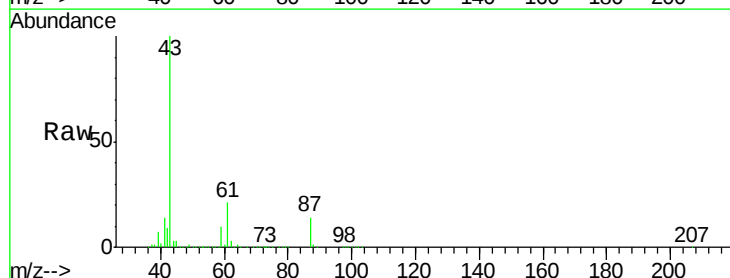
Acq: 11 Jul 2018 12:03

Tgt Ion: 43 Resp: 3130162

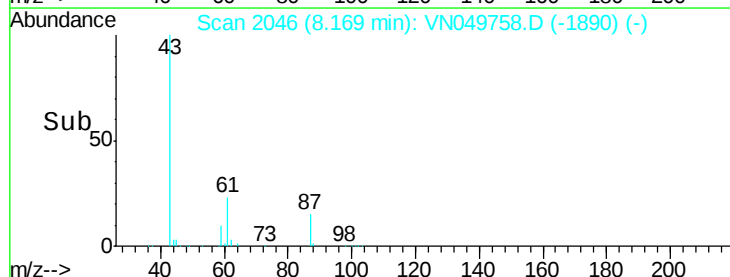
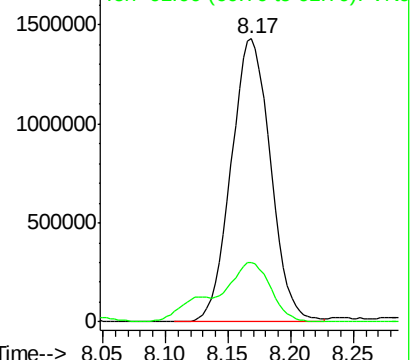
Ion Ratio Lower Upper

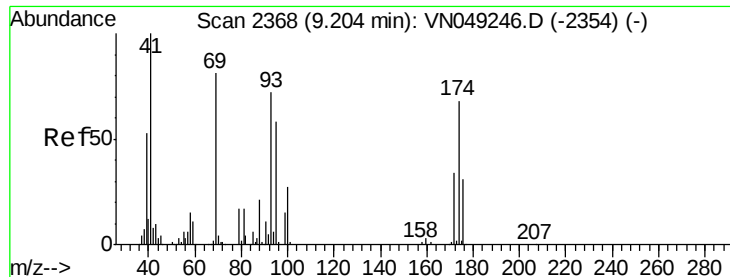
43 100

61 21.0 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN049758.D (-1890) (-)





#45

1,4-Dioxane

Concen: 2947.48 ug/l

RT: 9.20 min Scan# 2368

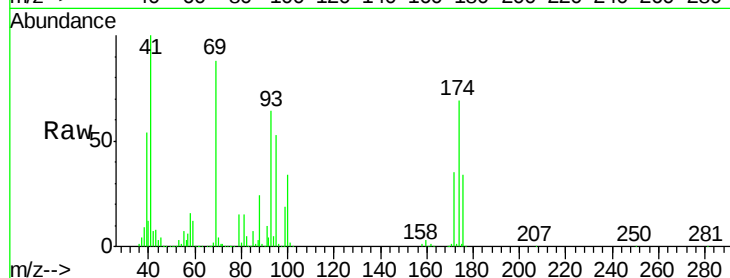
Delta R.T. -0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tot Ion: 88 Resp: 420659

Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.9	40.3
58	69.2	53.6	80.4

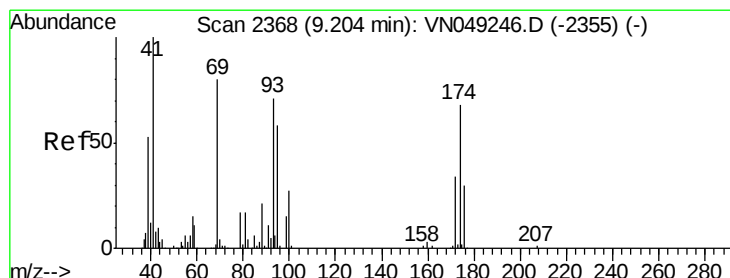
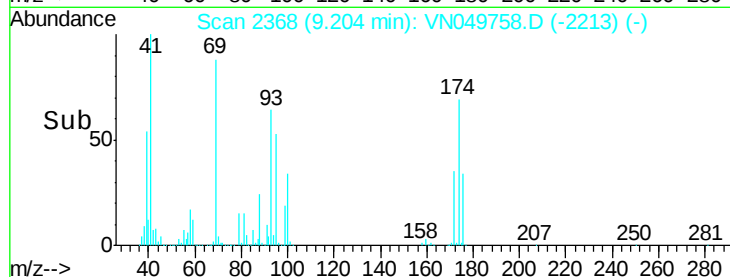
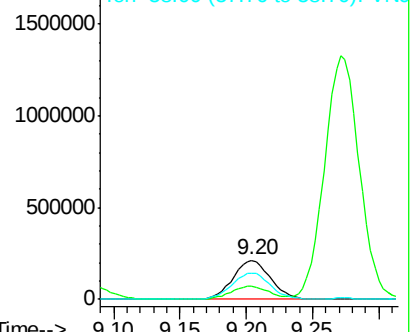


Abundance

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



#46

Methyl methacrylate

Concen: 136.42 ug/l

RT: 9.20 min Scan# 2367

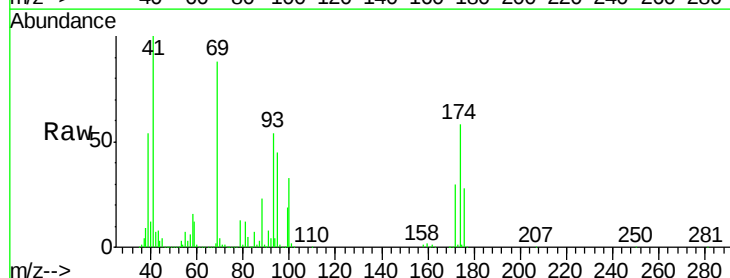
Delta R.T. -0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tgt Ion: 41 Resp: 1618757

Ion	Ratio	Lower	Upper
41	100		
69	88.4	44.0	132.1
39	53.7	27.0	80.8

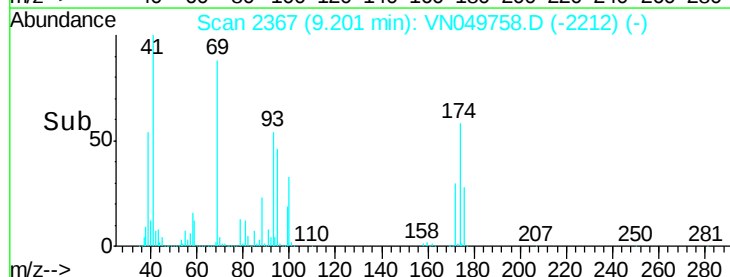
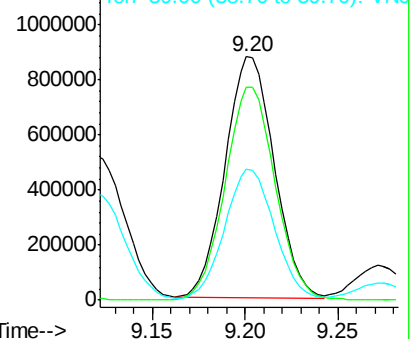


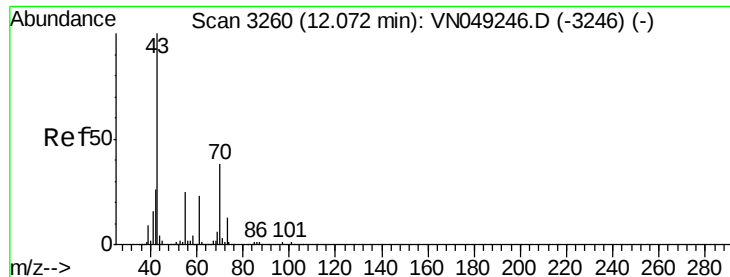
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#47

n-amyl Acetate

Concen: 145.66 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049758.D

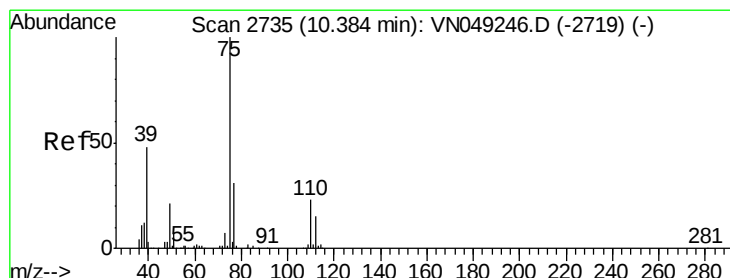
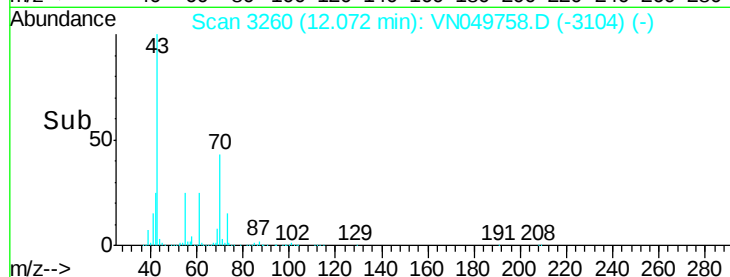
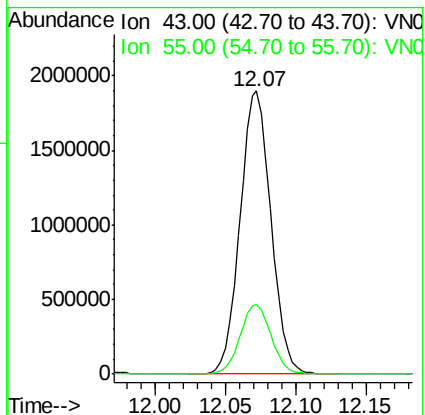
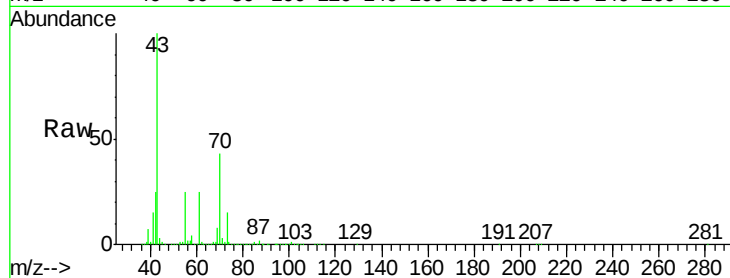
Acq: 11 Jul 2018 12:03

Tot Ion: 43 Resp: 2904298

Ion Ratio Lower Upper

43 100

55 24.9 21.0 31.4



#48

t-1,3-Dichloropropene

Concen: 140.41 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049758.D

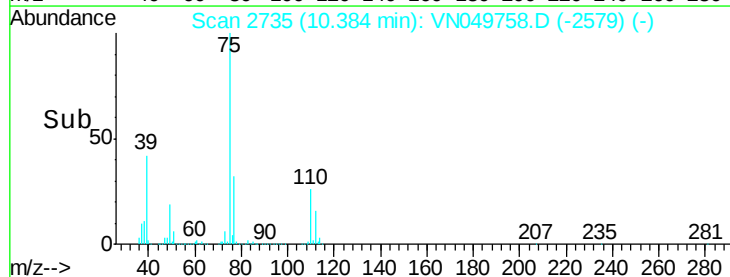
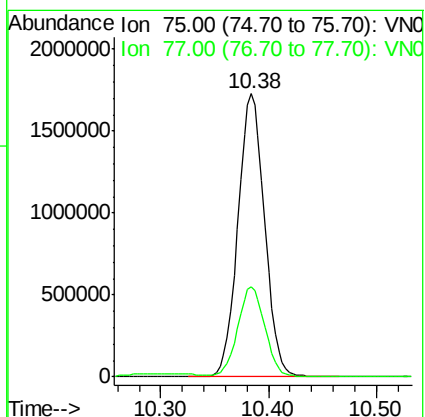
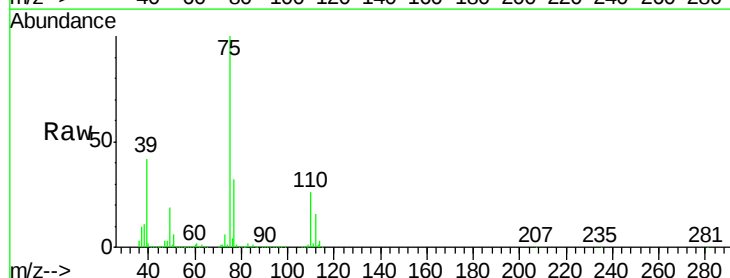
Acq: 11 Jul 2018 12:03

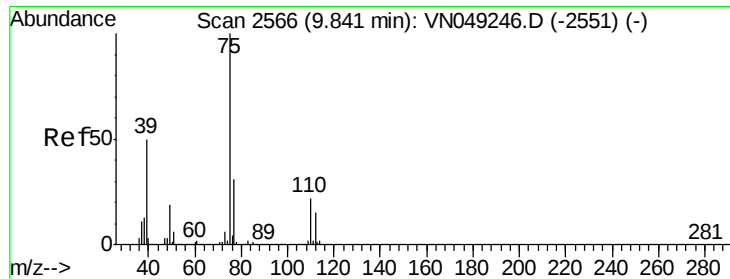
Tgt Ion: 75 Resp: 2975610

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0



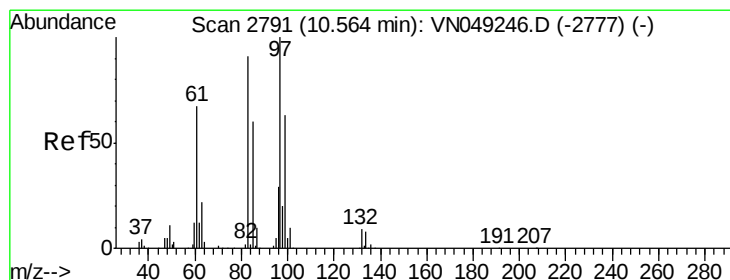
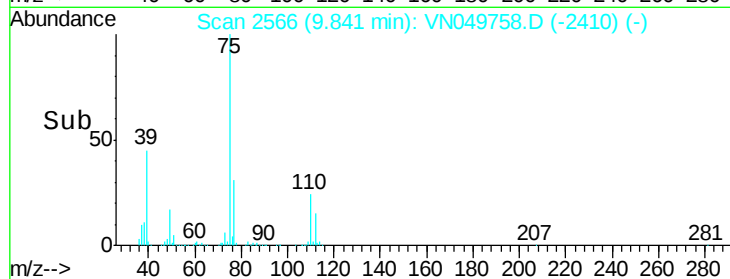
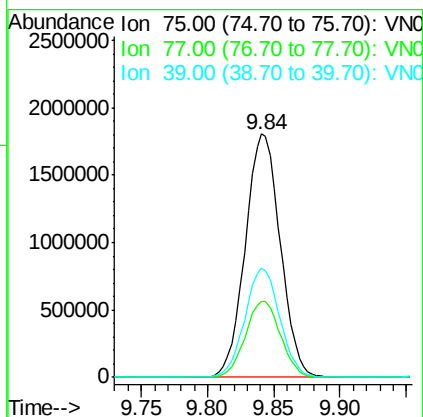
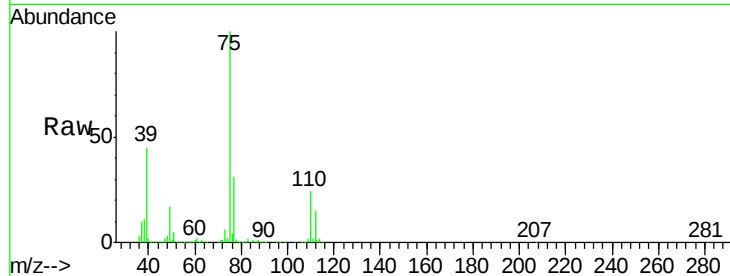


#49

cis-1,3-Dichloropropene
Concen: 134.06 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion: 75 Resp: 3303805

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5
39	44.7	36.3	54.5

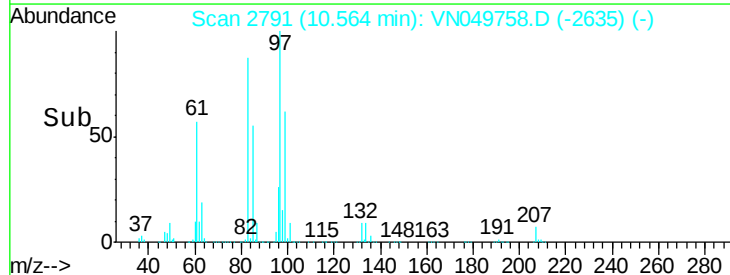
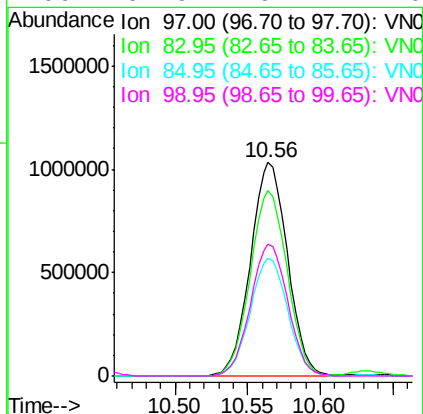
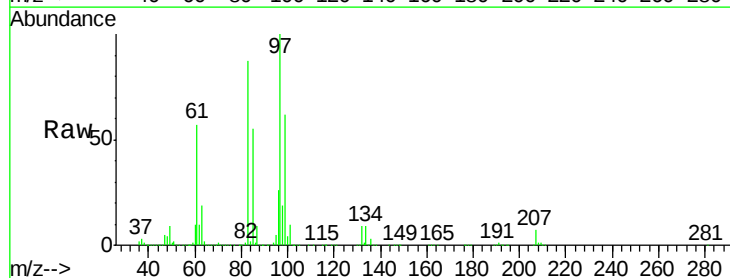


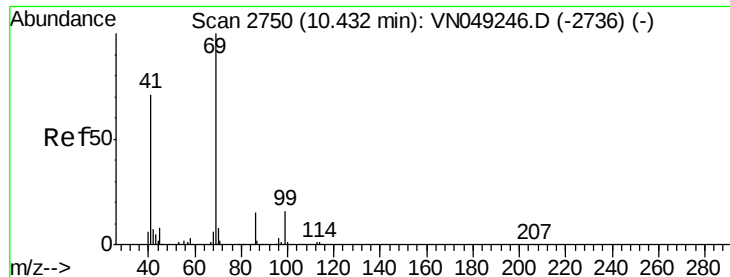
#50

1,1,2-Trichloroethane
Concen: 130.86 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion: 97 Resp: 1836426

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.1	102.1
85	55.1	45.4	68.2
99	61.9	49.4	74.0





#51

Ethyl methacrylate

Concen: 142.96 ug/l

RT: 10.43 min Scan# 2750

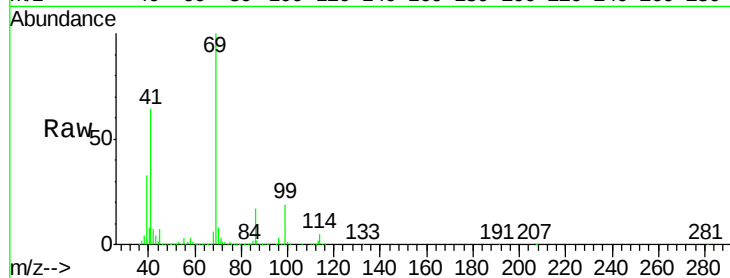
Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tot Ion: 69 Resp: 2493607

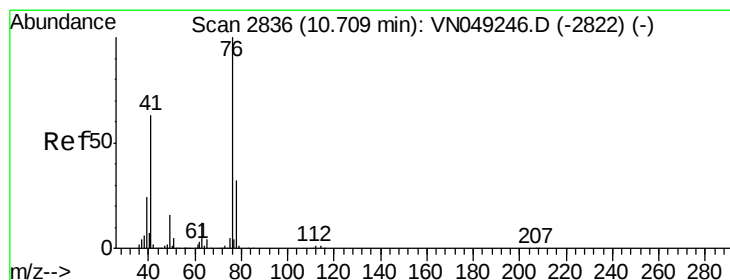
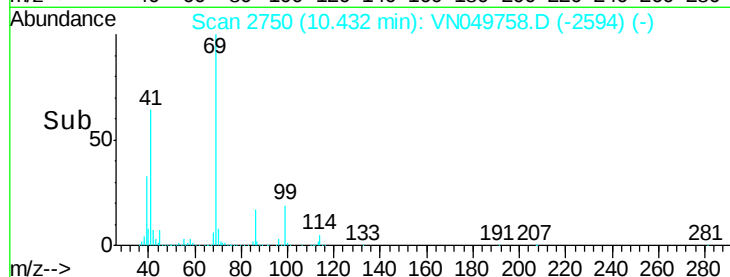
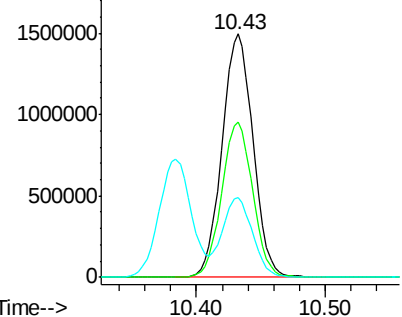
Ion	Ratio	Lower	Upper
69	100		
41	63.8	31.9	95.9
39	32.8	16.7	50.1



Abundance Ion 69.00 (68.70 to 69.70): VN049246.D (-2736) (-)

Ion 41.00 (40.70 to 41.70): VN049246.D (-2736) (-)

Ion 39.00 (38.70 to 39.70): VN049246.D (-2736) (-)



#52

1,3-Dichloropropane

Concen: 130.60 ug/l

RT: 10.71 min Scan# 2836

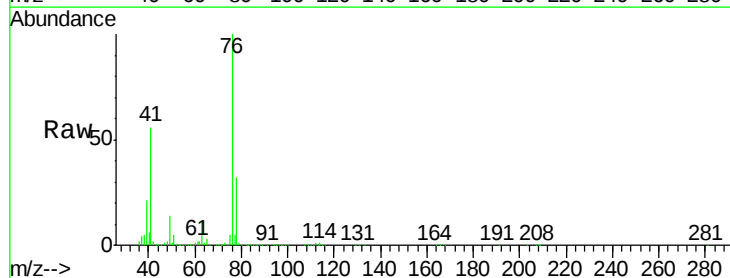
Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

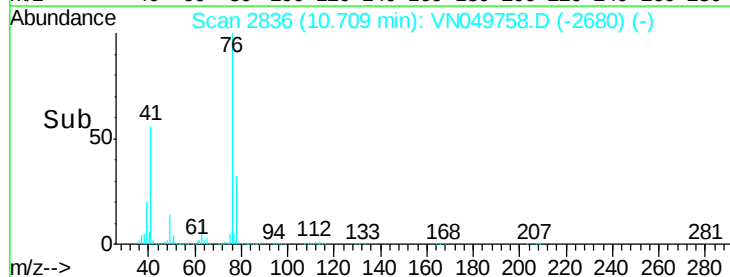
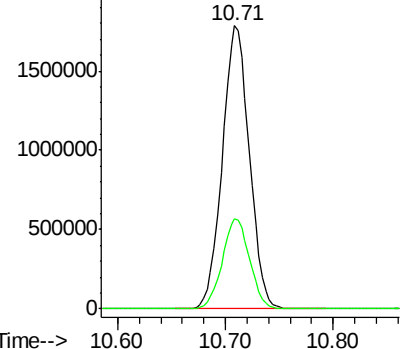
Tgt Ion: 76 Resp: 3113576

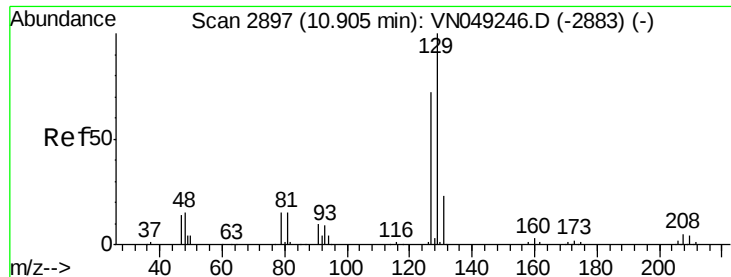
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	65.6



Abundance Ion 76.00 (75.70 to 76.70): VN049246.D (-2822) (-)

Ion 78.00 (77.70 to 78.70): VN049246.D (-2822) (-)





#53

Dibromochloromethane

Concen: 137.86 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049758.D

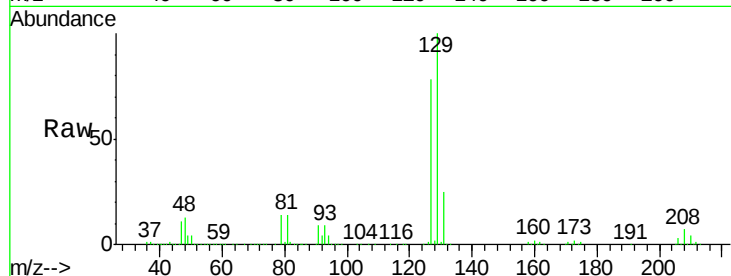
Acq: 11 Jul 2018 12:03

Tot Ion:129 Resp: 2151371

Ion Ratio Lower Upper

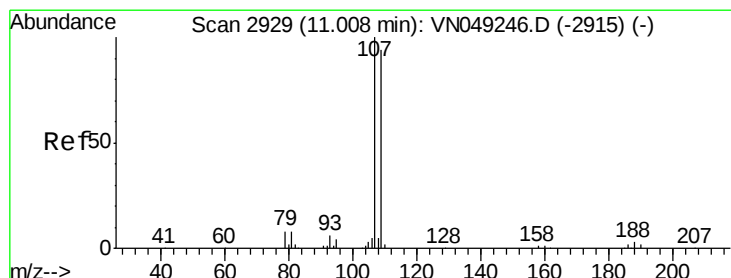
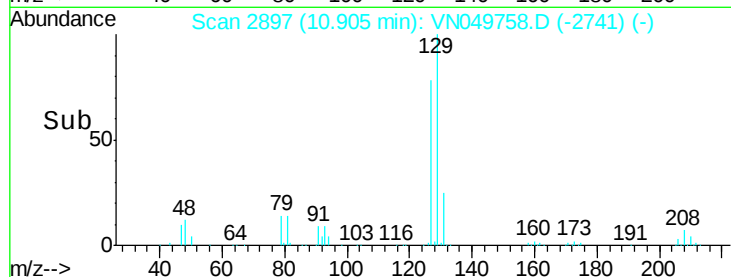
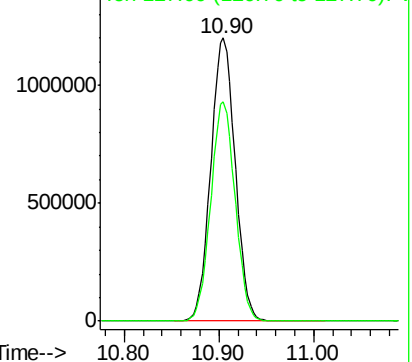
129 100

127 77.4 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 143.87 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049758.D

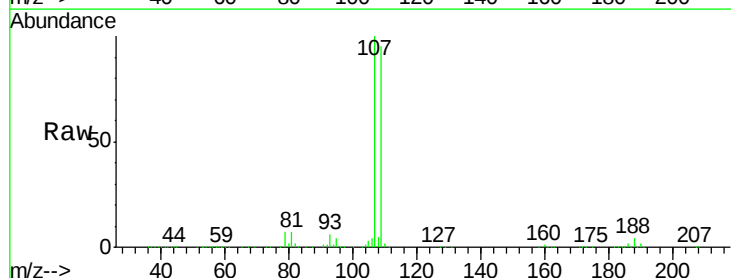
Acq: 11 Jul 2018 12:03

Tgt Ion:107 Resp: 1884033

Ion Ratio Lower Upper

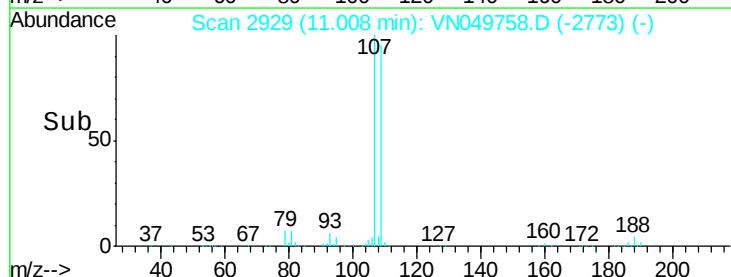
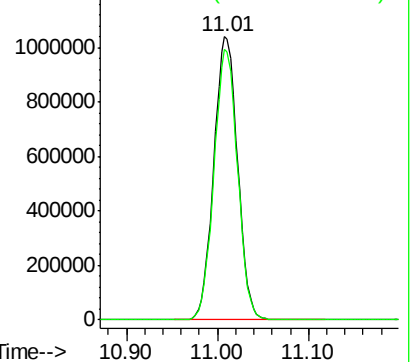
107 100

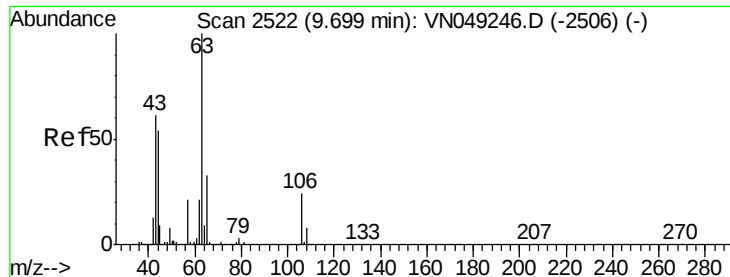
109 95.0 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 1115.33 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

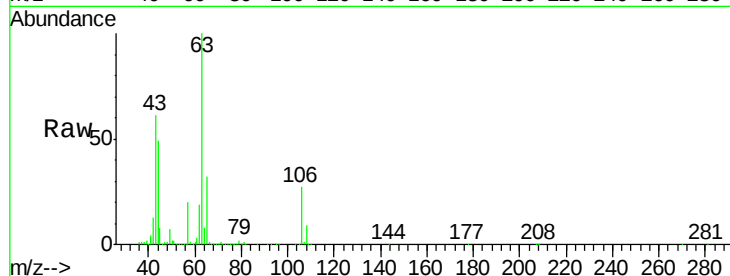
Tot Ion: 63 Resp: 6858659

Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3
106	27.2	21.8	32.6

63 100

65 32.2 25.5 38.3

106 27.2 21.8 32.6

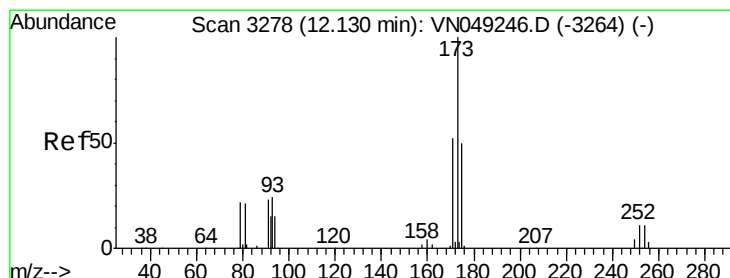
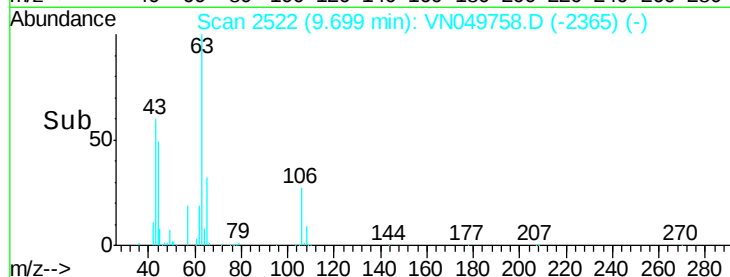
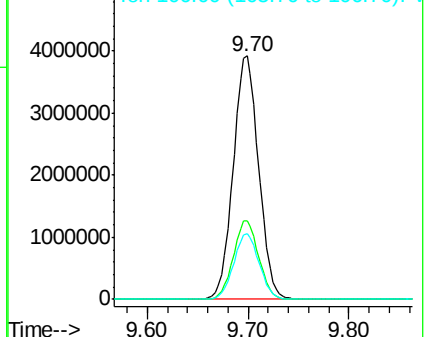


Abundance

Ion 63.00 (62.70 to 63.70): VN049246.D (-2506) (-)

Ion 65.00 (64.70 to 65.70): VN049246.D (-2506) (-)

Ion 106.00 (105.70 to 106.70): VN049246.D (-2506) (-)



#56

Bromoform

Concen: 156.68 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

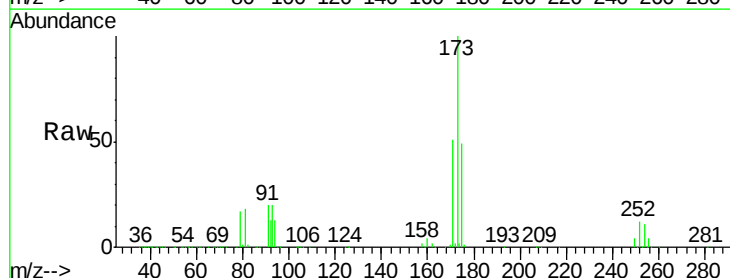
Tgt Ion: 173 Resp: 1573926

Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.6	57.8
254	11.2	8.8	13.2

173 100

175 48.6 38.6 57.8

254 11.2 8.8 13.2

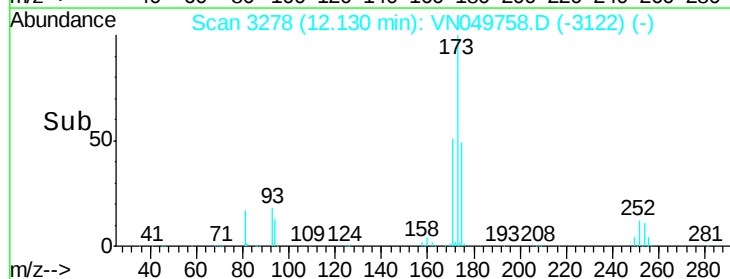
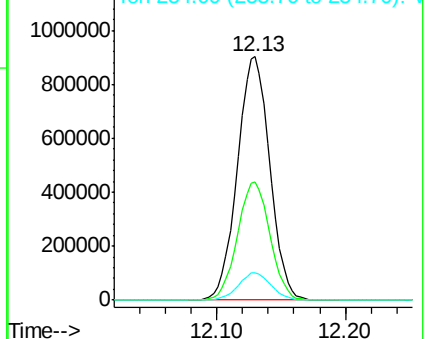


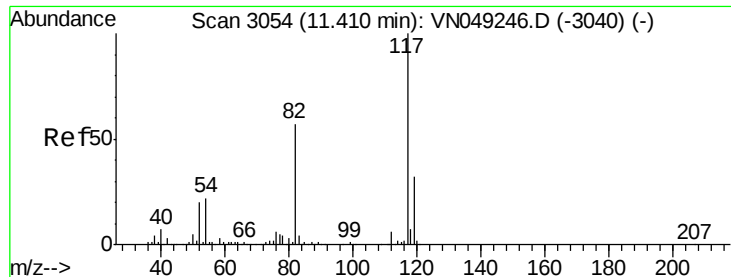
Abundance

Ion 173.00 (172.70 to 173.70): VN049246.D (-3264) (-)

Ion 175.00 (174.70 to 175.70): VN049246.D (-3264) (-)

Ion 254.00 (253.70 to 254.70): VN049246.D (-3264) (-)

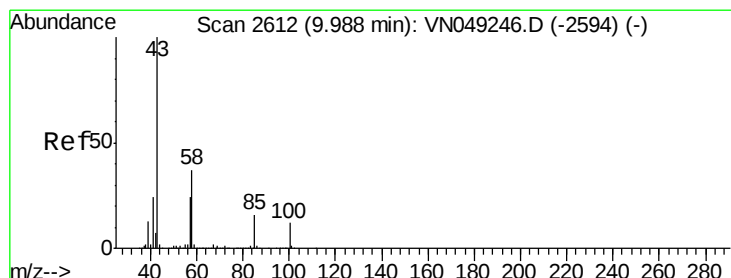
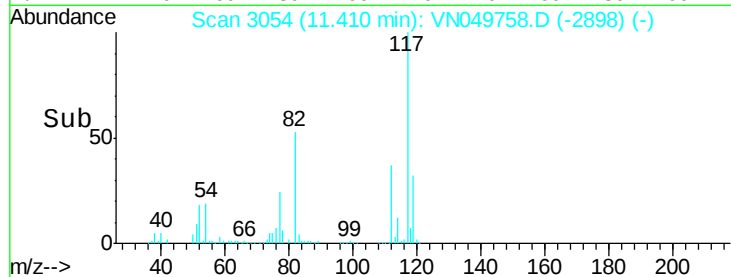
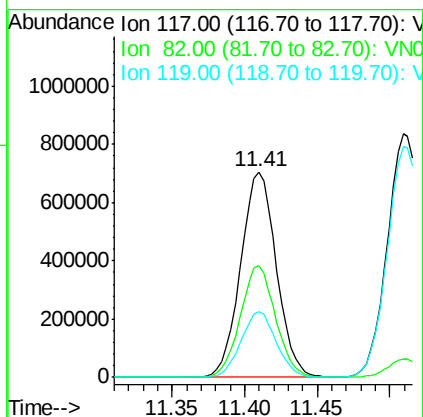
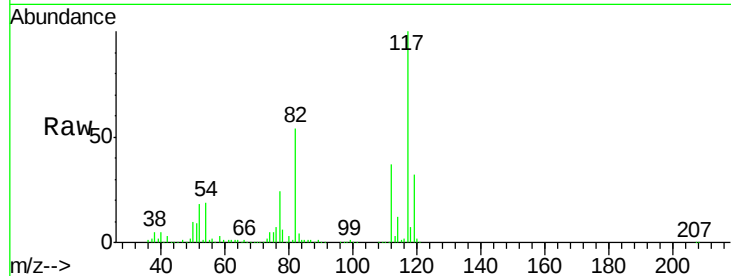




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion:117 Resp: 1205098

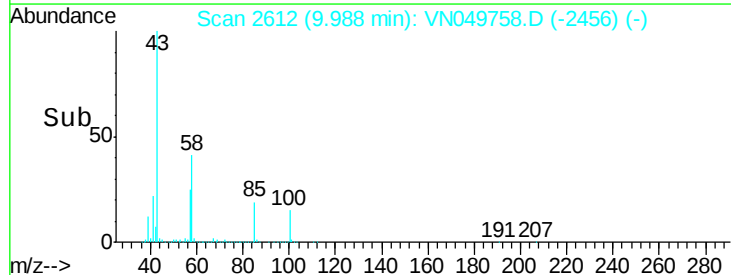
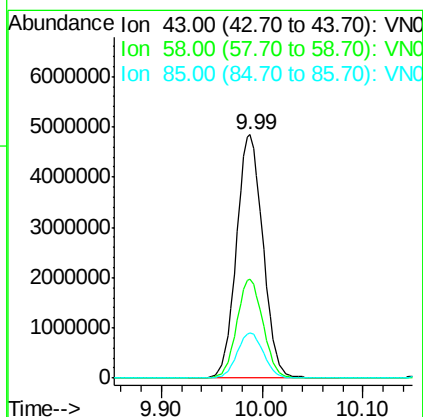
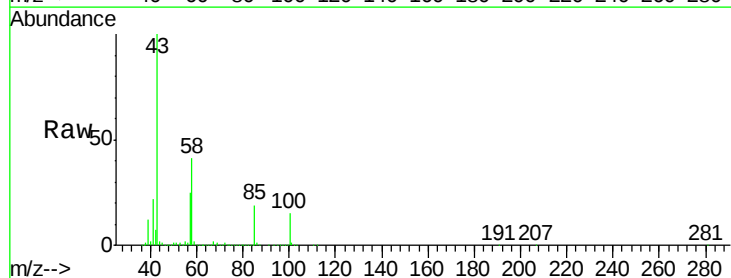
Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.4	63.6
119	31.9	25.4	38.0

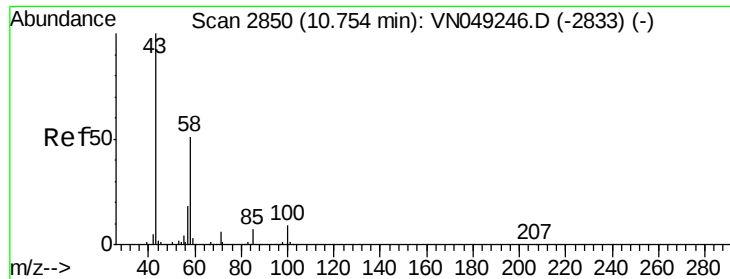


#58
4-Methyl-2-Pentanone
Concen: 644.94 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion: 43 Resp: 8777996

Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.2	46.8
85	18.5	14.4	21.6

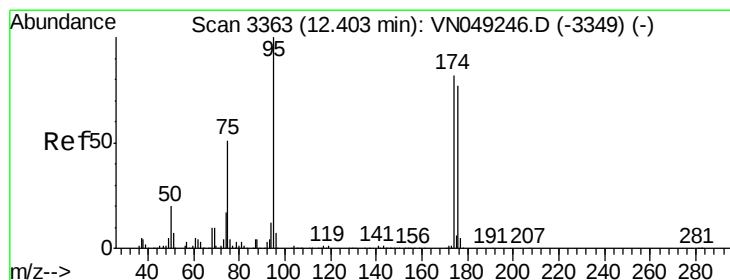
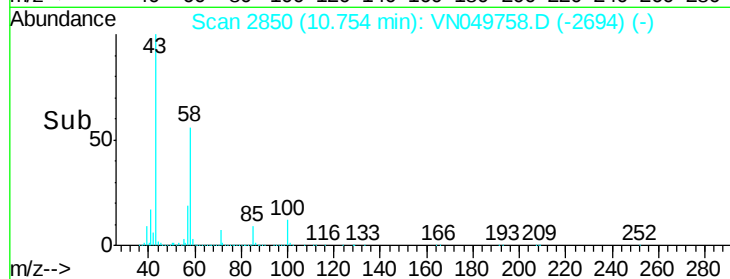
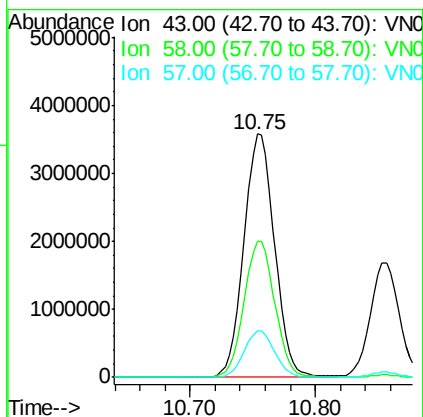
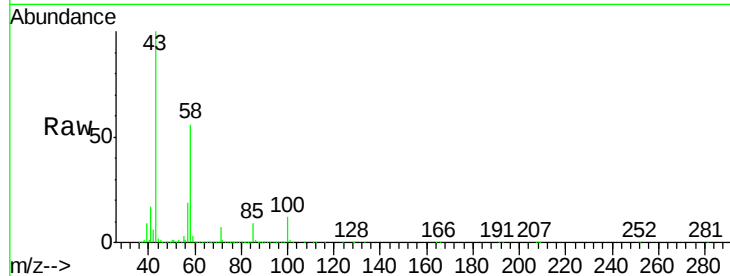




#59
2-Hexanone
Concen: 703.55 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion: 43 Resp: 6060633

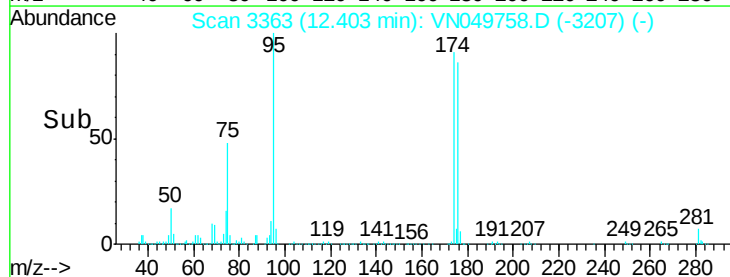
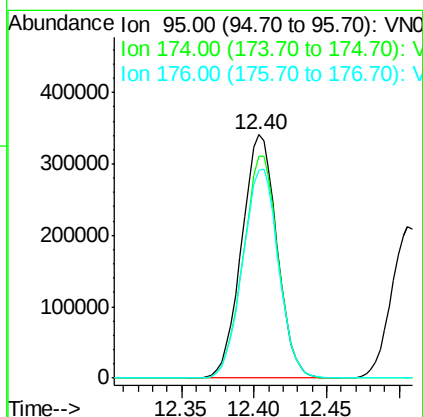
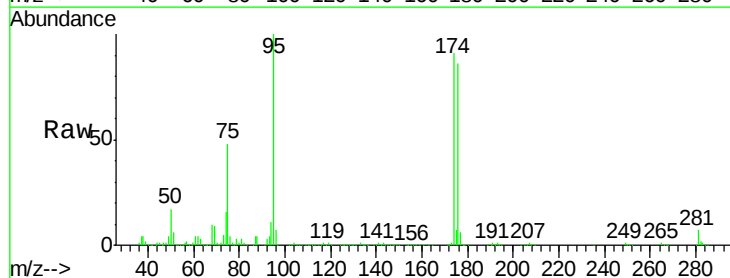
Ion	Ratio	Lower	Upper
43	100		
58	56.2	43.8	65.8
57	19.1	15.1	22.7

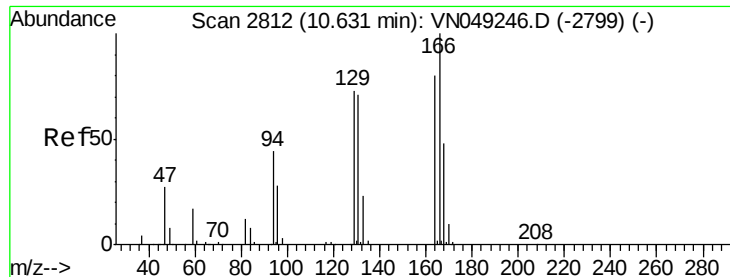


#60
4-Bromofluorobenzene
Concen: 30.57 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion: 95 Resp: 578444

Ion	Ratio	Lower	Upper
95	100		
174	90.5	72.3	108.5
176	87.2	70.0	105.0

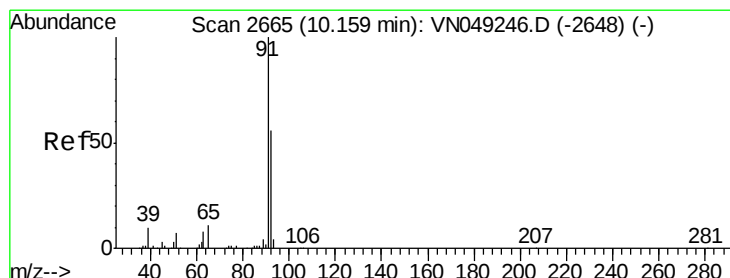
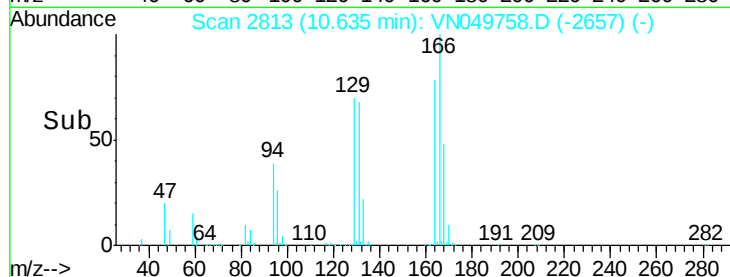
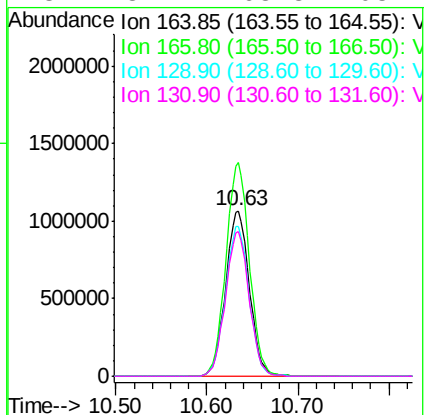
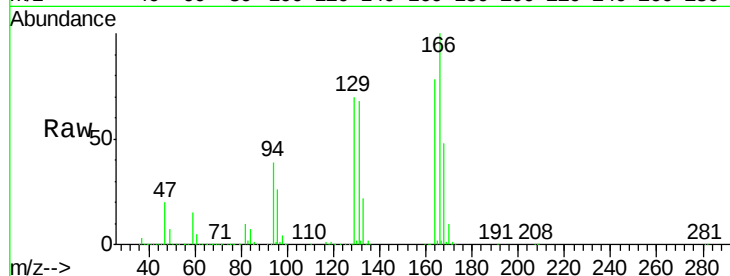




#61
Tetrachloroethene
Concen: 122.33 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion:164 Resp: 1926844

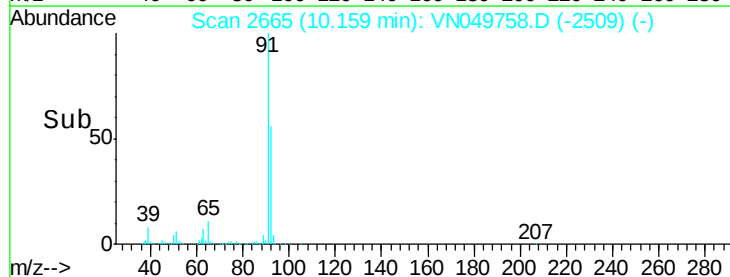
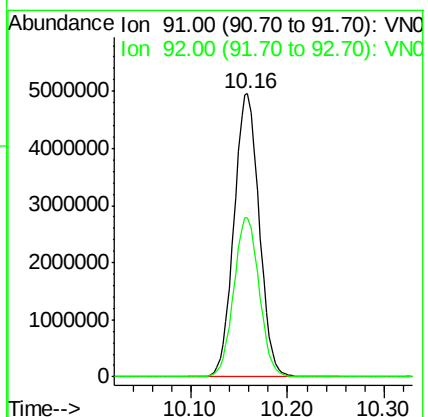
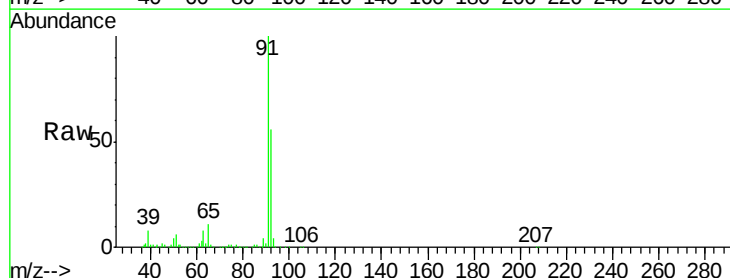
Ion	Ratio	Lower	Upper
164	100		
166	129.0	100.0	150.0
129	90.6	69.3	103.9
131	87.4	68.8	103.2

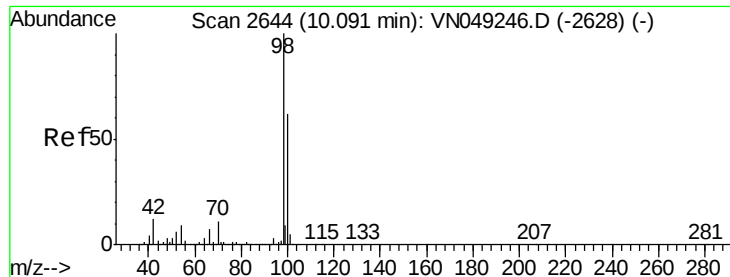


#62
Toluene
Concen: 128.46 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion: 91 Resp: 8971933

Ion	Ratio	Lower	Upper
91	100		
92	56.7	45.7	68.5





#63

Toluene-d8

Concen: 28.63 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049758.D

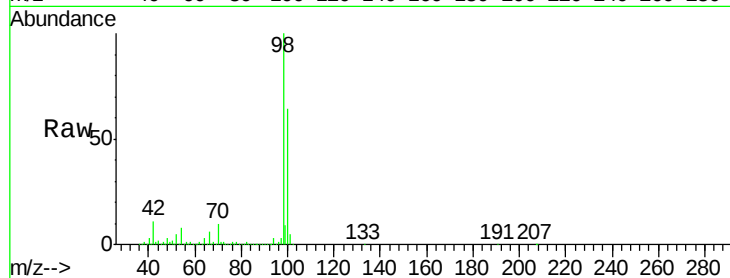
Acq: 11 Jul 2018 12:03

Tot Ion: 98 Resp: 1655540

Ion Ratio Lower Upper

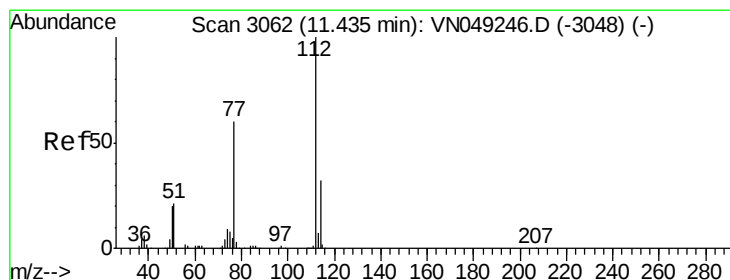
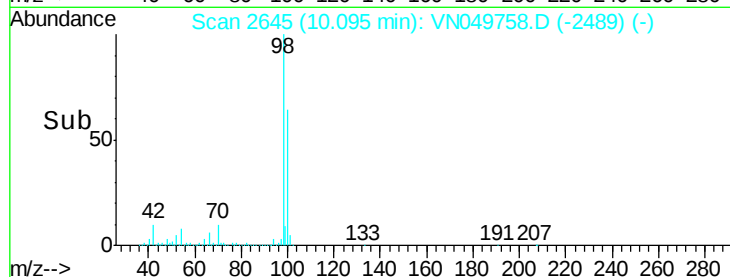
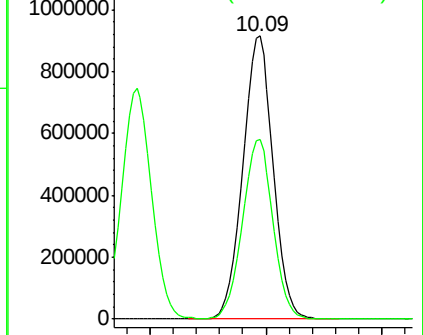
98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 135.91 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049758.D

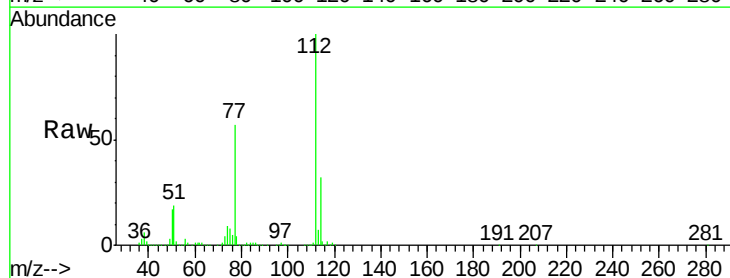
Acq: 11 Jul 2018 12:03

Tgt Ion: 112 Resp: 5607803

Ion Ratio Lower Upper

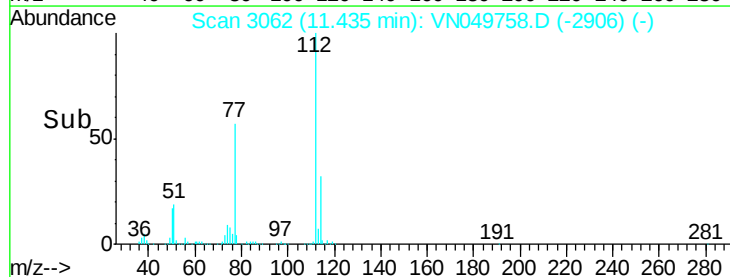
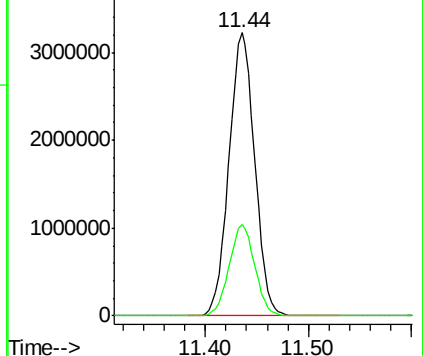
112 100

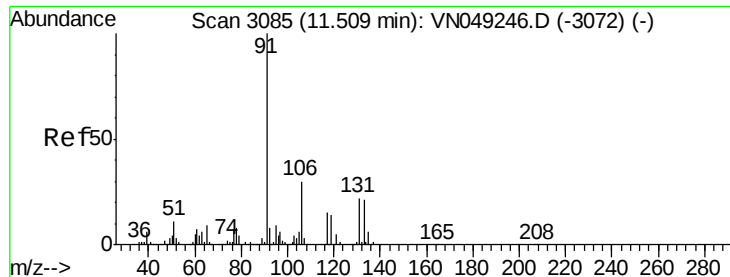
114 32.3 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 134.44 ug/l

RT: 11.51 min Scan# 3085

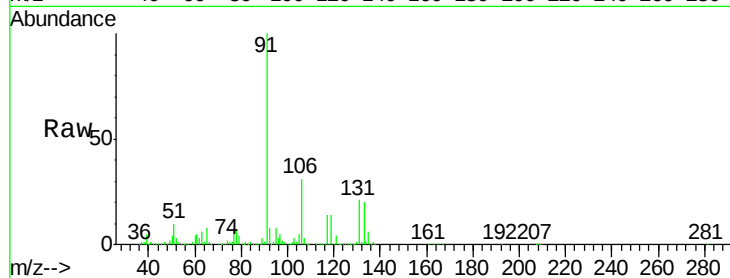
Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tot Ion:131 Resp: 2086909

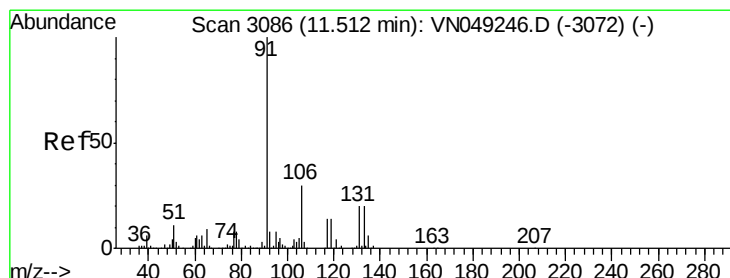
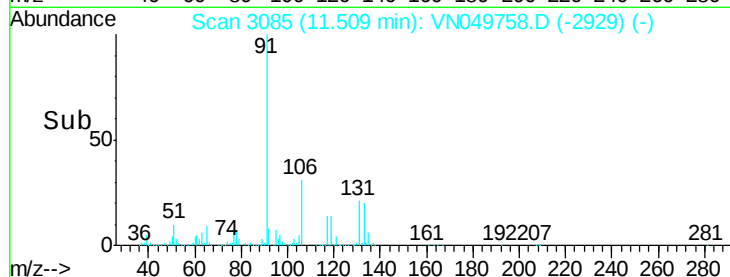
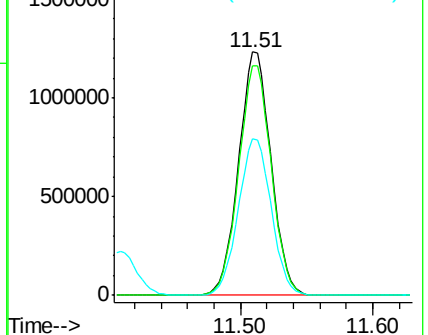
Ion	Ratio	Lower	Upper
131	100		
133	95.1	0.0	190.0
119	65.4	0.0	131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 137.08 ug/l

RT: 11.51 min Scan# 3086

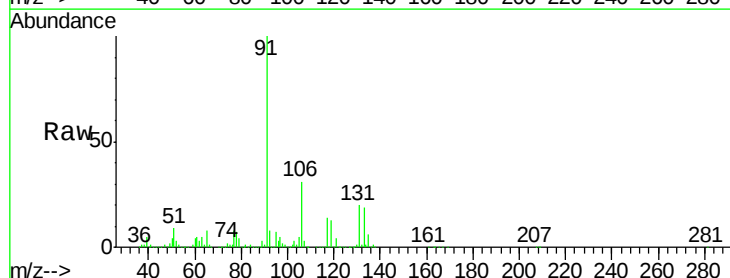
Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

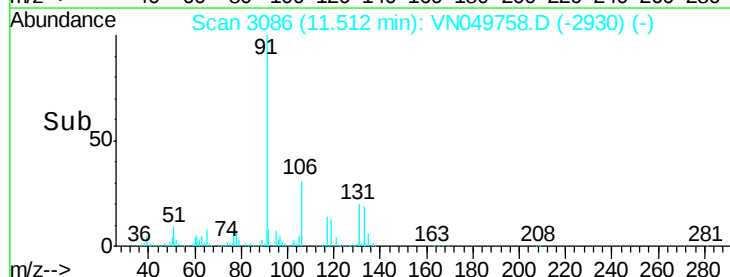
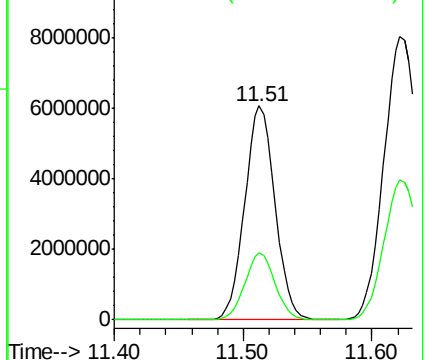
Tgt Ion: 91 Resp: 9940789

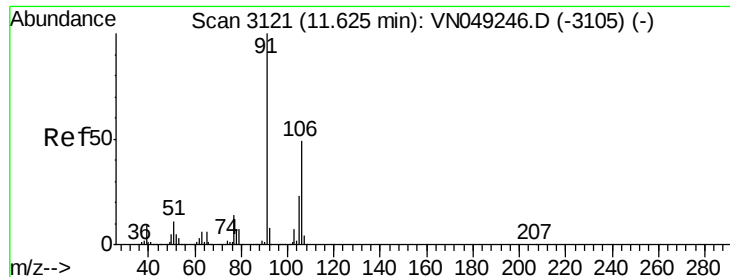
Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.1	37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 278.85 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049758.D

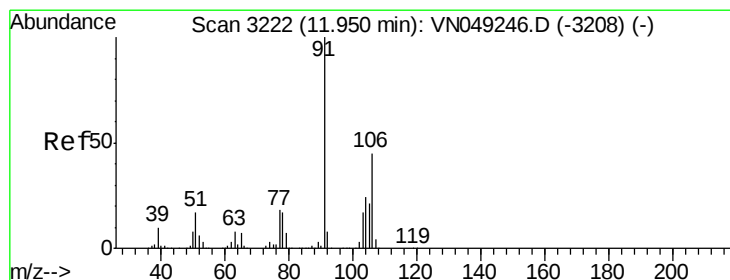
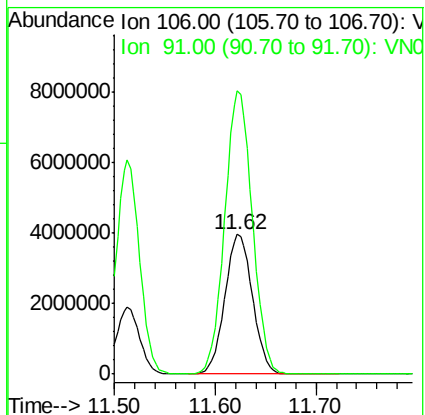
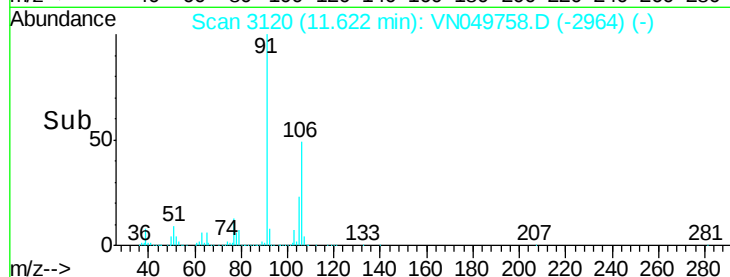
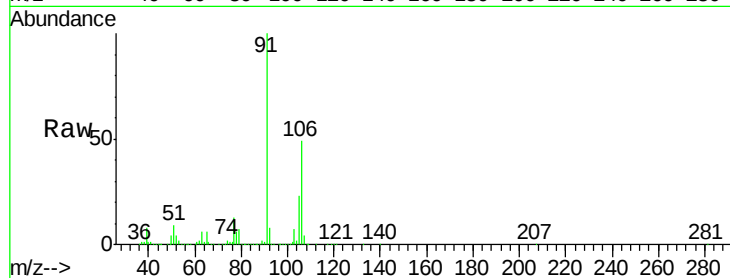
Acq: 11 Jul 2018 12:03

Tot Ion:106 Resp: 7574196

Ion Ratio Lower Upper

106 100

91 202.3 162.5 243.7



#68

o-Xylene

Concen: 139.10 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049758.D

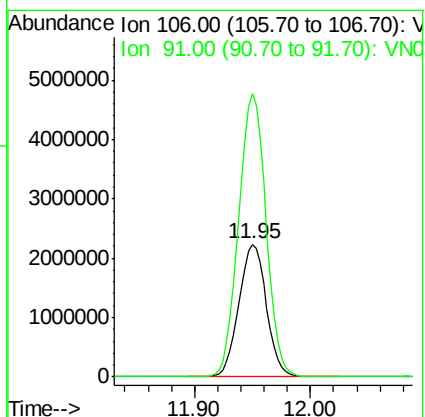
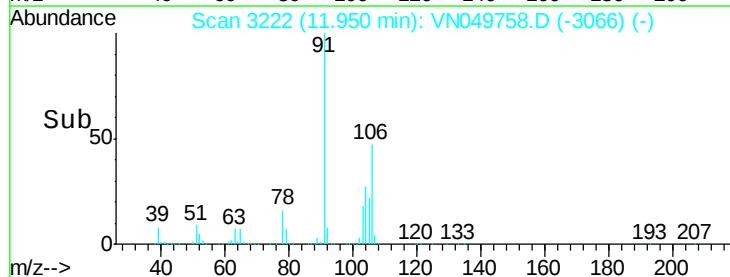
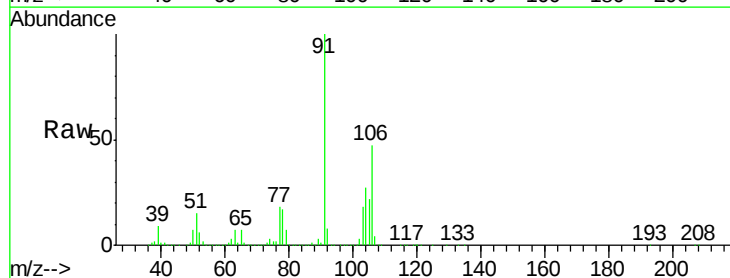
Acq: 11 Jul 2018 12:03

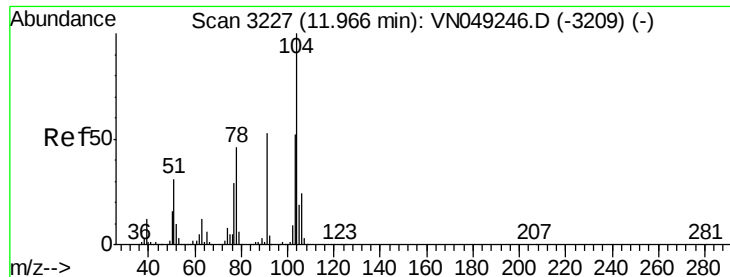
Tgt Ion:106 Resp: 3661836

Ion Ratio Lower Upper

106 100

91 213.3 106.8 320.4

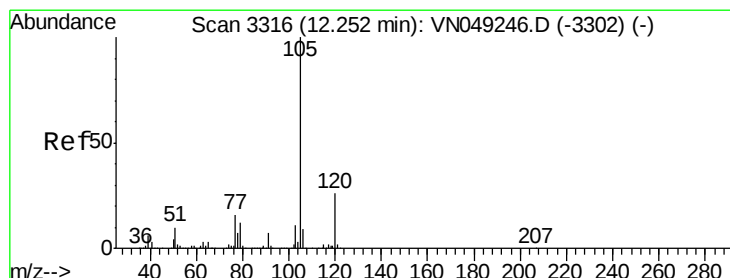
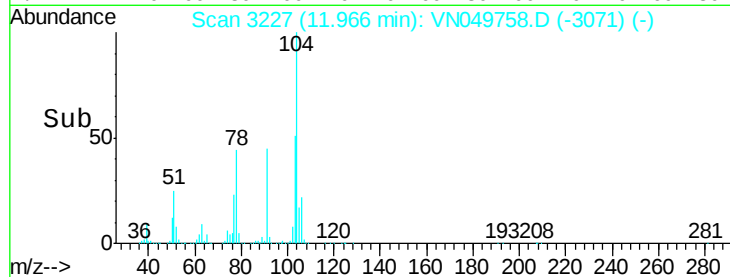
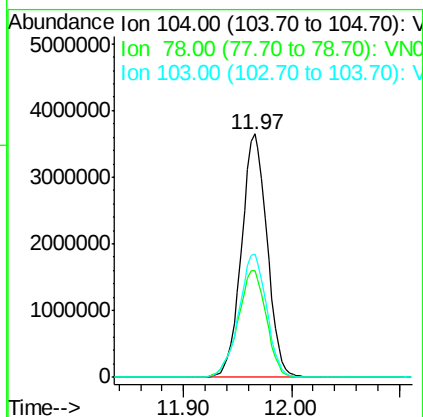
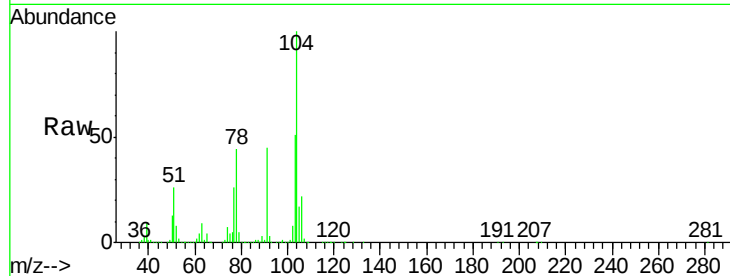




#69
Stvrene
Concen: 143.44 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion:104 Resp: 6019335

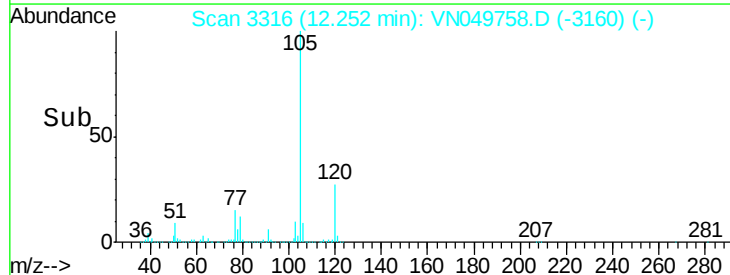
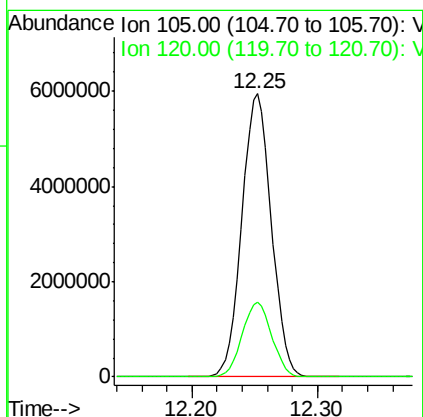
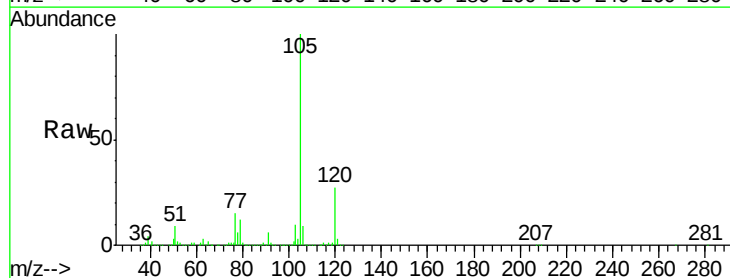
Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.3	58.9
103	55.1	44.5	66.7

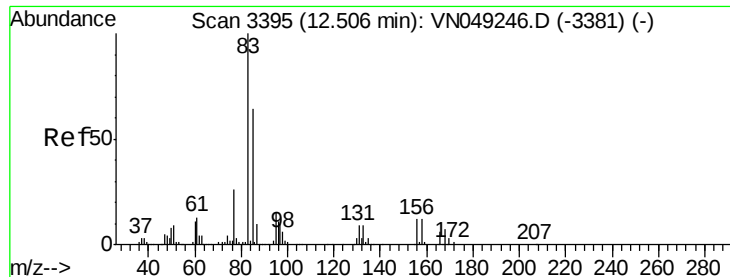


#70
Isopropylbenzene
Concen: 139.32 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion:105 Resp: 9716806

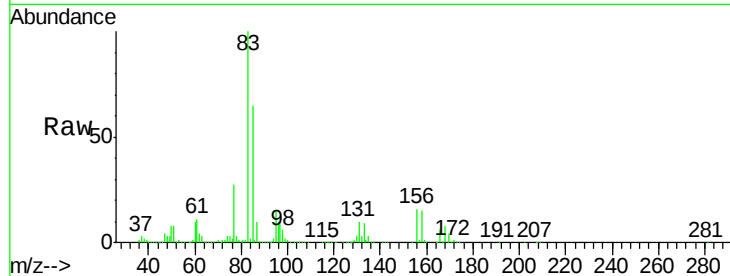
Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.9	35.1



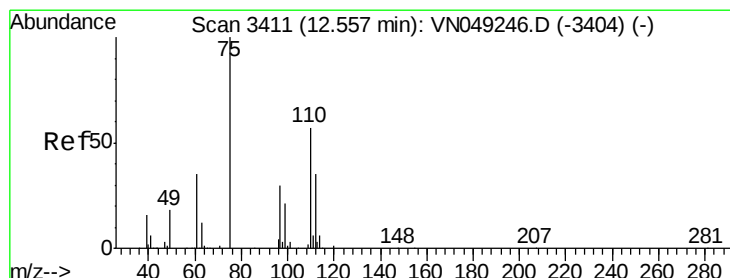
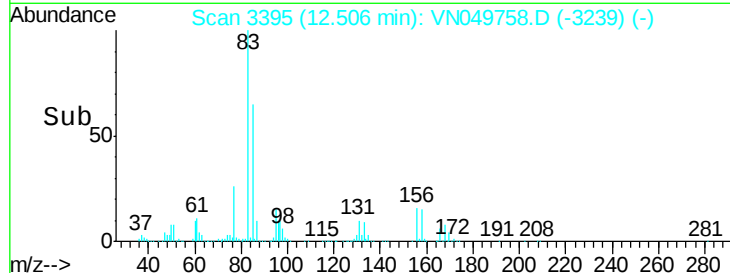
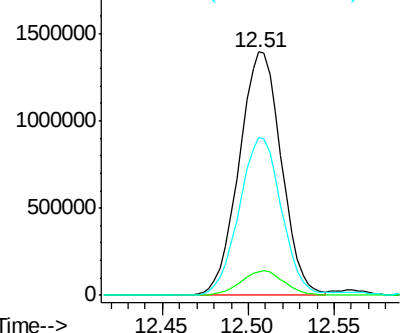


#71
 1,1,2,2-Tetrachloroethane
 Concen: 138.44 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

Tot Ion: 83 Resp: 2369501
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 64.8 31.7 95.1

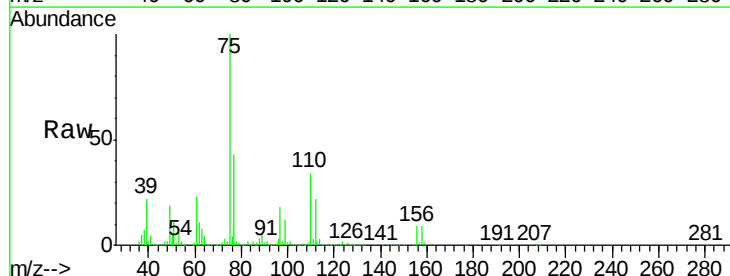


Abundance Ion 83.00 (82.70 to 83.70): VNO
 Ion 131.00 (130.70 to 131.70): VNO
 Ion 85.00 (84.70 to 85.70): VNO

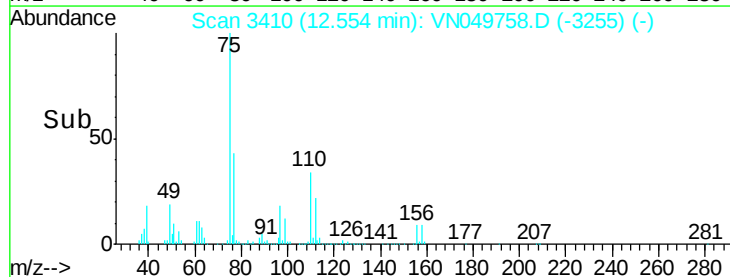
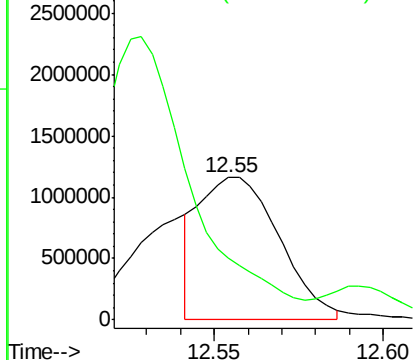


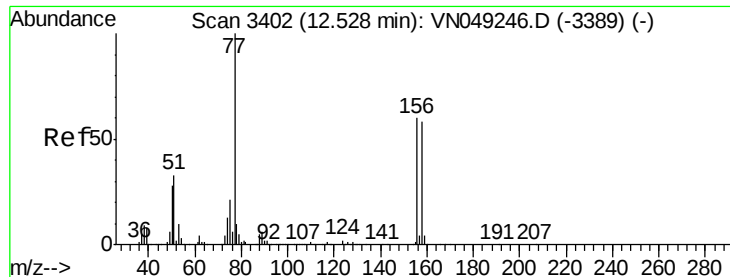
#72
 1,2,3-Trichloropropane
 Concen: 137.97 ug/l m
 RT: 12.55 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

Tgt Ion: 75 Resp: 1911334
 Ion Ratio Lower Upper
 75 100
 77 239.0 0.0 454.4



Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO





#73

Bromobenzene

Concen: 147.77 ug/l

RT: 12.53 min Scan# 3402

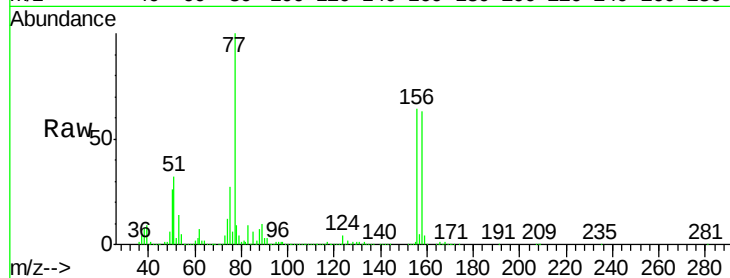
Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tot Ion:156 Resp: 2507133

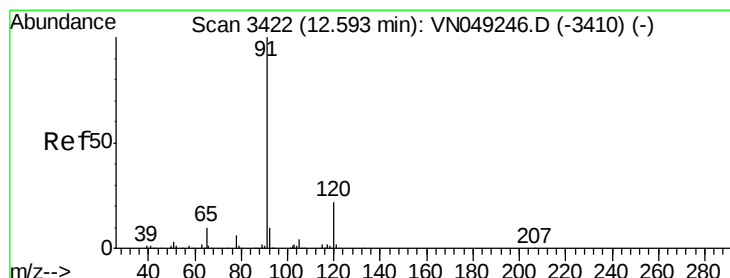
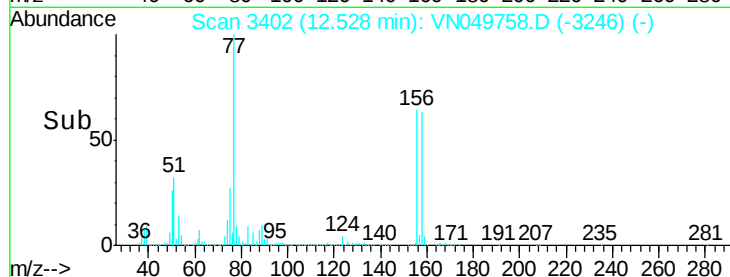
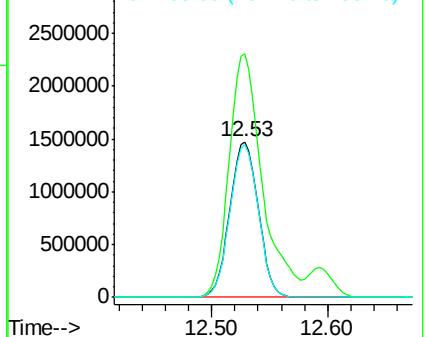
Ion	Ratio	Lower	Upper
156	100		
77	182.2	0.0	359.8
158	97.6	0.0	192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 139.85 ug/l

RT: 12.59 min Scan# 3422

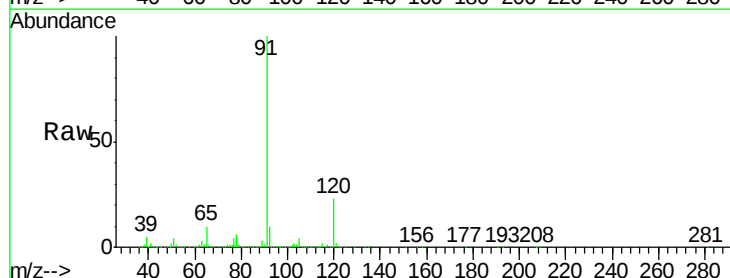
Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

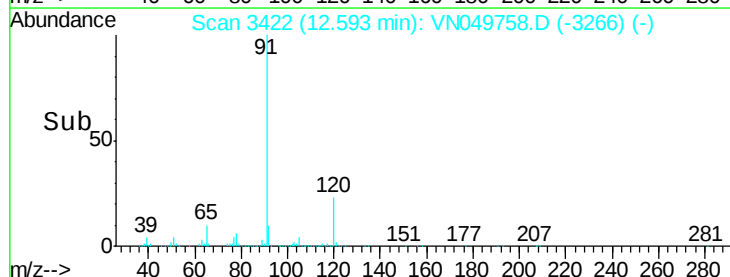
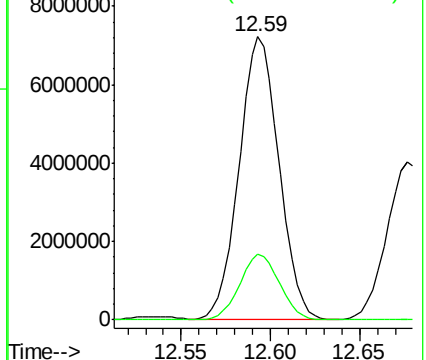
Tgt Ion: 91 Resp:11294868

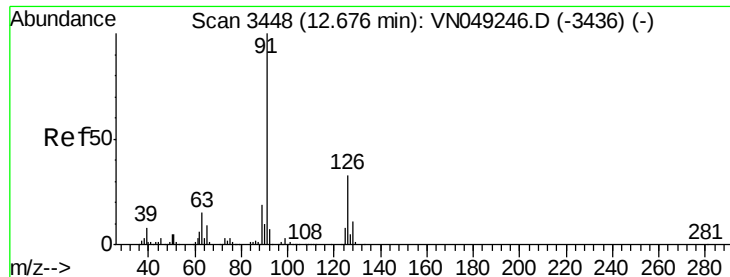
Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 135.21 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049758.D

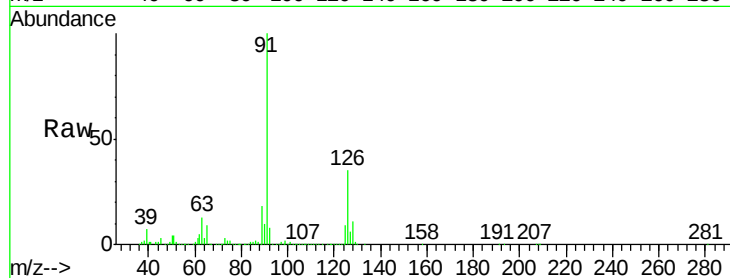
Acq: 11 Jul 2018 12:03

Tot Ion: 91 Resp: 6648432

Ion Ratio Lower Upper

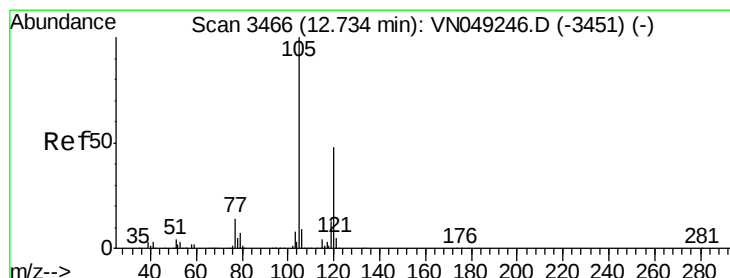
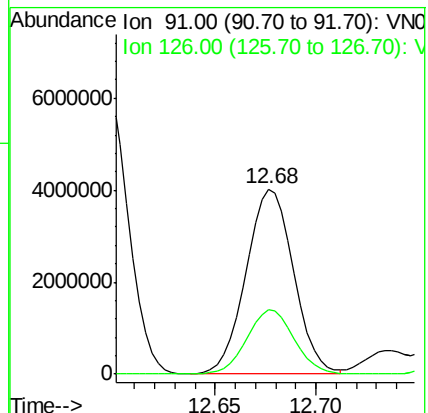
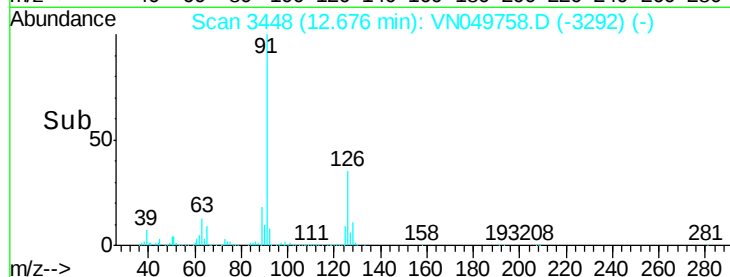
91 100

126 34.7 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN049246.D (-3436) (-)

Ion 126.00 (125.70 to 126.70): VN049246.D (-3436) (-)



#76

1,3,5-Trimethylbenzene

Concen: 140.97 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049758.D

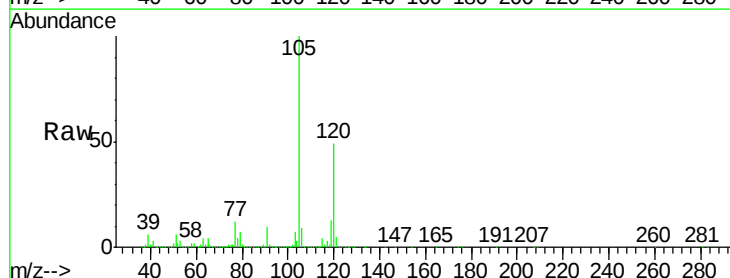
Acq: 11 Jul 2018 12:03

Tgt Ion:105 Resp: 7986141

Ion Ratio Lower Upper

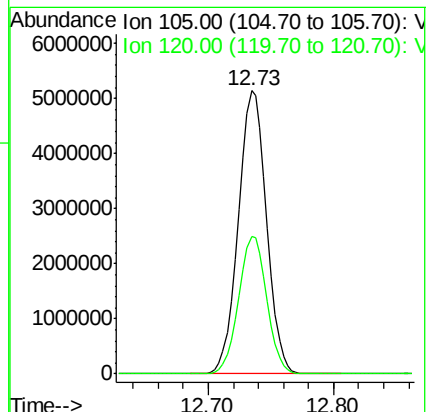
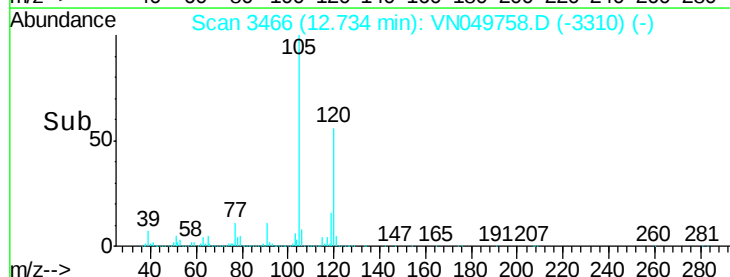
105 100

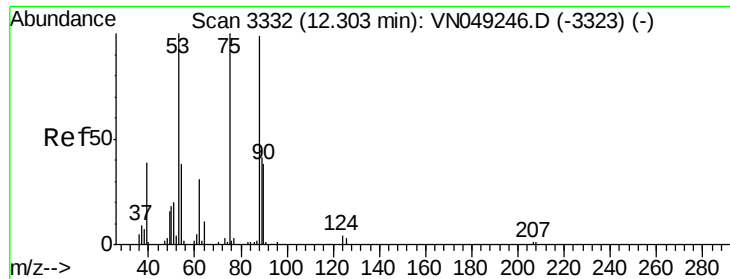
120 48.6 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN049246.D (-3451) (-)

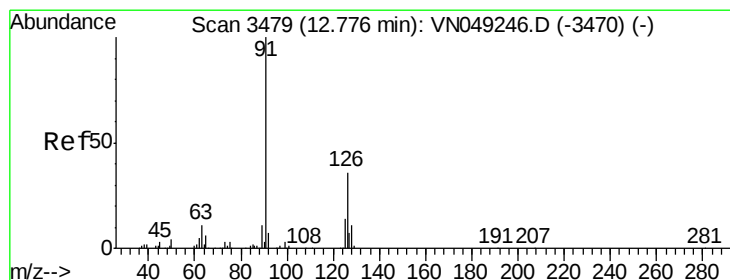
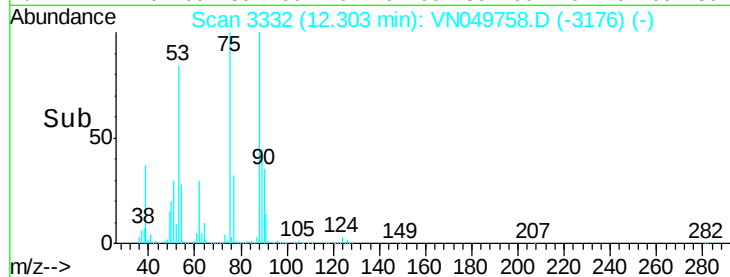
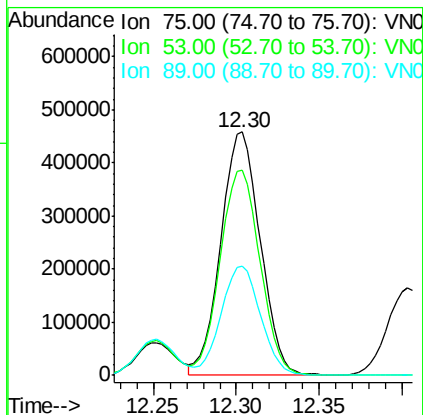
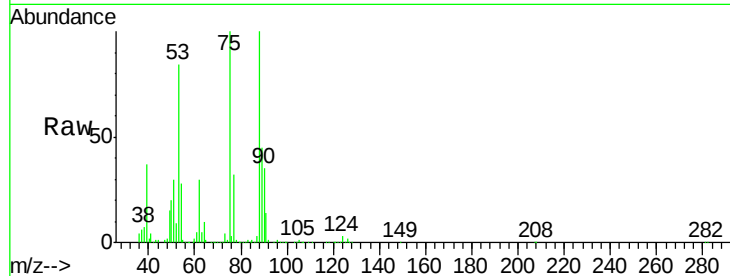
Ion 120.00 (119.70 to 120.70): VN049246.D (-3451) (-)





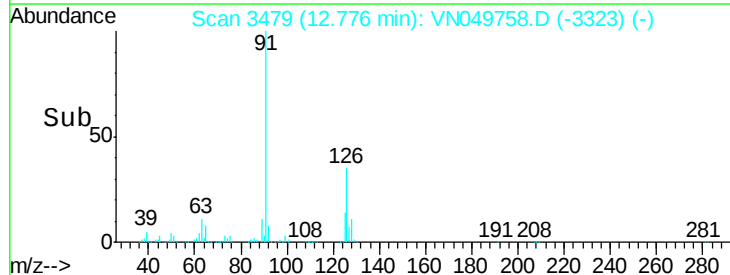
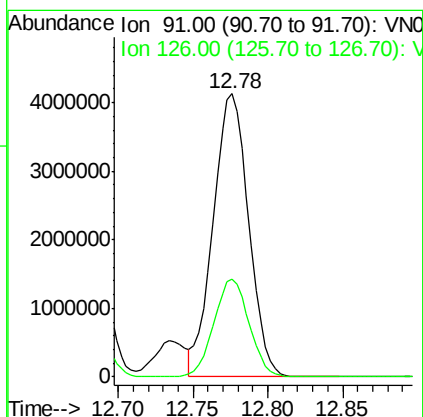
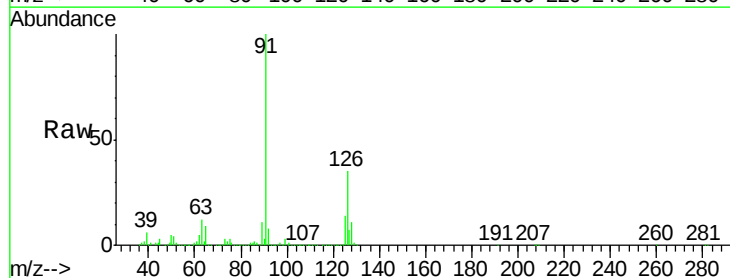
#77
t-1,4-Dichloro-2-butene
Concen: 168.75 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

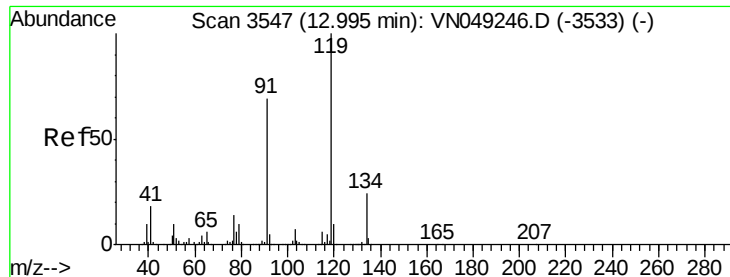
Tot Ion	75	Resp	758085
Ion Ratio	Lower	Upper	
75	100		
53	84.4	44.6	134.0
89	45.1	20.7	62.1



#78
4-Chlorotoluene
Concen: 141.92 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion	91	Resp	6797085
Ion Ratio	Lower	Upper	
91	100		
126	34.3	0.0	68.4





#79

tert-butylbenzene

Concen: 143.53 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

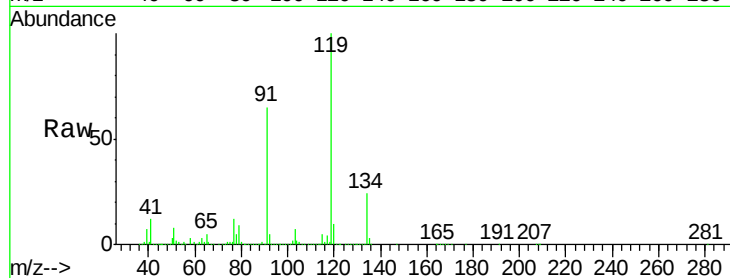
Tot Ion:119 Resp: 6841442

Ion Ratio Lower Upper

119 100

91 63.7 0.0 126.8

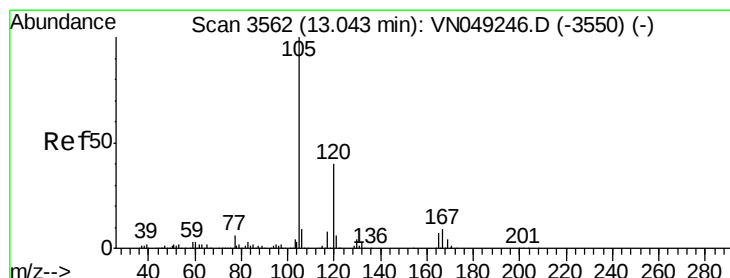
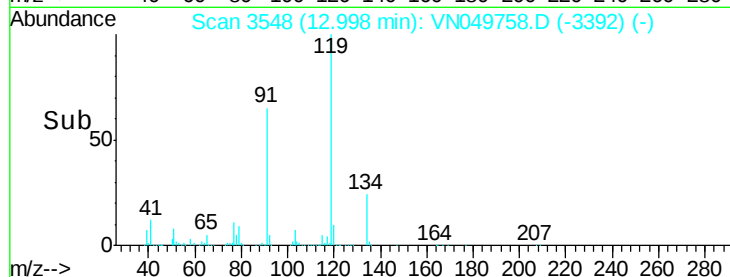
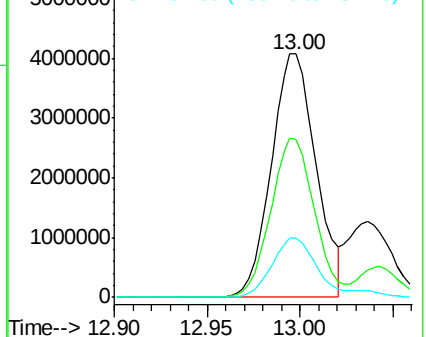
134 24.5 0.0 47.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 142.79 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049758.D

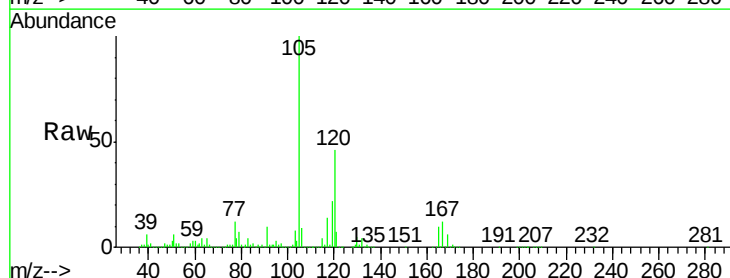
Acq: 11 Jul 2018 12:03

Tgt Ion:105 Resp: 8101000

Ion Ratio Lower Upper

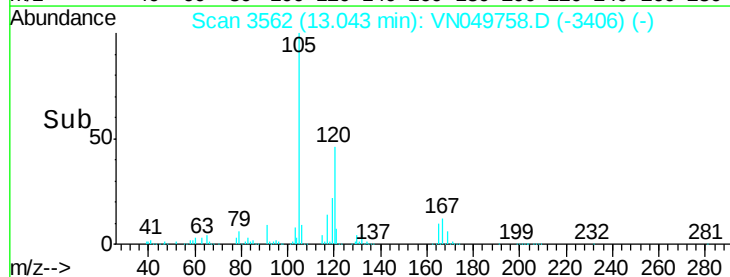
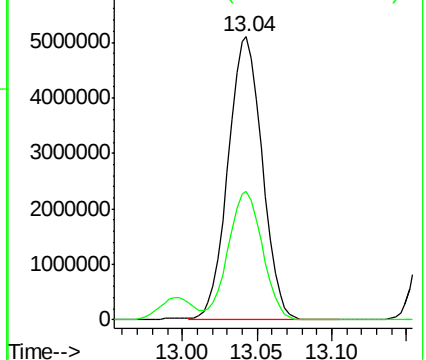
105 100

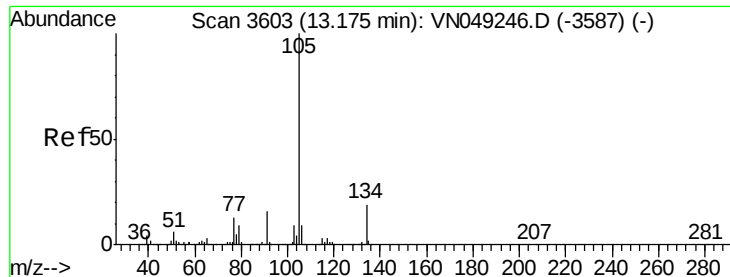
120 45.5 0.0 90.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 144.03 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049758.D

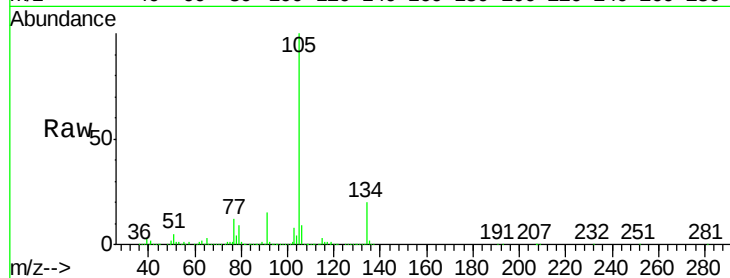
Acq: 11 Jul 2018 12:03

Tot Ion:105 Resp: 9333514

Ion	Ratio	Lower	Upper
105	100		
134	20.1	0.0	40.6

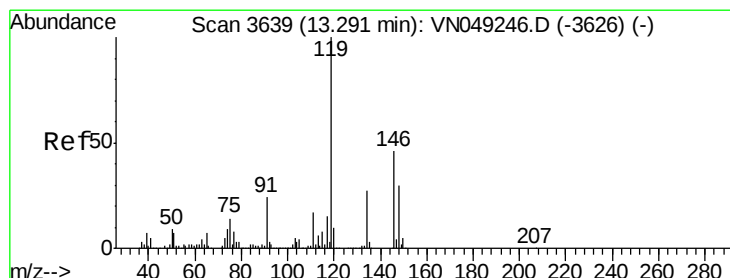
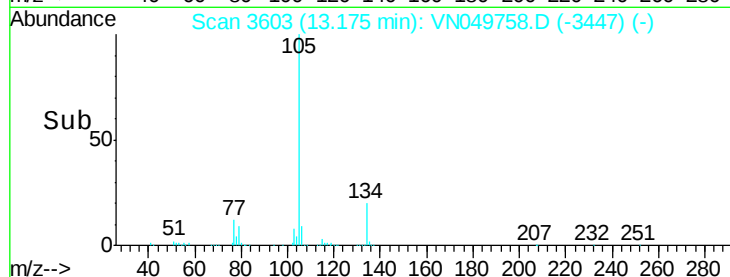
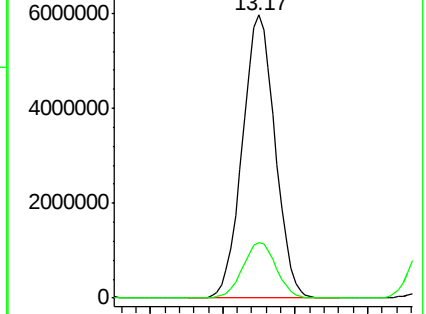
105 100

134 20.1 0.0 40.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 151.81 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

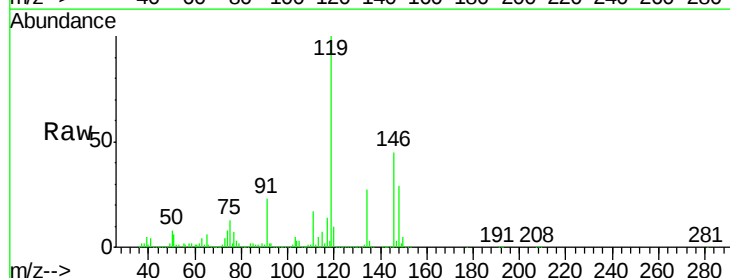
Tgt Ion:119 Resp: 8216457

Ion	Ratio	Lower	Upper
119	100		
134	26.6	0.0	52.2
91	22.6	0.0	45.6

119 100

134 26.6 0.0 52.2

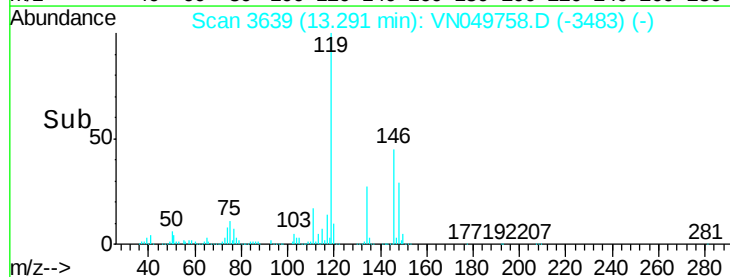
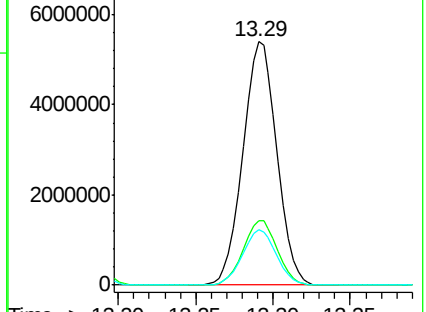
91 22.6 0.0 45.6

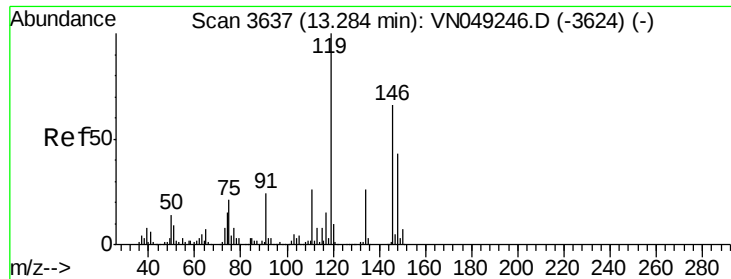


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

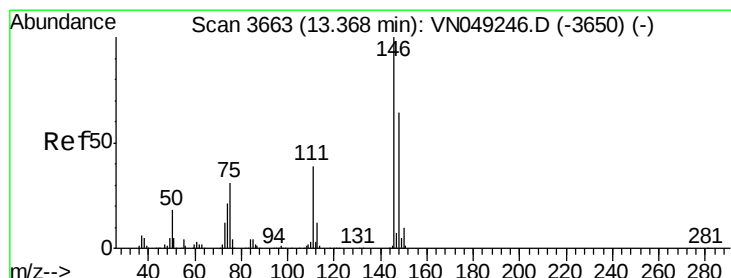
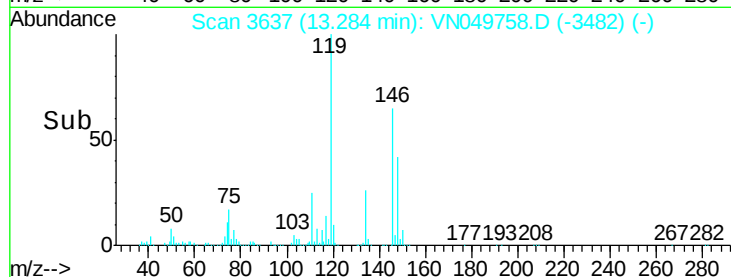
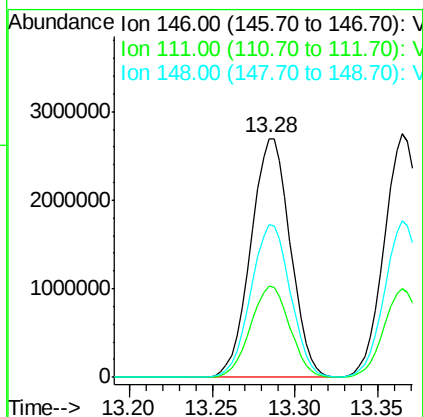
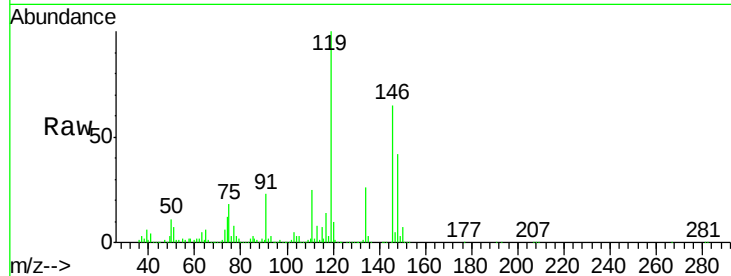
Ion 91.00 (90.70 to 91.70): V





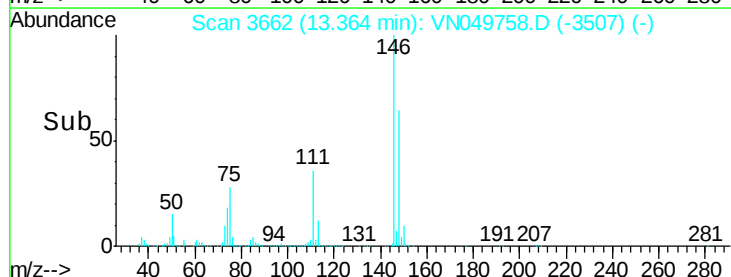
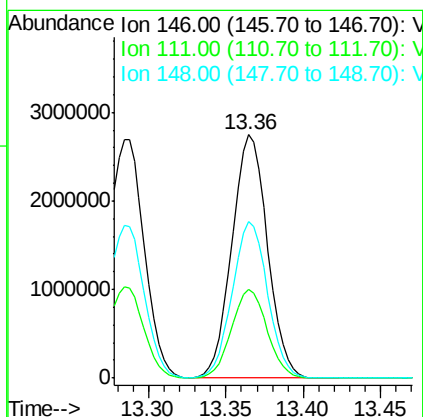
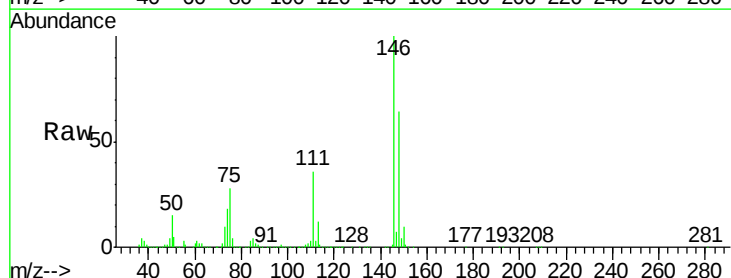
#83
 1,3-Dichlorobenzene
 Concen: 154.85 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

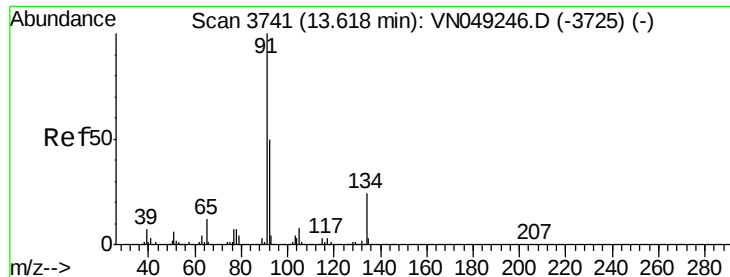
Tot Ion:146 Resp: 4461045
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 64.1 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 161.23 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

Tgt Ion:146 Resp: 4381096
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.9 53.8
 148 64.1 32.4 97.0

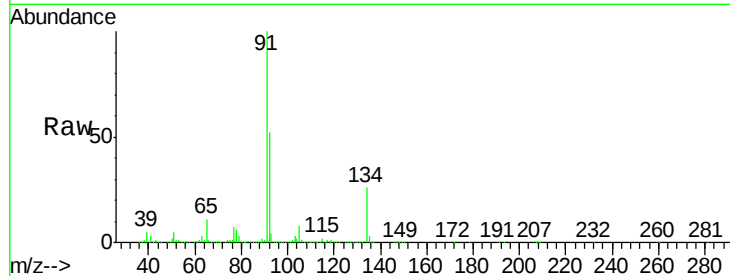




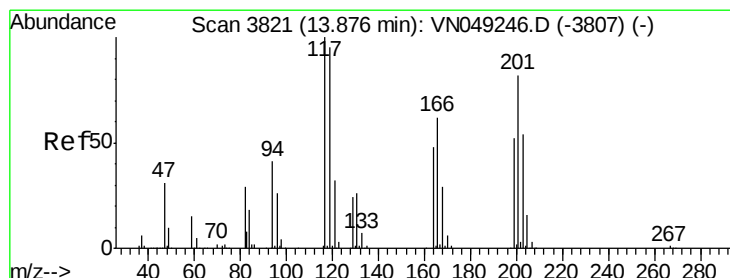
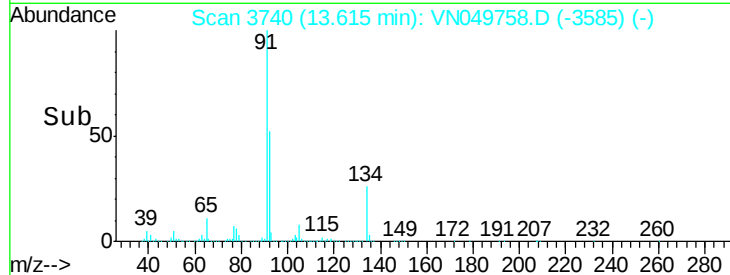
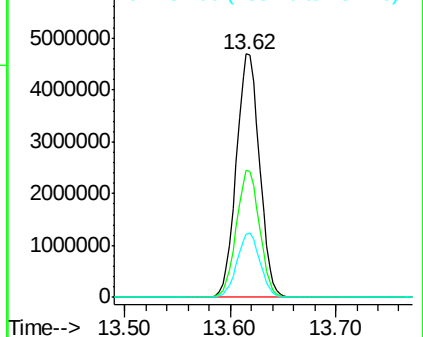
#85
n-Butylbenzene
Concen: 165.25 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion: 91 Resp: 7131994

Ion	Ratio	Lower	Upper
91	100		
92	52.0	0.0	102.8
134	26.4	0.0	51.0



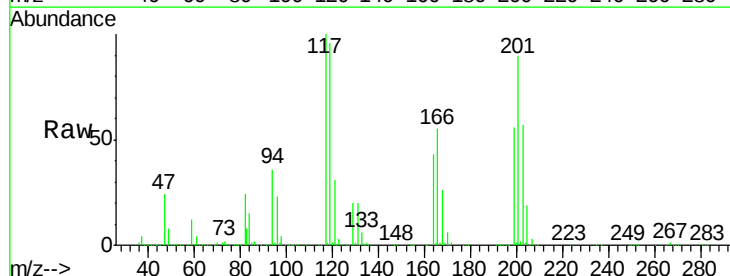
Abundance Ion 91.00 (90.70 to 91.70): VN049246.D (-3725) (-)
Ion 92.00 (91.70 to 92.70): VN049246.D (-3725) (-)
Ion 134.00 (133.70 to 134.70): VN049246.D (-3725) (-)



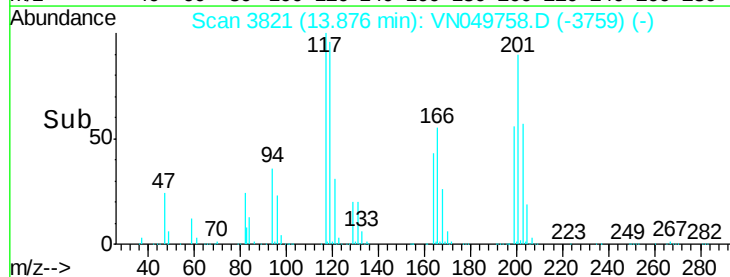
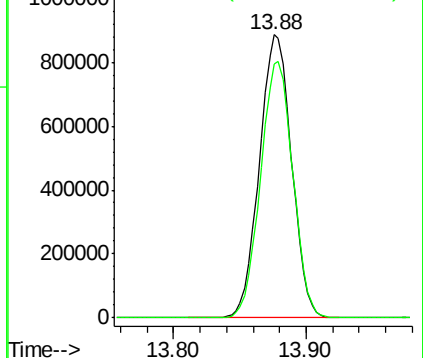
#86
Hexachloroethane
Concen: 135.12 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

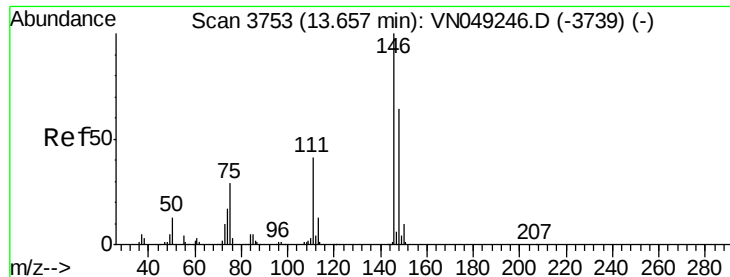
Tgt Ion: 117 Resp: 1492647

Ion	Ratio	Lower	Upper
117	100		
201	90.9	46.6	139.7



Abundance Ion 117.00 (116.70 to 117.70): VN049246.D (-3807) (-)
Ion 201.00 (200.70 to 201.70): VN049246.D (-3807) (-)





#87

1,2-Dichlorobenzene

Concen: 152.34 ug/l

RT: 13.66 min Scan# 3753

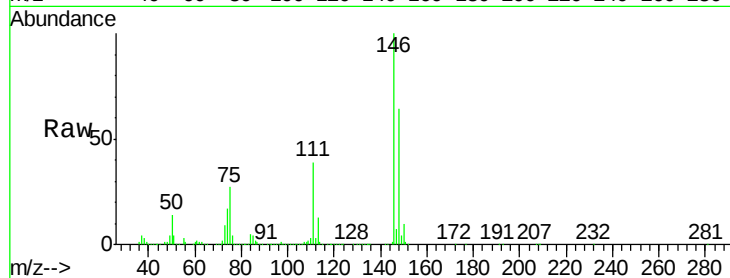
Delta R.T. 0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tot Ion:146 Resp: 4251606

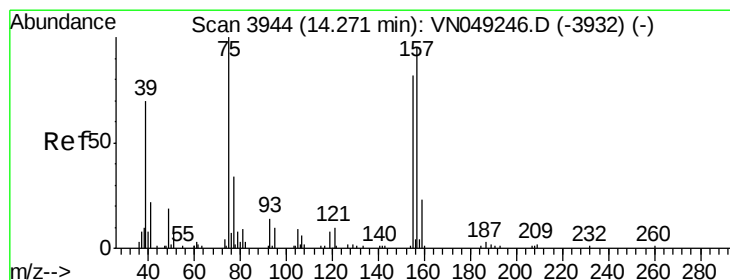
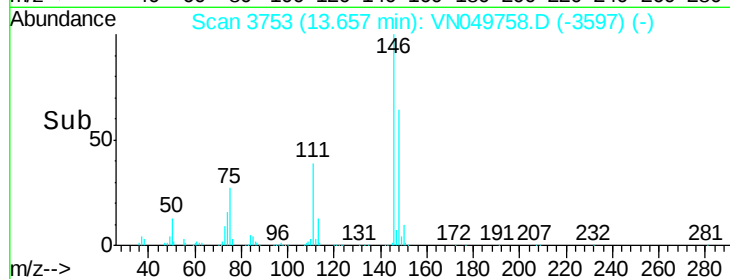
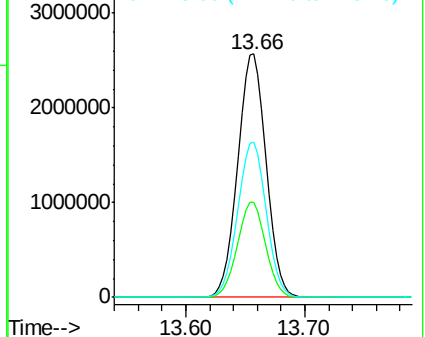
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.3
148	64.1	31.8	95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 150.36 ug/l

RT: 14.27 min Scan# 3944

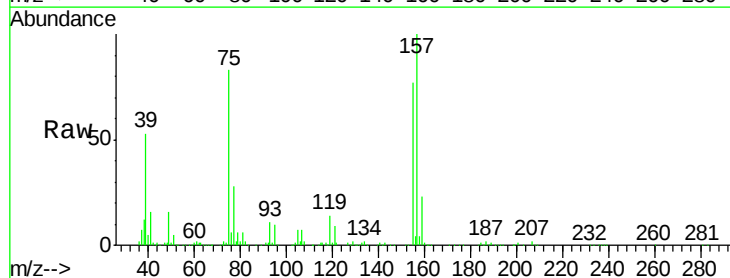
Delta R.T. -0.00 min

Lab File: VN049758.D

Acq: 11 Jul 2018 12:03

Tgt Ion: 75 Resp: 373174

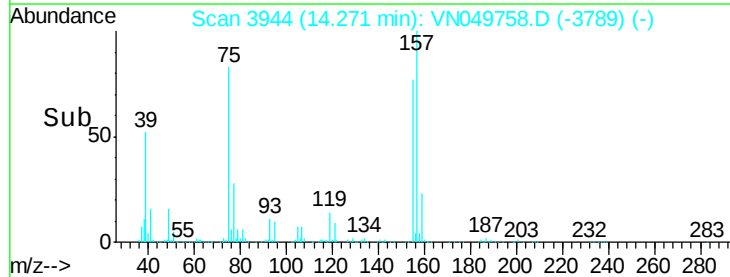
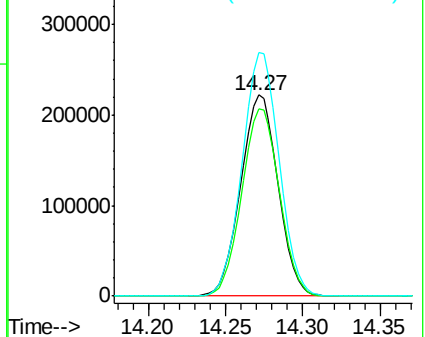
Ion	Ratio	Lower	Upper
75	100		
155	93.5	73.0	109.6
157	120.4	94.9	142.3

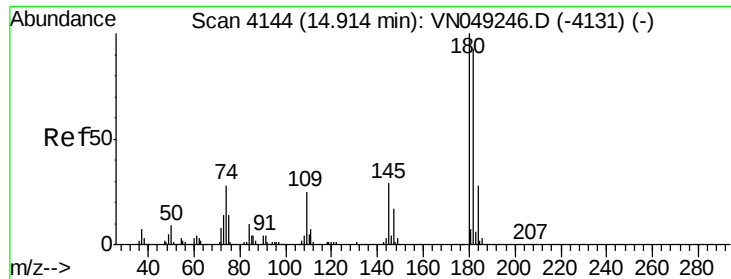


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

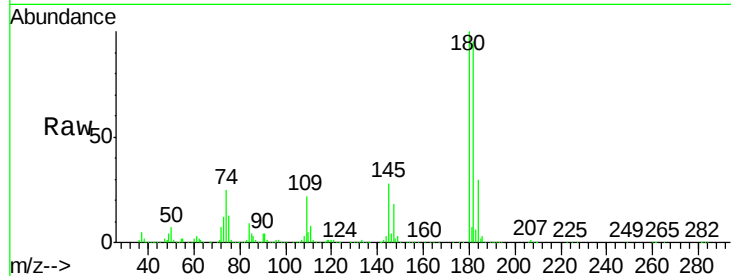
Ion 157.00 (156.70 to 157.70): V



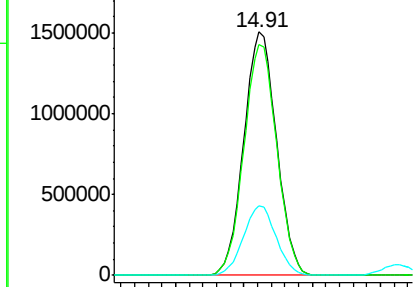


#89
 1,2,4-Trichlorobenzene
 Concen: 210.95 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

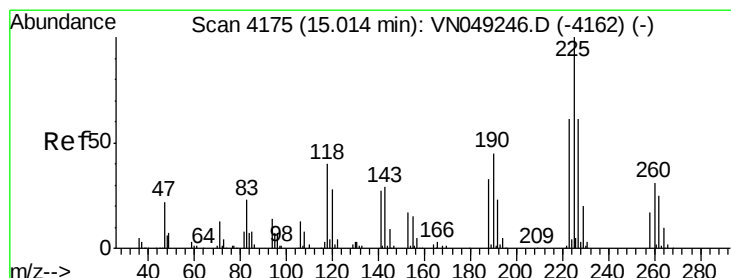
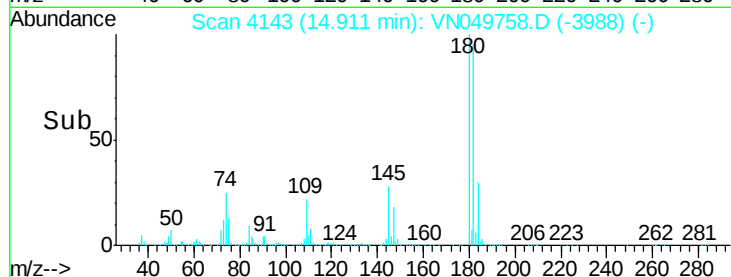
Tot Ion:180 Resp: 2501183
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.7 115.1
 145 28.6 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

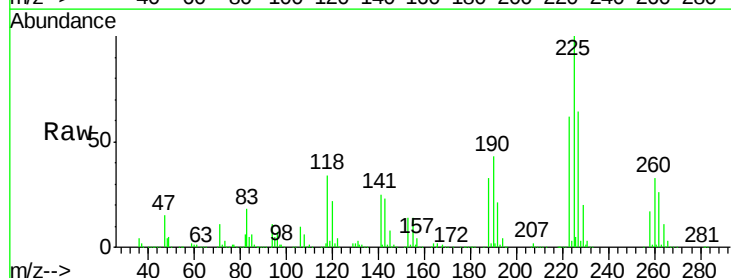


Time-->

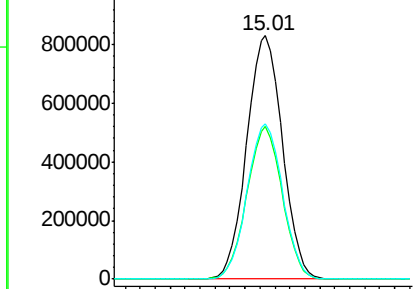


#90
 Hexachlorobutadiene
 Concen: 169.11 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049758.D
 Acq: 11 Jul 2018 12:03

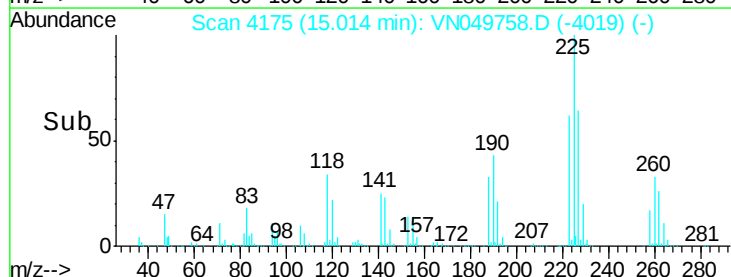
Tgt Ion:225 Resp: 1379095
 Ion Ratio Lower Upper
 225 100
 223 61.8 0.0 124.4
 227 63.5 0.0 133.0

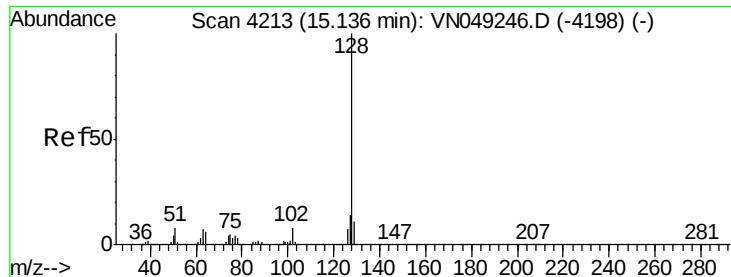


Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V



Time-->

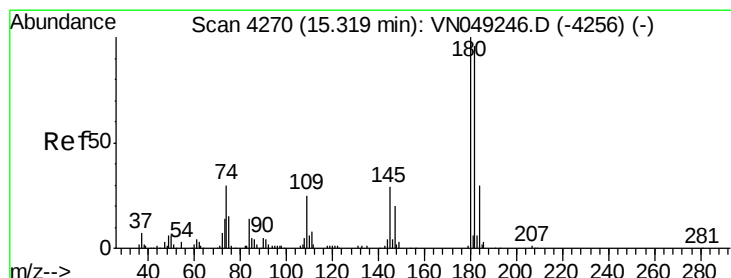
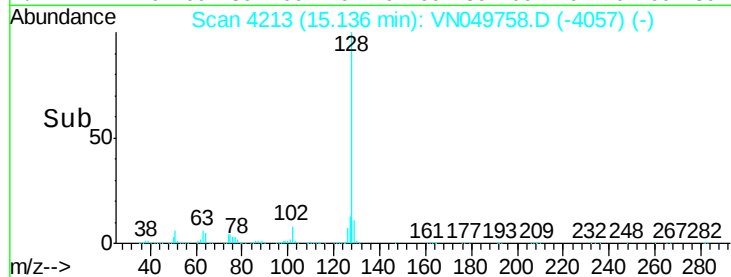
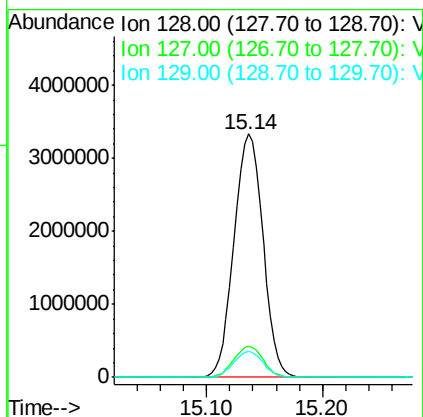
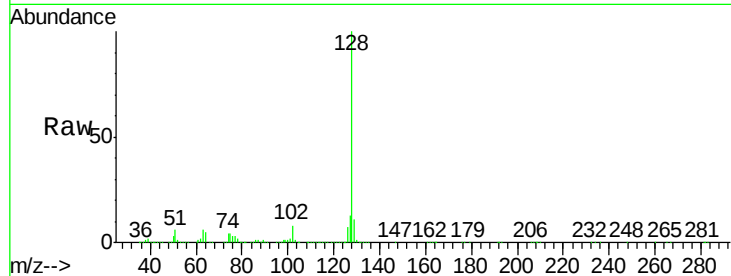




#91
Naphthalene
Concen: 223.75 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tot Ion:128 Resp: 5784164

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	9.0	13.4



#92
1,2,3-Trichlorobenzene
Concen: 194.10 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049758.D
Acq: 11 Jul 2018 12:03

Tgt Ion:180 Resp: 2375004

Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	188.8
145	30.4	0.0	60.8

