

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049754.D
 Acq On : 11 Jul 2018 10:20
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 01:36:57 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	251728	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1361759	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1191021	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	534782	29.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.37%
60) 4-Bromofluorobenzene	12.40	95	517017	27.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.17%
63) Toluene-d8	10.09	98	1696280	29.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.97%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	77459	4.87	ug/l	95
3) Chloromethane	2.06	50	95355	5.94	ug/l	99
4) Vinyl Chloride	2.18	62	104240	6.36	ug/l	98
5) Bromomethane	2.56	94	71355	8.09	ug/l	96
6) Chloroethane	2.70	64	63543	6.10	ug/l	98
7) Trichlorofluoromethane	3.01	101	136016	6.00	ug/l	99
8) Diethyl Ether	3.41	74	45864	5.21	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	83683	5.53	ug/l	96
10) 1,1-Dichloroethene	3.73	96	75075	5.33	ug/l	91
11) Methyl Iodide	3.95	142	86100	5.21	ug/l	96
12) Methyl Acetate	4.33	43	72513	5.11	ug/l	100
13) Acrolein	3.61	56	44543	31.68	ug/l	99
14) Acrylonitrile	4.99	53	125065	23.46	ug/l	97
15) Acetone	3.82	58	34242	28.56	ug/l	97
16) Carbon Disulfide	4.05	76	229450	5.09	ug/l	99
17) Allyl chloride	4.32	41	112054	4.44	ug/l	98
18) Methylene Chloride	4.54	84	102375	6.16	ug/l	97
19) trans-1,2-Dichloroethene	5.04	96	78533	5.27	ug/l	97
20) Diisopropyl ether	5.96	45	218823	4.21	ug/l	96
21) 1,1-Dichloroethane	5.85	63	145653	4.82	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	85148	5.04	ug/l	100
23) tert-Butyl Alcohol	4.81	59	24248	24.18	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	180358	4.67	ug/l #	80
25) Chloroform	7.37	83	149593	5.07	ug/l	98
26) Cyclohexane	7.65	56	109877	4.26	ug/l	98
29) 1,1-Dichloropropene	7.79	75	104905	4.73	ug/l	99
30) 2-Butanone	6.85	43	145579	24.01	ug/l	100
31) 2,2-Dichloropropane	6.82	77	120760	5.69	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	128331	5.12	ug/l	100
33) Carbon Tetrachloride	7.77	117	112343	5.11	ug/l	97
34) Benzene	8.04	78	327361	4.86	ug/l #	76
35) Methacrylonitrile	7.18	41	31558m	4.15	ug/l	
36) 1,2-Dichloroethane	8.13	62	111402	5.18	ug/l	100
37) Trichloroethene	8.83	130	86067	5.21	ug/l	95
38) Methylcyclohexane	9.08	83	109738	4.78	ug/l	99
39) 1,2-Dichloropropane	9.12	63	86111	4.70	ug/l	99
40) Dibromomethane	9.21	93	51125	4.99	ug/l	99

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 Data File : VN049754.D
 Acq On : 11 Jul 2018 10:20
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 01:36:57 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)

41) Bromodichloromethane	9.40	83	111487	4.92	ug/l	99
42) Vinyl Acetate	5.90	43	735091	20.95	ug/l #	82
43) Ethyl Acetate	6.94	43	57493	4.20	ug/l	94
44) Isopropyl Acetate	8.17	43	112245	4.29	ug/l	96
45) 1,4-Dioxane	9.20	88	13739	92.27	ug/l #	84
46) Methyl methacrylate	9.20	41	50392	4.07	ug/l	96
47) n-amyl Acetate	12.07	43	78609	3.78	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	99440	4.50	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	120505	4.69	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	78245	5.34	ug/l	94
51) Ethyl methacrylate	10.43	69	75803	4.17	ug/l	95
52) 1,3-Dichloropropane	10.71	76	119065	4.79	ug/l	99
53) Dibromochloromethane	10.90	129	81967	5.03	ug/l	99
54) 1,2-Dibromoethane	11.01	107	69788	5.11	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	185851	28.97	ug/l	99
56) Bromoform	12.13	173	50669	4.83	ug/l	95
58) 4-Methyl-2-Pentanone	9.99	43	301958	22.45	ug/l	99
59) 2-Hexanone	10.75	43	194382	22.83	ug/l	99
61) Tetrachloroethene	10.63	164	76685	4.93	ug/l	94
62) Toluene	10.16	91	344416	4.99	ug/l	100
64) Chlorobenzene	11.44	112	210153	5.15	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	81836	5.33	ug/l	97
66) Ethyl Benzene	11.51	91	327738	4.57	ug/l	100
67) m/p-Xylenes	11.62	106	252996	9.42	ug/l	96
68) o-Xylene	11.95	106	119752	4.60	ug/l	99
69) Styrene	11.97	104	175579	4.23	ug/l	97
70) Isopropylbenzene	12.25	105	312589	4.53	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	89843	5.31	ug/l	97
72) 1,2,3-Trichloropropane	12.55	75	73421m	5.36	ug/l	
73) Bromobenzene	12.53	156	87333	5.21	ug/l	98
74) n-propylbenzene	12.59	91	365662	4.58	ug/l	98
75) 2-Chlorotoluene	12.68	91	228319	4.70	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	253570	4.53	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	19905	4.48	ug/l	96
78) 4-Chlorotoluene	12.77	91	221545	4.68	ug/l	98
79) tert-butylbenzene	13.00	119	224817	4.77	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	244435	4.36	ug/l	100
81) sec-Butylbenzene	13.17	105	298048	4.65	ug/l	100
82) p-Isopropyltoluene	13.29	119	242439	4.53	ug/l	98
83) 1,3-Dichlorobenzene	13.29	146	147064	5.17	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	134272	5.00	ug/l	98
85) n-Butylbenzene	13.62	91	181065	4.24	ug/l	98
86) Hexachloroethane	13.88	117	55088	5.05	ug/l	93
87) 1,2-Dichlorobenzene	13.66	146	139180	5.05	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12836	5.23	ug/l	94
89) 1,2,4-Trichlorobenzene	14.91	180	51466	4.39	ug/l	99
90) Hexachlorobutadiene	15.01	225	50321	6.24	ug/l	98
91) Naphthalene	15.14	128	98796	3.87	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	57943	4.79	ug/l	98

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Acq On : 11 Jul 2018 10:20
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

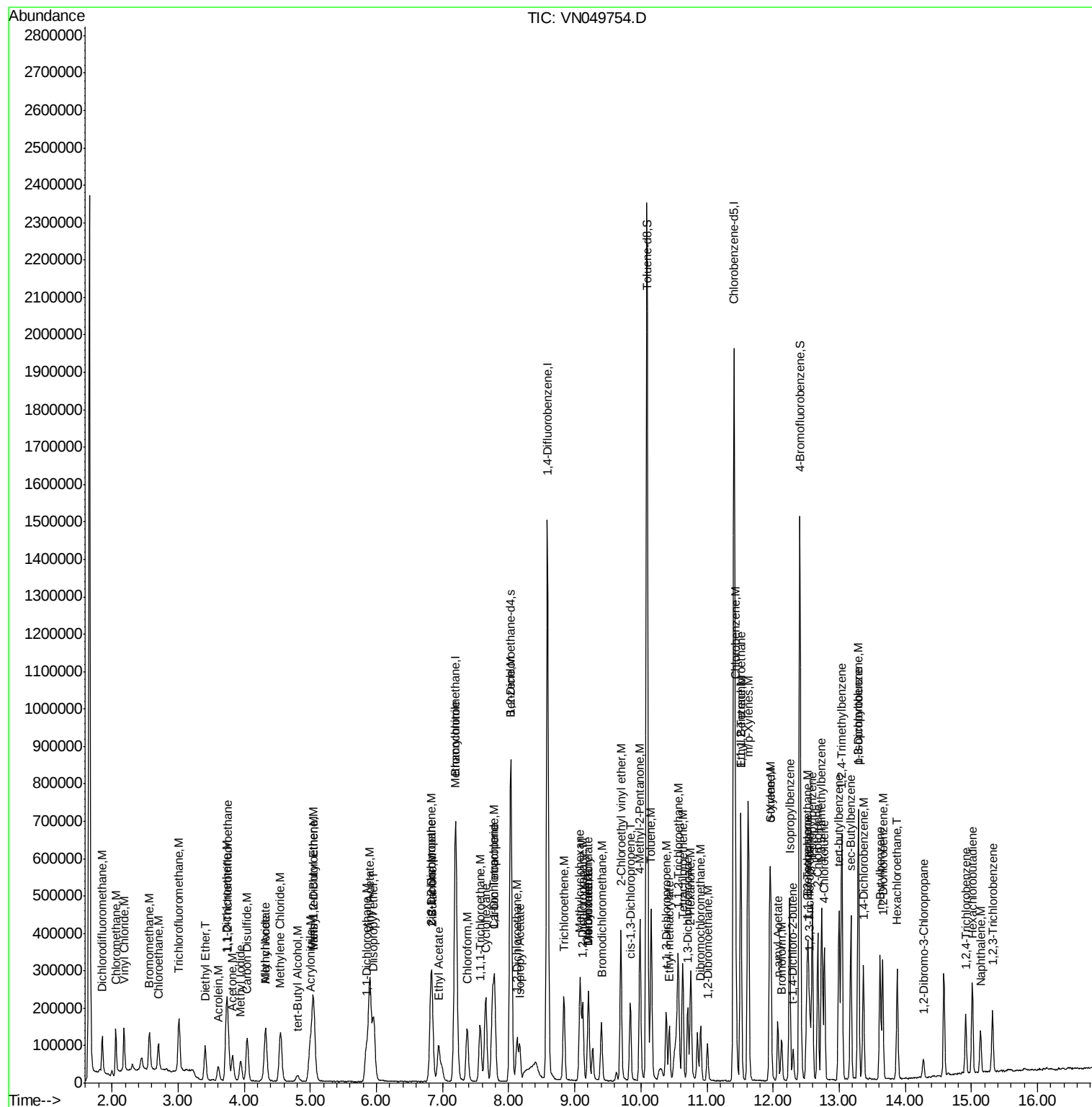
Quant Time: Jul 12 01:36:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 12 01:30:30 2018
Response via : Initial Calibration

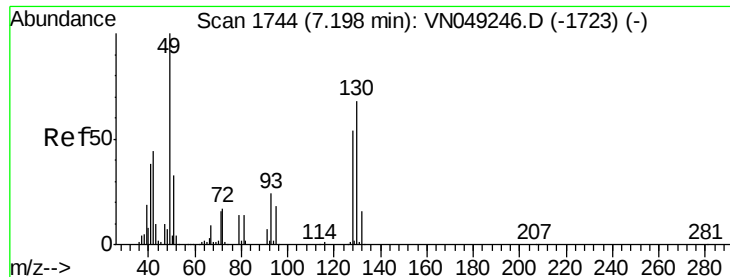
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
Data File : VN049754.D
Acq On : 11 Jul 2018 10:20
Operator : MD\SY
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 01:36:57 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





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

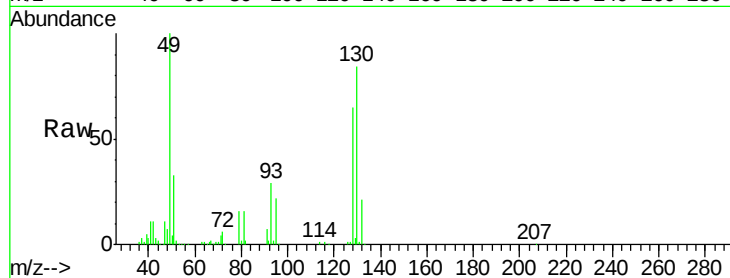
Tot Ion:128 Resp: 251728

Ion Ratio Lower Upper

128 100

49 154.0 0.0 378.3

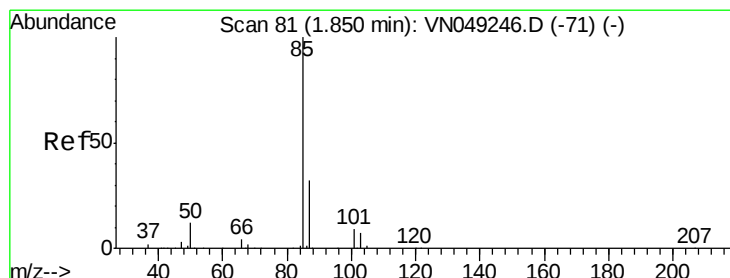
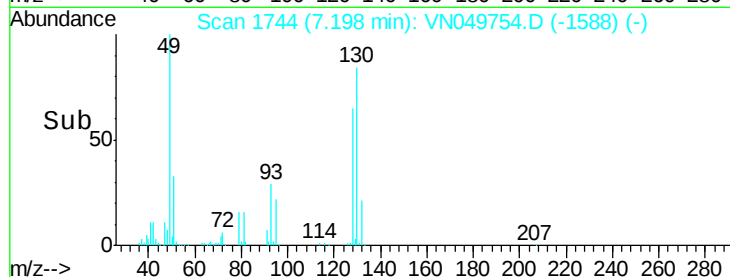
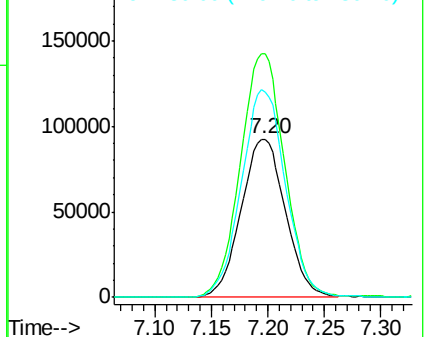
130 131.3 0.0 320.7



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: 4.87 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049754.D

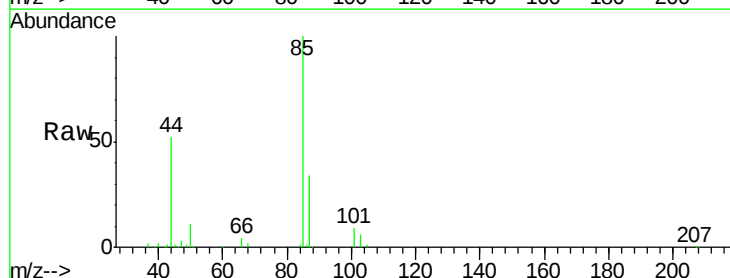
Acq: 11 Jul 2018 10:20

Tgt Ion: 85 Resp: 77459

Ion Ratio Lower Upper

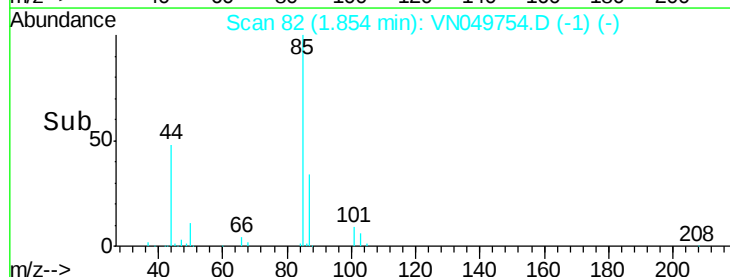
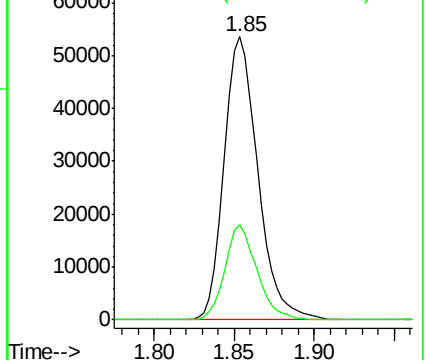
85 100

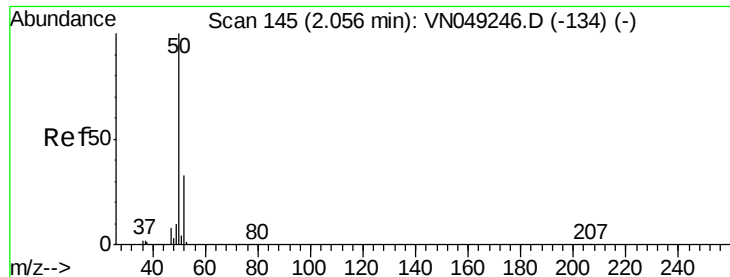
87 33.8 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 5.94 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049754.D

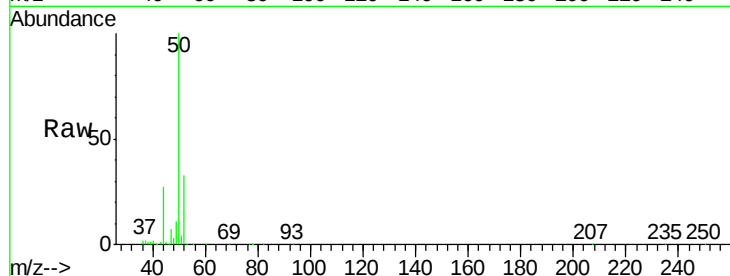
Acq: 11 Jul 2018 10:20

Tot Ion: 50 Resp: 95355

Ion Ratio Lower Upper

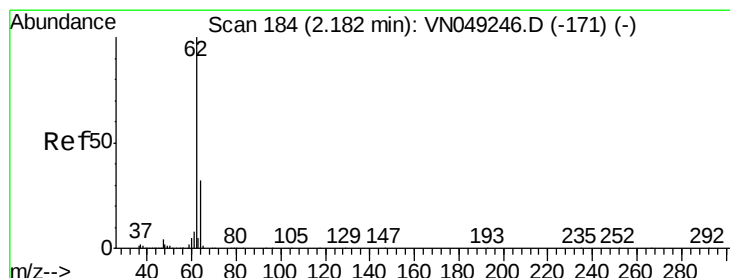
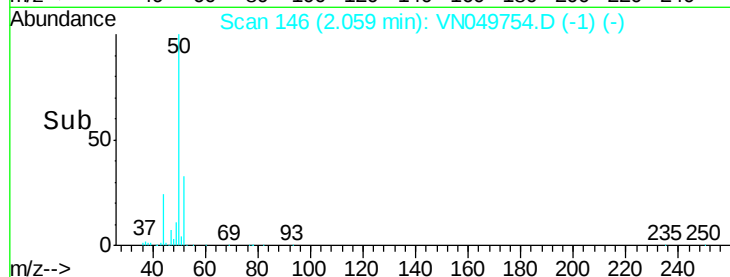
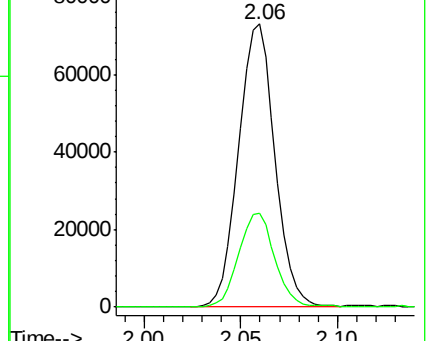
50 100

52 33.4 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: 6.36 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049754.D

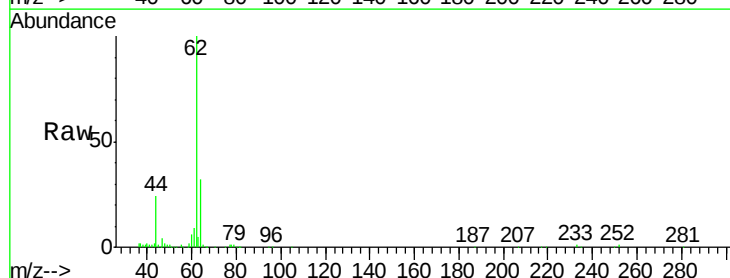
Acq: 11 Jul 2018 10:20

Tgt Ion: 62 Resp: 104240

Ion Ratio Lower Upper

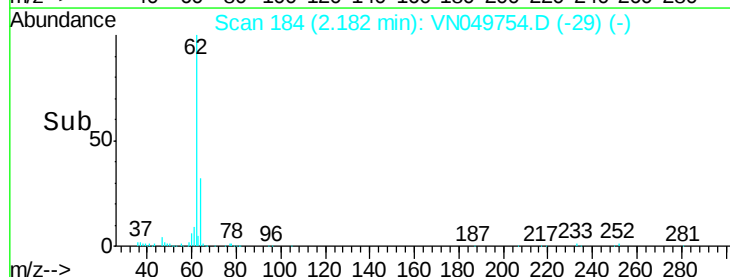
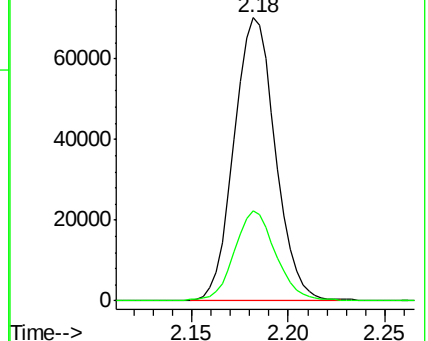
62 100

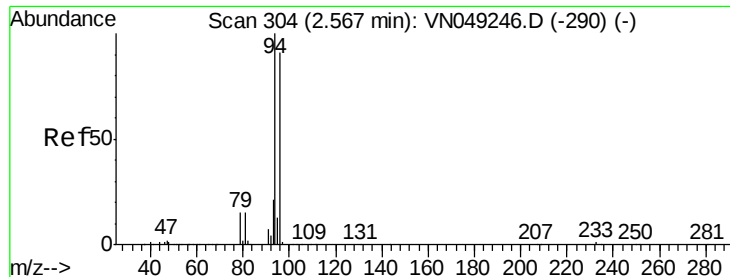
64 31.4 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 8.09 ug/l

RT: 2.56 min Scan# 303

Delta R.T. -0.00 min

Lab File: VN049754.D

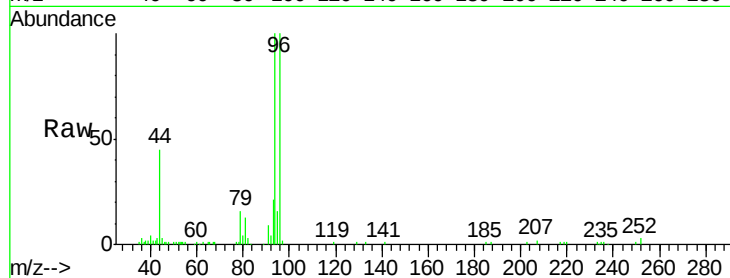
Acq: 11 Jul 2018 10:20

Tot Ion: 94 Resp: 71355

Ion Ratio Lower Upper

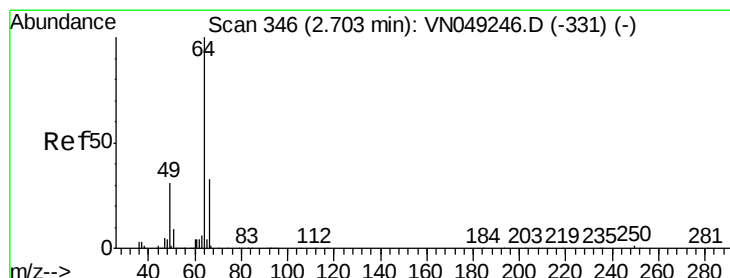
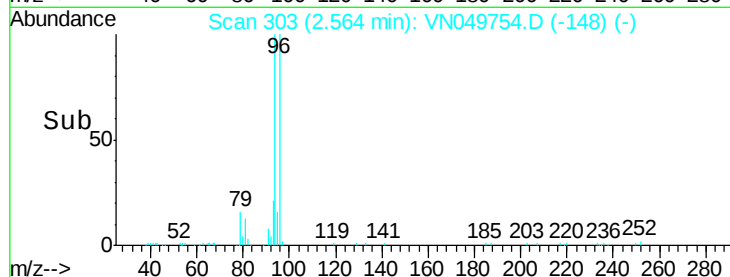
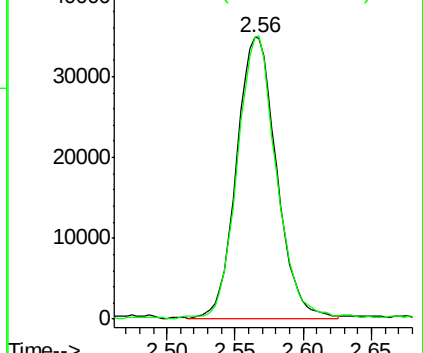
94 100

96 99.0 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 6.10 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049754.D

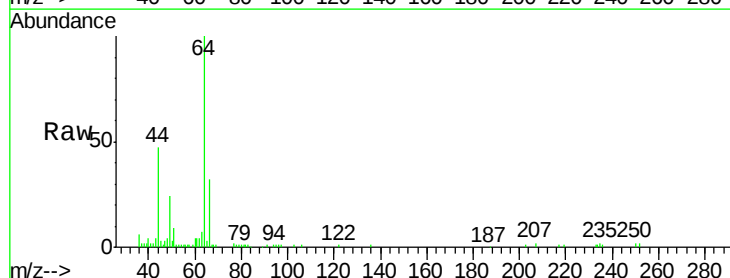
Acq: 11 Jul 2018 10:20

Tgt Ion: 64 Resp: 63543

Ion Ratio Lower Upper

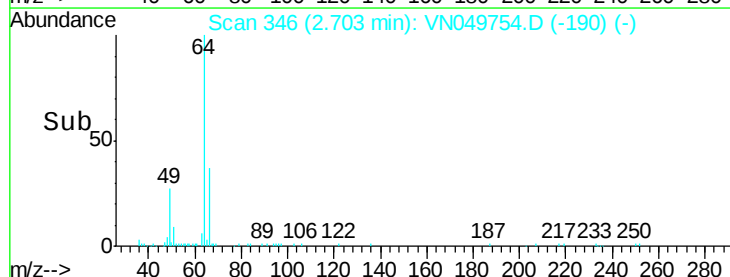
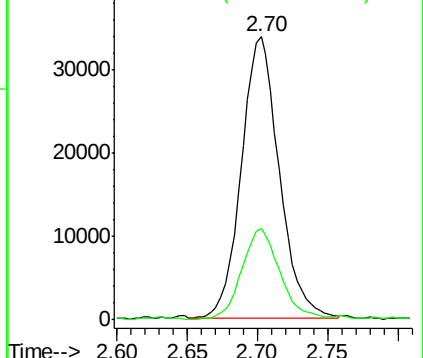
64 100

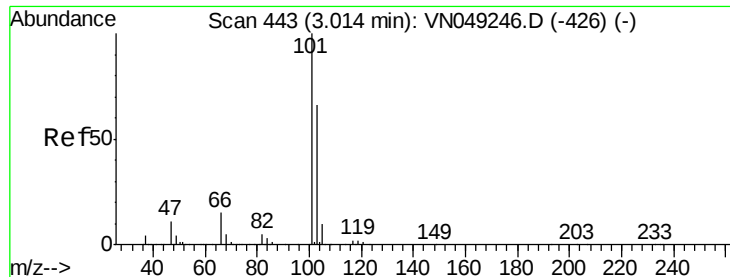
66 32.4 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

Trichlorofluoromethane

Concen: 6.00 ug/l

RT: 3.01 min Scan# 442

Delta R.T. -0.00 min

Lab File: VN049754.D

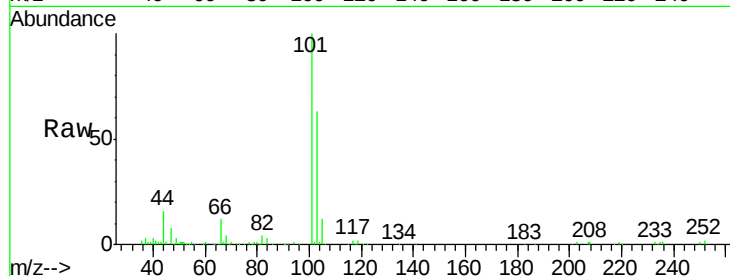
Acq: 11 Jul 2018 10:20

Tot Ion:101 Resp: 136016

Ion Ratio Lower Upper

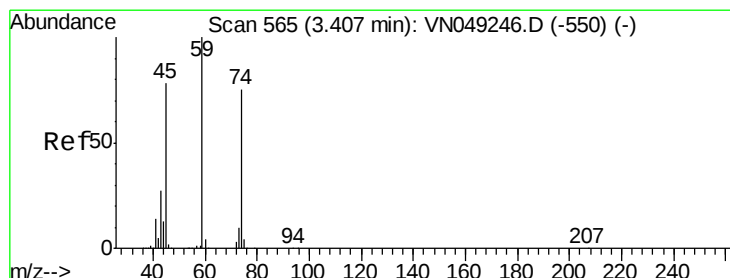
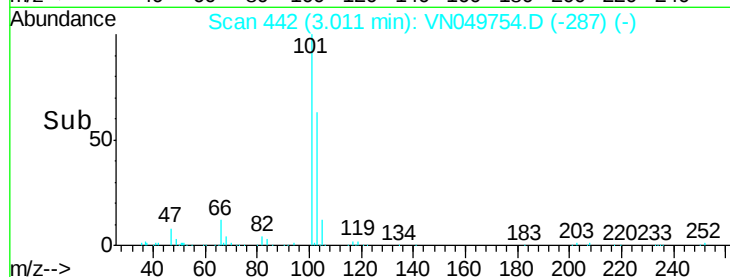
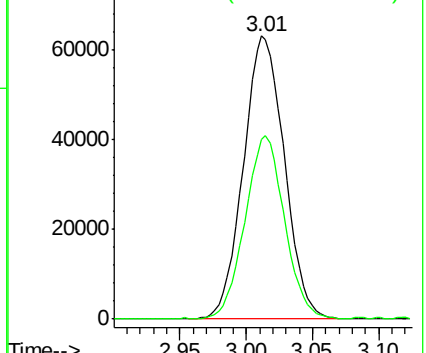
101 100

103 63.4 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: 5.21 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049754.D

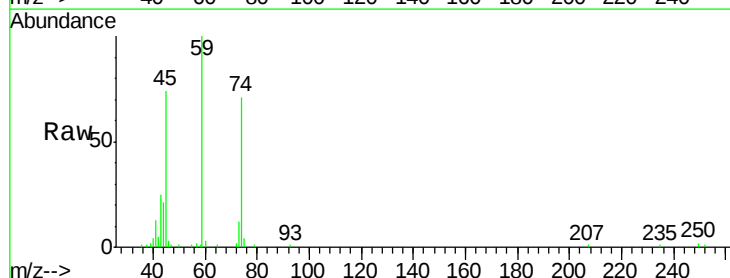
Acq: 11 Jul 2018 10:20

Tgt Ion: 74 Resp: 45864

Ion Ratio Lower Upper

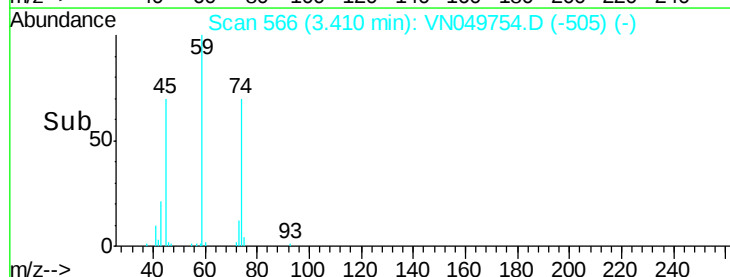
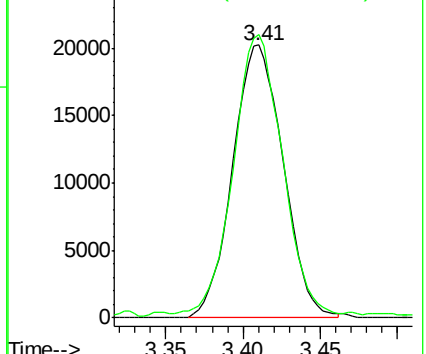
74 100

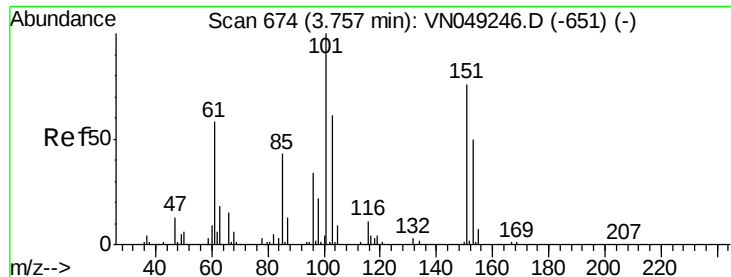
45 98.2 18.7 167.9



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: 5.53 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

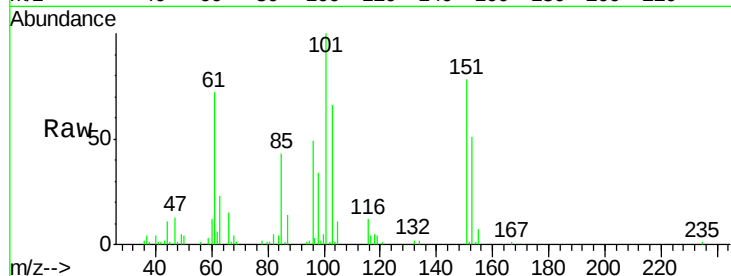
Tot Ion: 101 Resp: 83683

Ion Ratio Lower Upper

101 100

85 43.5 0.0 83.0

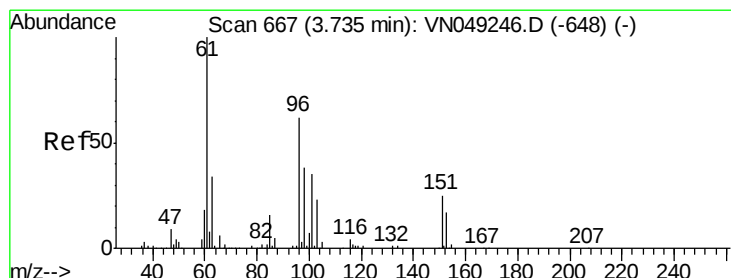
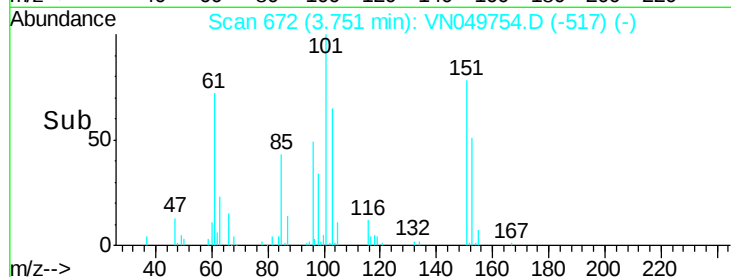
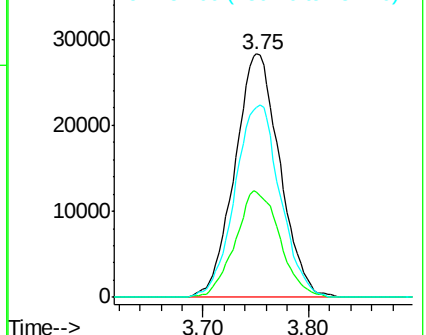
151 79.8 0.0 166.8



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: 5.33 ug/l

RT: 3.73 min Scan# 665

Delta R.T. -0.01 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

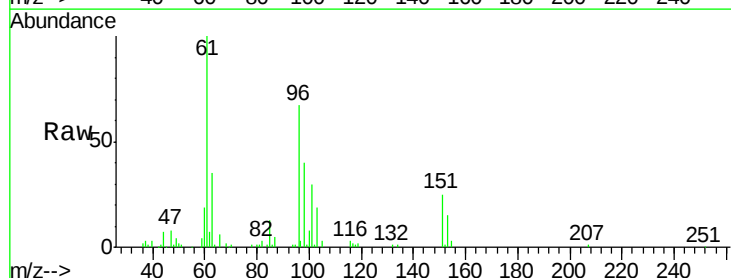
Tgt Ion: 96 Resp: 75075

Ion Ratio Lower Upper

96 100

61 150.2 130.6 195.8

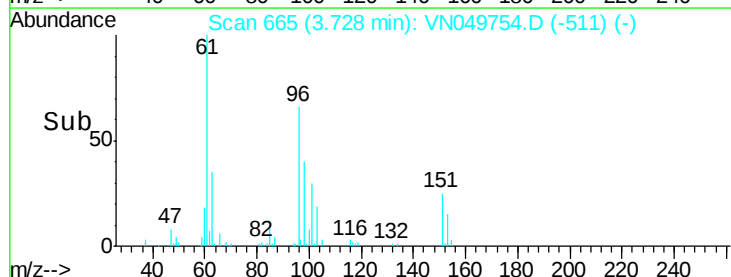
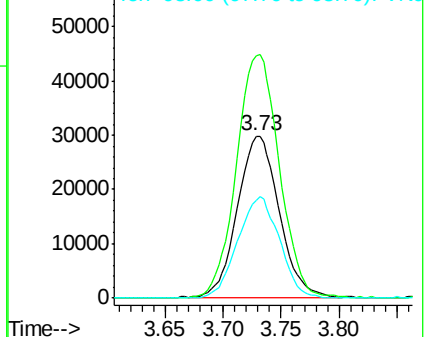
98 60.8 53.5 80.3

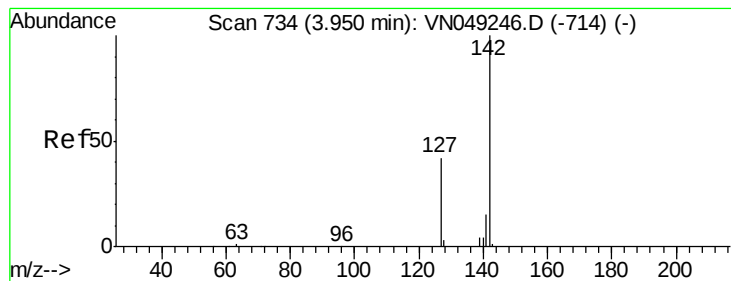


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#11

Methyl Iodide

Concen: 5.21 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

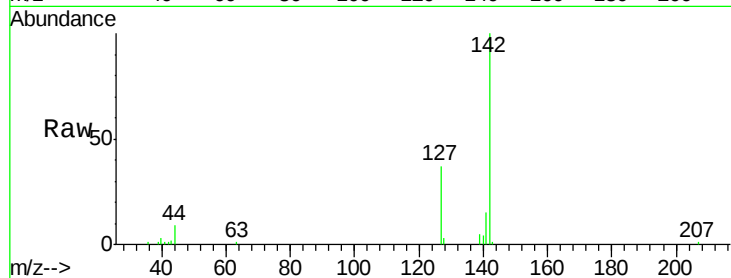
Tot Ion:142 Resp: 86100

Ion Ratio Lower Upper

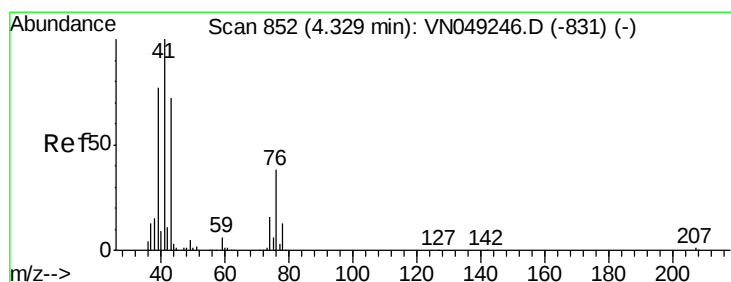
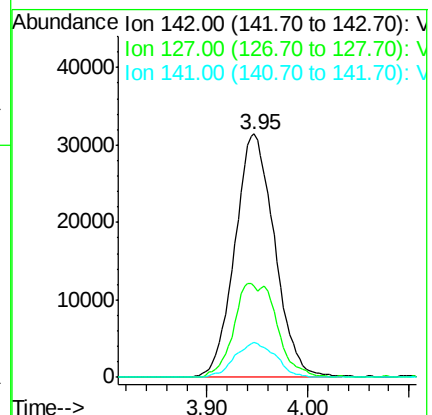
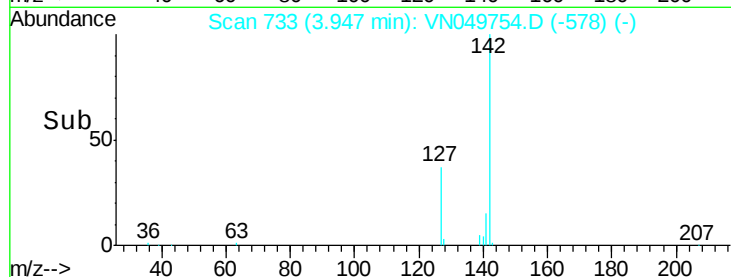
142 100

127 37.1 20.2 60.5

141 14.3 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: 5.11 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049754.D

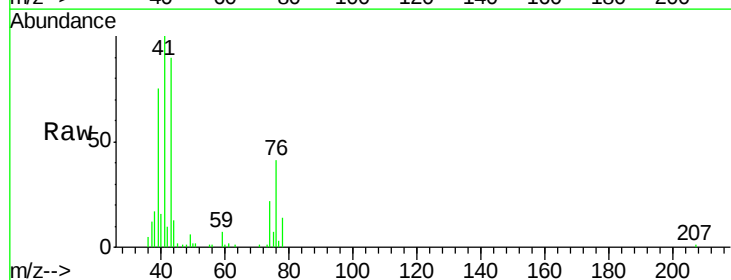
Acq: 11 Jul 2018 10:20

Tgt Ion: 43 Resp: 72513

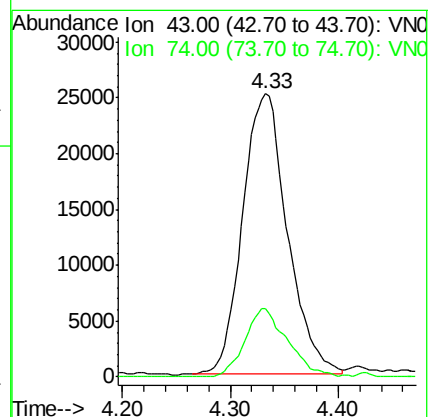
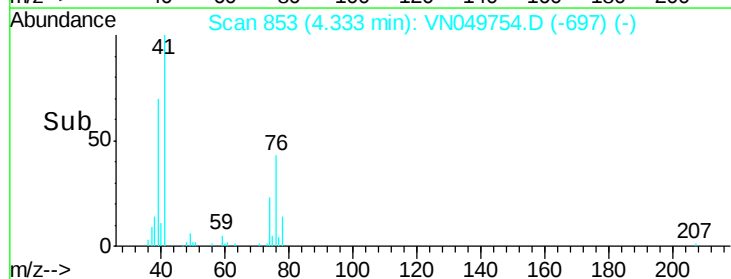
Ion Ratio Lower Upper

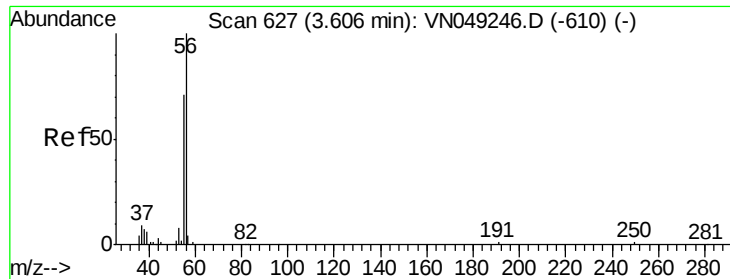
43 100

74 24.3 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: 31.68 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049754.D

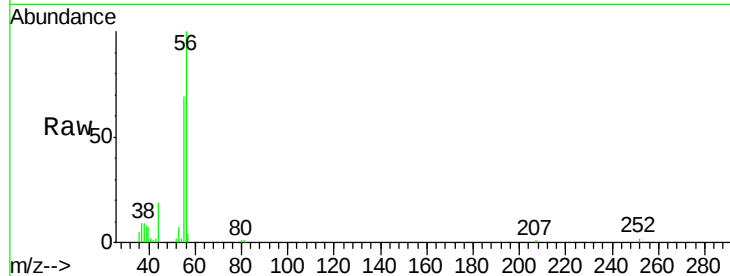
Acq: 11 Jul 2018 10:20

Tot Ion: 56 Resp: 44543

Ion Ratio Lower Upper

56 100

55 72.8 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN049246.D (-610) (-)

Ion 55.00 (54.70 to 55.70): VN049246.D (-610) (-)

3.61

20000

15000

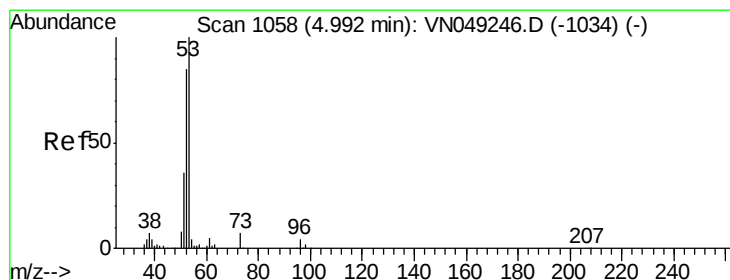
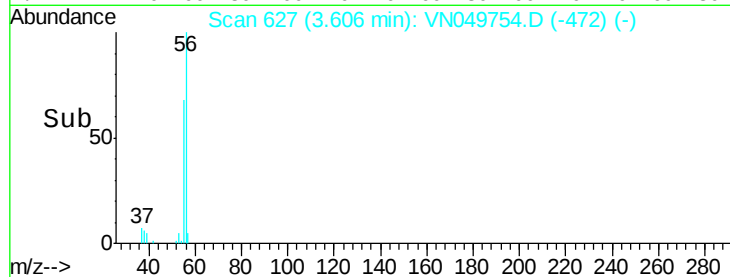
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Acrylonitrile

Concen: 23.46 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

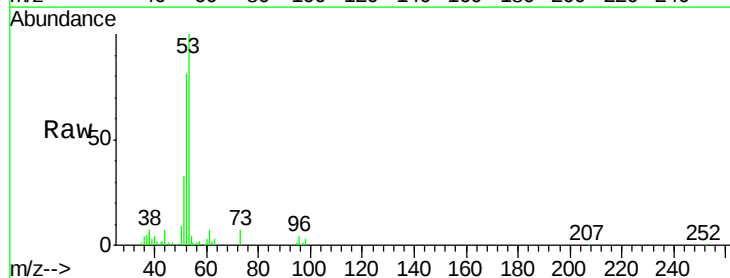
Tgt Ion: 53 Resp: 125065

Ion Ratio Lower Upper

53 100

52 80.0 41.5 124.5

51 35.9 18.7 56.1



Abundance Ion 53.00 (52.70 to 53.70): VN049246.D (-1034) (-)

Ion 52.00 (51.70 to 52.70): VN049246.D (-1034) (-)

Ion 51.00 (50.70 to 51.70): VN049246.D (-1034) (-)

4.99

50000

40000

30000

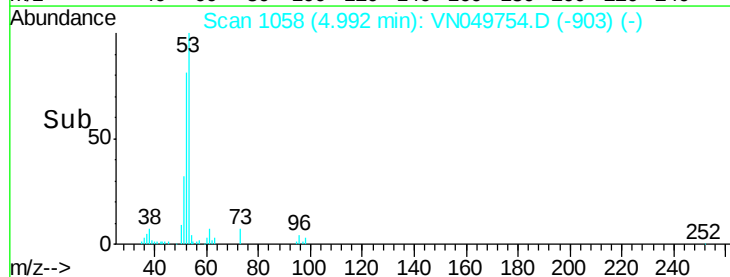
20000

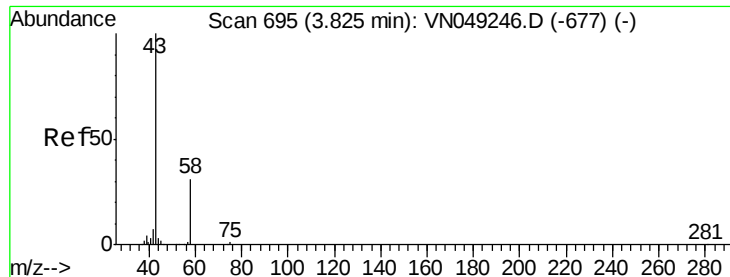
10000

0

Time-->

4.90 5.00 5.10





#15

Acetone

Concen: 28.56 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049754.D

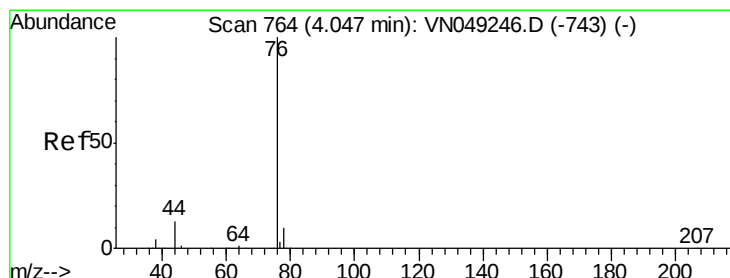
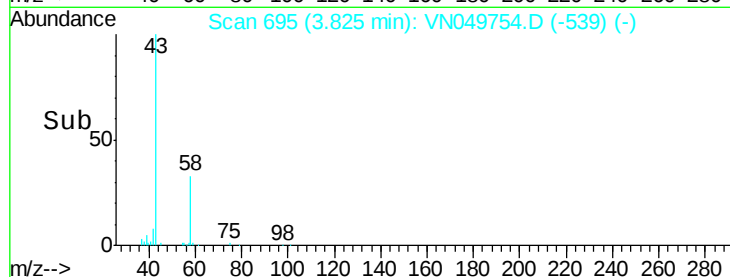
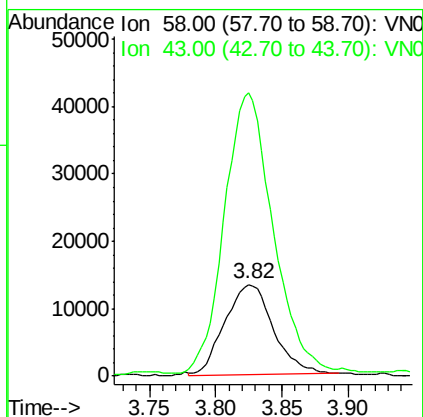
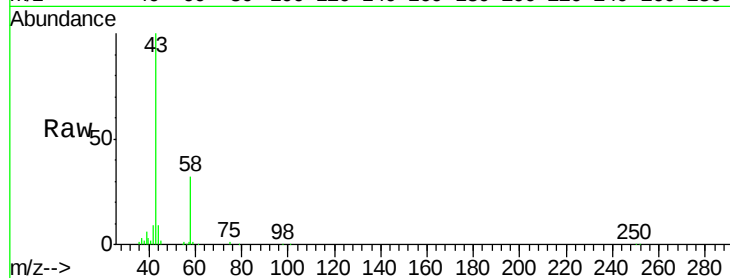
Acq: 11 Jul 2018 10:20

Tot Ion: 58 Resp: 34242

Ion Ratio Lower Upper

58 100

43 309.6 252.0 378.0



#16

Carbon Disulfide

Concen: 5.09 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049754.D

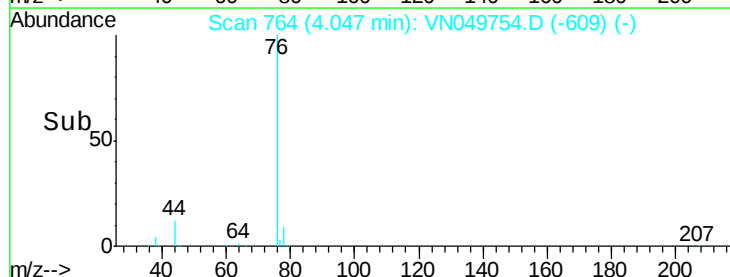
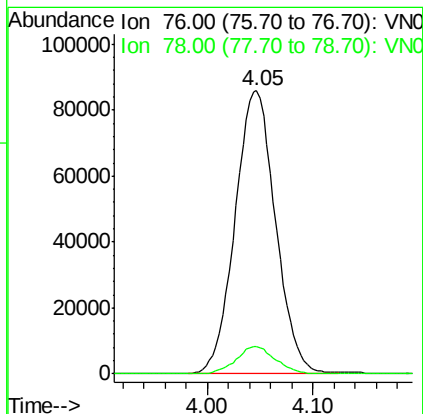
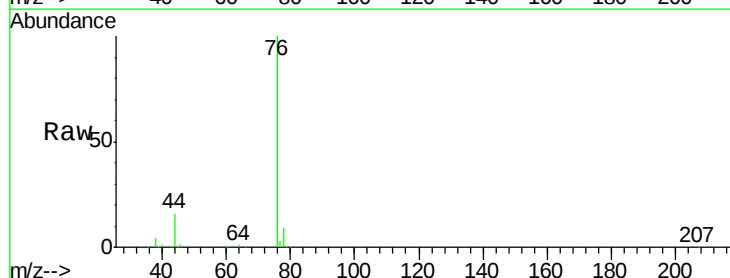
Acq: 11 Jul 2018 10:20

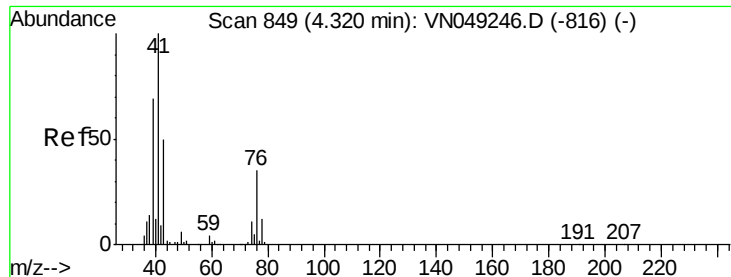
Tgt Ion: 76 Resp: 229450

Ion Ratio Lower Upper

76 100

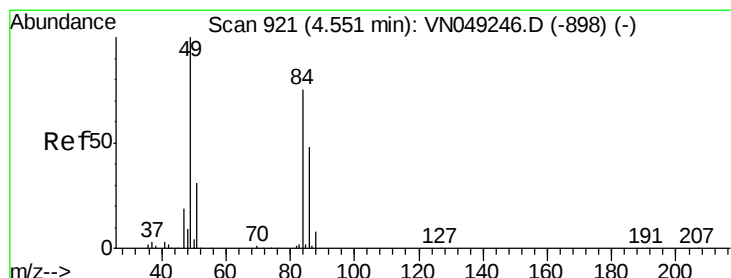
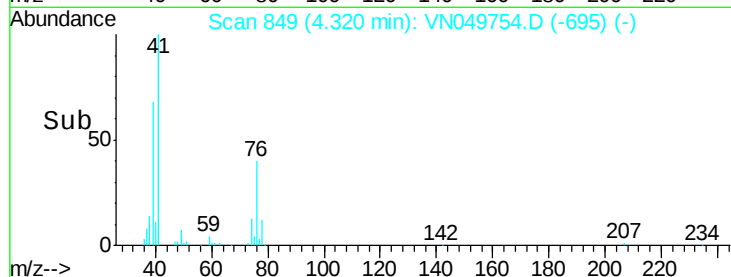
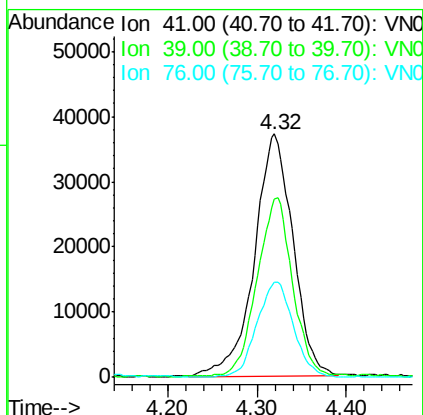
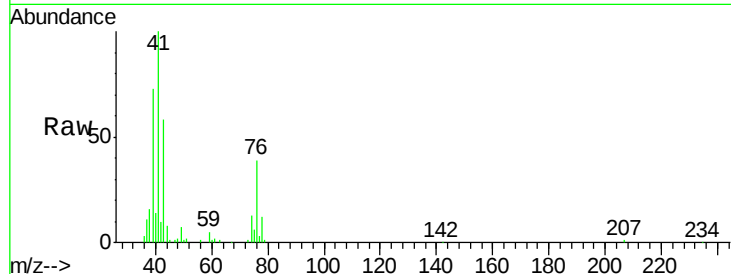
78 9.5 7.3 10.9





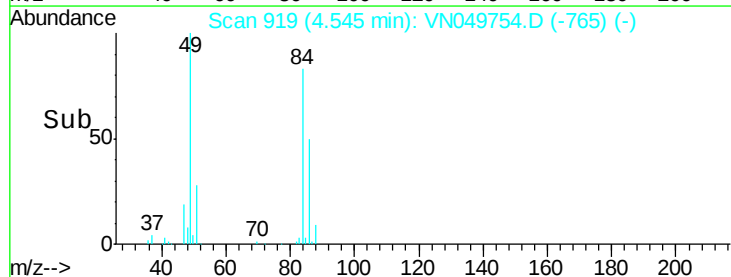
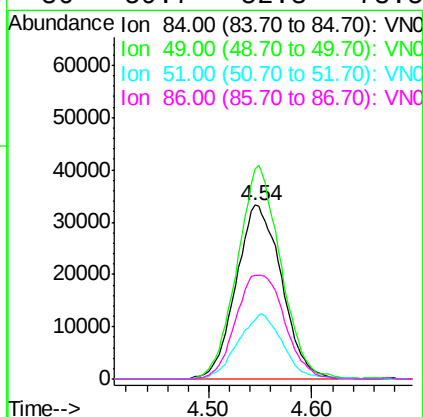
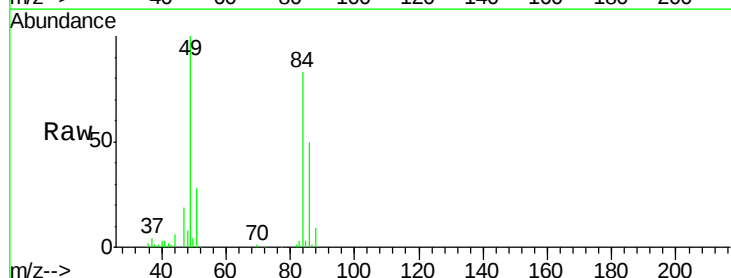
#17
Allvl chloride
Concen: 4.44 ug/l
RT: 4.32 min Scan# 849
Delta R.T. -0.01 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

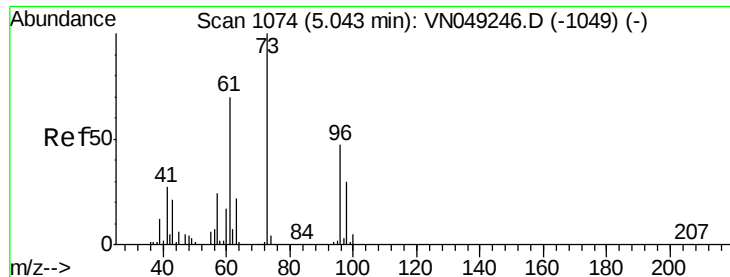
Tot Ion: 41 Resp: 112054
Ion Ratio Lower Upper
41 100
39 73.1 35.4 106.3
76 39.2 19.7 59.1



#18
Methylene Chloride
Concen: 6.16 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

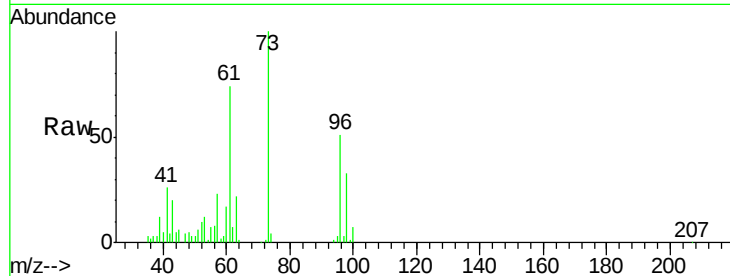
Tgt Ion: 84 Resp: 102375
Ion Ratio Lower Upper
84 100
49 120.4 95.1 142.7
51 34.2 28.8 43.2
86 59.7 52.3 78.5





#19
trans-1,2-Dichloroethene
Concen: 5.27 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	112.1	168.1
98	64.0	51.3	76.9

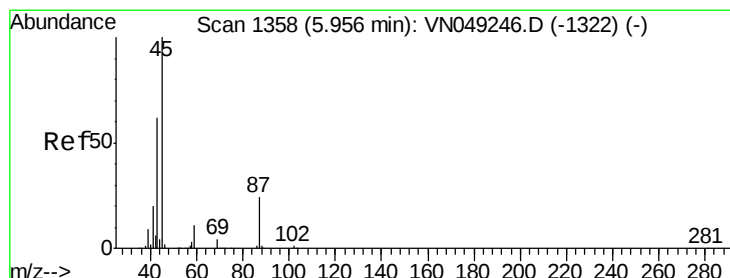
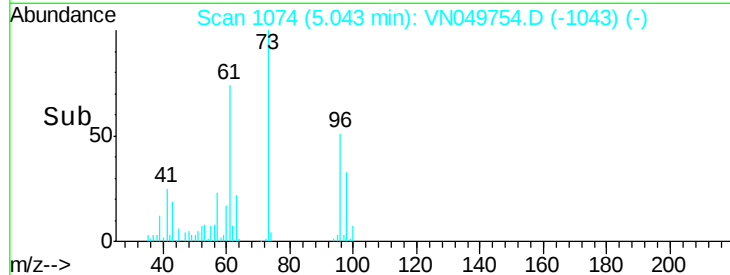
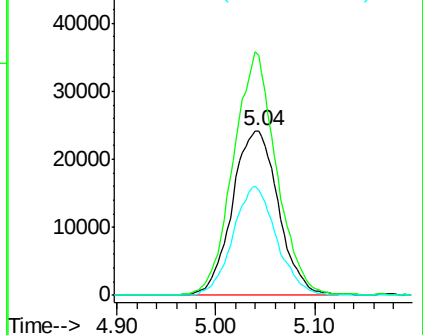


Abundance

Ion 96.00 (95.70 to 96.70): VN0

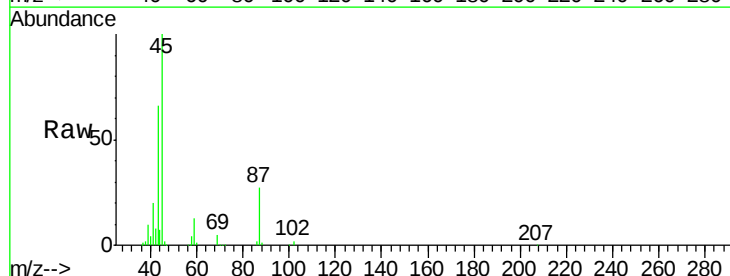
Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20
Diisopropyl ether
Concen: 4.21 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.9	46.6	70.0
87	27.0	22.3	33.5
59	12.6	9.5	14.3



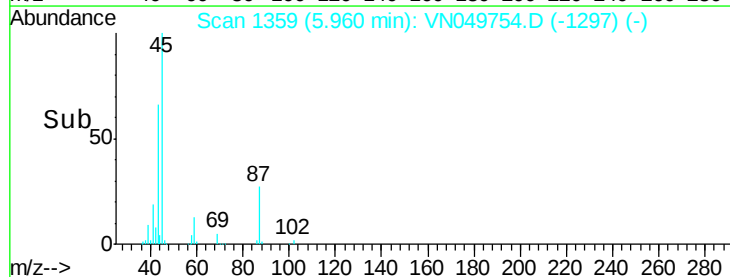
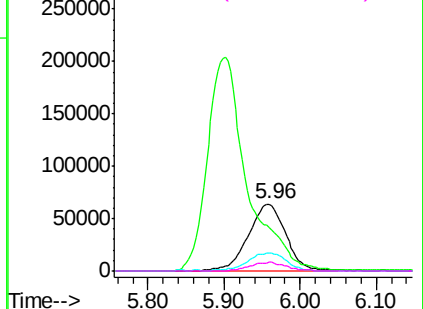
Abundance

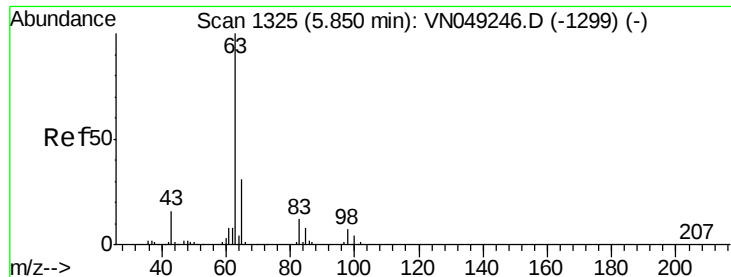
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 4.82 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

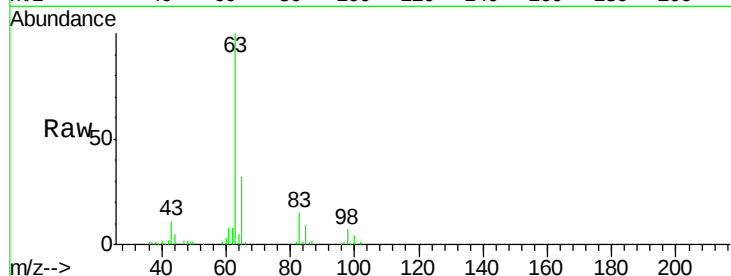
Tot Ion: 63 Resp: 145653

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

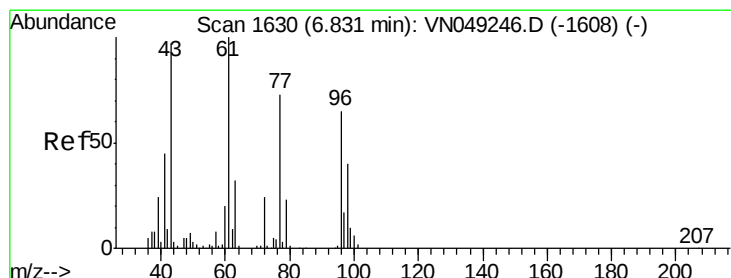
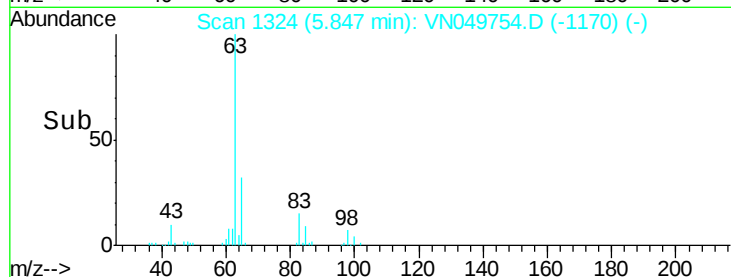
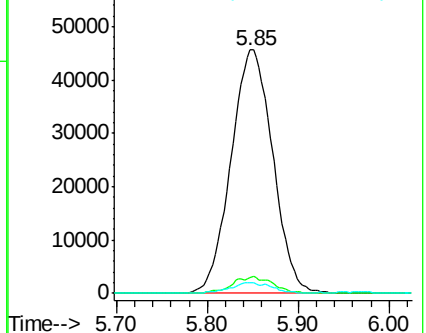
100 4.3 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN049246.D (-1299) (-)

Ion 98.00 (97.70 to 98.70): VN049246.D (-1299) (-)

Ion 100.00 (99.70 to 100.70): VN049246.D (-1299) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.04 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

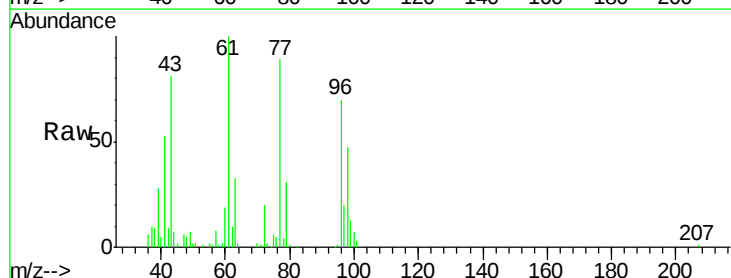
Tgt Ion: 96 Resp: 85148

Ion Ratio Lower Upper

96 100

61 142.6 114.2 171.2

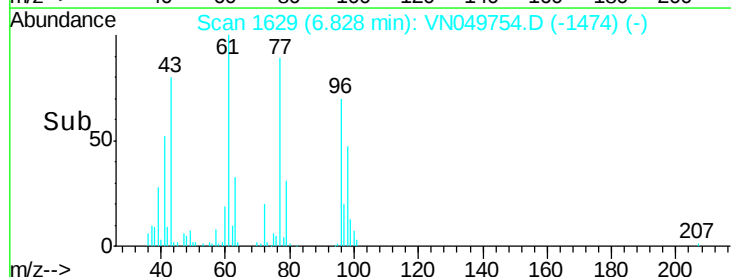
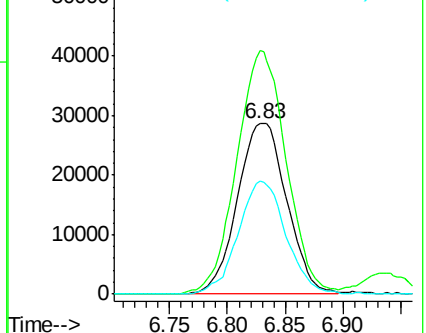
98 63.8 51.7 77.5

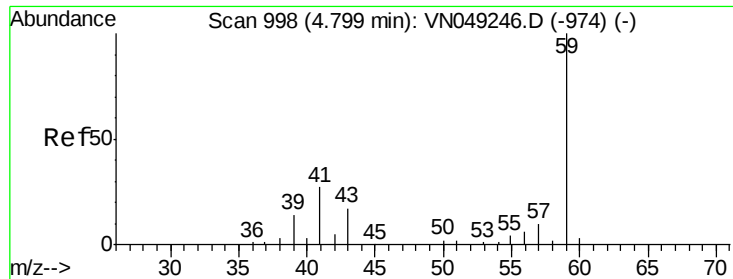


Abundance Ion 96.00 (95.70 to 96.70): VN049246.D (-1608) (-)

Ion 61.00 (60.70 to 61.70): VN049246.D (-1608) (-)

Ion 98.00 (97.70 to 98.70): VN049246.D (-1608) (-)





#23

tert-Butyl Alcohol

Concen: 24.18 ug/l

RT: 4.81 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN049754.D

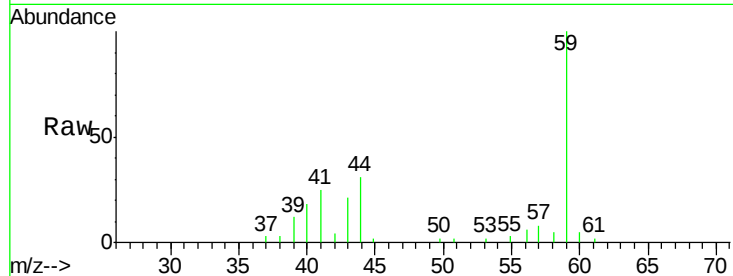
Acq: 11 Jul 2018 10:20

Tot Ion: 59 Resp: 24248

Ion Ratio Lower Upper

59 100

52 0.9 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN049246.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN049754.D (-844) (-)

4.81

8000

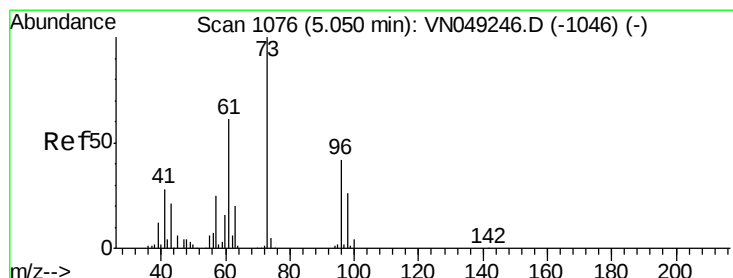
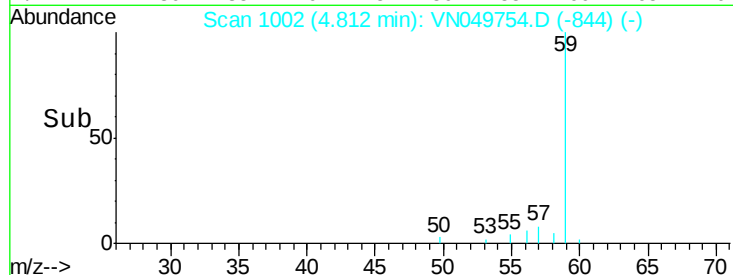
6000

4000

2000

0

Time-->



#24

Methyl tert-Butyl Ether

Concen: 4.67 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VN049754.D

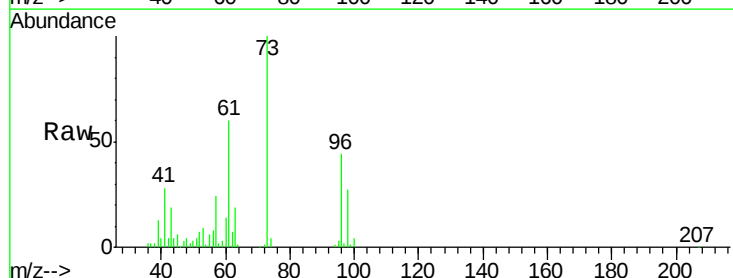
Acq: 11 Jul 2018 10:20

Tgt Ion: 73 Resp: 180358

Ion Ratio Lower Upper

73 100

43 10.4 15.5 23.3#



Abundance Ion 73.00 (72.70 to 73.70): VN049246.D (-1046) (-)

Ion 43.00 (42.70 to 43.70): VN049754.D (-921) (-)

5.05

50000

40000

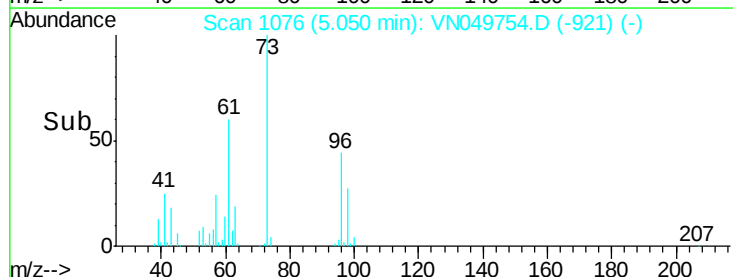
30000

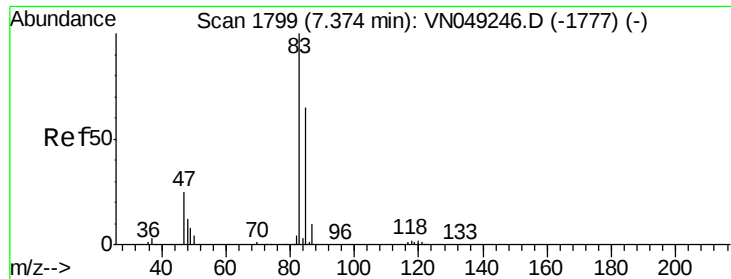
20000

10000

0

Time-->





#25

Chloroform

Concen: 5.07 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049754.D

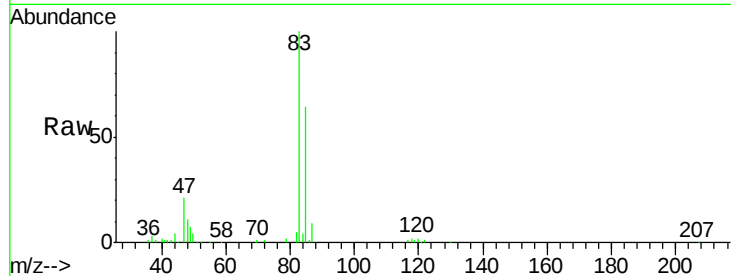
Acq: 11 Jul 2018 10:20

Tot Ion: 83 Resp: 149593

Ion Ratio Lower Upper

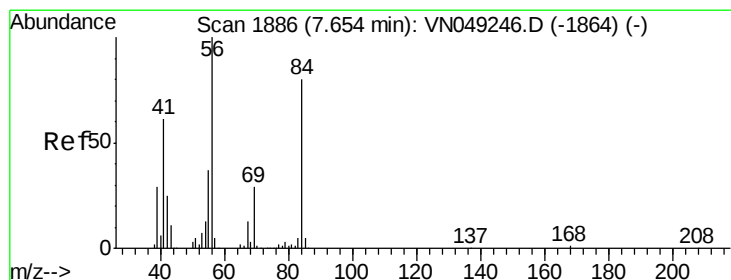
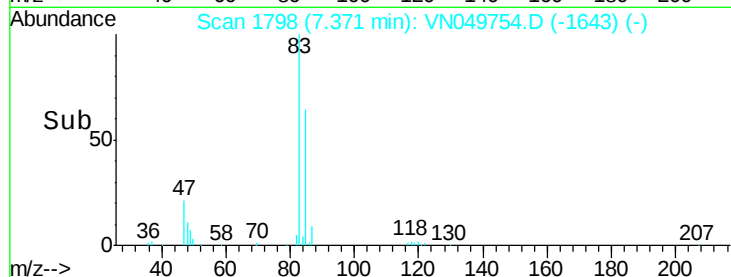
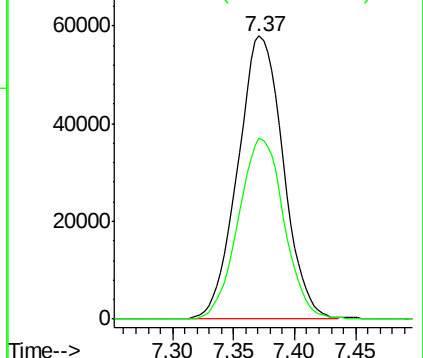
83 100

85 63.8 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 4.26 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

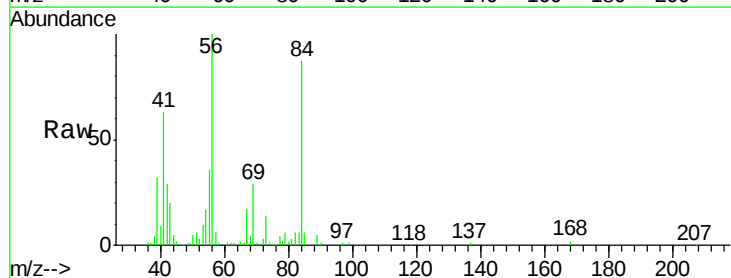
Tgt Ion: 56 Resp: 109877

Ion Ratio Lower Upper

56 100

89 3.2 3.0 4.4

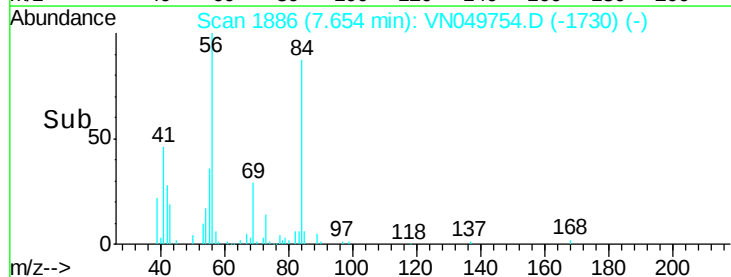
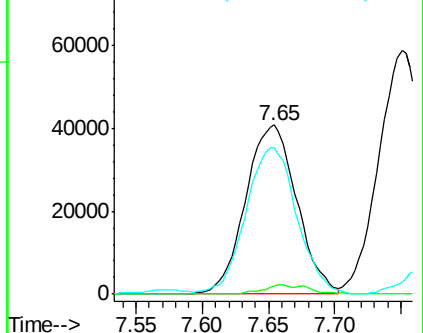
84 85.3 69.8 104.8

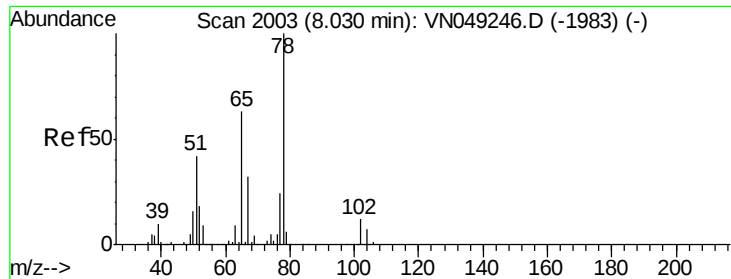


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 29.21 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049754.D

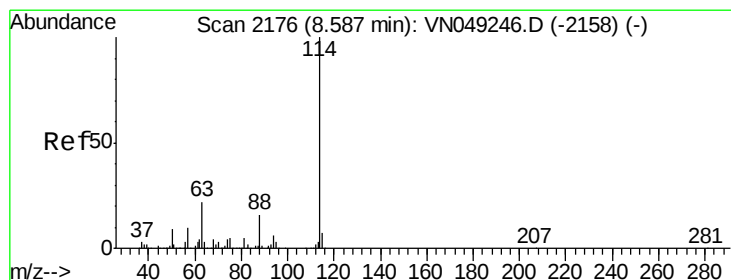
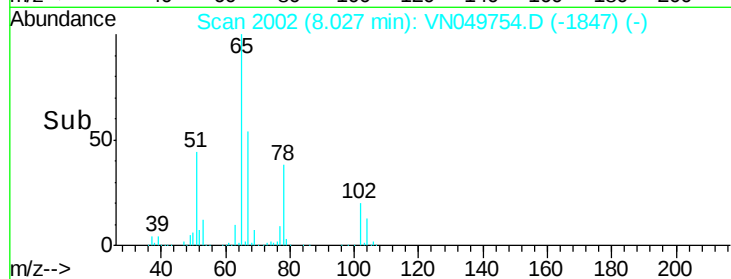
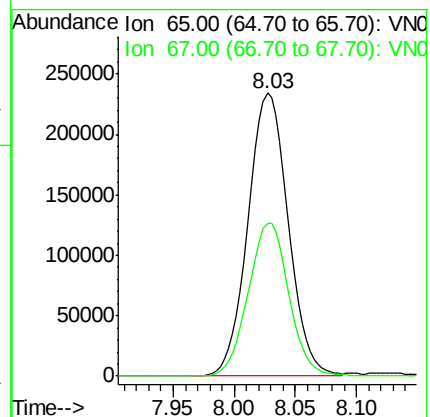
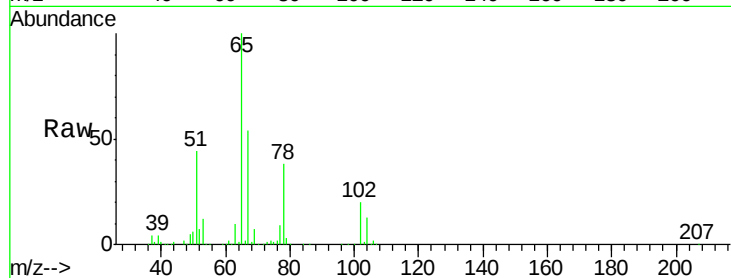
Acq: 11 Jul 2018 10:20

Tot Ion: 65 Resp: 534782

Ion Ratio Lower Upper

65 100

67 54.5 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: VN049754.D

Acq: 11 Jul 2018 10:20

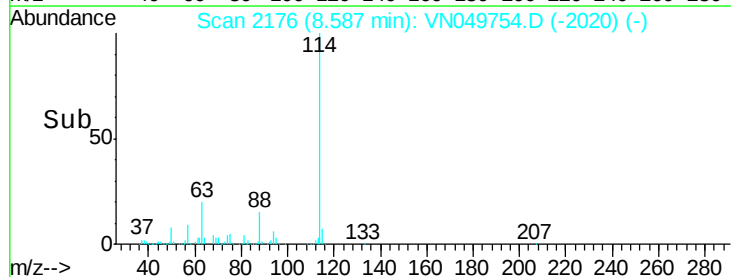
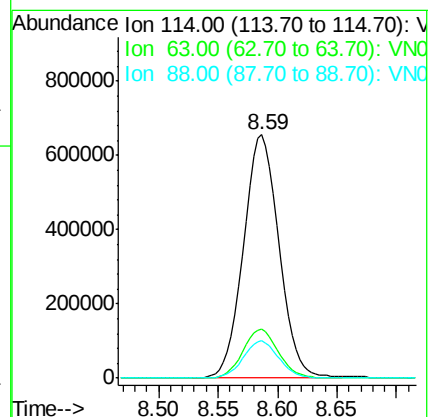
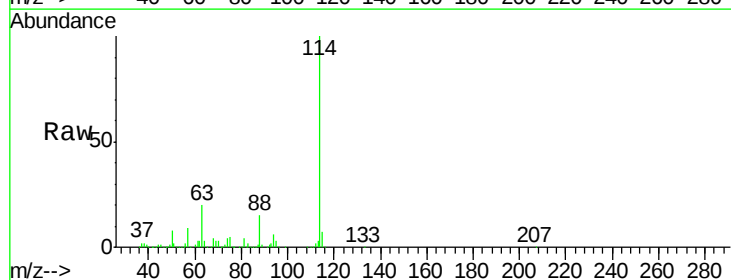
Tgt Ion: 114 Resp: 1361759

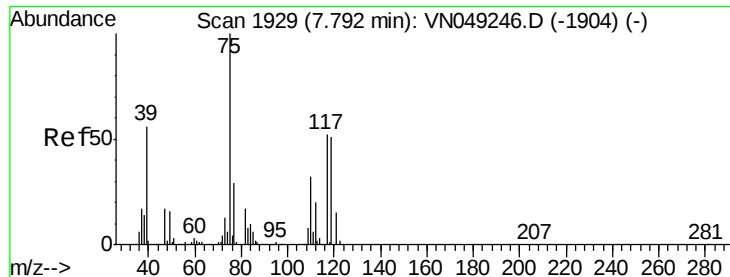
Ion Ratio Lower Upper

114 100

63 20.0 16.2 24.2

88 15.3 12.3 18.5





#29

1,1-Dichloropropene

Concen: 4.73 ug/l

RT: 7.79 min Scan# 1928

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

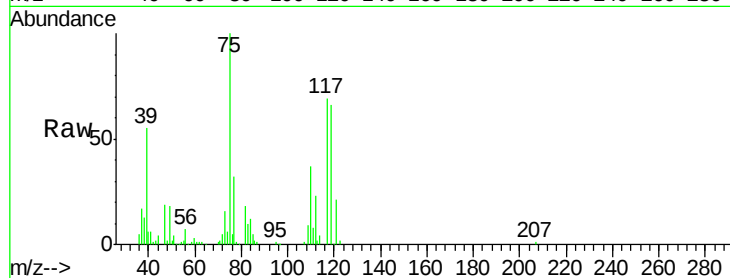
Tot Ion: 75 Resp: 104905

Ion Ratio Lower Upper

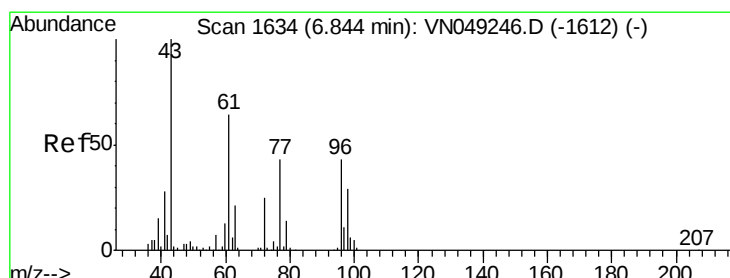
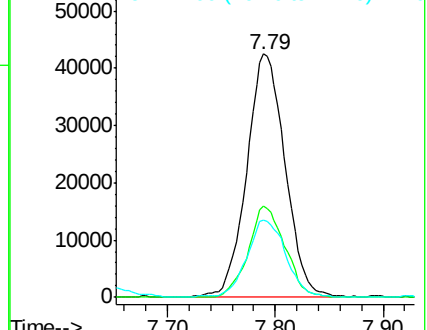
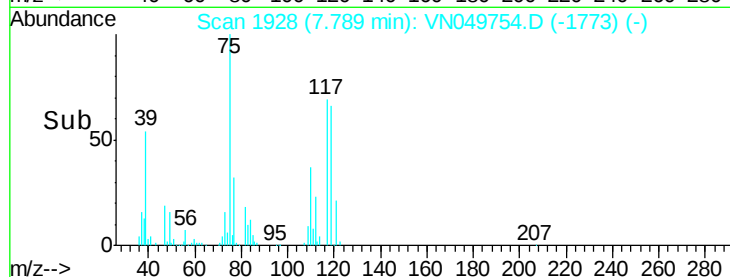
75 100

110 35.6 0.0 73.2

77 31.5 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN049754.D (-1773) (-)



#30

2-Butanone

Concen: 24.01 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

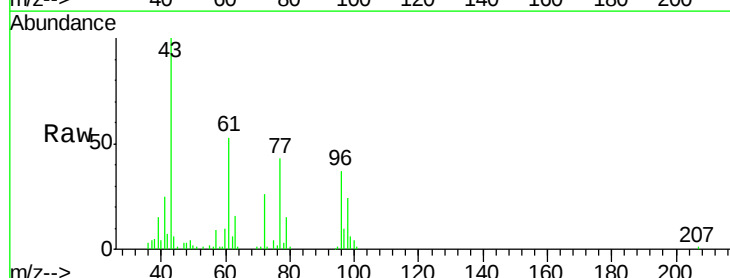
Tgt Ion: 43 Resp: 145579

Ion Ratio Lower Upper

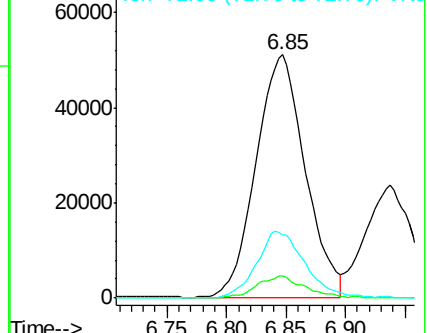
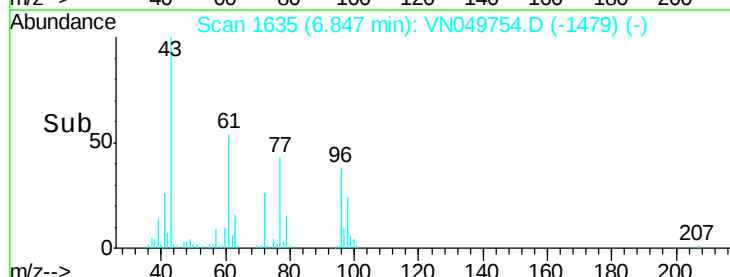
43 100

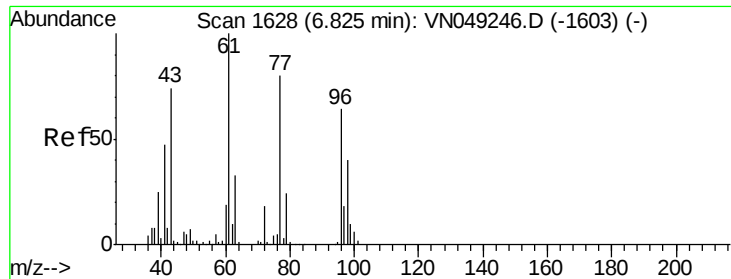
57 8.8 6.8 10.2

72 26.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN049754.D (-1479) (-)





#31

2,2-Dichloropropane

Concen: 5.69 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN049754.D

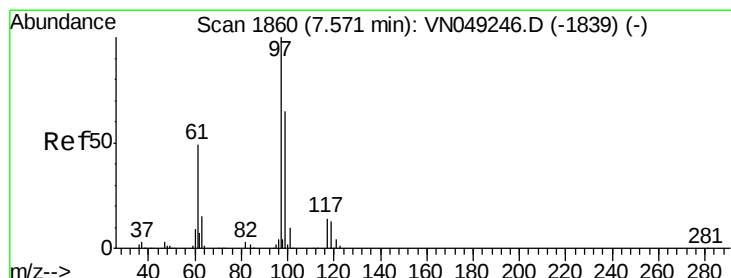
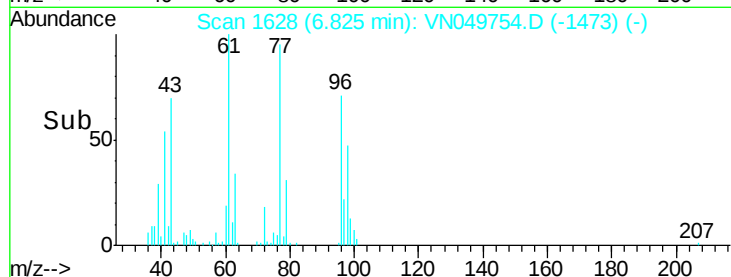
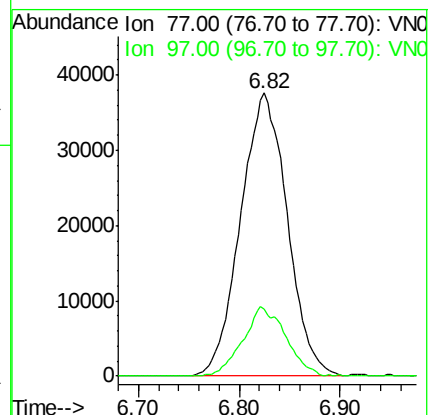
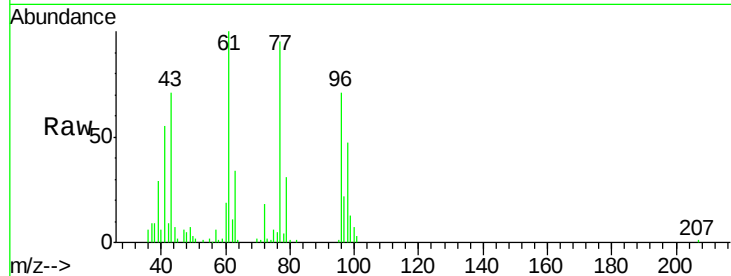
Acq: 11 Jul 2018 10:20

Tot Ion: 77 Resp: 120760

Ion Ratio Lower Upper

77 100

97 22.5 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 5.12 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

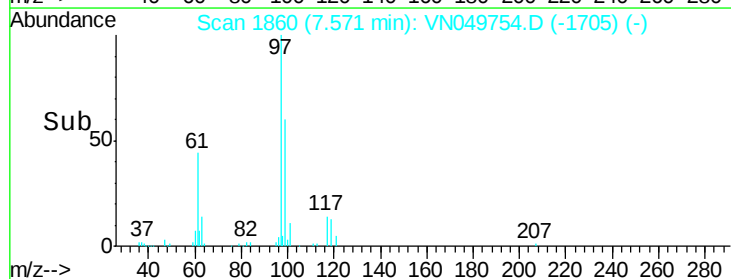
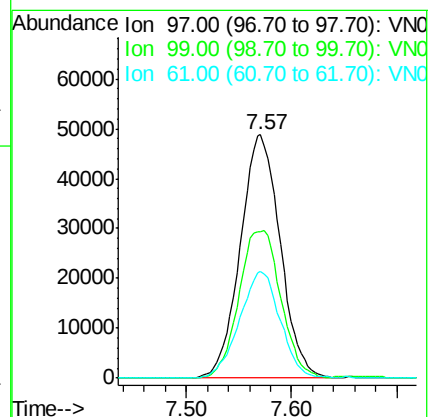
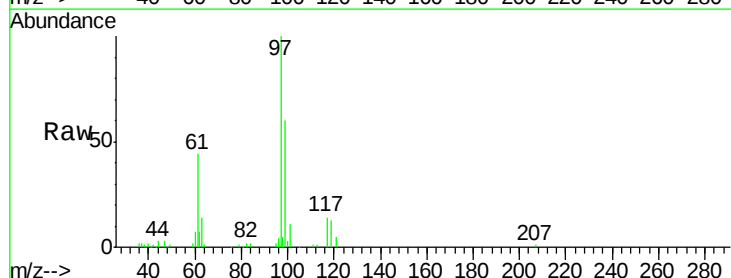
Tgt Ion: 97 Resp: 128331

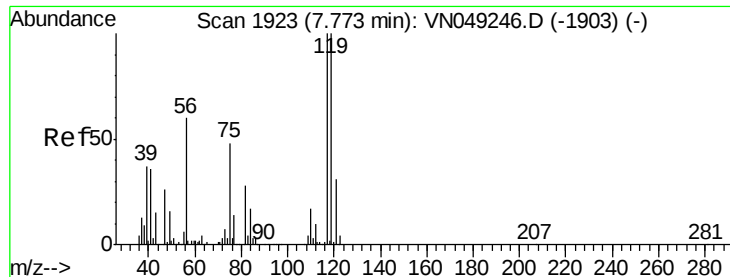
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 44.5 35.3 52.9





#33

Carbon Tetrachloride

Concen: 5.11 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

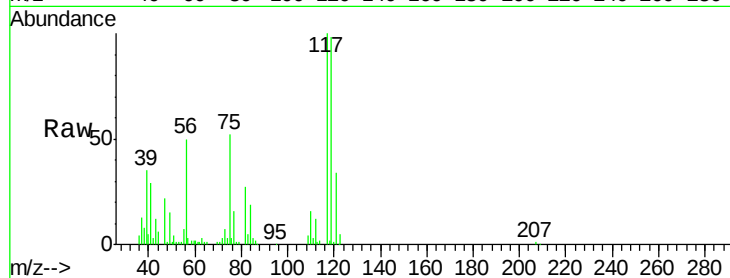
Tot Ion:117 Resp: 112343

Ion Ratio Lower Upper

117 100

119 98.0 76.9 115.3

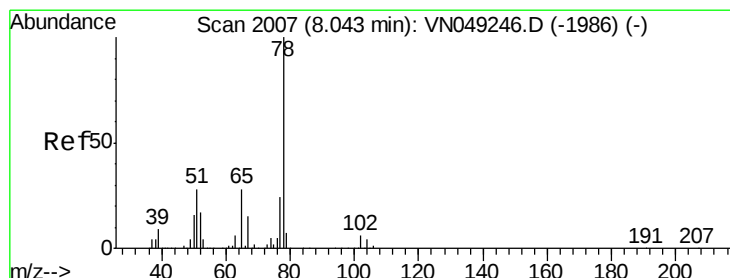
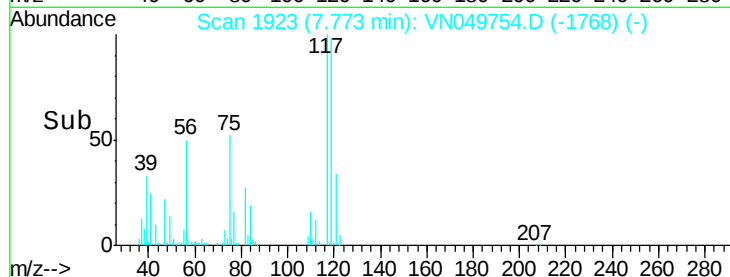
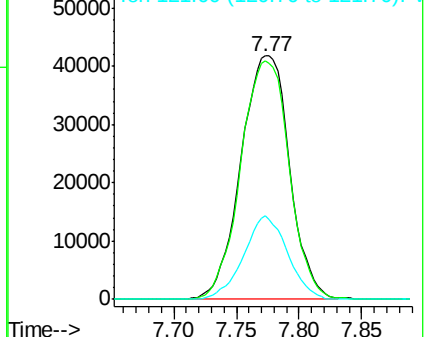
121 34.3 24.4 36.6



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: 4.86 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

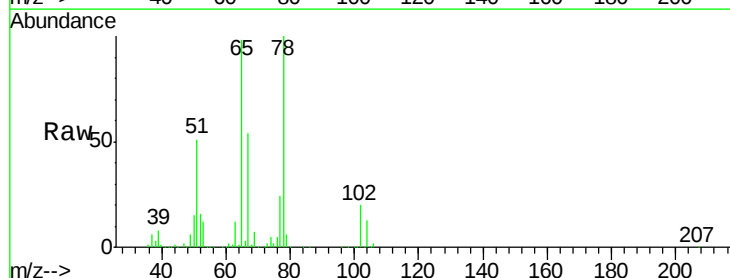
Tgt Ion: 78 Resp: 327361

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

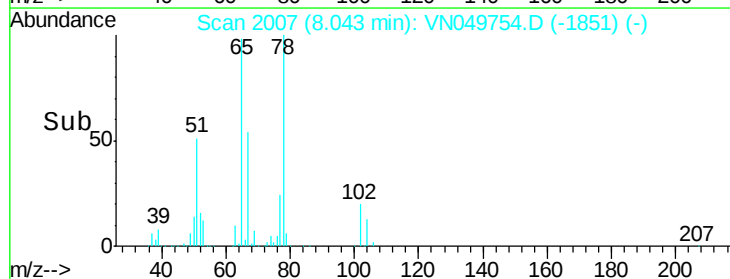
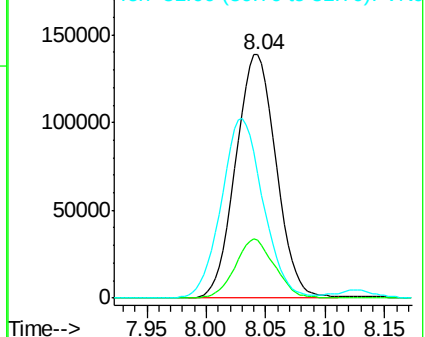
51 49.9 21.0 31.4#

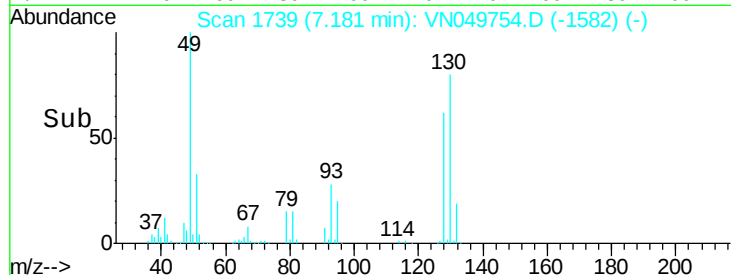
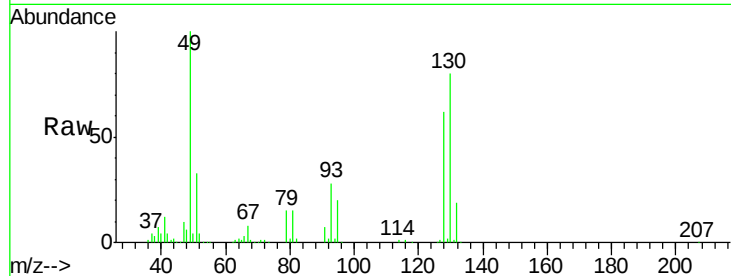
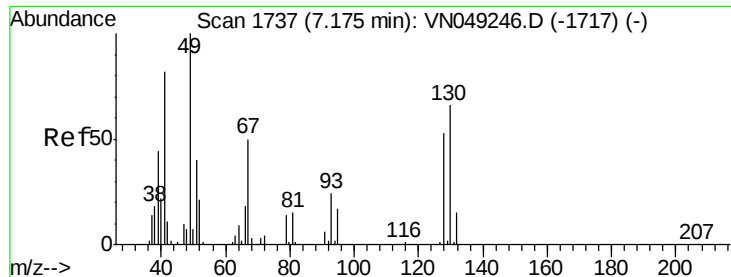


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

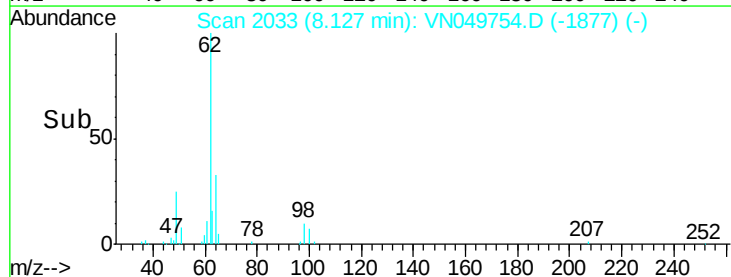
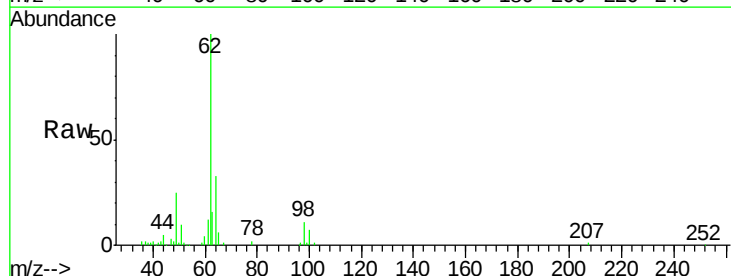
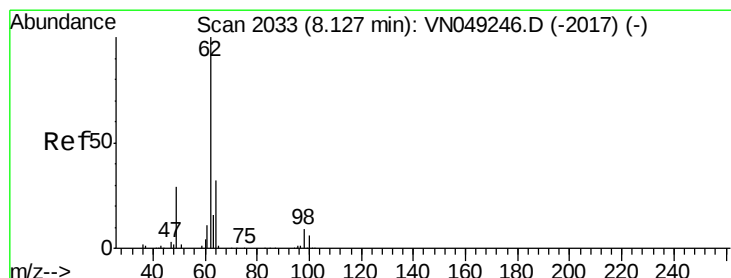
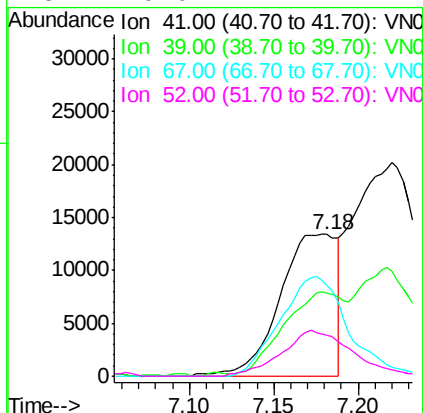
Ion 51.00 (50.70 to 51.70): V





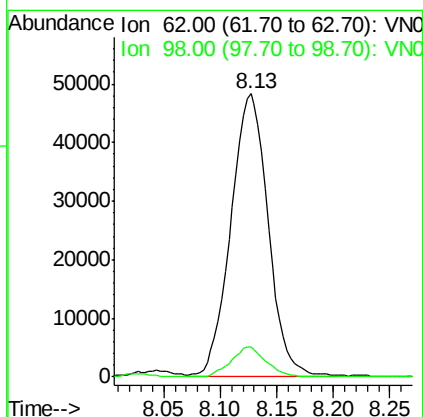
#35
Methacrylonitrile
Concen: 4.15 ug/l m
RT: 7.18 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

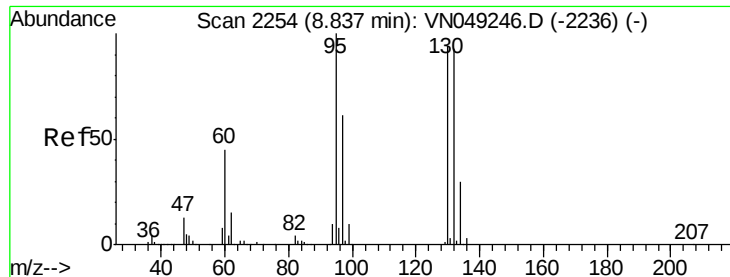
Tot Ion: 41 Resp: 31558
Ion Ratio Lower Upper
41 100
39 59.1 27.6 82.7
67 64.3 35.1 105.5
52 29.0 14.1 42.4



#36
1,2-Dichloroethane
Concen: 5.18 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion: 62 Resp: 111402
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6





#37

Trichloroethene

Concen: 5.21 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049754.D

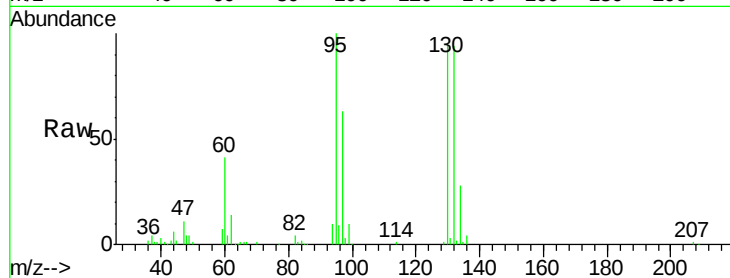
Acq: 11 Jul 2018 10:20

Tot Ion:130 Resp: 86067

Ion Ratio Lower Upper

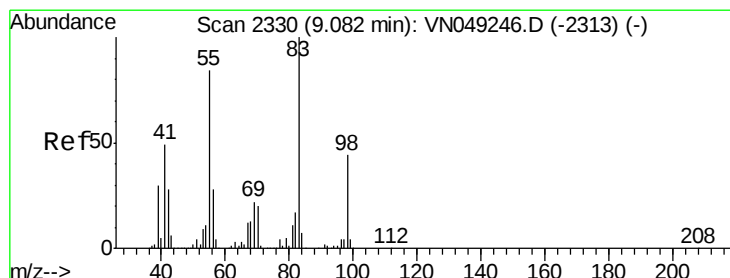
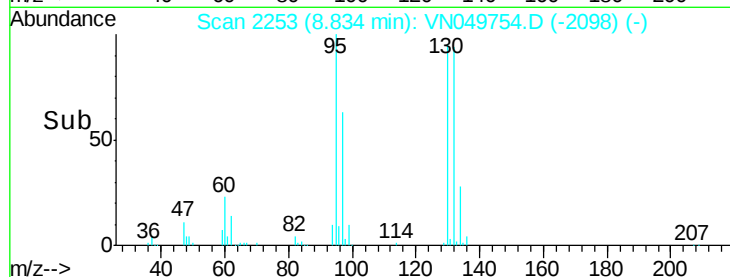
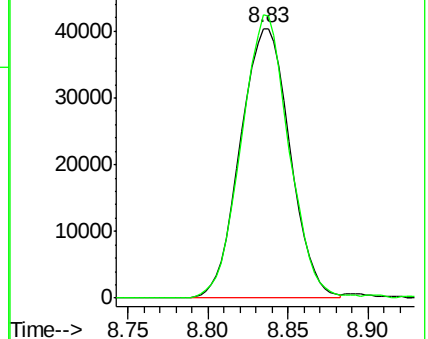
130 100

95 104.9 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0



#38

Methylcyclohexane

Concen: 4.78 ug/l

RT: 9.08 min Scan# 2329

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

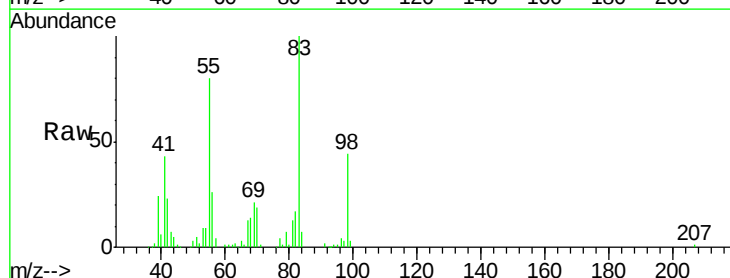
Tgt Ion: 83 Resp: 109738

Ion Ratio Lower Upper

83 100

55 79.0 39.3 117.8

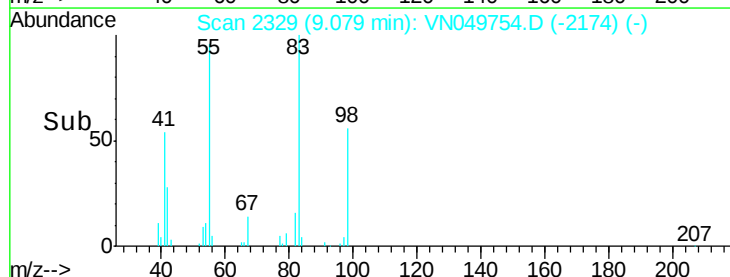
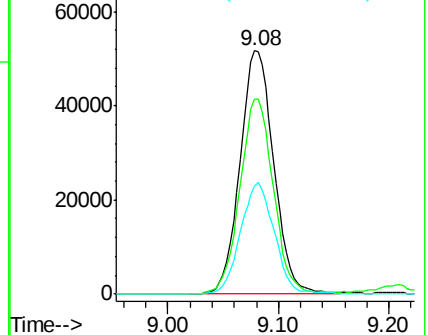
98 45.5 23.0 69.0

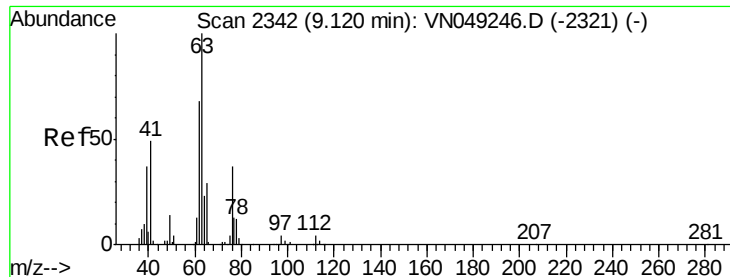


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#39

1,2-Dichloropropane

Concen: 4.70 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049754.D

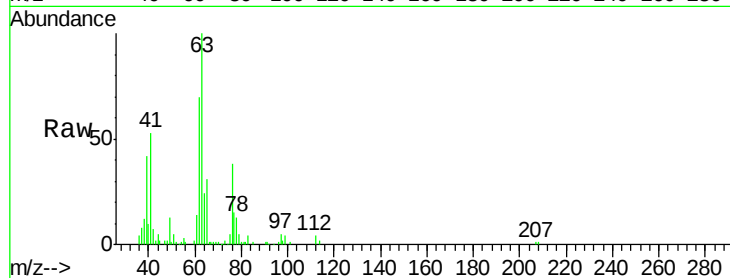
Acq: 11 Jul 2018 10:20

Tot Ion: 63 Resp: 86111

Ion Ratio Lower Upper

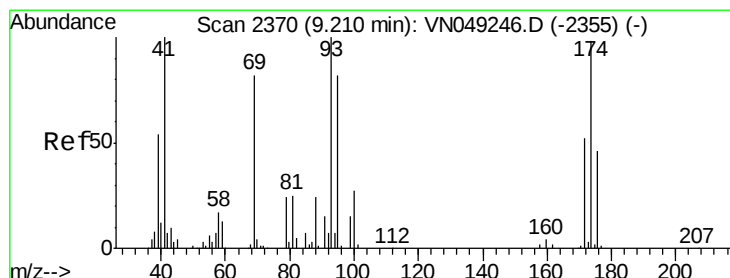
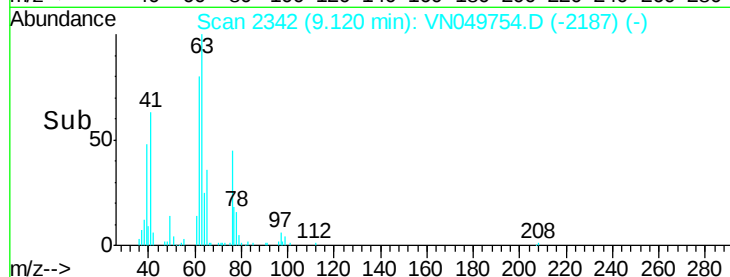
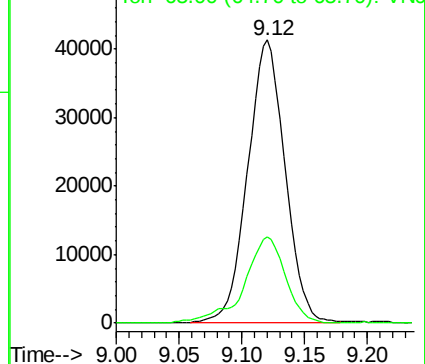
63 100

65 30.6 24.2 36.2



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 4.99 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

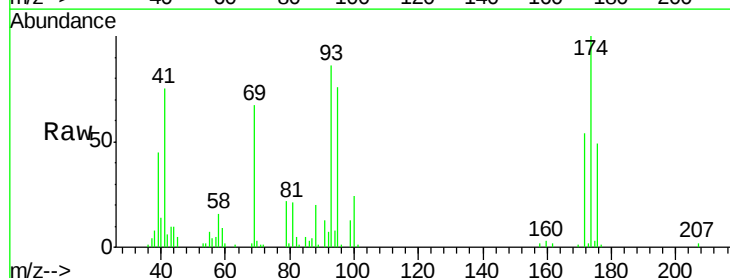
Tgt Ion: 93 Resp: 51125

Ion Ratio Lower Upper

93 100

95 85.5 0.0 165.6

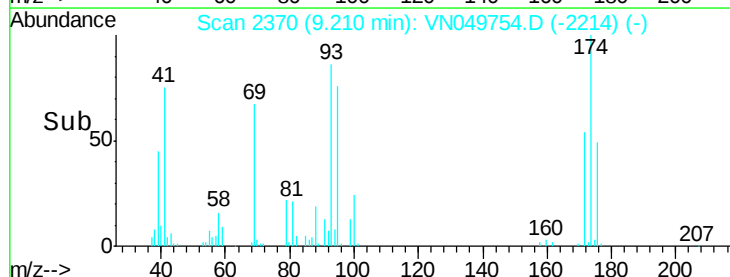
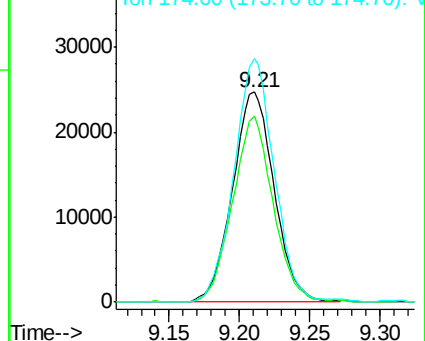
174 111.3 0.0 223.2

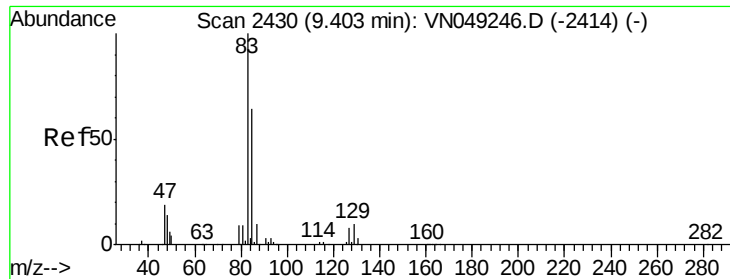


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 4.92 ug/l

RT: 9.40 min Scan# 2430

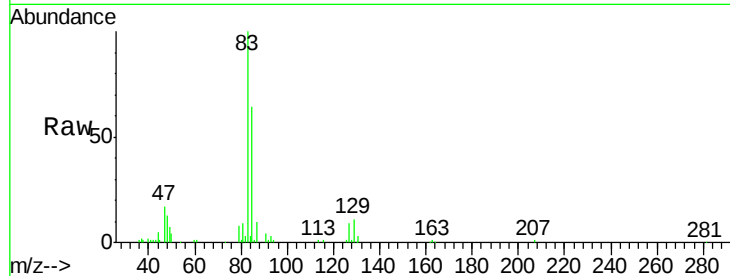
Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

Tot Ion: 83 Resp: 111487

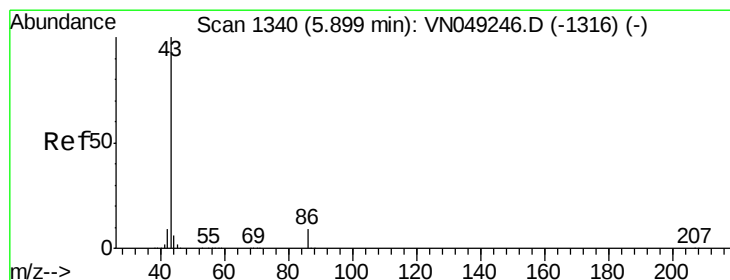
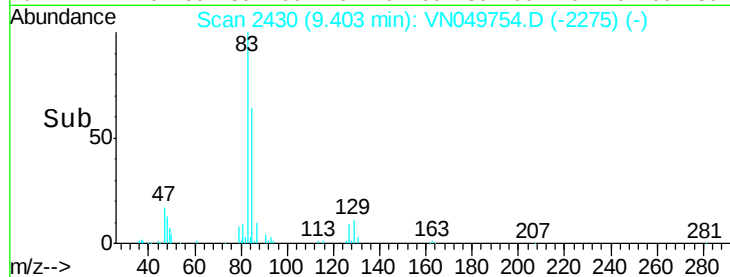
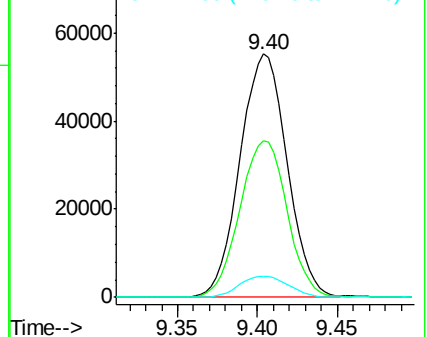
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	78.8
127	8.8	7.0	10.4



Abundance Ion 83.00 (82.70 to 83.70): VN049754.D (-2275) (-)

Ion 85.00 (84.70 to 85.70): VN049754.D (-2275) (-)

Ion 127.00 (126.70 to 127.70): VN049754.D (-2275) (-)



#42

Vinyl Acetate

Concen: 20.95 ug/l

RT: 5.90 min Scan# 1341

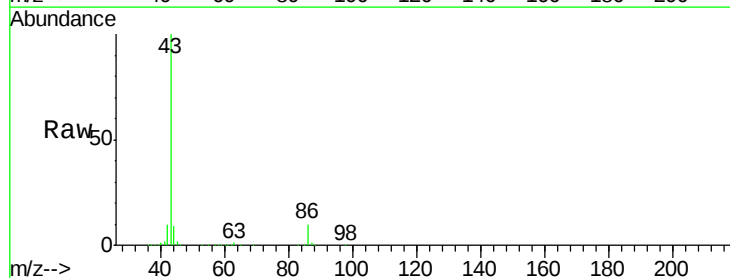
Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

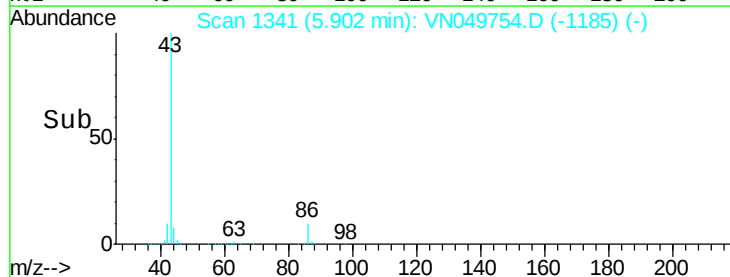
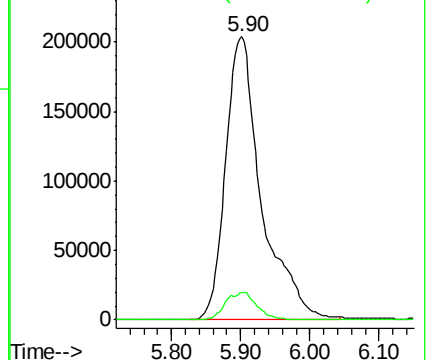
Tgt Ion: 43 Resp: 735091

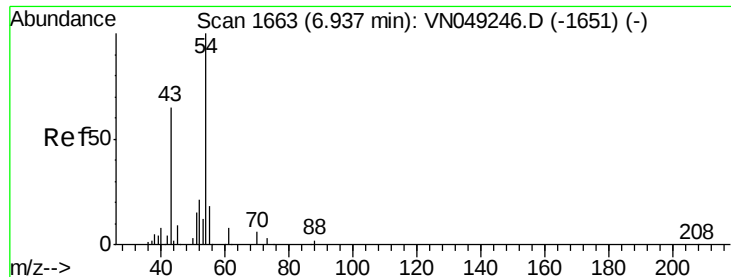
Ion	Ratio	Lower	Upper
43	100		
86	2.6	7.3	10.9#



Abundance Ion 43.00 (42.70 to 43.70): VN049754.D (-1185) (-)

Ion 86.00 (85.70 to 86.70): VN049754.D (-1185) (-)





#43

Ethyl Acetate

Concen: 4.20 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049754.D

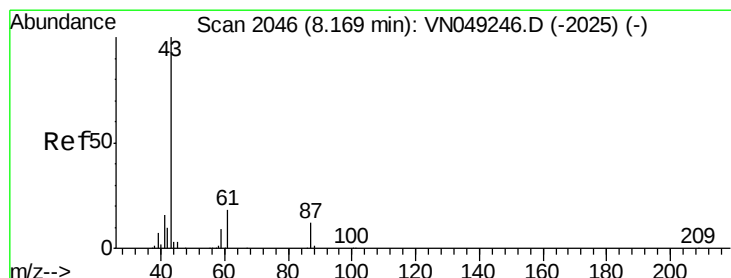
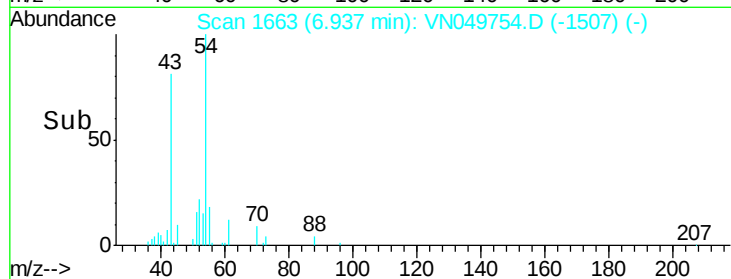
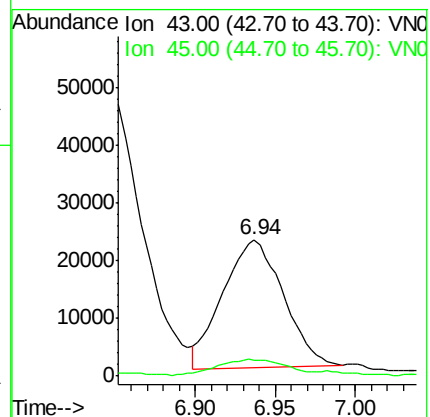
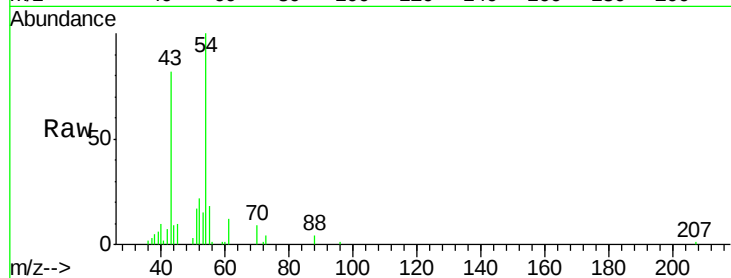
Acq: 11 Jul 2018 10:20

Tot Ion: 43 Resp: 57493

Ion Ratio Lower Upper

43 100

45 13.8 13.0 19.6



#44

Isopropyl Acetate

Concen: 4.29 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN049754.D

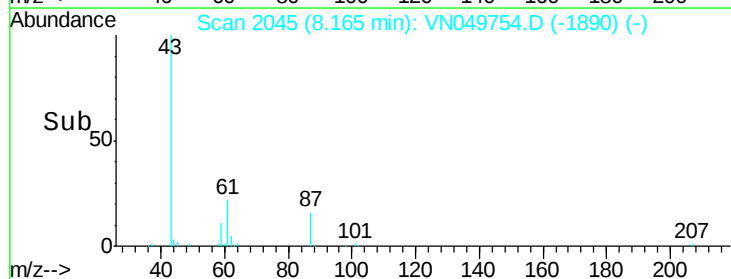
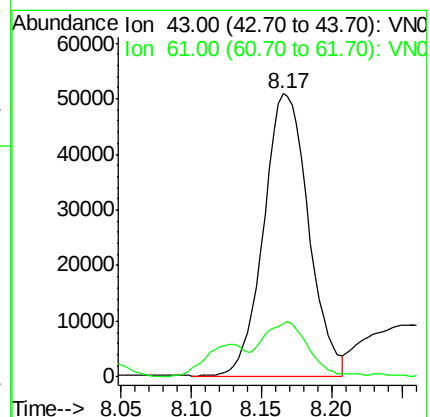
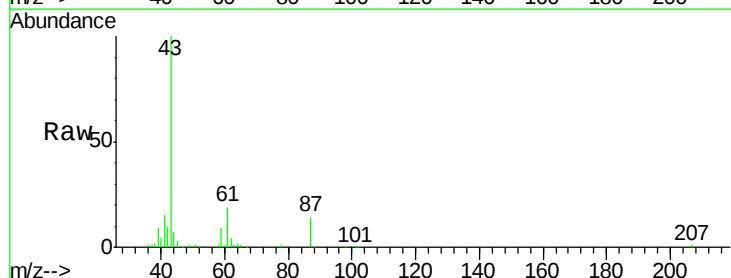
Acq: 11 Jul 2018 10:20

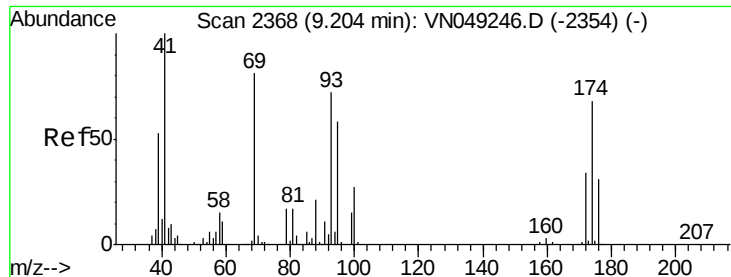
Tgt Ion: 43 Resp: 112245

Ion Ratio Lower Upper

43 100

61 18.8 16.4 24.6





#45

1,4-Dioxane

Concen: 92.27 ug/l

RT: 9.20 min Scan# 2368

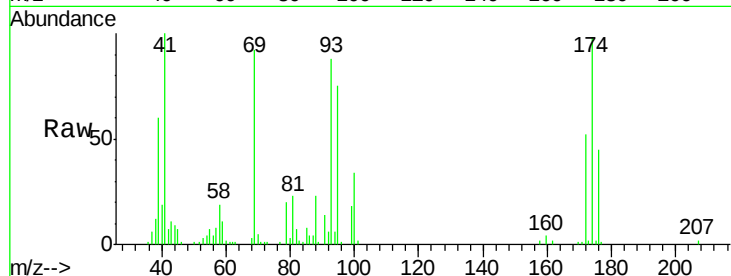
Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

Tot Ion: 88 Resp: 13739

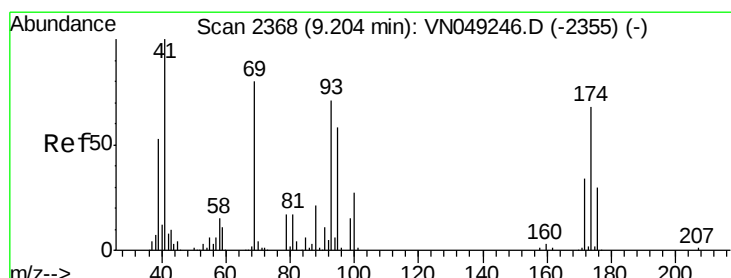
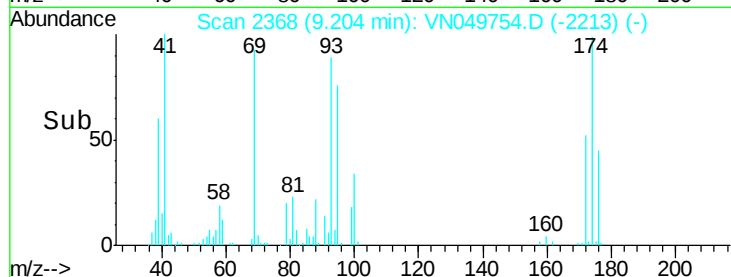
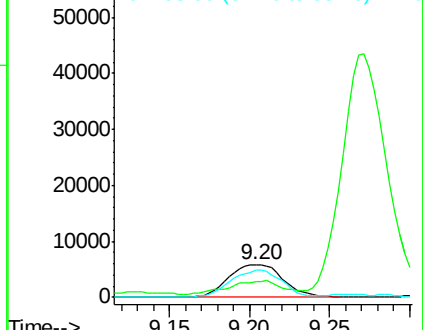
Ion	Ratio	Lower	Upper
88	100		
43	21.6	26.9	40.3#
58	78.1	53.6	80.4



Abundance Ion 88.00 (87.70 to 88.70): VN049246.D (-2354) (-)

Ion 43.00 (42.70 to 43.70): VN049246.D (-2354) (-)

Ion 58.00 (57.70 to 58.70): VN049246.D (-2354) (-)



#46

Methyl methacrylate

Concen: 4.07 ug/l

RT: 9.20 min Scan# 2367

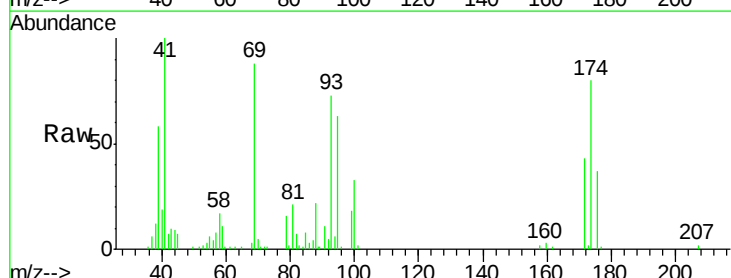
Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

Tgt Ion: 41 Resp: 50392

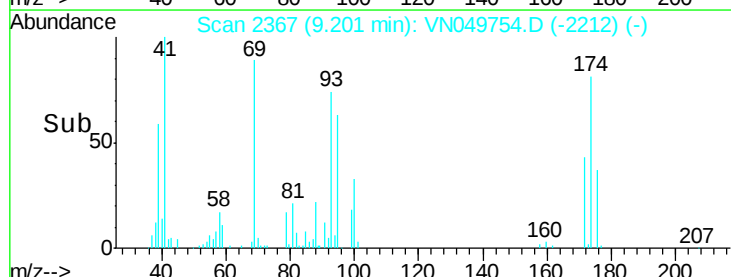
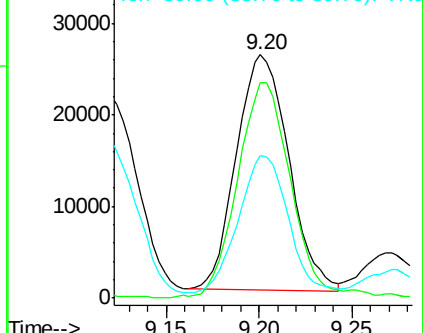
Ion	Ratio	Lower	Upper
41	100		
69	90.7	44.0	132.1
39	58.5	27.0	80.8

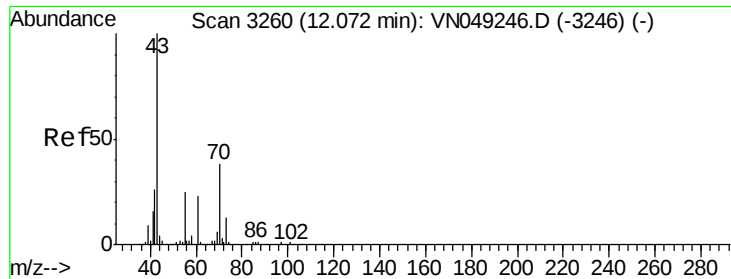


Abundance Ion 41.00 (40.70 to 41.70): VN049246.D (-2354) (-)

Ion 69.00 (68.70 to 69.70): VN049246.D (-2354) (-)

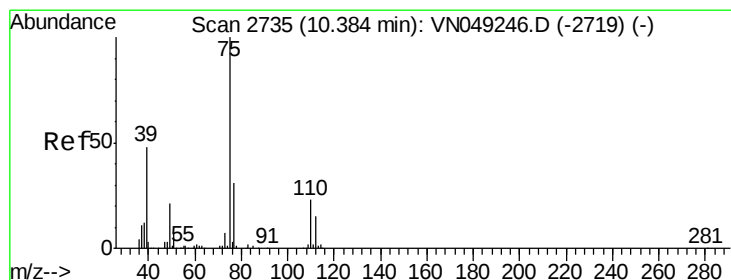
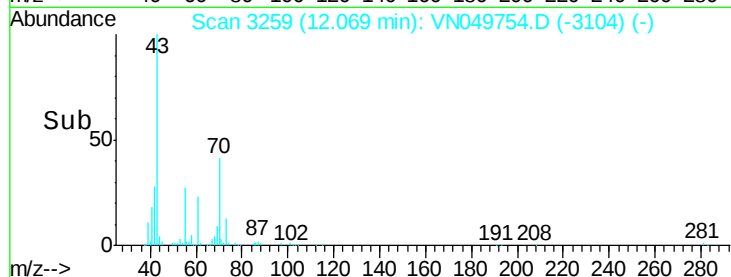
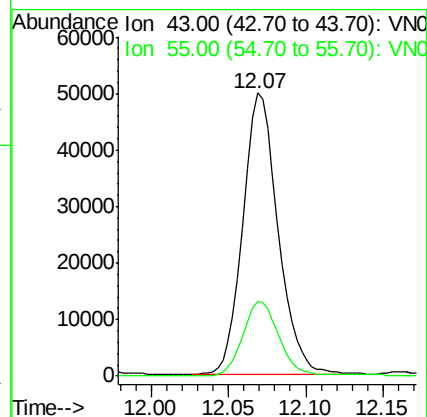
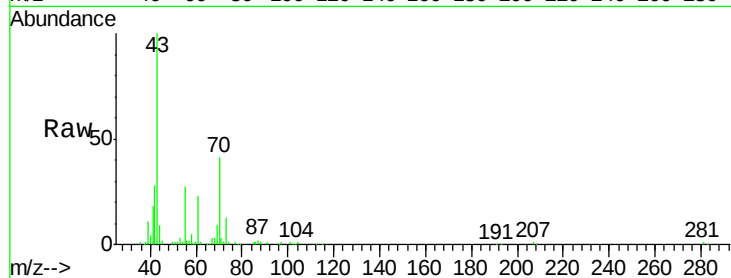
Ion 39.00 (38.70 to 39.70): VN049246.D (-2354) (-)





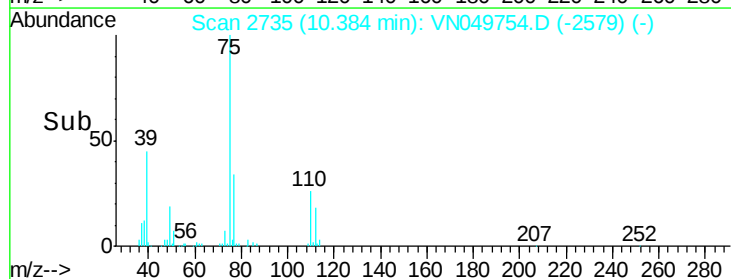
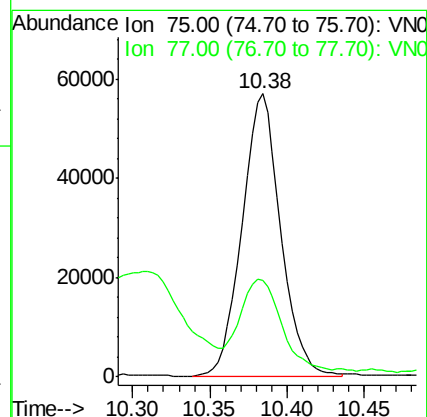
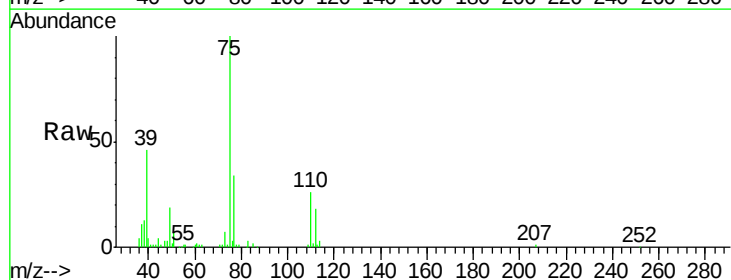
#47
n-amyl Acetate
Concen: 3.78 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

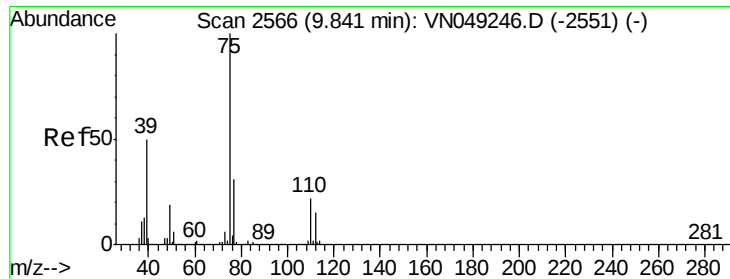
Tot Ion: 43 Resp: 78609
Ion Ratio Lower Upper
43 100
55 27.5 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 4.50 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion: 75 Resp: 99440
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0

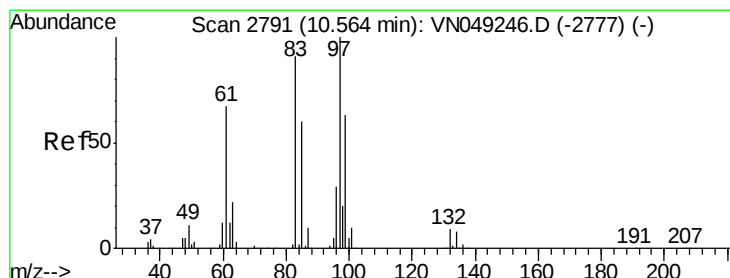
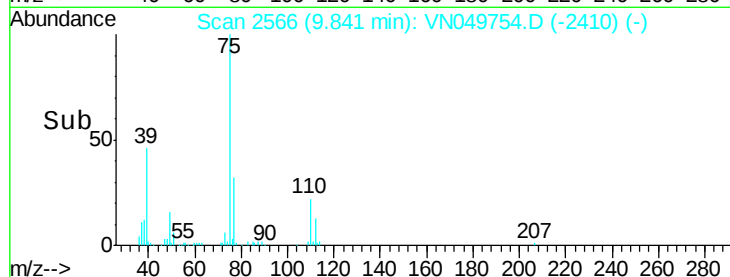
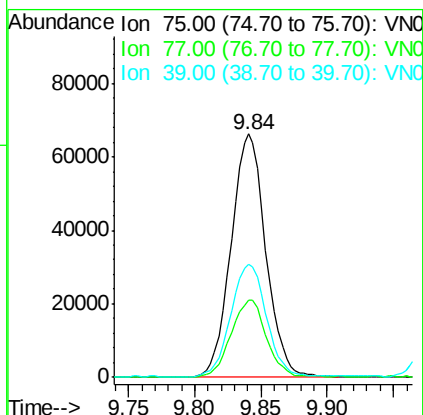
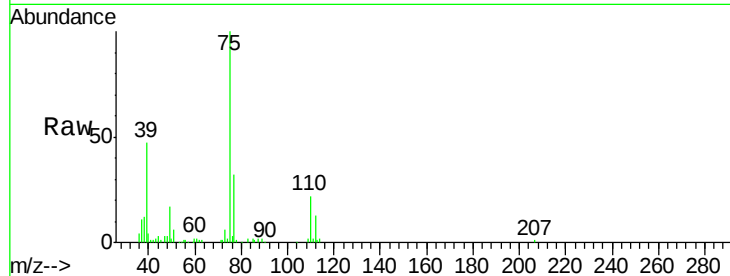




#49

cis-1,3-Dichloropropene
Concen: 4.69 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

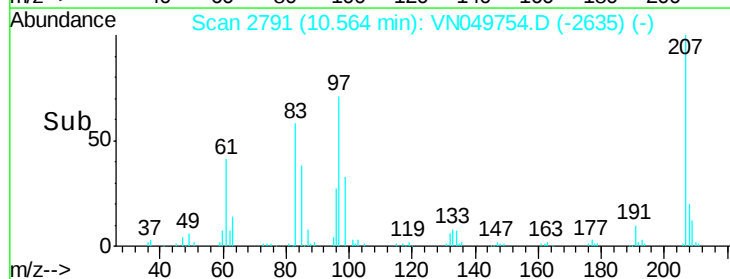
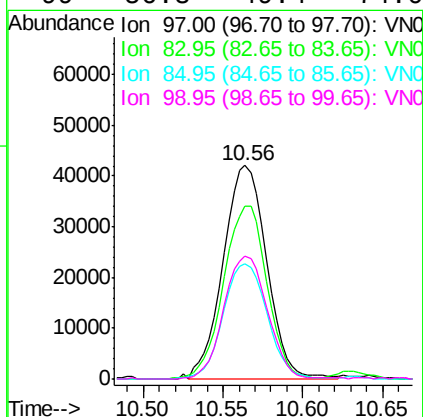
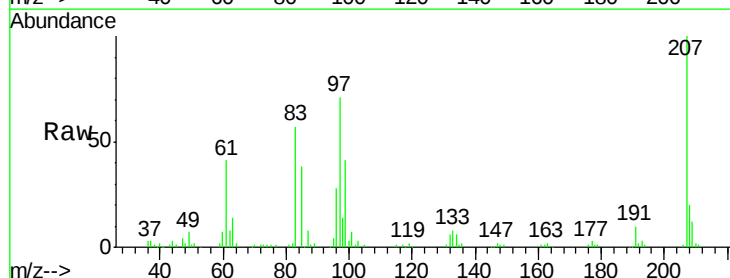
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.7	38.5
39	46.6	36.3	54.5

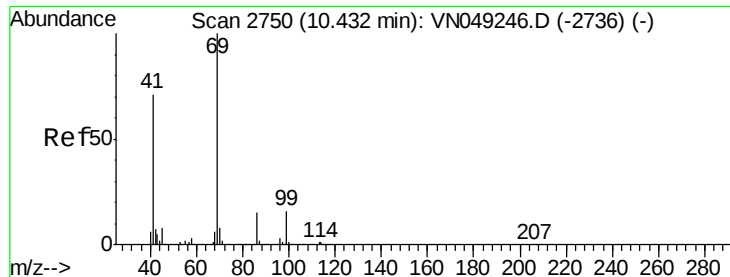


#50

1,1,2-Trichloroethane
Concen: 5.34 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.0	68.1	102.1
85	53.3	45.4	68.2
99	56.8	49.4	74.0





#51

Ethyl methacrylate

Concen: 4.17 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

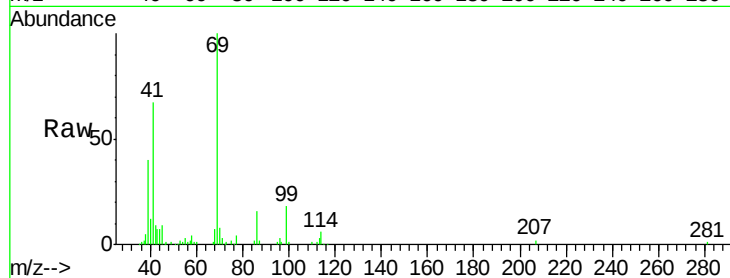
Tot Ion: 69 Resp: 75803

Ion	Ratio	Lower	Upper
69	100		
41	66.4	31.9	95.9
39	38.3	16.7	50.1

69 100

41 66.4 31.9 95.9

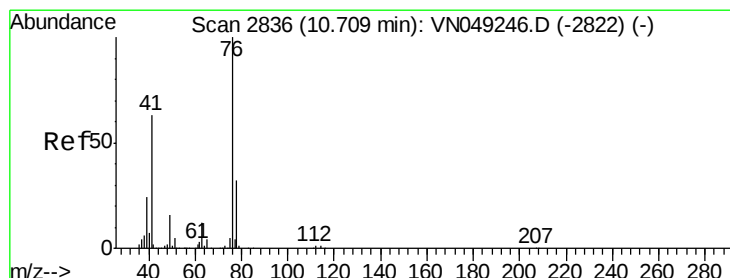
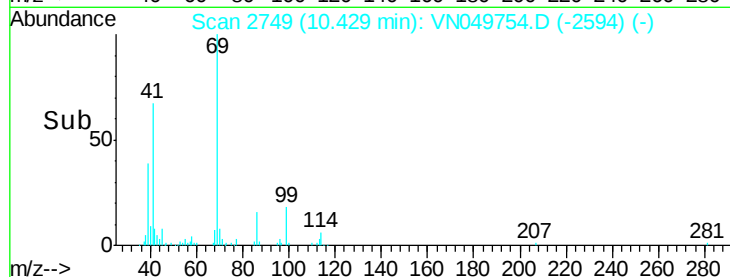
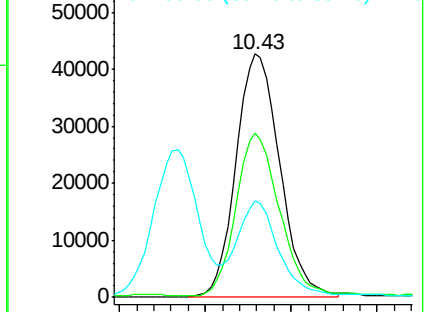
39 38.3 16.7 50.1



Abundance Ion 69.00 (68.70 to 69.70): VN049754.D (-2749) (-)

Ion 41.00 (40.70 to 41.70): VN049754.D (-2749) (-)

Ion 39.00 (38.70 to 39.70): VN049754.D (-2749) (-)



#52

1,3-Dichloropropane

Concen: 4.79 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049754.D

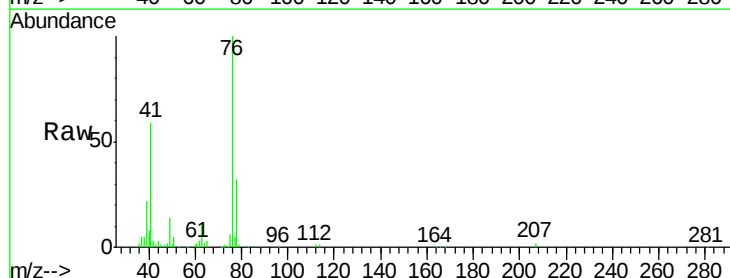
Acq: 11 Jul 2018 10:20

Tgt Ion: 76 Resp: 119065

Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.6

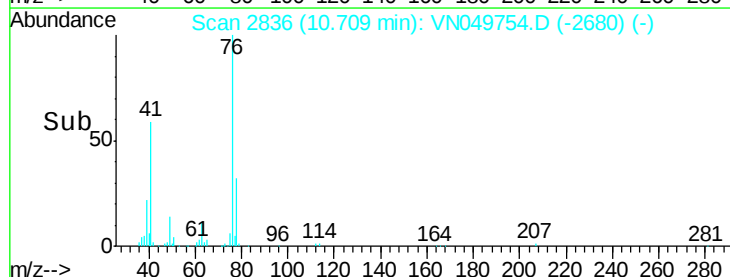
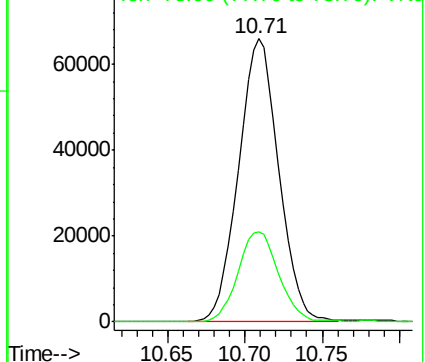
76 100

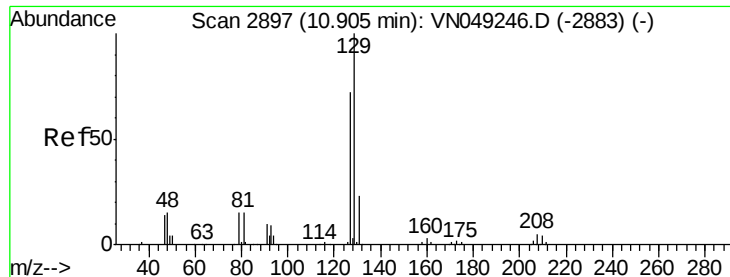
78 32.2 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VN049754.D (-2836) (-)

Ion 78.00 (77.70 to 78.70): VN049754.D (-2836) (-)





#53

Dibromochloromethane

Concen: 5.03 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049754.D

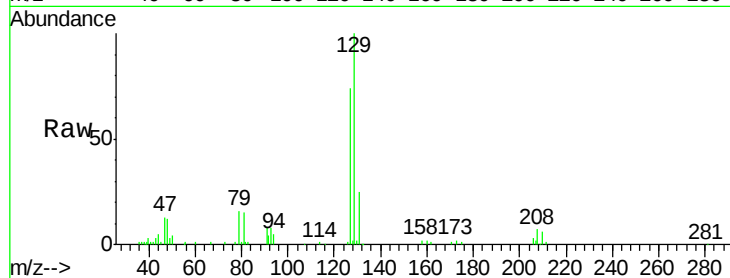
Acq: 11 Jul 2018 10:20

Tot Ion:129 Resp: 81967

Ion Ratio Lower Upper

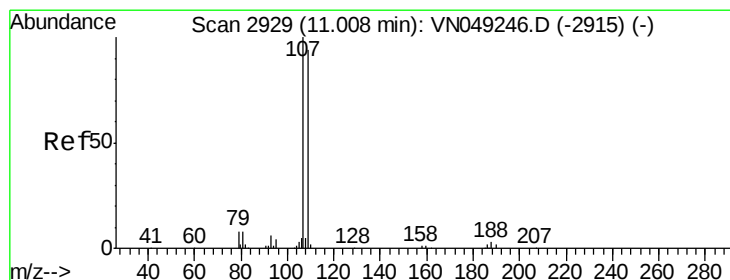
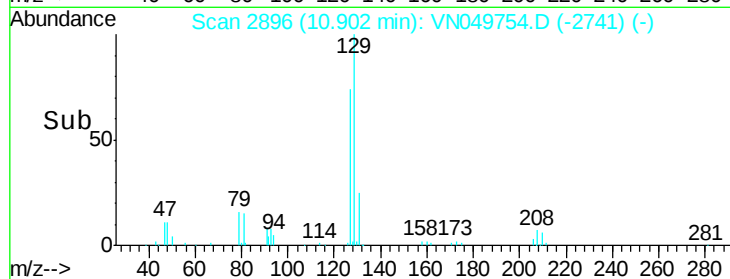
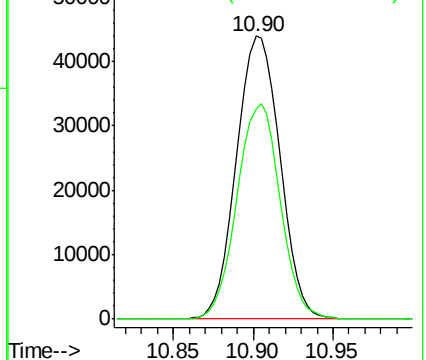
129 100

127 75.3 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: 5.11 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049754.D

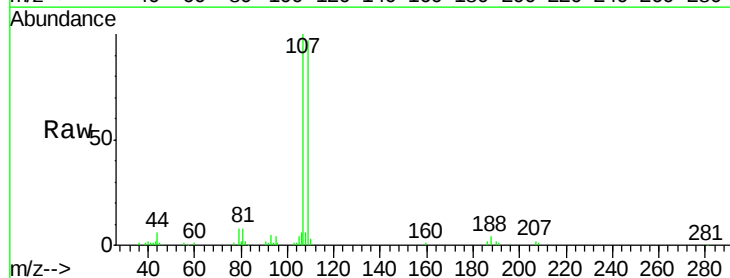
Acq: 11 Jul 2018 10:20

Tgt Ion:107 Resp: 69788

Ion Ratio Lower Upper

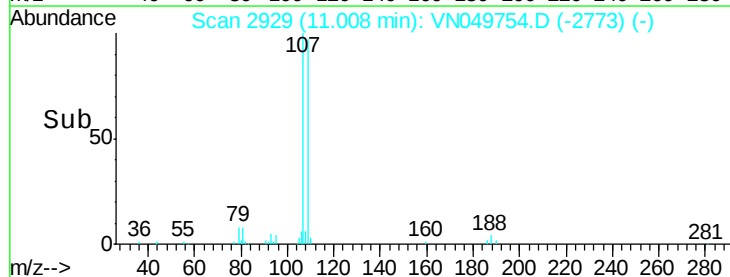
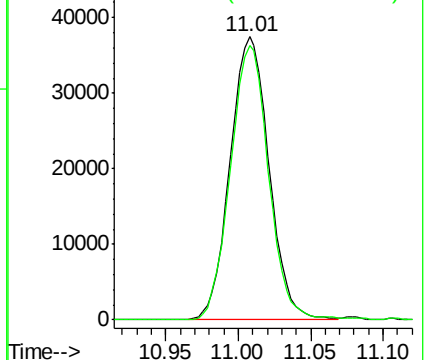
107 100

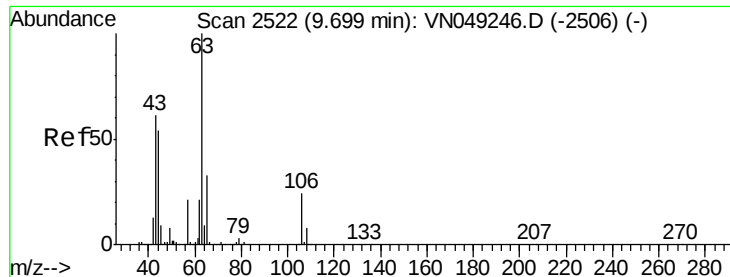
109 94.6 76.2 114.2



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: 28.97 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

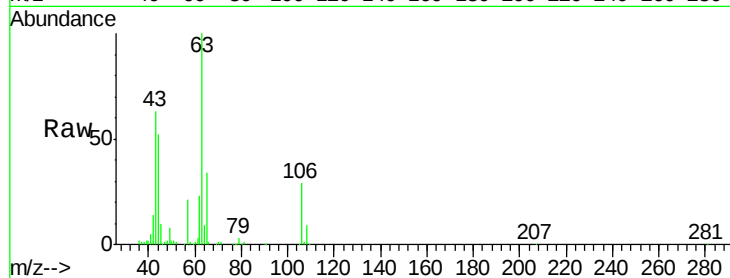
Tot Ion: 63 Resp: 185851

Ion Ratio Lower Upper

63 100

65 32.2 25.5 38.3

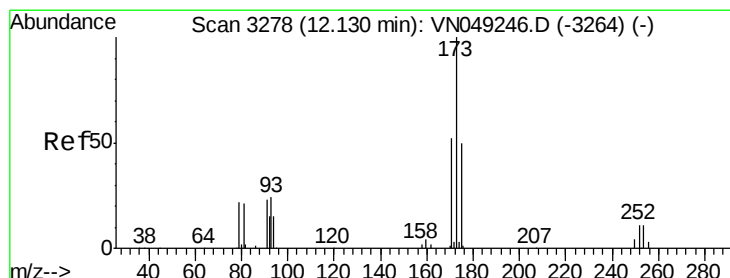
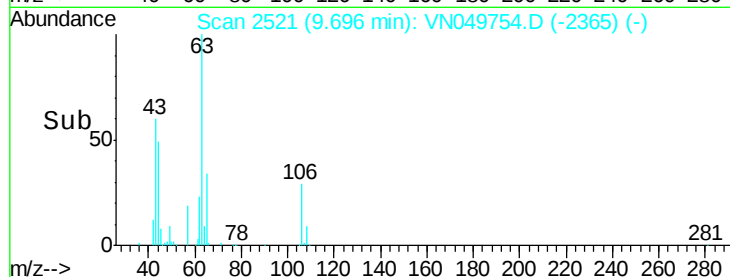
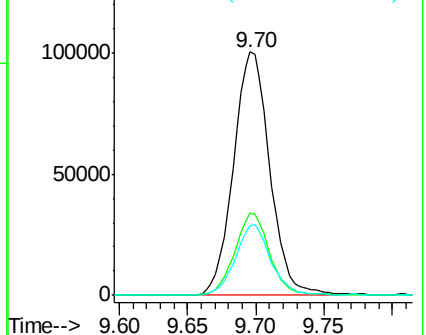
106 28.0 21.8 32.6



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: 4.83 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

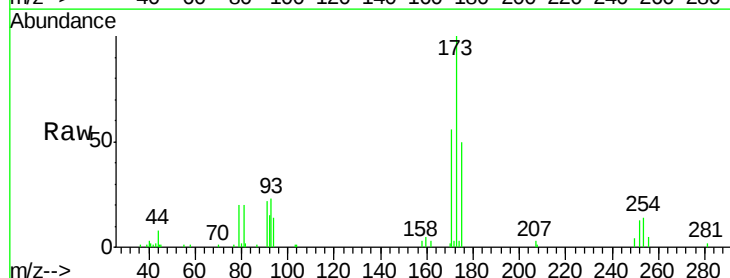
Tgt Ion: 173 Resp: 50669

Ion Ratio Lower Upper

173 100

175 51.6 38.6 57.8

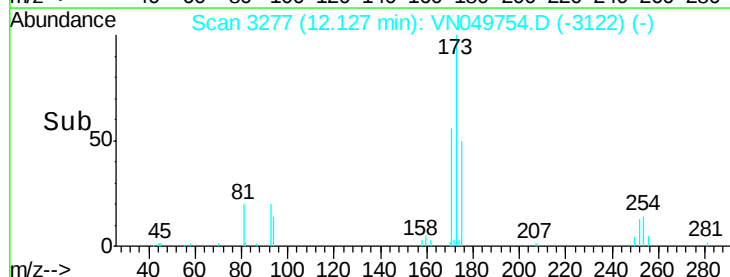
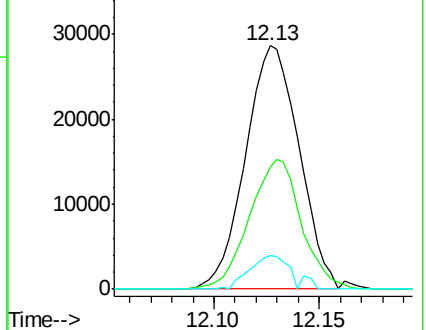
254 9.7 8.8 13.2

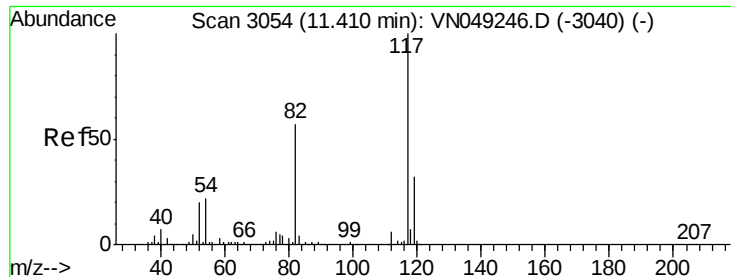


Abundance Ion 173.00 (172.70 to 173.70): VN049246.D (-3264) (-)

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

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

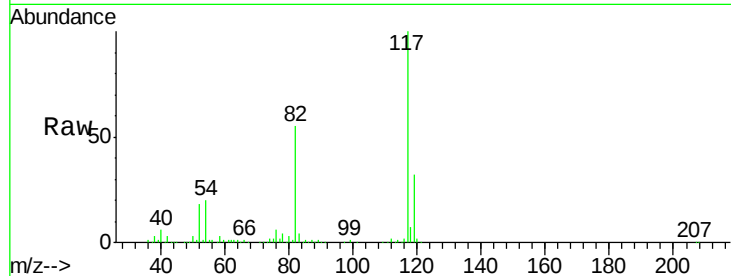




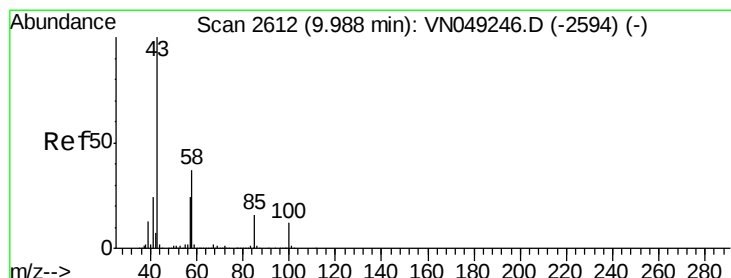
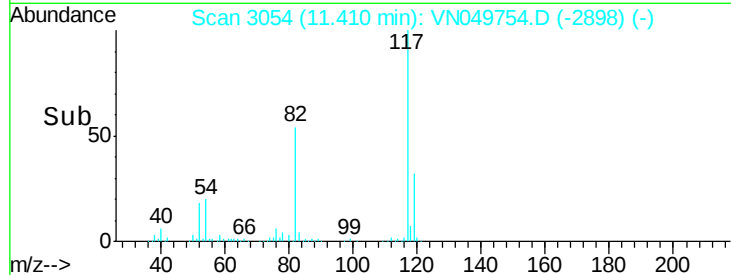
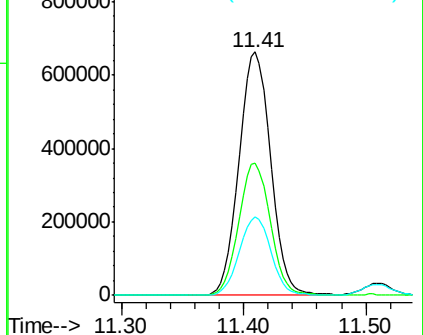
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tot Ion:117 Resp: 1191021

Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.4	63.6
119	32.1	25.4	38.0



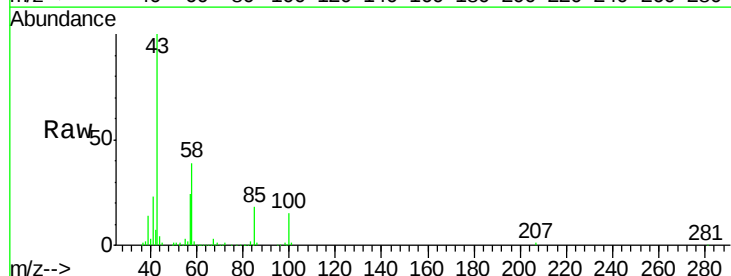
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 119.00 (118.70 to 119.70): V



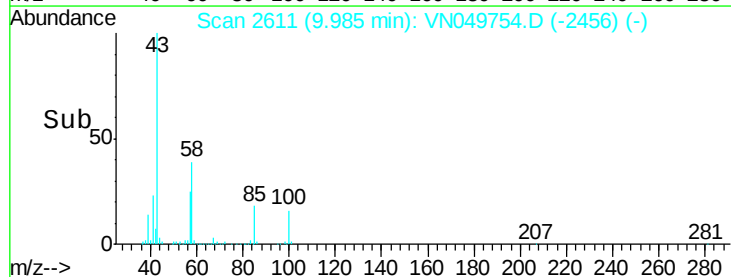
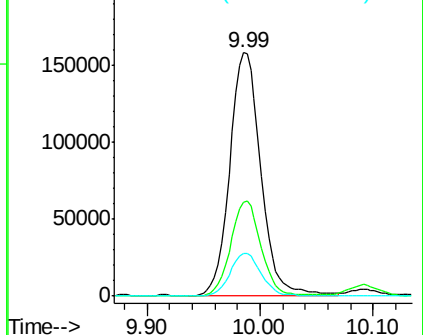
#58
4-Methyl-2-Pentanone
Concen: 22.45 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

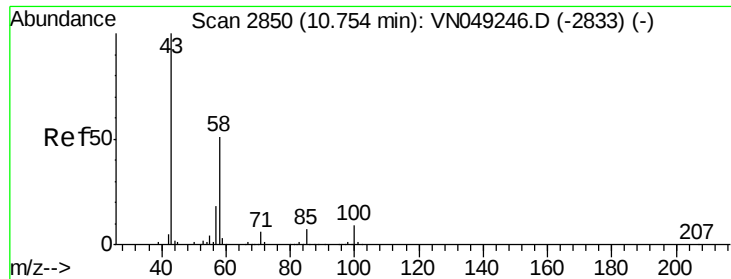
Tgt Ion: 43 Resp: 301958

Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.2	46.8
85	17.7	14.4	21.6



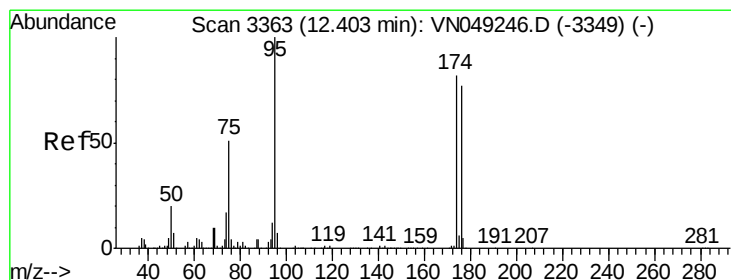
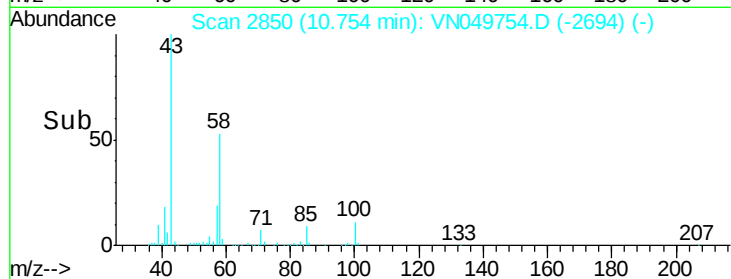
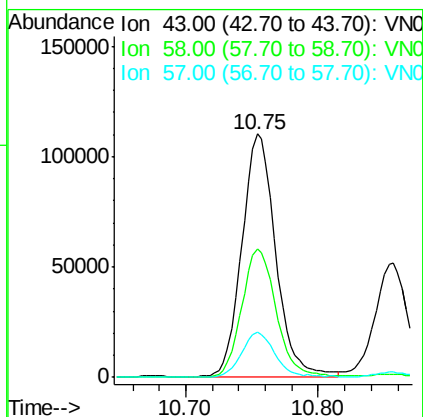
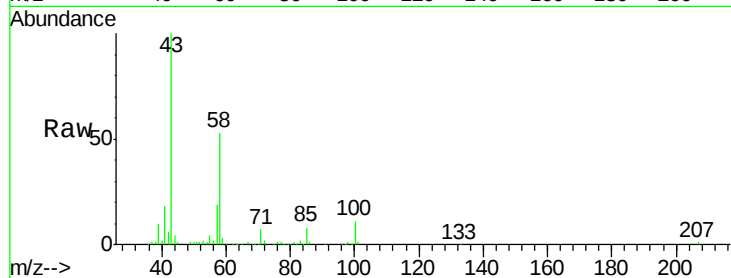
Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO
Ion 85.00 (84.70 to 85.70): VNO





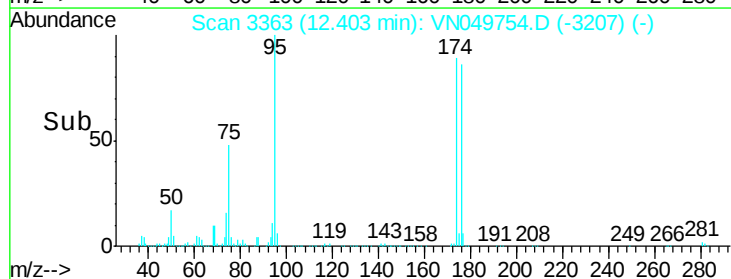
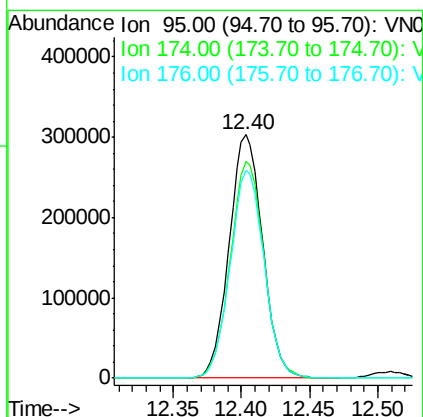
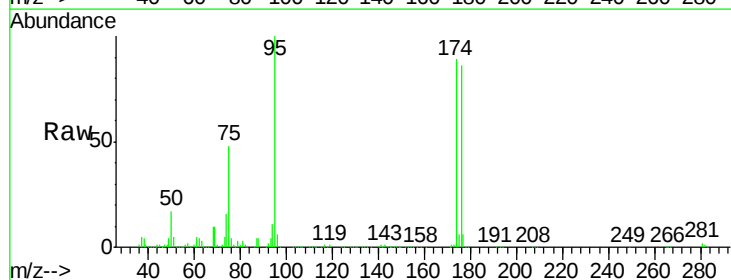
#59
2-Hexanone
Concen: 22.83 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

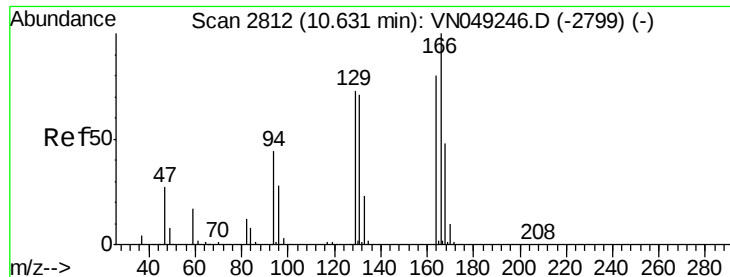
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.8	65.8
57	18.1	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 27.65 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	72.3	108.5
176	86.4	70.0	105.0





#61

Tetrachloroethene

Concen: 4.93 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

Tot Ion:164 Resp: 76685

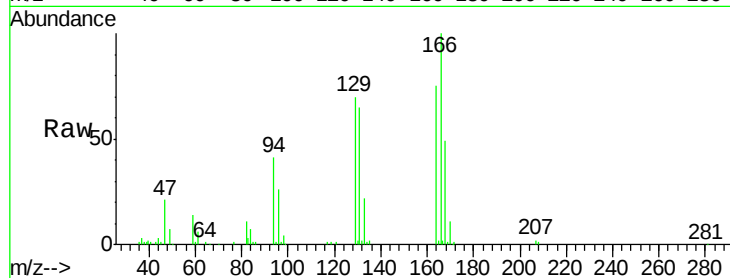
Ion Ratio Lower Upper

164 100

166 133.3 100.0 150.0

129 93.5 69.3 103.9

131 87.0 68.8 103.2

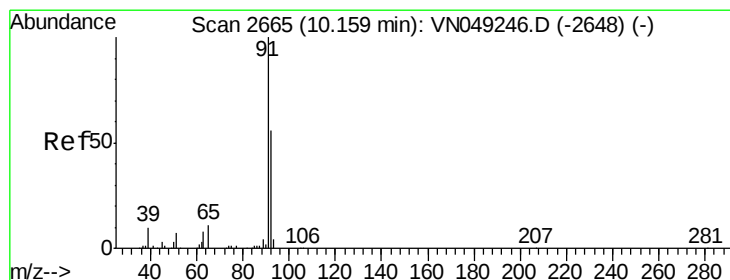
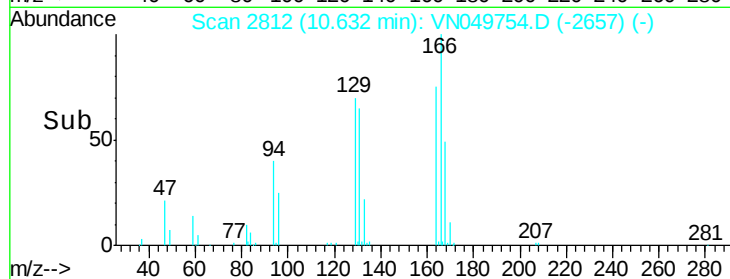
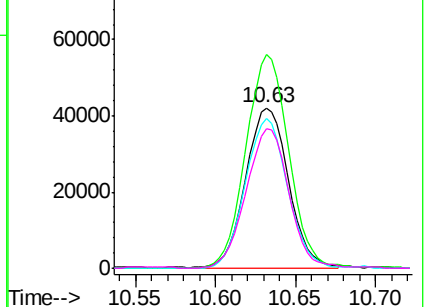


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 4.99 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049754.D

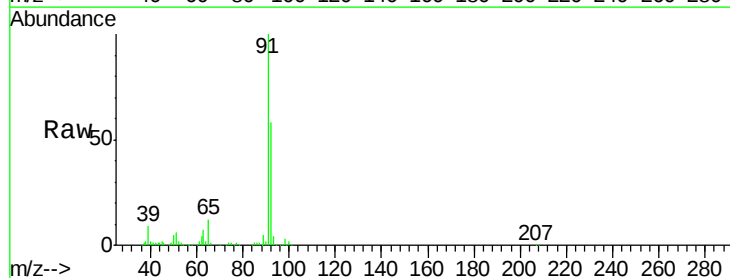
Acq: 11 Jul 2018 10:20

Tgt Ion: 91 Resp: 344416

Ion Ratio Lower Upper

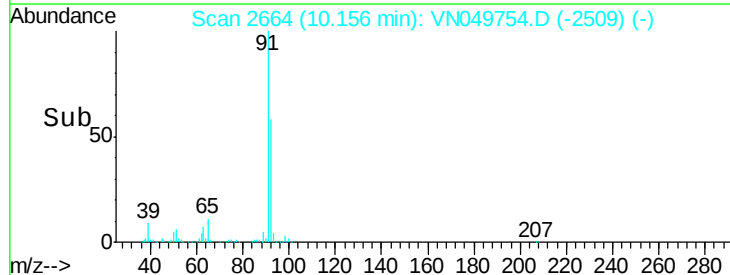
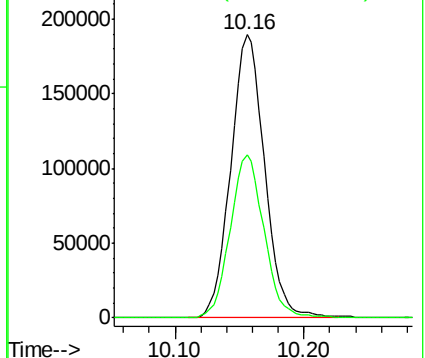
91 100

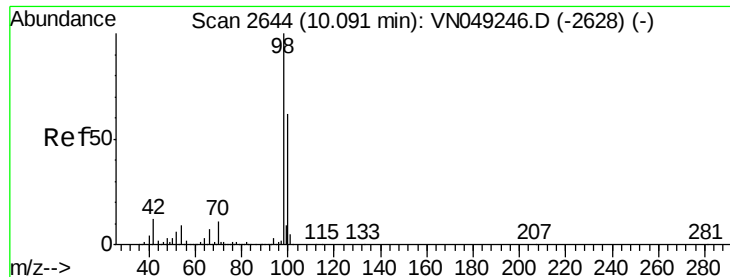
92 57.4 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.69 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049754.D

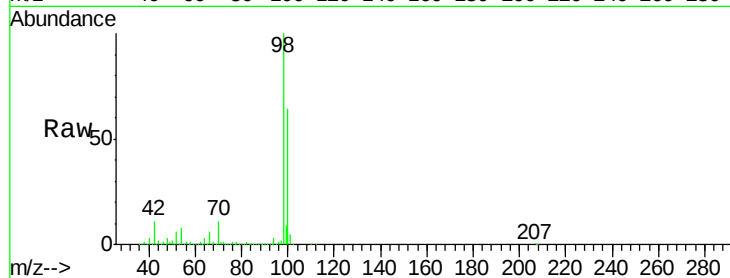
Acq: 11 Jul 2018 10:20

Tot Ion: 98 Resp: 1696280

Ion Ratio Lower Upper

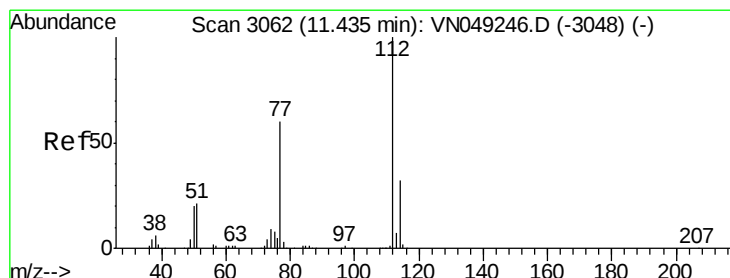
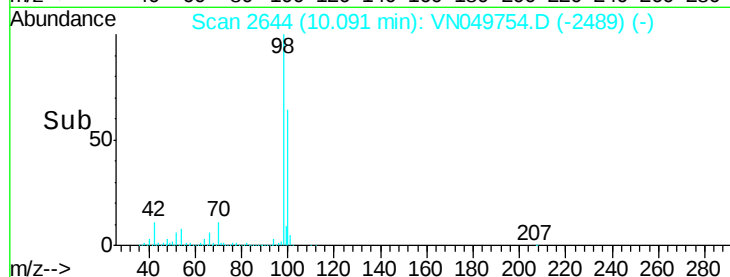
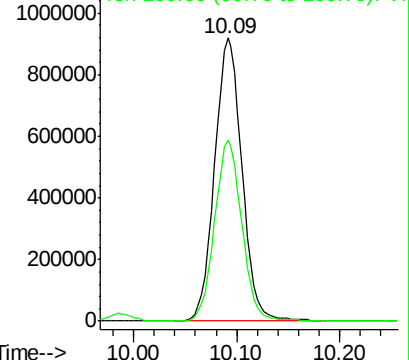
98 100

100 63.5 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: 5.15 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049754.D

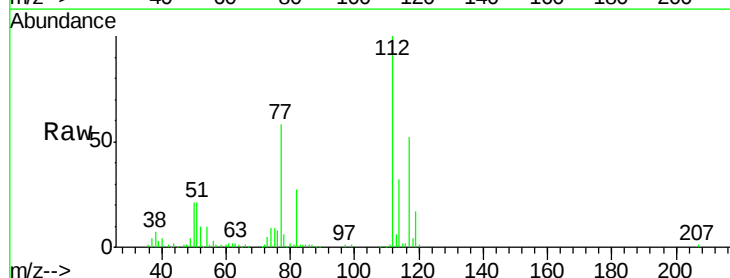
Acq: 11 Jul 2018 10:20

Tgt Ion: 112 Resp: 210153

Ion Ratio Lower Upper

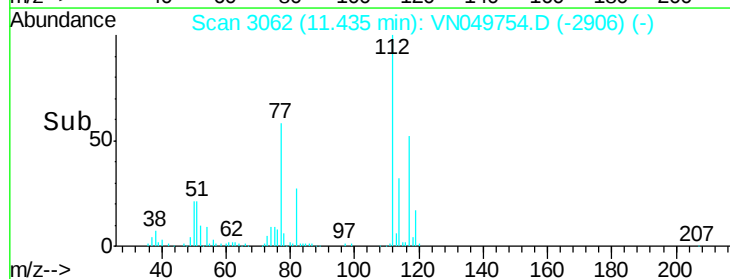
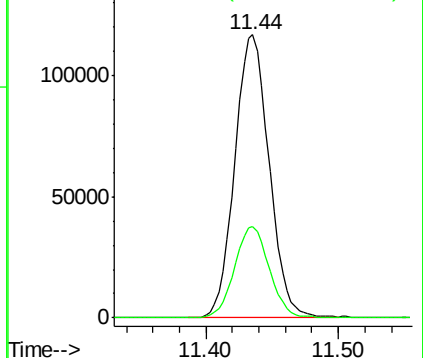
112 100

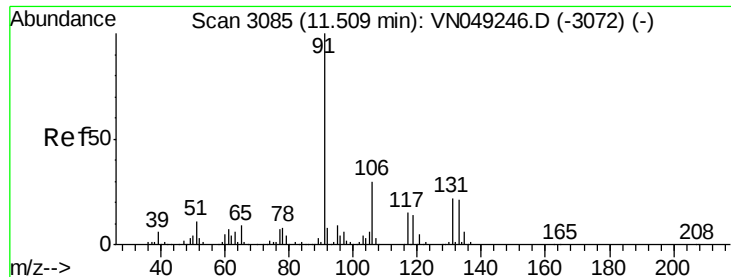
114 32.4 26.2 39.2



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: 5.33 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

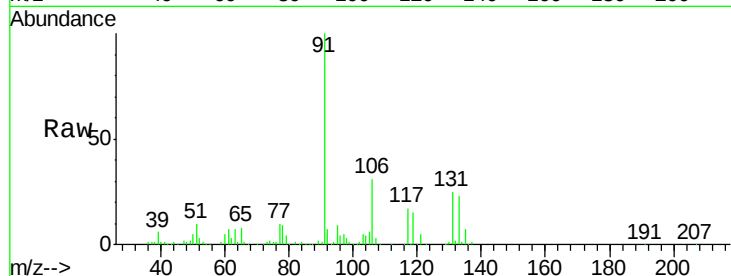
Tot Ion:131 Resp: 81836

Ion Ratio Lower Upper

131 100

133 92.3 0.0 190.0

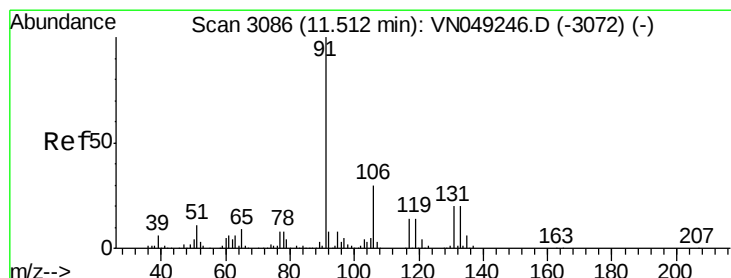
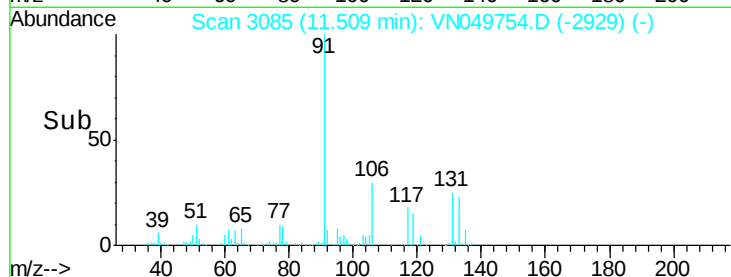
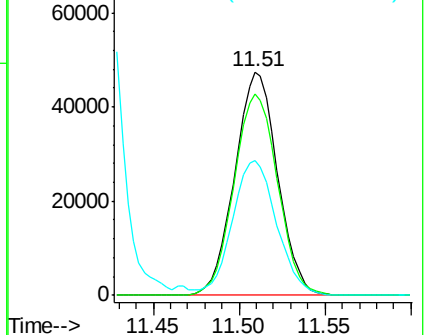
119 62.6 0.0 131.6



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: 4.57 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049754.D

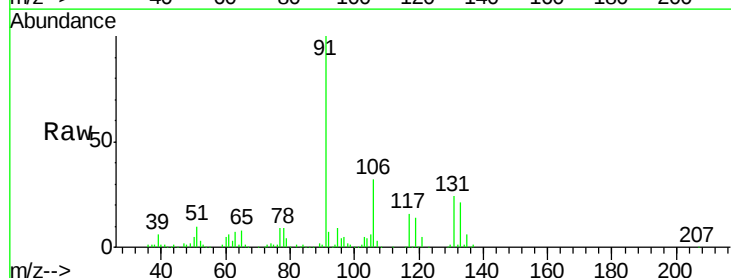
Acq: 11 Jul 2018 10:20

Tgt Ion: 91 Resp: 327738

Ion Ratio Lower Upper

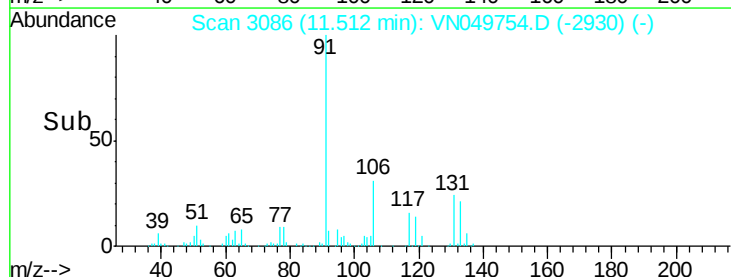
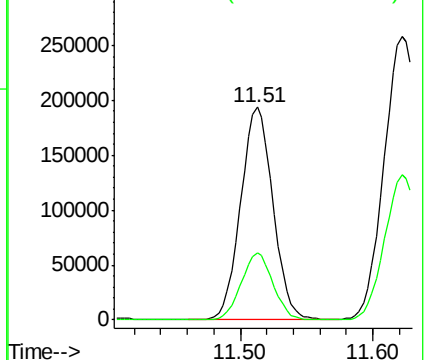
91 100

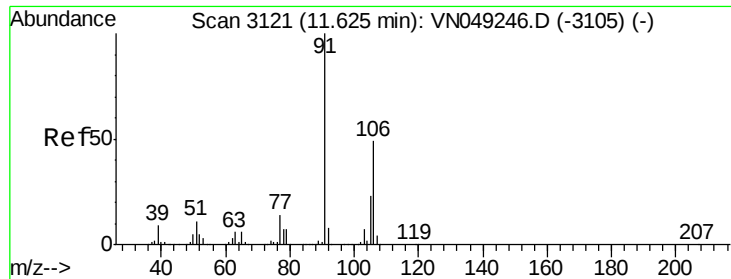
106 31.6 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

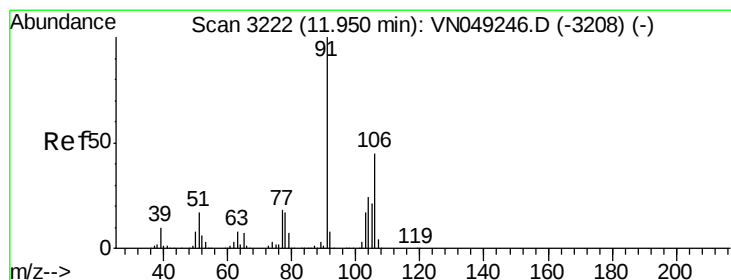
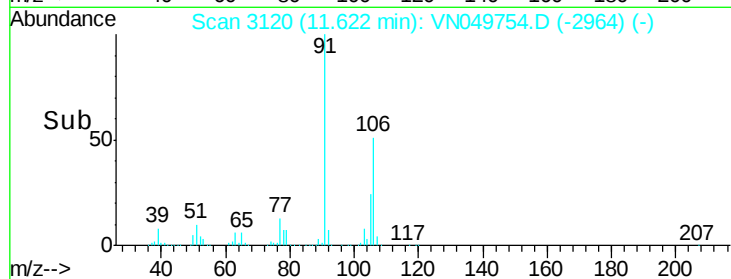
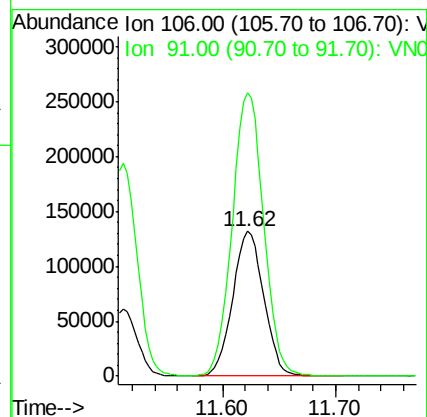
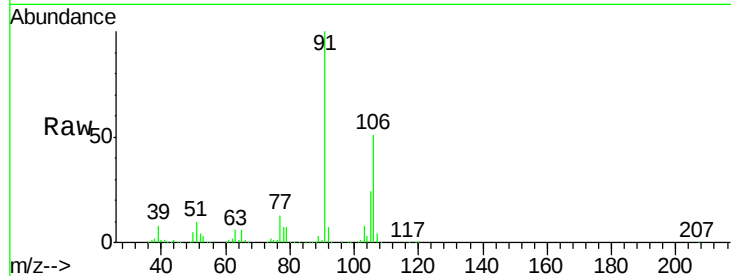
Ion 106.00 (105.70 to 106.70): V





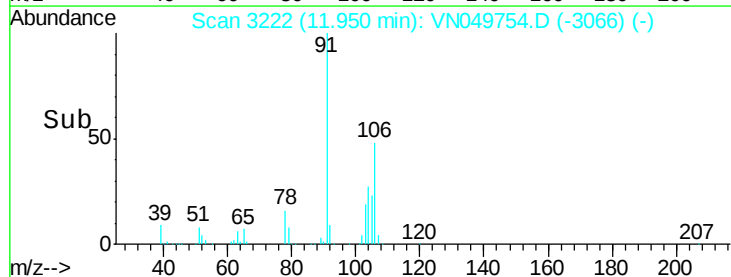
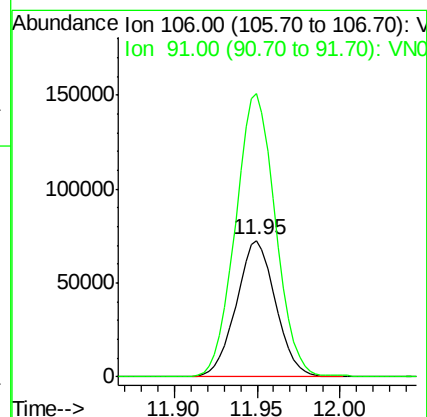
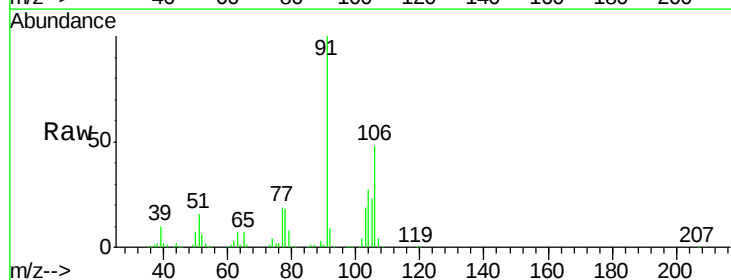
#67
m/p-Xylenes
Concen: 9.42 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

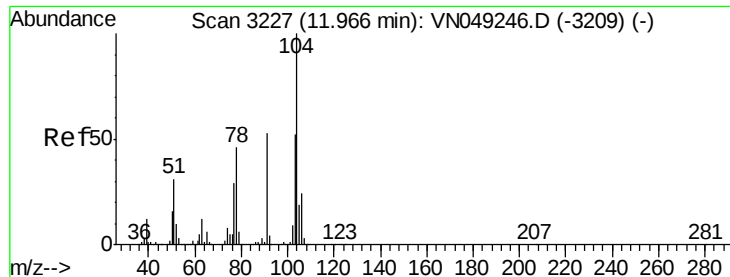
Tot Ion:106 Resp: 252996
Ion Ratio Lower Upper
106 100
91 196.7 162.5 243.7



#68
o-Xylene
Concen: 4.60 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

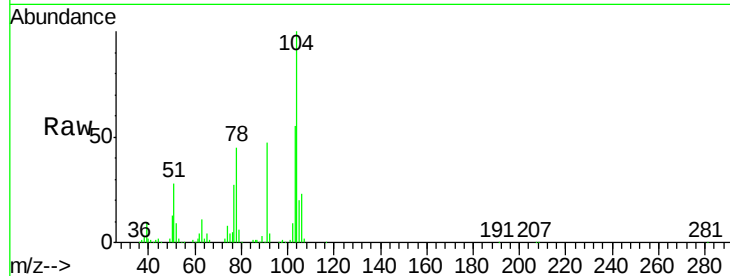
Tgt Ion:106 Resp: 119752
Ion Ratio Lower Upper
106 100
91 211.3 106.8 320.4



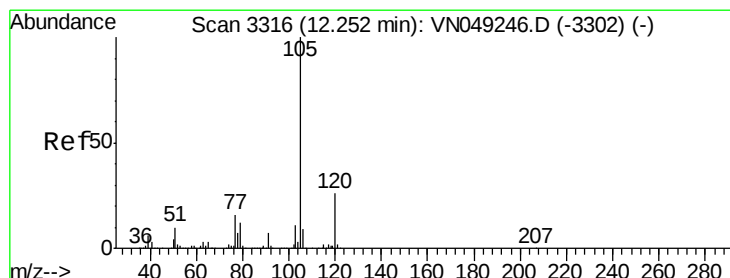
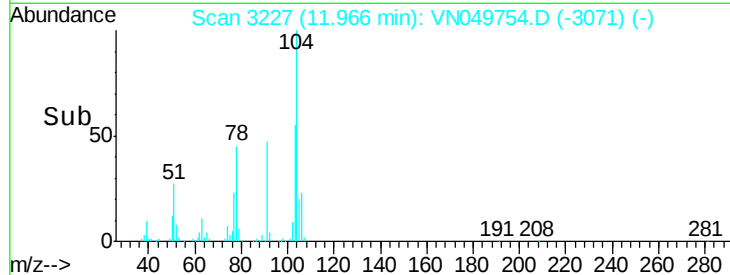
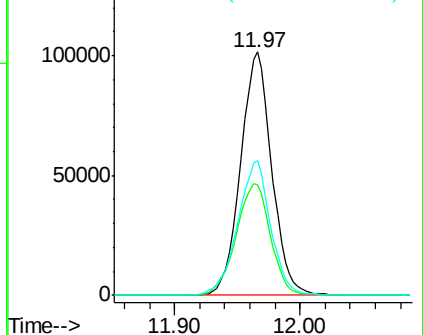


#69
Stvrene
Concen: 4.23 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tot Ion:104 Resp: 175579
Ion Ratio Lower Upper
104 100
78 50.7 39.3 58.9
103 58.3 44.5 66.7

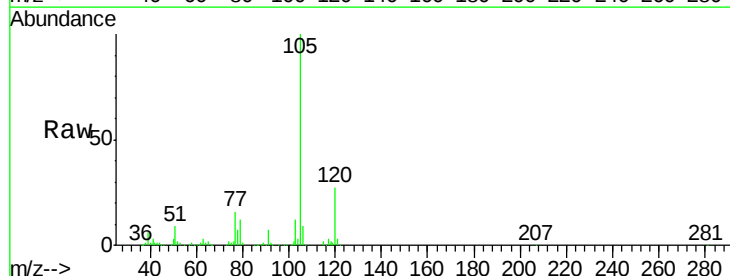


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

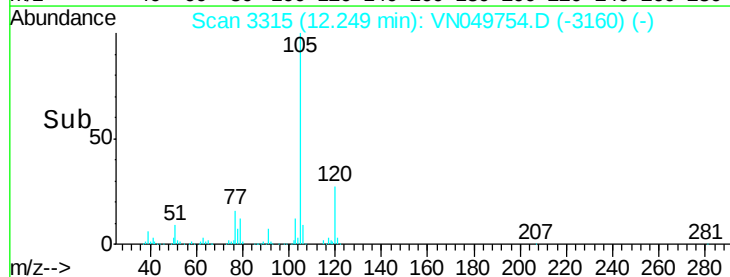
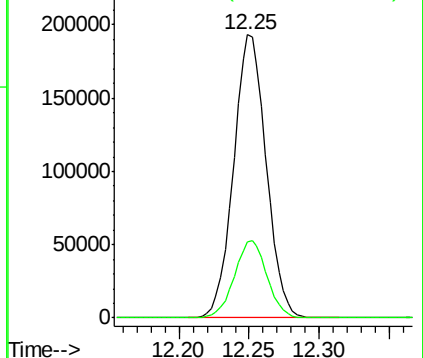


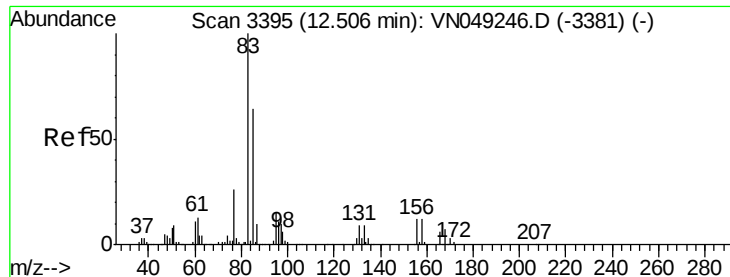
#70
Isopropylbenzene
Concen: 4.53 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion:105 Resp: 312589
Ion Ratio Lower Upper
105 100
120 27.3 18.9 35.1



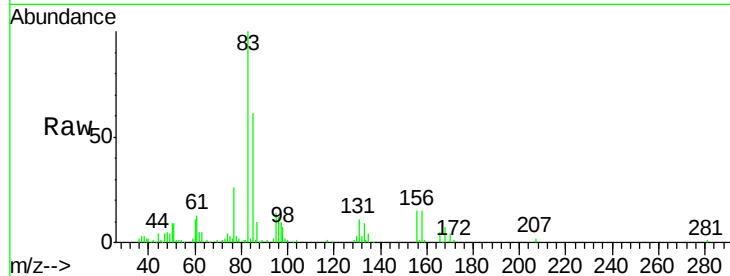
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.31 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

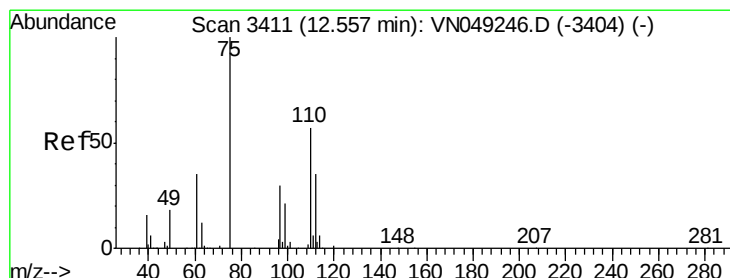
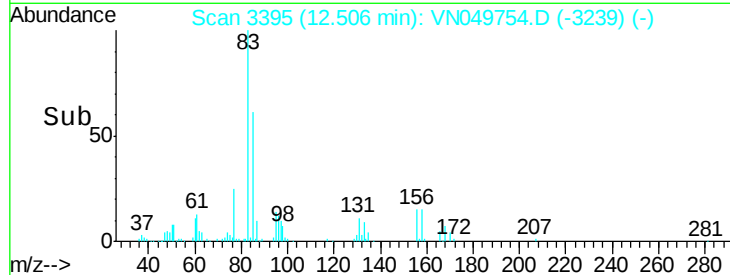
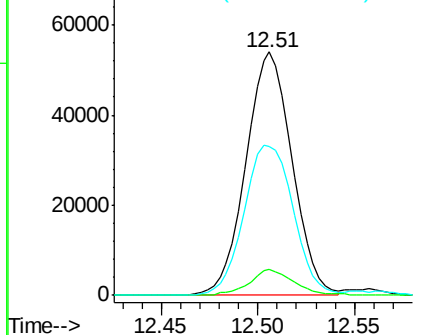
Tot Ion	83	Resp	89843
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	65.9	31.7	95.1



Abundance Ion 83.00 (82.70 to 83.70): VN049754.D (-3239) (-)

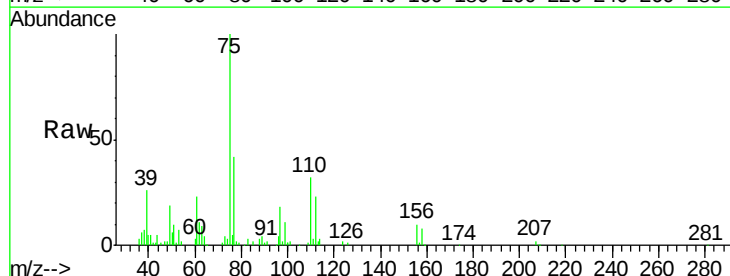
Ion 131.00 (130.70 to 131.70): VN049754.D (-3239) (-)

Ion 85.00 (84.70 to 85.70): VN049754.D (-3239) (-)



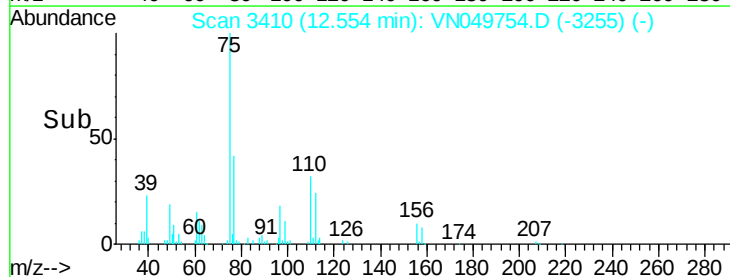
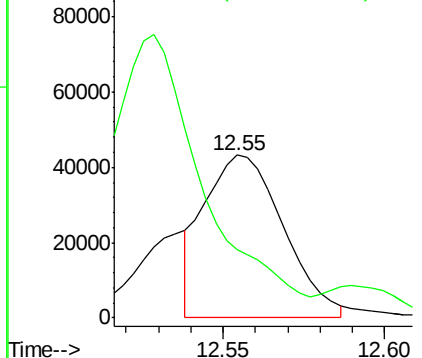
#72
 1,2,3-Trichloropropane
 Concen: 5.36 ug/l m
 RT: 12.55 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

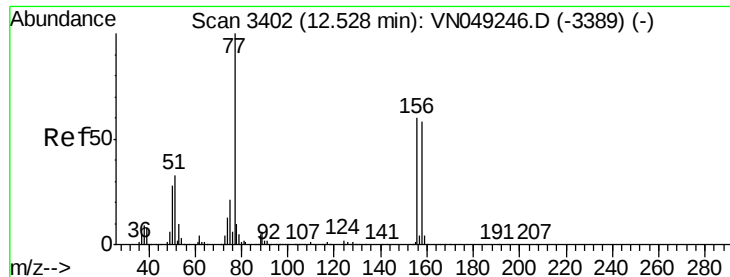
Tgt Ion	75	Resp	73421
Ion Ratio	Lower	Upper	
75	100		
77	211.1	0.0	454.4



Abundance Ion 75.00 (74.70 to 75.70): VN049754.D (-3255) (-)

Ion 77.00 (76.70 to 77.70): VN049754.D (-3255) (-)





#73

Bromobenzene

Concen: 5.21 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

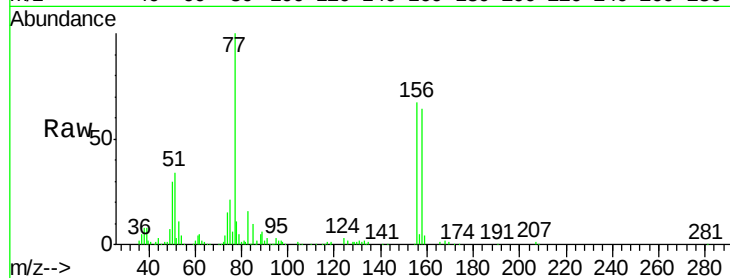
Tot Ion:156 Resp: 87333

Ion Ratio Lower Upper

156 100

77 177.5 0.0 359.8

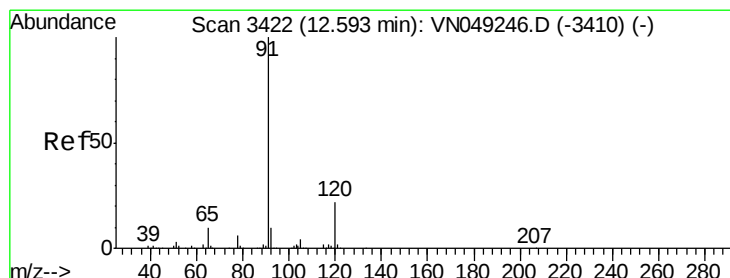
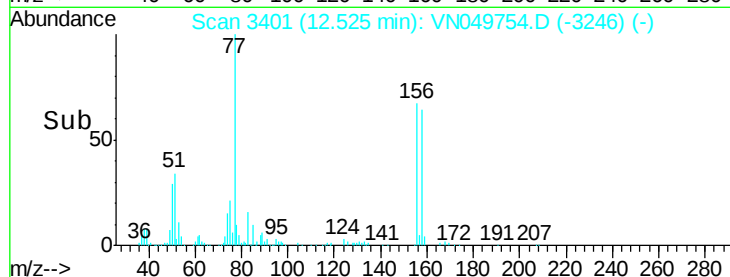
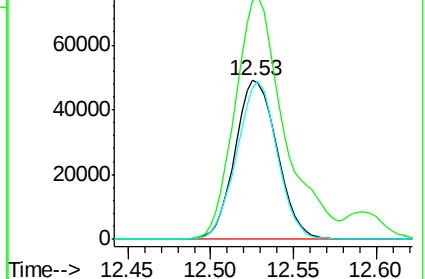
158 94.9 0.0 192.8



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: 4.58 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049754.D

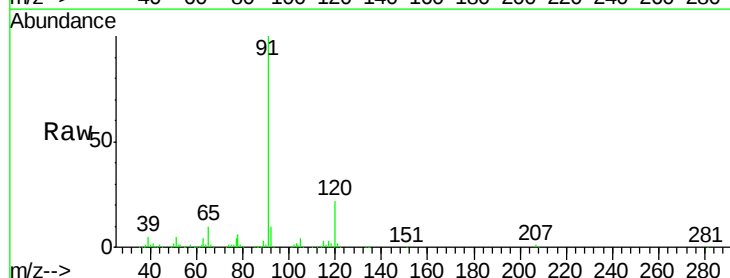
Acq: 11 Jul 2018 10:20

Tgt Ion: 91 Resp: 365662

Ion Ratio Lower Upper

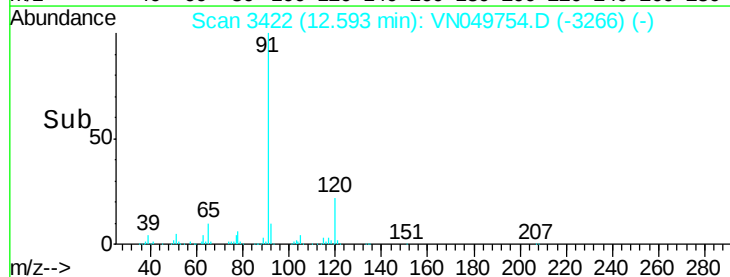
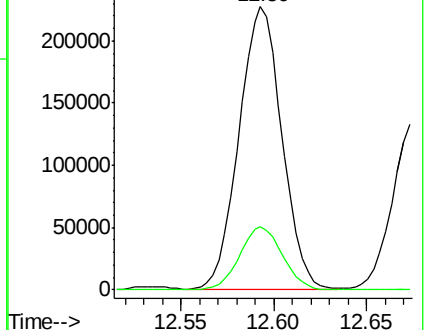
91 100

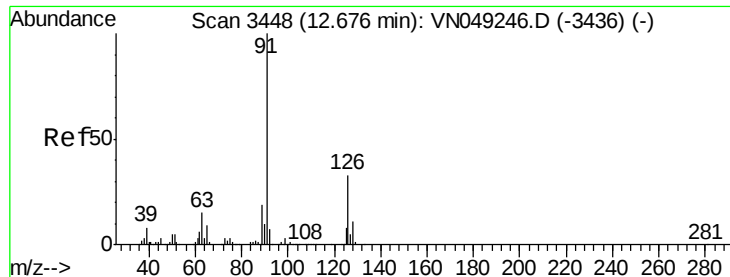
120 22.1 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 4.70 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049754.D

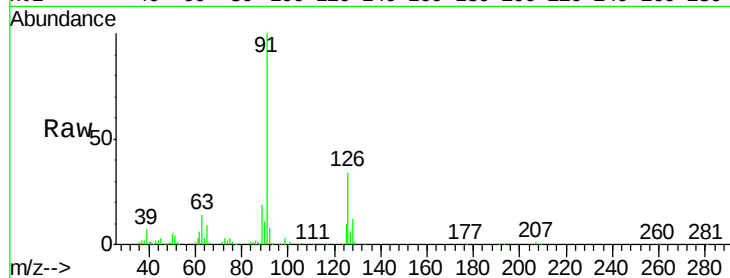
Acq: 11 Jul 2018 10:20

Tot Ion: 91 Resp: 228319

Ion Ratio Lower Upper

91 100

126 34.6 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) (-)

150000

100000

50000

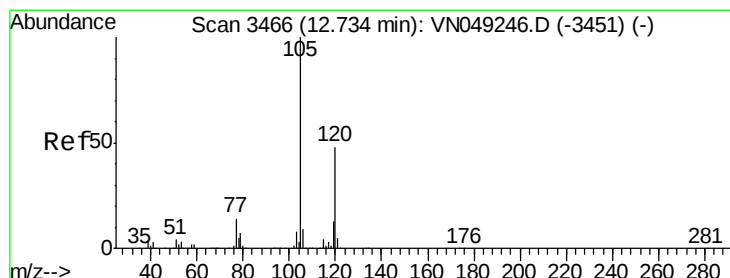
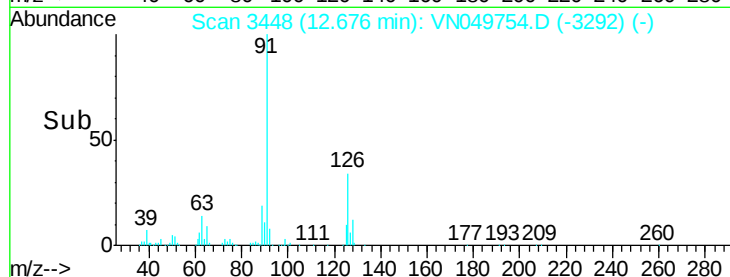
0

12.68

12.65

12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 4.53 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049754.D

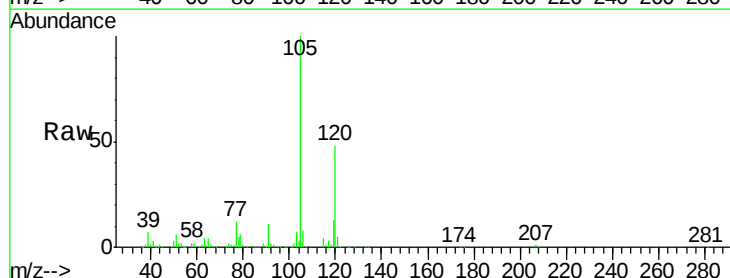
Acq: 11 Jul 2018 10:20

Tgt Ion: 105 Resp: 253570

Ion Ratio Lower Upper

105 100

120 48.3 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) (-)

150000

100000

50000

0

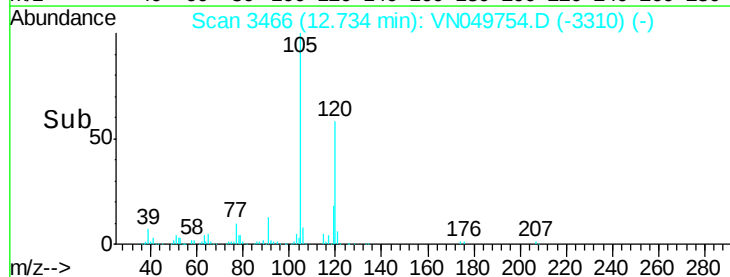
12.73

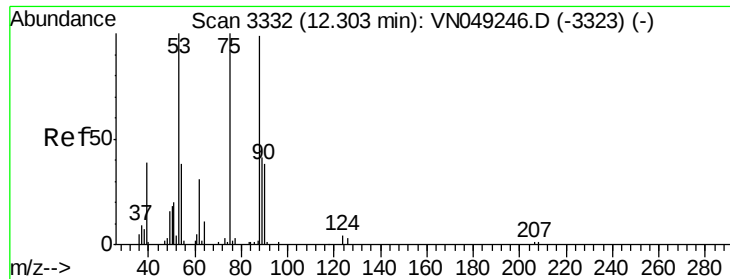
12.70

12.75

12.80

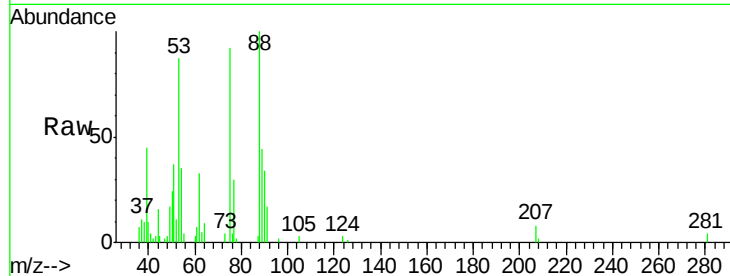
Time-->



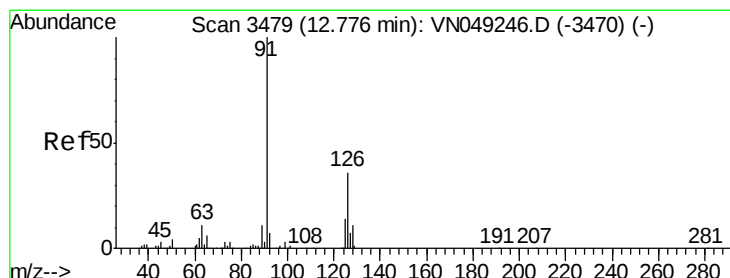
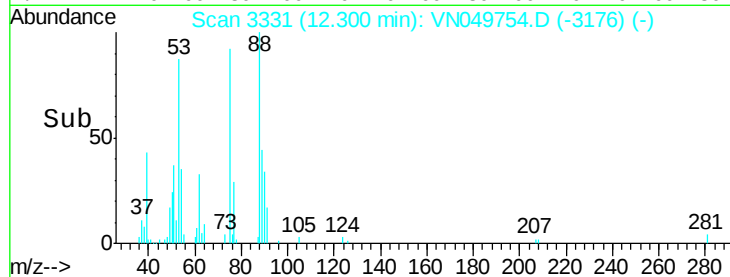
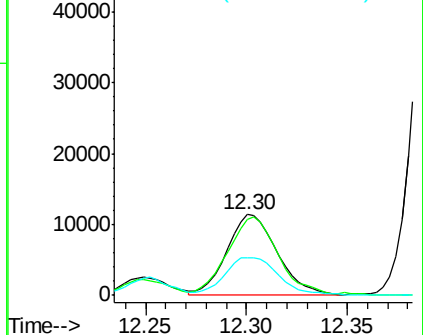


#77
t-1,4-Dichloro-2-butene
Concen: 4.48 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tot Ion: 75 Resp: 19905
Ion Ratio Lower Upper
75 100
53 92.0 44.6 134.0
89 46.1 20.7 62.1

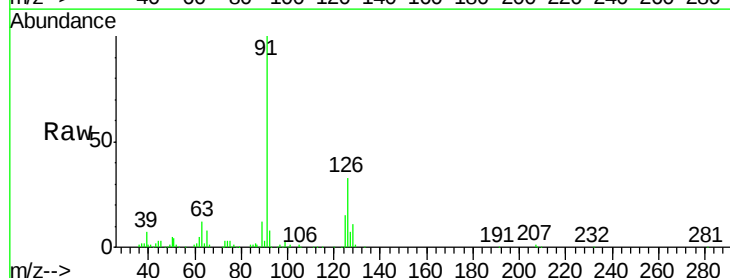


Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0

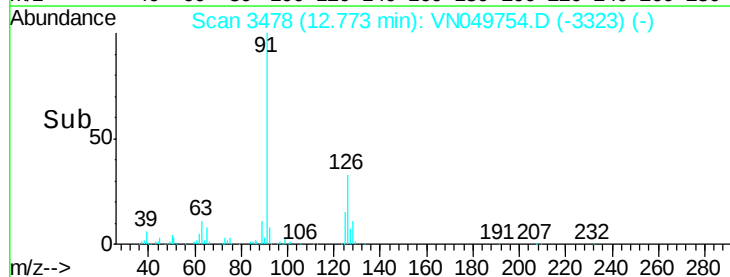
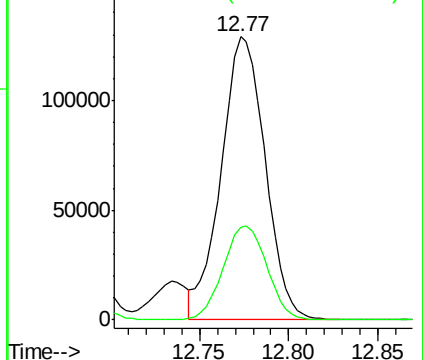


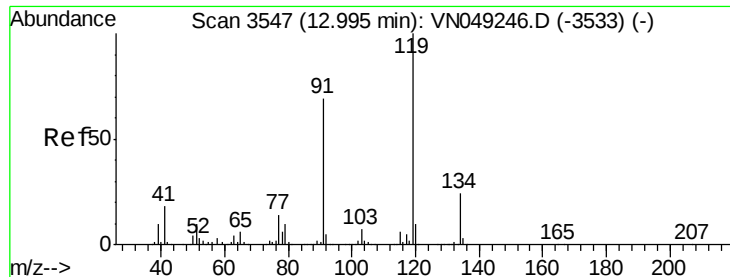
#78
4-Chlorotoluene
Concen: 4.68 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion: 91 Resp: 221545
Ion Ratio Lower Upper
91 100
126 33.1 0.0 68.4



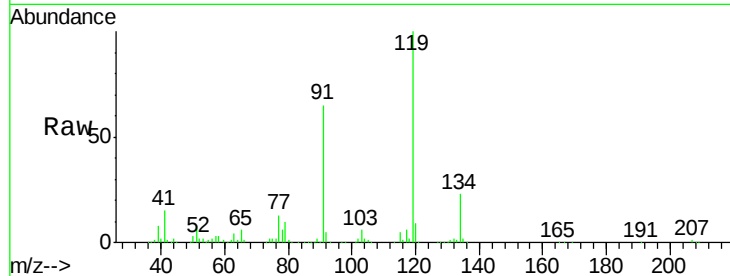
Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V



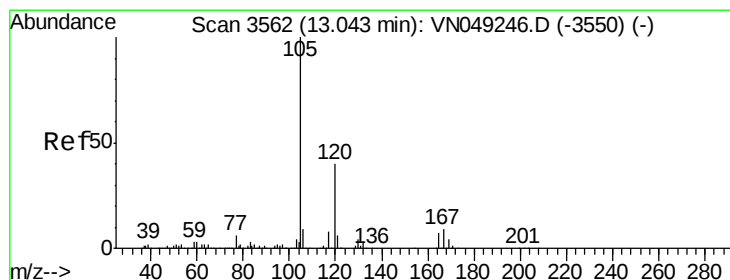
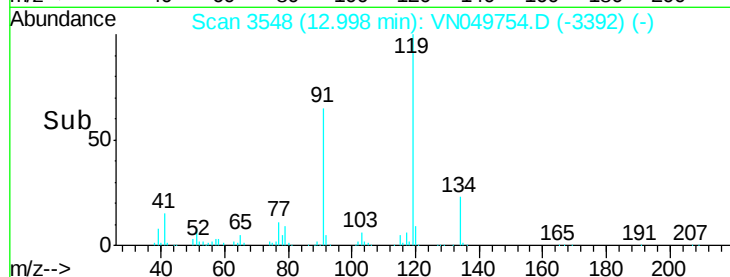
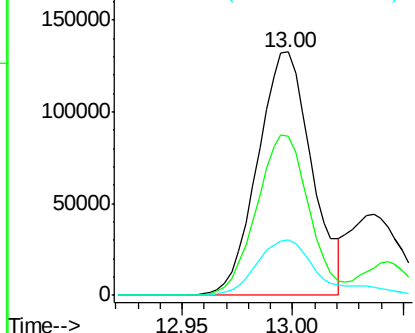


#79
tert-butylbenzene
Concen: 4.77 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.9	0.0	126.8
134	26.5	0.0	47.4

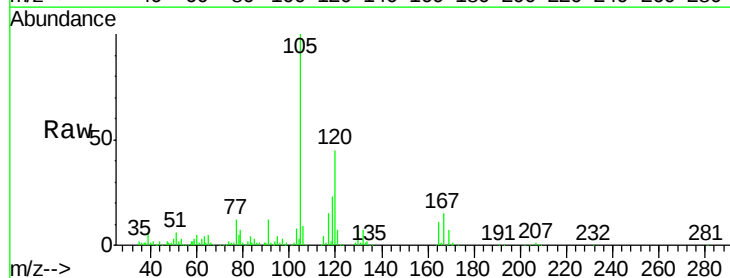


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

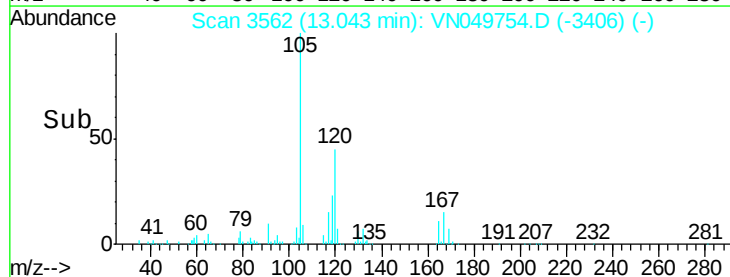
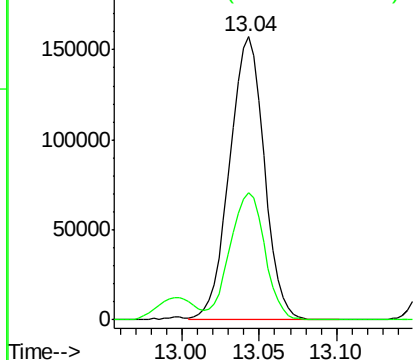


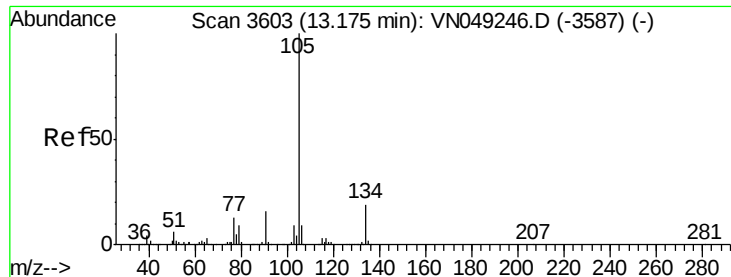
#80
1,2,4-Trimethylbenzene
Concen: 4.36 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	0.0	90.6



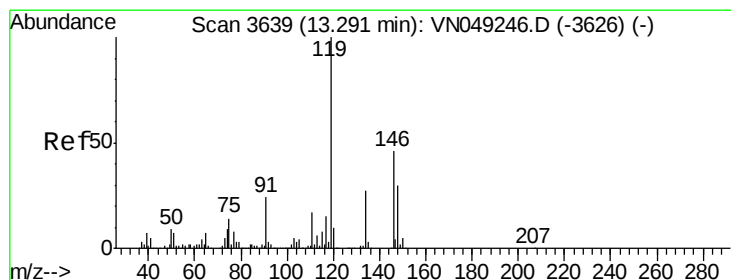
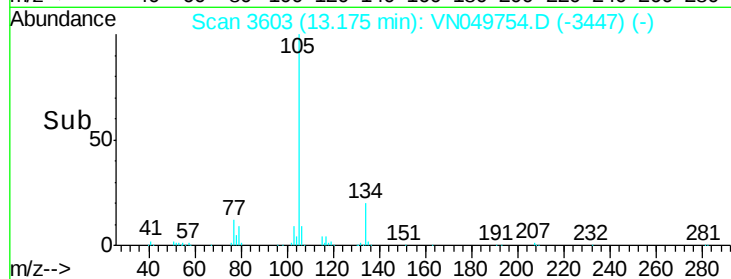
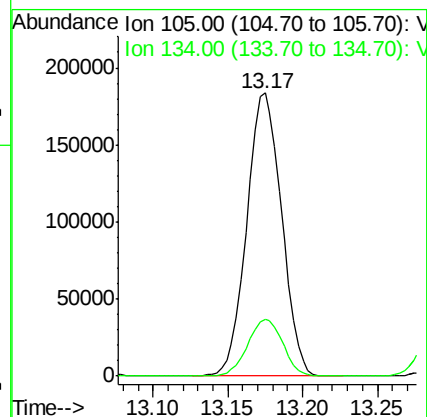
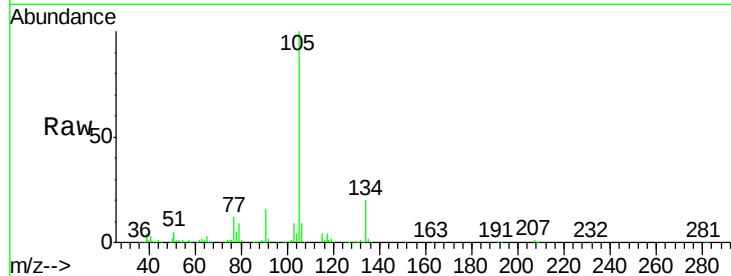
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





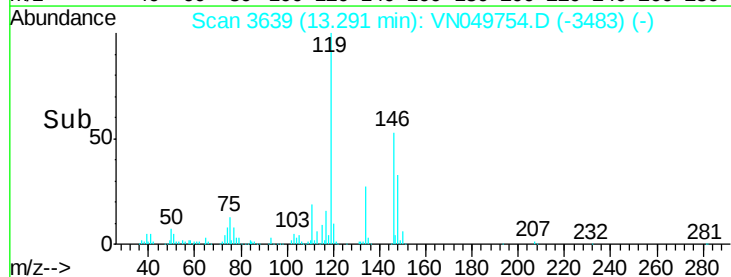
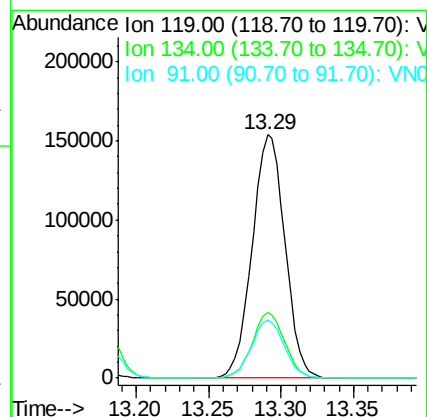
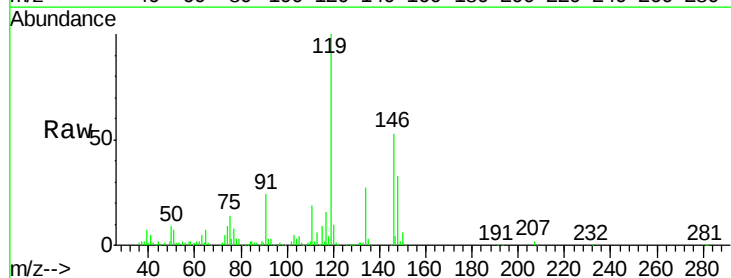
#81
 sec-Butylbenzene
 Concen: 4.65 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

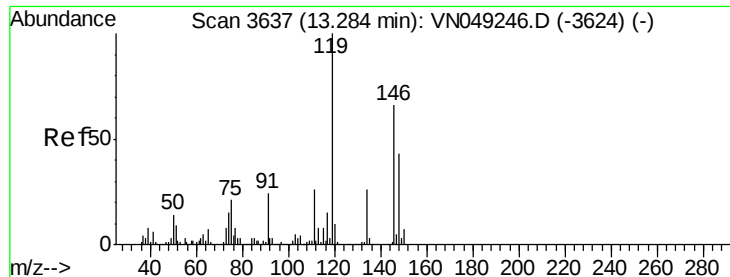
Tot Ion:105 Resp: 298048
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 4.53 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

Tgt Ion:119 Resp: 242439
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.2
 91 24.1 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 5.17 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

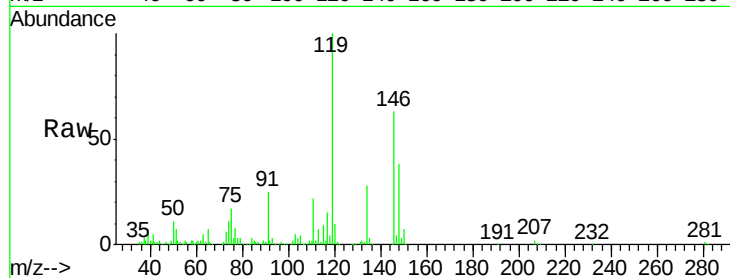
Tot Ion:146 Resp: 147064

Ion Ratio Lower Upper

146 100

111 36.8 19.1 57.1

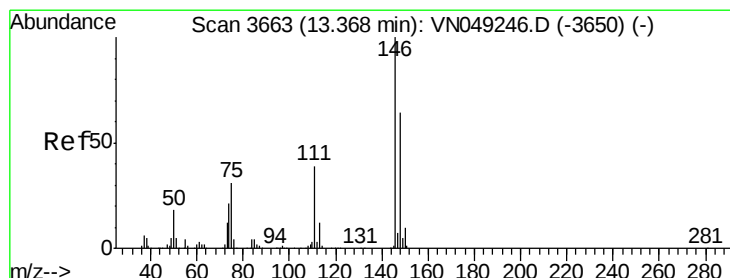
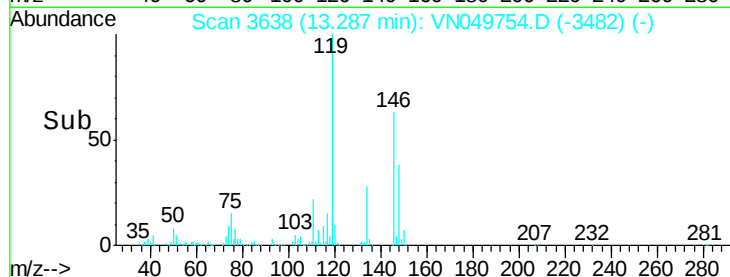
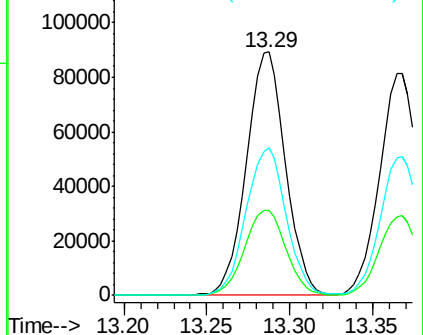
148 62.1 31.9 95.9



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



#84

1,4-Dichlorobenzene

Concen: 5.00 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

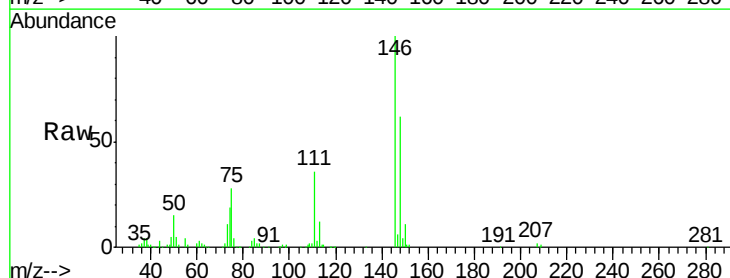
Tgt Ion:146 Resp: 134272

Ion Ratio Lower Upper

146 100

111 36.5 17.9 53.8

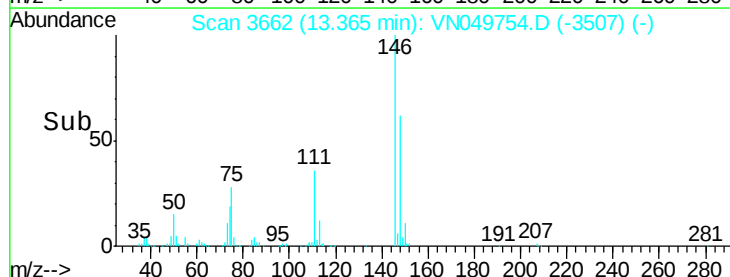
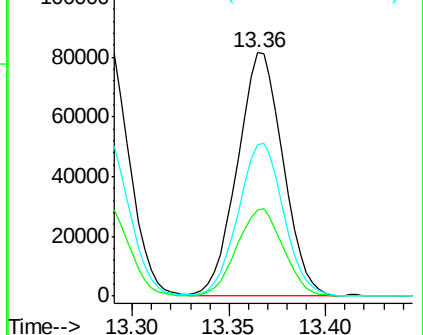
148 62.1 32.4 97.0

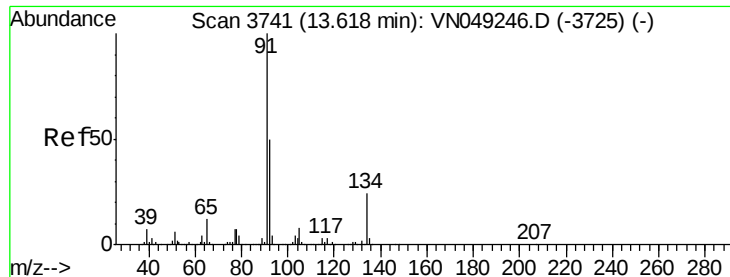


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

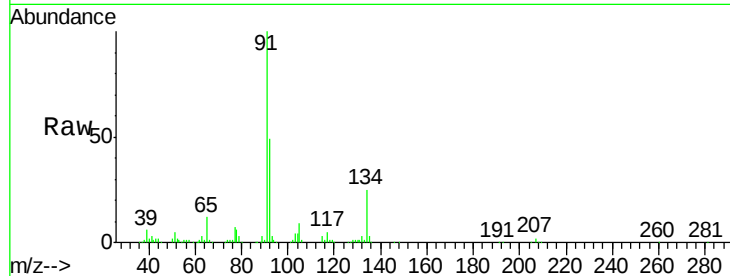
Ion 148.00 (147.70 to 148.70): V





#85
n-Butylbenzene
Concen: 4.24 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

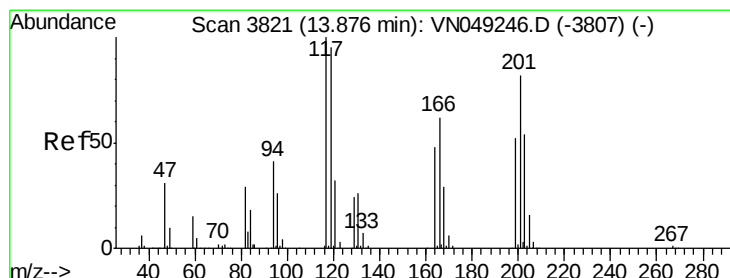
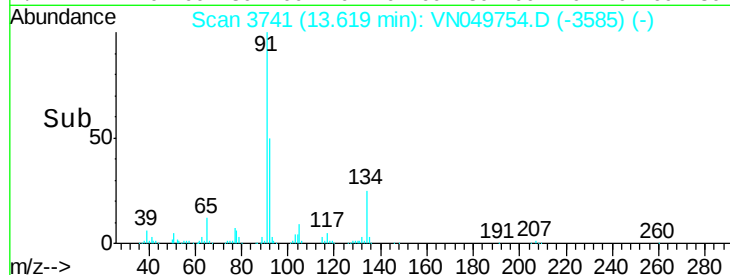
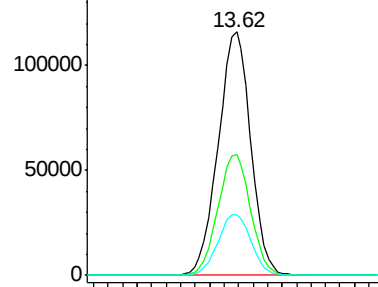
Tot Ion	Ratio	Lower	Upper
91	100		
92	49.7	0.0	102.8
134	25.5	0.0	51.0



Abundance Ion 91.00 (90.70 to 91.70): VN049246.D (-3725) (-)

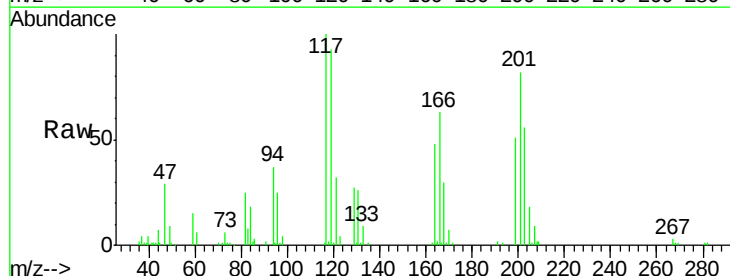
Ion 92.00 (91.70 to 92.70): VN049246.D (-3725) (-)

Ion 134.00 (133.70 to 134.70): VN049246.D (-3725) (-)



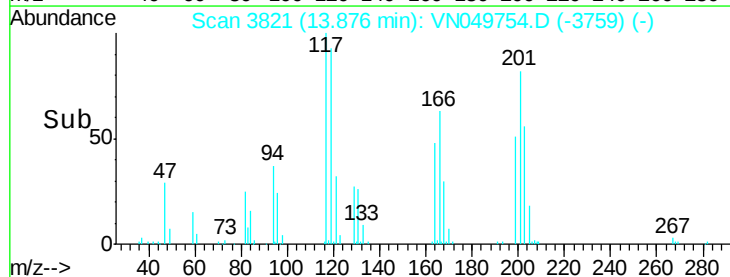
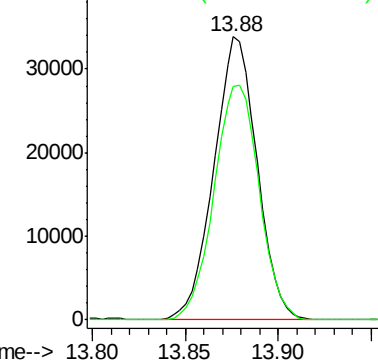
#86
Hexachloroethane
Concen: 5.05 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

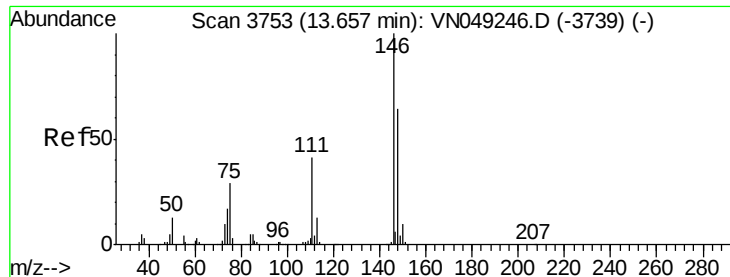
Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	46.6	139.7



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: 5.05 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

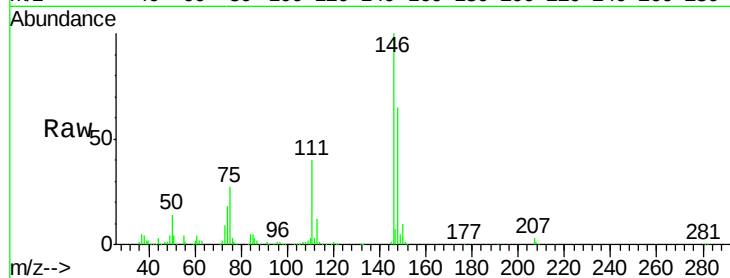
Tot Ion:146 Resp: 139180

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.3

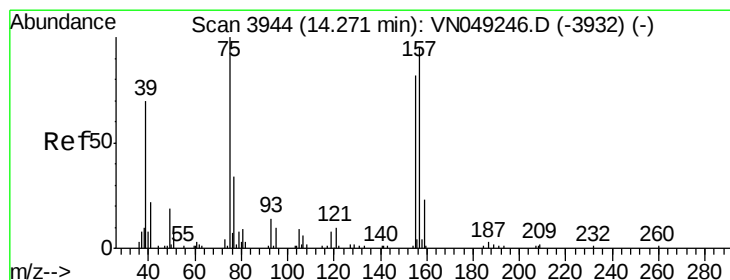
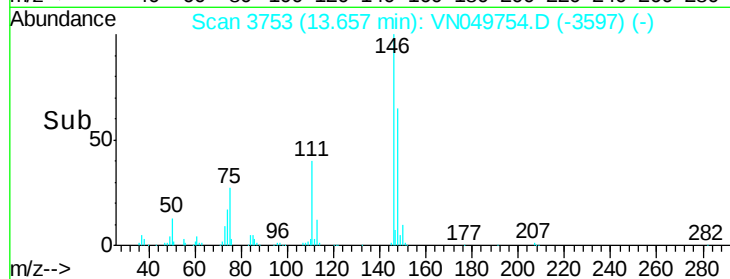
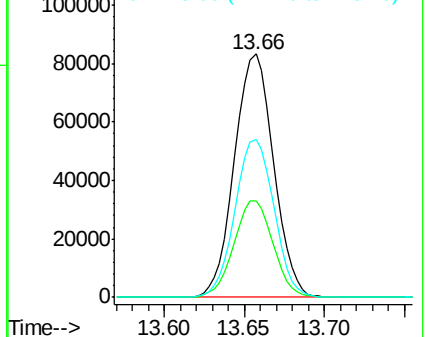
148 64.2 31.8 95.3



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: 5.23 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

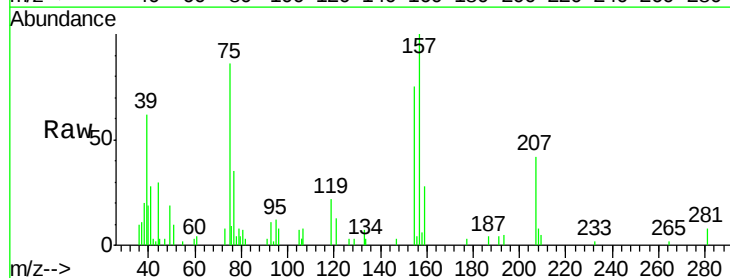
Tgt Ion: 75 Resp: 12836

Ion Ratio Lower Upper

75 100

155 84.0 73.0 109.6

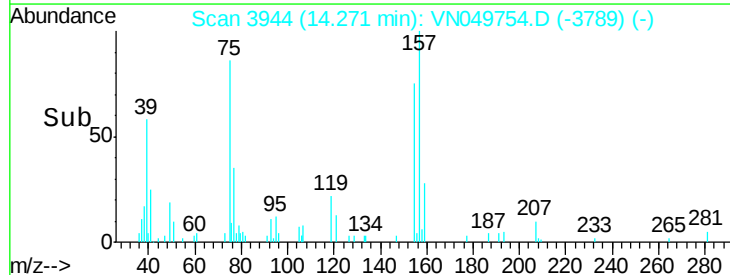
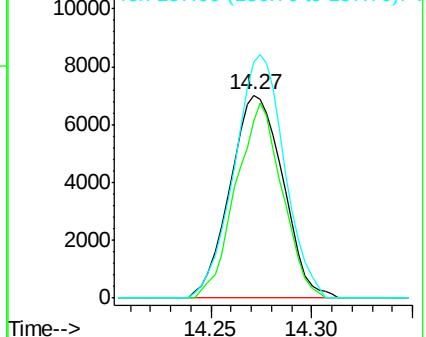
157 113.8 94.9 142.3

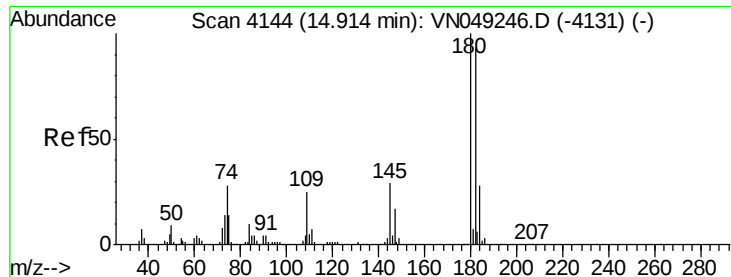


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

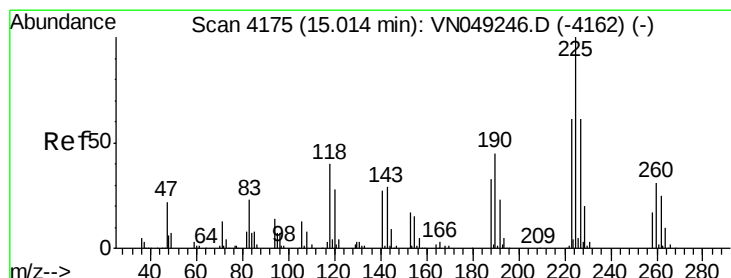
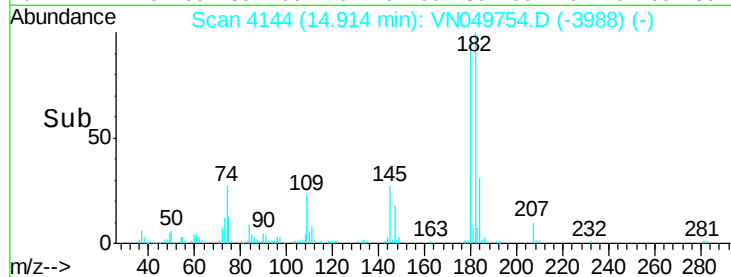
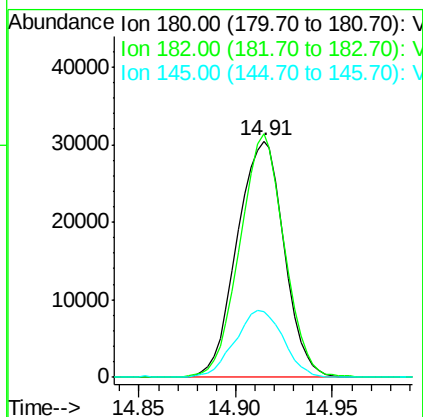
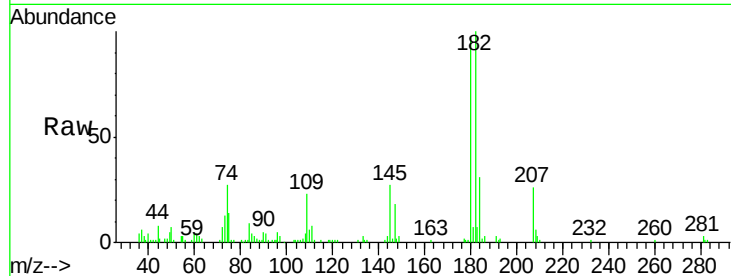
Ion 157.00 (156.70 to 157.70): V





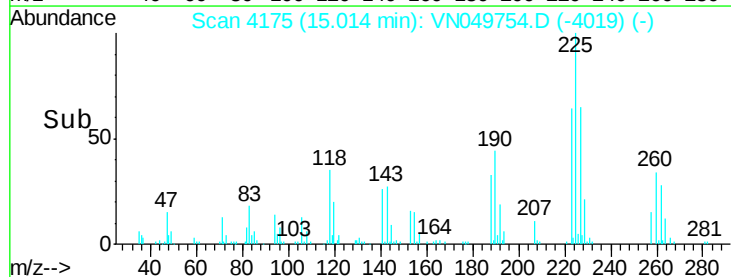
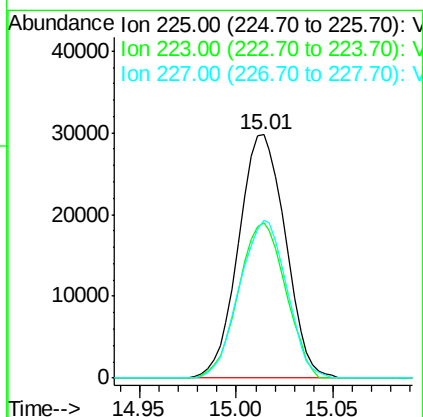
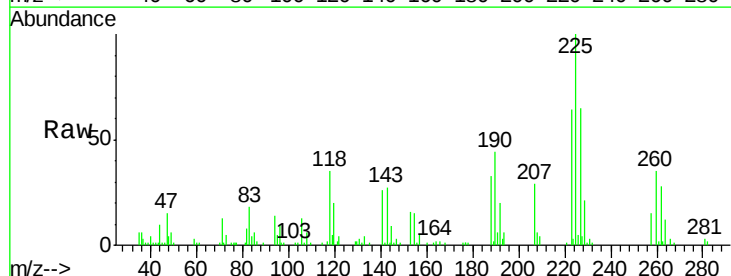
#89
 1,2,4-Trichlorobenzene
 Concen: 4.39 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

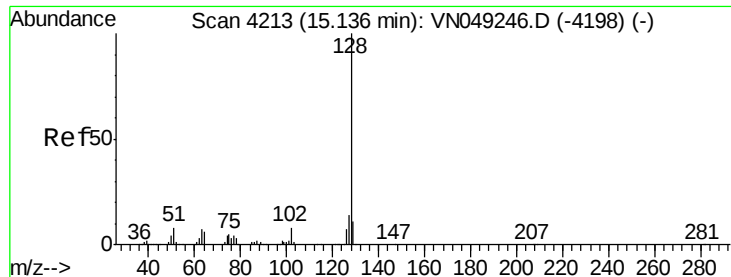
Tot Ion:180 Resp: 51466
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.7 115.1
 145 29.1 23.4 35.0



#90
 Hexachlorobutadiene
 Concen: 6.24 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

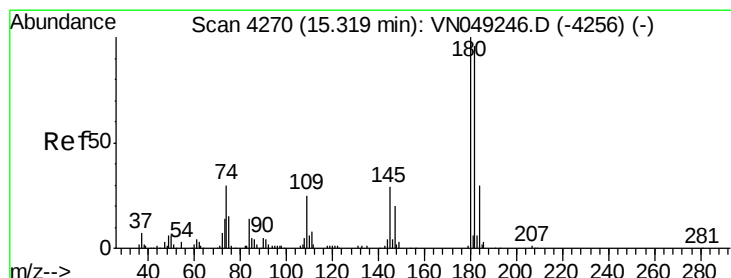
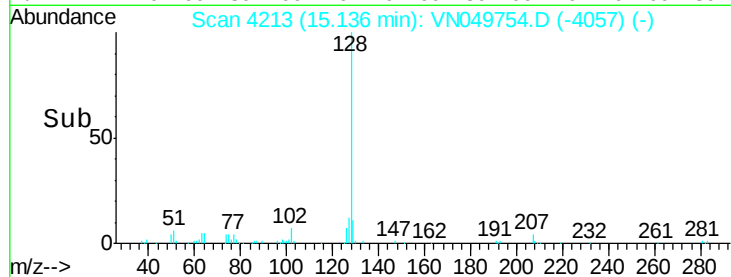
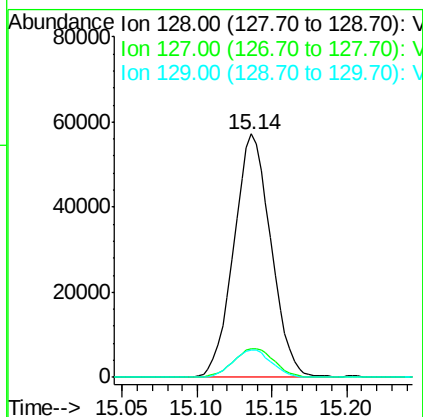
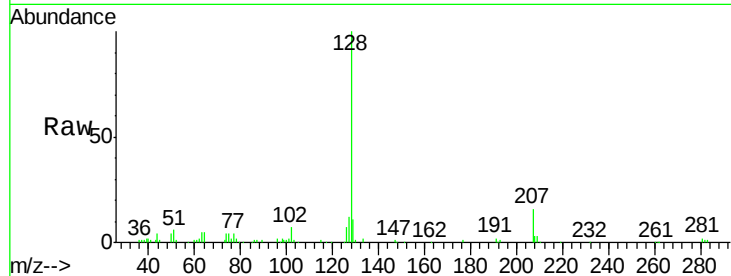
Tgt Ion:225 Resp: 50321
 Ion Ratio Lower Upper
 225 100
 223 64.0 0.0 124.4
 227 65.4 0.0 133.0





#91
Naphthalene
Concen: 3.87 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tot Ion:128 Resp: 98796
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.6 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 4.79 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion:180 Resp: 57943
Ion Ratio Lower Upper
180 100
182 95.9 0.0 188.8
145 31.4 0.0 60.8

