

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 01:31:20 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

					Qvalue
2) Dichlorodifluoromethane	1.85	85	77459	4.875 ug/l	95
3) Chloromethane	2.06	50	95355	5.937 ug/l	99
4) Vinyl Chloride	2.18	62	104240	6.357 ug/l	98
5) Bromomethane	2.56	94	71355	8.086 ug/l	96
6) Chloroethane	2.70	64	63543	6.102 ug/l	98
7) Trichlorofluoromethane	3.01	101	136016	5.999 ug/l	99
8) Diethyl Ether	3.41	74	45864	5.211 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	83683	5.529 ug/l	96
10) 1,1-Dichloroethene	3.73	96	75075	5.334 ug/l	91
11) Methyl Iodide	3.95	142	86100	5.208 ug/l	96
12) Methyl Acetate	4.33	43	72513	5.113 ug/l	100
13) Acrolein	3.61	56	44543	31.684 ug/l	99
14) Acrylonitrile	4.99	53	125065	23.462 ug/l	97
15) Acetone	3.82	58	34242	28.562 ug/l	97
16) Carbon Disulfide	4.05	76	229450	5.091 ug/l	99
17) Allyl chloride	4.32	41	112054	4.442 ug/l	98
18) Methylene Chloride	4.54	84	102375	6.156 ug/l	97
19) trans-1,2-Dichloroethene	5.04	96	78533	5.267 ug/l	97
20) Diisopropyl ether	5.96	45	218823	4.208 ug/l	96
21) 1,1-Dichloroethane	5.85	63	145653	4.822 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	85148	5.041 ug/l	100
23) tert-Butyl Alcohol	4.81	59	24248	24.182 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	180358	4.667 ug/l	# 80
25) Chloroform	7.37	83	149593	5.073 ug/l	98
26) Cyclohexane	7.65	56	109877	4.260 ug/l	98
29) 1,1-Dichloropropene	7.79	75	104905	4.725 ug/l	99
30) 2-Butanone	6.85	43	145579	24.014 ug/l	100
31) 2,2-Dichloropropane	6.82	77	120760	5.693 ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	128331	5.123 ug/l	100
33) Carbon Tetrachloride	7.77	117	112343	5.109 ug/l	97
34) Benzene	8.04	78	327361	4.862 ug/l	# 76
35) Methacrylonitrile	7.17	41	21330	2.807 ug/l	98
36) 1,2-Dichloroethane	8.13	62	111402	5.175 ug/l	100
37) Trichloroethene	8.83	130	86067	5.214 ug/l	95
38) Methylcyclohexane	9.08	83	109738	4.779 ug/l	99
39) 1,2-Dichloropropane	9.12	63	86111	4.704 ug/l	99
40) Dibromomethane	9.21	93	51125	4.988 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 01:31:20 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)

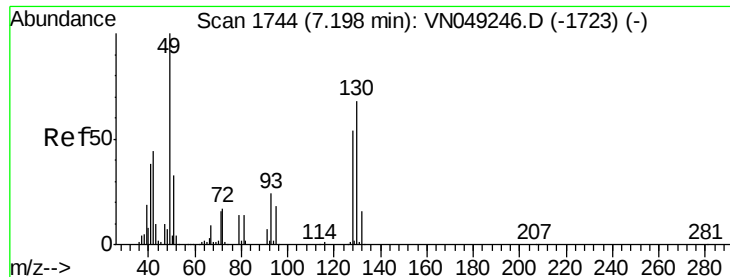
41) Bromodichloromethane	9.40	83	111487	4.925	ug/l	99
42) Vinyl Acetate	5.90	43	735091	20.950	ug/l #	82
43) Ethyl Acetate	6.94	43	57493	4.197	ug/l	94
44) Isopropyl Acetate	8.17	43	112245	4.291	ug/l	96
45) 1,4-Dioxane	9.20	88	13739	92.265	ug/l #	84
46) Methyl methacrylate	9.20	41	50392	4.070	ug/l	96
47) n-amyl Acetate	12.07	43	78609	3.779	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	99440	4.497	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	120505	4.686	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	78245	5.344	ug/l	94
51) Ethyl methacrylate	10.43	69	75803	4.165	ug/l	95
52) 1,3-Dichloropropane	10.71	76	119065	4.787	ug/l	99
53) Dibromochloromethane	10.90	129	81967	5.034	ug/l	99
54) 1,2-Dibromoethane	11.01	107	69788	5.108	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	185851	28.966	ug/l	99
56) Bromoform	12.13	173	50669	4.834	ug/l	95
58) 4-Methyl-2-Pentanone	9.99	43	301958	22.448	ug/l	99
59) 2-Hexanone	10.75	43	194382	22.831	ug/l	99
61) Tetrachloroethene	10.63	164	76685	4.926	ug/l	94
62) Toluene	10.16	91	344416	4.990	ug/l	100
64) Chlorobenzene	11.44	112	210153	5.153	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	81836	5.334	ug/l	97
66) Ethyl Benzene	11.51	91	327738	4.573	ug/l	100
67) m/p-Xylenes	11.62	106	252996	9.424	ug/l	96
68) o-Xylene	11.95	106	119752	4.603	ug/l	99
69) Styrene	11.97	104	175579	4.234	ug/l	97
70) Isopropylbenzene	12.25	105	312589	4.535	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	89843	5.311	ug/l	97
72) 1,2,3-Trichloropropane	12.55	75	102393	7.479	ug/l	54
73) Bromobenzene	12.53	156	87333	5.208	ug/l	98
74) n-propylbenzene	12.59	91	365662	4.581	ug/l	98
75) 2-Chlorotoluene	12.68	91	228319	4.698	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	253570	4.529	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	19905	4.483	ug/l	96
78) 4-Chlorotoluene	12.77	91	221545	4.680	ug/l	98
79) tert-butylbenzene	13.00	119	224817	4.772	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	244435	4.359	ug/l	100
81) sec-Butylbenzene	13.17	105	298048	4.654	ug/l	100
82) p-Isopropyltoluene	13.29	119	242439	4.532	ug/l	98
83) 1,3-Dichlorobenzene	13.29	146	147064	5.165	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	134272	5.000	ug/l	98
85) n-Butylbenzene	13.62	91	181065	4.245	ug/l	98
86) Hexachloroethane	13.88	117	55088	5.046	ug/l	93
87) 1,2-Dichlorobenzene	13.66	146	139180	5.046	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12836	5.233	ug/l	94
89) 1,2,4-Trichlorobenzene	14.91	180	51466	4.392	ug/l	99
90) Hexachlorobutadiene	15.01	225	50321	6.244	ug/l	98
91) Naphthalene	15.14	128	98796	3.867	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	57943	4.791	ug/l	98

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Data File : VN049754.D
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 01:31:20 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



#1

Bromochloromethane

Concen: 30.000 ug/l

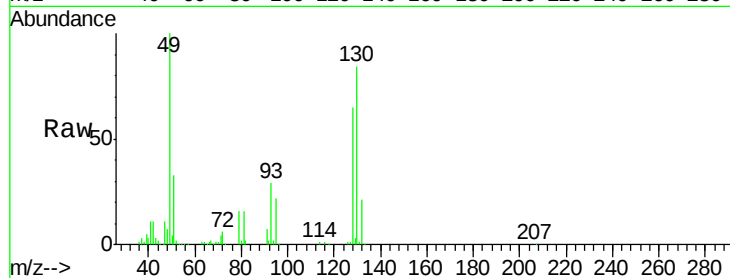
RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

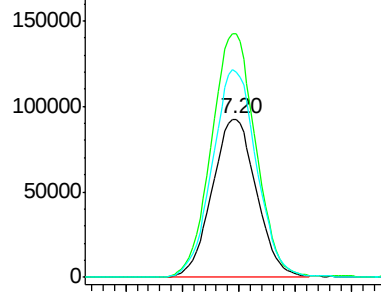
Tgt Ion:	128	Resp:	251728
Ion	Ratio	Lower	Upper
128	100		
49	154.0	0.0	378.3
130	131.3	0.0	320.7



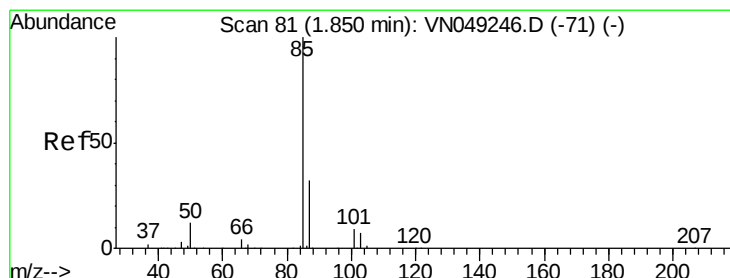
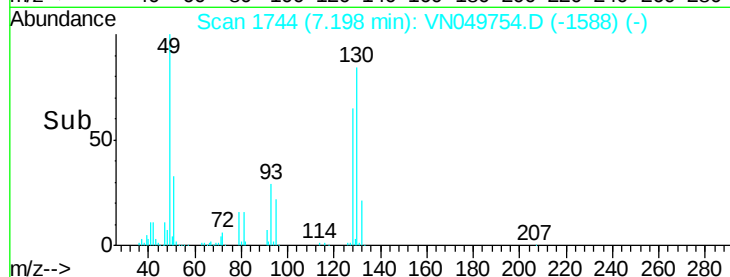
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 4.875 ug/l

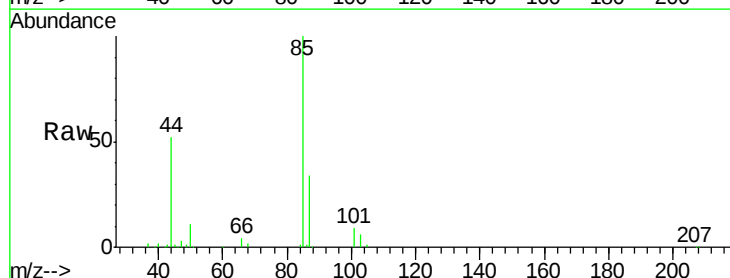
RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049754.D

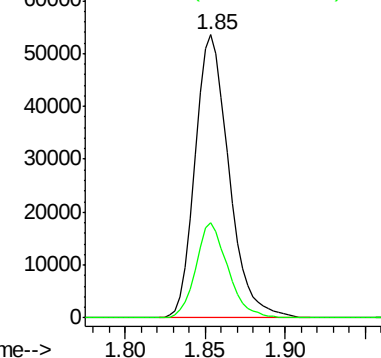
Acq: 11 Jul 2018 10:20

Tgt Ion:	85	Resp:	77459
Ion	Ratio	Lower	Upper
85	100		
87	33.8	15.4	46.4

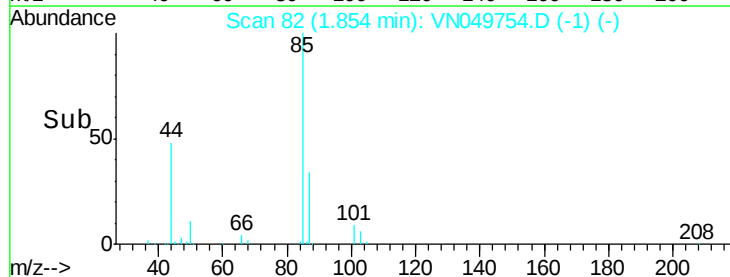


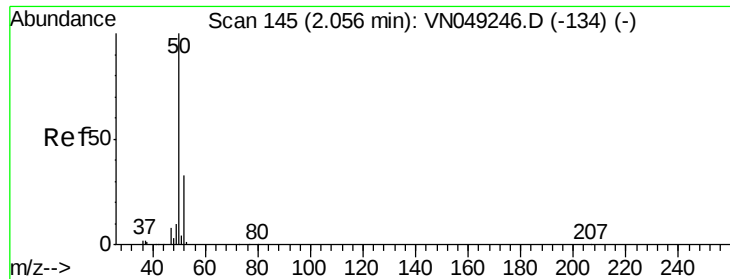
Abundance Ion 85.00 (84.70 to 85.70): V

Ion 87.00 (86.70 to 87.70): V



Time-->





#3

Chloromethane

Concen: 5.937 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049754.D

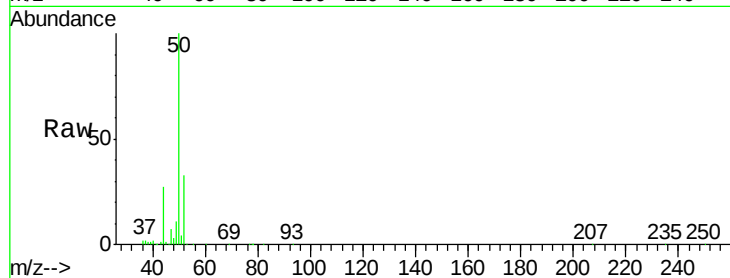
Acq: 11 Jul 2018 10:20

Tgt Ion: 50 Resp: 95355

Ion Ratio Lower Upper

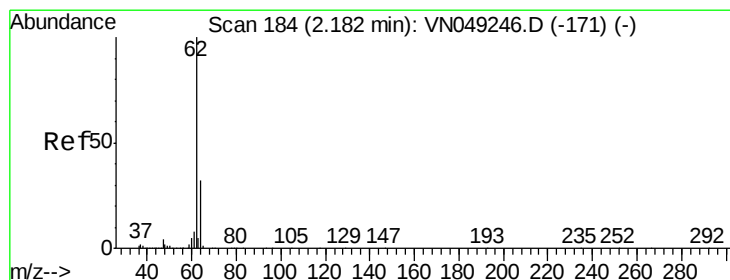
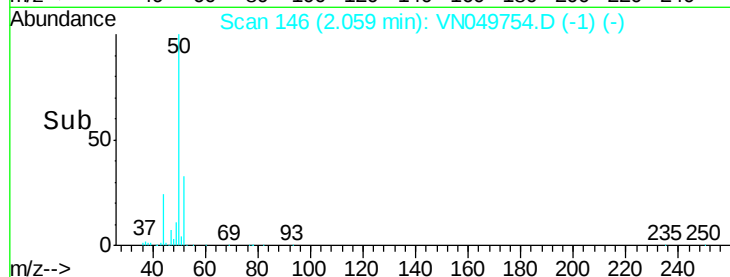
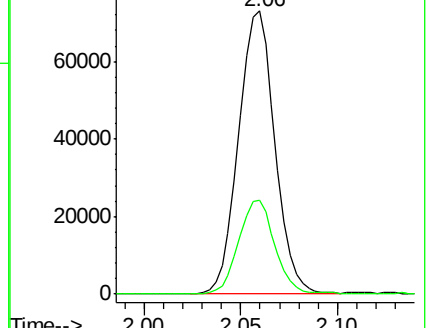
50 100

52 33.4 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN049754.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VN049754.D (-1) (-)



#4

Vinyl Chloride

Concen: 6.357 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049754.D

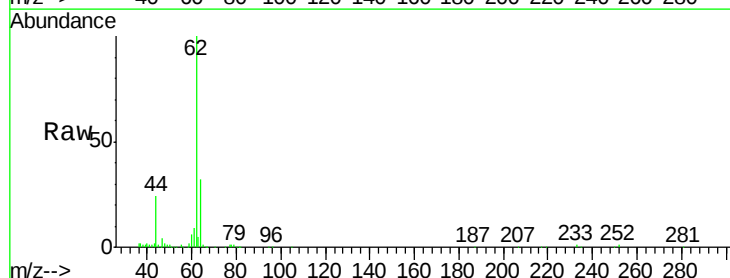
Acq: 11 Jul 2018 10:20

Tgt Ion: 62 Resp: 104240

Ion Ratio Lower Upper

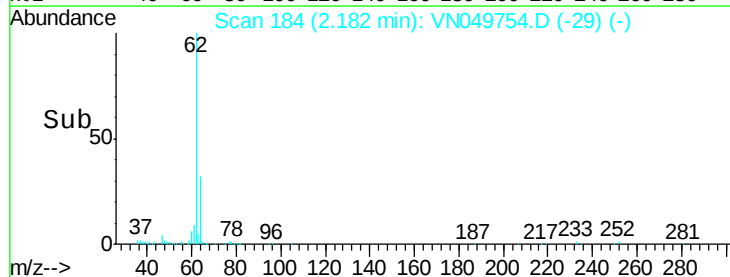
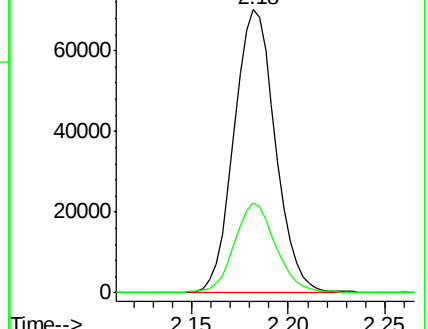
62 100

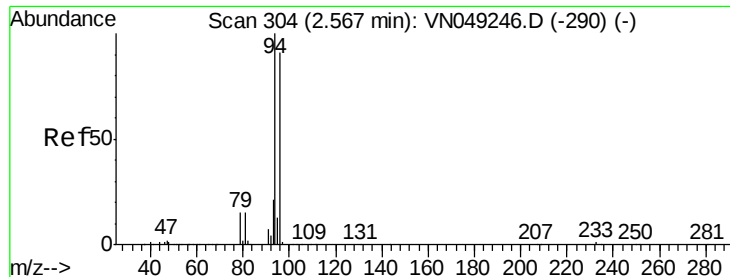
64 31.4 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN049754.D (-29) (-)

Ion 64.00 (63.70 to 64.70): VN049754.D (-29) (-)





#5

Bromomethane

Concen: 8.086 ug/l

RT: 2.56 min Scan# 303

Delta R.T. -0.00 min

Lab File: VN049754.D

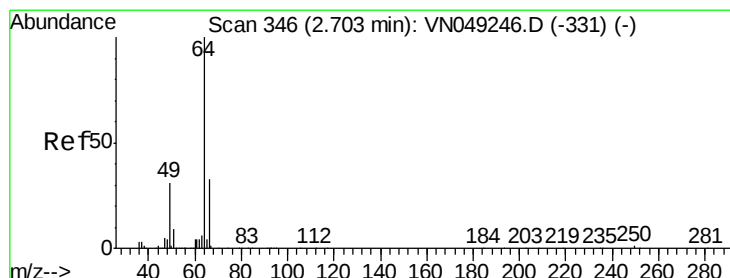
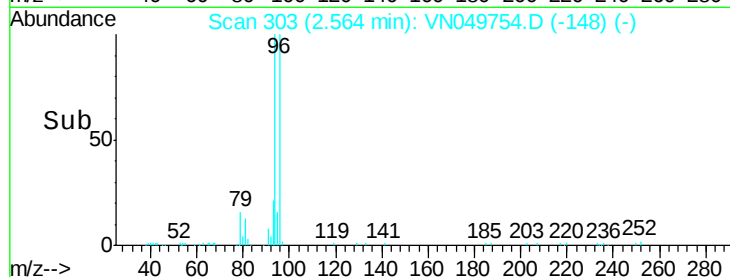
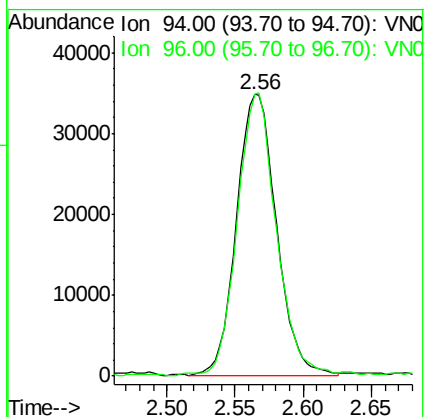
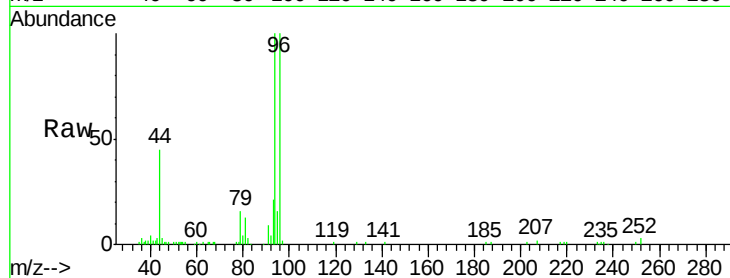
Acq: 11 Jul 2018 10:20

Tgt Ion: 94 Resp: 71355

Ion Ratio Lower Upper

94 100

96 99.0 75.9 113.9



#6

Chloroethane

Concen: 6.102 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049754.D

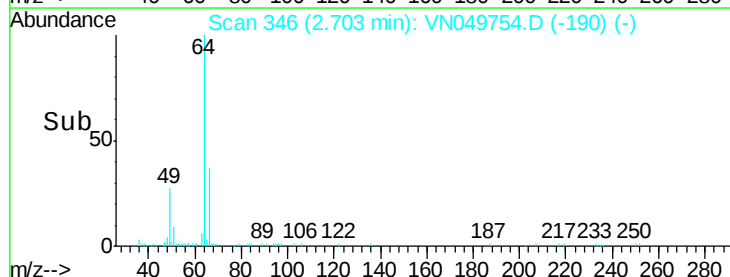
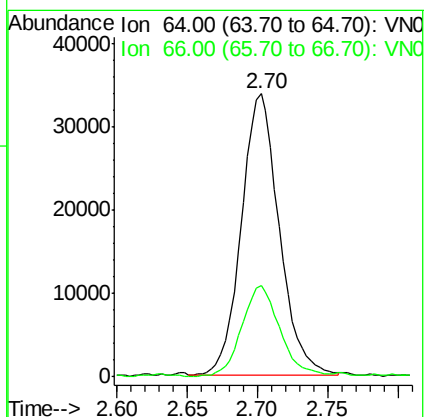
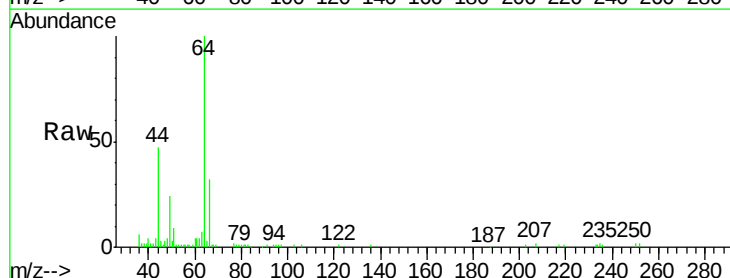
Acq: 11 Jul 2018 10:20

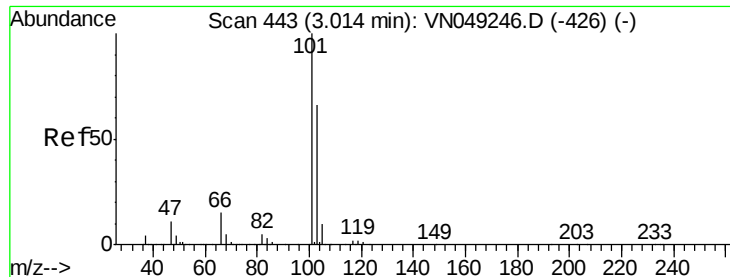
Tgt Ion: 64 Resp: 63543

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.4





#7

Trichlorofluoromethane

Concen: 5.999 ug/l

RT: 3.01 min Scan# 442

Delta R.T. -0.00 min

Lab File: VN049754.D

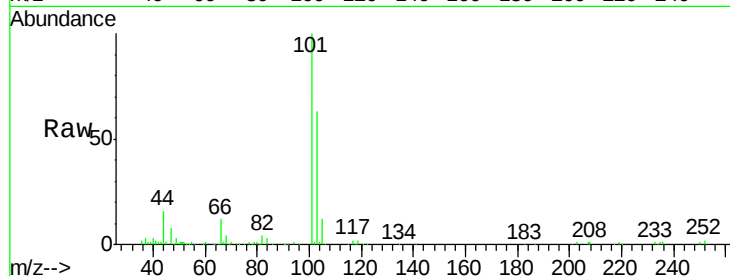
Acq: 11 Jul 2018 10:20

Tgt Ion: 101 Resp: 136016

Ion Ratio Lower Upper

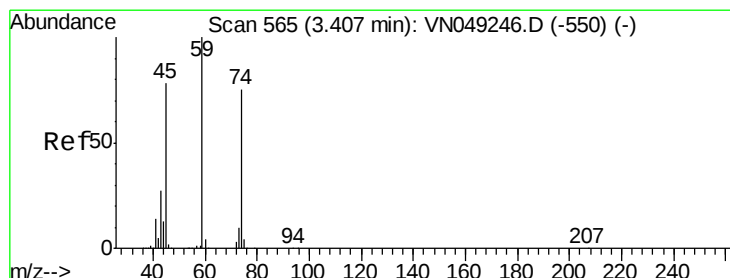
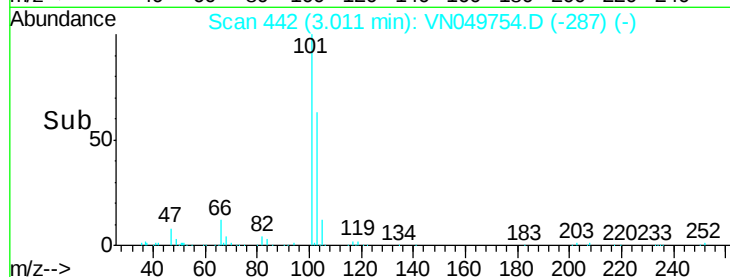
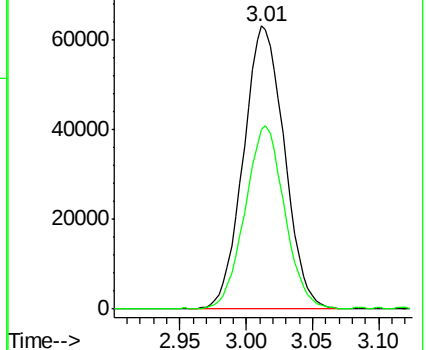
101 100

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: 5.211 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049754.D

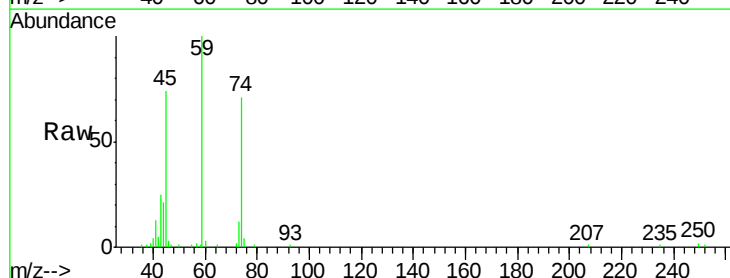
Acq: 11 Jul 2018 10:20

Tgt Ion: 74 Resp: 45864

Ion Ratio Lower Upper

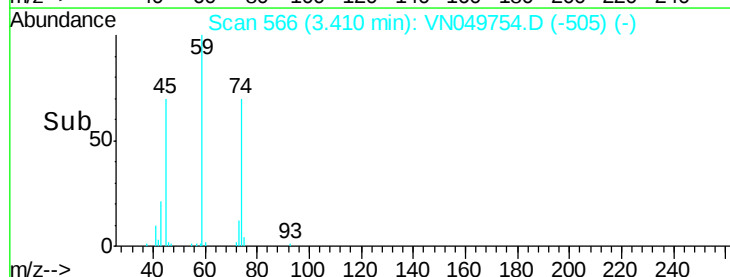
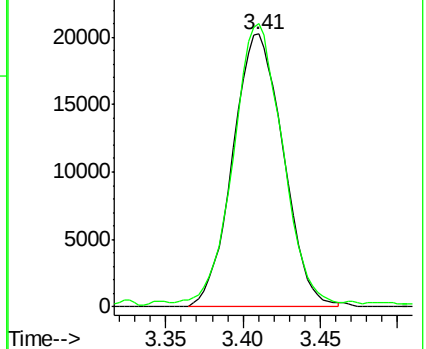
74 100

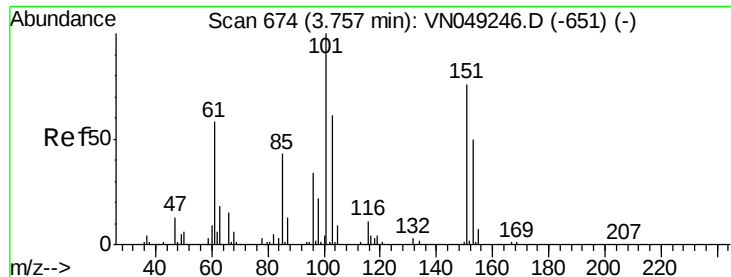
45 98.2 18.7 167.9



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: 5.529 ug/l

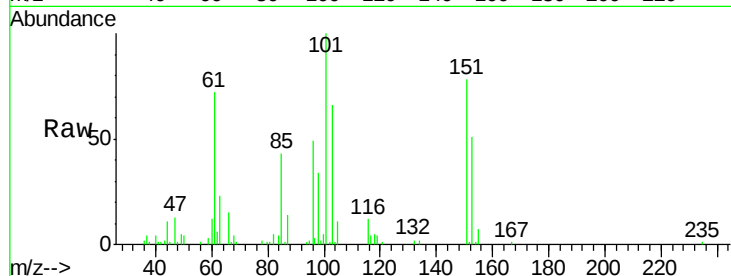
RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

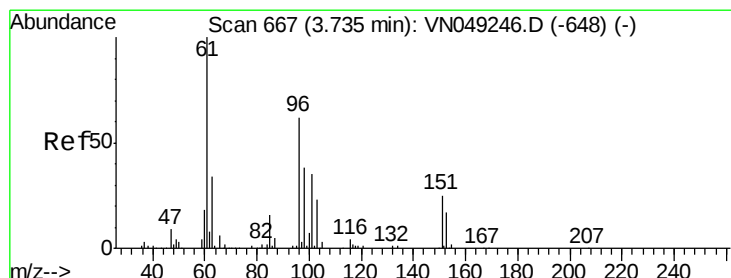
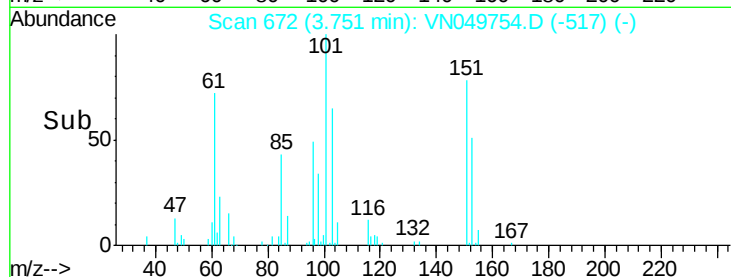
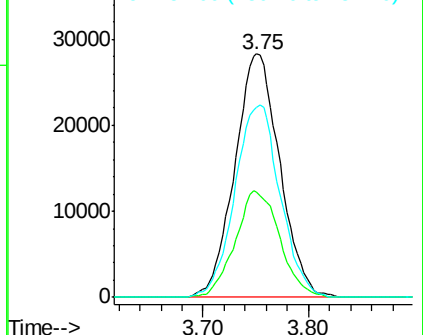
Tgt Ion:	101	Resp:	83683
Ion	Ratio	Lower	Upper
101	100		
85	43.5	0.0	83.0
151	79.8	0.0	166.8



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: 5.334 ug/l

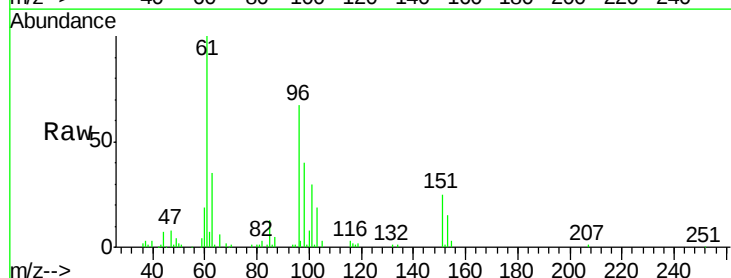
RT: 3.73 min Scan# 665

Delta R.T. -0.01 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

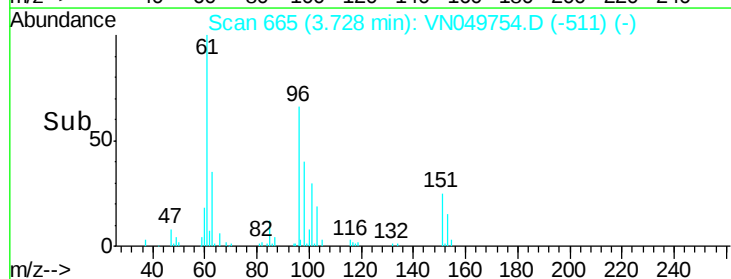
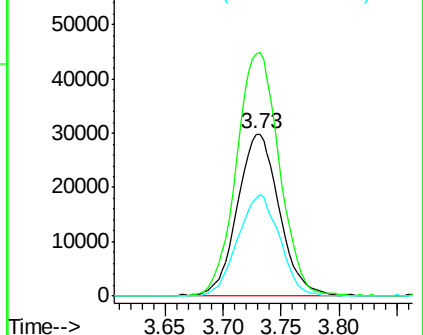
Tgt Ion:	96	Resp:	75075
Ion	Ratio	Lower	Upper
96	100		
61	150.2	130.6	195.8
98	60.8	53.5	80.3

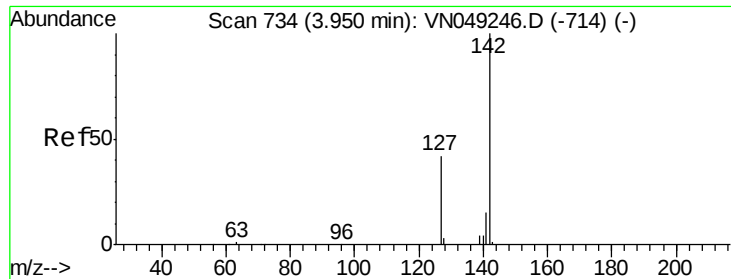


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

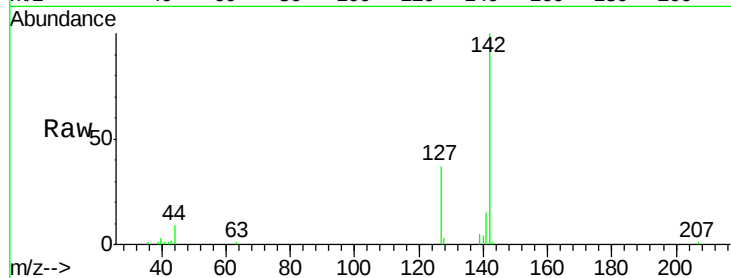
Ion 98.00 (97.70 to 98.70): VN0



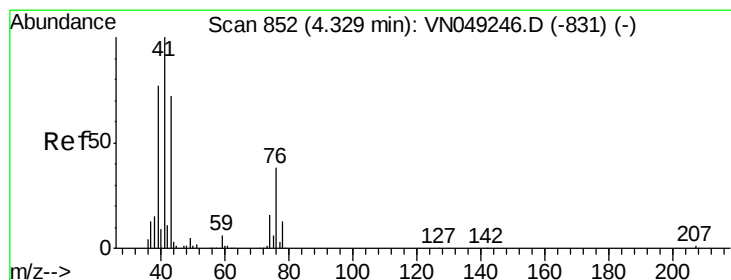
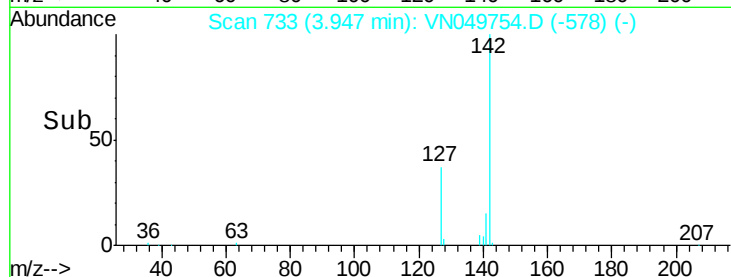
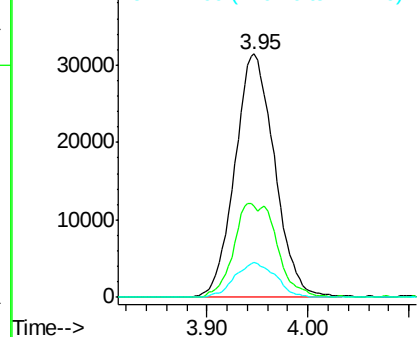


#11
Methyl Iodide
Concen: 5.208 ug/l
RT: 3.95 min Scan# 733
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion	Ratio	Lower	Upper
142	100		
127	37.1	20.2	60.5
141	14.3	6.9	20.6

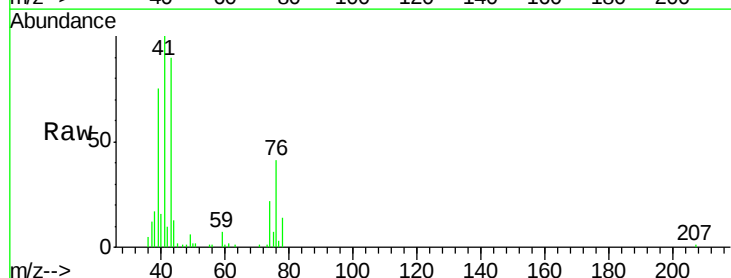


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

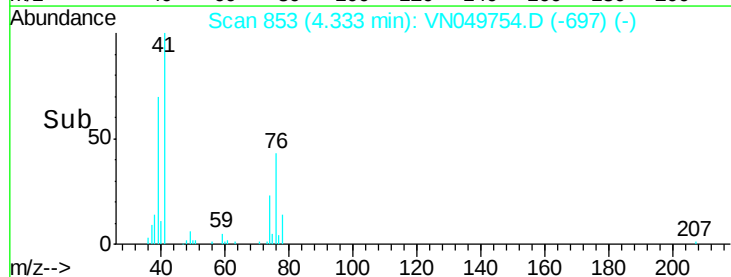
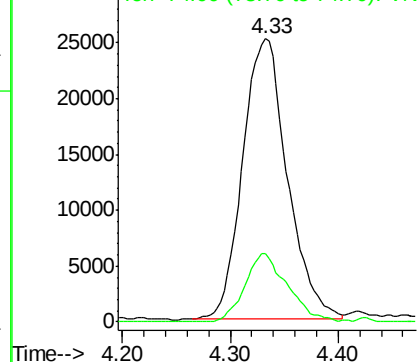


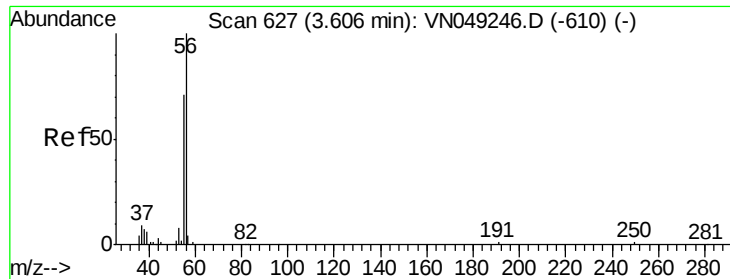
#12
Methyl Acetate
Concen: 5.113 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion	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: 31.684 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049754.D

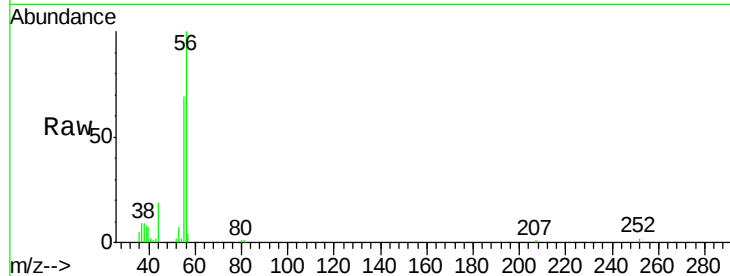
Acq: 11 Jul 2018 10:20

Tgt Ion: 56 Resp: 44543

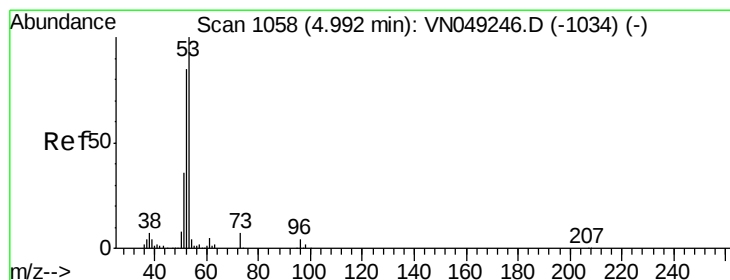
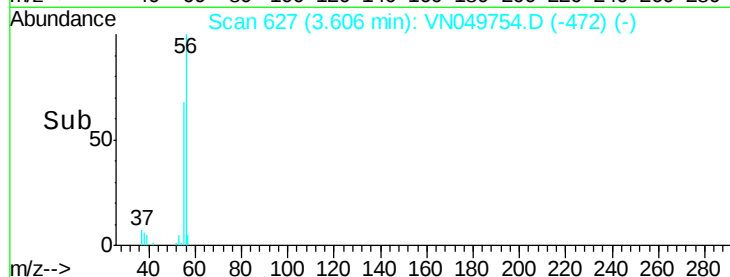
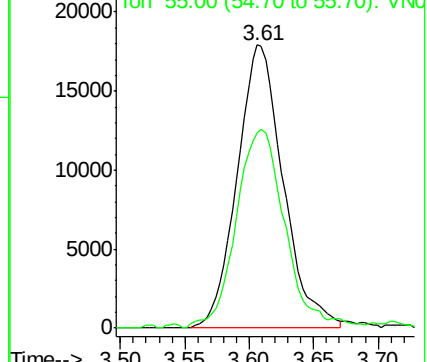
Ion Ratio Lower Upper

56 100

55 72.8 58.6 88.0



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



#14

Acrylonitrile

Concen: 23.462 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

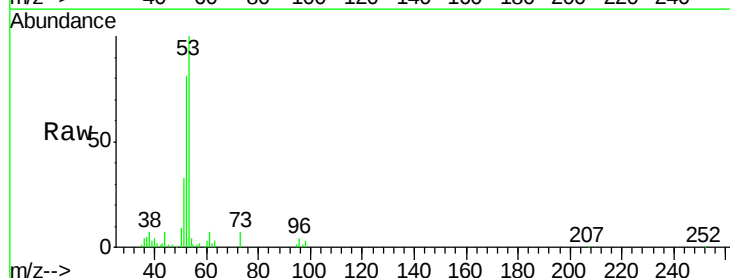
Tgt Ion: 53 Resp: 125065

Ion Ratio Lower Upper

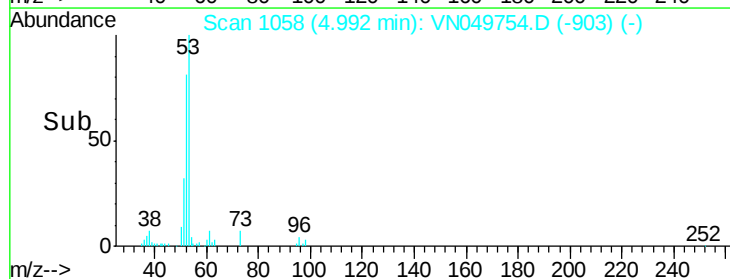
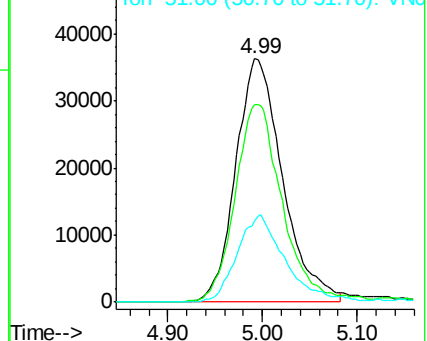
53 100

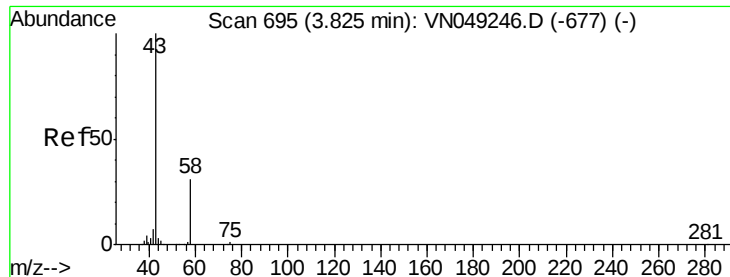
52 80.0 41.5 124.5

51 35.9 18.7 56.1



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





#15

Acetone

Concen: 28.562 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049754.D

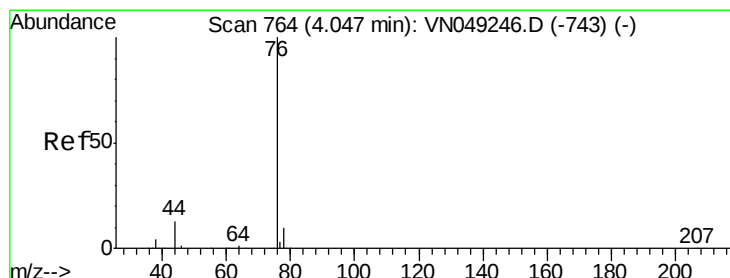
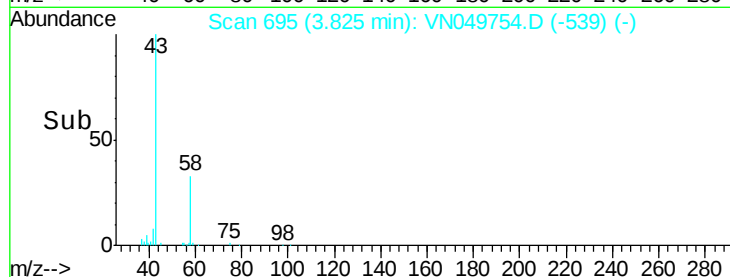
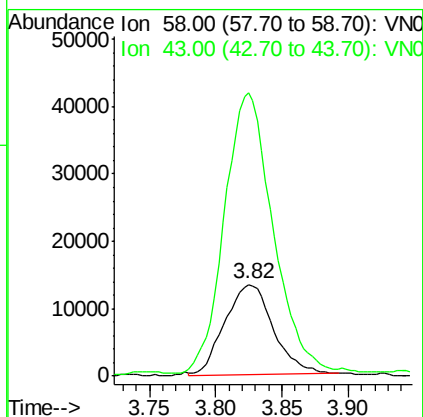
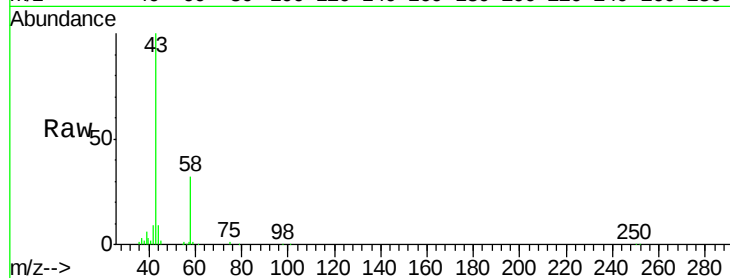
Acq: 11 Jul 2018 10:20

Tgt Ion: 58 Resp: 34242

Ion Ratio Lower Upper

58 100

43 309.6 252.0 378.0



#16

Carbon Disulfide

Concen: 5.091 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049754.D

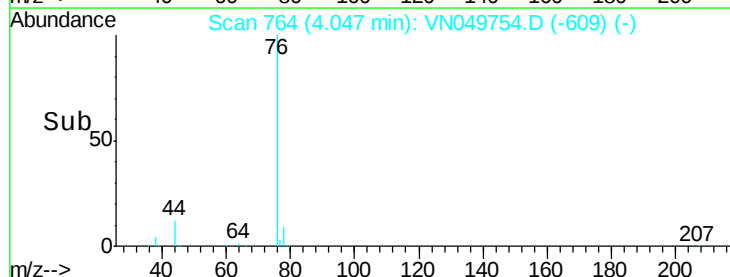
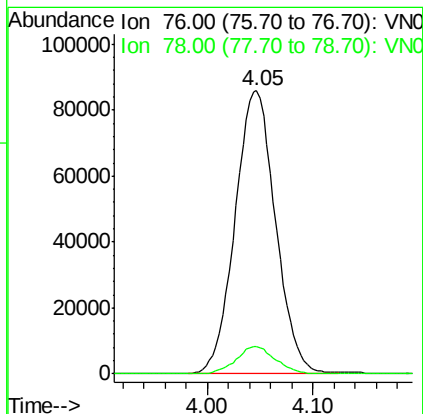
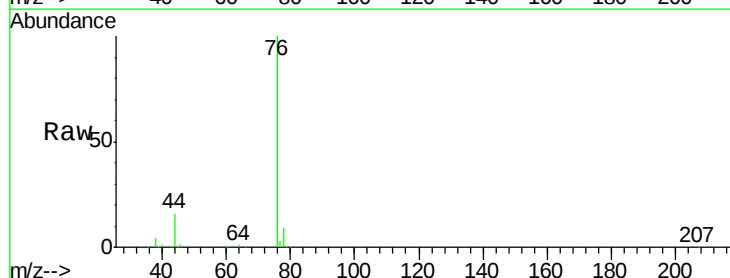
Acq: 11 Jul 2018 10:20

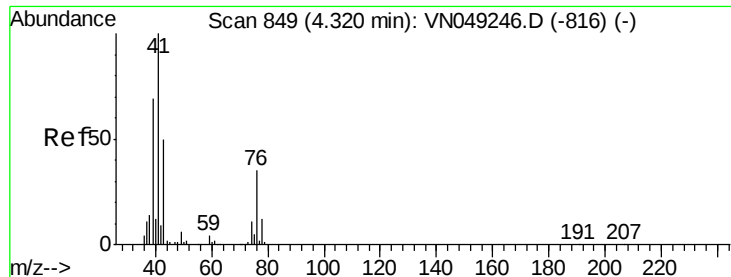
Tgt Ion: 76 Resp: 229450

Ion Ratio Lower Upper

76 100

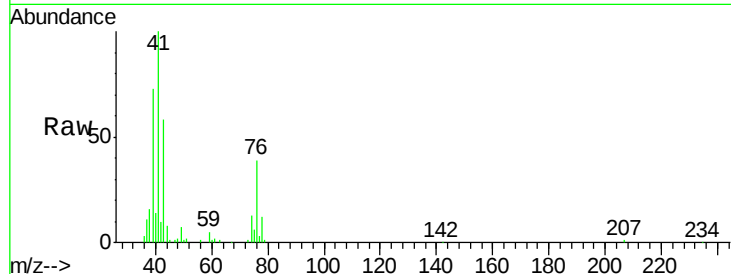
78 9.5 7.3 10.9



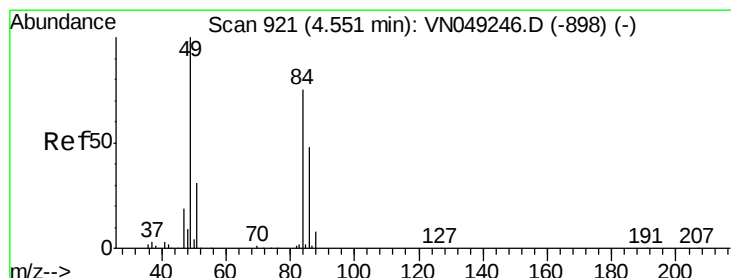
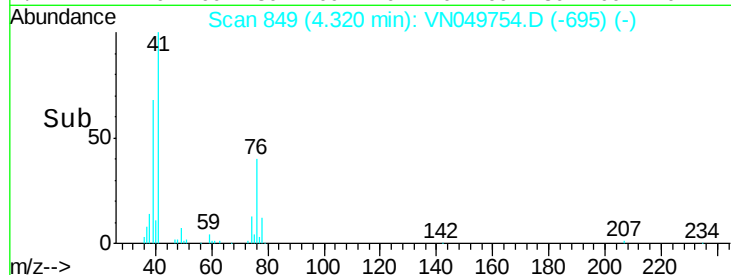
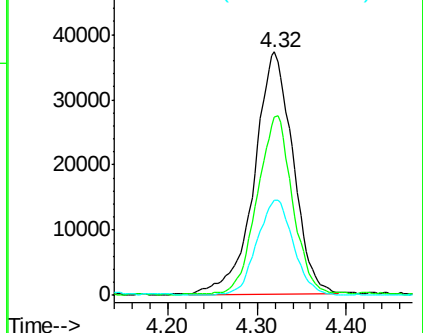


#17
 Allyl chloride
 Concen: 4.442 ug/l
 RT: 4.32 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

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

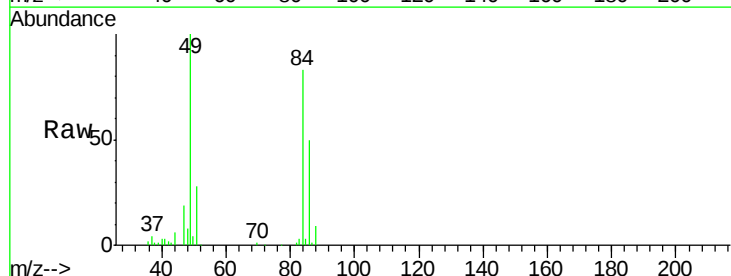


Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0
 Ion 76.00 (75.70 to 76.70): VN0

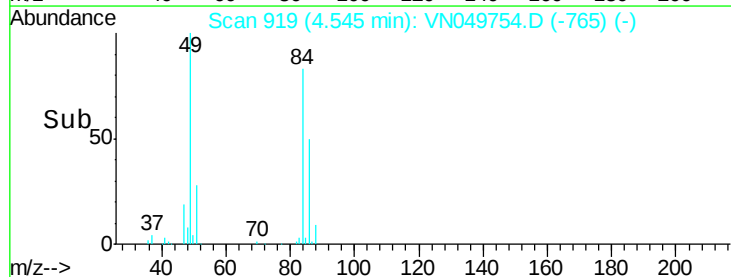
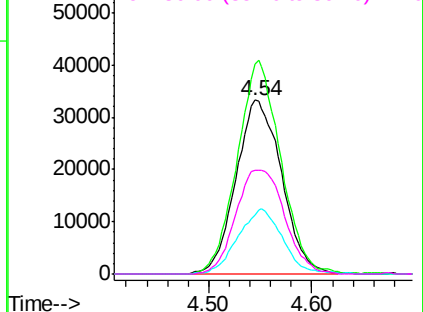


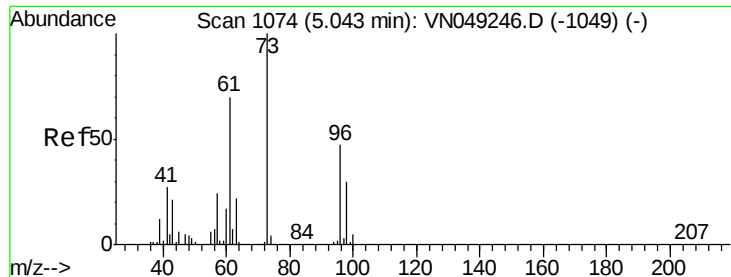
#18
 Methylene Chloride
 Concen: 6.156 ug/l
 RT: 4.54 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

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



Abundance Ion 84.00 (83.70 to 84.70): VN0
 Ion 49.00 (48.70 to 49.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0

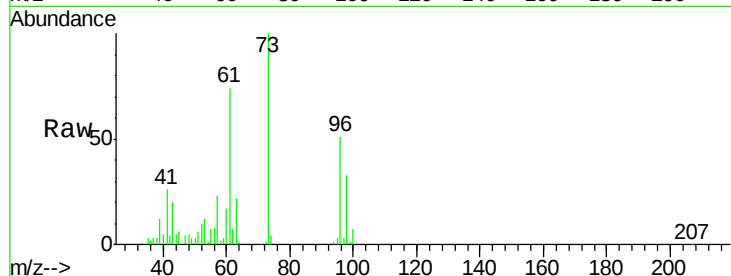




#19

trans-1,2-Dichloroethene
Concen: 5.267 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

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

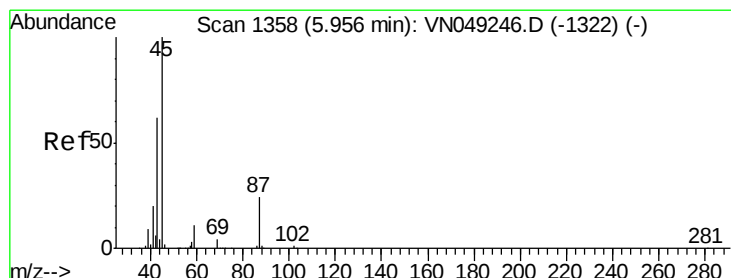
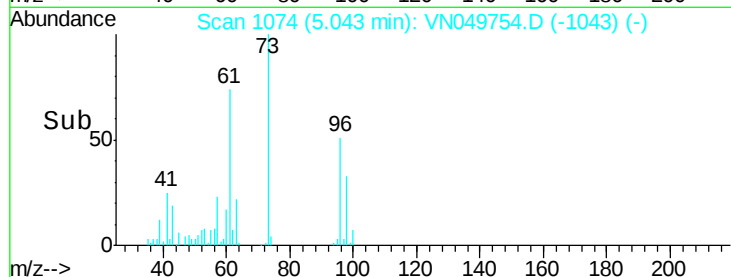
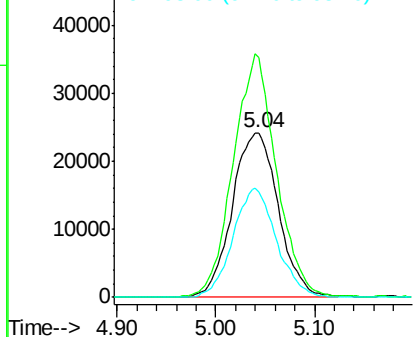


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

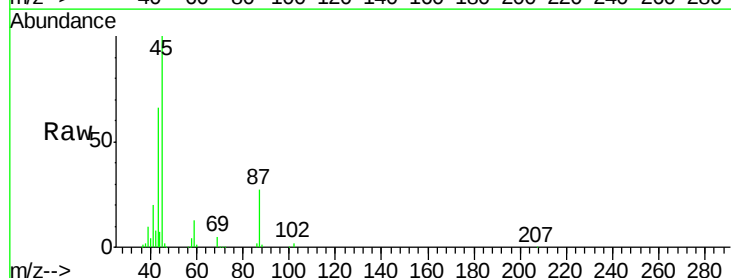
Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether
Concen: 4.208 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



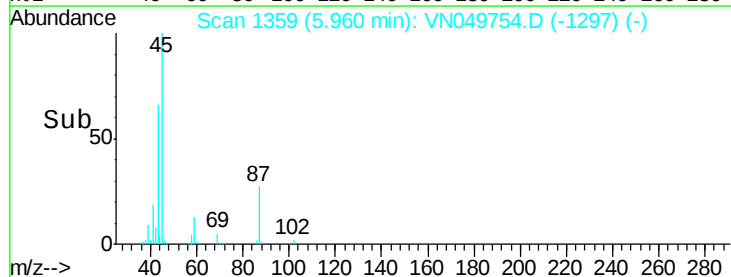
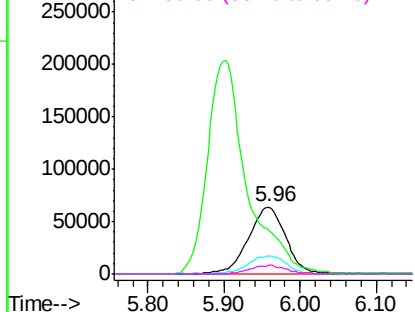
Abundance

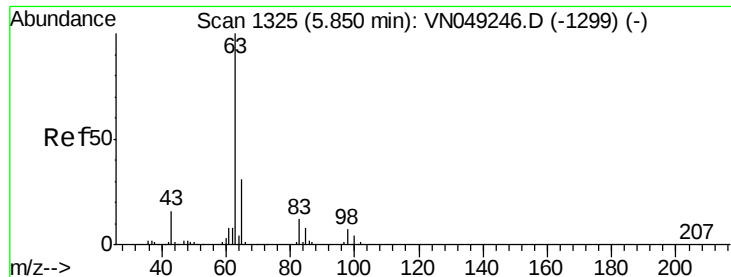
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

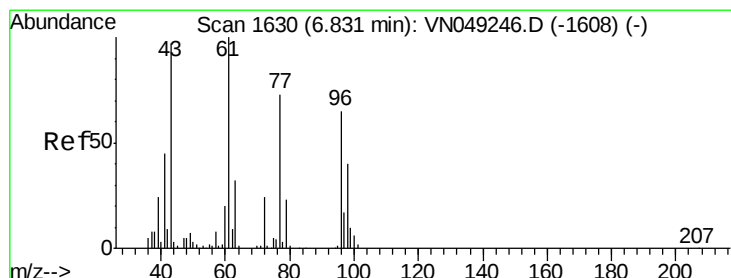
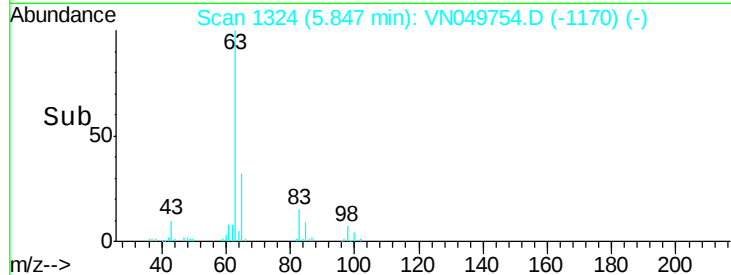
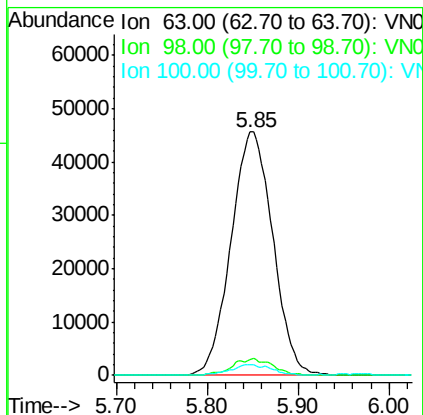
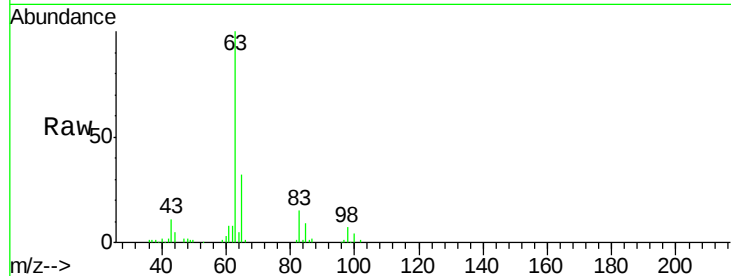
Ion 59.00 (58.70 to 59.70): VN0





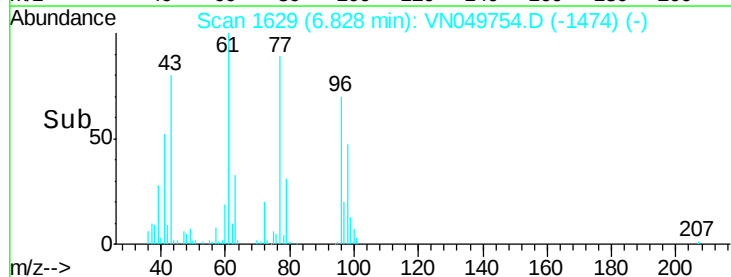
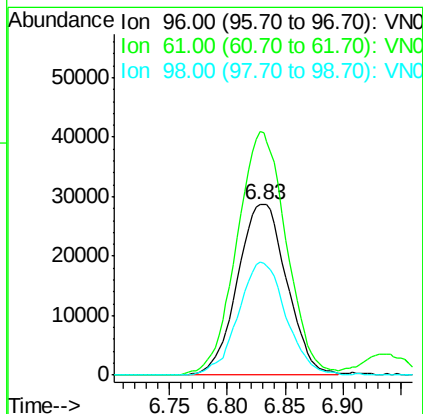
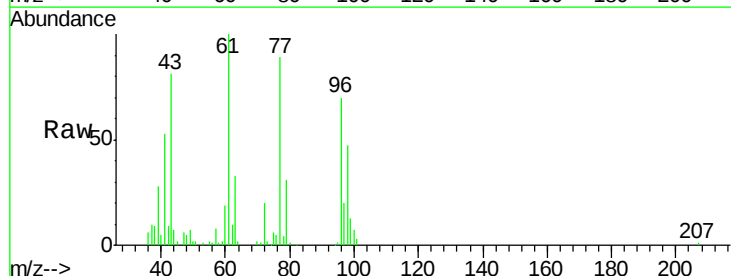
#21
 1,1-Dichloroethane
 Concen: 4.822 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

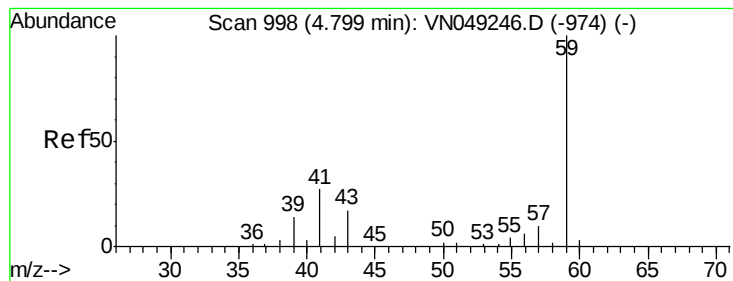
Tgt Ion: 63 Resp: 145653
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.3 2.3 6.8



#22
 cis-1,2-Dichloroethene
 Concen: 5.041 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





#23

tert-Butyl Alcohol

Concen: 24.182 ug/l

RT: 4.81 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN049754.D

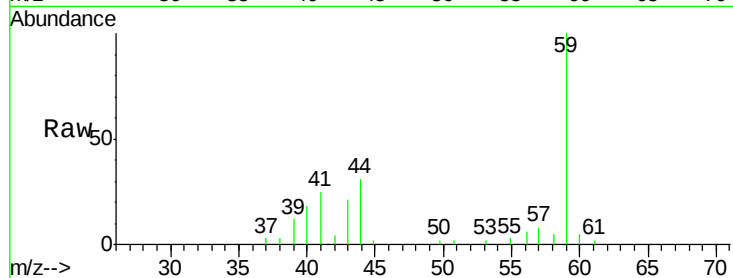
Acq: 11 Jul 2018 10:20

Tgt Ion: 59 Resp: 24248

Ion Ratio Lower Upper

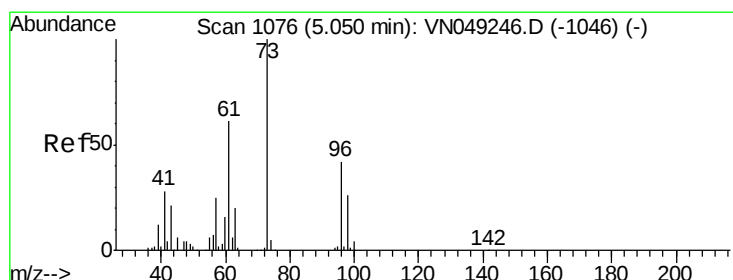
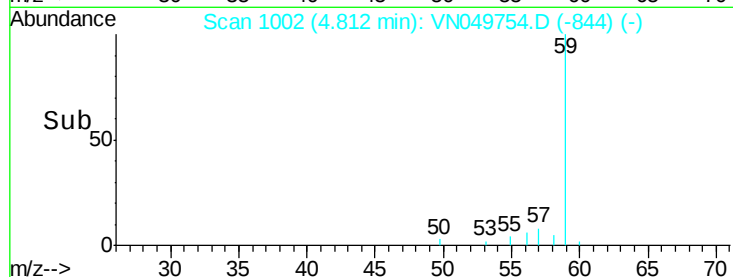
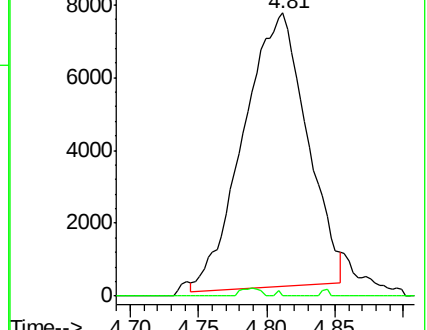
59 100

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): VN049246.D (-974) (-)



#24

Methyl tert-Butyl Ether

Concen: 4.667 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VN049754.D

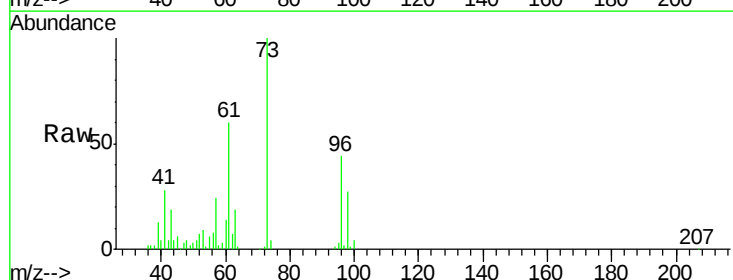
Acq: 11 Jul 2018 10:20

Tgt Ion: 73 Resp: 180358

Ion Ratio Lower Upper

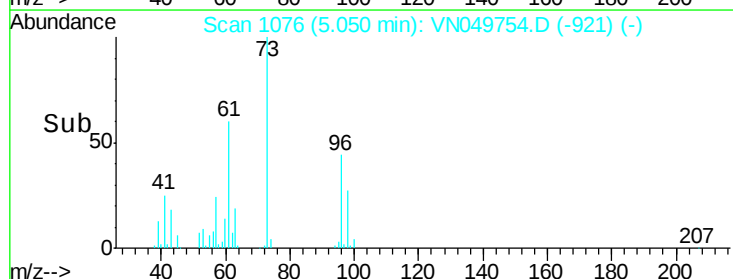
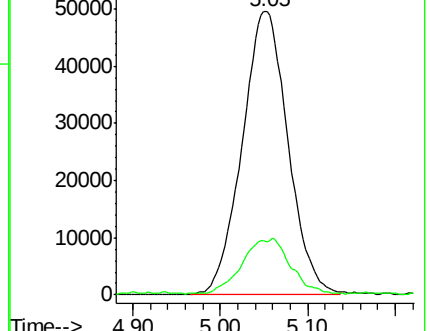
73 100

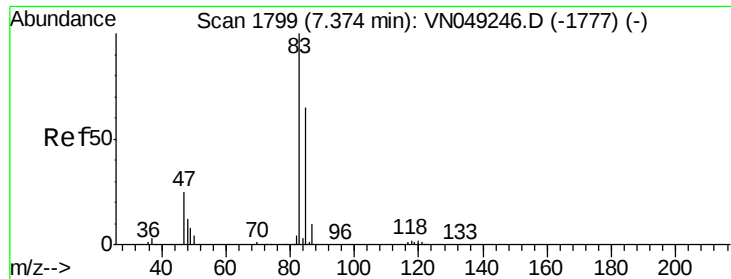
43 10.4 15.5 23.3#



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

Ion 43.00 (42.70 to 43.70): VN049246.D (-1046) (-)





#25

Chloroform

Concen: 5.073 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049754.D

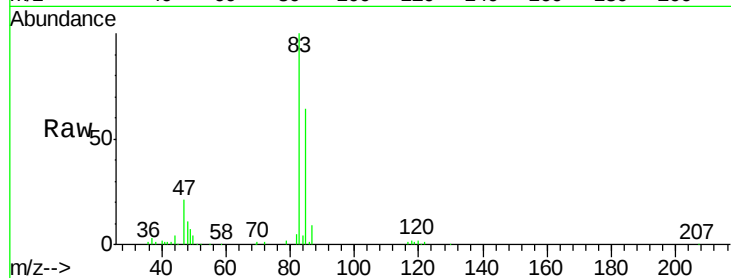
Acq: 11 Jul 2018 10:20

Tgt Ion: 83 Resp: 149593

Ion Ratio Lower Upper

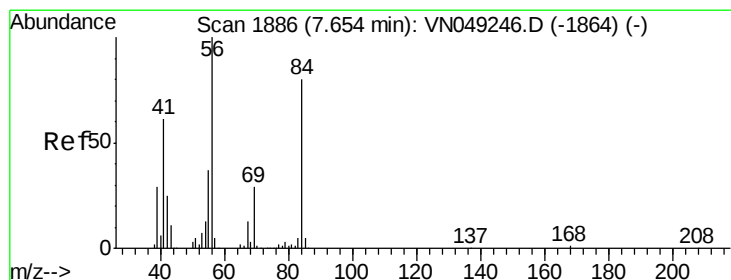
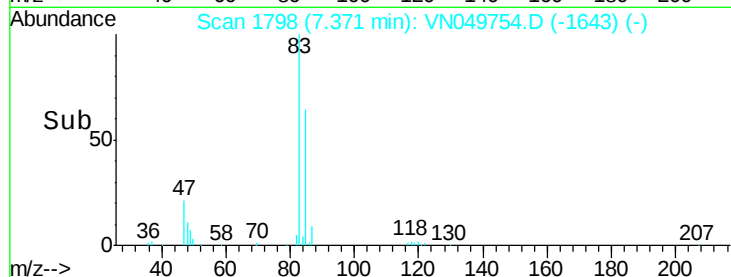
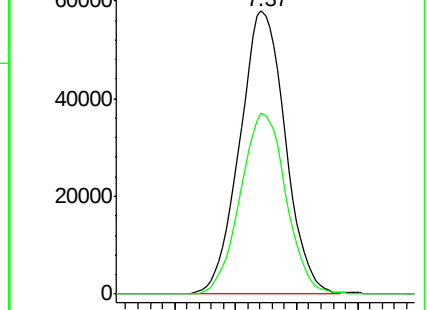
83 100

85 63.8 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN049246.D (-1777) (-)

Ion 85.00 (84.70 to 85.70): VN049246.D (-1777) (-)



#26

Cyclohexane

Concen: 4.260 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

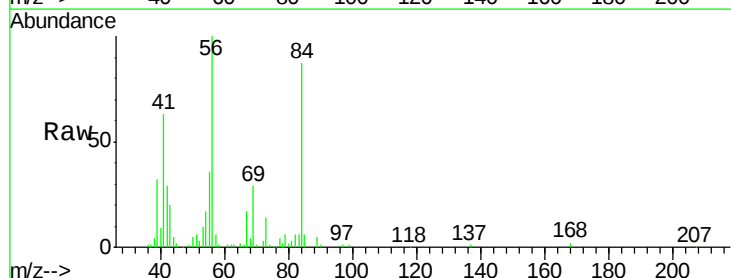
Tgt Ion: 56 Resp: 109877

Ion Ratio Lower Upper

56 100

89 3.2 3.0 4.4

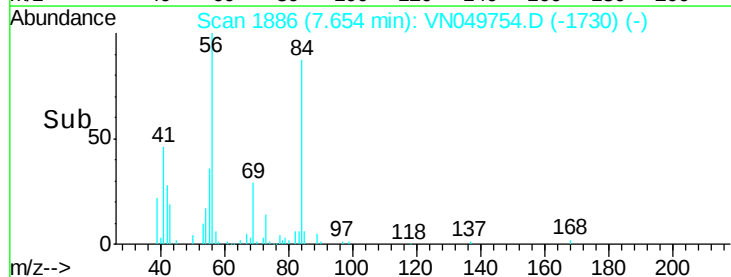
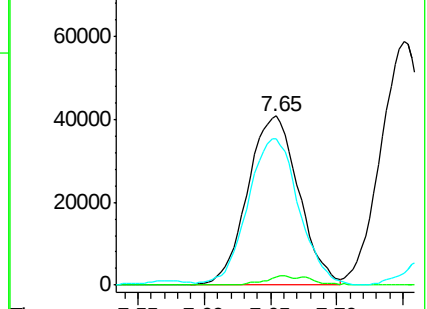
84 85.3 69.8 104.8

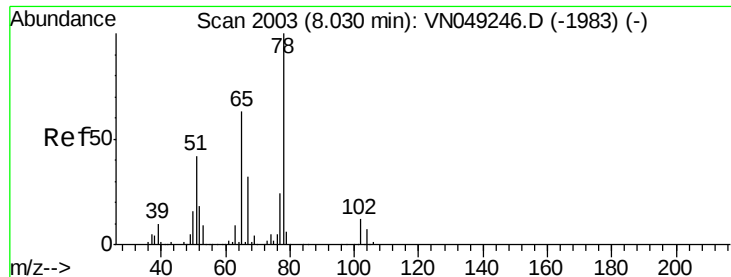


Abundance Ion 56.00 (55.70 to 56.70): VN049246.D (-1864) (-)

Ion 89.00 (88.70 to 89.70): VN049246.D (-1864) (-)

Ion 84.00 (83.70 to 84.70): VN049246.D (-1864) (-)





#27

1,2-Dichloroethane-d4

Concen: 29.206 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049754.D

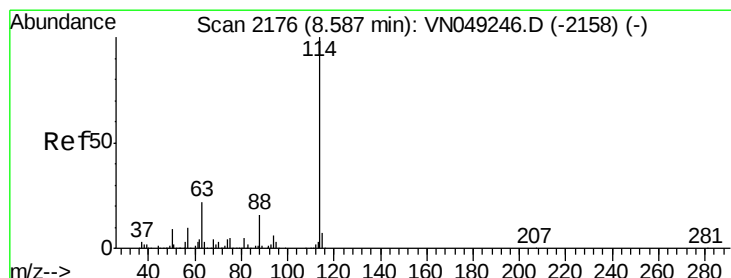
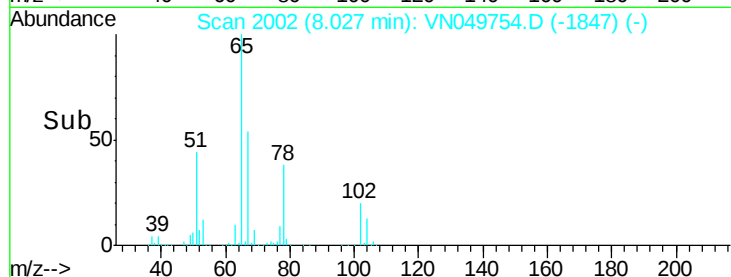
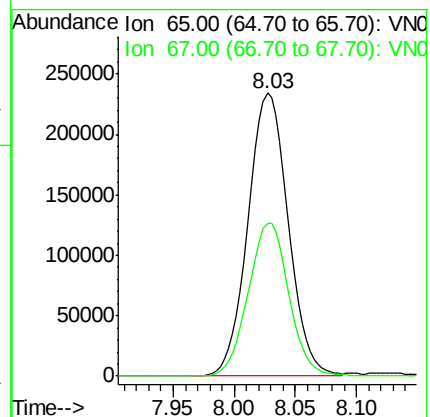
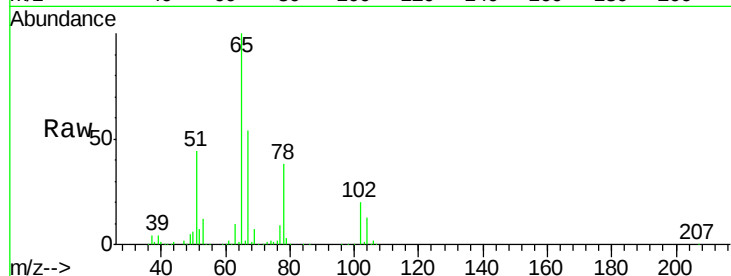
Acq: 11 Jul 2018 10:20

Tgt Ion: 65 Resp: 534782

Ion Ratio Lower Upper

65 100

67 54.5 42.7 64.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

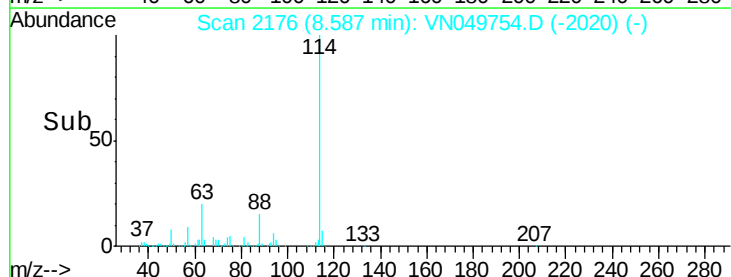
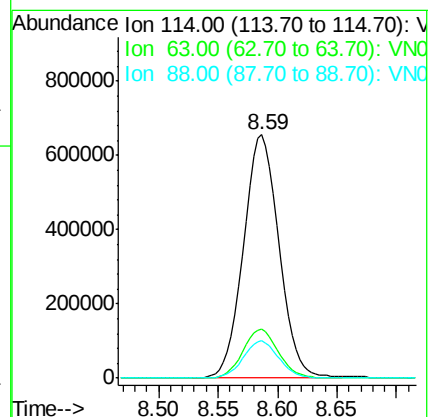
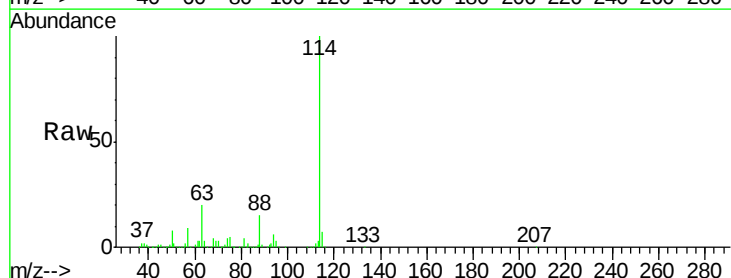
Tgt Ion: 114 Resp: 1361759

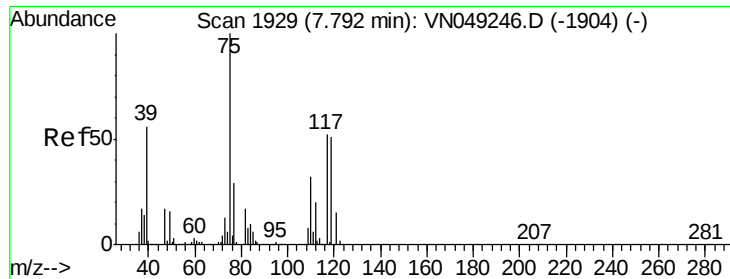
Ion Ratio Lower Upper

114 100

63 20.0 16.2 24.2

88 15.3 12.3 18.5





#29

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 7.79 min Scan# 1928

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

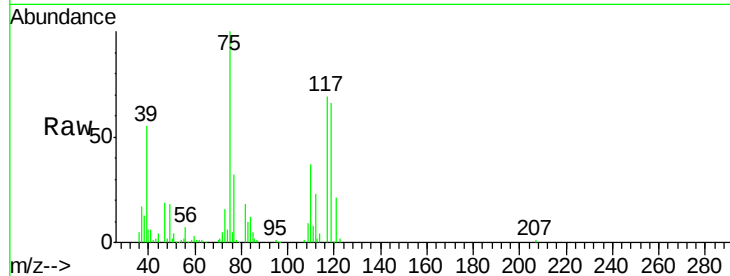
Tgt Ion: 75 Resp: 104905

Ion Ratio Lower Upper

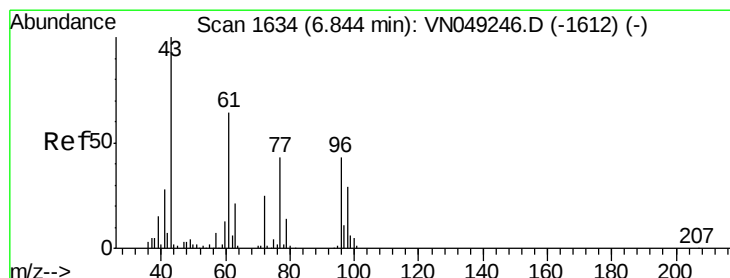
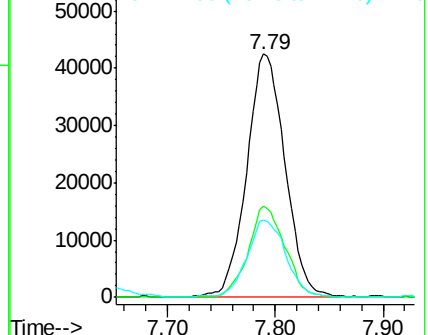
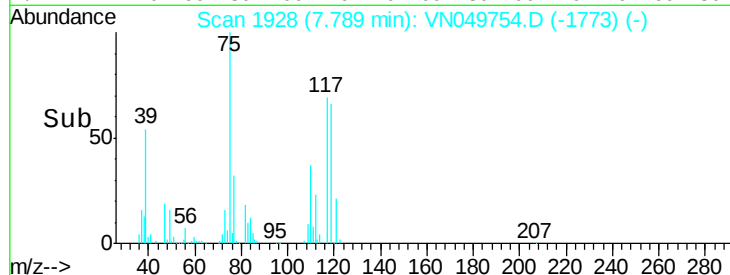
75 100

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: 24.014 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

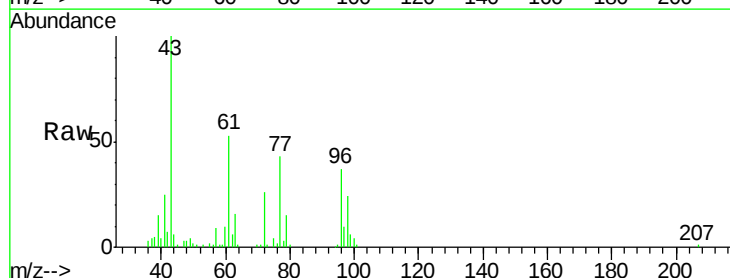
Tgt Ion: 43 Resp: 145579

Ion Ratio Lower Upper

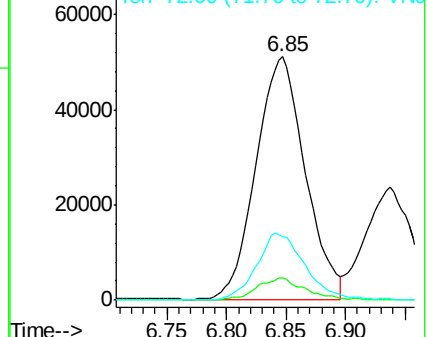
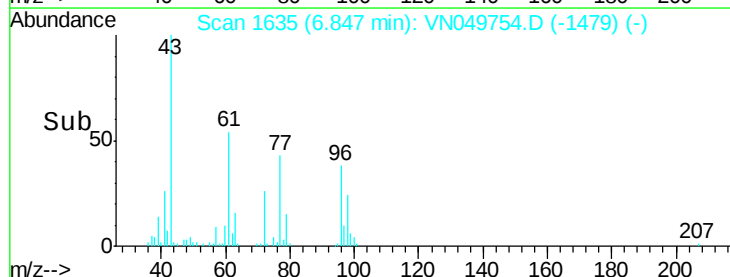
43 100

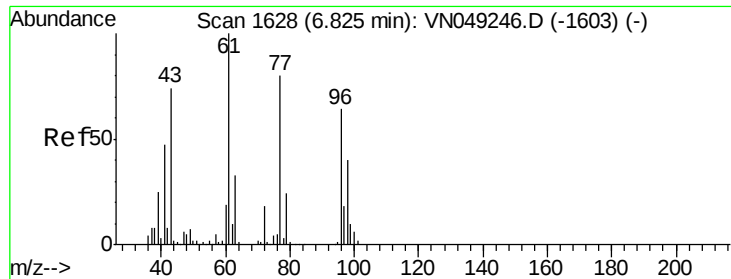
57 8.8 6.8 10.2

72 26.8 21.4 32.0



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





#31

2,2-Dichloropropane

Concen: 5.693 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN049754.D

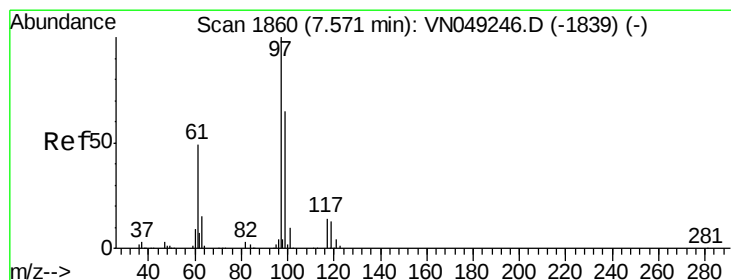
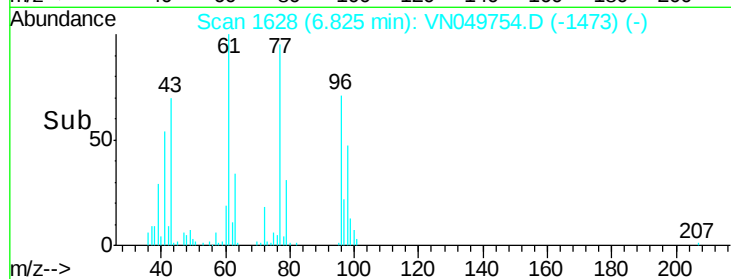
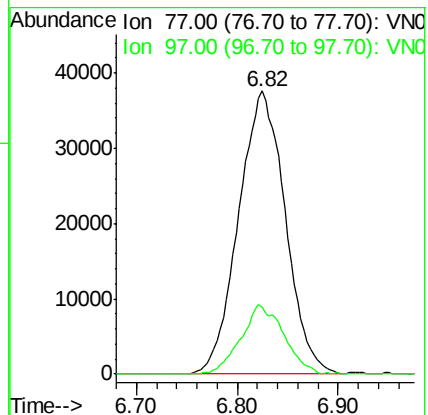
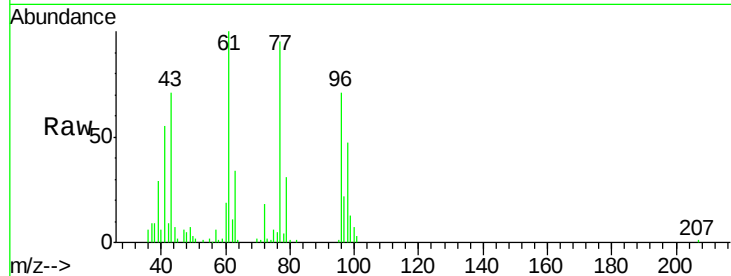
Acq: 11 Jul 2018 10:20

Tgt Ion: 77 Resp: 120760

Ion Ratio Lower Upper

77 100

97 22.5 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 5.123 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

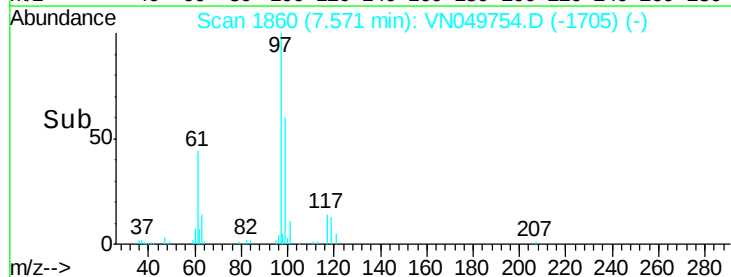
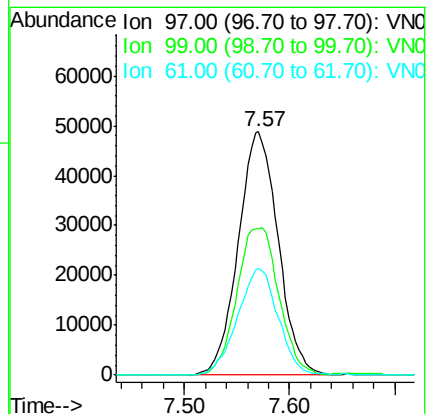
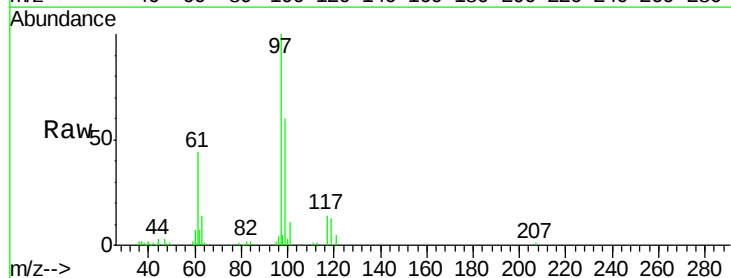
Tgt Ion: 97 Resp: 128331

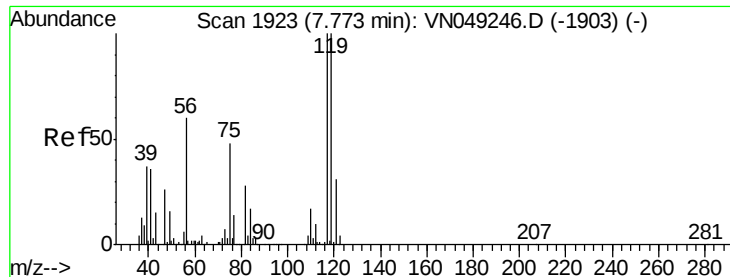
Ion Ratio Lower Upper

97 100

99 63.9 51.2 76.8

61 44.5 35.3 52.9





#33

Carbon Tetrachloride

Concen: 5.109 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

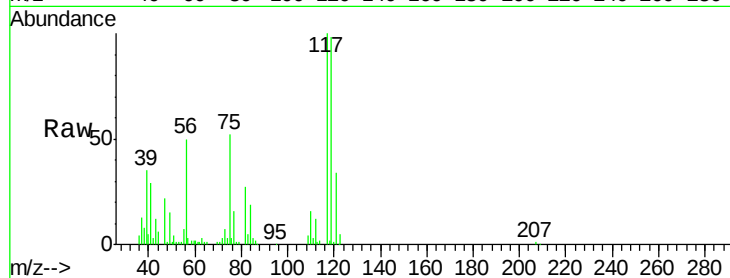
Tgt Ion: 117 Resp: 112343

Ion Ratio Lower Upper

117 100

119 98.0 76.9 115.3

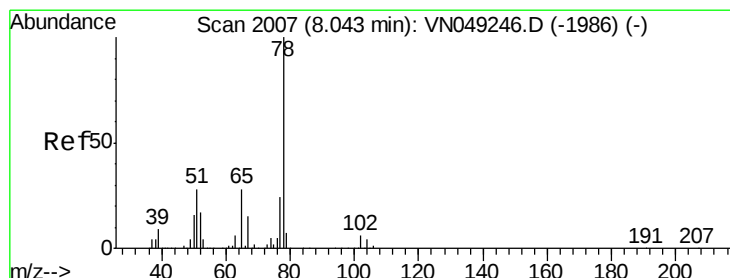
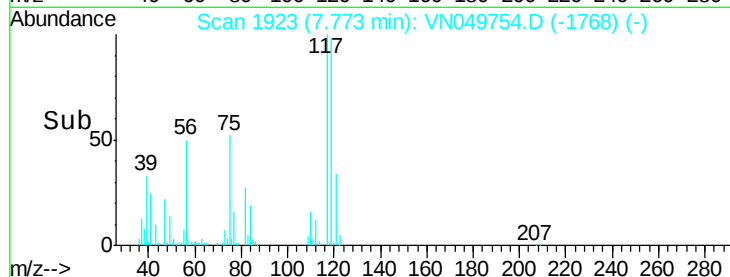
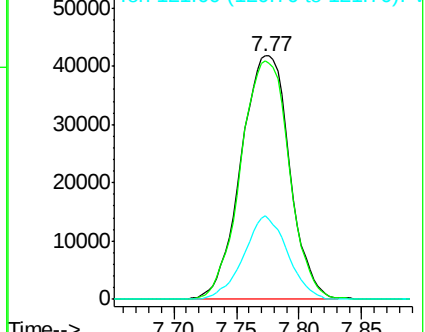
121 34.3 24.4 36.6



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: 4.862 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

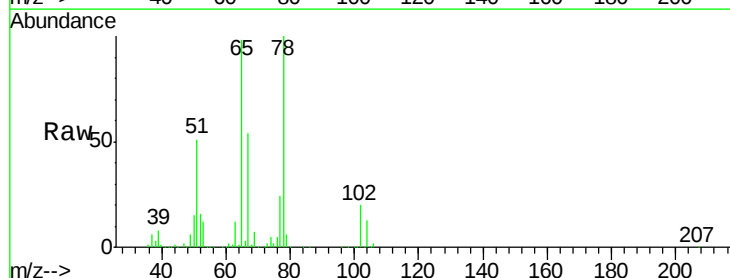
Tgt Ion: 78 Resp: 327361

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

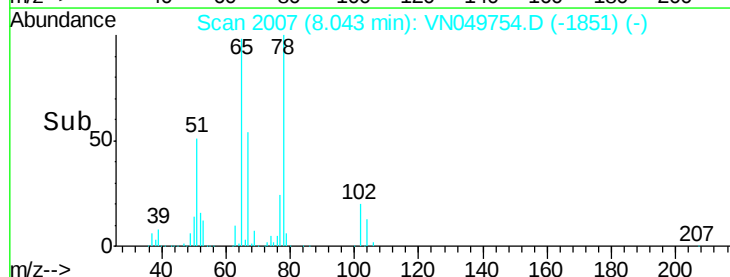
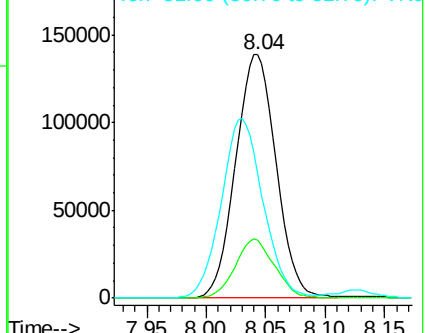
51 49.9 21.0 31.4#

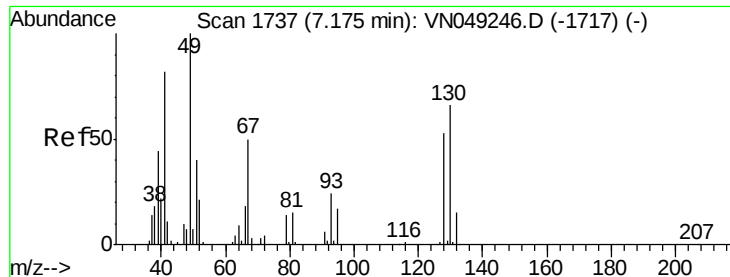


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

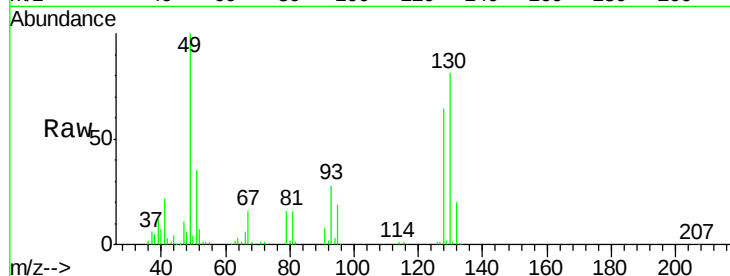
Ion 51.00 (50.70 to 51.70): V



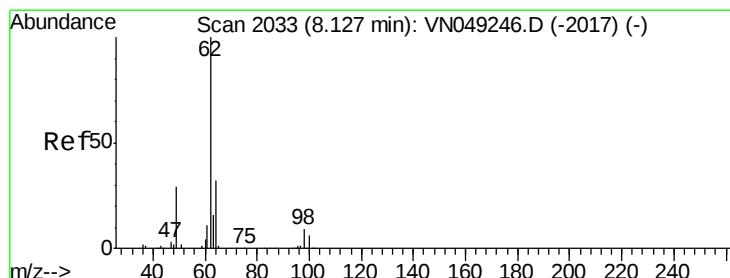
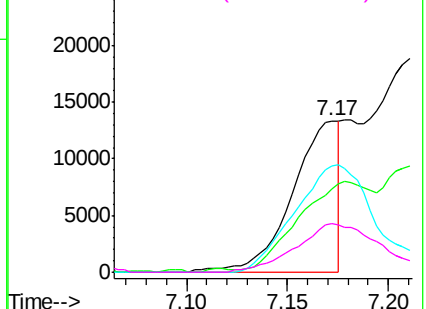
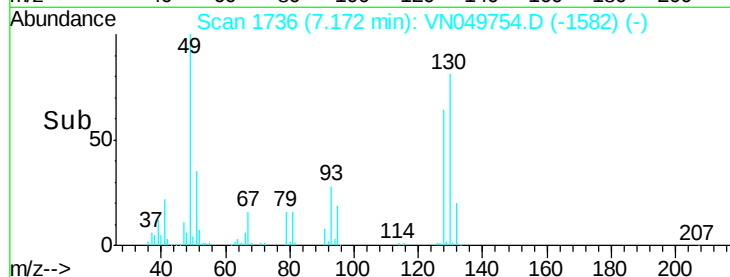


#35
Methacrylonitrile
Concen: 2.807 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion: 41 Resp: 21330
Ion Ratio Lower Upper
41 100
39 55.1 27.6 82.7
67 70.3 35.1 105.5
52 32.6 14.1 42.4

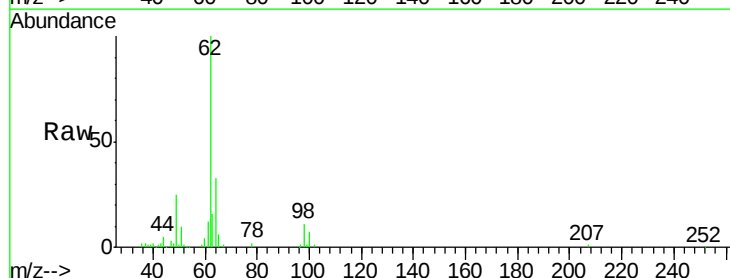


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

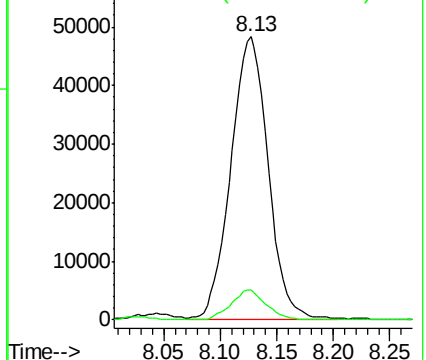
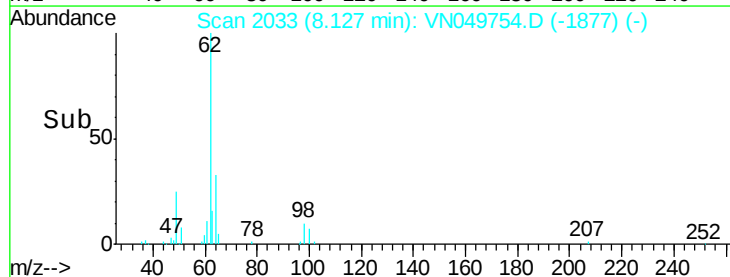


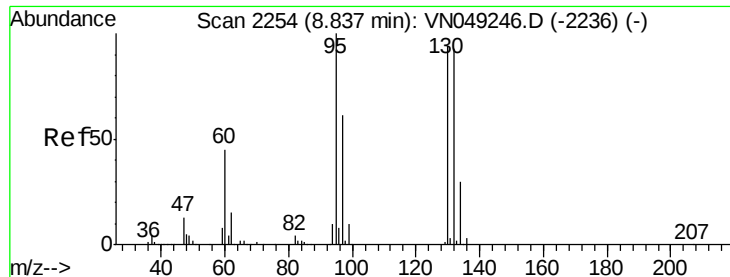
#36
1,2-Dichloroethane
Concen: 5.175 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

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



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 5.214 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049754.D

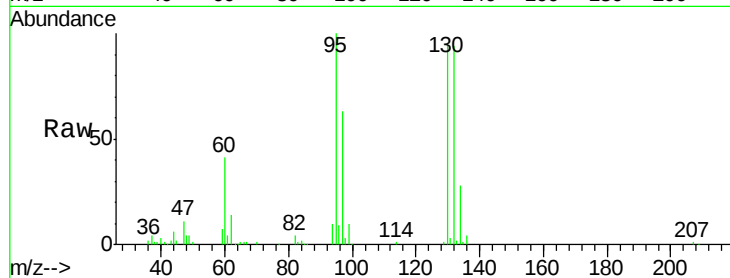
Acq: 11 Jul 2018 10:20

Tgt Ion: 130 Resp: 86067

Ion Ratio Lower Upper

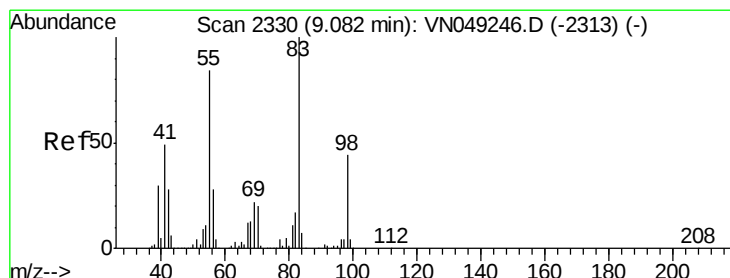
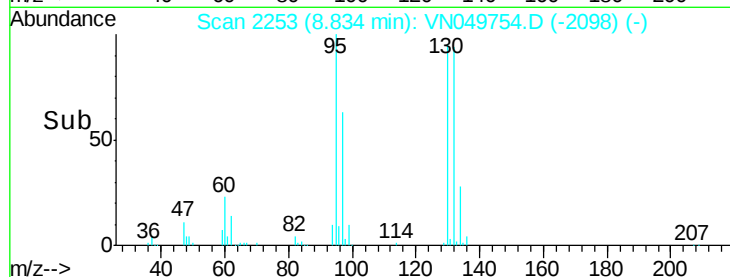
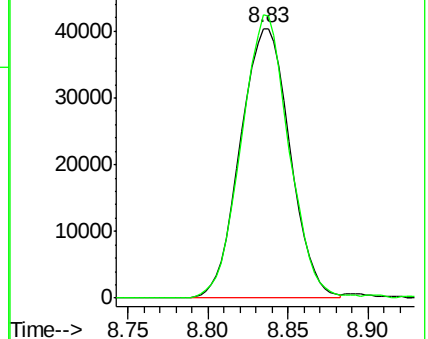
130 100

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: 4.779 ug/l

RT: 9.08 min Scan# 2329

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

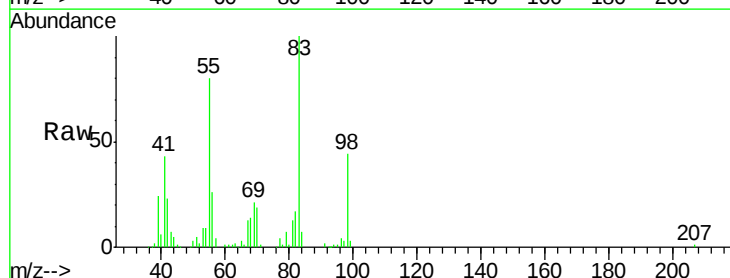
Tgt Ion: 83 Resp: 109738

Ion Ratio Lower Upper

83 100

55 79.0 39.3 117.8

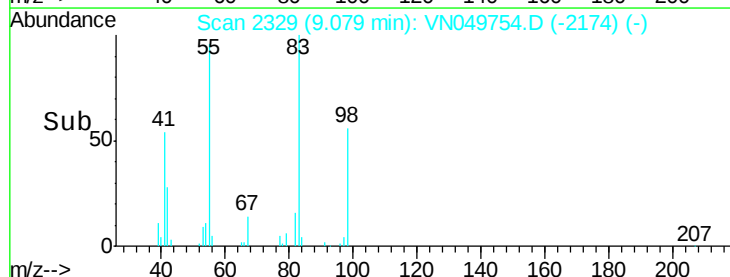
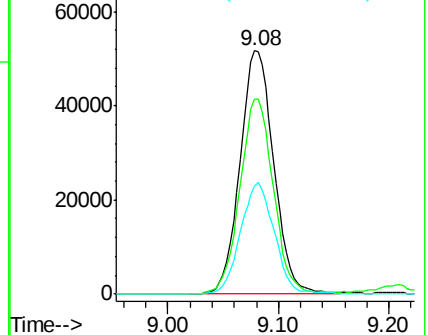
98 45.5 23.0 69.0

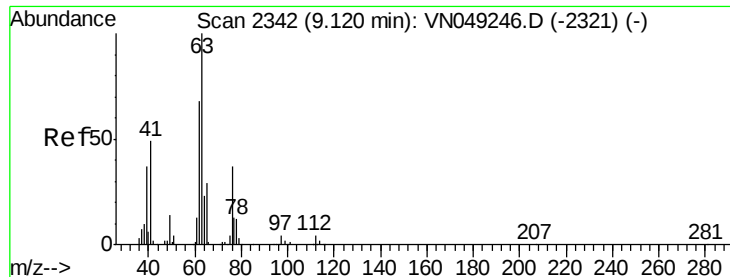


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#39

1,2-Dichloropropane

Concen: 4.704 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049754.D

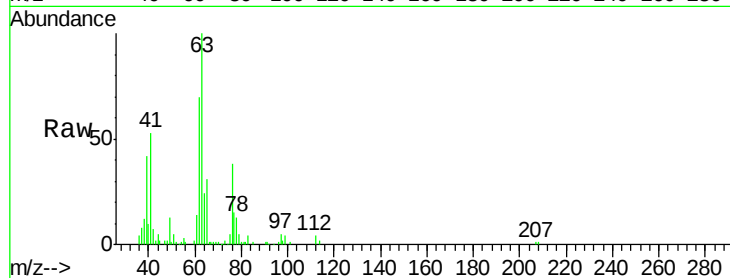
Acq: 11 Jul 2018 10:20

Tgt Ion: 63 Resp: 86111

Ion Ratio Lower Upper

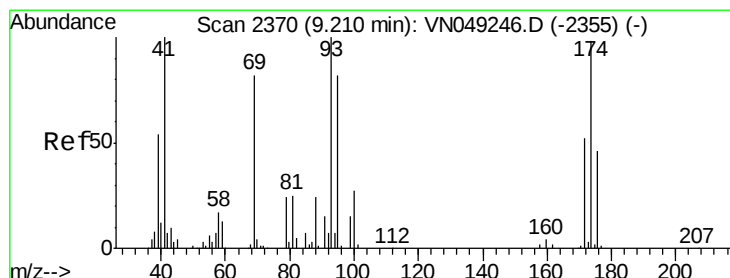
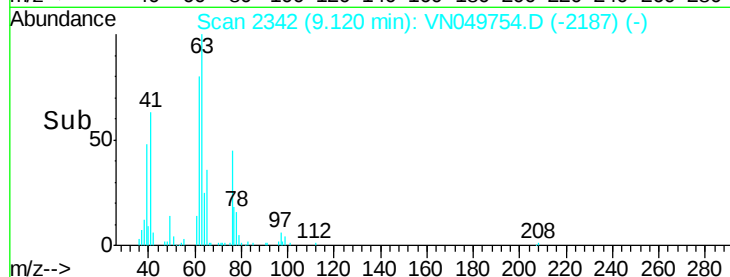
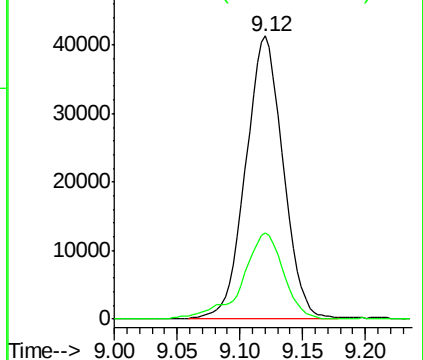
63 100

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: 4.988 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

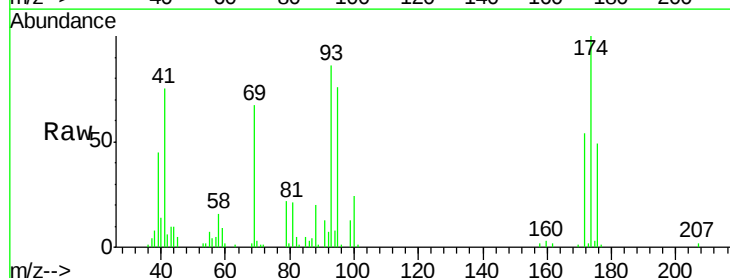
Tgt Ion: 93 Resp: 51125

Ion Ratio Lower Upper

93 100

95 85.5 0.0 165.6

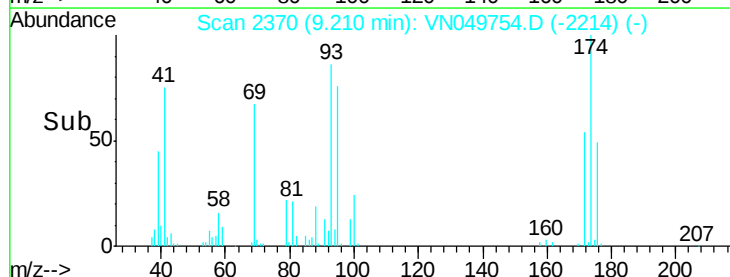
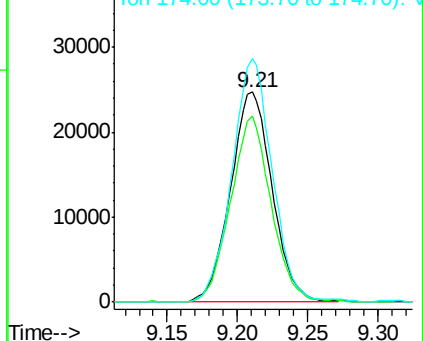
174 111.3 0.0 223.2

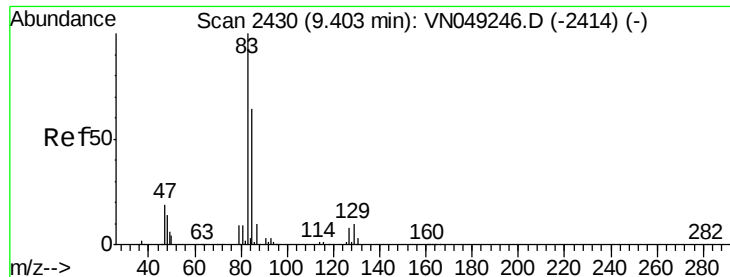


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 4.925 ug/l

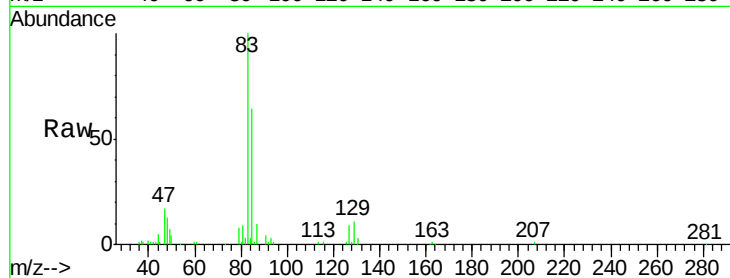
RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

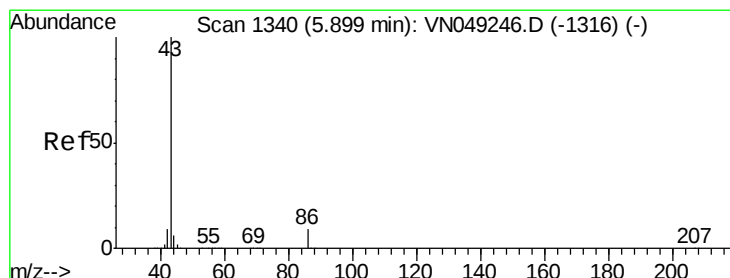
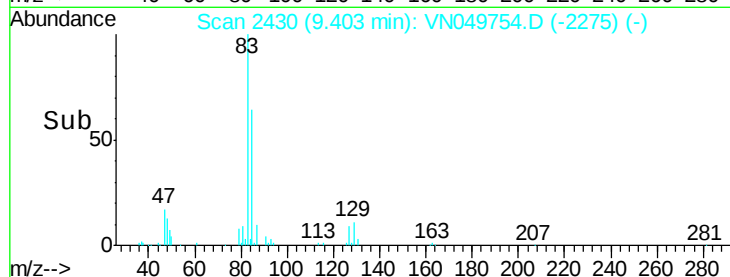
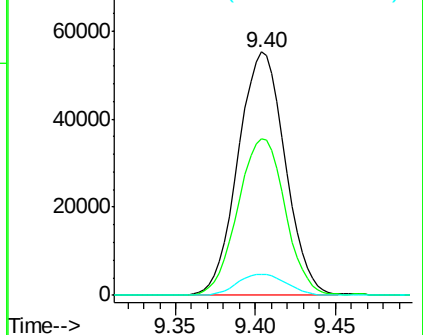
Tgt Ion:	83	Resp:	111487
Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	78.8
127	8.8	7.0	10.4



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: 20.950 ug/l

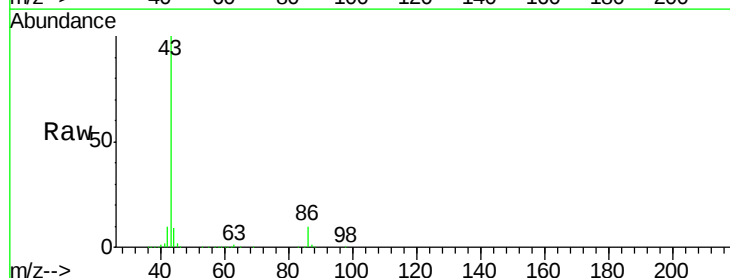
RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049754.D

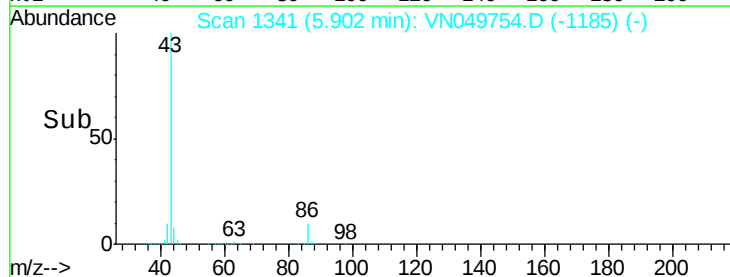
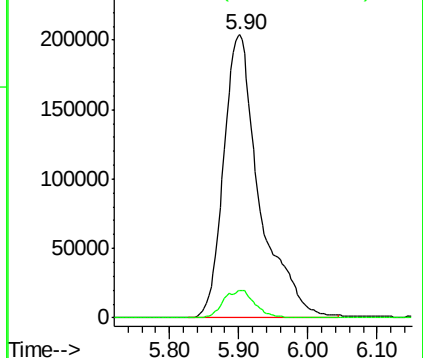
Acq: 11 Jul 2018 10:20

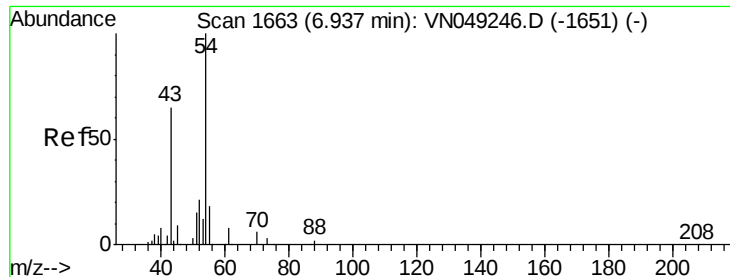
Tgt Ion:	43	Resp:	735091
Ion	Ratio	Lower	Upper
43	100		
86	2.6	7.3	10.9#



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: 4.197 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049754.D

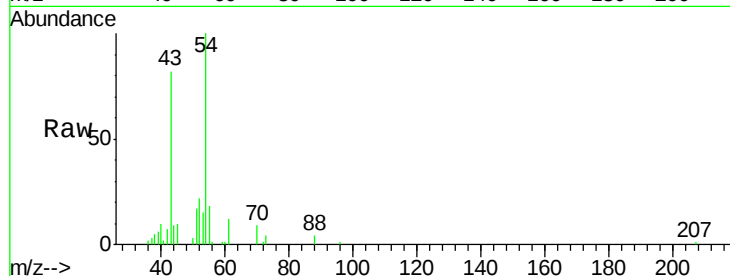
Acq: 11 Jul 2018 10:20

Tgt Ion: 43 Resp: 57493

Ion Ratio Lower Upper

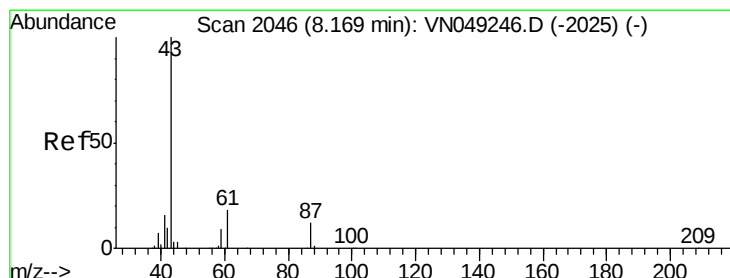
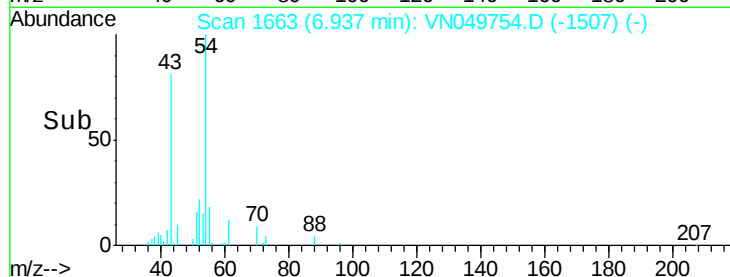
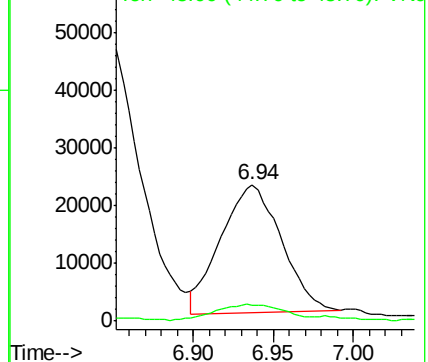
43 100

45 13.8 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 4.291 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN049754.D

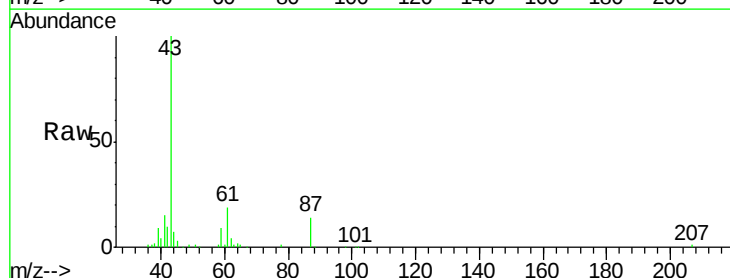
Acq: 11 Jul 2018 10:20

Tgt Ion: 43 Resp: 112245

Ion Ratio Lower Upper

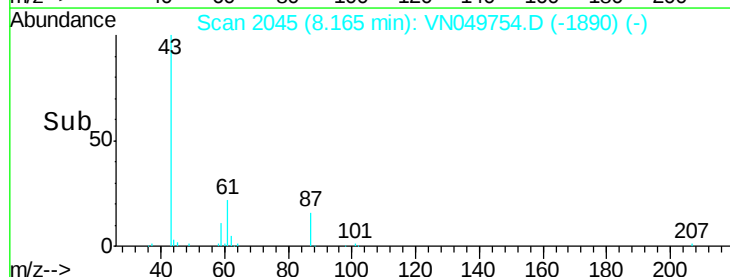
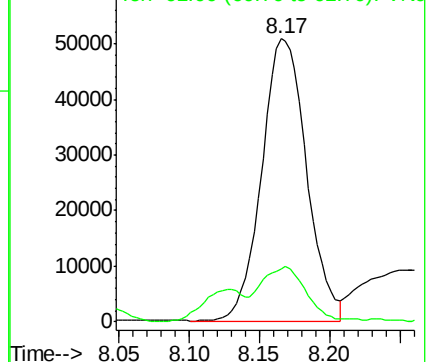
43 100

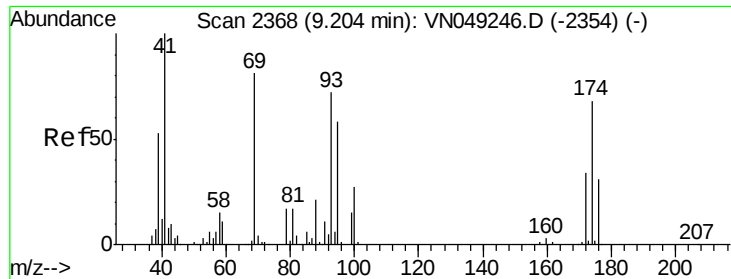
61 18.8 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 92.265 ug/l

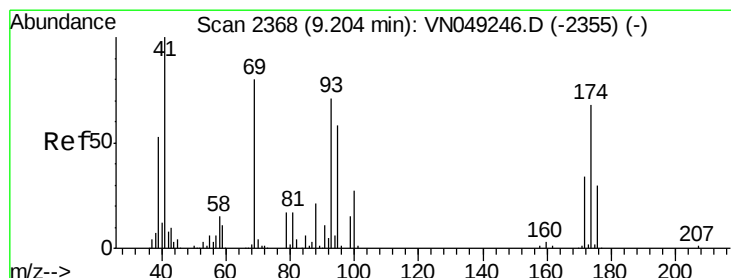
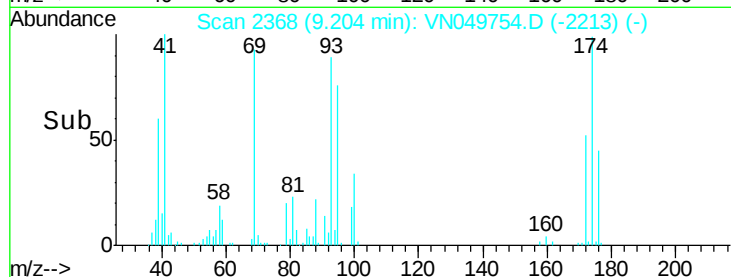
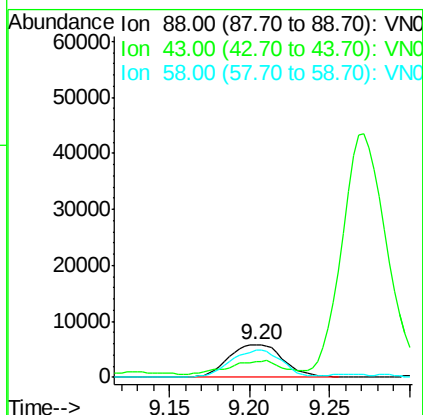
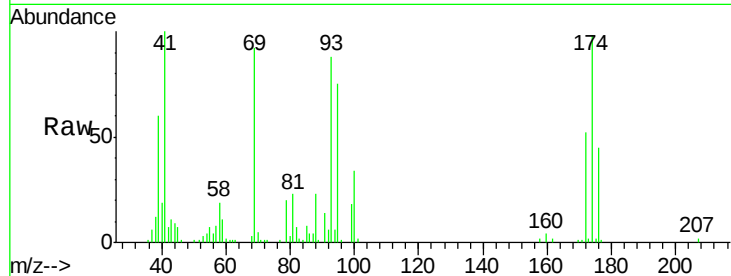
RT: 9.20 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

Tgt Ion:	88	Resp:	13739
Ion	Ratio	Lower	Upper
88	100		
43	21.6	26.9	40.3#
58	78.1	53.6	80.4



#46

Methyl methacrylate

Concen: 4.070 ug/l

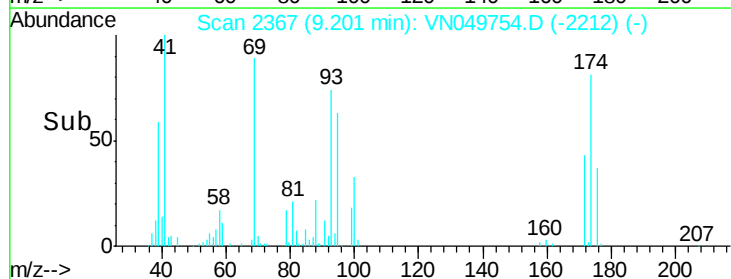
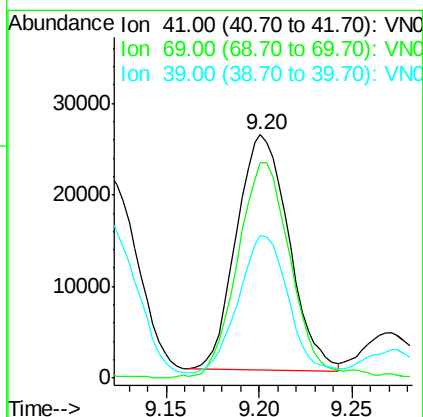
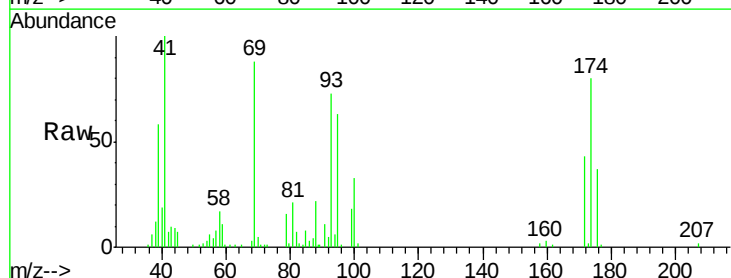
RT: 9.20 min Scan# 2367

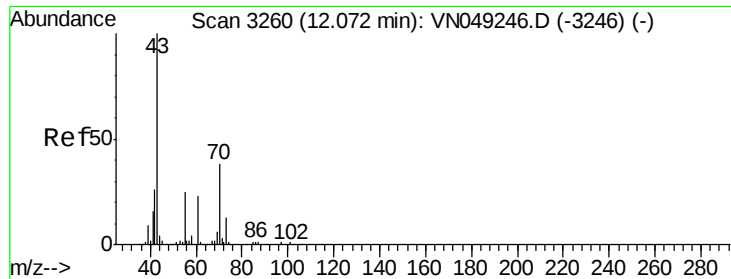
Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

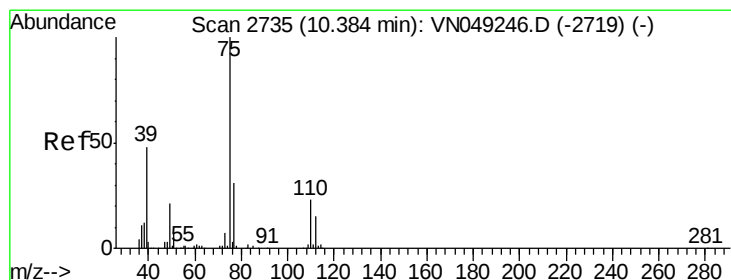
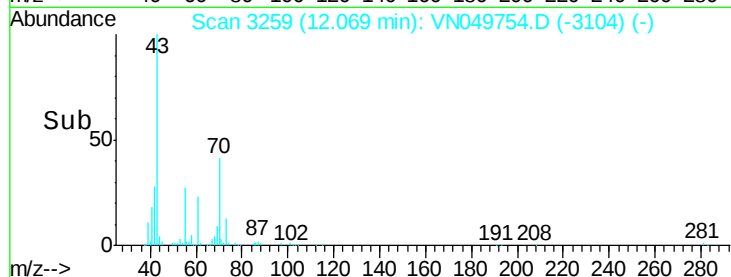
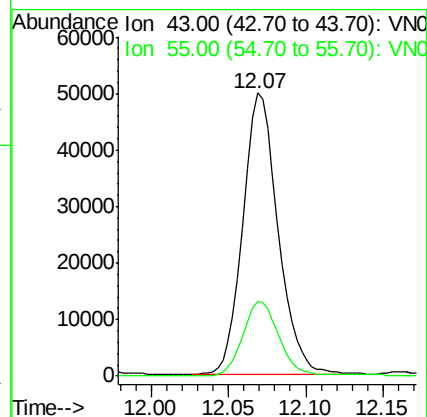
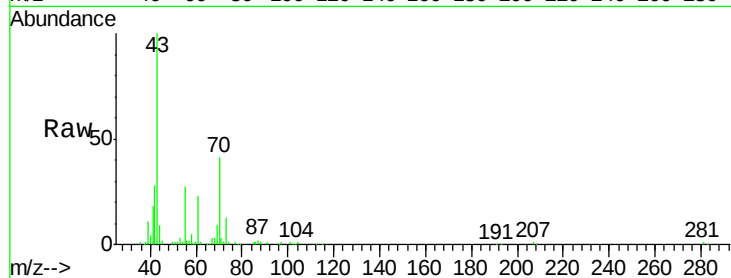
Tgt Ion:	41	Resp:	50392
Ion	Ratio	Lower	Upper
41	100		
69	90.7	44.0	132.1
39	58.5	27.0	80.8





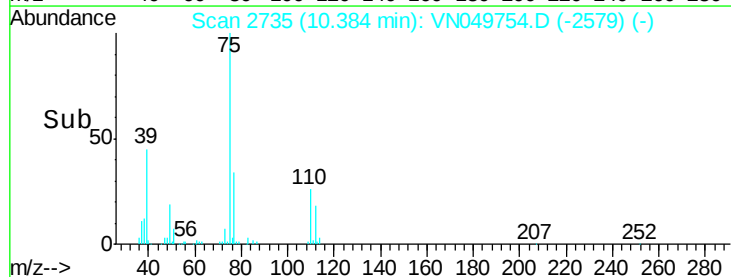
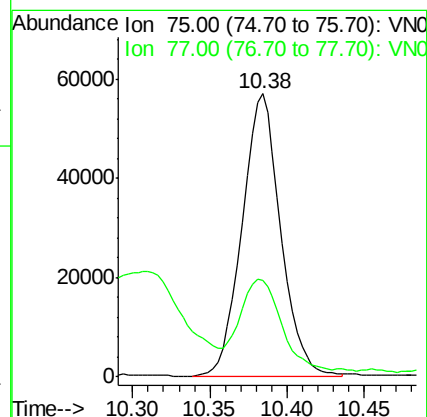
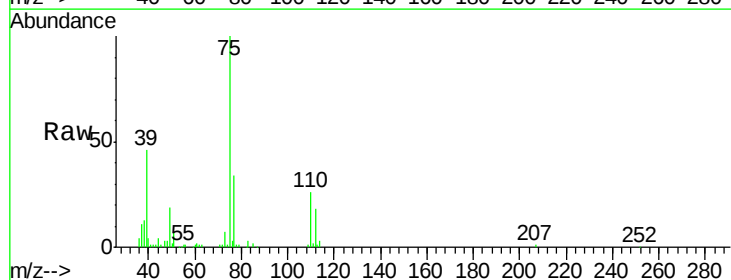
#47
n-amyl Acetate
Concen: 3.779 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

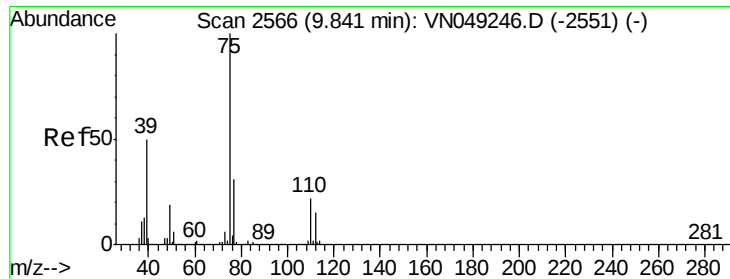
Tgt Ion: 43 Resp: 78609
Ion Ratio Lower Upper
43 100
55 27.5 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 4.497 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

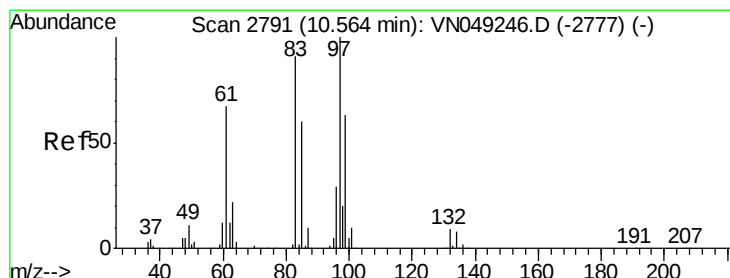
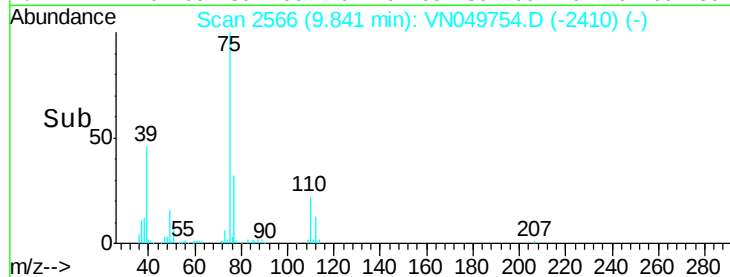
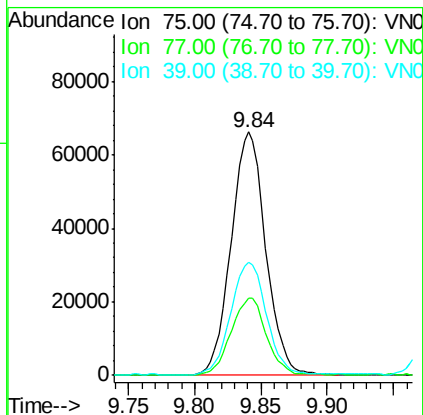
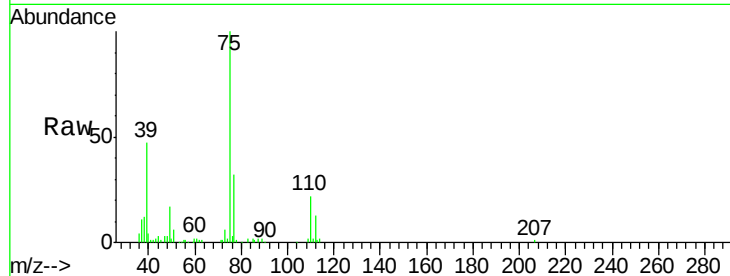




#49

cis-1,3-Dichloropropene
Concen: 4.686 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

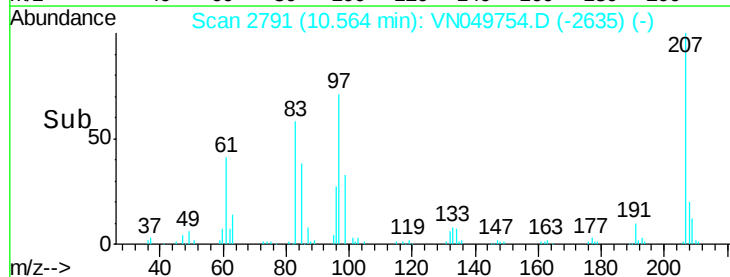
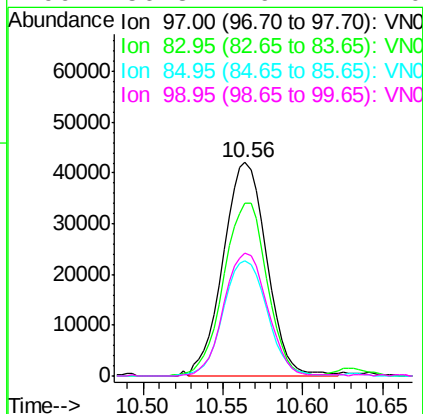
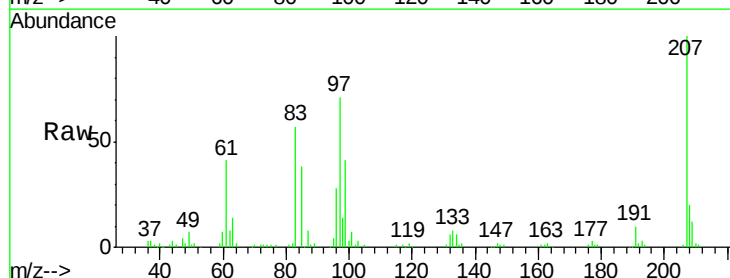
Tgt Ion:	75	Resp:	120505
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.7	38.5
39	46.6	36.3	54.5

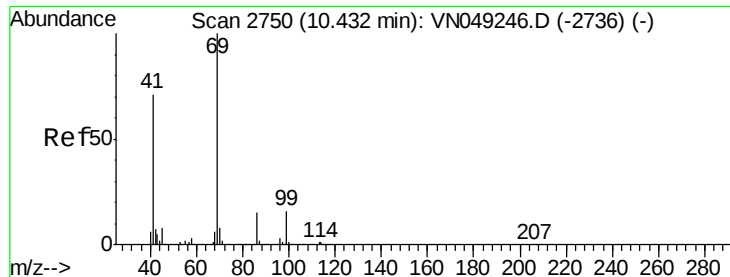


#50

1,1,2-Trichloroethane
Concen: 5.344 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:	97	Resp:	78245
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: 4.165 ug/l

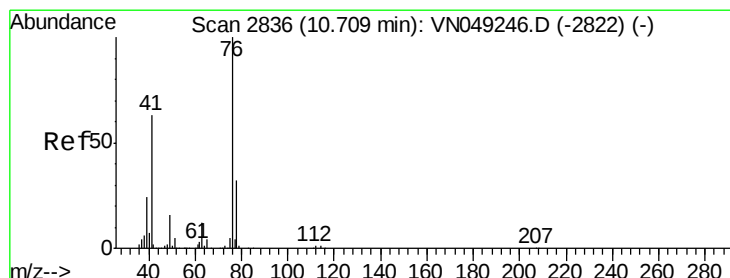
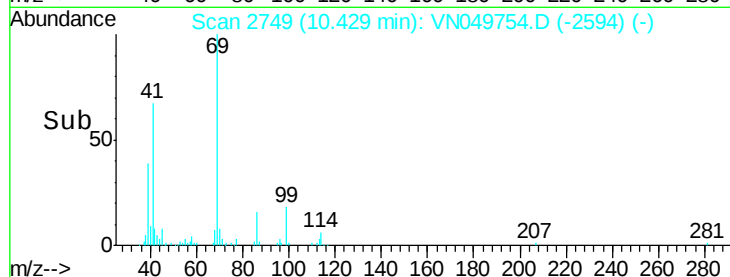
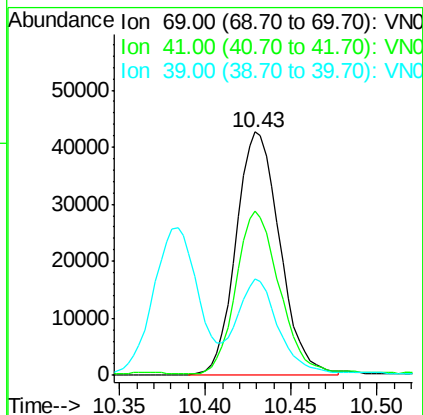
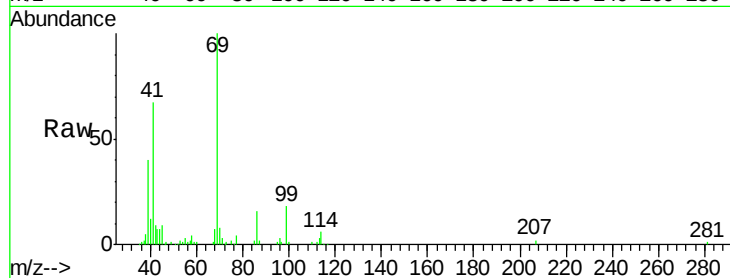
RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

Tgt Ion:	69	Resp:	75803
Ion	Ratio	Lower	Upper
69	100		
41	66.4	31.9	95.9
39	38.3	16.7	50.1



#52

1,3-Dichloropropane

Concen: 4.787 ug/l

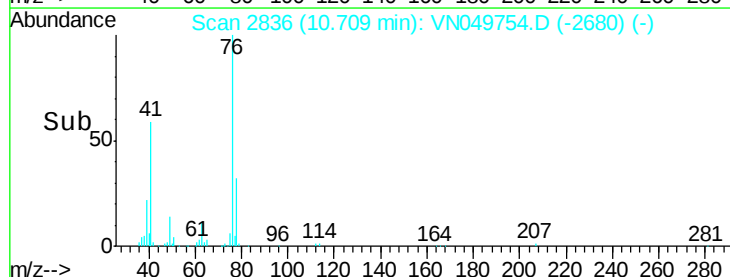
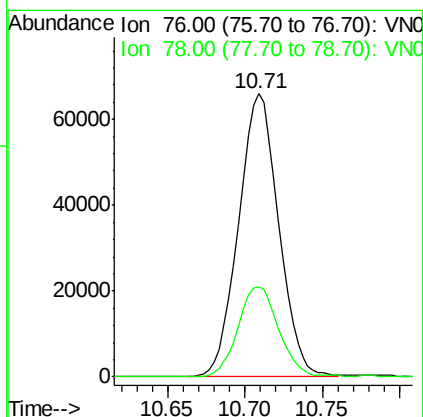
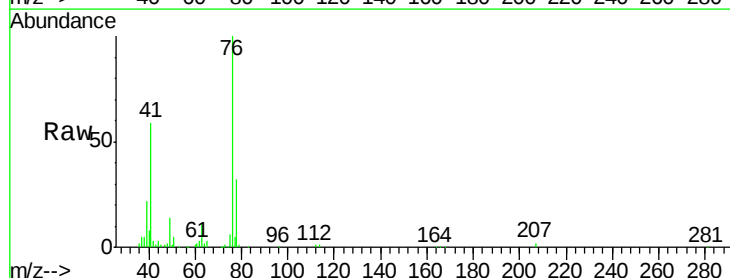
RT: 10.71 min Scan# 2836

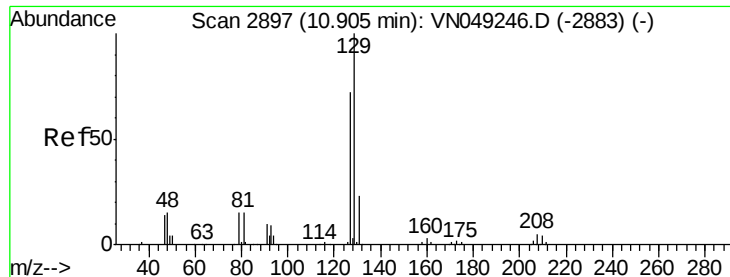
Delta R.T. 0.00 min

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





#53

Dibromochloromethane

Concen: 5.034 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049754.D

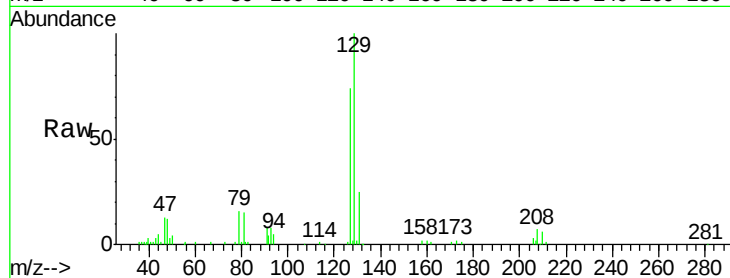
Acq: 11 Jul 2018 10:20

Tgt Ion:129 Resp: 81967

Ion Ratio Lower Upper

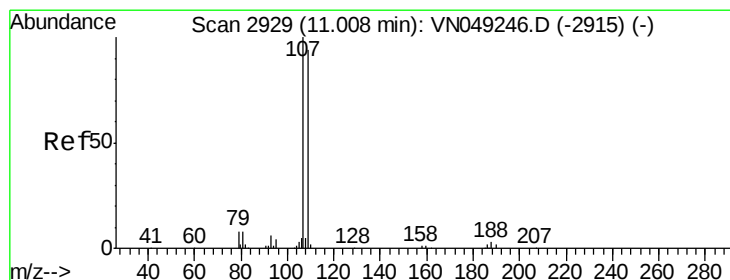
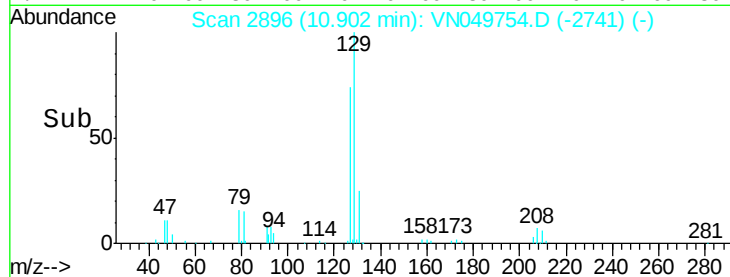
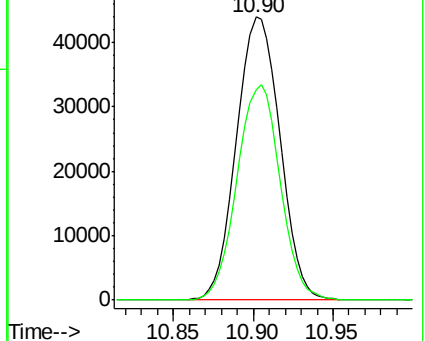
129 100

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: 5.108 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049754.D

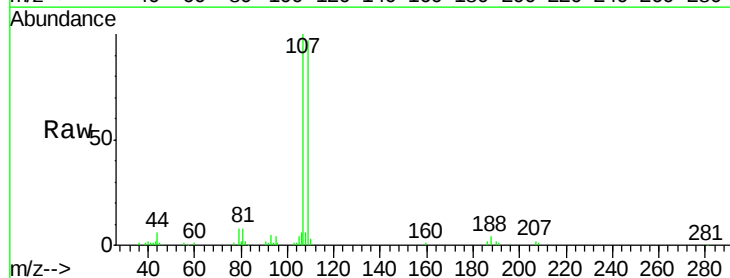
Acq: 11 Jul 2018 10:20

Tgt Ion:107 Resp: 69788

Ion Ratio Lower Upper

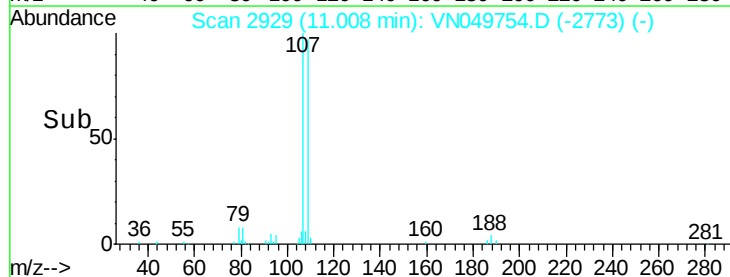
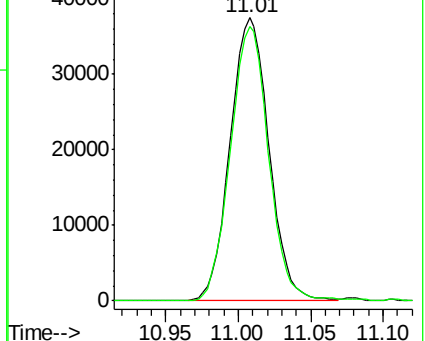
107 100

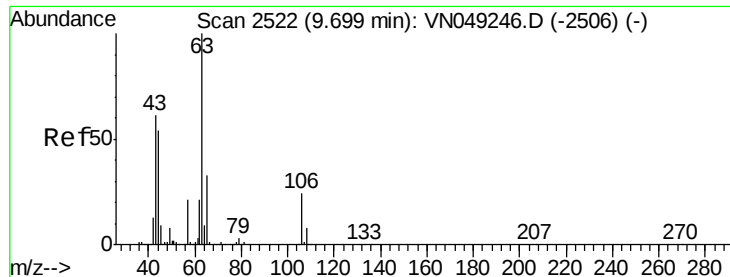
109 94.6 76.2 114.2



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: 28.966 ug/l

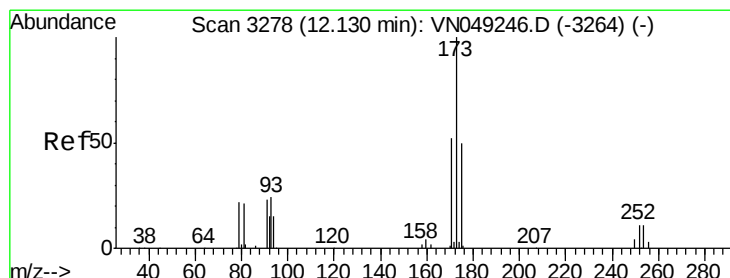
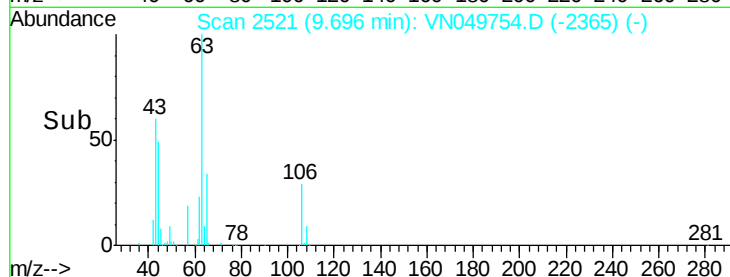
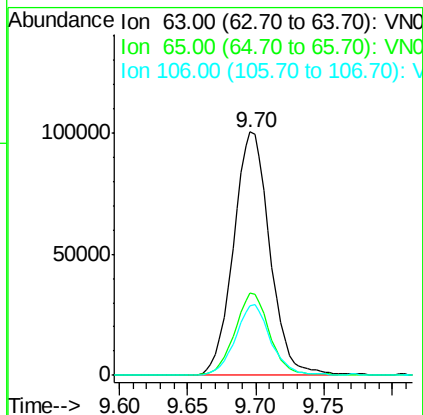
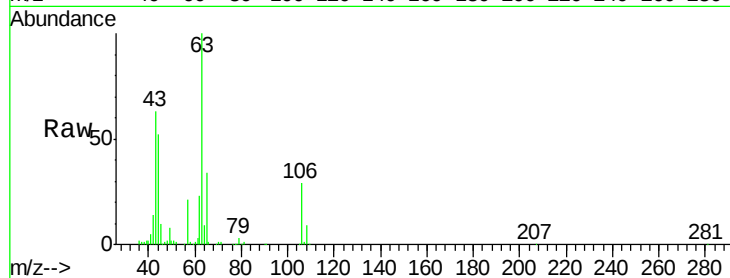
RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

Tgt Ion:	63	Resp:	185851
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3
106	28.0	21.8	32.6



#56

Bromoform

Concen: 4.834 ug/l

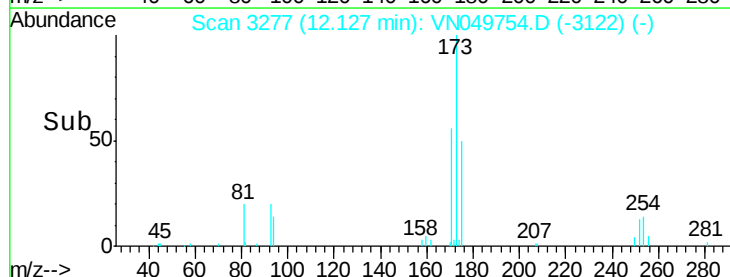
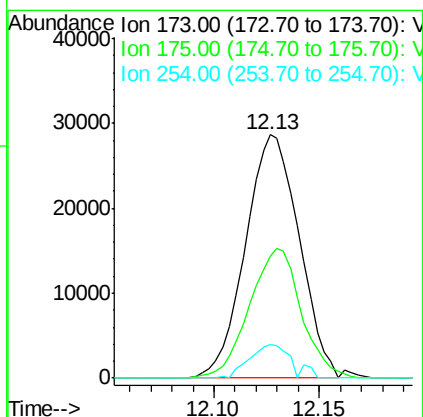
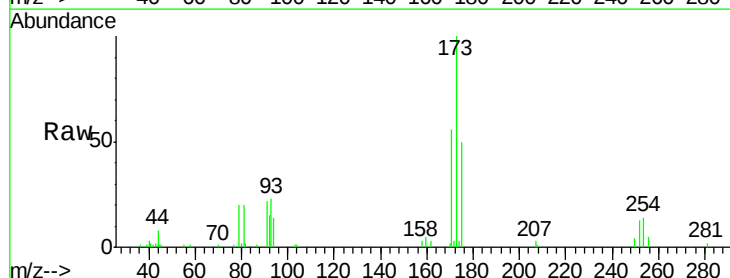
RT: 12.13 min Scan# 3277

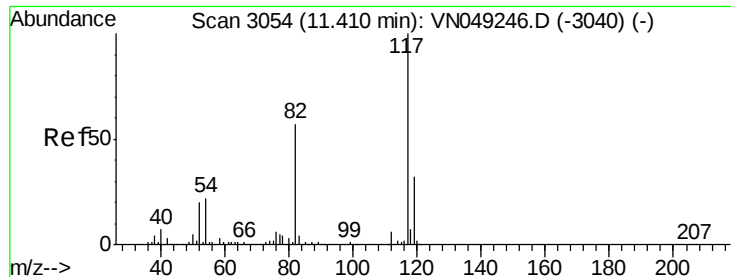
Delta R.T. -0.00 min

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

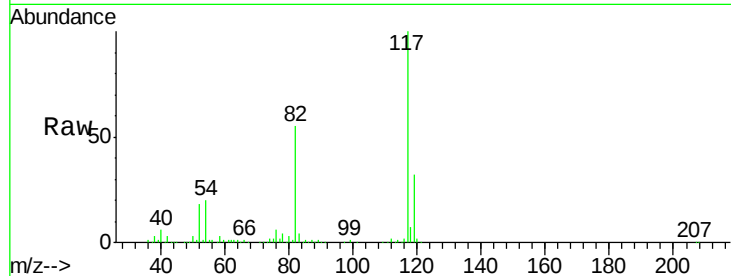




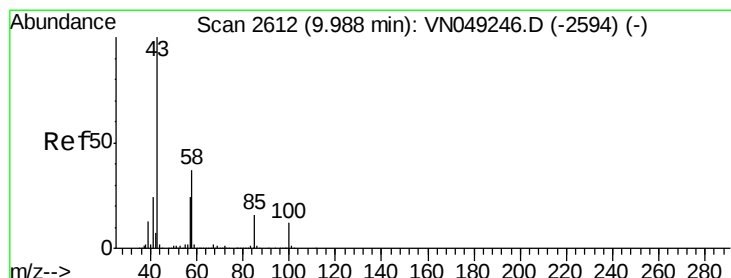
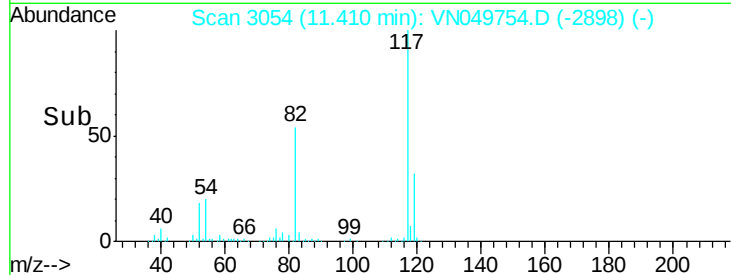
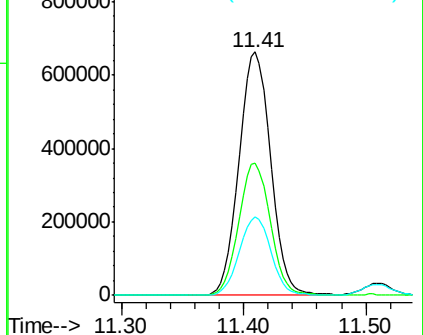
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion: 117 Resp: 1191021

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



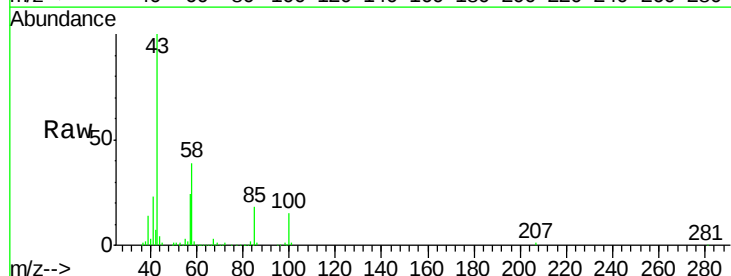
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



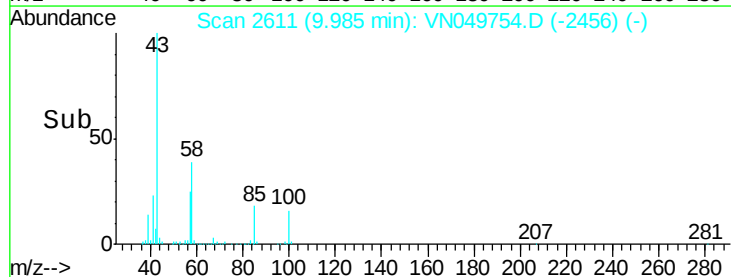
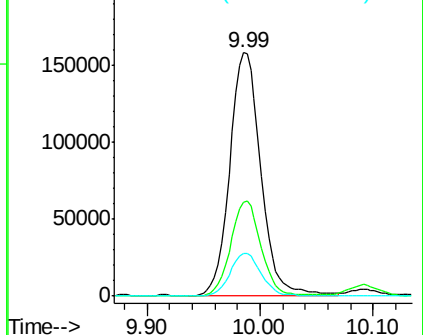
#58
4-Methyl-2-Pentanone
Concen: 22.448 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

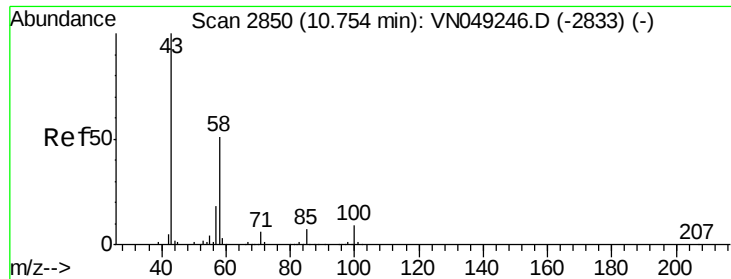
Tgt Ion: 43 Resp: 301958

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



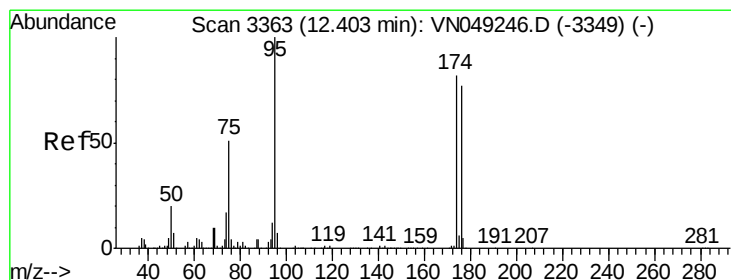
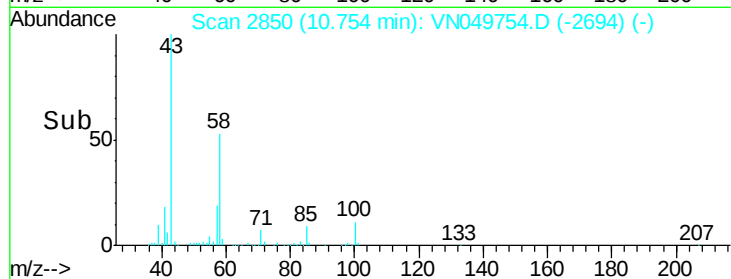
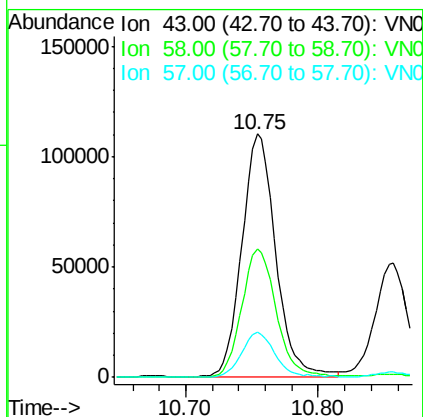
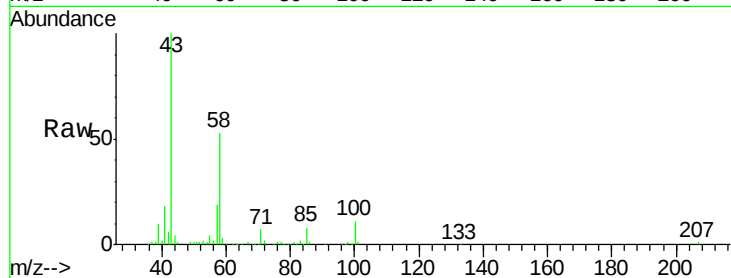
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





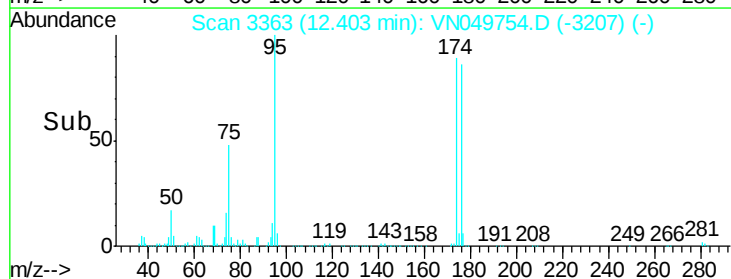
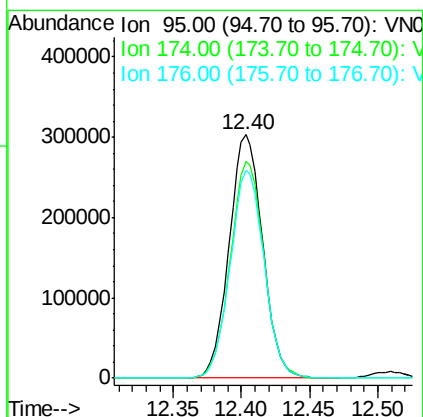
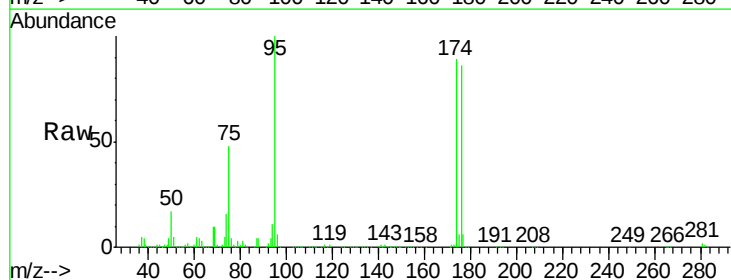
#59
2-Hexanone
Concen: 22.831 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

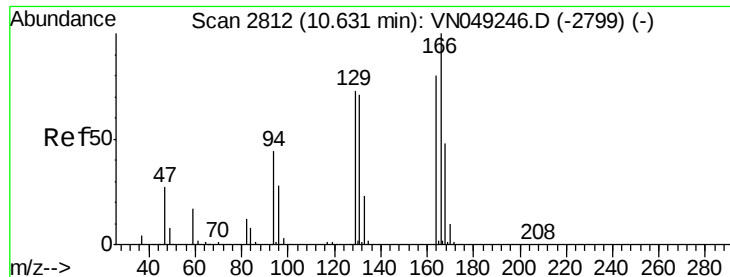
Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.8	65.8
57	18.1	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 27.646 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

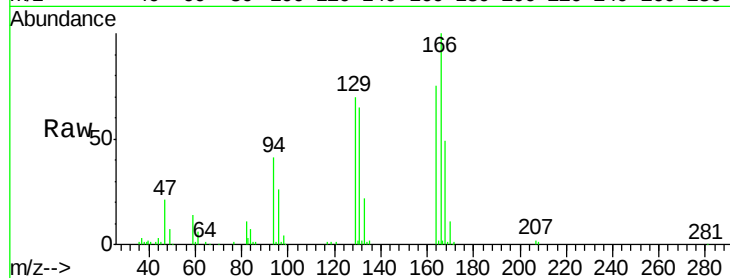
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	72.3	108.5
176	86.4	70.0	105.0



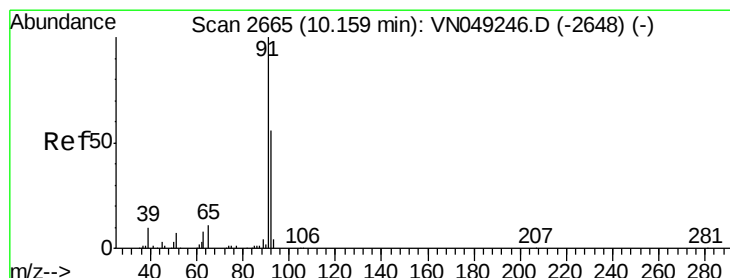
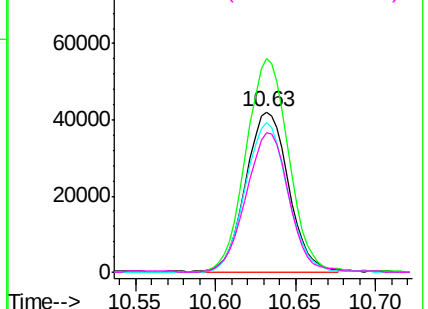
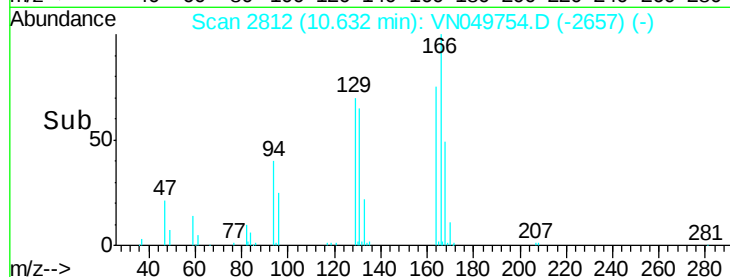


#61
Tetrachloroethene
Concen: 4.926 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt 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

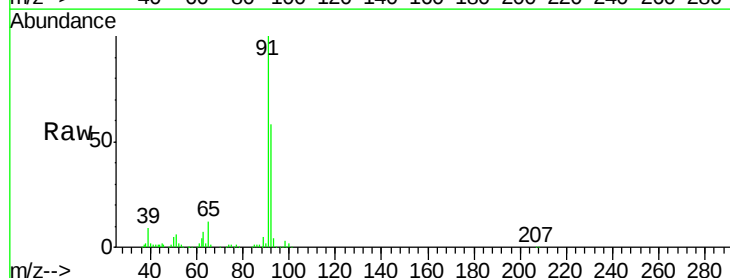


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

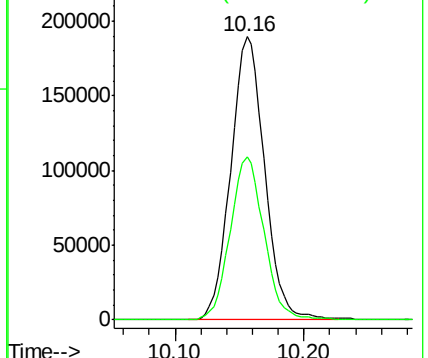
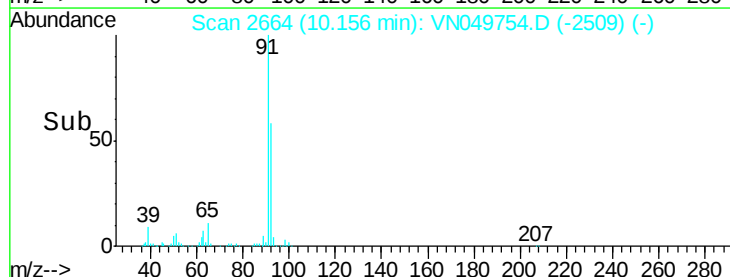


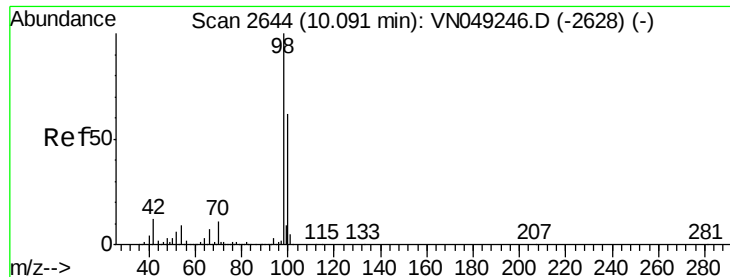
#62
Toluene
Concen: 4.990 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

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): V
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.686 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049754.D

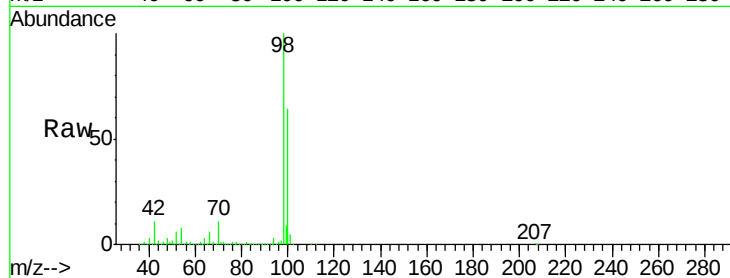
Acq: 11 Jul 2018 10:20

Tgt 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

10.09

800000

600000

400000

200000

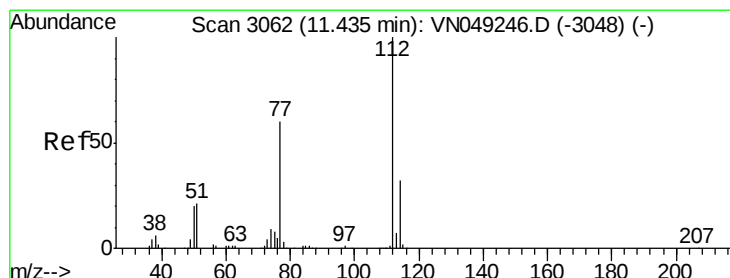
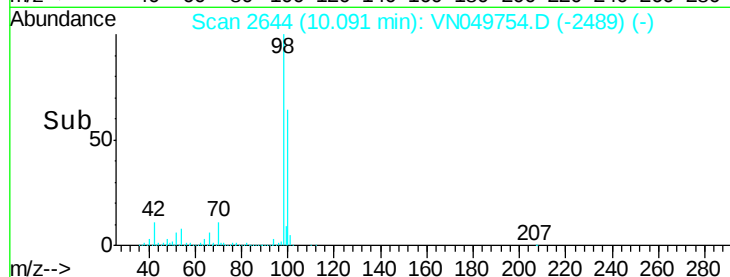
0

Time-->

10.00

10.10

10.20



#64

Chlorobenzene

Concen: 5.153 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049754.D

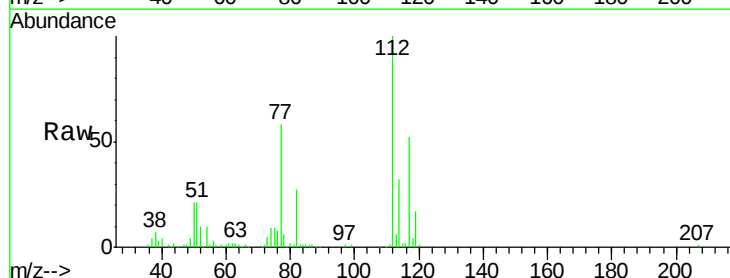
Acq: 11 Jul 2018 10:20

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

11.44

100000

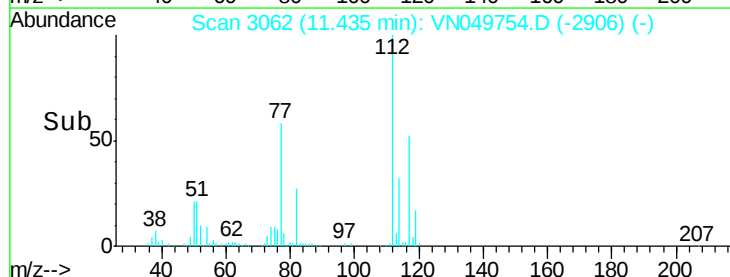
50000

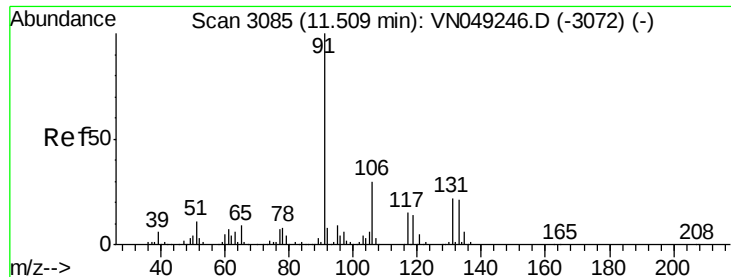
0

Time-->

11.40

11.50





#65

1,1,1,2-Tetrachloroethane

Concen: 5.334 ug/l

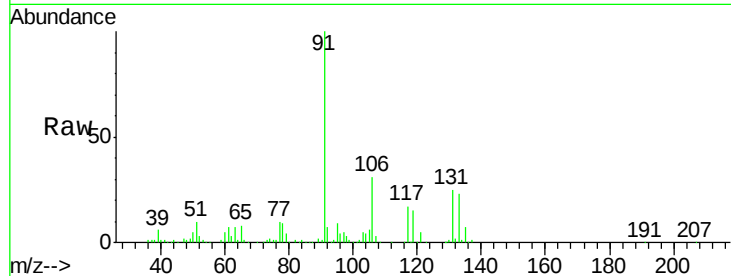
RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

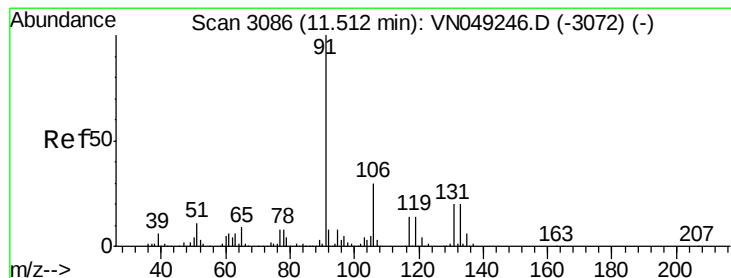
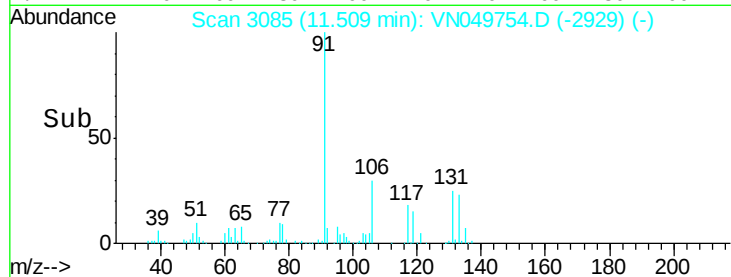
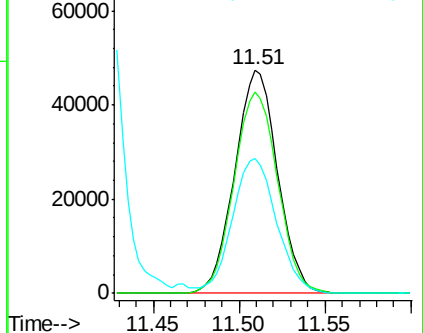
Tgt Ion:	131	Resp:	81836
Ion	Ratio	Lower	Upper
131	100		
133	92.3	0.0	190.0
119	62.6	0.0	131.6



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: 4.573 ug/l

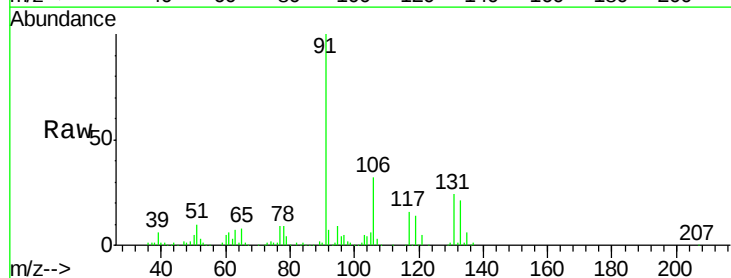
RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049754.D

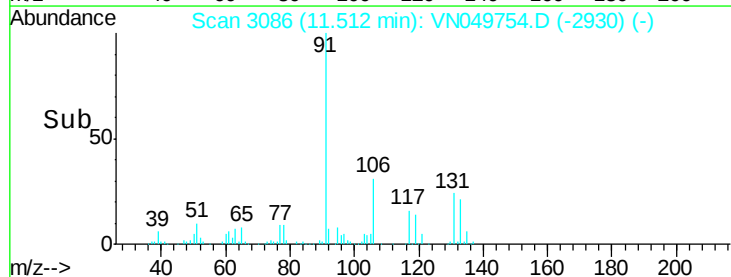
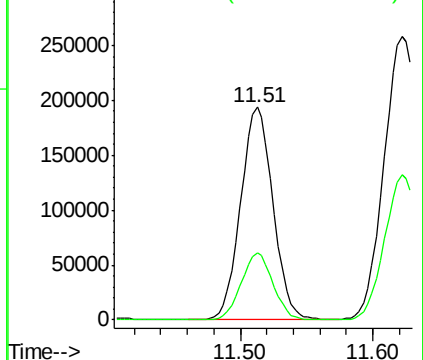
Acq: 11 Jul 2018 10:20

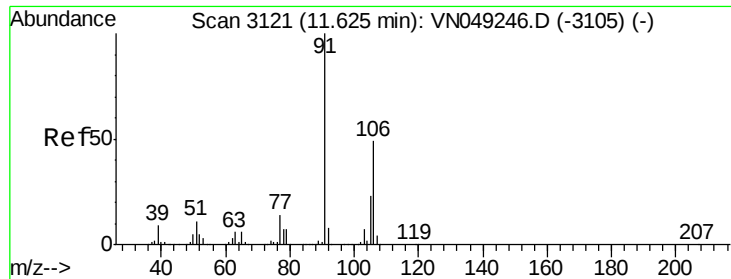
Tgt Ion:	91	Resp:	327738
Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.1	37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

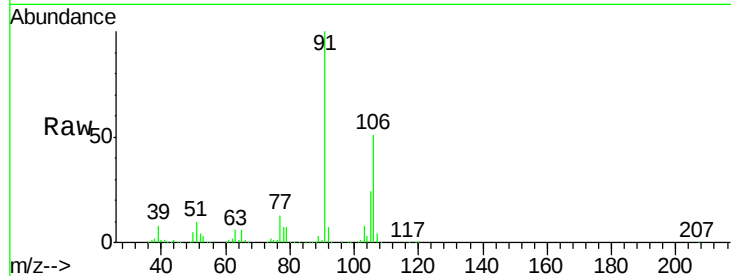
Ion 106.00 (105.70 to 106.70): V



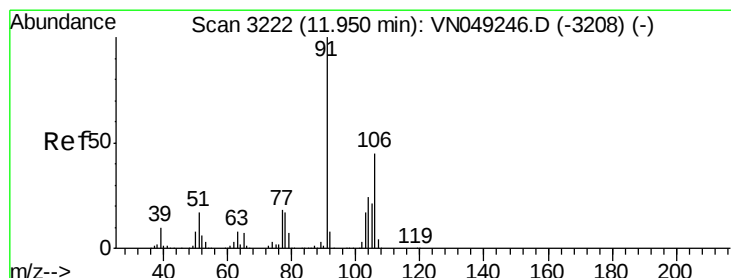
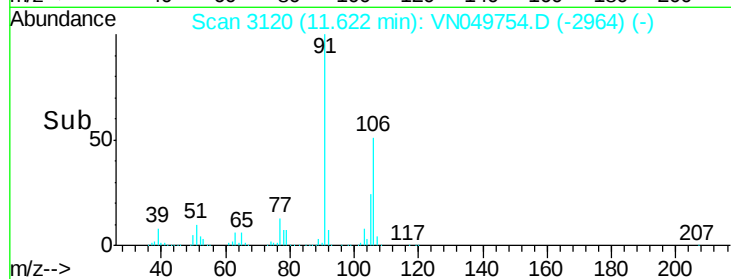
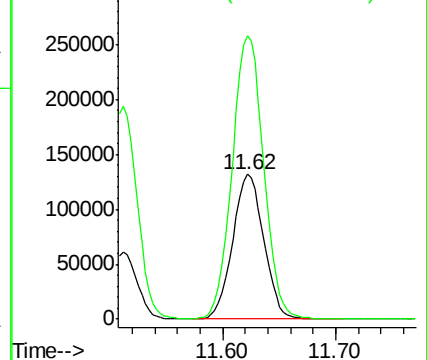


#67
m/p-Xylenes
Concen: 9.424 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

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

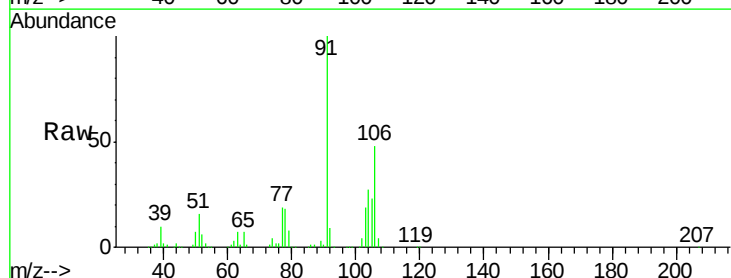


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

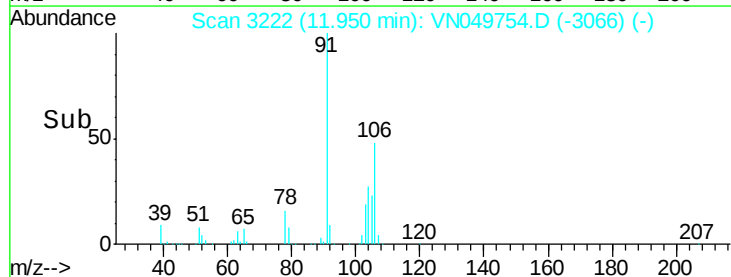
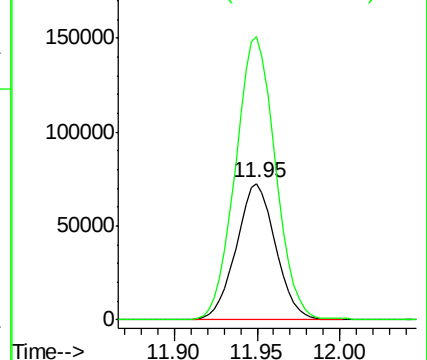


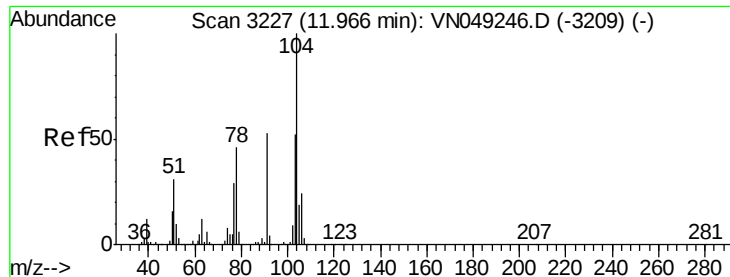
#68
o-Xylene
Concen: 4.603 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

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



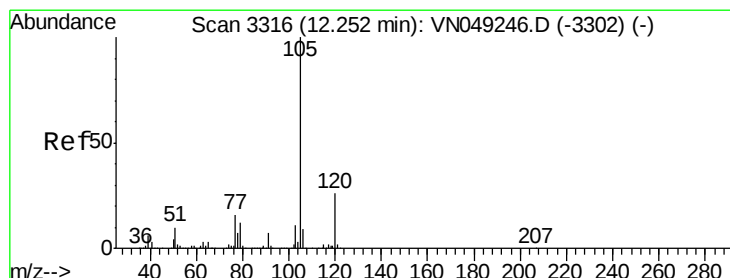
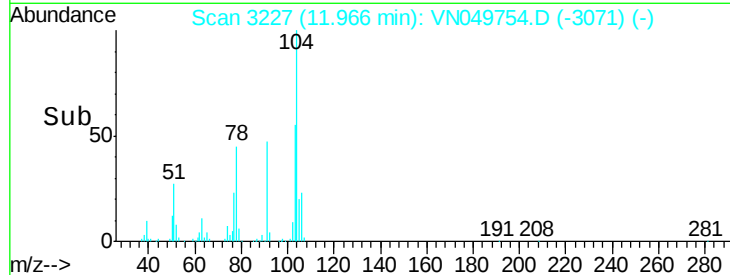
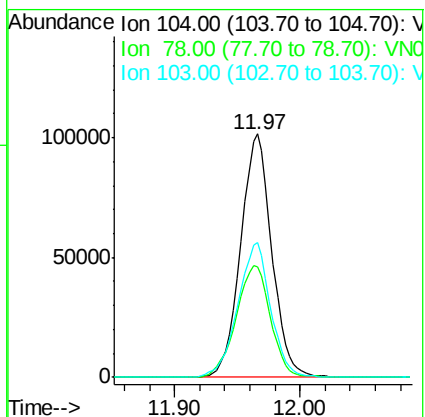
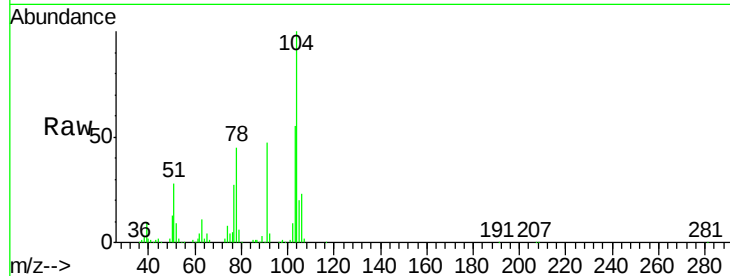
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





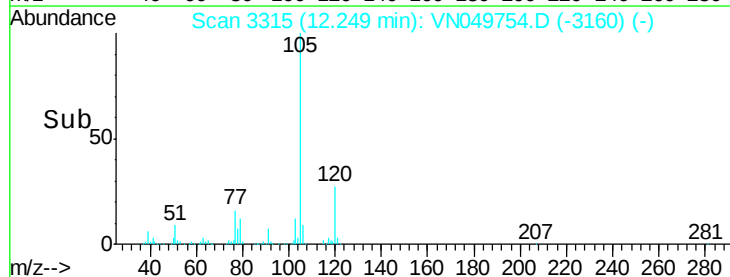
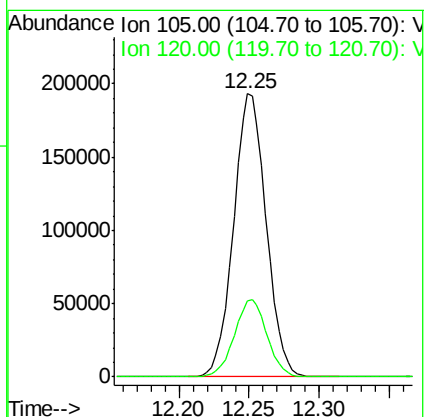
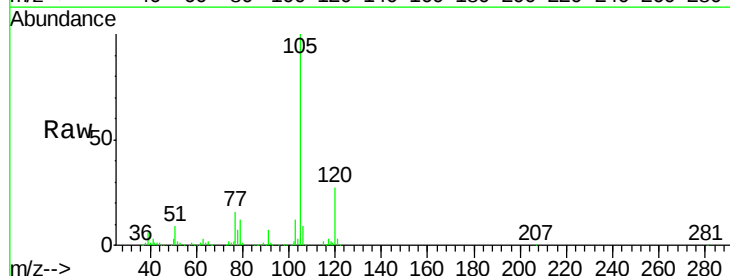
#69
Styrene
Concen: 4.234 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

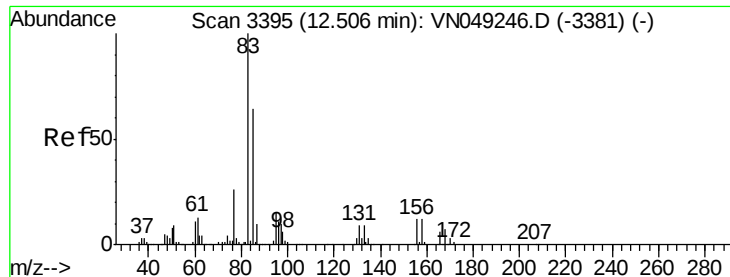
Tgt Ion:104 Resp: 175579
Ion Ratio Lower Upper
104 100
78 50.7 39.3 58.9
103 58.3 44.5 66.7



#70
Isopropylbenzene
Concen: 4.535 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

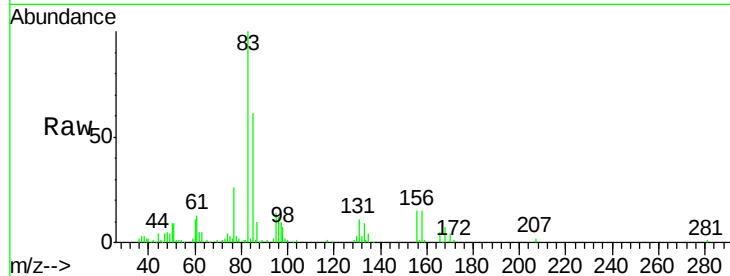
Tgt Ion:105 Resp: 312589
Ion Ratio Lower Upper
105 100
120 27.3 18.9 35.1



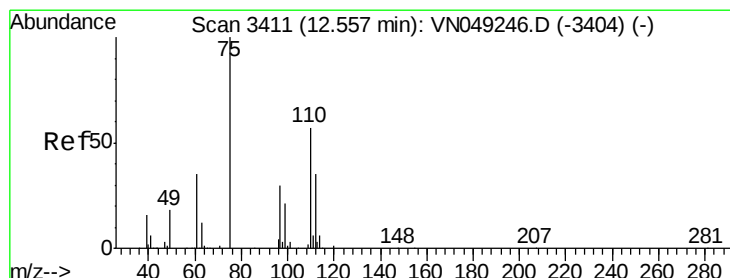
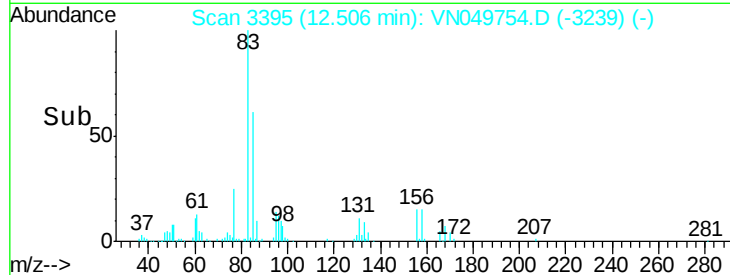
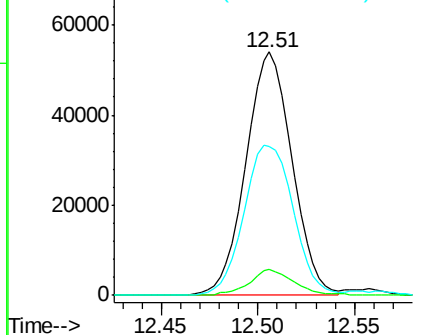


#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.311 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

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

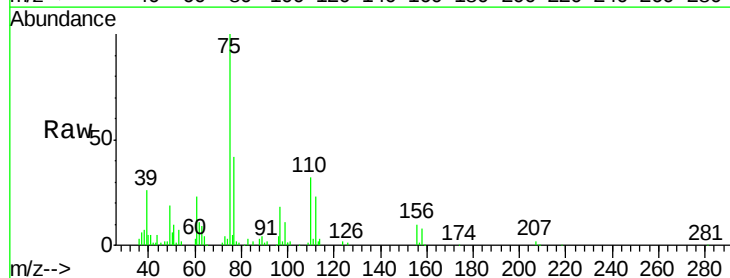


Abundance Ion 83.00 (82.70 to 83.70): VNC
 Ion 131.00 (130.70 to 131.70): VNC
 Ion 85.00 (84.70 to 85.70): VNC

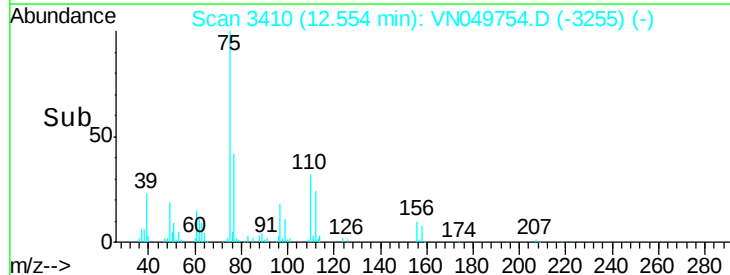
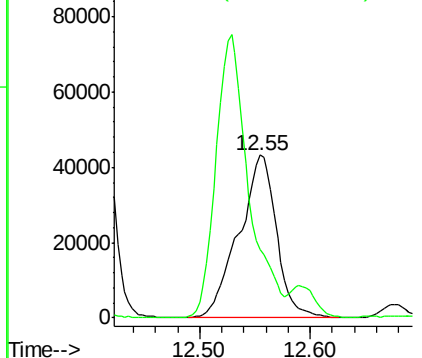


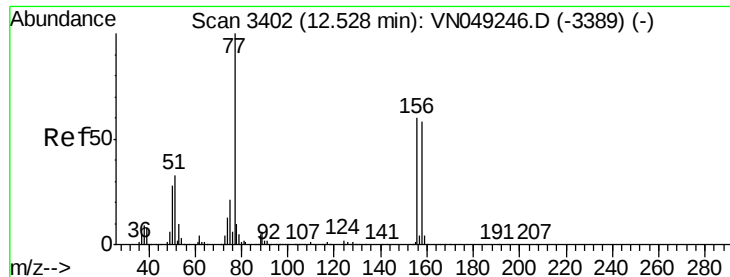
#72
 1,2,3-Trichloropropane
 Concen: 7.479 ug/l
 RT: 12.55 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

Tgt Ion: 75 Resp: 102393
 Ion Ratio Lower Upper
 75 100
 77 151.4 0.0 454.4



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





#73

Bromobenzene

Concen: 5.208 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

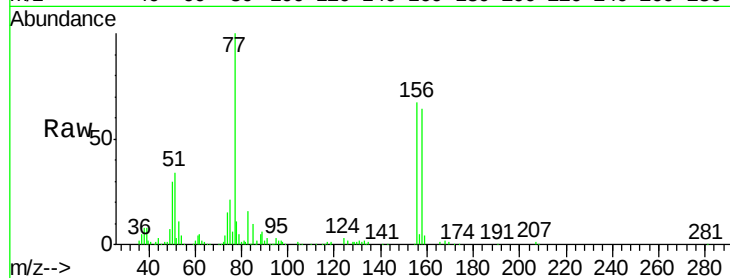
Tgt Ion: 156 Resp: 87333

Ion Ratio Lower Upper

156 100

77 177.5 0.0 359.8

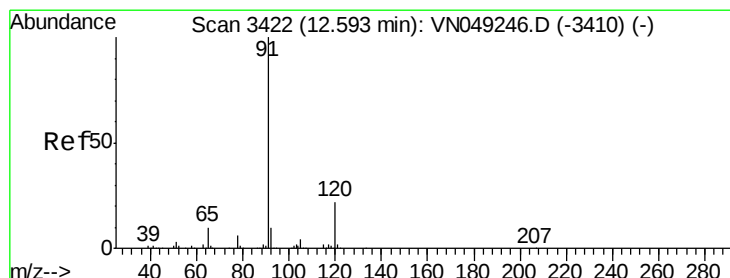
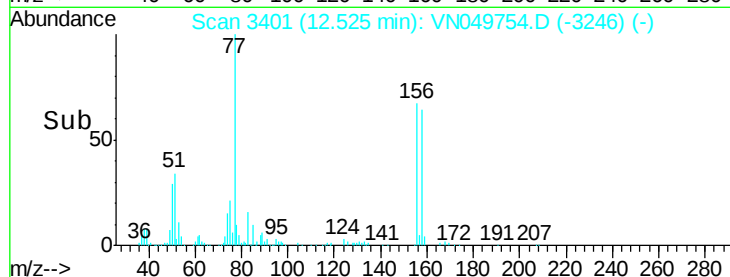
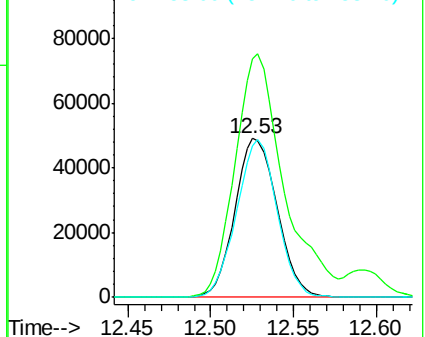
158 94.9 0.0 192.8



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: 4.581 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049754.D

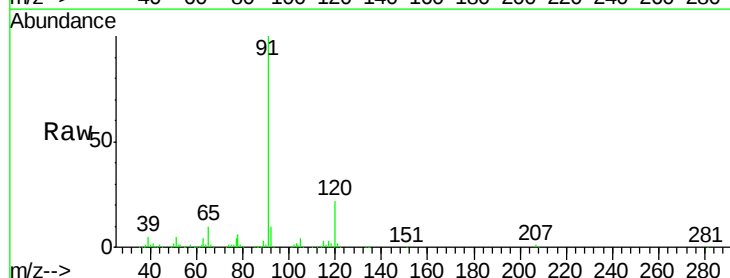
Acq: 11 Jul 2018 10:20

Tgt Ion: 91 Resp: 365662

Ion Ratio Lower Upper

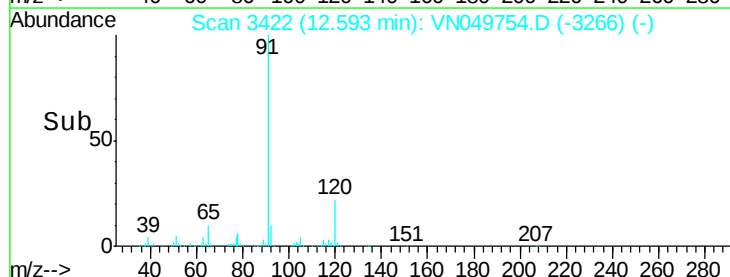
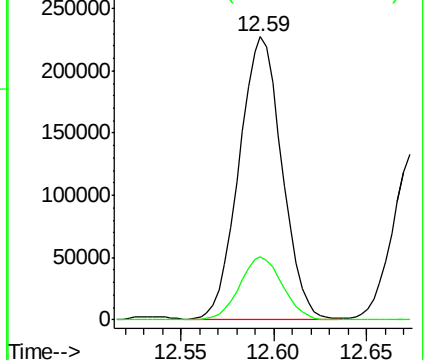
91 100

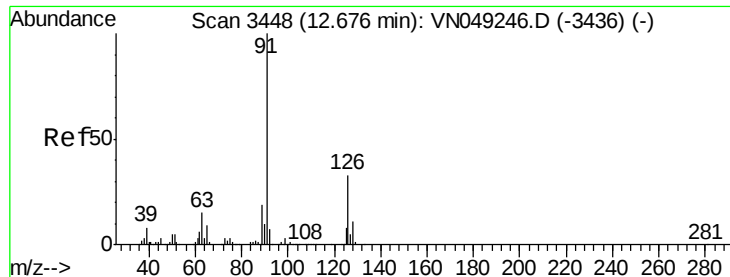
120 22.1 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 4.698 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049754.D

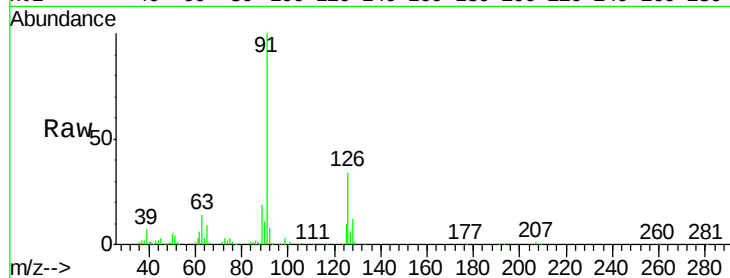
Acq: 11 Jul 2018 10:20

Tgt 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

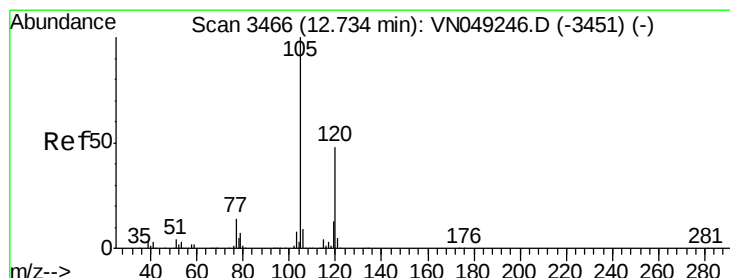
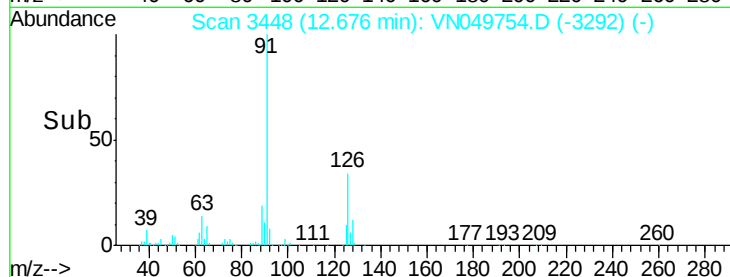
50000

0

12.68

12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 4.529 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049754.D

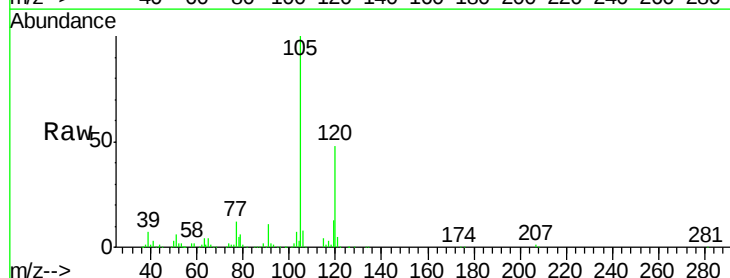
Acq: 11 Jul 2018 10:20

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

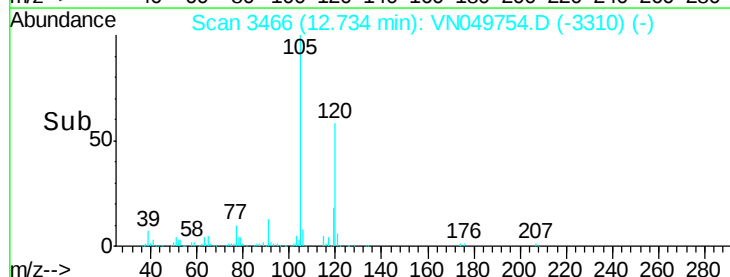
50000

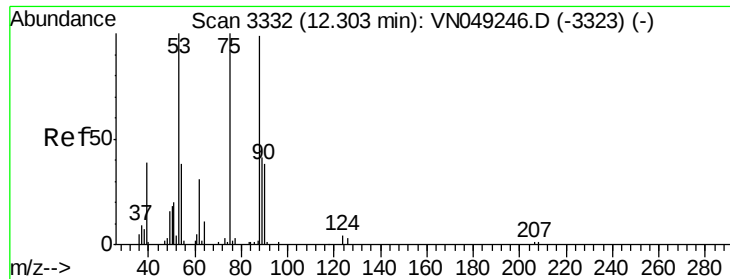
0

12.73

12.70 12.75 12.80

Time-->

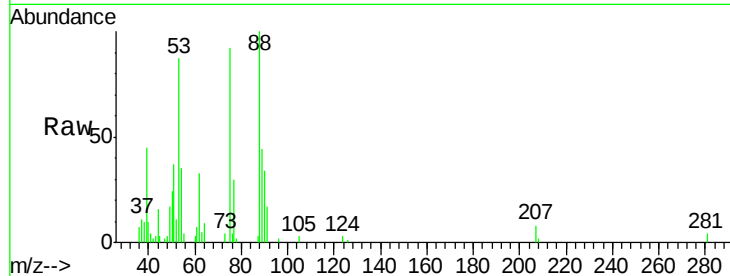




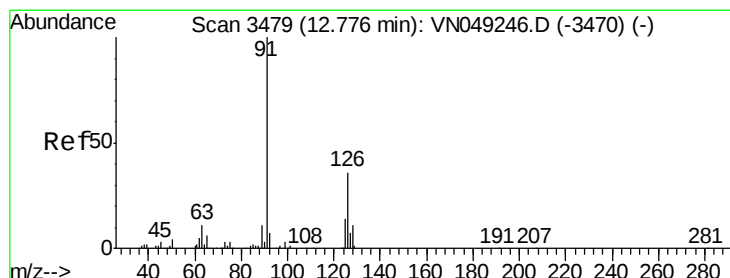
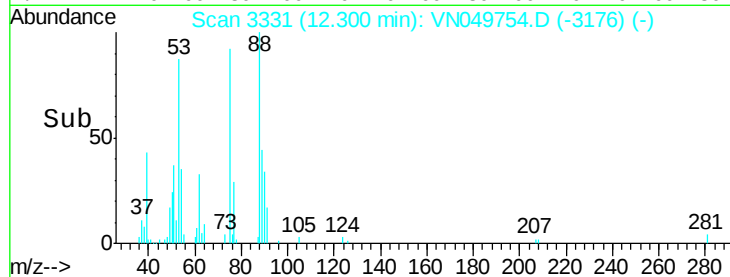
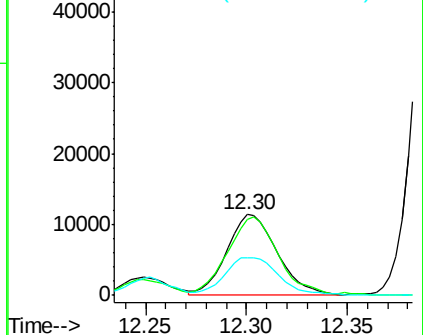
#77
t-1,4-Dichloro-2-butene
Concen: 4.483 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt Ion: 75 Resp: 19905

Ion	Ratio	Lower	Upper
75	100		
53	92.0	44.6	134.0
89	46.1	20.7	62.1



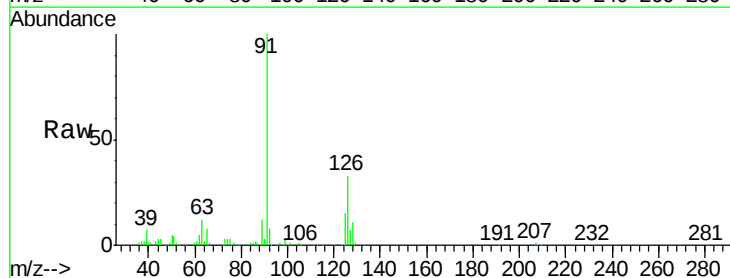
Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0



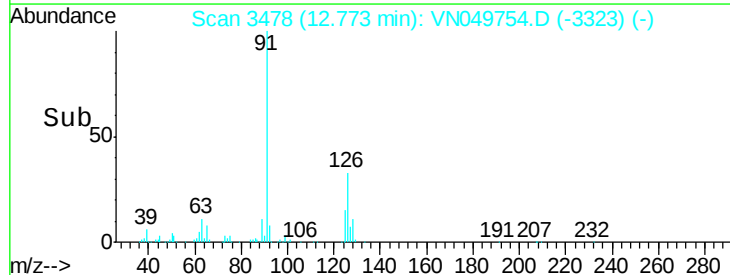
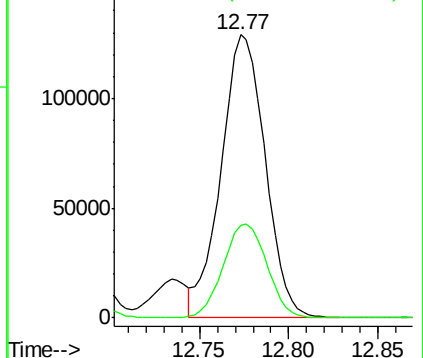
#78
4-Chlorotoluene
Concen: 4.680 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. -0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

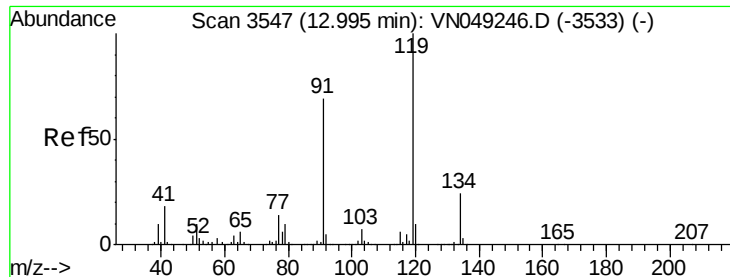
Tgt Ion: 91 Resp: 221545

Ion	Ratio	Lower	Upper
91	100		
126	33.1	0.0	68.4



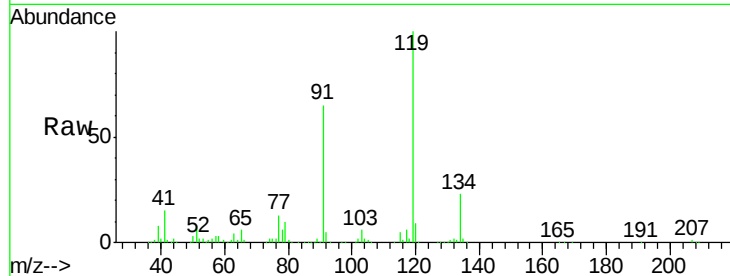
Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V



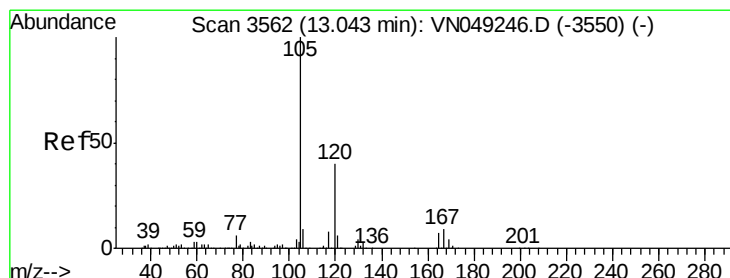
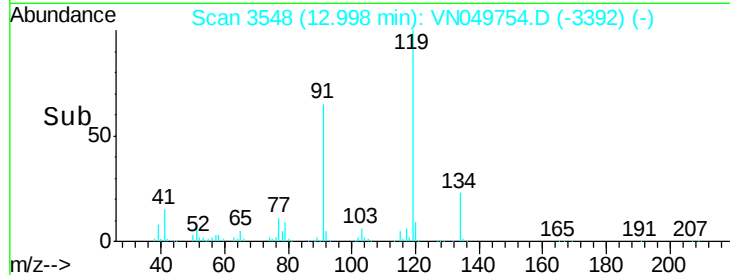
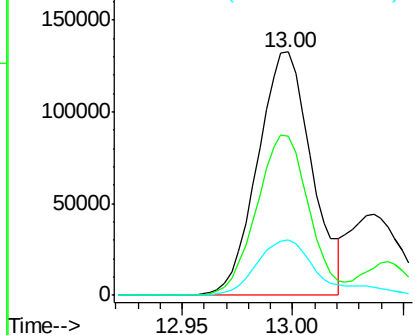


#79
 tert-butylbenzene
 Concen: 4.772 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

Tgt Ion:119 Resp: 224817
 Ion Ratio Lower Upper
 119 100
 91 63.9 0.0 126.8
 134 26.5 0.0 47.4

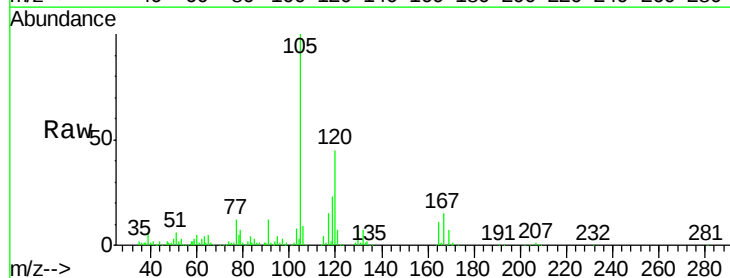


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

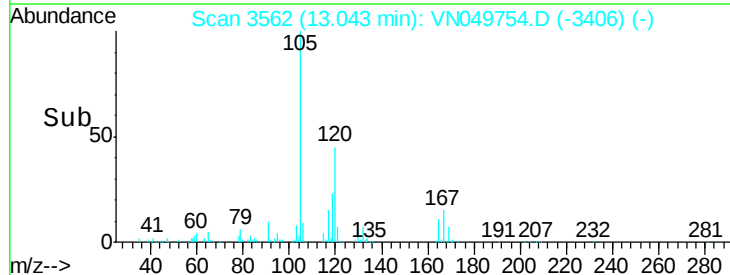
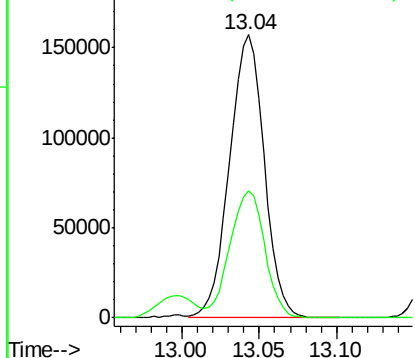


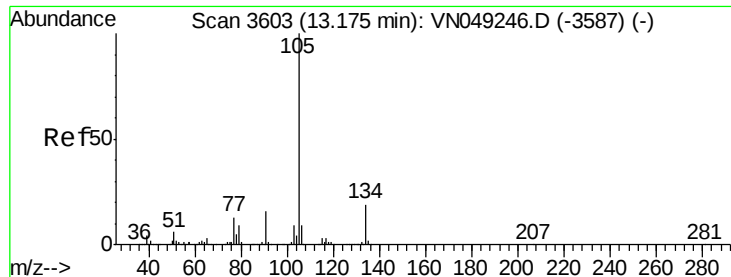
#80
 1,2,4-Trimethylbenzene
 Concen: 4.359 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

Tgt Ion:105 Resp: 244435
 Ion Ratio Lower Upper
 105 100
 120 45.2 0.0 90.6



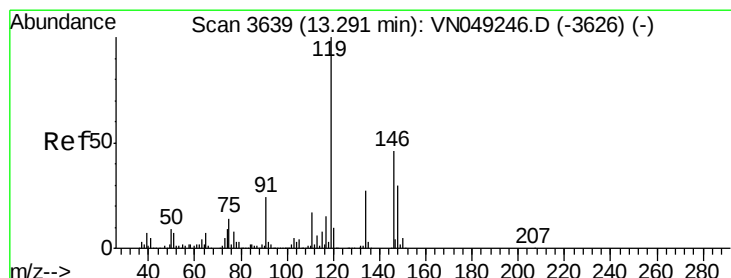
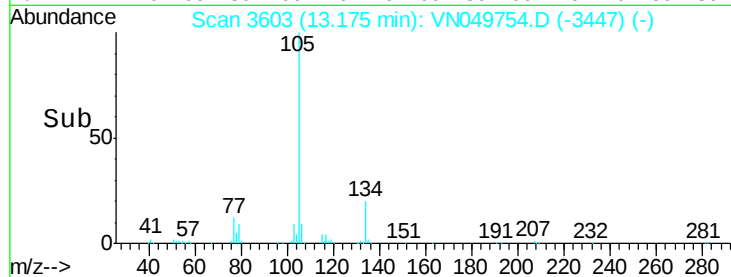
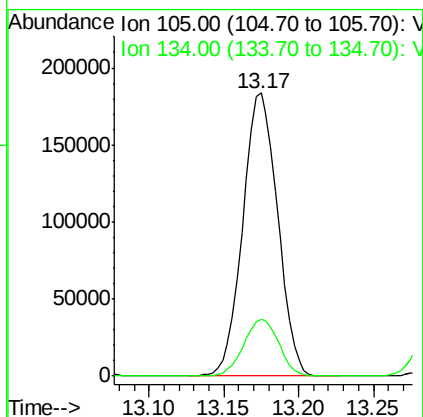
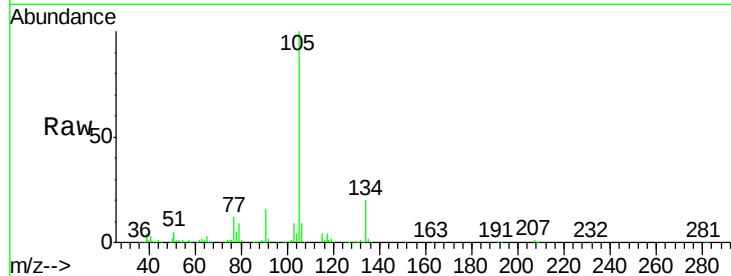
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





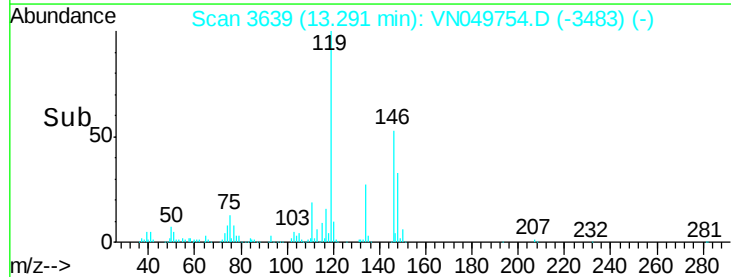
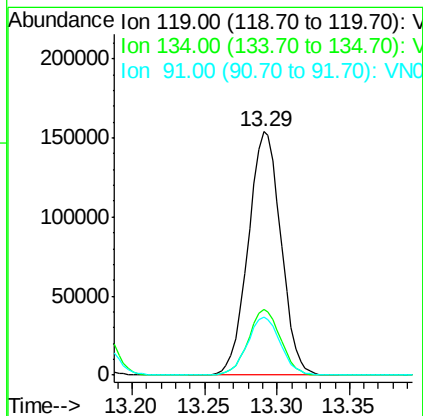
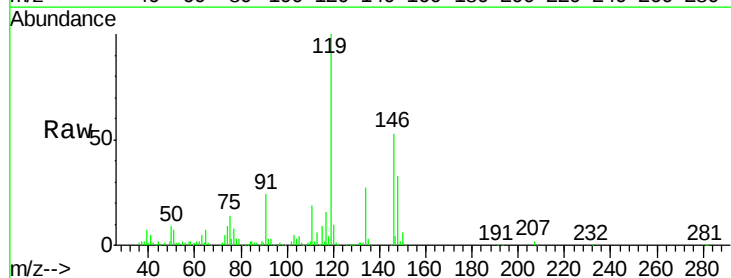
#81
 sec-Butylbenzene
 Concen: 4.654 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

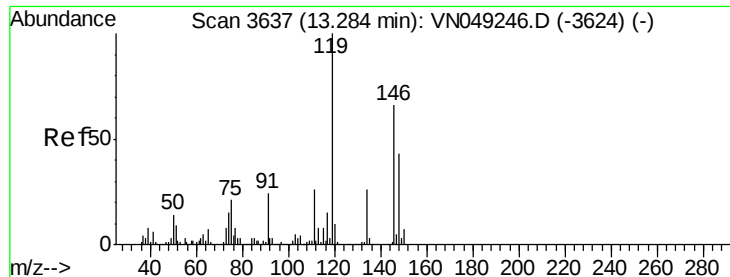
Tgt Ion:105 Resp: 298048
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 4.532 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

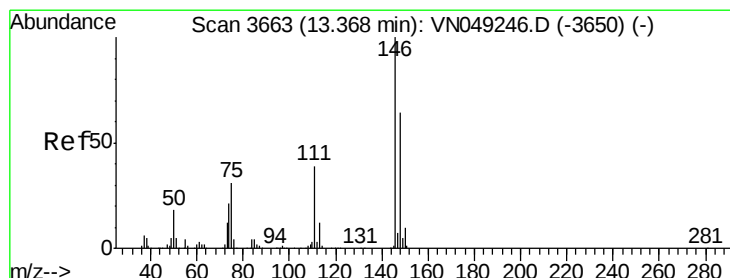
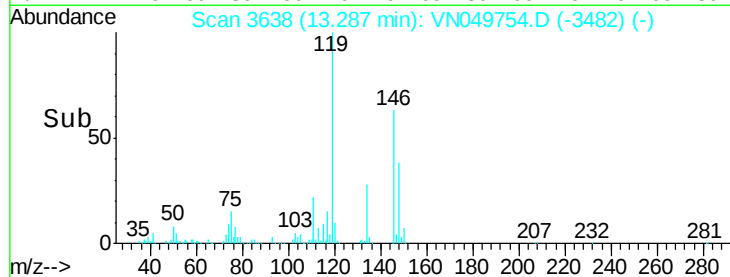
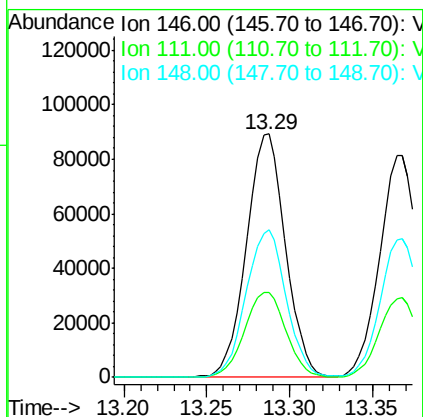
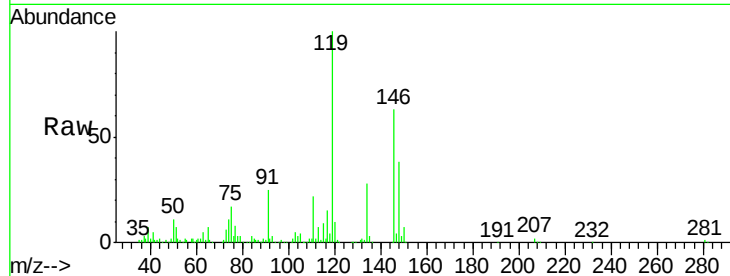
Tgt Ion:119 Resp: 242439
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.2
 91 24.1 0.0 45.6





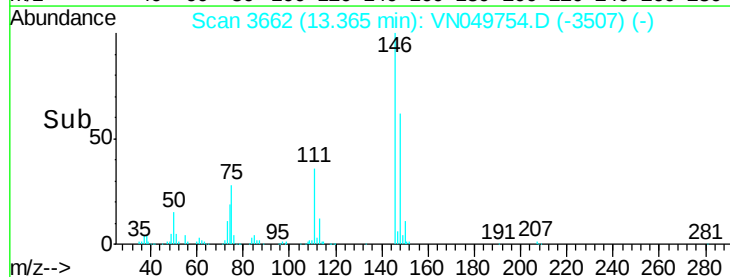
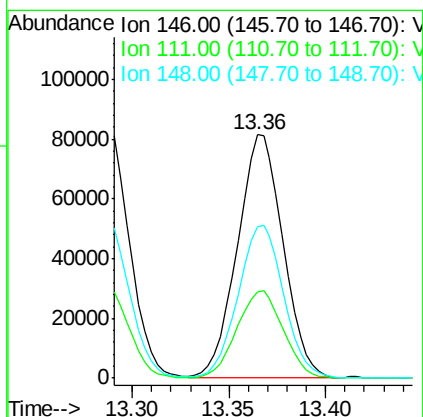
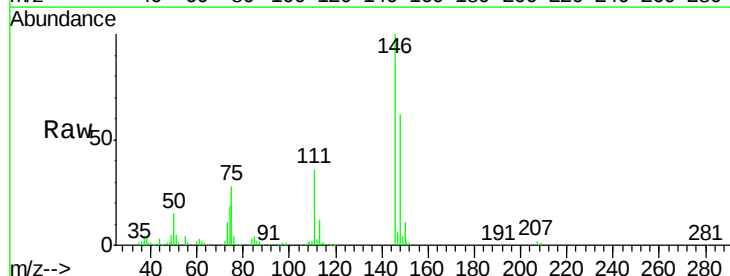
#83
 1,3-Dichlorobenzene
 Concen: 5.165 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

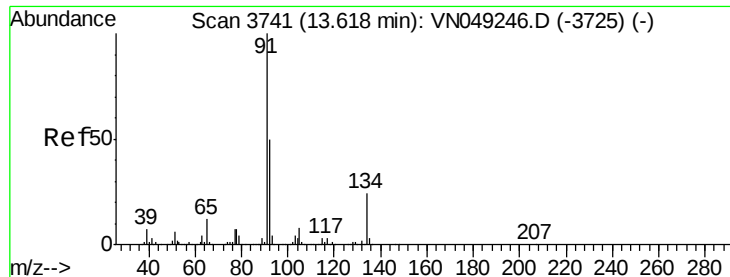
Tgt Ion:146 Resp: 147064
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.1 57.1
 148 62.1 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 5.000 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





#85

n-Butylbenzene

Concen: 4.245 ug/l

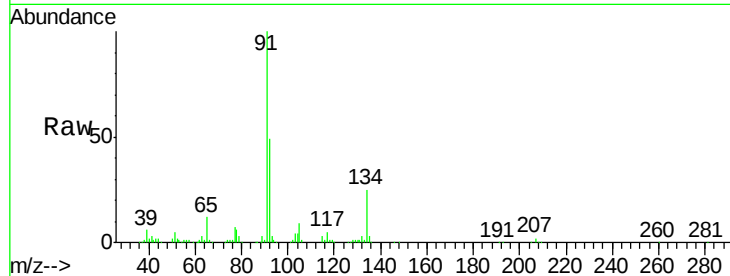
RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

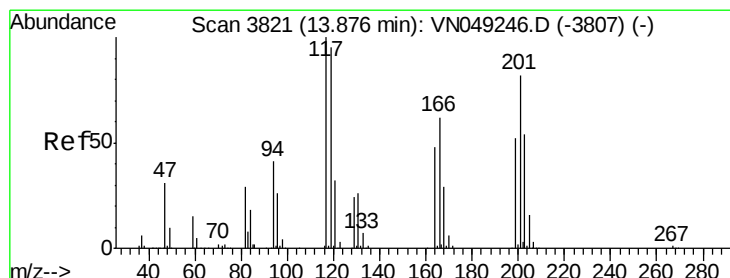
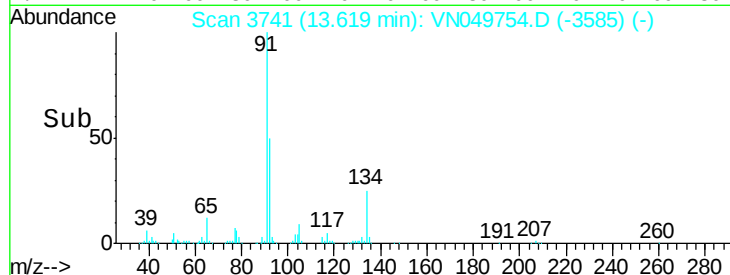
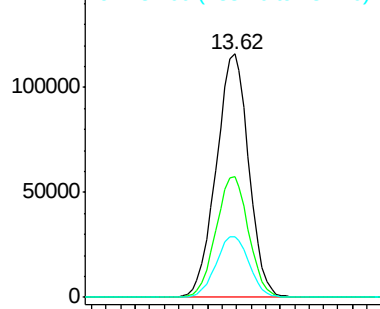
Lab File: VN049754.D

Acq: 11 Jul 2018 10:20

Tgt Ion:	91	Resp:	181065
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) (-)



#86

Hexachloroethane

Concen: 5.046 ug/l

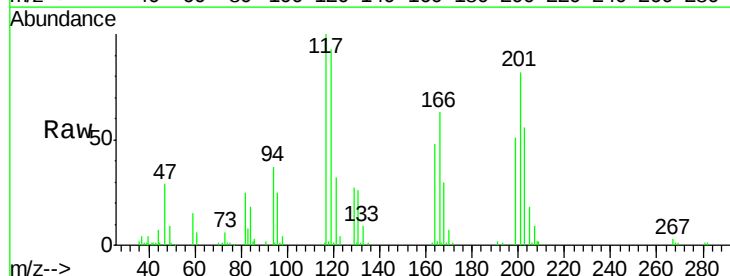
RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

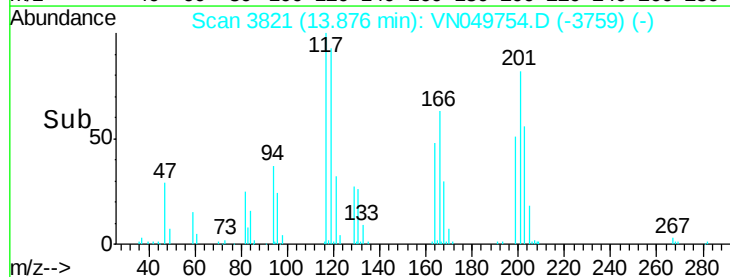
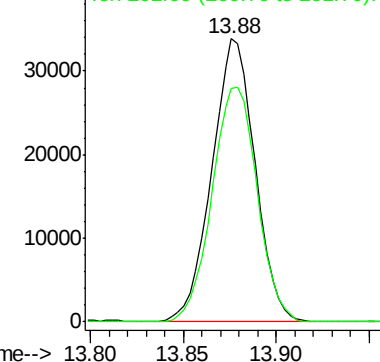
Lab File: VN049754.D

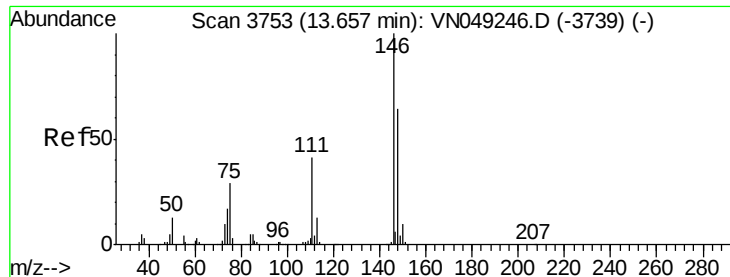
Acq: 11 Jul 2018 10:20

Tgt Ion:	117	Resp:	55088
Ion	Ratio	Lower	Upper
117	100		
201	86.4	46.6	139.7



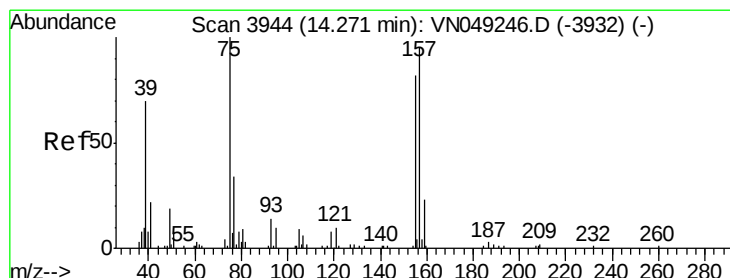
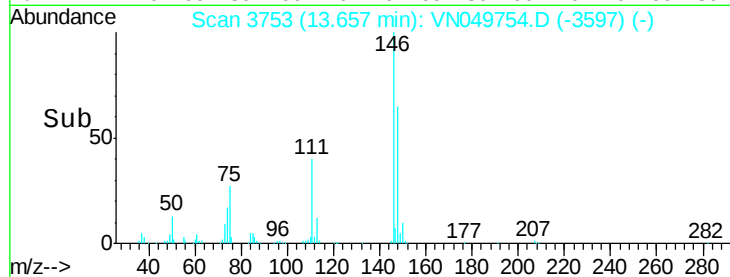
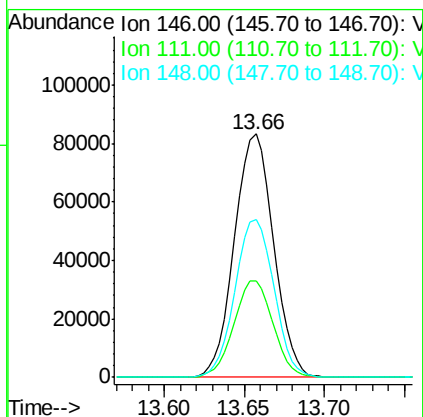
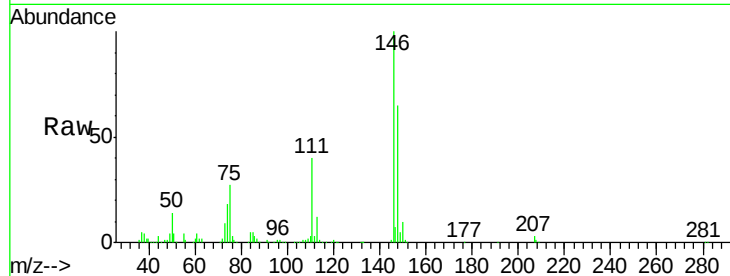
Abundance Ion 117.00 (116.70 to 117.70): VN049246.D (-3807) (-)





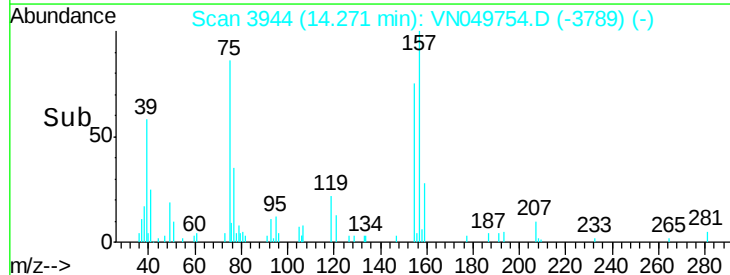
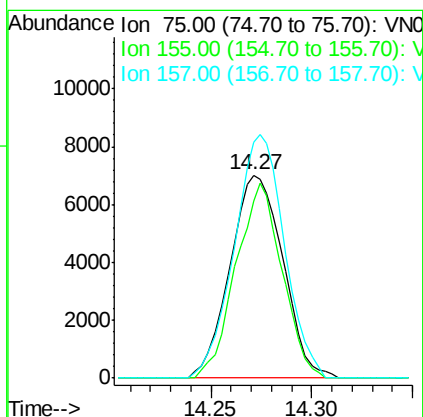
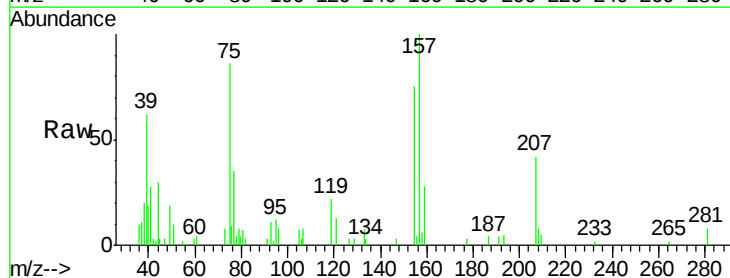
#87
 1,2-Dichlorobenzene
 Concen: 5.046 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

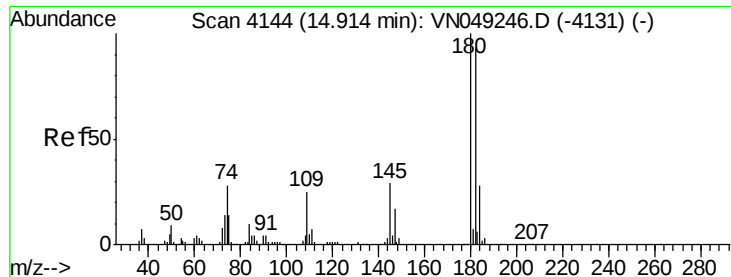
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	64.2	31.8	95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 5.233 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

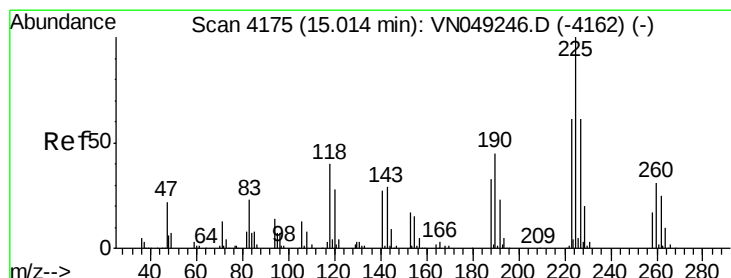
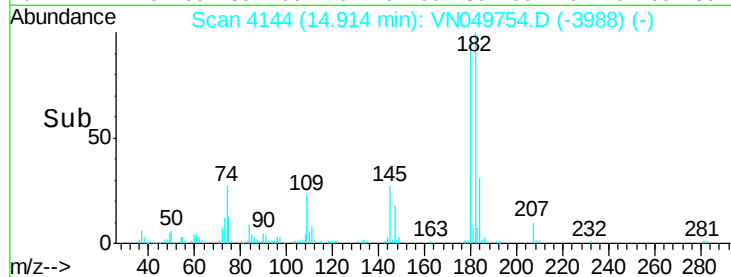
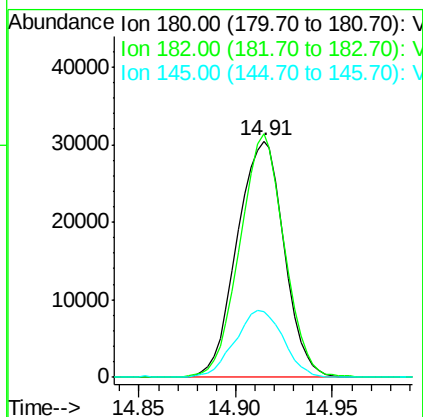
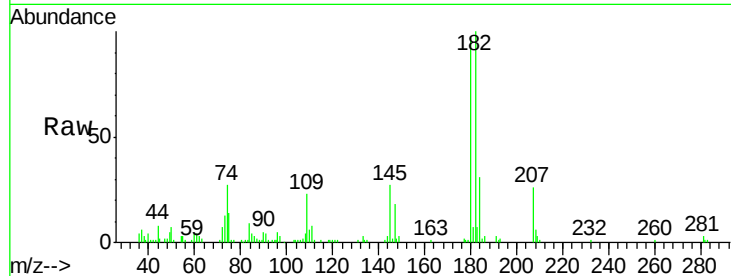
Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.0	73.0	109.6
157	113.8	94.9	142.3





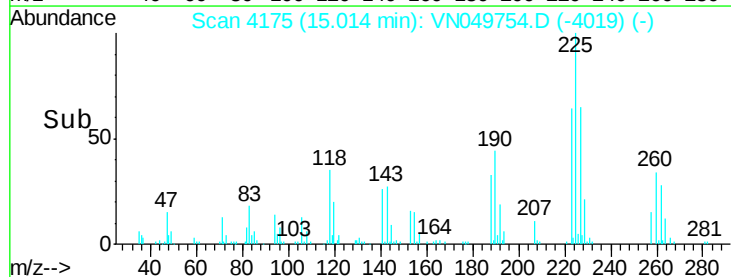
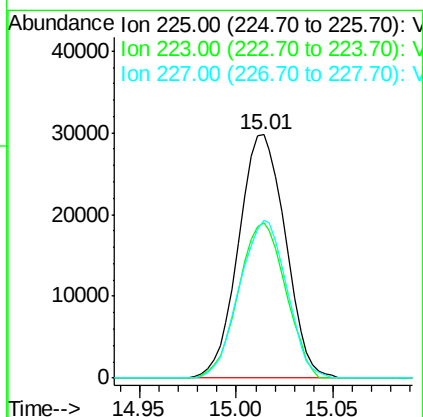
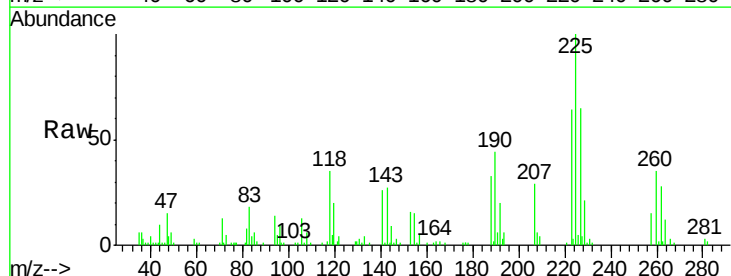
#89
 1,2,4-Trichlorobenzene
 Concen: 4.392 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

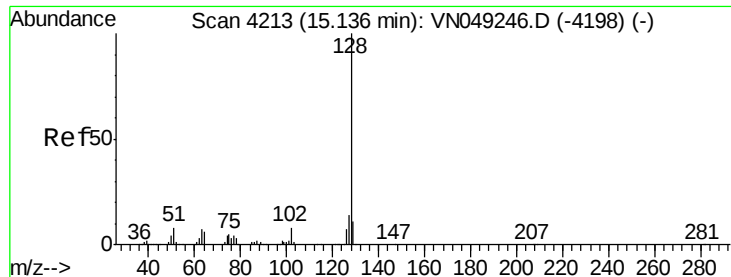
Tgt Ion:180 Resp: 51466
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.7 115.1
 145 29.1 23.4 35.0



#90
 Hexachlorobutadiene
 Concen: 6.244 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049754.D
 Acq: 11 Jul 2018 10:20

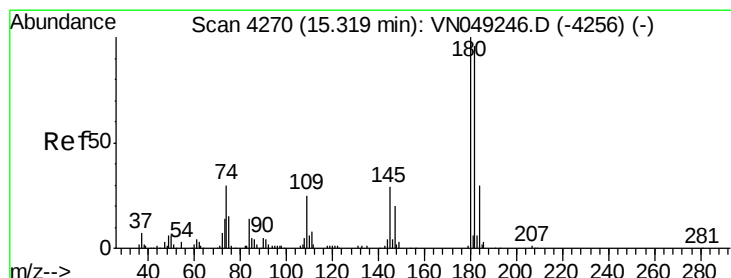
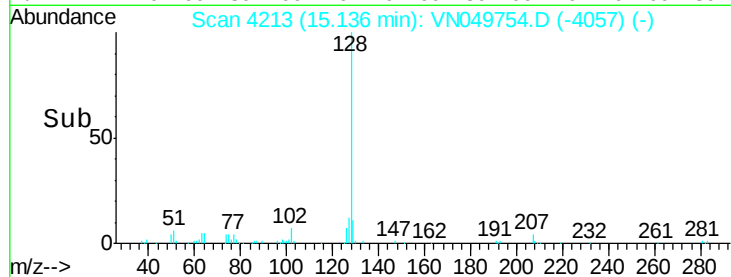
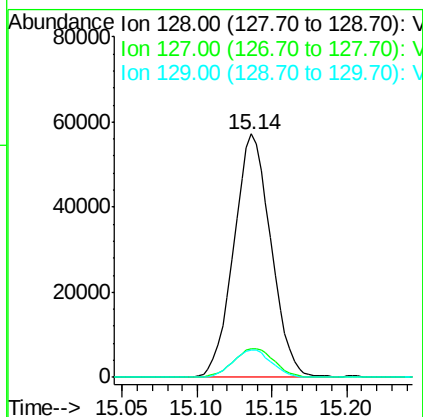
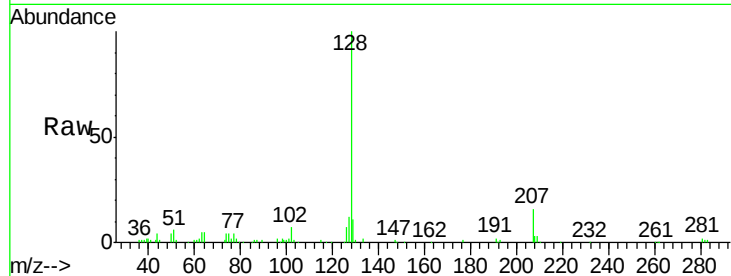
Tgt Ion:225 Resp: 50321
 Ion Ratio Lower Upper
 225 100
 223 64.0 0.0 124.4
 227 65.4 0.0 133.0





#91
Naphthalene
Concen: 3.867 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049754.D
Acq: 11 Jul 2018 10:20

Tgt 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: 4.791 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

