

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049762.D
 Acq On : 11 Jul 2018 17:46
 Operator : MD\SY
 Sample : J3762-09 MDL 2.5 ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 12 02:24:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:52:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	239716	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1244279	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1056041	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	500273	30.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.90%
60) 4-Bromofluorobenzene	12.40	95	422660	25.93	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.43%
63) Toluene-d8	10.09	98	1503197	30.46	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.53%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.86	85	36543	2.04	ug/l	99
3) Chloromethane	2.06	50	47085	2.54	ug/l	95
4) Vinyl Chloride	2.18	62	48648	2.48	ug/l	96
5) Bromomethane	2.57	94	33259	2.81	ug/l	100
6) Chloroethane	2.70	64	30978	2.72	ug/l	96
7) Trichlorofluoromethane	3.01	101	62764	2.53	ug/l	98
8) Diethyl Ether	3.41	74	20961	2.47	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	38865	2.60	ug/l	98
10) 1,1-Dichloroethene	3.73	96	33011	2.40	ug/l	97
11) Methyl Iodide	3.95	142	35244	1.72	ug/l	94
12) Methyl Acetate	4.34	43	40822	3.04	ug/l	97
13) Acrolein	3.61	56	18408	13.09	ug/l	99
14) Acrylonitrile	5.00	53	55816	11.57	ug/l #	68
15) Acetone	3.83	58	16084	13.22	ug/l	95
16) Carbon Disulfide	4.05	76	109564	2.58	ug/l	96
17) Allyl chloride	4.33	41	49515	2.28	ug/l	93
18) Methylene Chloride	4.55	84	52984	3.25	ug/l	96
19) trans-1,2-Dichloroethene	5.04	96	36161	2.49	ug/l	98
20) Diisopropyl ether	5.97	45	98997m	2.26	ug/l	
21) 1,1-Dichloroethane	5.86	63	69371	2.58	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	38908	2.40	ug/l	97
23) tert-Butyl Alcohol	4.80	59	12042	11.92	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	82960	2.27	ug/l #	71
25) Chloroform	7.37	83	72401	2.66	ug/l	99
26) Cyclohexane	7.66	56	47092	2.07	ug/l #	93
29) 1,1-Dichloropropene	7.80	75	45177	2.28	ug/l	97
30) 2-Butanone	6.85	43	64664	11.72	ug/l #	98
31) 2,2-Dichloropropane	6.83	77	51770	2.44	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	60859	2.67	ug/l #	89
33) Carbon Tetrachloride	7.78	117	52349	2.59	ug/l	99
34) Benzene	8.04	78	150464	2.53	ug/l #	23
35) Methacrylonitrile	7.18	41	15768	2.50	ug/l	94
36) 1,2-Dichloroethane	8.13	62	52525	2.77	ug/l	98
37) Trichloroethene	8.83	130	40530	2.62	ug/l	94
38) Methylcyclohexane	9.08	83	47948	2.25	ug/l	98
39) 1,2-Dichloropropane	9.12	63	39987	2.59	ug/l	99
40) Dibromomethane	9.21	93	24725	2.67	ug/l	99

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

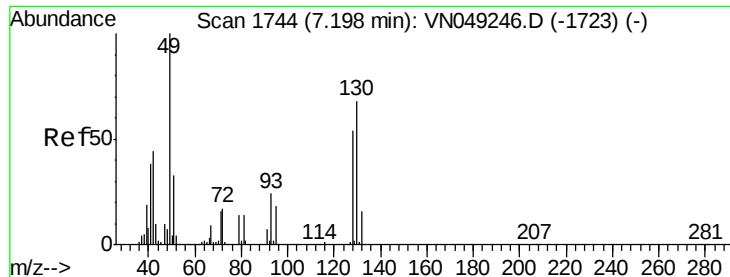
41) Bromodichloromethane	9.41	83	51315	2.57	ug/l	94
42) Vinyl Acetate	5.90	43	321324	10.98	ug/l	100
43) Ethyl Acetate	6.94	43	30921	2.65	ug/l #	89
44) Isopropyl Acetate	8.17	43	53453	2.45	ug/l	94
45) 1,4-Dioxane	9.21	88	6400m	44.63	ug/l	
46) Methyl methacrylate	9.20	41	22491	2.06	ug/l	96
47) n-amyl Acetate	12.07	43	30402	1.66	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	44824	2.23	ug/l	89
49) cis-1,3-Dichloropropene	9.84	75	50902	2.20	ug/l	99
50) 1,1,2-Trichloroethane	10.57	97	38633	2.87	ug/l	97
51) Ethyl methacrylate	10.44	69	34166	2.08	ug/l	96
52) 1,3-Dichloropropane	10.71	76	56940	2.57	ug/l	98
53) Dibromochloromethane	10.90	129	36274	2.38	ug/l	99
54) 1,2-Dibromoethane	11.01	107	31876	2.43	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	71872	8.58	ug/l	100
56) Bromoform	12.13	173	23446	2.25	ug/l #	94
58) 4-Methyl-2-Pentanone	9.99	43	136077	11.85	ug/l	97
59) 2-Hexanone	10.75	43	83293	10.78	ug/l	96
61) Tetrachloroethene	10.63	164	36935	2.79	ug/l	95
62) Toluene	10.16	91	157417	2.60	ug/l	99
64) Chlorobenzene	11.44	112	96352	2.59	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	37702	2.68	ug/l	97
66) Ethyl Benzene	11.51	91	142374	2.24	ug/l	98
67) m/p-Xylenes	11.63	106	103816	4.25	ug/l	99
68) o-Xylene	11.95	106	50128	2.15	ug/l	100
69) Styrene	11.97	104	72674	1.95	ug/l	99
70) Isopropylbenzene	12.25	105	127326	2.06	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	41057	2.58	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	33427m	2.63	ug/l	
73) Bromobenzene	12.53	156	37521	2.31	ug/l	95
74) n-propylbenzene	12.59	91	143932	2.01	ug/l	99
75) 2-Chlorotoluene	12.68	91	96339	2.24	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	99348	1.98	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	7985	1.79	ug/l	93
78) 4-Chlorotoluene	12.78	91	84489	1.97	ug/l	99
79) tert-butylbenzene	12.99	119	91019	2.08	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	94479	1.86	ug/l	100
81) sec-Butylbenzene	13.17	105	111751	1.91	ug/l	98
82) p-Isopropyltoluene	13.29	119	91771	1.81	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	59409	2.11	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	53349	1.98	ug/l	97
85) n-Butylbenzene	13.62	91	64783	1.57	ug/l	98
86) Hexachloroethane	13.88	117	25288	2.62	ug/l	93
87) 1,2-Dichlorobenzene	13.66	146	59526	2.20	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	6211	2.63	ug/l	85
89) 1,2,4-Trichlorobenzene	14.91	180	19504	1.42	ug/l	96
90) Hexachlorobutadiene	15.01	225	21714	2.49	ug/l	95
91) Naphthalene	15.14	128	37577	1.25	ug/l #	96
92) 1,2,3-Trichlorobenzene	15.32	180	22479	1.64	ug/l	96

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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

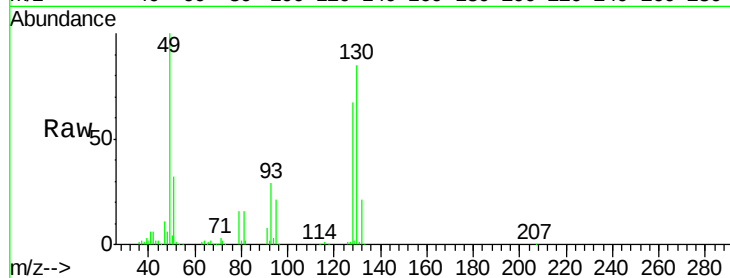
Tot Ion:128 Resp: 239716

Ion Ratio Lower Upper

128 100

49 149.9 0.0 378.3

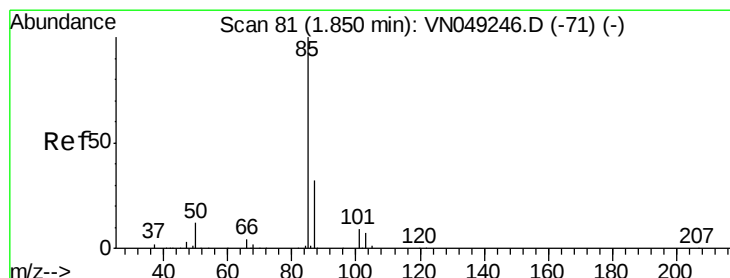
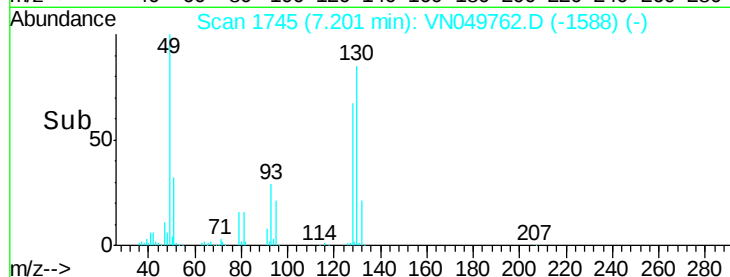
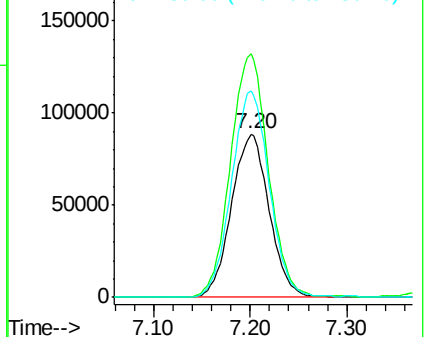
130 126.7 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 2.04 ug/l

RT: 1.86 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN049762.D

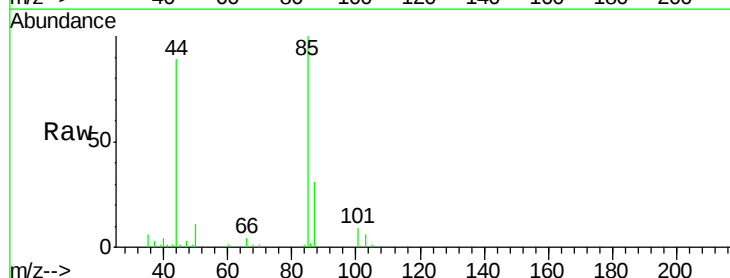
Acq: 11 Jul 2018 17:46

Tgt Ion: 85 Resp: 36543

Ion Ratio Lower Upper

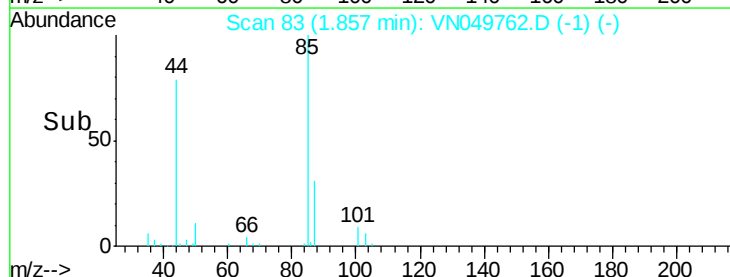
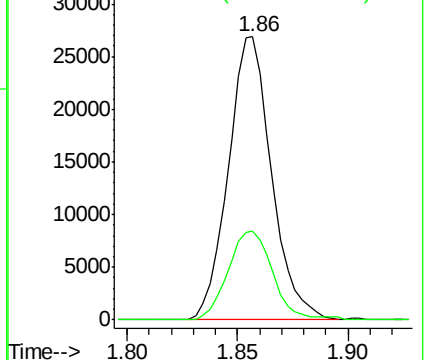
85 100

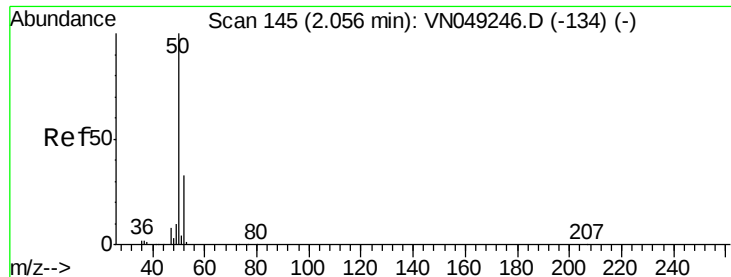
87 31.2 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#3

Chloromethane

Concen: 2.54 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049762.D

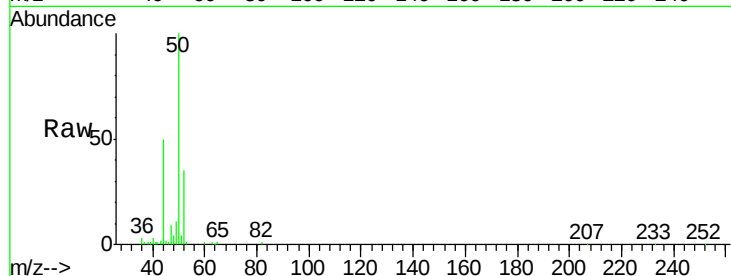
Acq: 11 Jul 2018 17:46

Tot Ion: 50 Resp: 47085

Ion Ratio Lower Upper

50 100

52 35.3 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.06

40000

30000

20000

10000

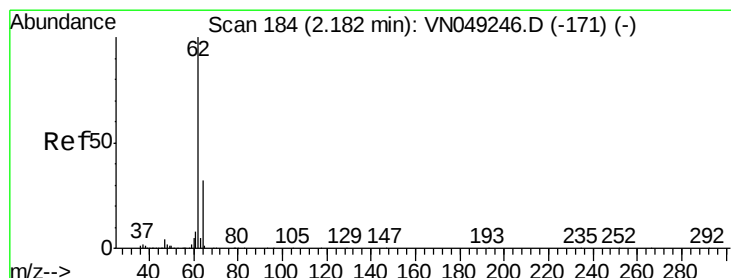
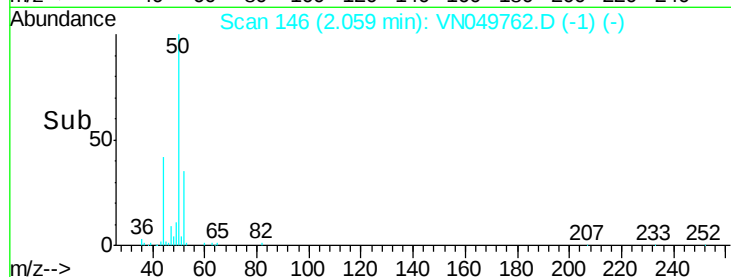
0

Time-->

2.00

2.05

2.10



#4

Vinyl Chloride

Concen: 2.48 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049762.D

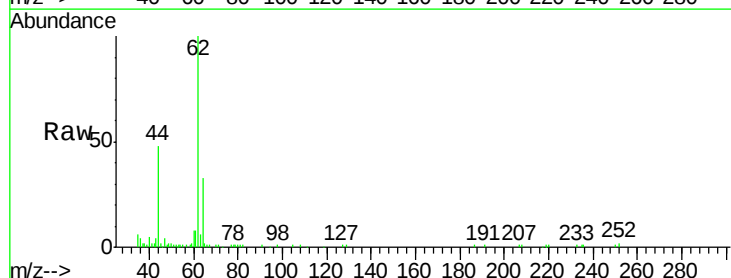
Acq: 11 Jul 2018 17:46

Tgt Ion: 62 Resp: 48648

Ion Ratio Lower Upper

62 100

64 32.5 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.18

40000

30000

20000

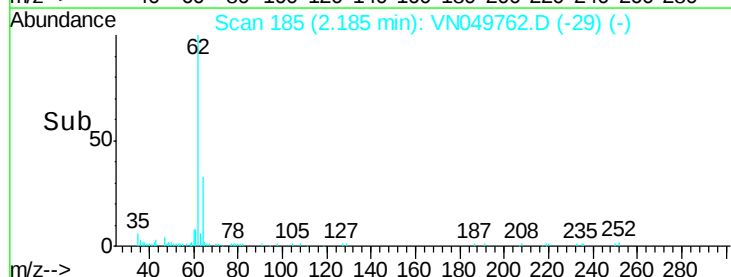
10000

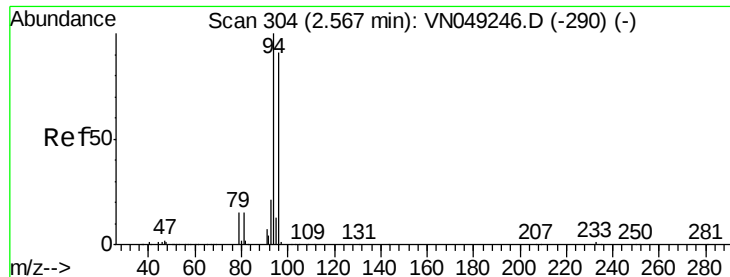
0

Time-->

2.15

2.20





#5

Bromomethane

Concen: 2.81 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049762.D

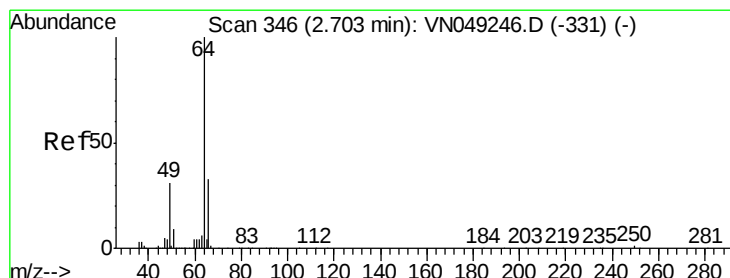
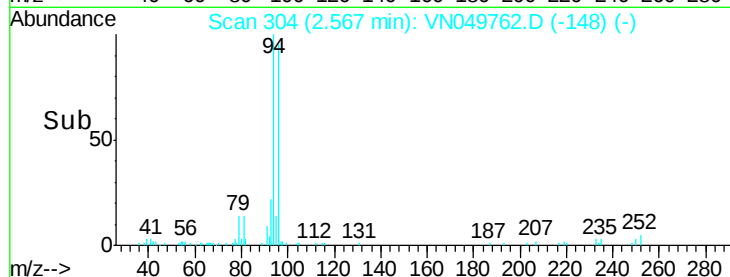
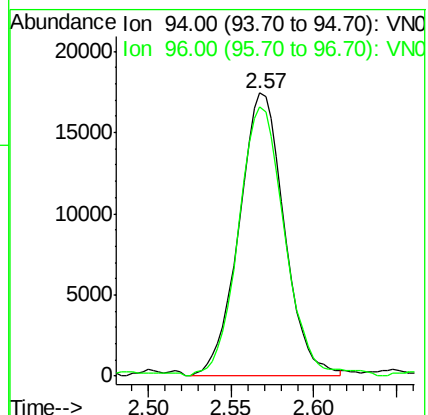
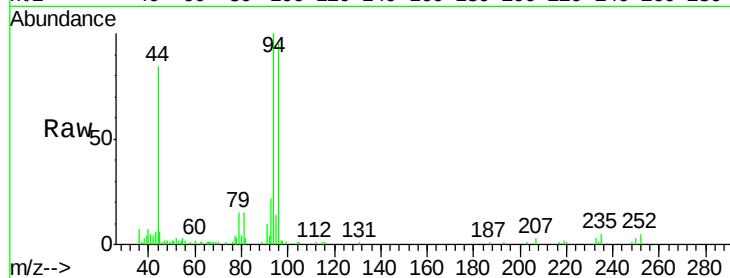
Acq: 11 Jul 2018 17:46

Tot Ion: 94 Resp: 33259

Ion Ratio Lower Upper

94 100

96 95.0 75.9 113.9



#6

Chloroethane

Concen: 2.72 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049762.D

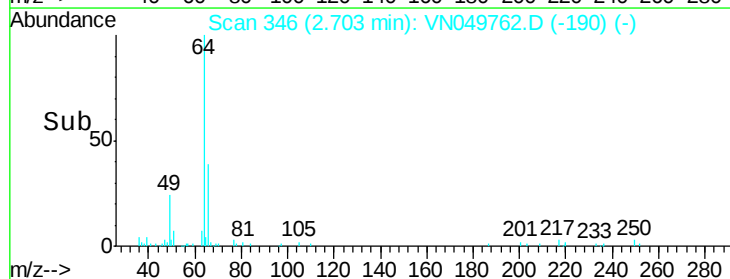
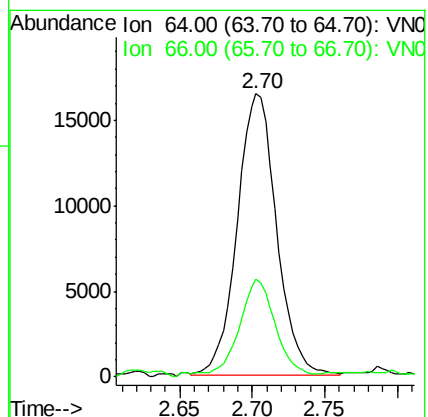
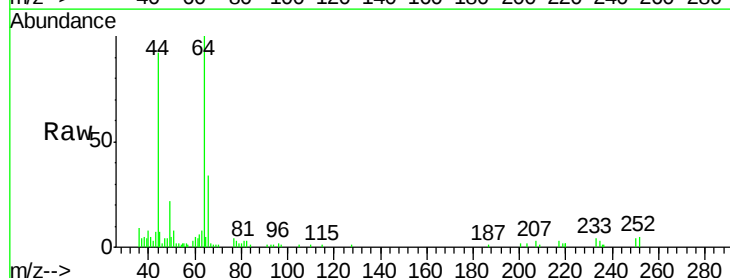
Acq: 11 Jul 2018 17:46

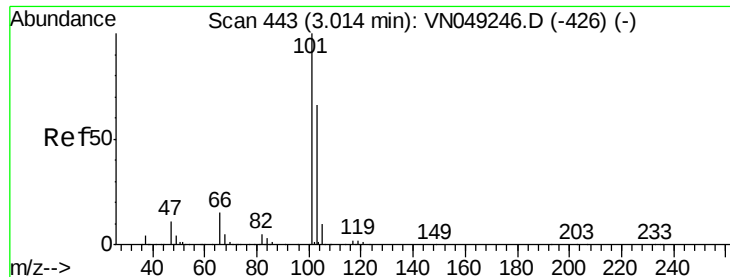
Tgt Ion: 64 Resp: 30978

Ion Ratio Lower Upper

64 100

66 33.7 25.0 37.4





#7

Trichlorofluoromethane

Concen: 2.53 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN049762.D

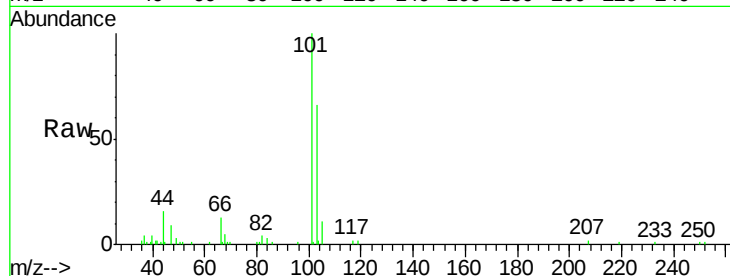
Acq: 11 Jul 2018 17:46

Tot Ion:101 Resp: 62764

Ion Ratio Lower Upper

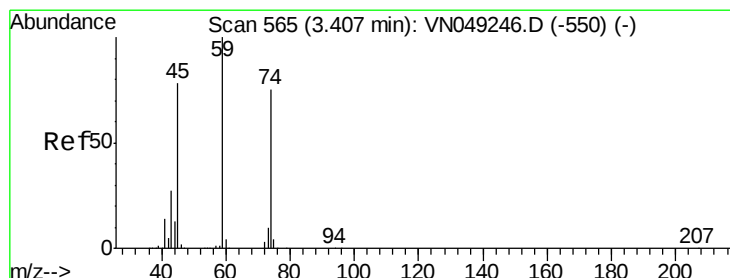
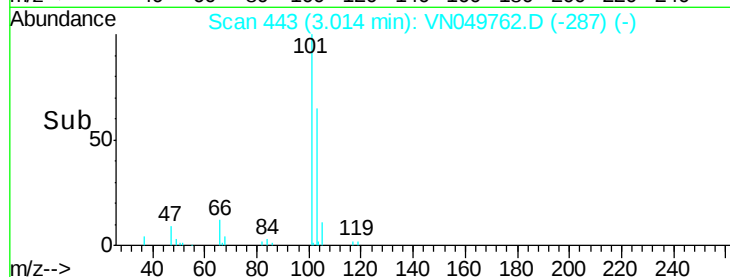
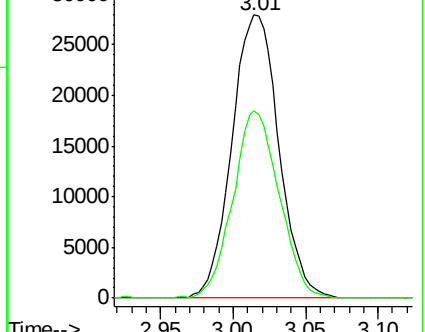
101 100

103 66.2 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: 2.47 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049762.D

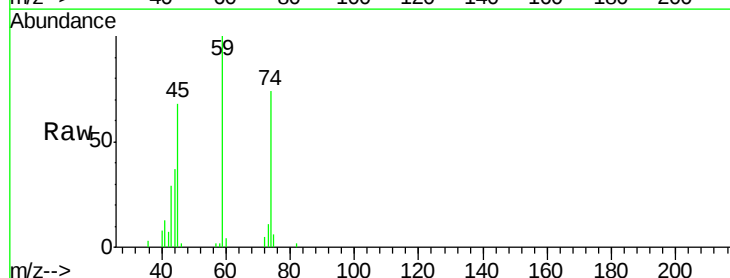
Acq: 11 Jul 2018 17:46

Tgt Ion: 74 Resp: 20961

Ion Ratio Lower Upper

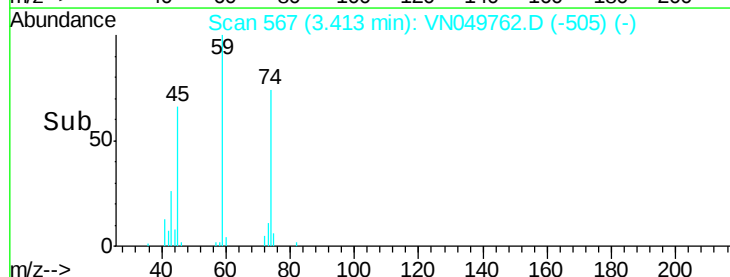
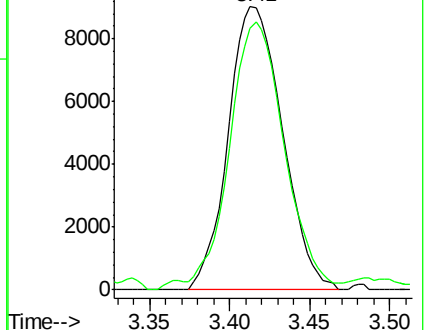
74 100

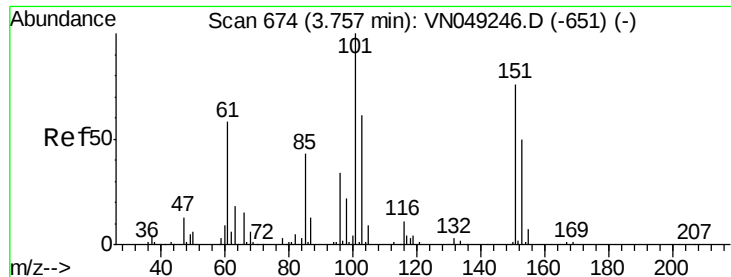
45 89.5 18.7 167.9



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.60 ug/l

RT: 3.76 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

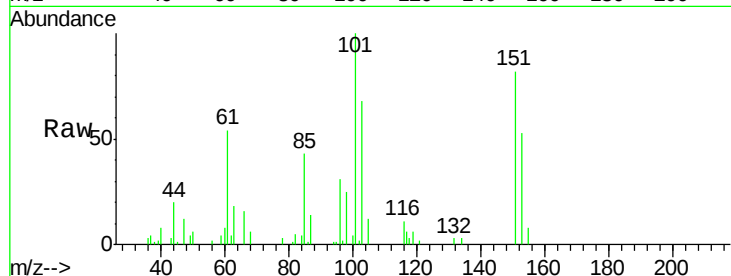
Tot Ion:101 Resp: 38865

Ion Ratio Lower Upper

101 100

85 42.6 0.0 83.0

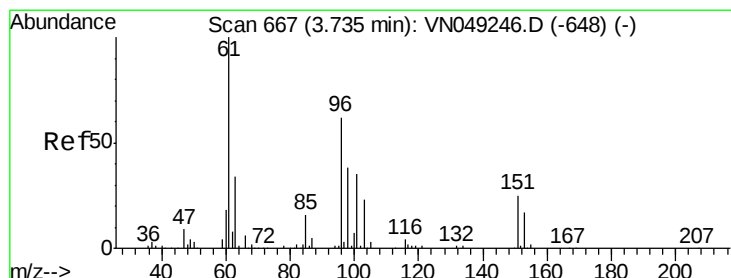
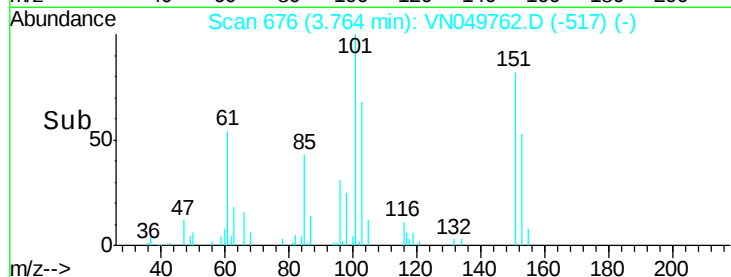
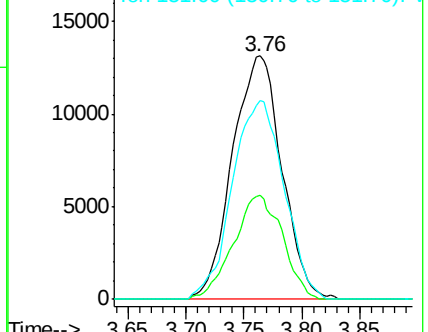
151 85.5 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 2.40 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

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Acq: 11 Jul 2018 17:46

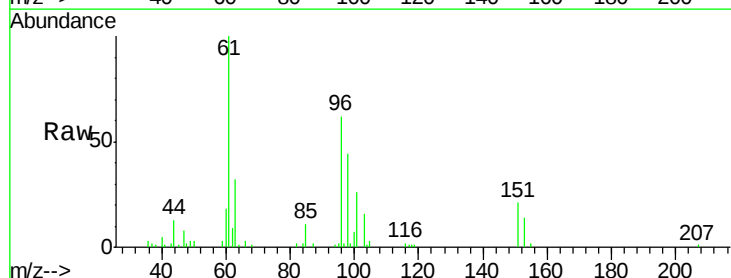
Tgt Ion: 96 Resp: 33011

Ion Ratio Lower Upper

96 100

61 161.1 130.6 195.8

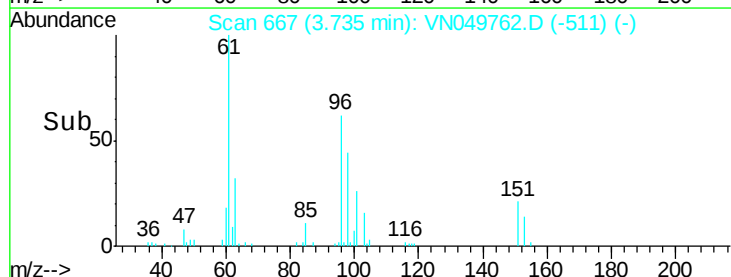
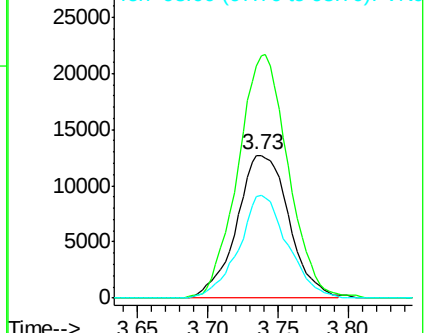
98 70.8 53.5 80.3

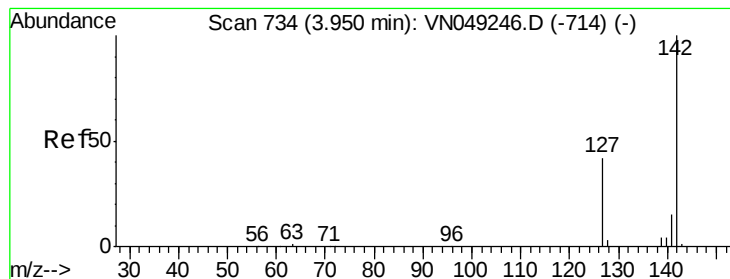


Abundance Ion 96.00 (95.70 to 96.70): V

Ion 61.00 (60.70 to 61.70): V

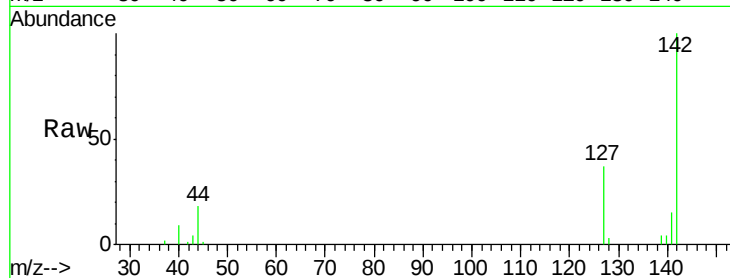
Ion 98.00 (97.70 to 98.70): V



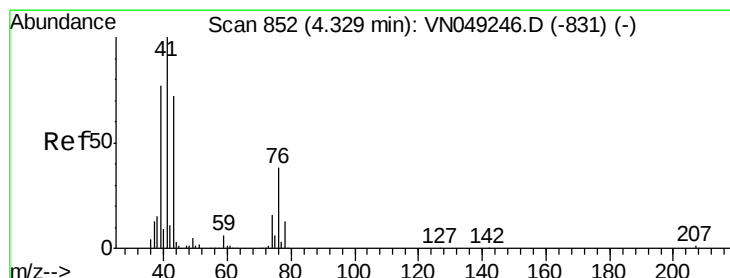
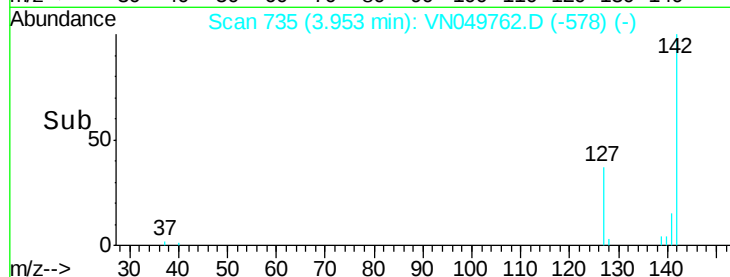
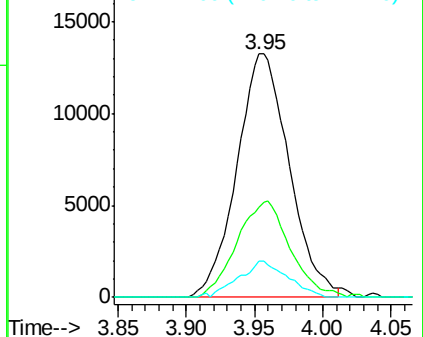


#11
Methyl Iodide
Concen: 1.72 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tot Ion:142 Resp: 35244
Ion Ratio Lower Upper
142 100
127 36.4 20.2 60.5
141 15.2 6.9 20.6

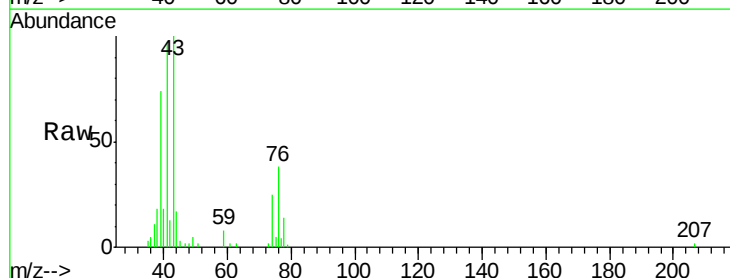


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

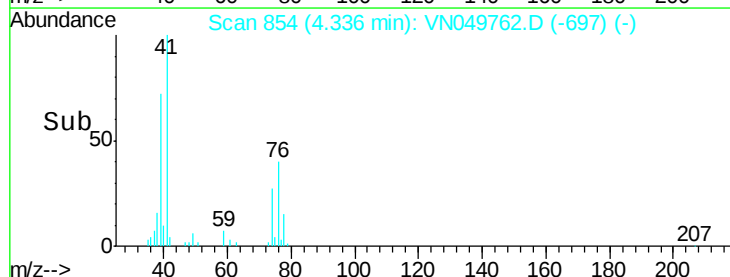
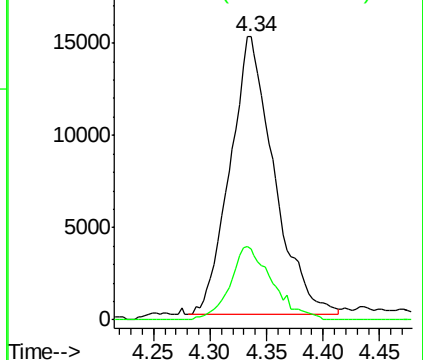


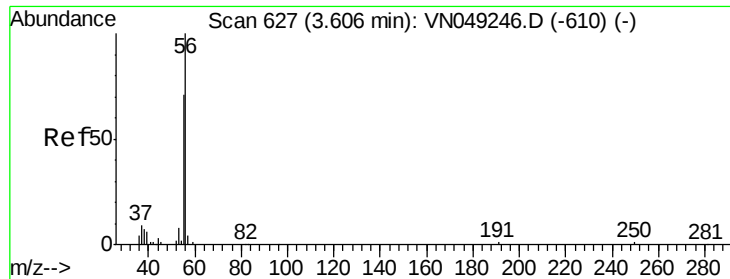
#12
Methyl Acetate
Concen: 3.04 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 43 Resp: 40822
Ion Ratio Lower Upper
43 100
74 25.6 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: 13.09 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN049762.D

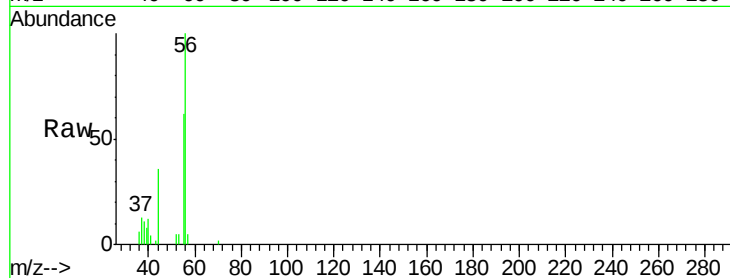
Acq: 11 Jul 2018 17:46

Tot Ion: 56 Resp: 18408

Ion Ratio Lower Upper

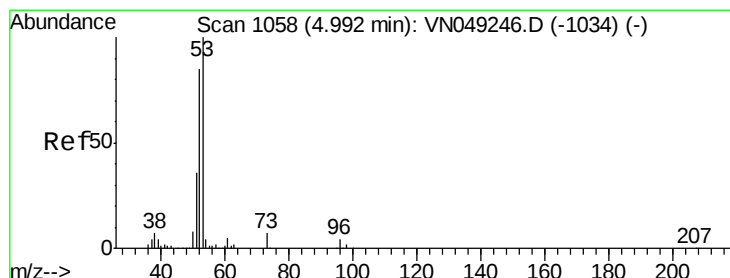
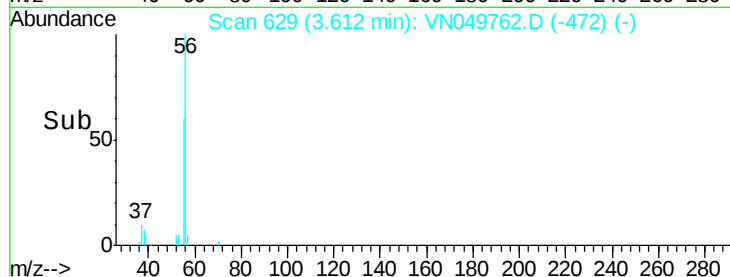
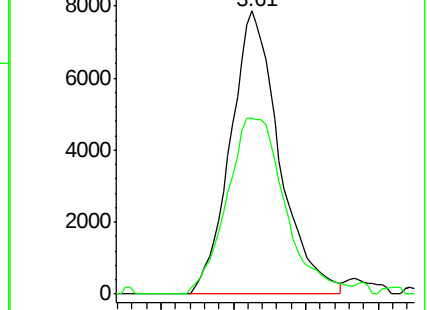
56 100

55 74.1 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN049762.D (-610) (-)

Ion 55.00 (54.70 to 55.70): VN049762.D (-610) (-)



#14

Acrylonitrile

Concen: 11.57 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

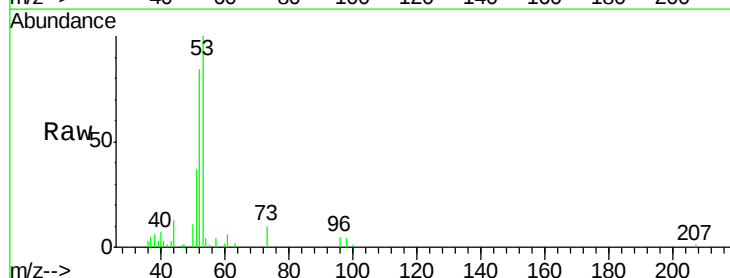
Tgt Ion: 53 Resp: 55816

Ion Ratio Lower Upper

53 100

52 41.2 41.5 124.5#

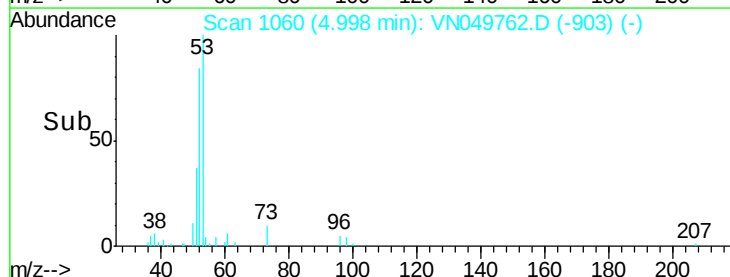
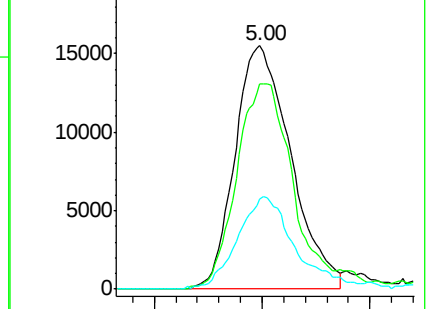
51 36.5 18.7 56.1

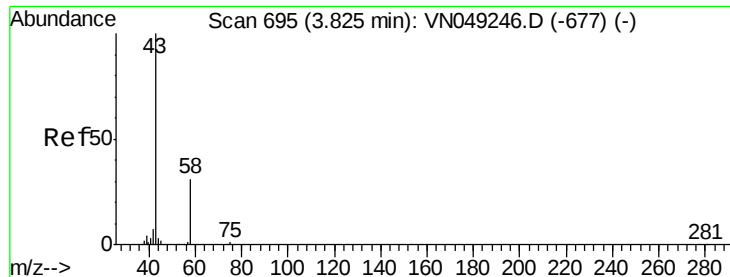


Abundance Ion 53.00 (52.70 to 53.70): VN049762.D (-1034) (-)

Ion 52.00 (51.70 to 52.70): VN049762.D (-1034) (-)

Ion 51.00 (50.70 to 51.70): VN049762.D (-1034) (-)





#15

Acetone

Concen: 13.22 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN049762.D

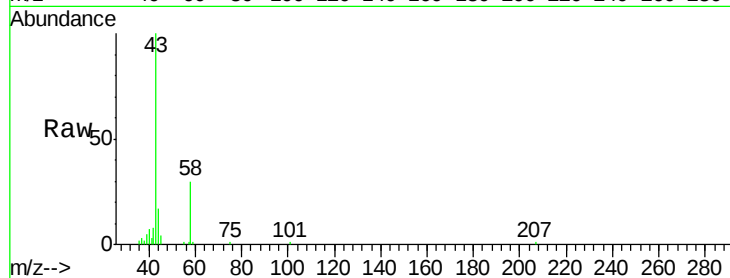
Acq: 11 Jul 2018 17:46

Tot Ion: 58 Resp: 16084

Ion Ratio Lower Upper

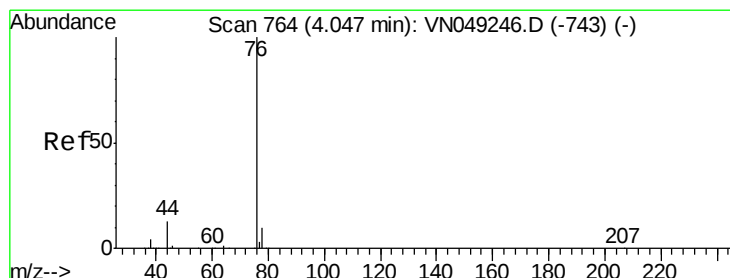
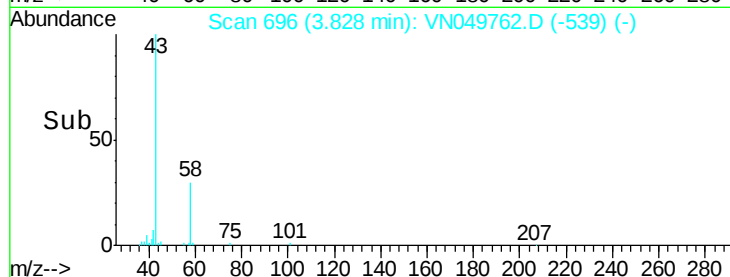
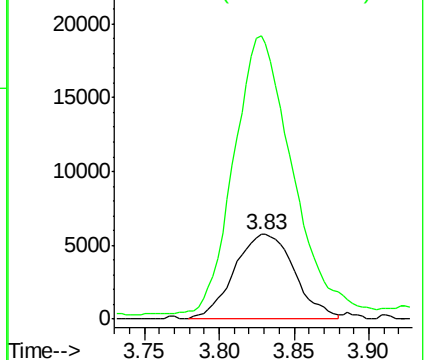
58 100

43 325.1 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN049762.D (-677) (-)

Ion 43.00 (42.70 to 43.70): VN049762.D (-677) (-)



#16

Carbon Disulfide

Concen: 2.58 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049762.D

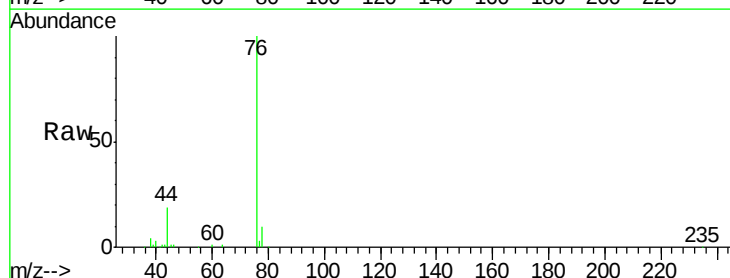
Acq: 11 Jul 2018 17:46

Tgt Ion: 76 Resp: 109564

Ion Ratio Lower Upper

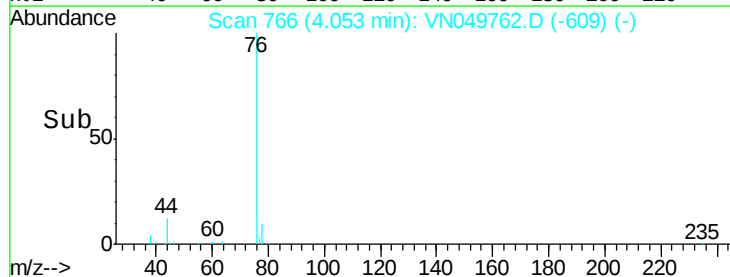
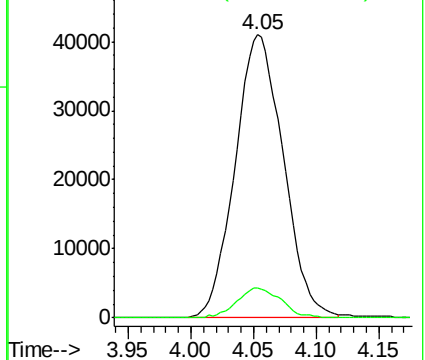
76 100

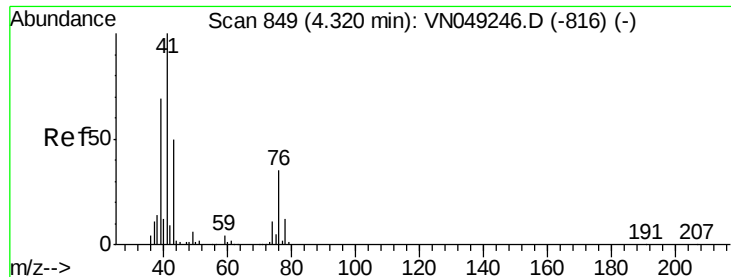
78 10.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN049762.D (-609) (-)

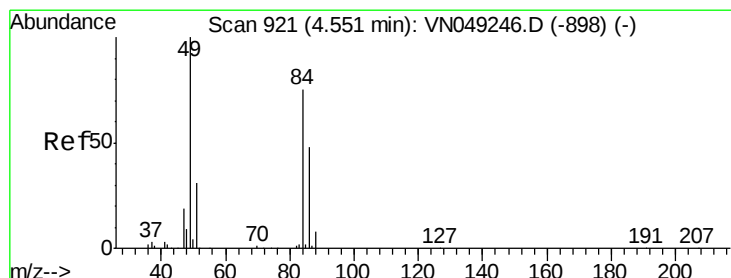
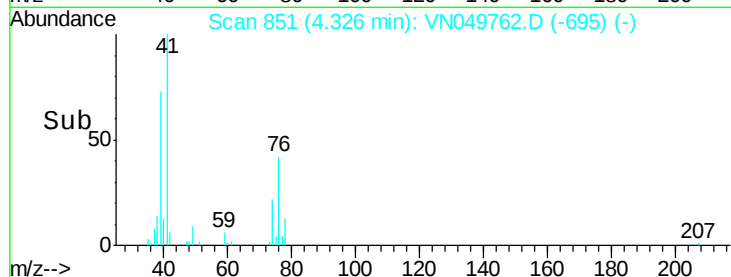
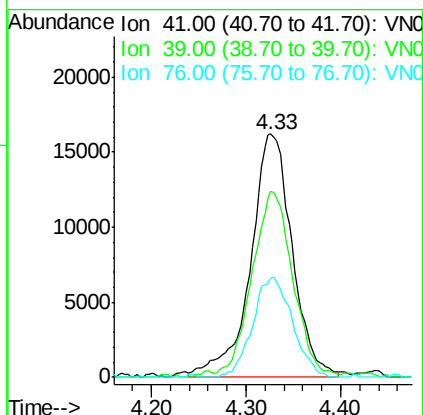
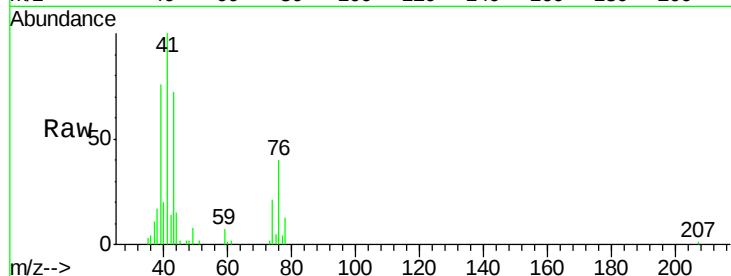
Ion 78.00 (77.70 to 78.70): VN049762.D (-609) (-)





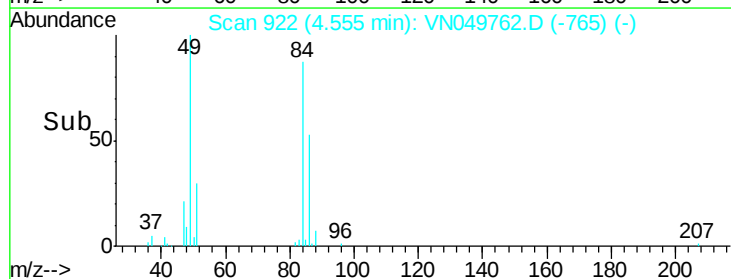
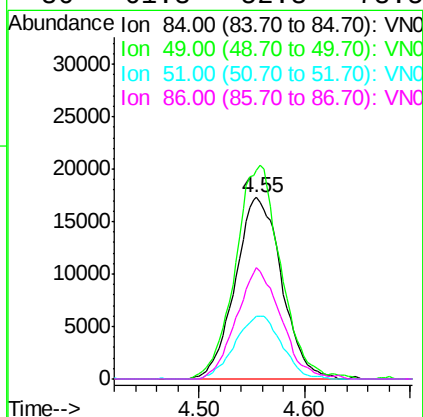
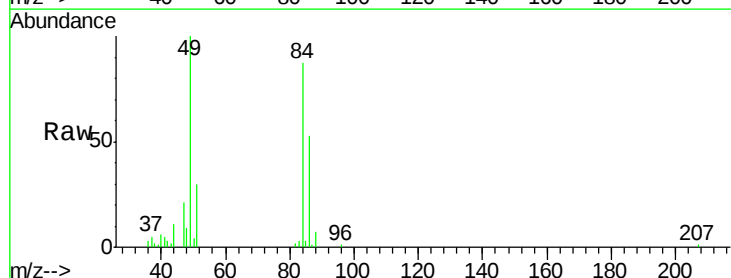
#17
Allvl chloride
Concen: 2.28 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

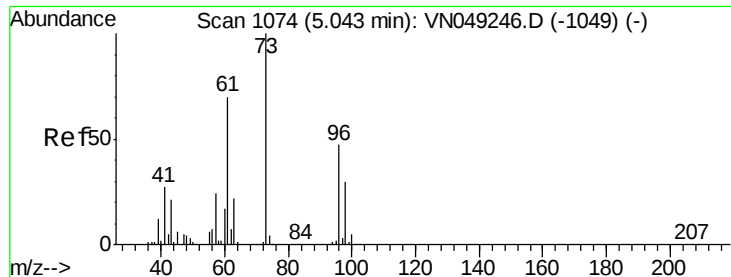
Tot Ion: 41 Resp: 49515
Ion Ratio Lower Upper
41 100
39 78.0 35.4 106.3
76 41.3 19.7 59.1



#18
Methylene Chloride
Concen: 3.25 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

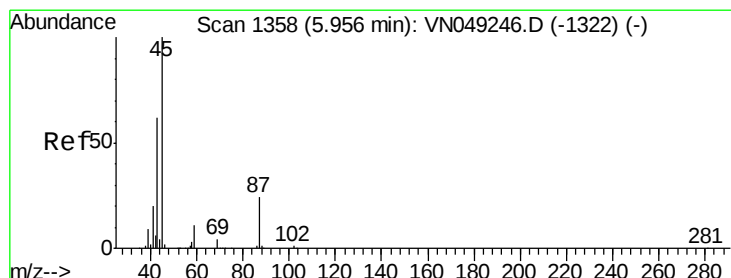
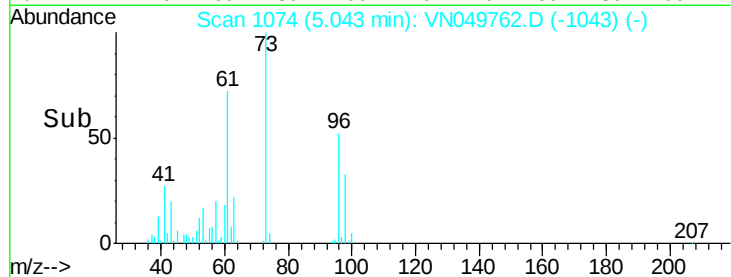
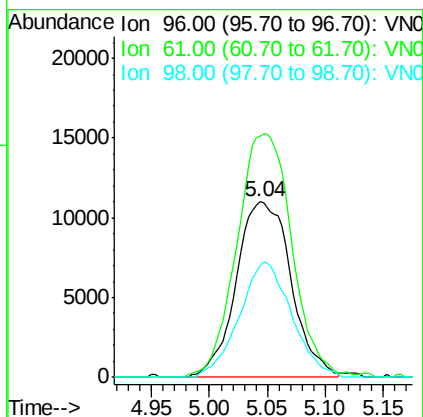
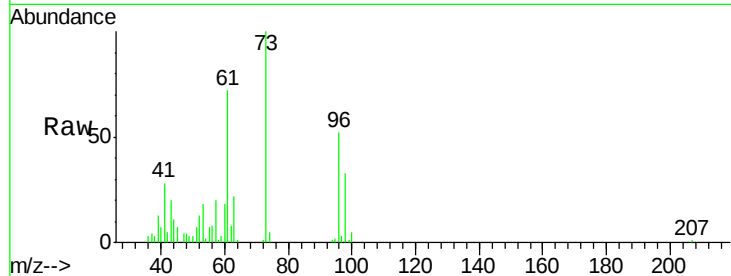
Tgt Ion: 84 Resp: 52984
Ion Ratio Lower Upper
84 100
49 115.0 95.1 142.7
51 34.6 28.8 43.2
86 61.3 52.3 78.5





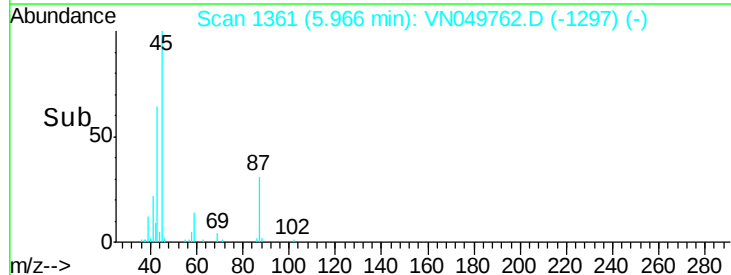
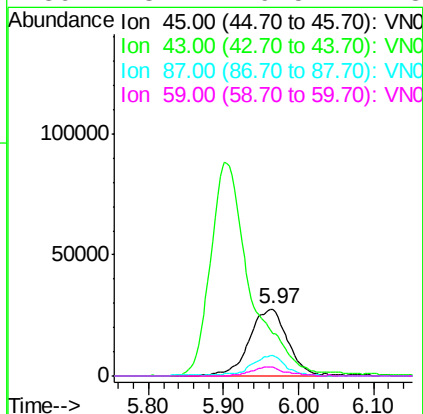
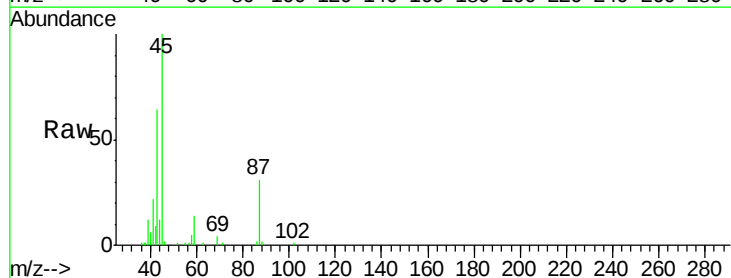
#19
trans-1,2-Dichloroethene
Concen: 2.49 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

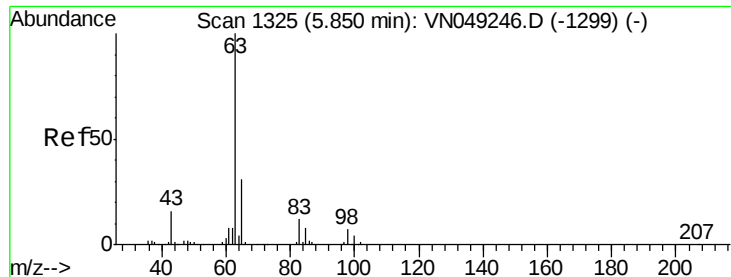
Tot Ion: 96 Resp: 36161
Ion Ratio Lower Upper
96 100
61 135.9 112.1 168.1
98 63.8 51.3 76.9



#20
Diisopropyl ether
Concen: 2.26 ug/l m
RT: 5.97 min Scan# 1361
Delta R.T. 0.01 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 45 Resp: 98997
Ion Ratio Lower Upper
45 100
43 64.4 46.6 70.0
87 31.3 22.3 33.5
59 13.7 9.5 14.3





#21

1,1-Dichloroethane

Concen: 2.58 ug/l

RT: 5.86 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

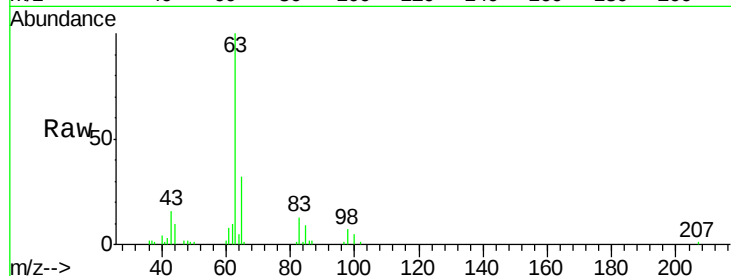
Tot Ion: 63 Resp: 69371

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.6

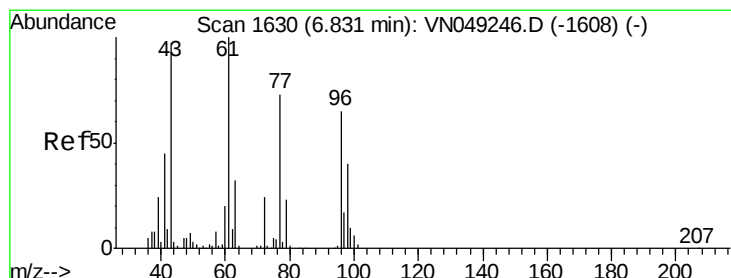
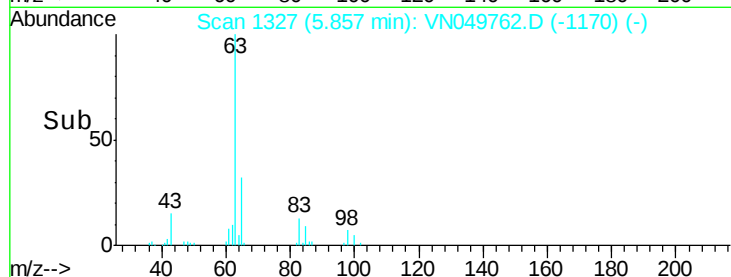
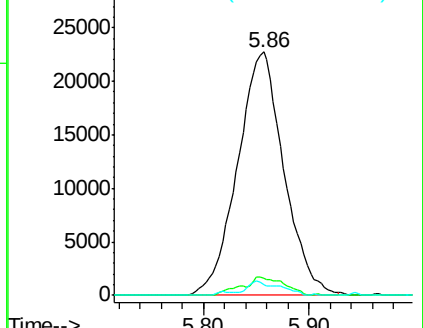
100 4.6 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN049762.D (-1327) (-)

Ion 98.00 (97.70 to 98.70): VN049762.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VN049762.D (-1327) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.40 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

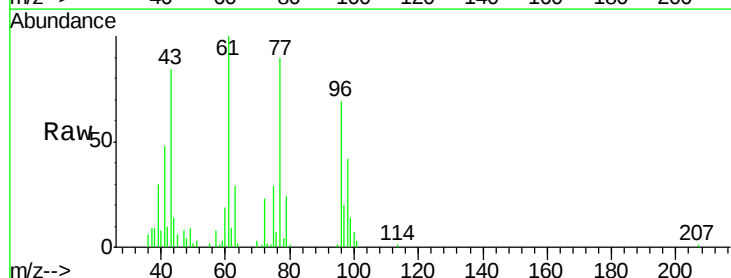
Tgt Ion: 96 Resp: 38908

Ion Ratio Lower Upper

96 100

61 148.2 114.2 171.2

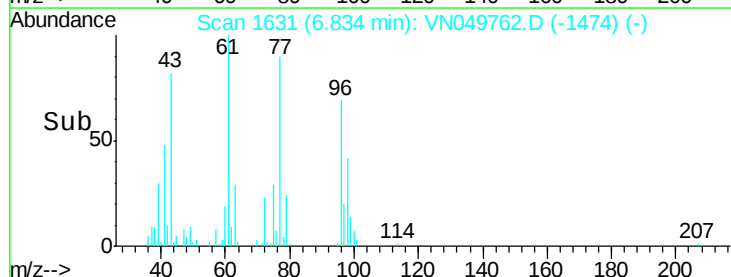
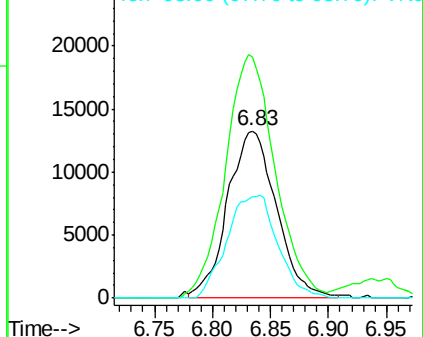
98 63.9 51.7 77.5

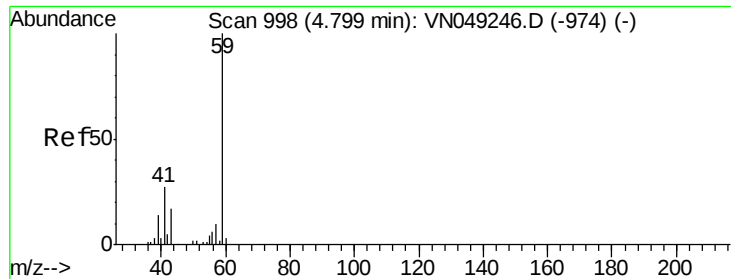


Abundance Ion 96.00 (95.70 to 96.70): VN049762.D (-1631) (-)

Ion 61.00 (60.70 to 61.70): VN049762.D (-1631) (-)

Ion 98.00 (97.70 to 98.70): VN049762.D (-1631) (-)





#23

tert-Butyl Alcohol

Concen: 11.92 ug/l

RT: 4.80 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN049762.D

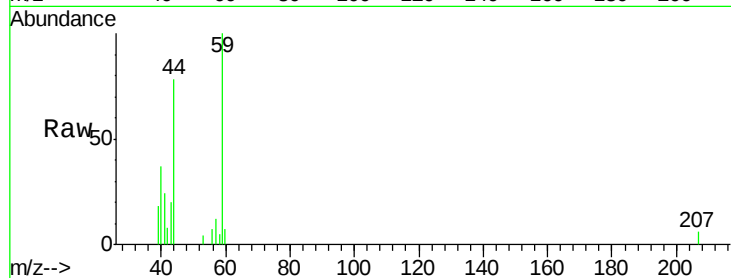
Acq: 11 Jul 2018 17:46

Tot Ion: 59 Resp: 12042

Ion Ratio Lower Upper

59 100

52 0.5 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

4.80

3000

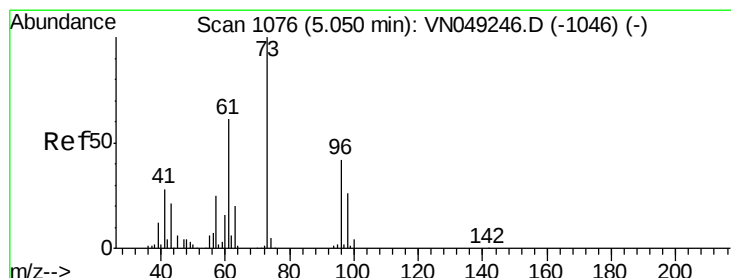
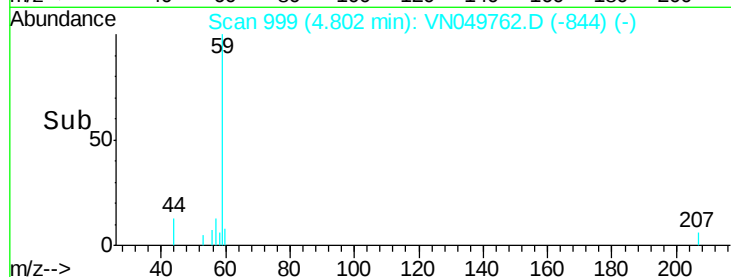
2000

1000

0

Time-->

4.70 4.75 4.80 4.85



#24

Methyl tert-Butyl Ether

Concen: 2.27 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049762.D

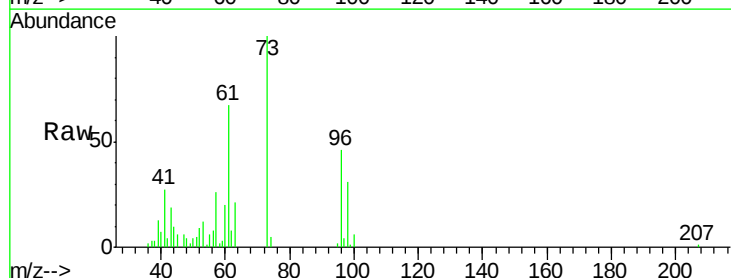
Acq: 11 Jul 2018 17:46

Tgt Ion: 73 Resp: 82960

Ion Ratio Lower Upper

73 100

43 6.2 15.5 23.3#



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

5.05

25000

20000

15000

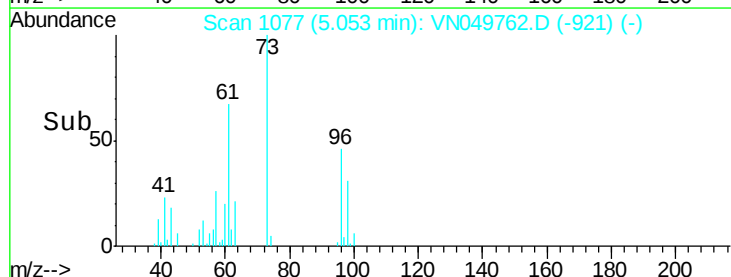
10000

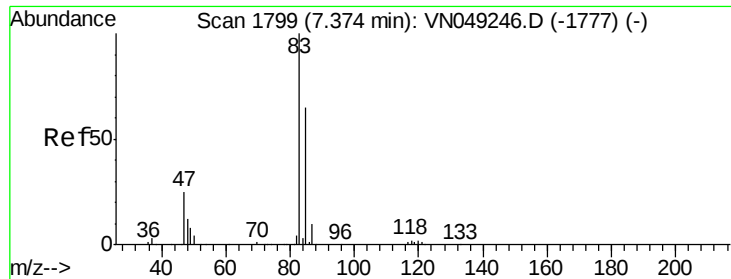
5000

0

Time-->

4.90 5.00 5.10 5.20





#25

Chloroform

Concen: 2.66 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049762.D

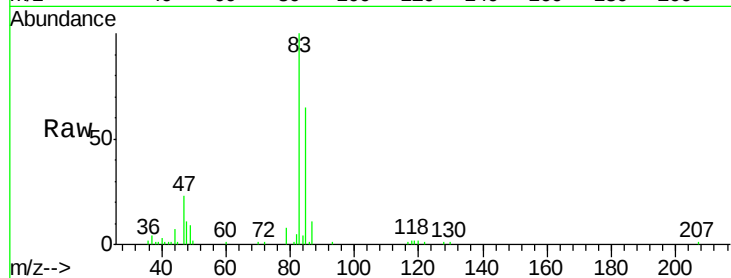
Acq: 11 Jul 2018 17:46

Tot Ion: 83 Resp: 72401

Ion Ratio Lower Upper

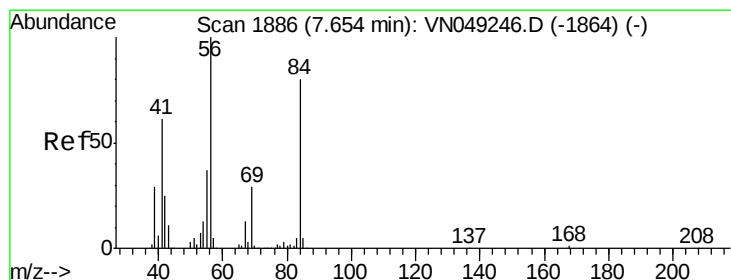
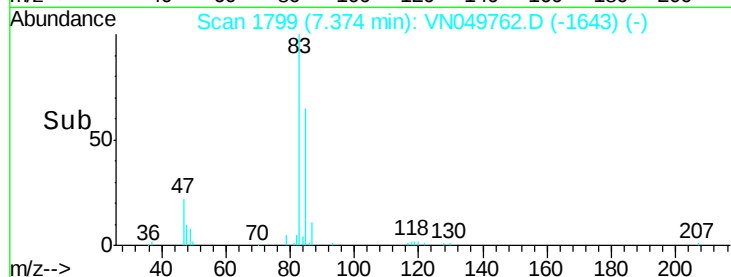
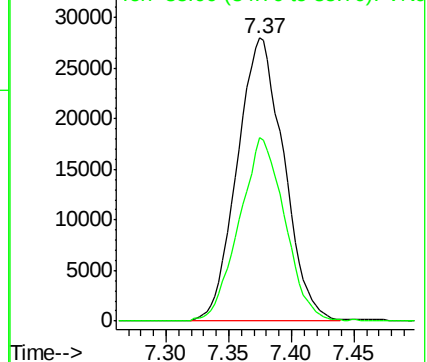
83 100

85 64.7 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 2.07 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

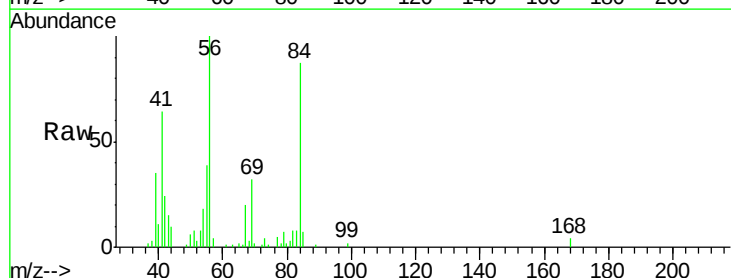
Tgt Ion: 56 Resp: 47092

Ion Ratio Lower Upper

56 100

89 0.8 3.0 4.4#

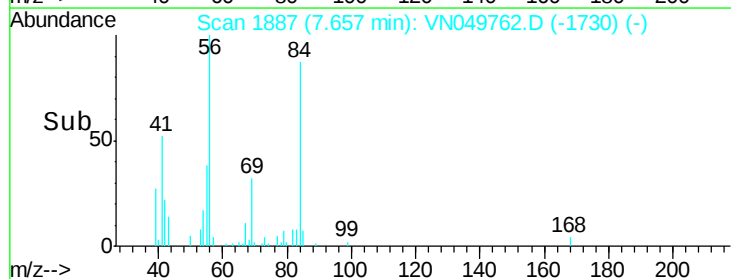
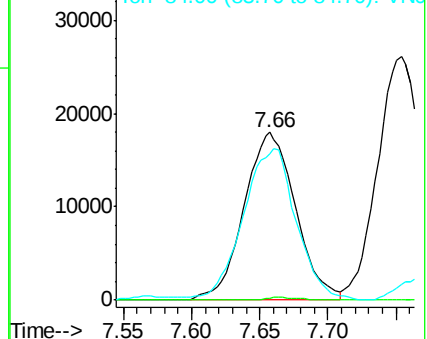
84 93.3 69.8 104.8

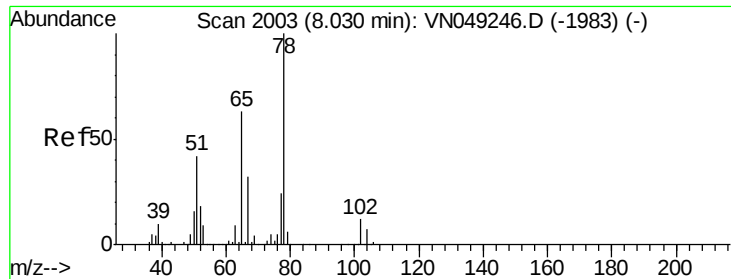


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 30.87 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049762.D

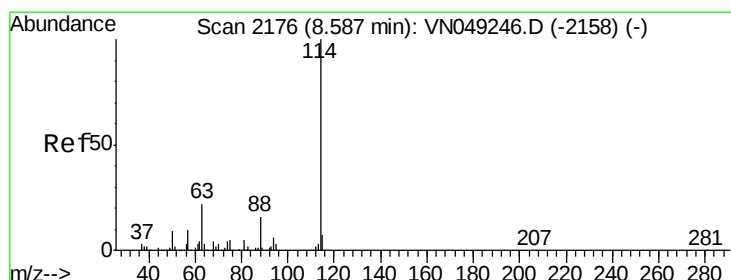
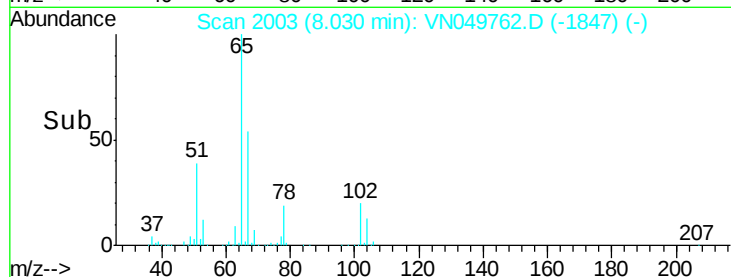
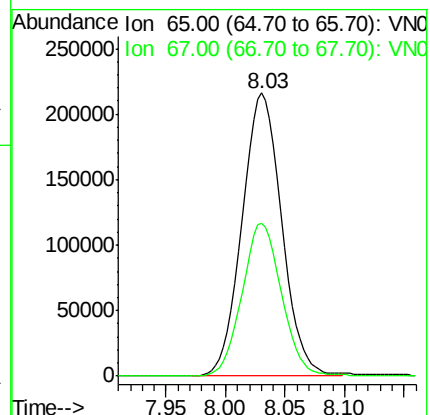
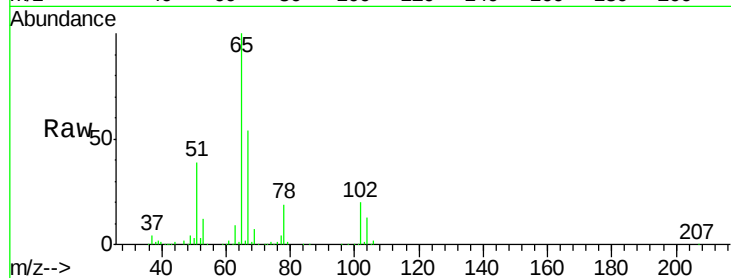
Acq: 11 Jul 2018 17:46

Tot Ion: 65 Resp: 500273

Ion Ratio Lower Upper

65 100

67 53.7 42.7 64.1



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

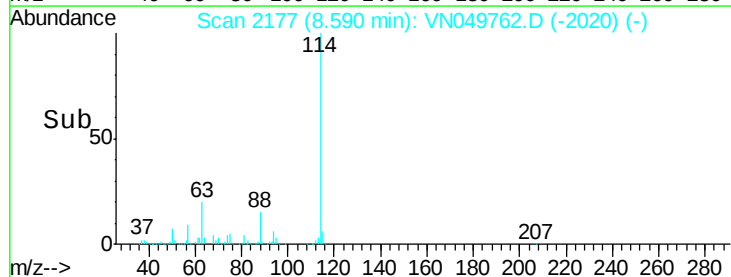
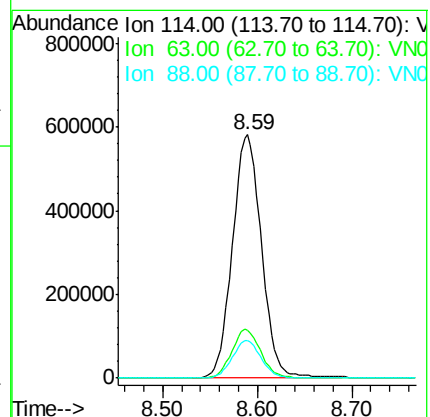
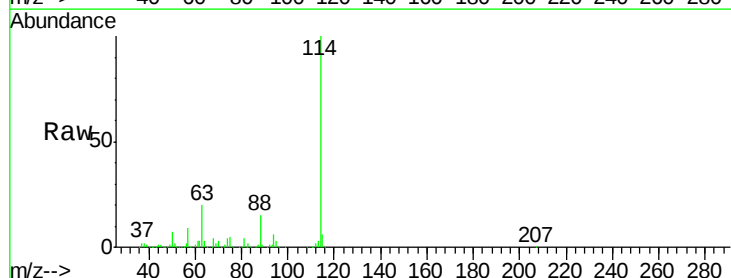
Tgt Ion: 114 Resp: 1244279

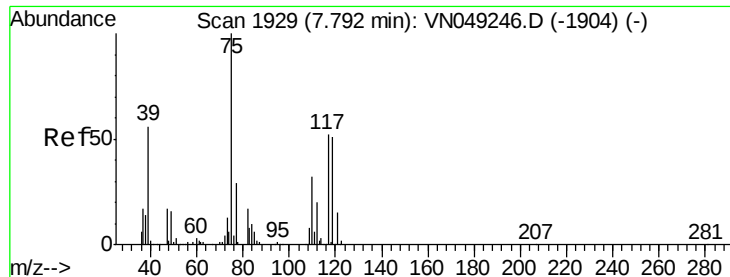
Ion Ratio Lower Upper

114 100

63 19.7 16.2 24.2

88 15.3 12.3 18.5





#29

1,1-Dichloropropene

Concen: 2.28 ug/l

RT: 7.80 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

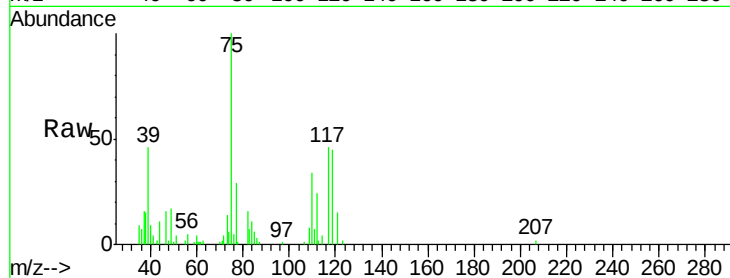
Tot Ion: 75 Resp: 45177

Ion Ratio Lower Upper

75 100

110 34.9 0.0 73.2

77 29.7 0.0 62.0



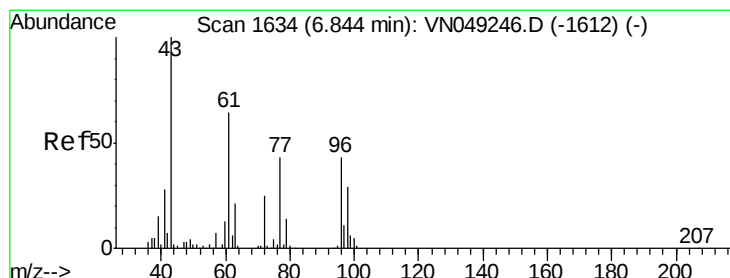
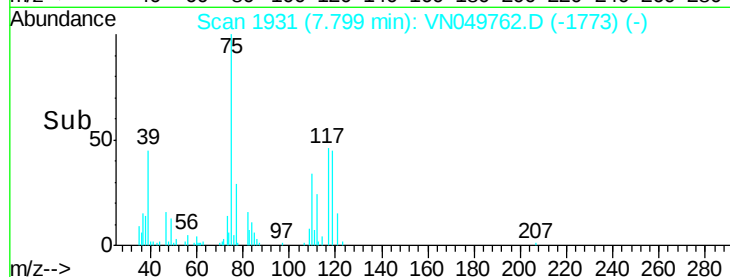
Abundance Ion 75.00 (74.70 to 75.70): VN049762.D (-1904) (-)

Ion 110.00 (109.70 to 110.70): VN049762.D (-1904) (-)

Ion 77.00 (76.70 to 77.70): VN049762.D (-1904) (-)

Time-->

7.70 7.75 7.80 7.85



#30

2-Butanone

Concen: 11.72 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

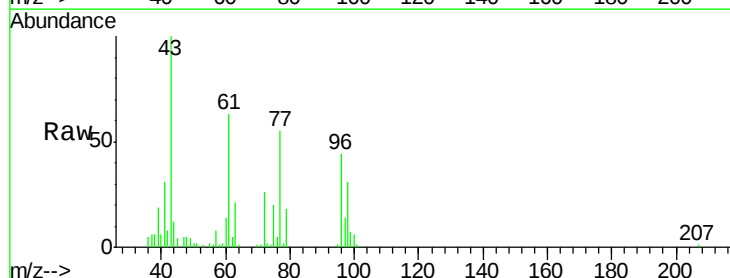
Tgt Ion: 43 Resp: 64664

Ion Ratio Lower Upper

43 100

57 6.8 6.8 10.2#

72 25.9 21.4 32.0



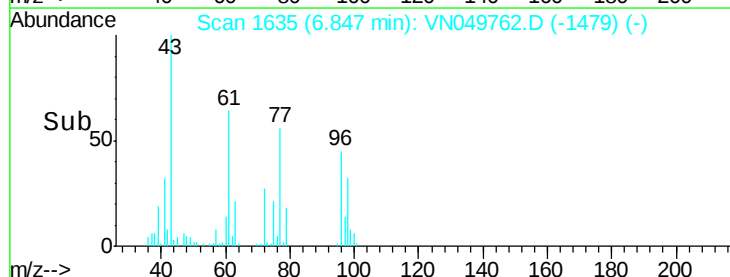
Abundance Ion 43.00 (42.70 to 43.70): VN049762.D (-1612) (-)

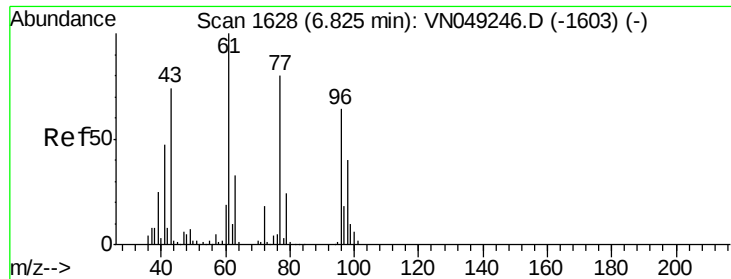
Ion 57.00 (56.70 to 57.70): VN049762.D (-1612) (-)

Ion 72.00 (71.70 to 72.70): VN049762.D (-1612) (-)

Time-->

6.75 6.80 6.85 6.90





#31

2,2-Dichloropropane

Concen: 2.44 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049762.D

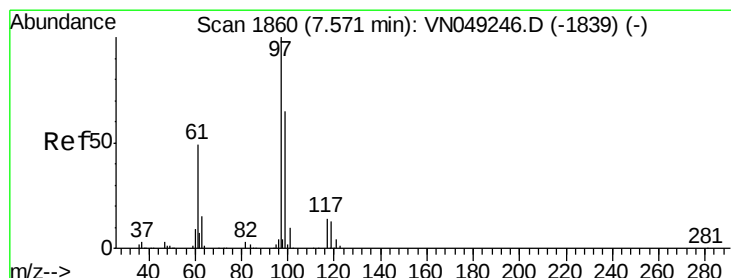
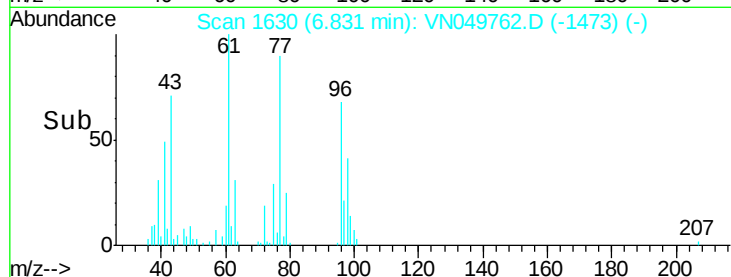
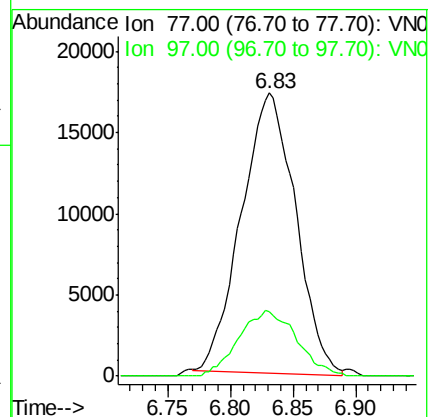
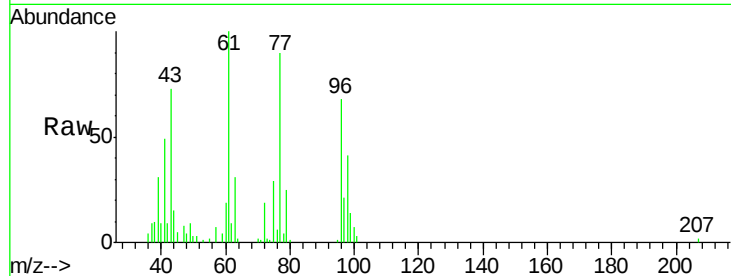
Acq: 11 Jul 2018 17:46

Tot Ion: 77 Resp: 51770

Ion Ratio Lower Upper

77 100

97 24.2 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 2.67 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

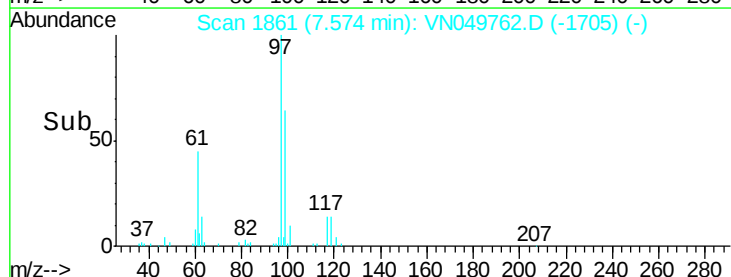
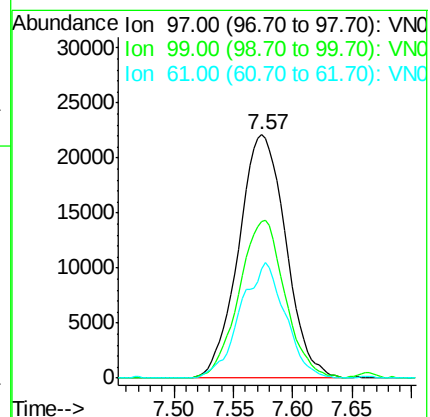
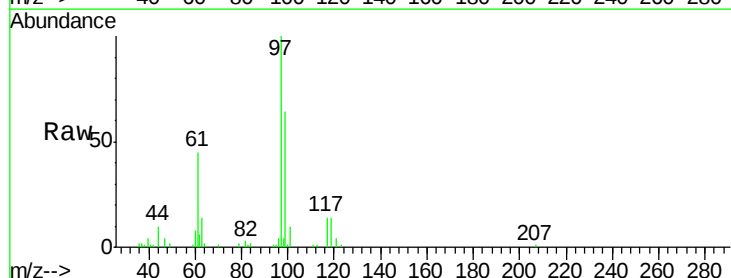
Tgt Ion: 97 Resp: 60859

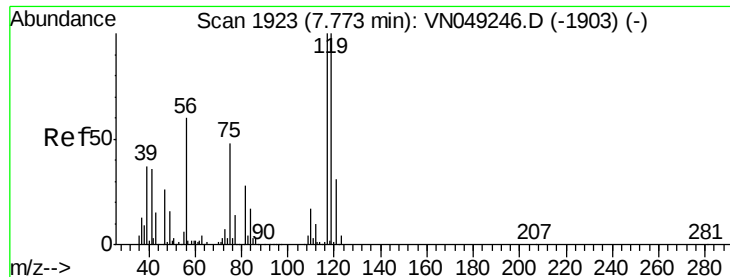
Ion Ratio Lower Upper

97 100

99 63.0 51.2 76.8

61 27.9 35.3 52.9#





#33

Carbon Tetrachloride

Concen: 2.59 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

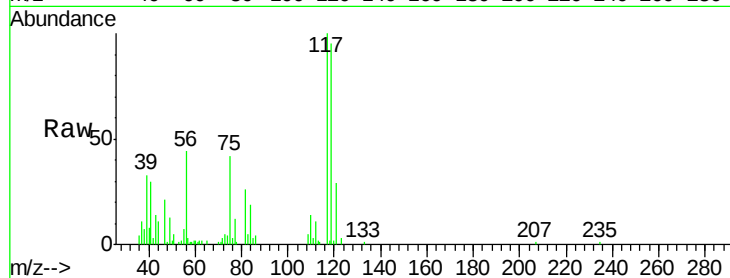
Tot Ion:117 Resp: 52349

Ion Ratio Lower Upper

117 100

119 96.2 76.9 115.3

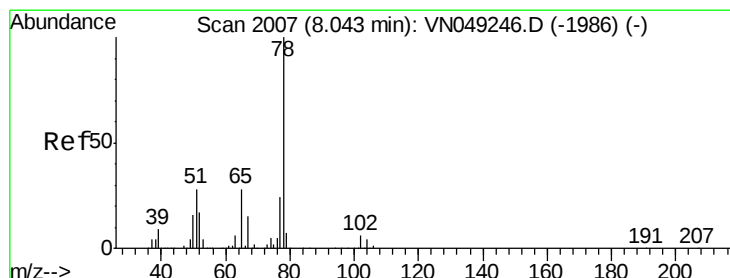
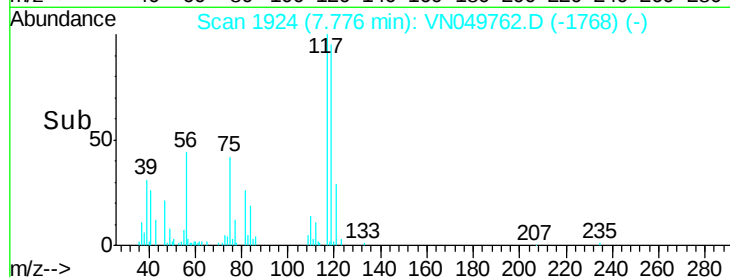
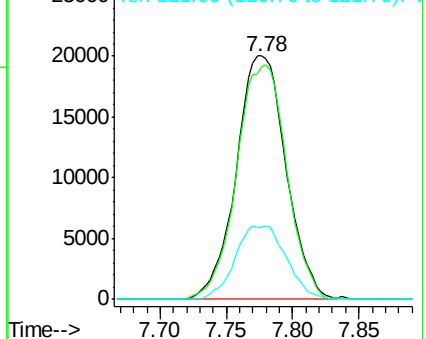
121 29.5 24.4 36.6



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: 2.53 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

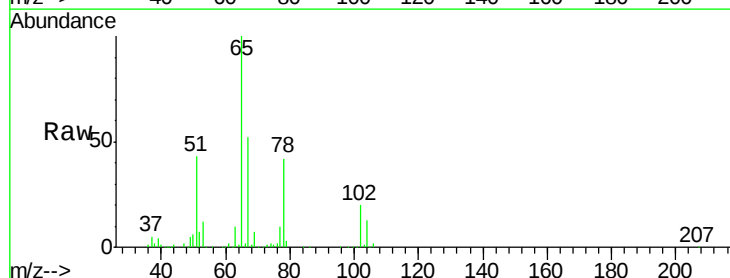
Tgt Ion: 78 Resp: 150464

Ion Ratio Lower Upper

78 100

77 23.0 19.1 28.7

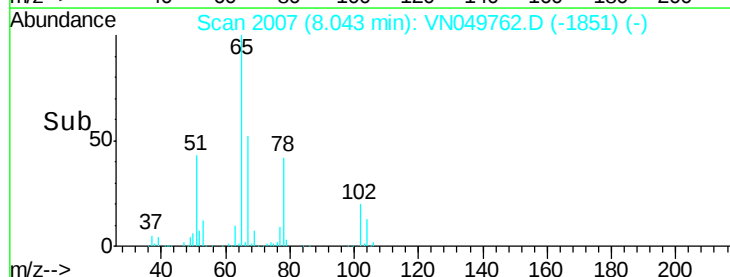
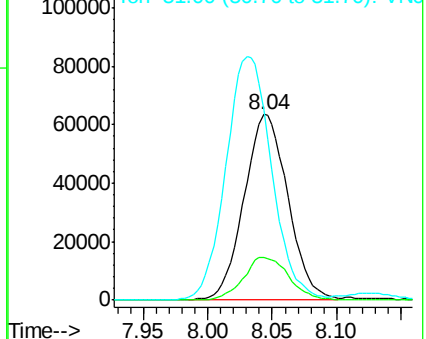
51 100.3 21.0 31.4#

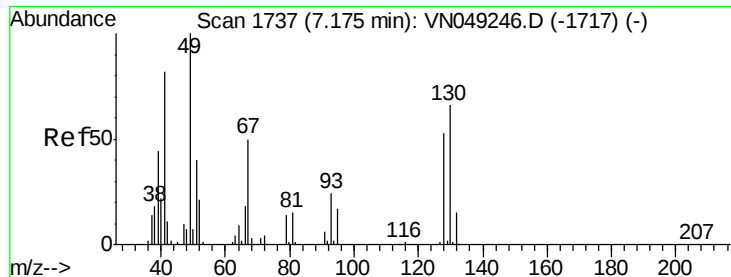


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

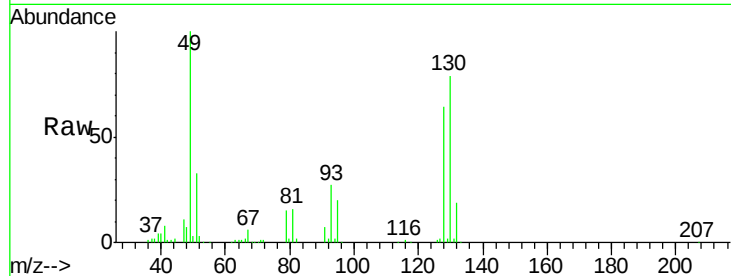
Ion 51.00 (50.70 to 51.70): V



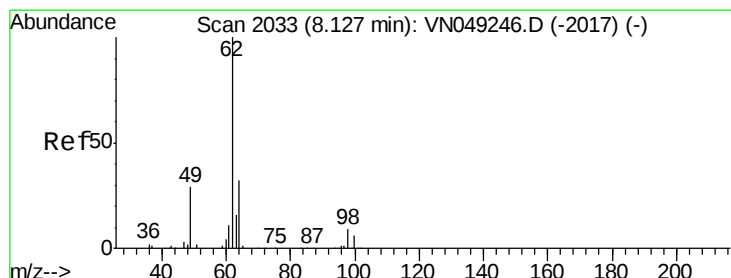
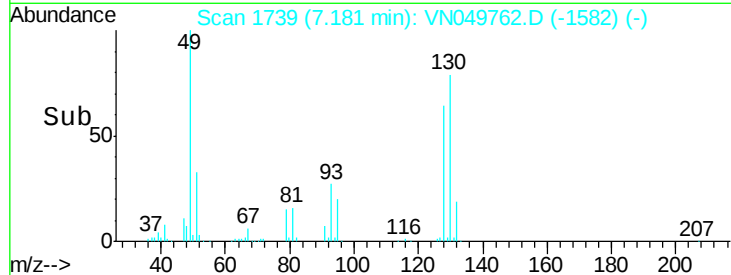
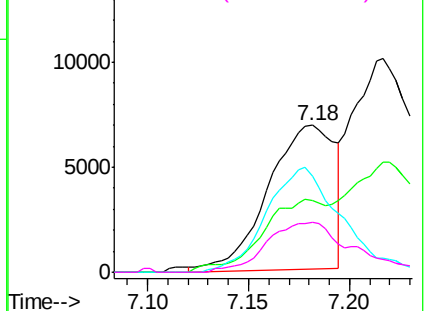


#35
Methacrylonitrile
Concen: 2.50 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tot Ion:	41	Resp:	15768
Ion	Ratio	Lower	Upper
41	100		
39	50.9	27.6	82.7
67	68.1	35.1	105.5
52	35.3	14.1	42.4

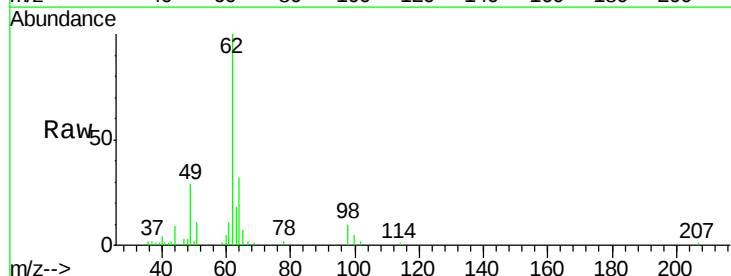


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

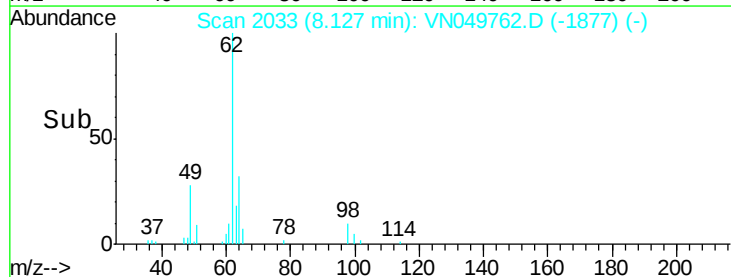
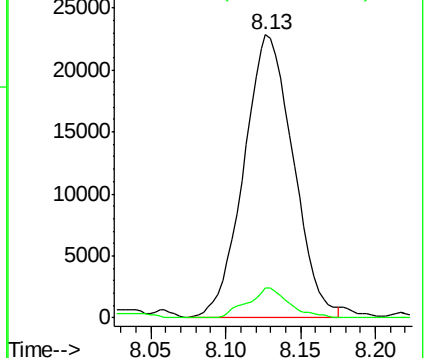


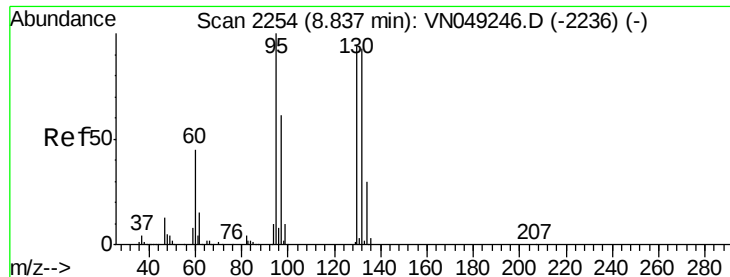
#36
1,2-Dichloroethane
Concen: 2.77 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion:	62	Resp:	52525
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 2.62 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049762.D

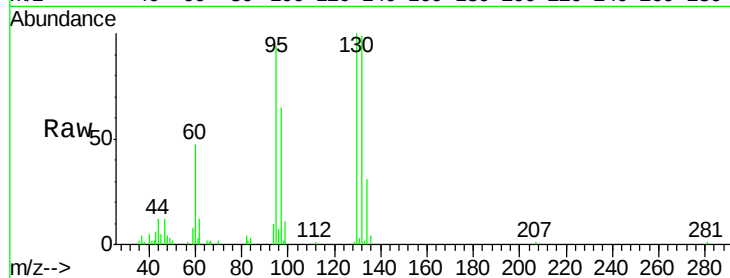
Acq: 11 Jul 2018 17:46

Tot Ion:130 Resp: 40530

Ion Ratio Lower Upper

130 100

95 93.3 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0

8.83

20000

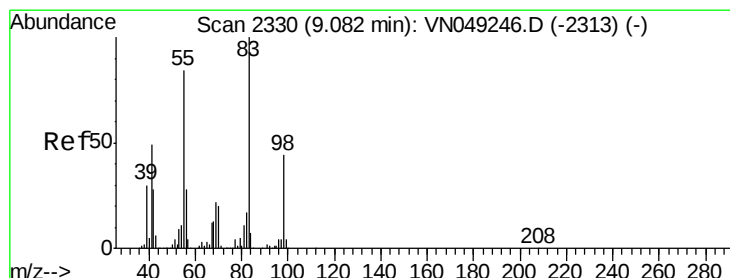
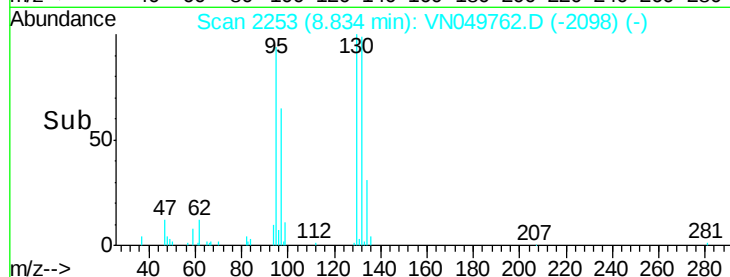
15000

10000

5000

0

Time--> 8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 2.25 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

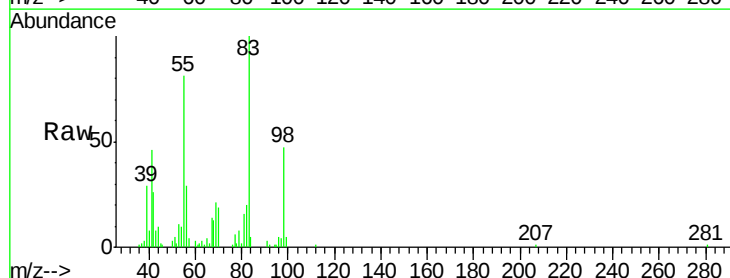
Tgt Ion: 83 Resp: 47948

Ion Ratio Lower Upper

83 100

55 80.2 39.3 117.8

98 47.1 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

9.08

30000

25000

20000

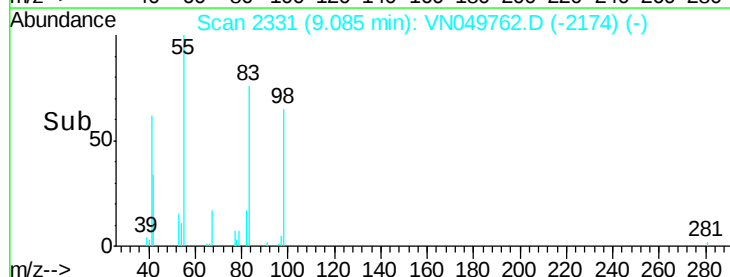
15000

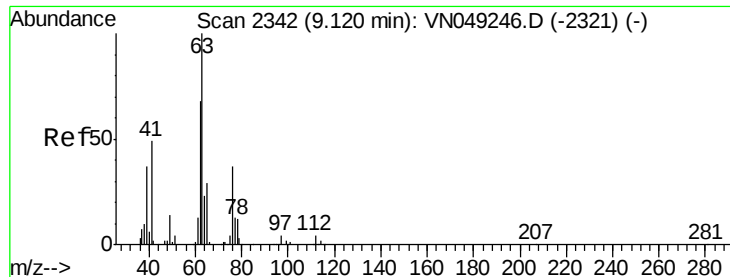
10000

5000

0

Time--> 9.00 9.05 9.10 9.15





#39

1,2-Dichloropropane

Concen: 2.59 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049762.D

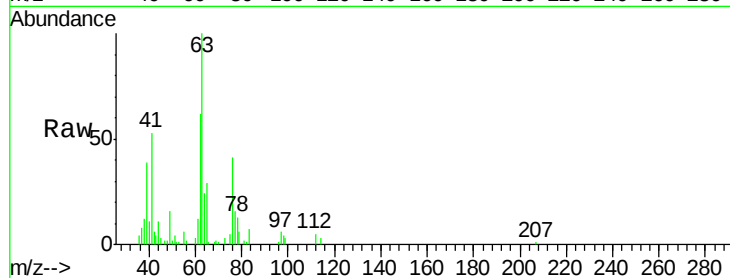
Acq: 11 Jul 2018 17:46

Tot Ion: 63 Resp: 39987

Ion Ratio Lower Upper

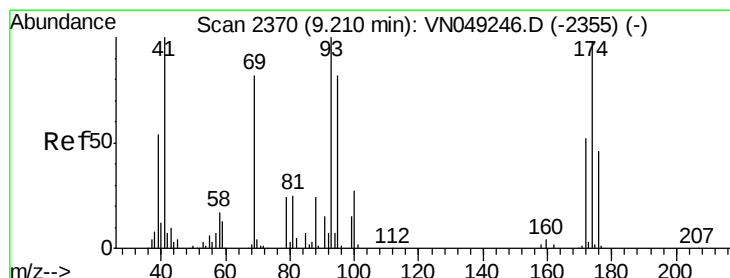
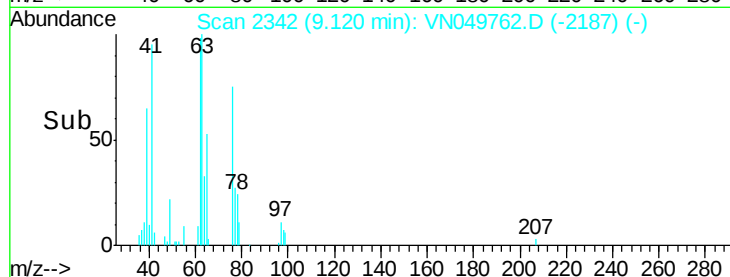
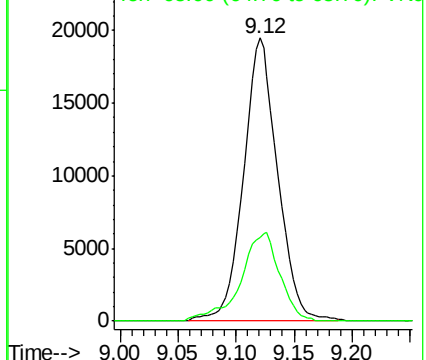
63 100

65 29.4 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: 2.67 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

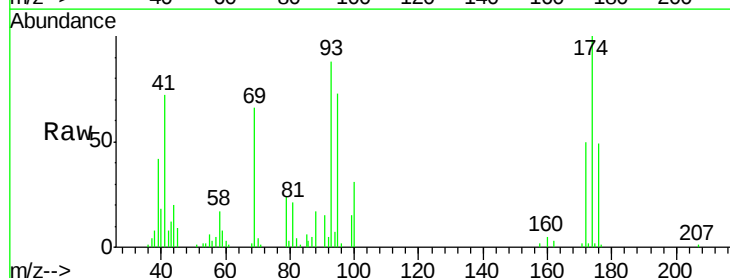
Tgt Ion: 93 Resp: 24725

Ion Ratio Lower Upper

93 100

95 80.8 0.0 165.6

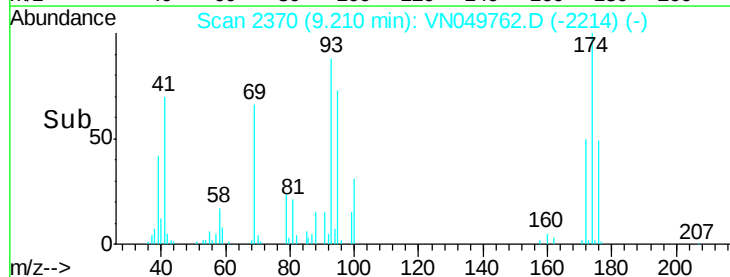
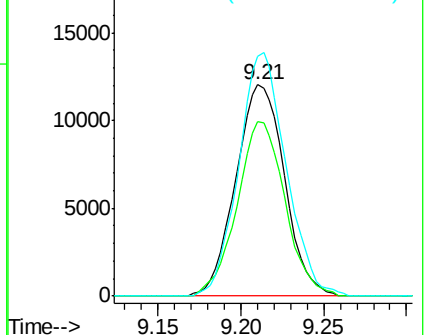
174 111.9 0.0 223.2

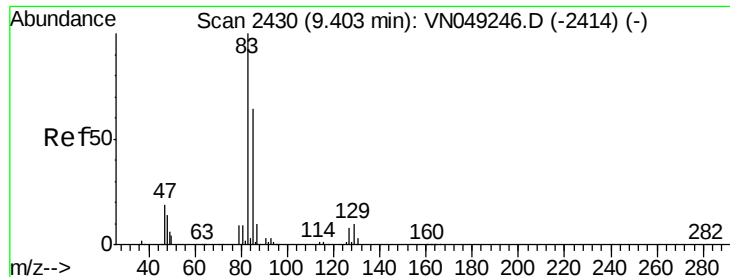


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 2.57 ug/l

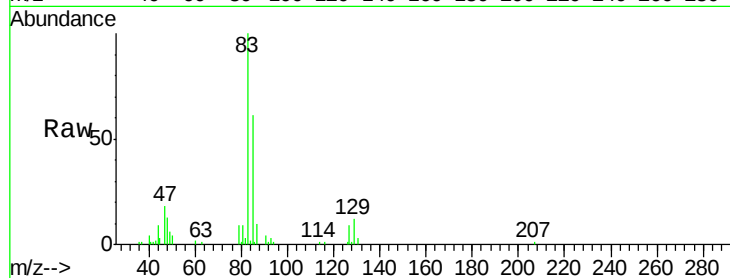
RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

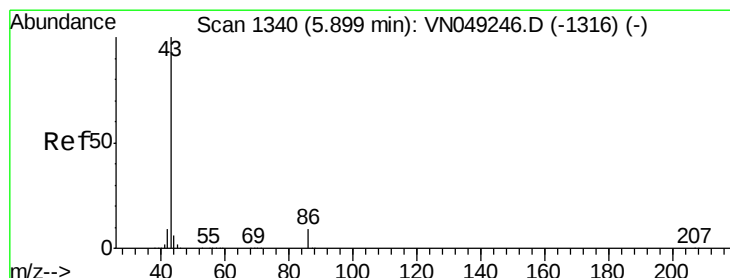
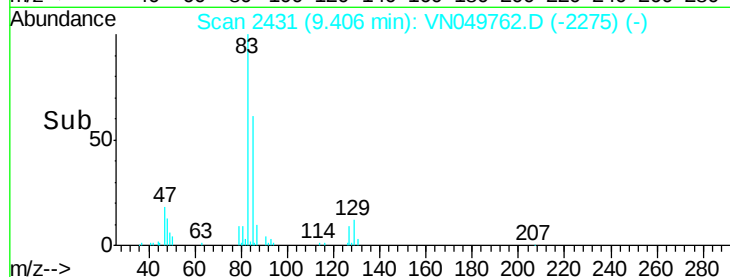
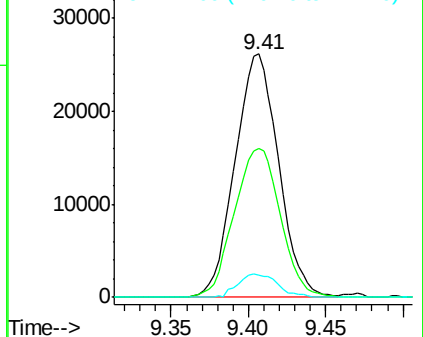
Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

Tot Ion:	83	Resp:	51315
Ion	Ratio	Lower	Upper
83	100		
85	61.0	52.6	78.8
127	9.8	7.0	10.4



Abundance Ion 83.00 (82.70 to 83.70): VN049762.D (-2275) (-)



#42

Vinyl Acetate

Concen: 10.98 ug/l

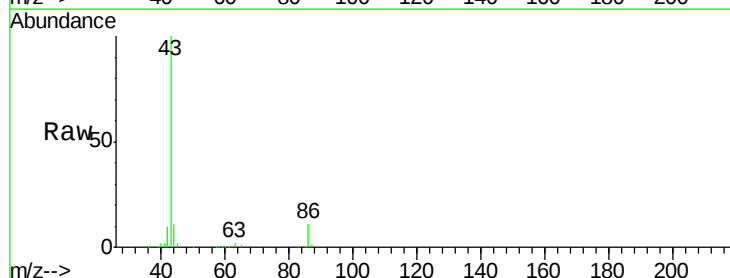
RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

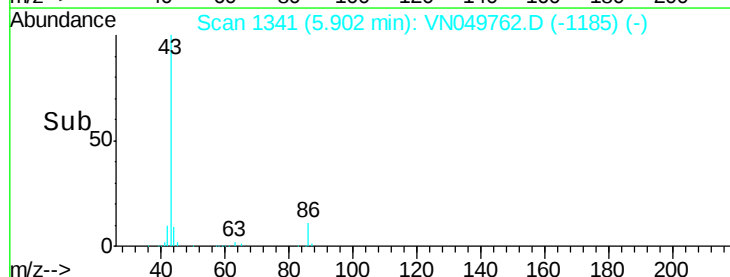
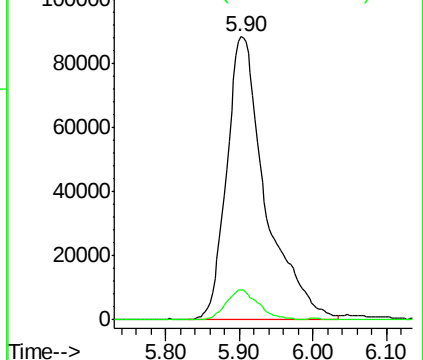
Lab File: VN049762.D

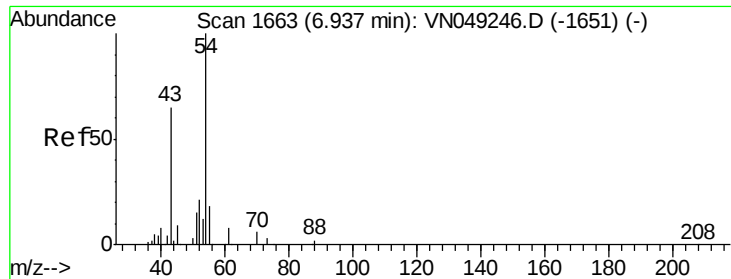
Acq: 11 Jul 2018 17:46

Tgt Ion:	43	Resp:	321324
Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.3	10.9



Abundance Ion 43.00 (42.70 to 43.70): VN049762.D (-1185) (-)





#43

Ethyl Acetate

Concen: 2.65 ug/l

RT: 6.94 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VN049762.D

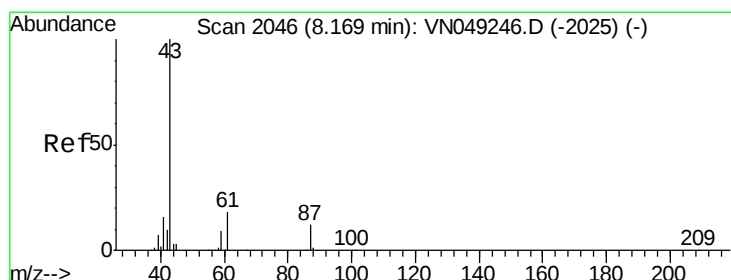
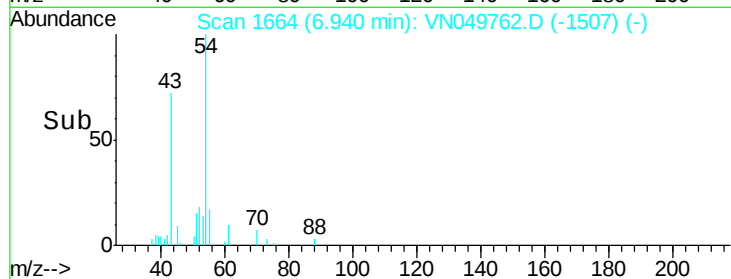
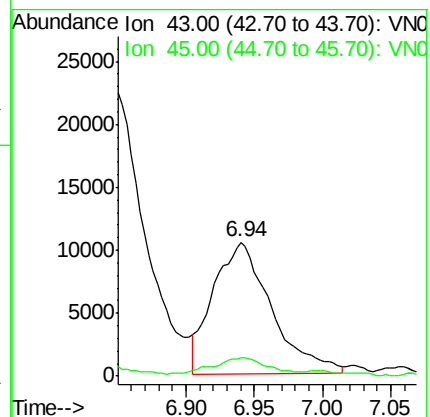
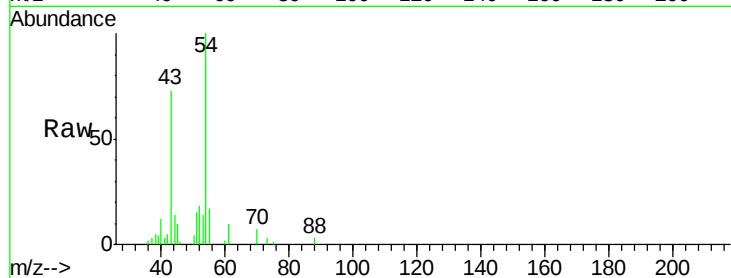
Acq: 11 Jul 2018 17:46

Tot Ion: 43 Resp: 30921

Ion Ratio Lower Upper

43 100

45 11.6 13.0 19.6#



#44

Isopropyl Acetate

Concen: 2.45 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049762.D

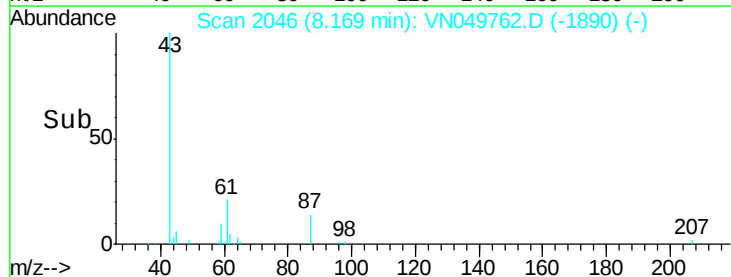
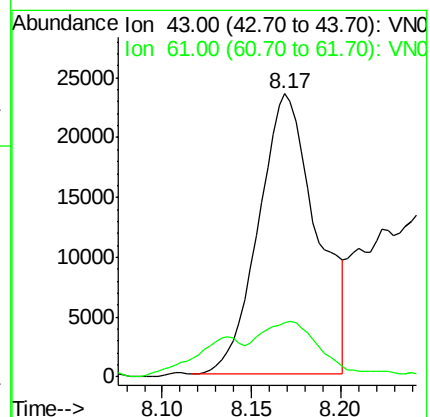
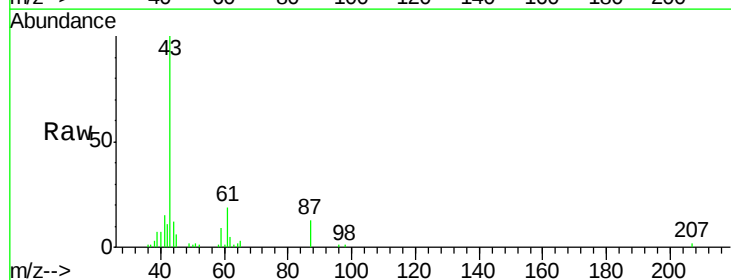
Acq: 11 Jul 2018 17:46

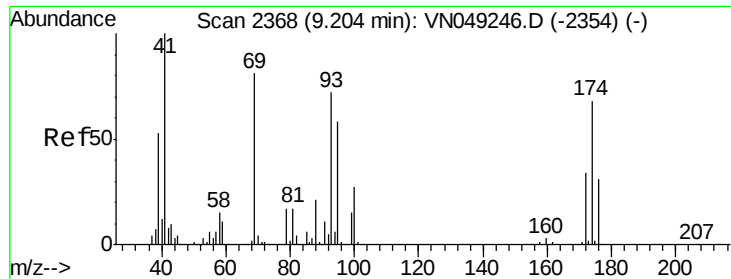
Tgt Ion: 43 Resp: 53453

Ion Ratio Lower Upper

43 100

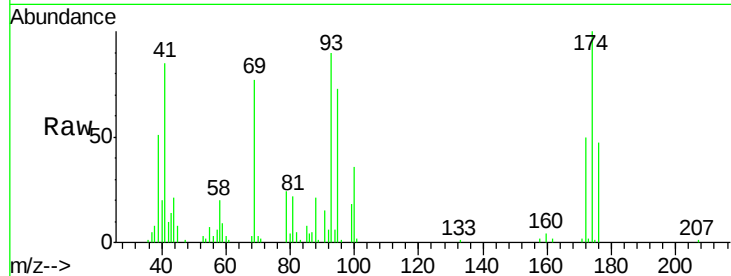
61 17.8 16.4 24.6



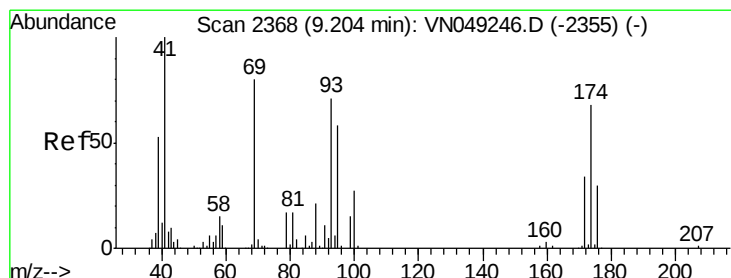
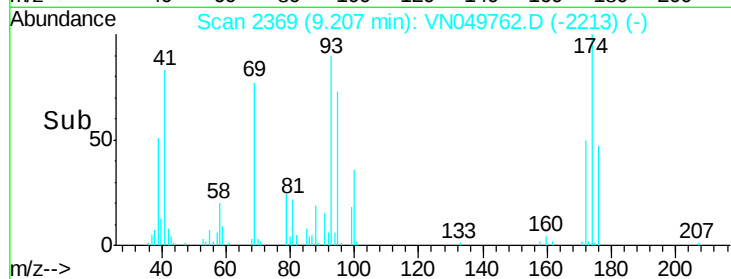
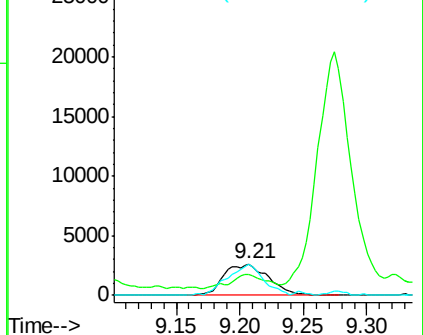


#45
1,4-Dioxane
Concen: 44.63 ug/l m
RT: 9.21 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tot Ion: 88 Resp: 6400
Ion Ratio Lower Upper
88 100
43 4.6 26.9 40.3#
58 0.0 53.6 80.4#

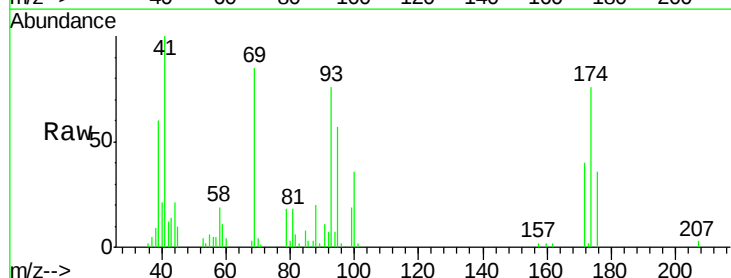


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

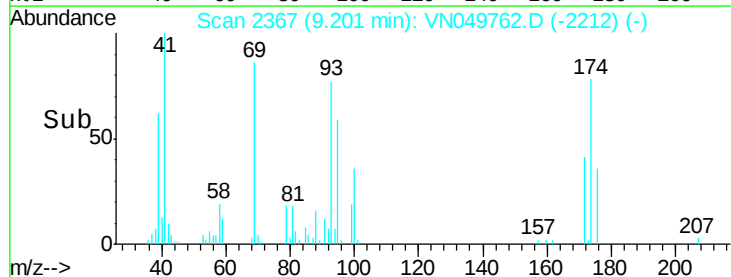
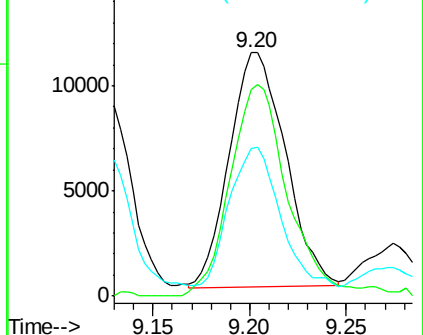


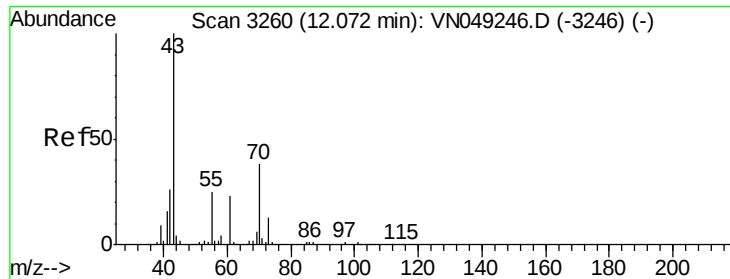
#46
Methyl methacrylate
Concen: 2.06 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 41 Resp: 22491
Ion Ratio Lower Upper
41 100
69 87.2 44.0 132.1
39 59.7 27.0 80.8



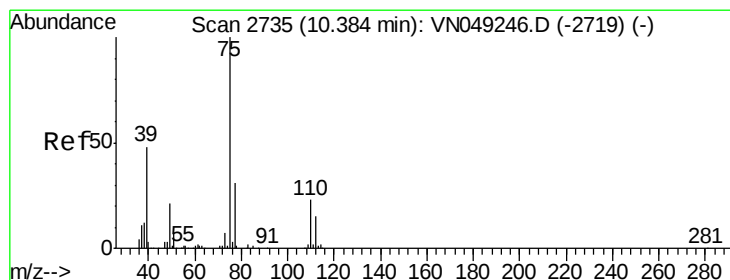
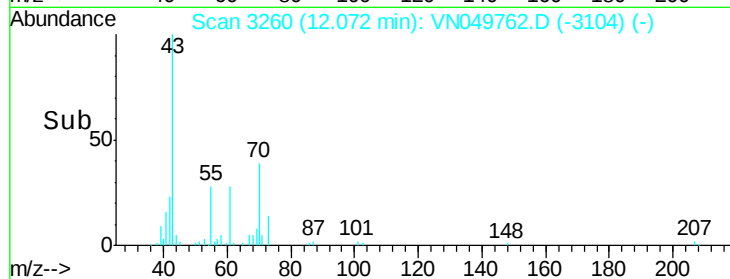
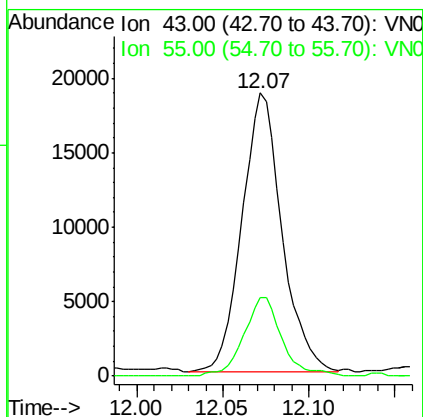
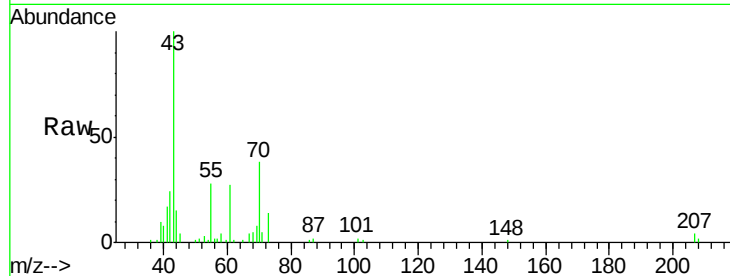
Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





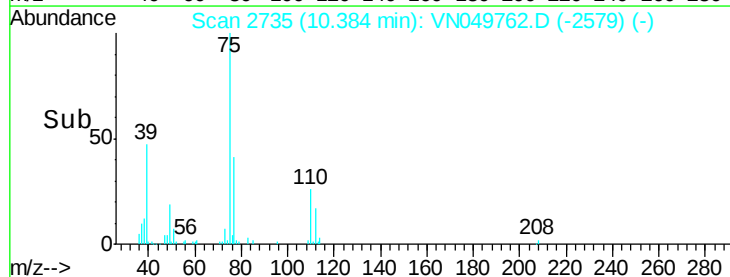
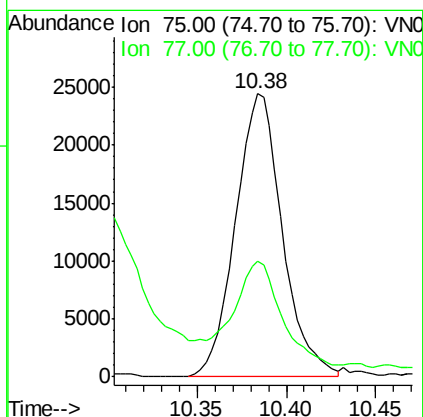
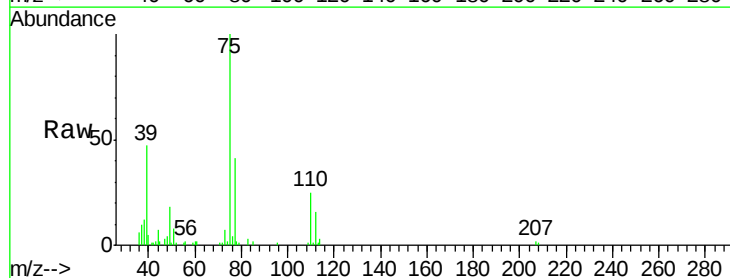
#47
n-amyl Acetate
Concen: 1.66 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

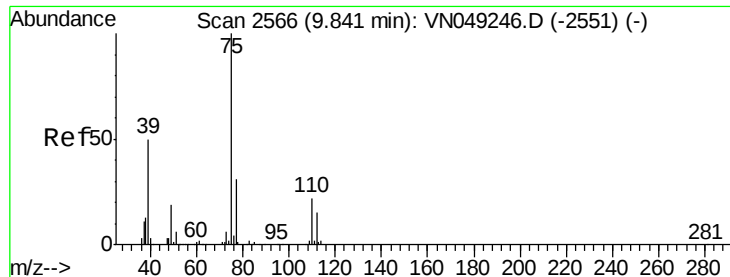
Tot Ion: 43 Resp: 30402
Ion Ratio Lower Upper
43 100
55 25.9 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 2.23 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 75 Resp: 44824
Ion Ratio Lower Upper
75 100
77 36.8 24.6 37.0

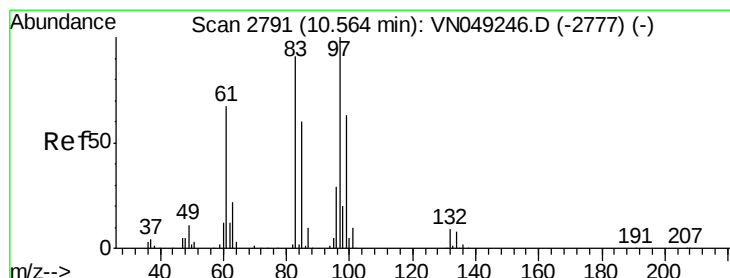
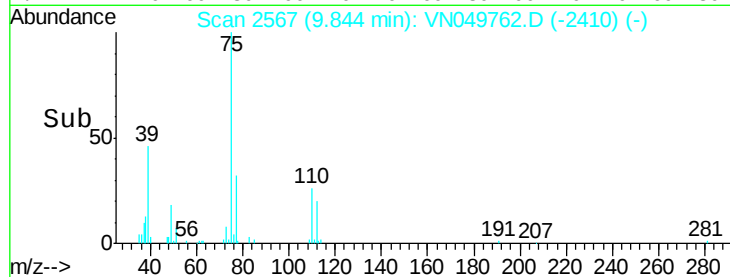
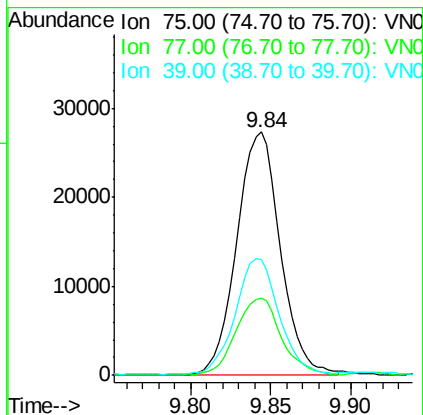
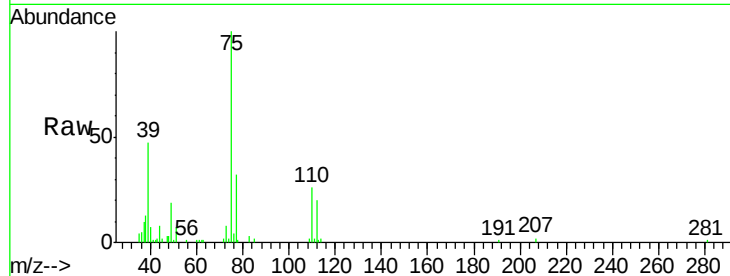




#49

cis-1,3-Dichloropropene
Concen: 2.20 ug/l
RT: 9.84 min Scan# 2567
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

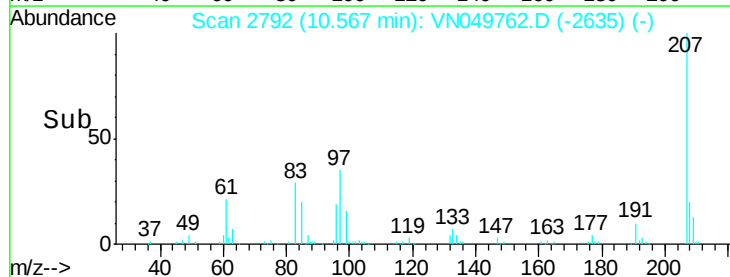
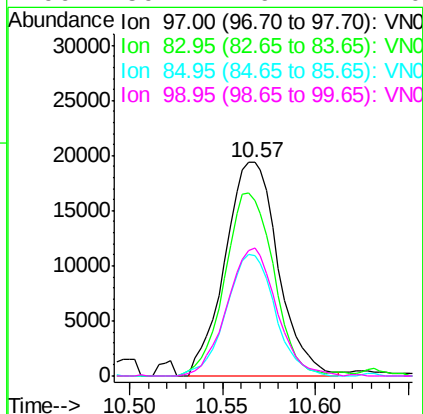
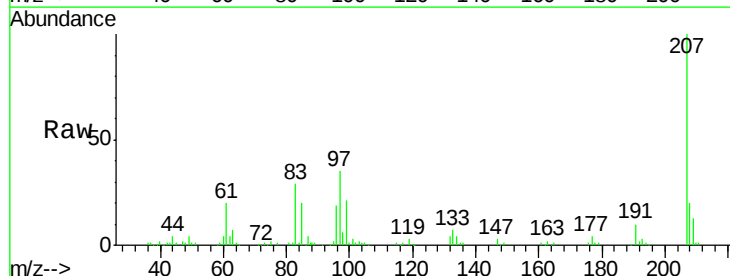
Tot Ion	75	Resp	50902
Ion Ratio	Lower	Upper	
75	100		
77	31.7	25.7	38.5
39	46.4	36.3	54.5

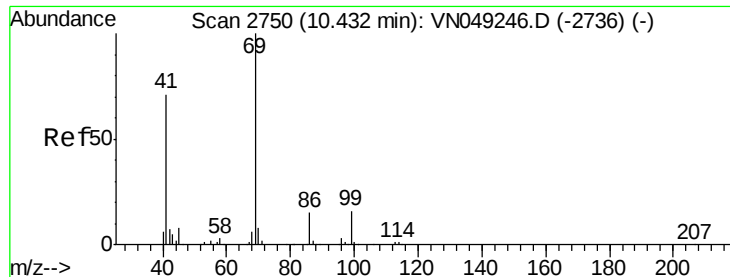


#50

1,1,2-Trichloroethane
Concen: 2.87 ug/l
RT: 10.57 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion	97	Resp	38633
Ion Ratio	Lower	Upper	
97	100		
83	80.1	68.1	102.1
85	56.6	45.4	68.2
99	59.4	49.4	74.0





#51

Ethyl methacrylate

Concen: 2.08 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

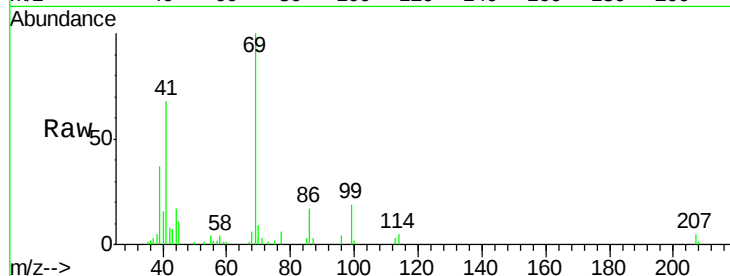
Tot Ion: 69 Resp: 34166

Ion Ratio Lower Upper

69 100

41 67.0 31.9 95.9

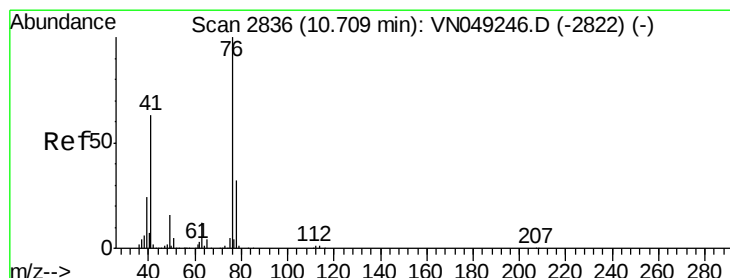
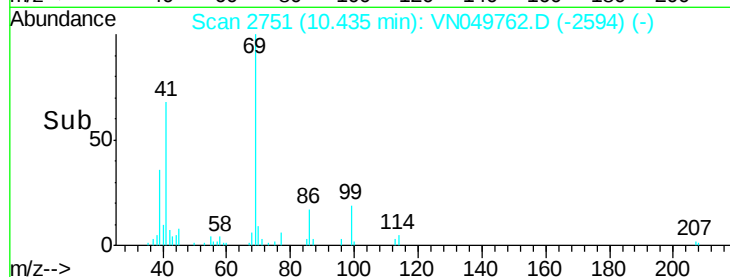
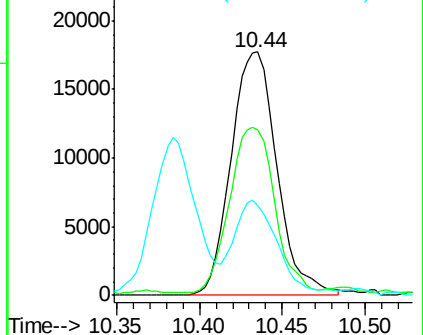
39 34.9 16.7 50.1



Abundance Ion 69.00 (68.70 to 69.70): VN049762.D (-2736) (-)

Ion 41.00 (40.70 to 41.70): VN049762.D (-2736) (-)

Ion 39.00 (38.70 to 39.70): VN049762.D (-2736) (-)



#52

1,3-Dichloropropane

Concen: 2.57 ug/l

RT: 10.71 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN049762.D

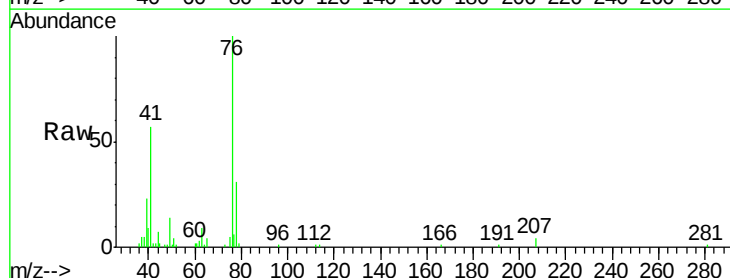
Acq: 11 Jul 2018 17:46

Tgt Ion: 76 Resp: 56940

Ion Ratio Lower Upper

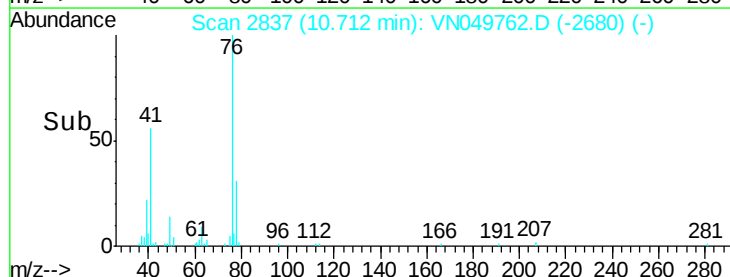
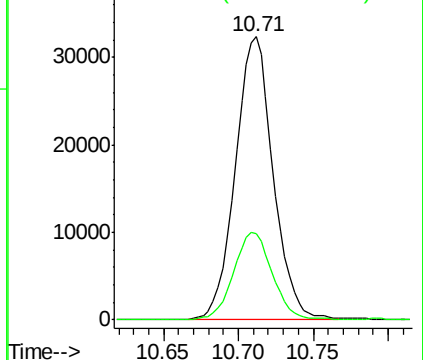
76 100

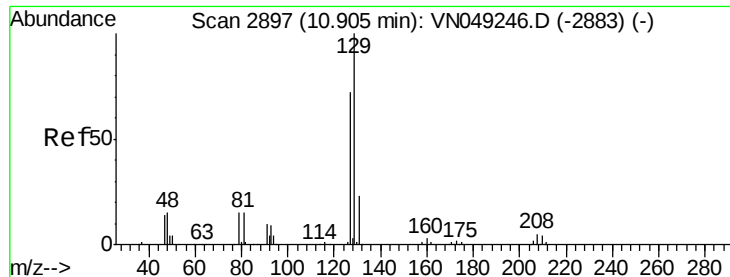
78 31.6 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VN049762.D (-2822) (-)

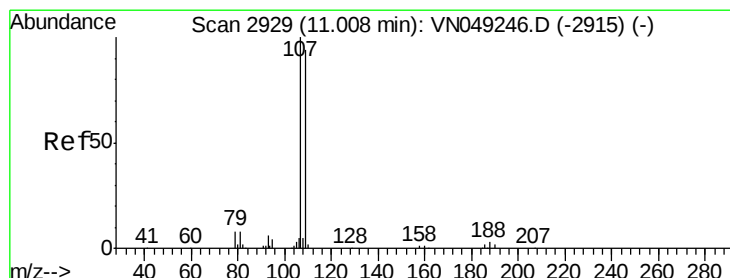
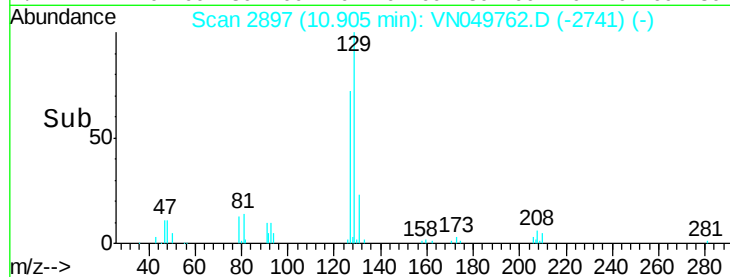
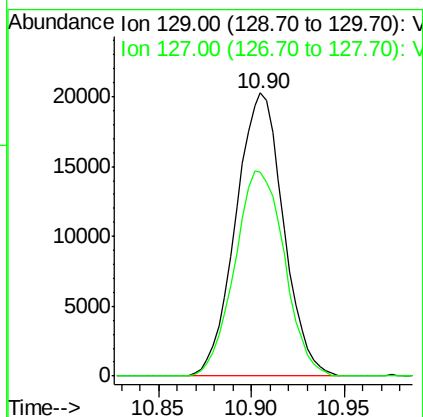
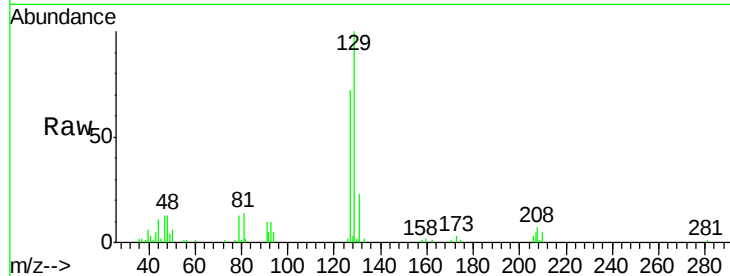
Ion 78.00 (77.70 to 78.70): VN049762.D (-2822) (-)





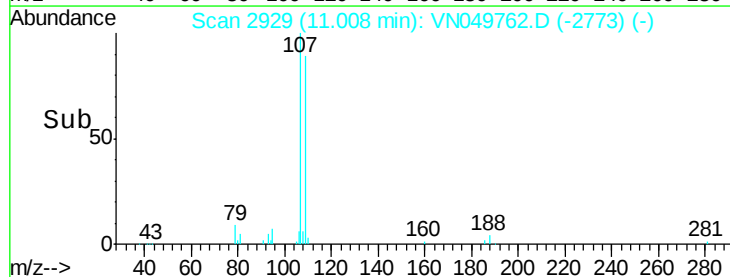
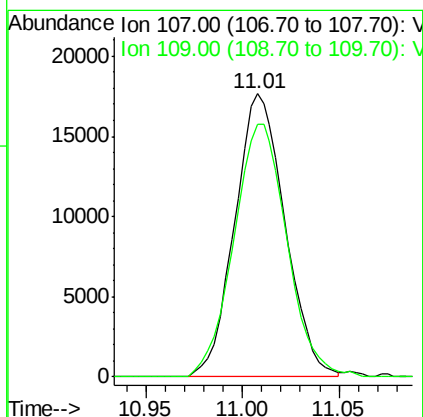
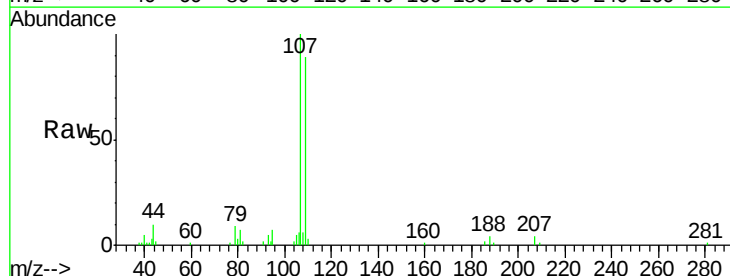
#53
 Dibromochloromethane
 Concen: 2.38 ug/l
 RT: 10.90 min Scan# 2897
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

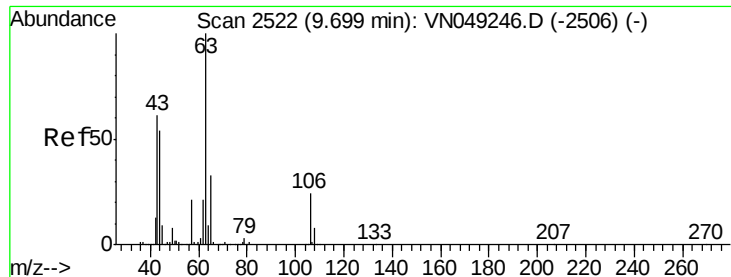
Tot Ion:129 Resp: 36274
 Ion Ratio Lower Upper
 129 100
 127 75.6 38.1 114.5



#54
 1,2-Dibromoethane
 Concen: 2.43 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

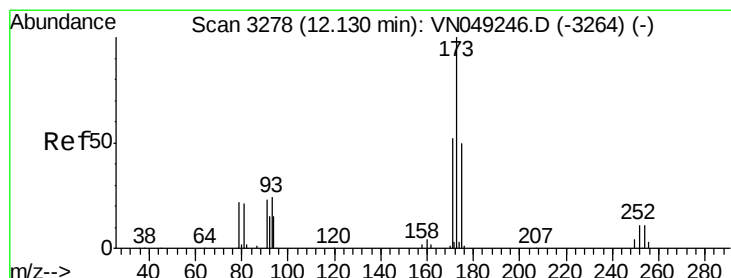
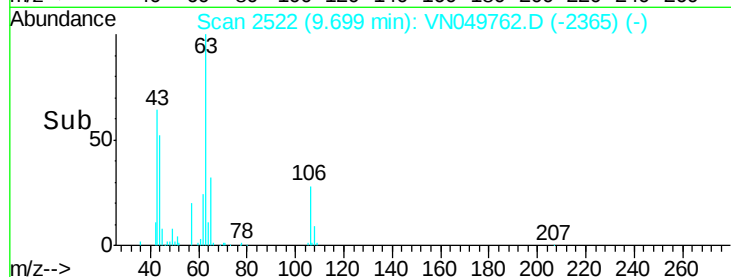
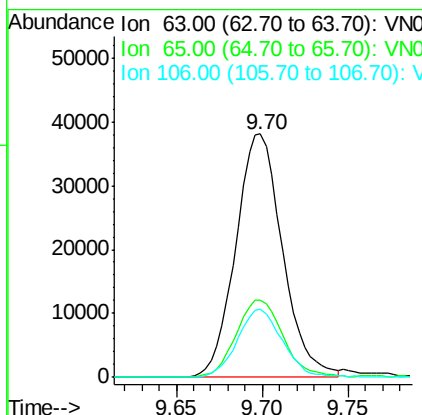
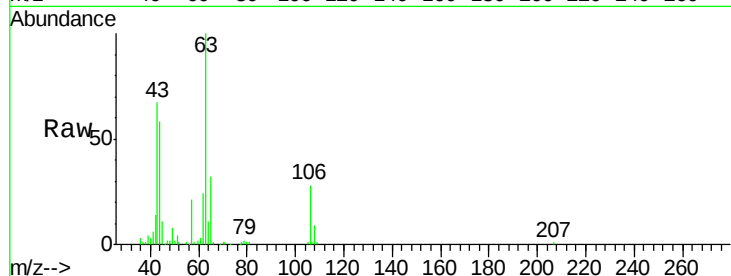
Tgt Ion:107 Resp: 31876
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.2 114.2





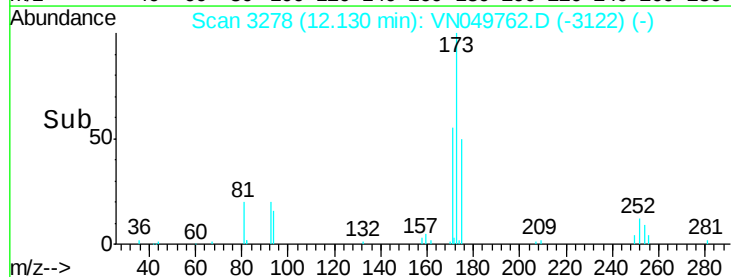
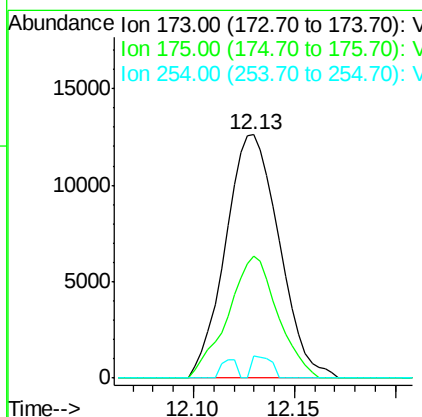
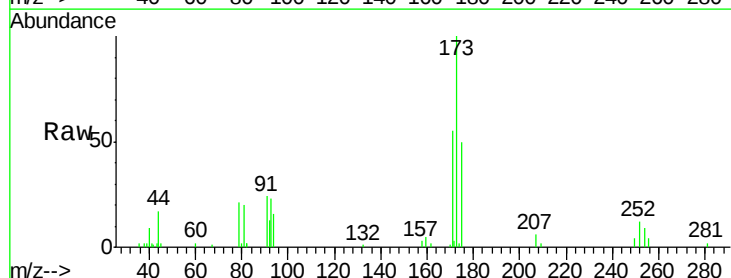
#55
2-Chloroethyl vinyl ether
Concen: 8.58 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

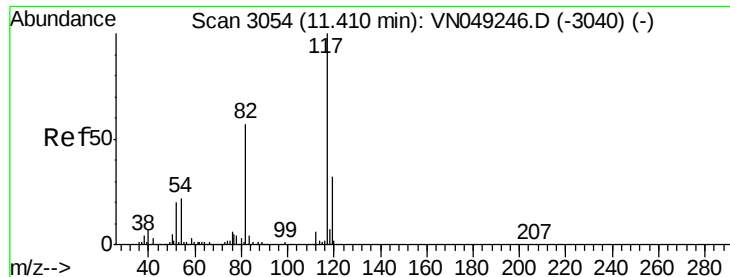
Tot Ion: 63 Resp: 71872
Ion Ratio Lower Upper
63 100
65 31.9 25.5 38.3
106 27.0 21.8 32.6



#56
Bromoform
Concen: 2.25 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

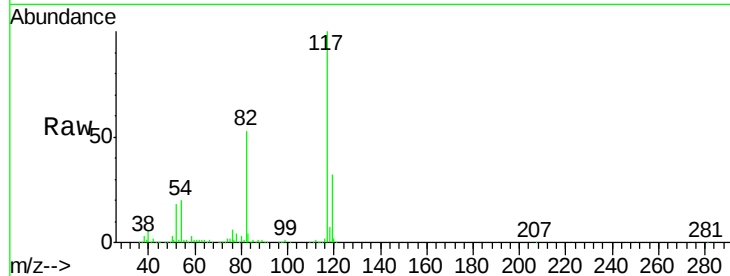
Tgt Ion: 173 Resp: 23446
Ion Ratio Lower Upper
173 100
175 46.3 38.6 57.8
254 3.3 8.8 13.2#



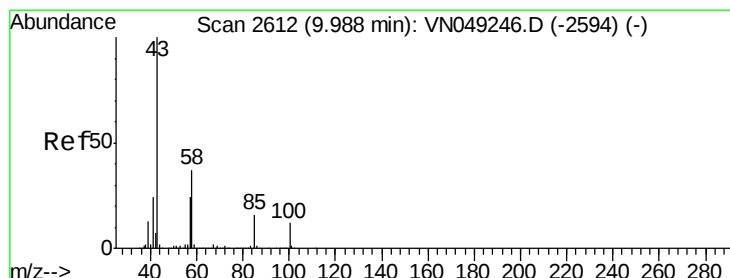
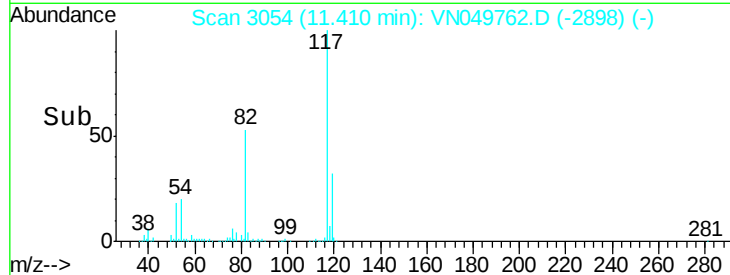
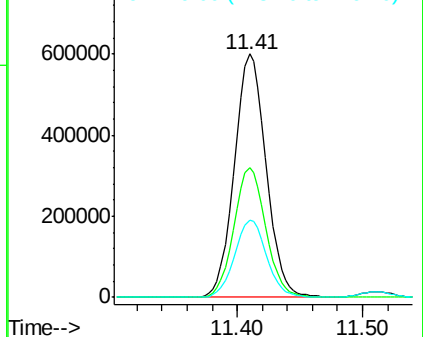


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tot Ion:117 Resp: 1056041
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.0 25.4 38.0

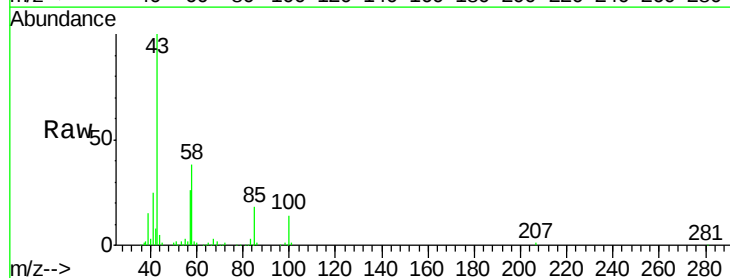


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

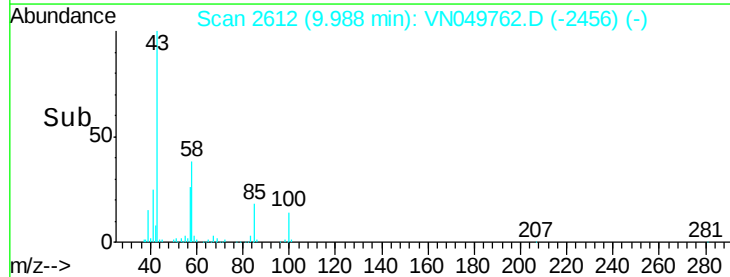
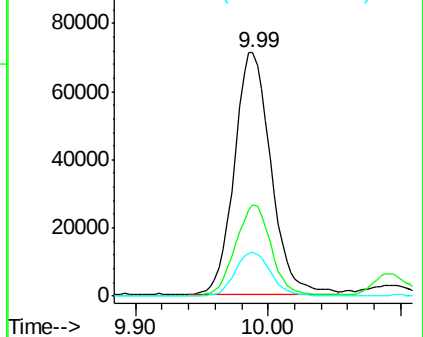


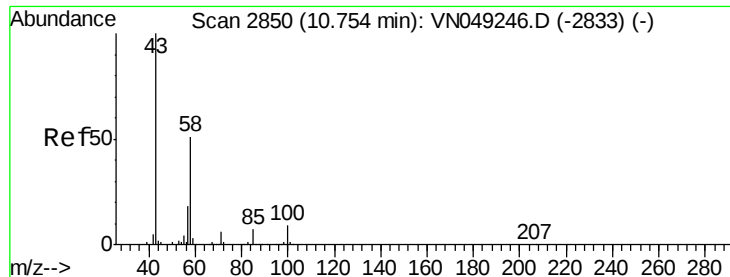
#58
4-Methyl-2-Pentanone
Concen: 11.85 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 43 Resp: 136077
Ion Ratio Lower Upper
43 100
58 37.0 31.2 46.8
85 17.6 14.4 21.6



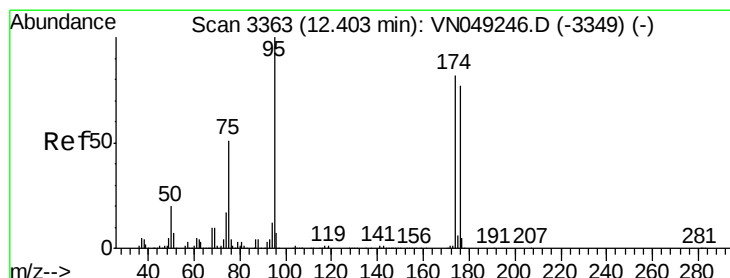
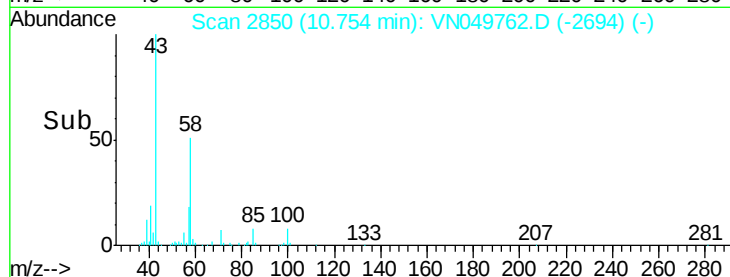
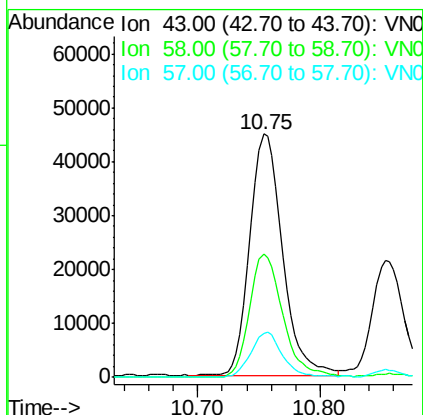
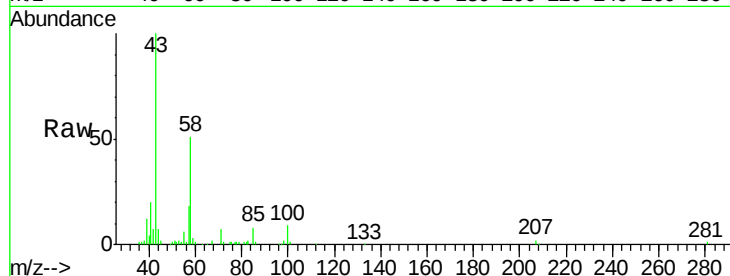
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





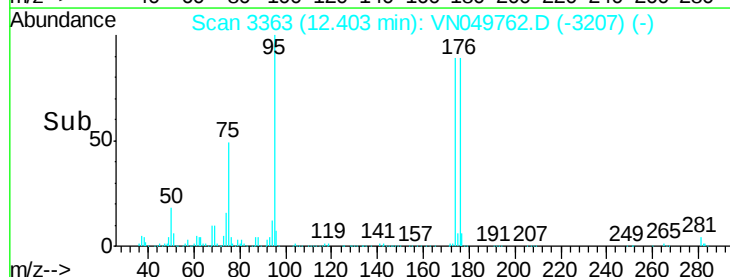
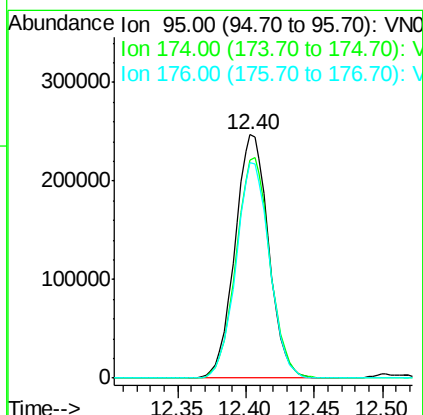
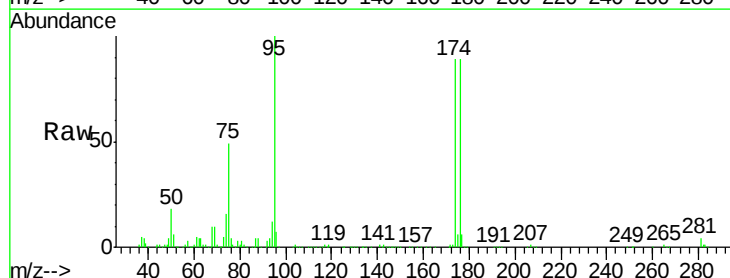
#59
2-Hexanone
Concen: 10.78 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

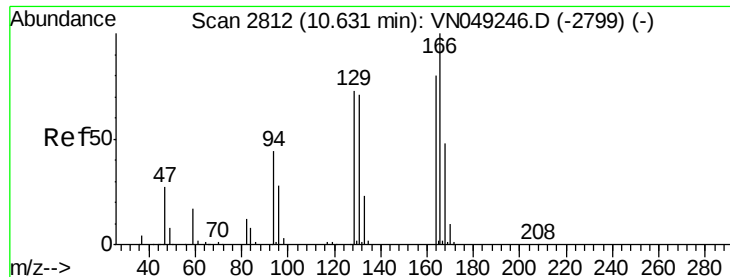
Tot Ion	43	Resp	83293
Ion Ratio	100		
Lower	43.8		
Upper	65.8		
57	18.0	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 25.93 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion	95	Resp	422660
Ion Ratio	100		
Lower	72.3		
Upper	108.5		
174	90.6	70.0	105.0





#61

Tetrachloroethene

Concen: 2.79 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

Tot Ion:164 Resp: 36935

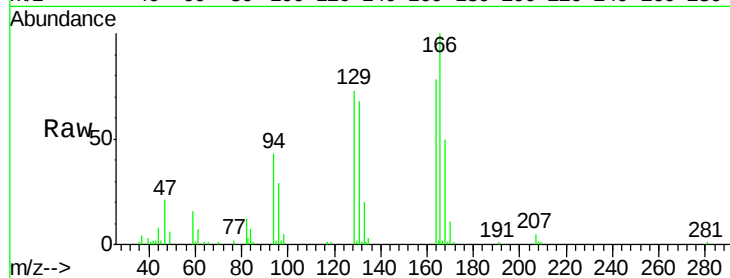
Ion Ratio Lower Upper

164 100

166 129.3 100.0 150.0

129 94.1 69.3 103.9

131 88.6 68.8 103.2

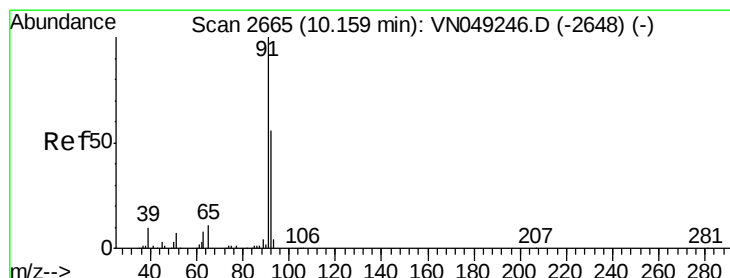
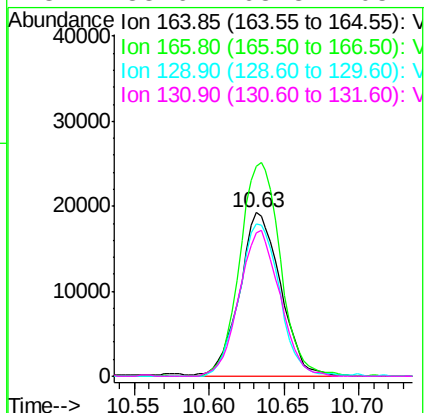
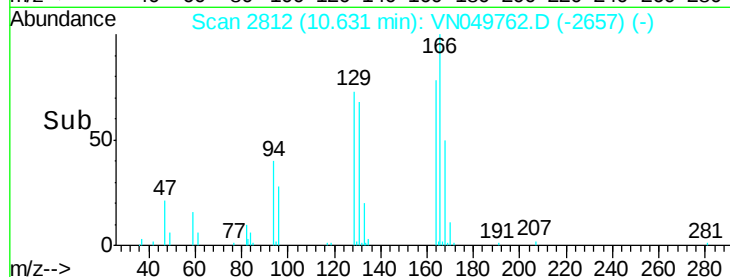


Abundance Ion 163.85 (163.55 to 164.55): V

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: 2.60 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049762.D

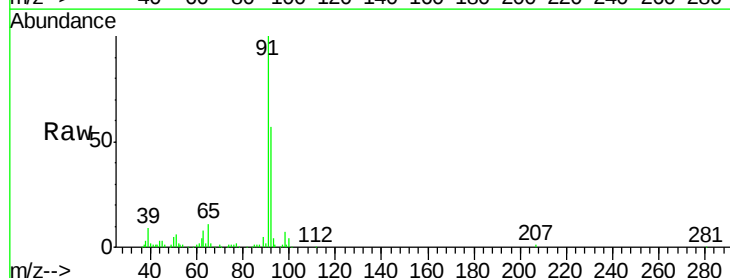
Acq: 11 Jul 2018 17:46

Tgt Ion: 91 Resp: 157417

Ion Ratio Lower Upper

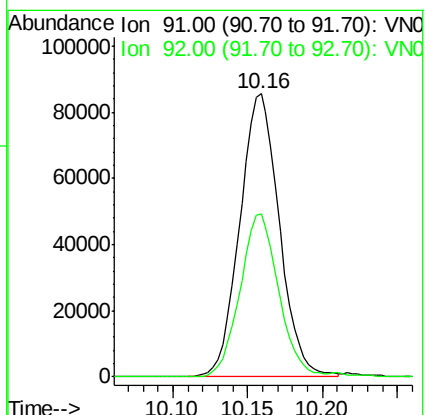
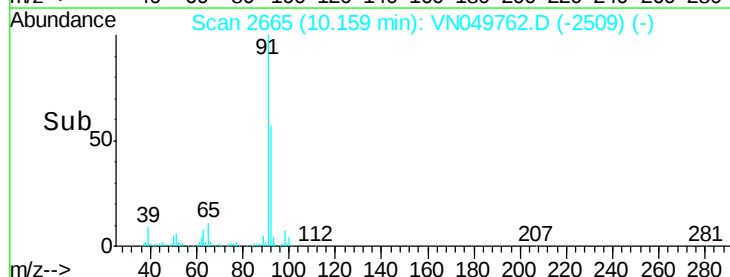
91 100

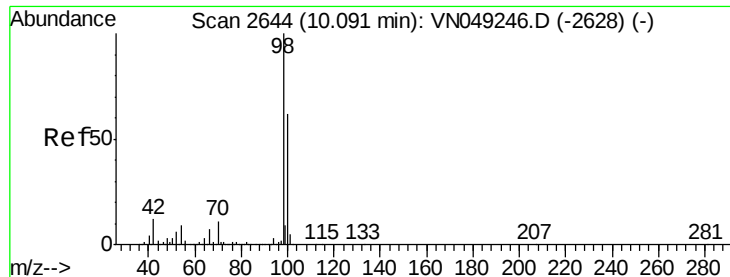
92 56.2 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.46 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049762.D

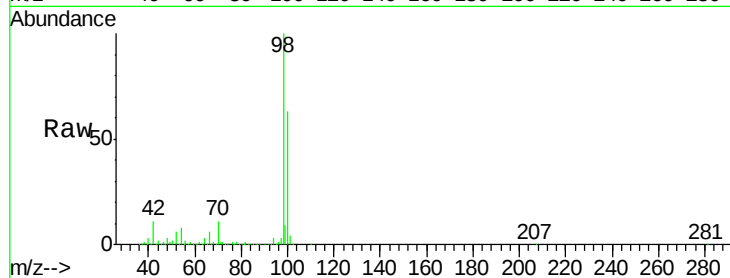
Acq: 11 Jul 2018 17:46

Tot Ion: 98 Resp: 1503197

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN049246.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN049246.D (-2628) (-)

10.09

800000

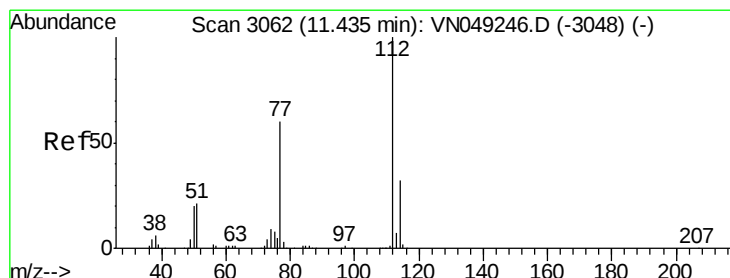
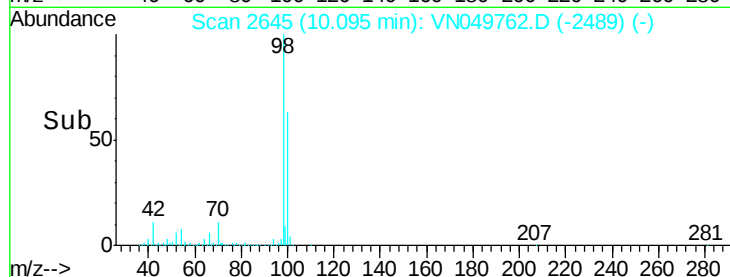
600000

400000

200000

0

Time-->



#64

Chlorobenzene

Concen: 2.59 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049762.D

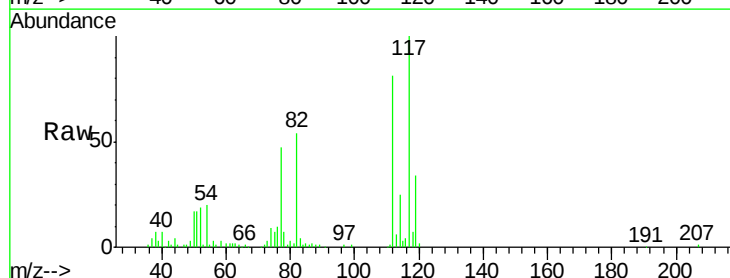
Acq: 11 Jul 2018 17:46

Tgt Ion: 112 Resp: 96352

Ion Ratio Lower Upper

112 100

114 31.0 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VN049246.D (-3048) (-)

Ion 114.00 (113.70 to 114.70): VN049246.D (-3048) (-)

11.44

60000

50000

40000

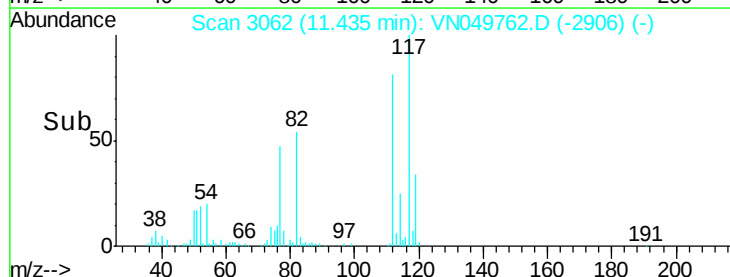
30000

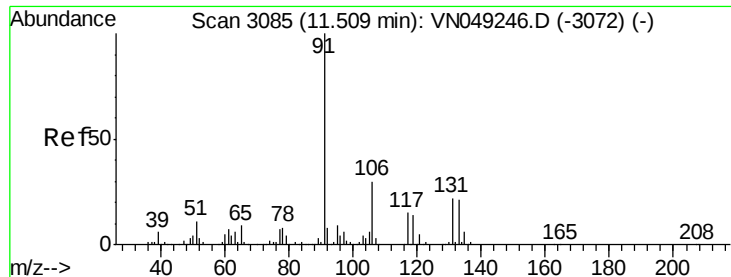
20000

10000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 2.68 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

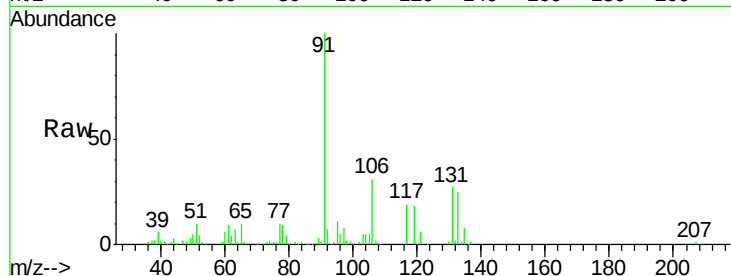
Tot Ion:131 Resp: 37702

Ion Ratio Lower Upper

131 100

133 97.7 0.0 190.0

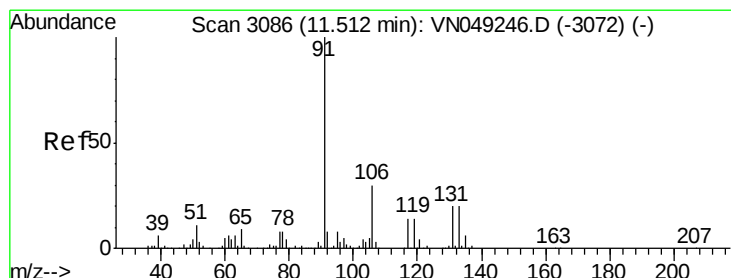
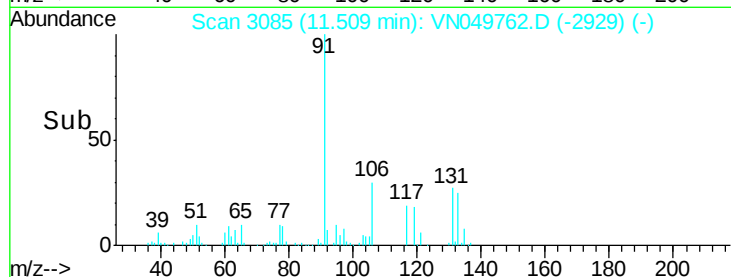
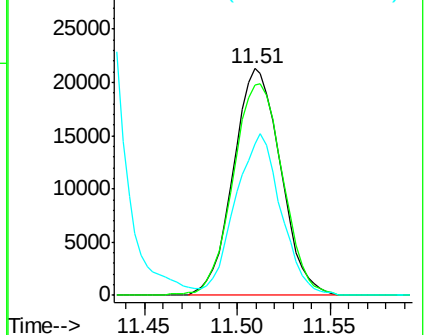
119 68.8 0.0 131.6



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: 2.24 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049762.D

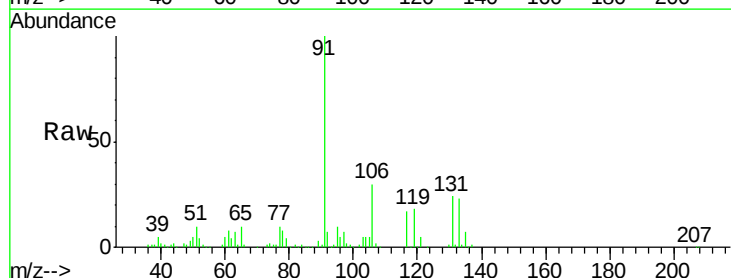
Acq: 11 Jul 2018 17:46

Tgt Ion: 91 Resp: 142374

Ion Ratio Lower Upper

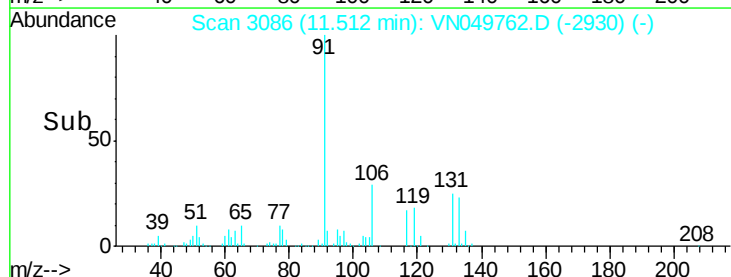
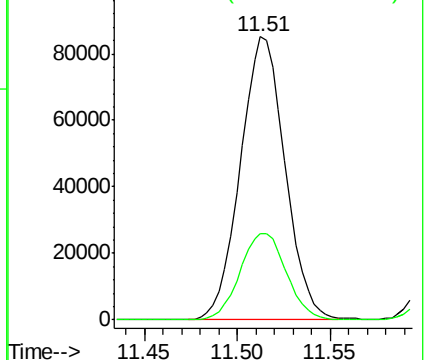
91 100

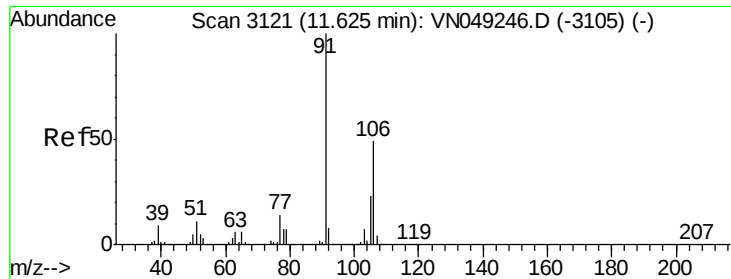
106 30.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

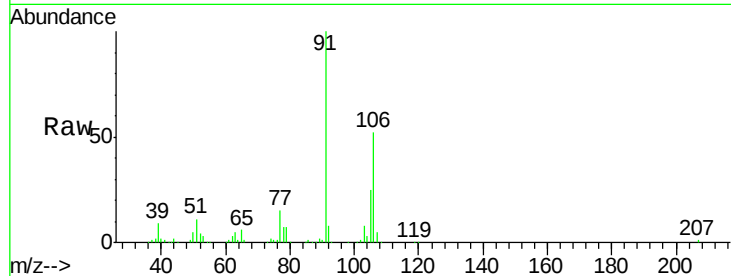
Ion 106.00 (105.70 to 106.70): V



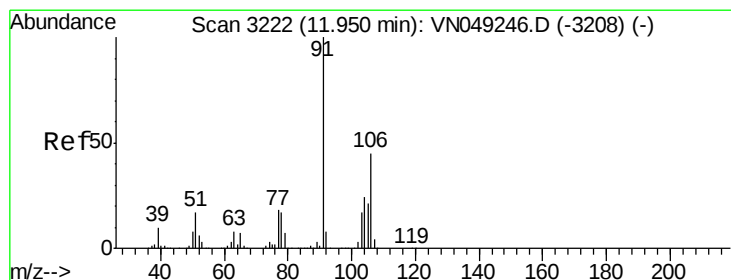
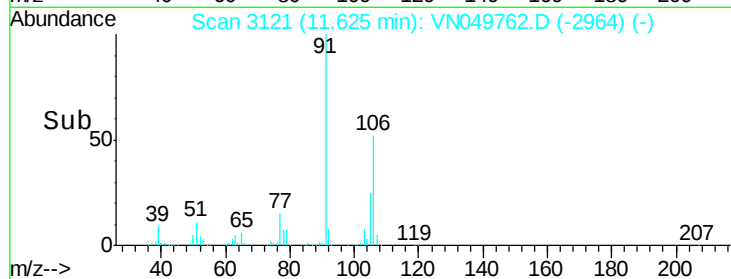
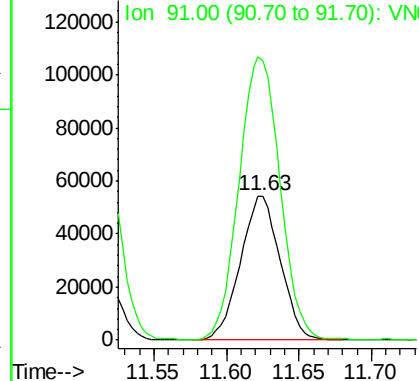


#67
m/p-Xvlenes
Concen: 4.25 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tot Ion:106 Resp: 103816
Ion Ratio Lower Upper
106 100
91 202.2 162.5 243.7

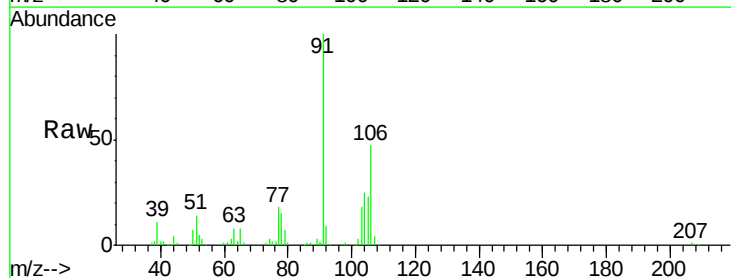


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

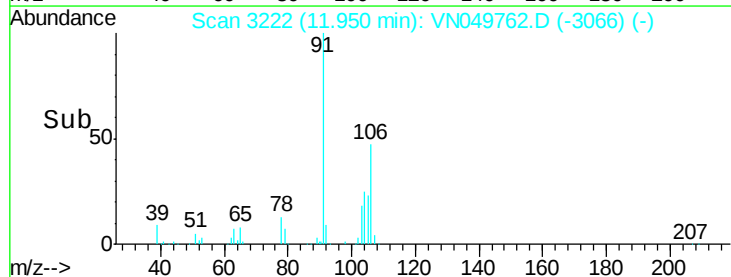
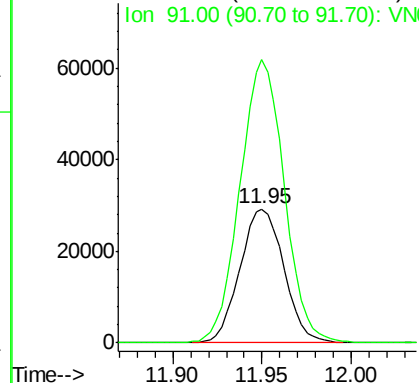


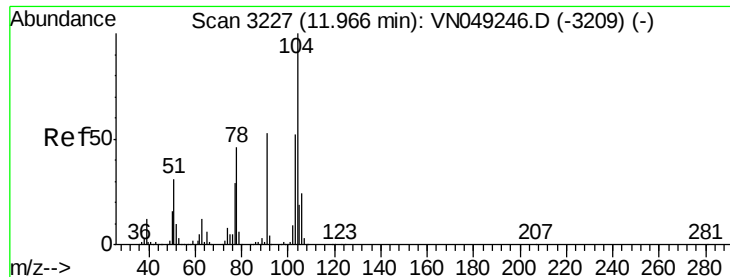
#68
o-Xylene
Concen: 2.15 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion:106 Resp: 50128
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4



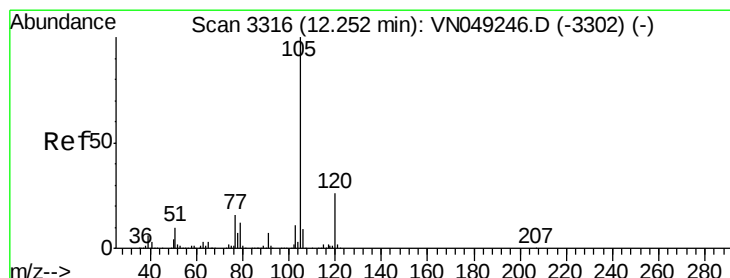
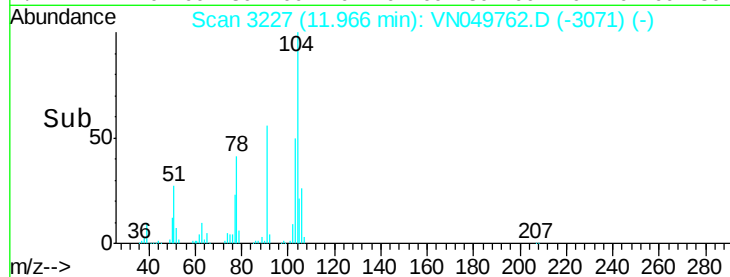
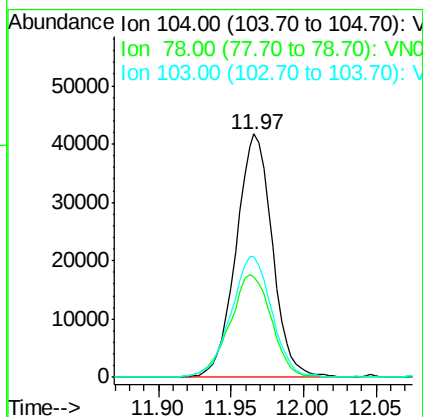
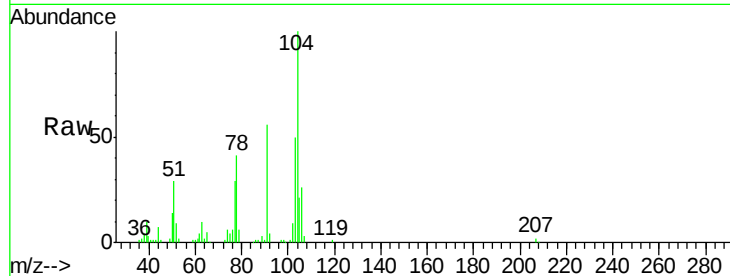
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





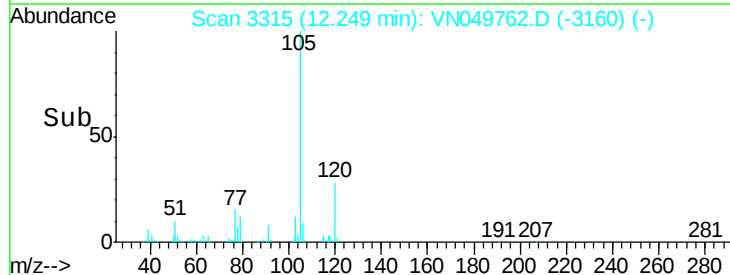
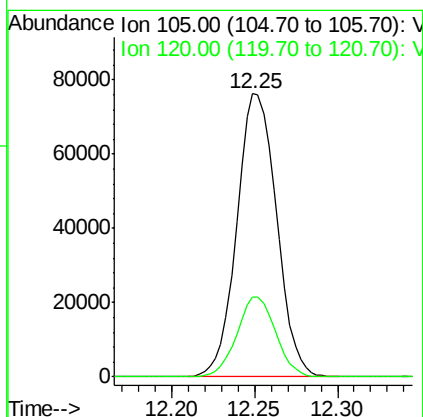
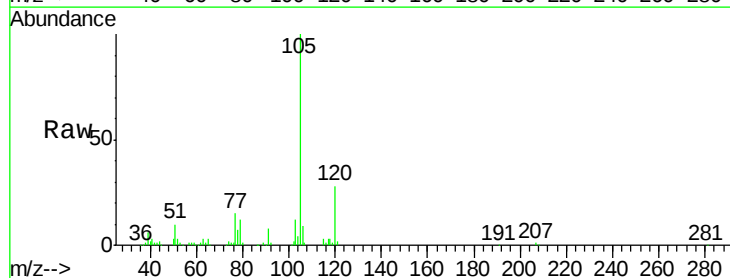
#69
 Stvrene
 Concen: 1.95 ug/l
 RT: 11.97 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

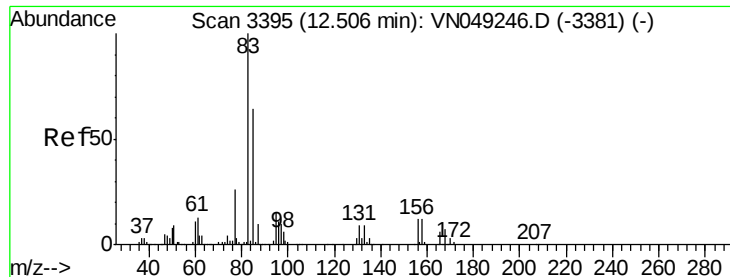
Tot Ion:104 Resp: 72674
 Ion Ratio Lower Upper
 104 100
 78 48.2 39.3 58.9
 103 55.8 44.5 66.7



#70
 Isopropylbenzene
 Concen: 2.06 ug/l
 RT: 12.25 min Scan# 3315
 Delta R.T. -0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

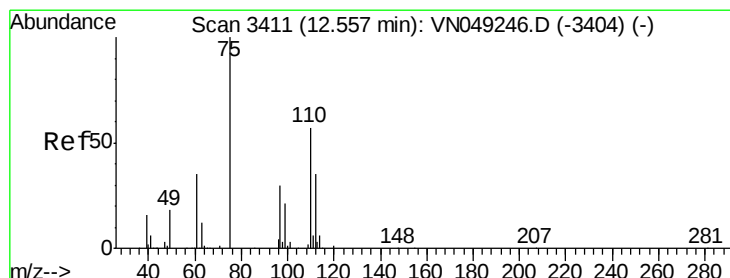
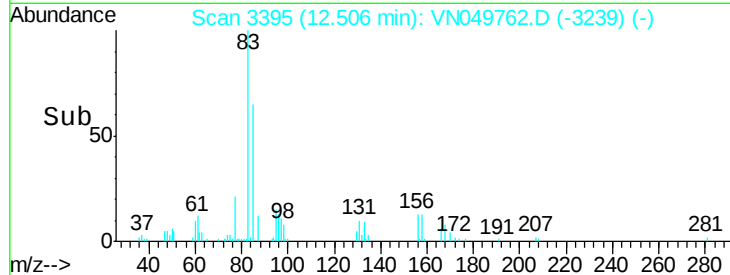
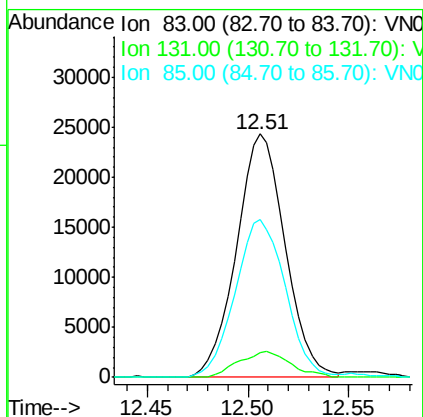
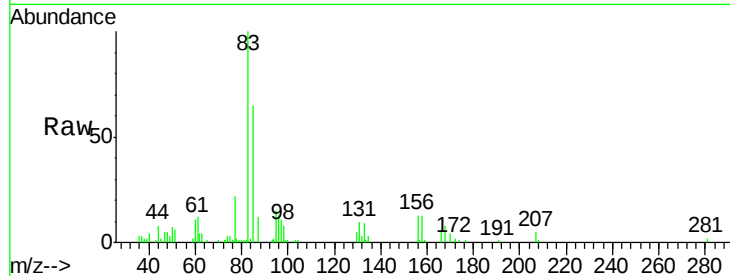
Tgt Ion:105 Resp: 127326
 Ion Ratio Lower Upper
 105 100
 120 27.6 18.9 35.1





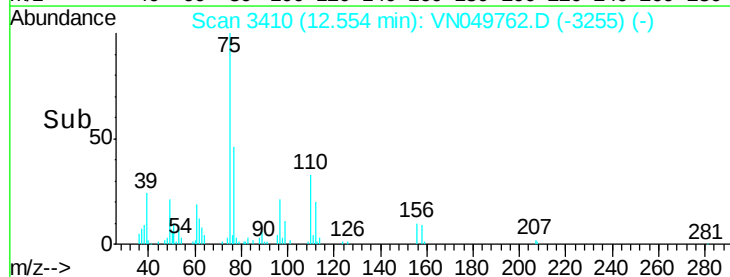
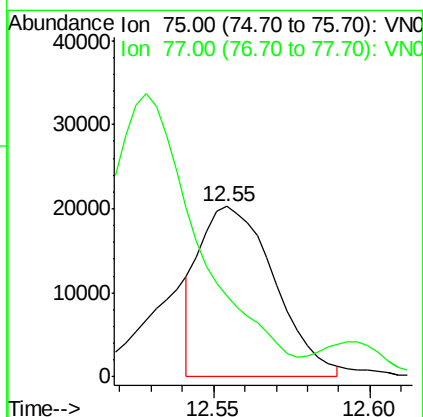
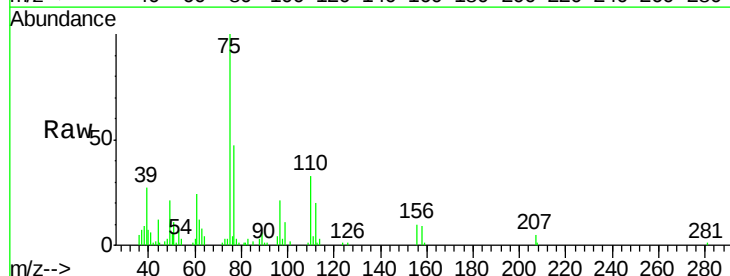
#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.58 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

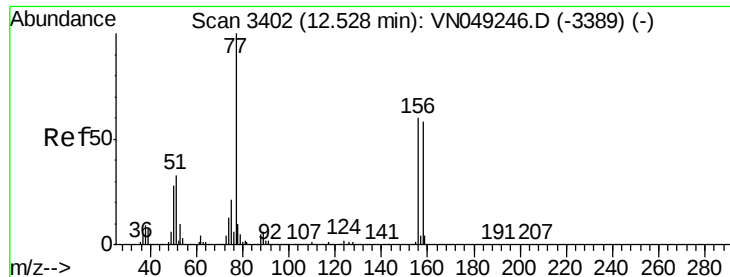
Tot Ion: 83 Resp: 41057
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.2 15.6
 85 66.8 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 2.63 ug/l m
 RT: 12.55 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion: 75 Resp: 33427
 Ion Ratio Lower Upper
 75 100
 77 210.5 0.0 454.4





#73

Bromobenzene

Concen: 2.31 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

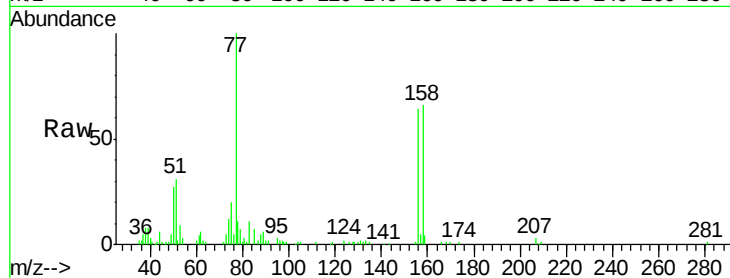
Tot Ion: 156 Resp: 37521

Ion Ratio Lower Upper

156 100

77 187.6 0.0 359.8

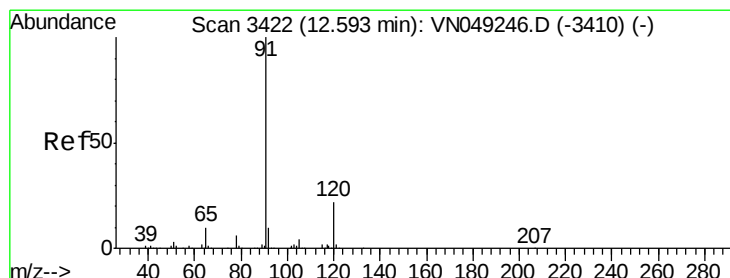
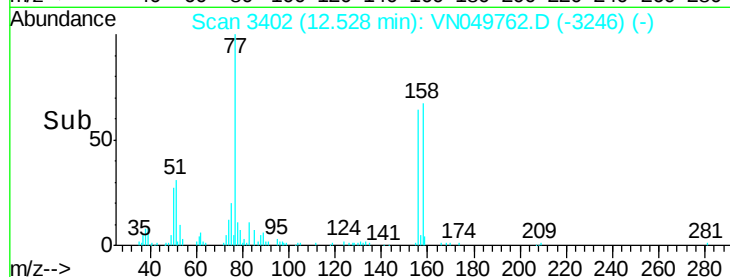
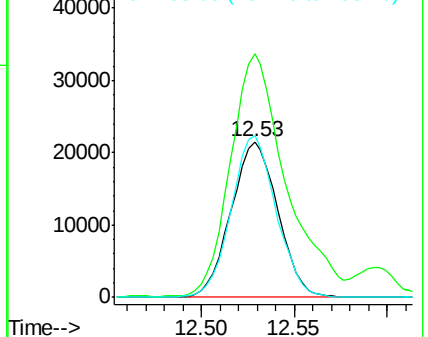
158 100.2 0.0 192.8



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: 2.01 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049762.D

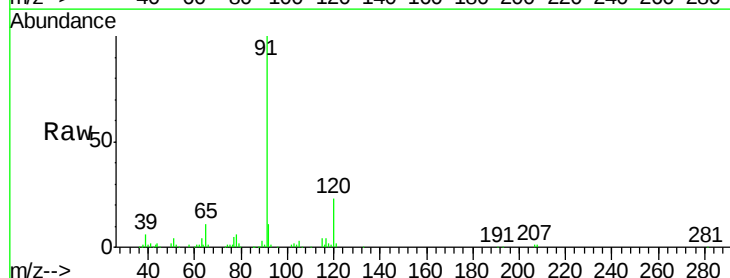
Acq: 11 Jul 2018 17:46

Tgt Ion: 91 Resp: 143932

Ion Ratio Lower Upper

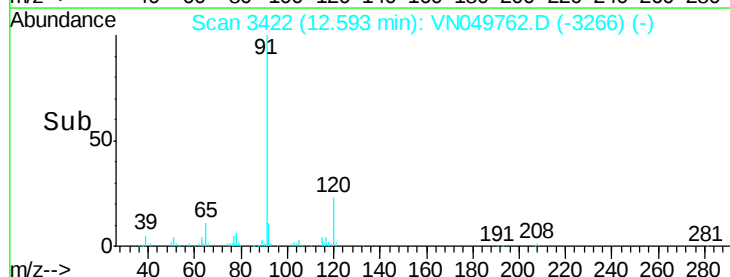
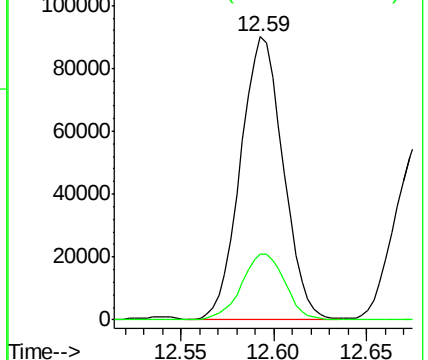
91 100

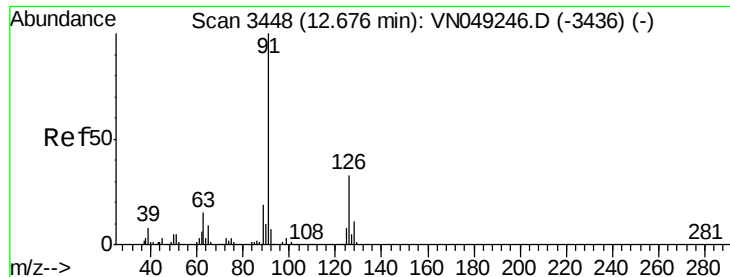
120 23.7 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 2.24 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049762.D

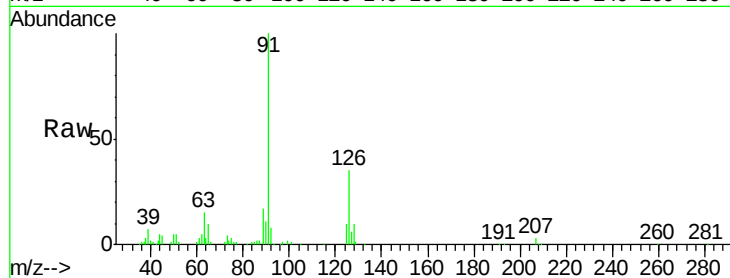
Acq: 11 Jul 2018 17:46

Tot Ion: 91 Resp: 96339

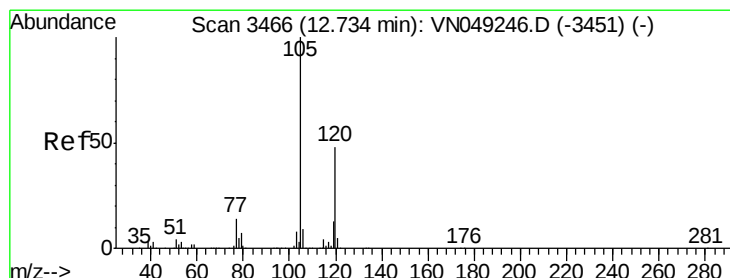
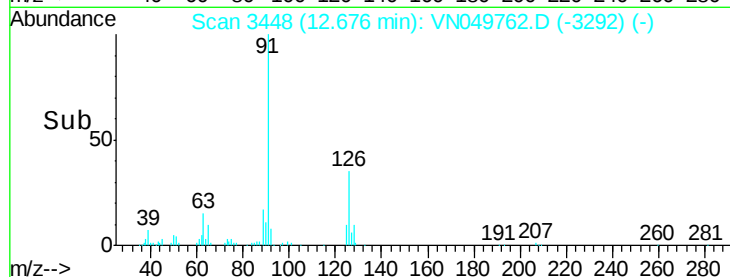
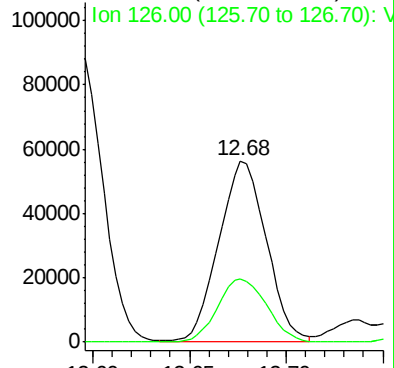
Ion Ratio Lower Upper

91 100

126 36.1 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN049762.D (-3292) (-)



#76

1,3,5-Trimethylbenzene

Concen: 1.98 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049762.D

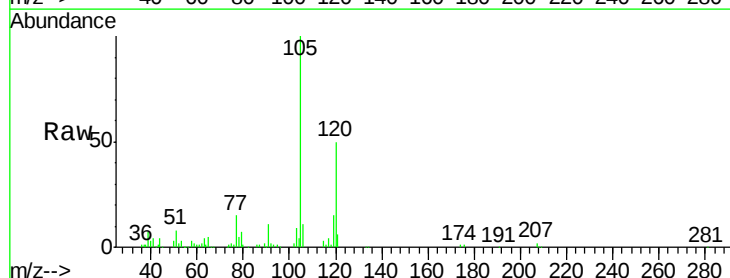
Acq: 11 Jul 2018 17:46

Tgt Ion: 105 Resp: 99348

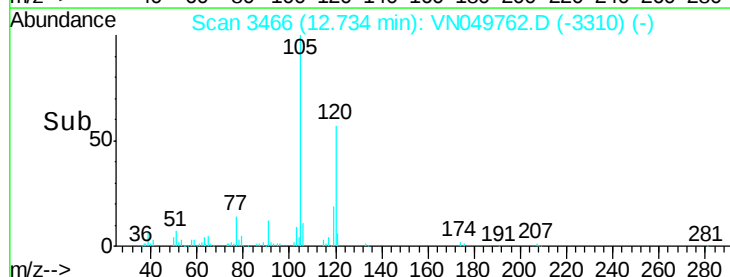
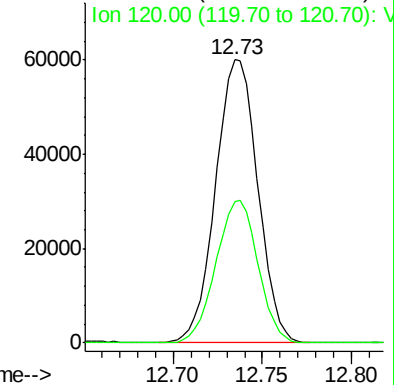
Ion Ratio Lower Upper

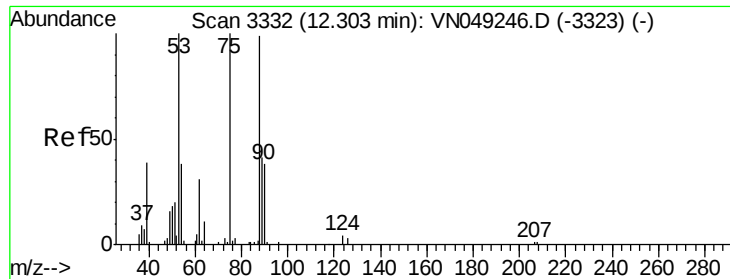
105 100

120 50.1 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN049762.D (-3310) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 1.79 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

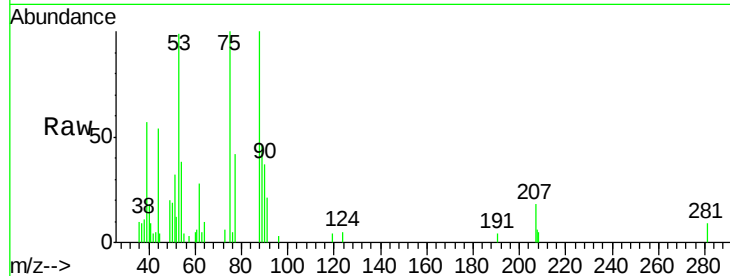
Tot Ion: 75 Resp: 7985

Ion Ratio Lower Upper

75 100

53 95.3 44.6 134.0

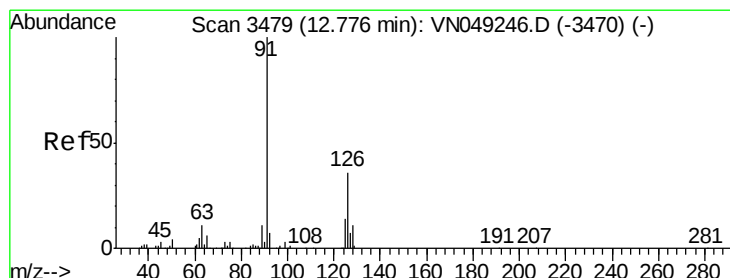
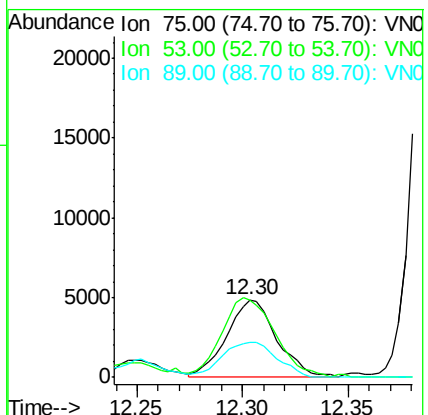
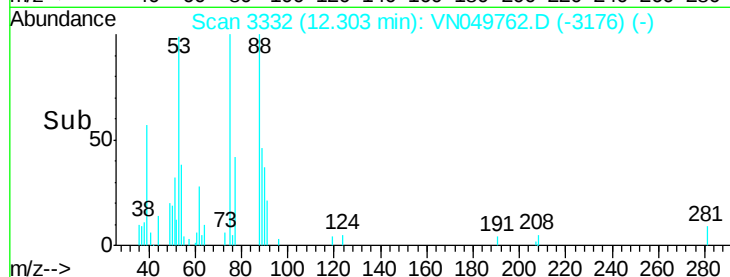
89 45.8 20.7 62.1



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: 1.97 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049762.D

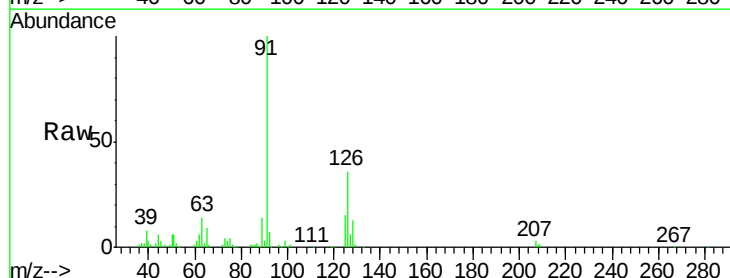
Acq: 11 Jul 2018 17:46

Tgt Ion: 91 Resp: 84489

Ion Ratio Lower Upper

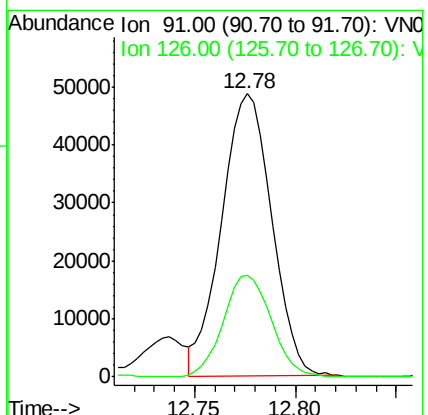
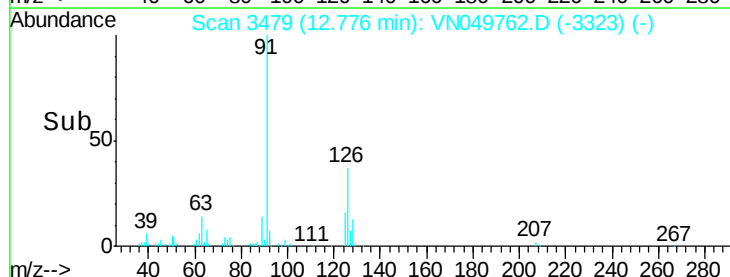
91 100

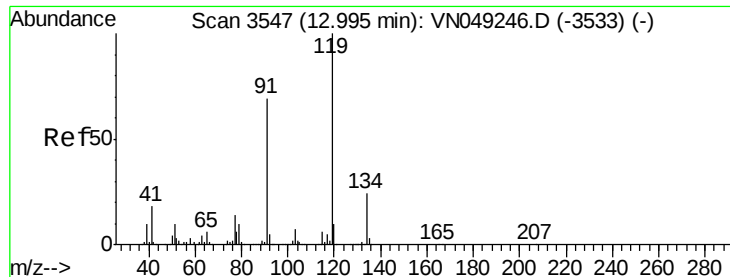
126 34.6 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

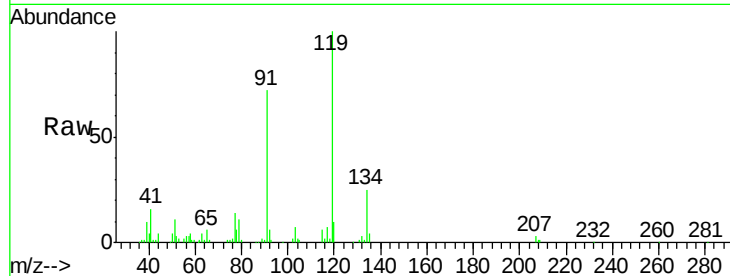
Ion 126.00 (125.70 to 126.70): V



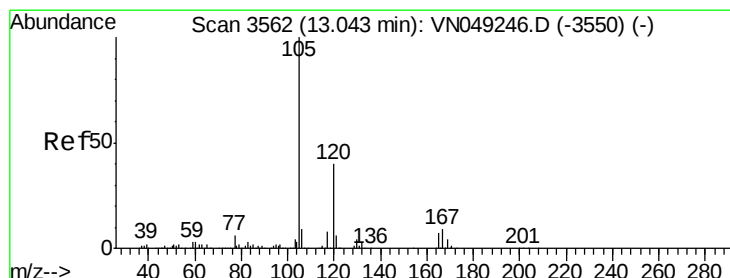
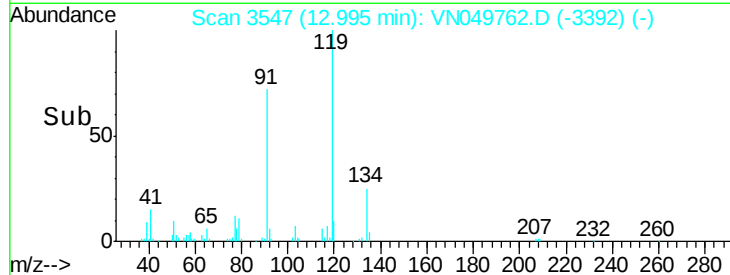
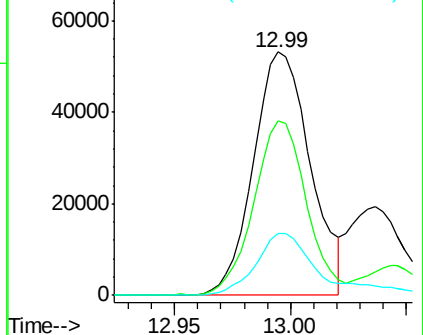


#79
tert-butylbenzene
Concen: 2.08 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tot Ion:119 Resp: 91019
Ion Ratio Lower Upper
119 100
91 66.3 0.0 126.8
134 24.2 0.0 47.4

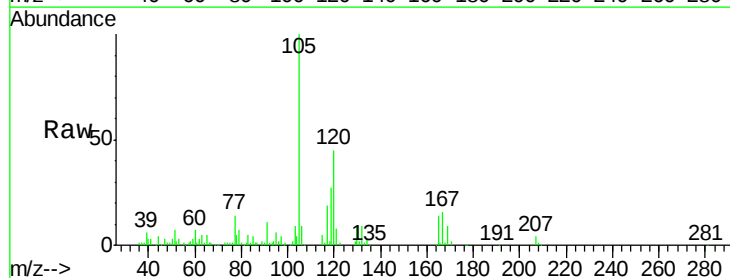


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

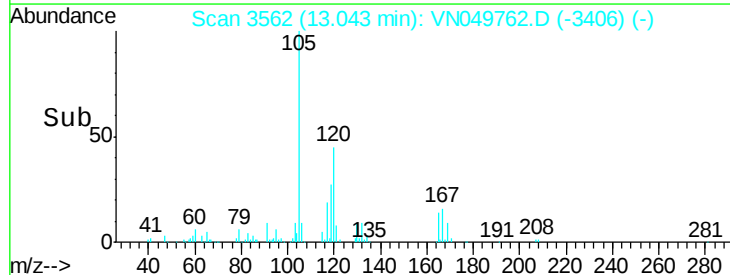
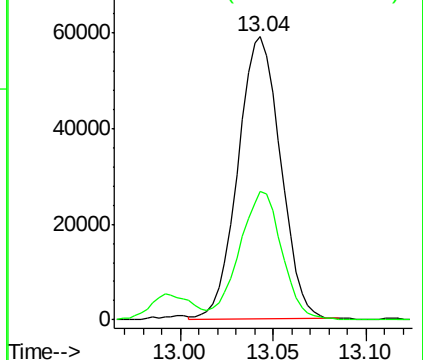


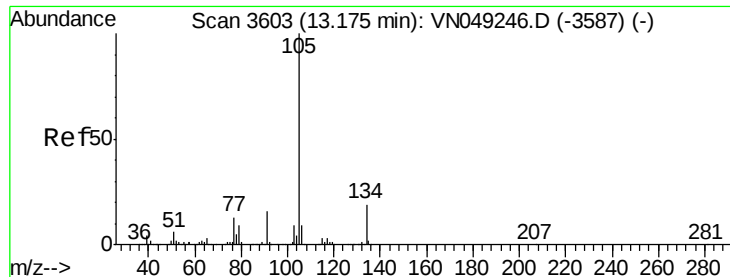
#80
1,2,4-Trimethylbenzene
Concen: 1.86 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion:105 Resp: 94479
Ion Ratio Lower Upper
105 100
120 45.1 0.0 90.6



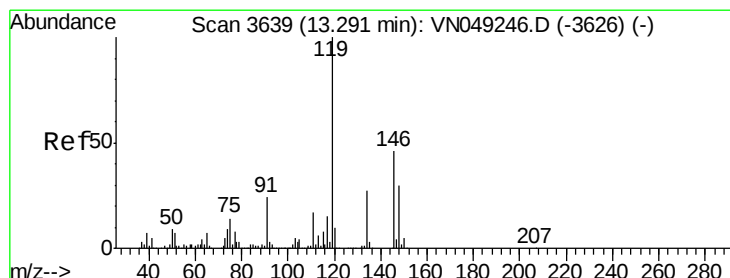
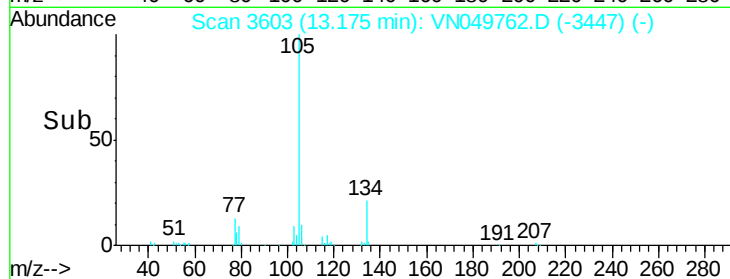
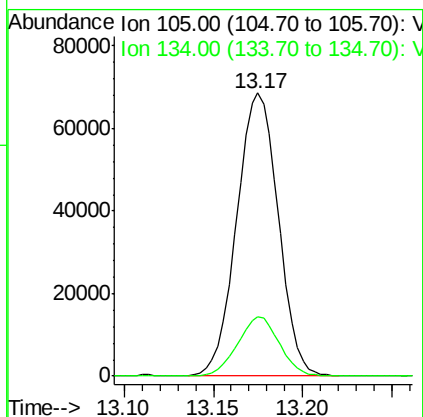
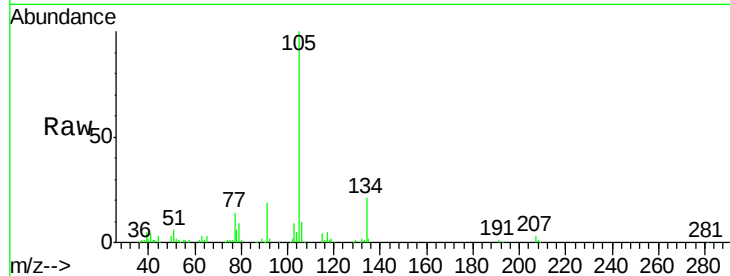
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





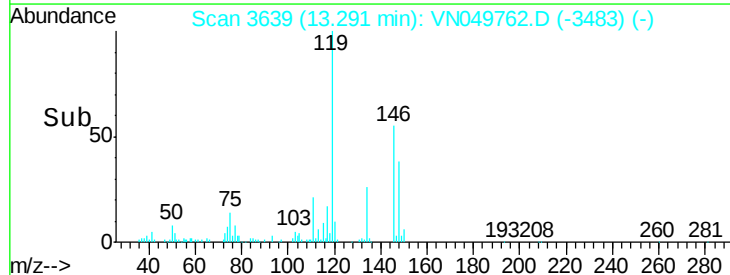
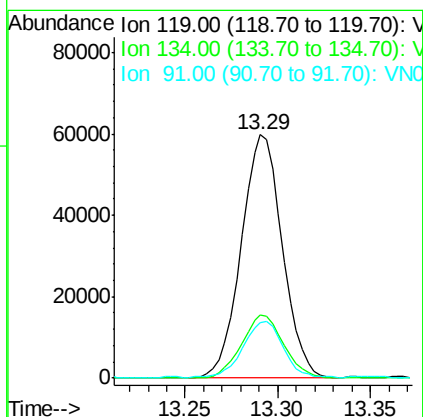
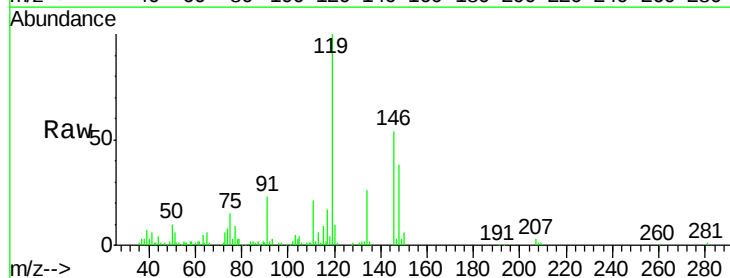
#81
 sec-Butylbenzene
 Concen: 1.91 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

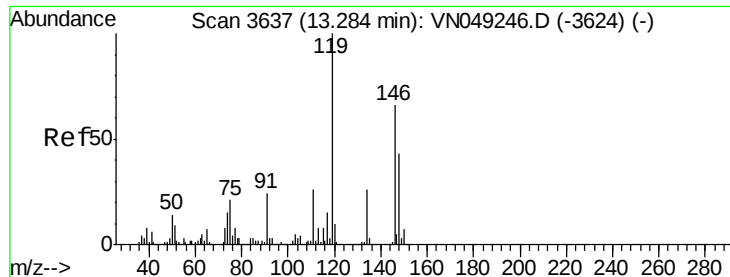
Tot Ion:105 Resp: 111751
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 1.81 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

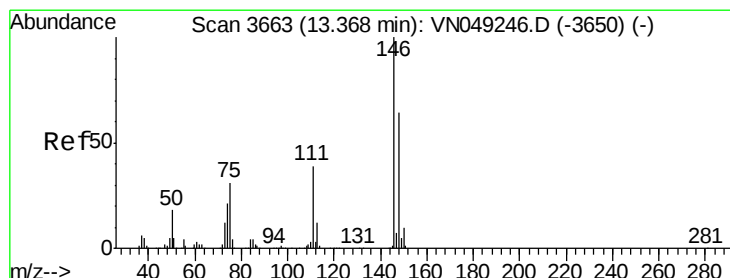
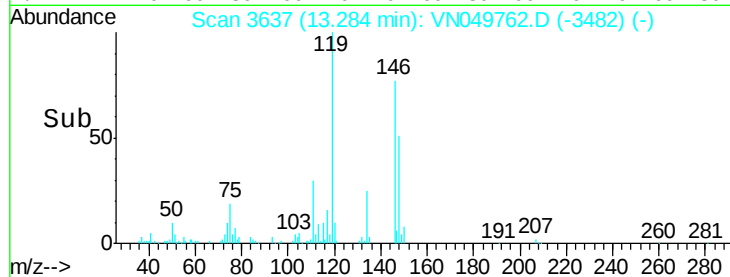
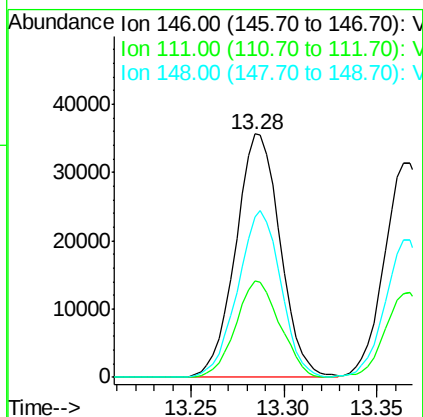
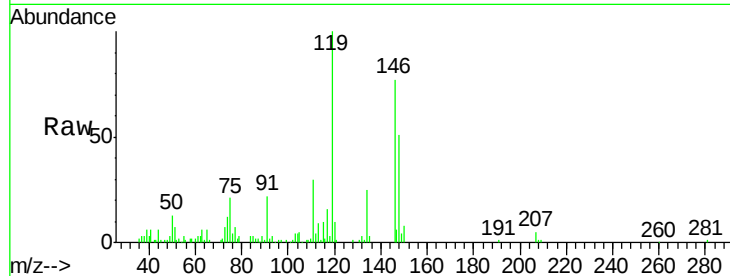
Tgt Ion:119 Resp: 91771
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.2
 91 23.3 0.0 45.6





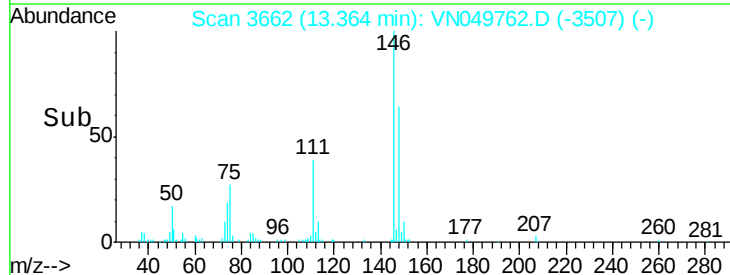
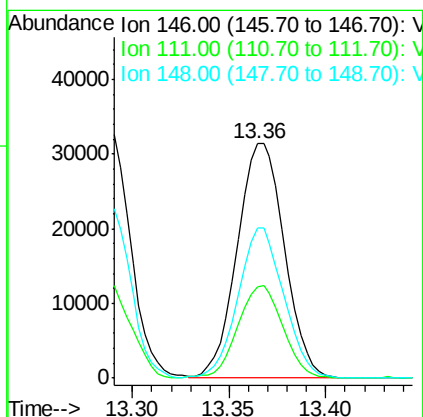
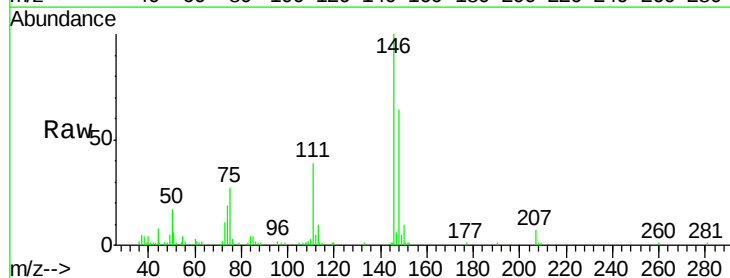
#83
 1,3-Dichlorobenzene
 Concen: 2.11 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

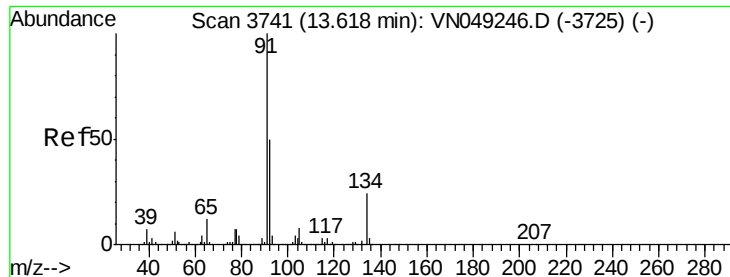
Tot Ion:146 Resp: 59409
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.1
 148 66.2 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 1.98 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

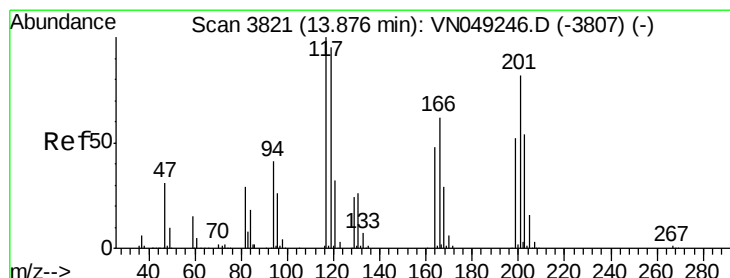
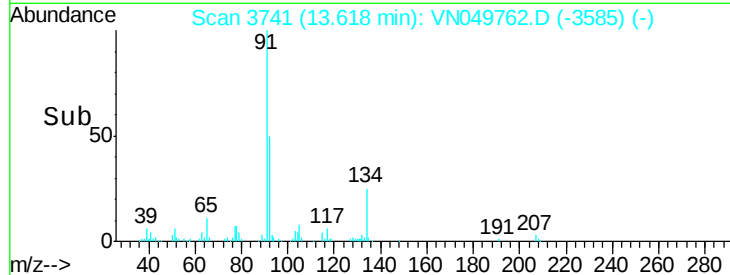
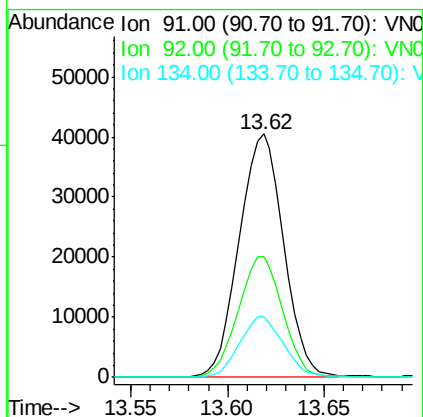
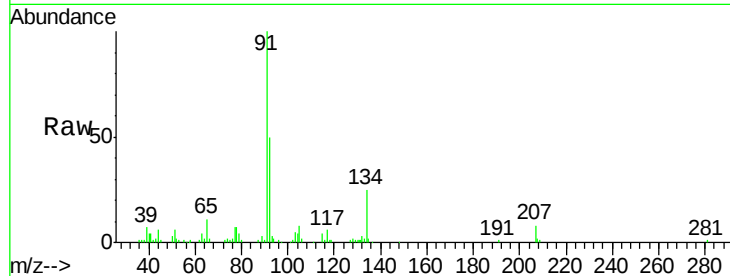
Tgt Ion:146 Resp: 53349
 Ion Ratio Lower Upper
 146 100
 111 37.5 17.9 53.8
 148 62.0 32.4 97.0





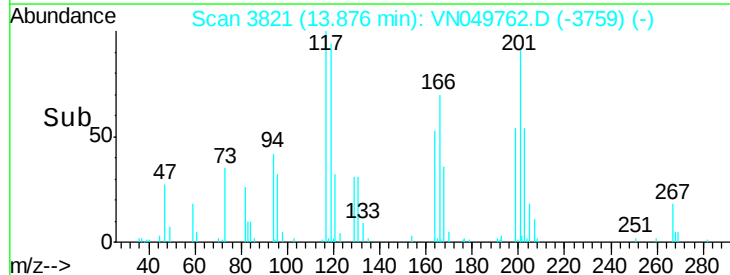
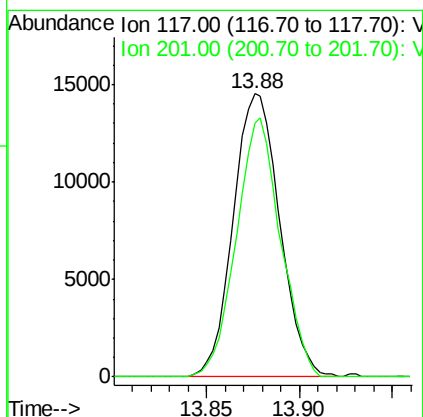
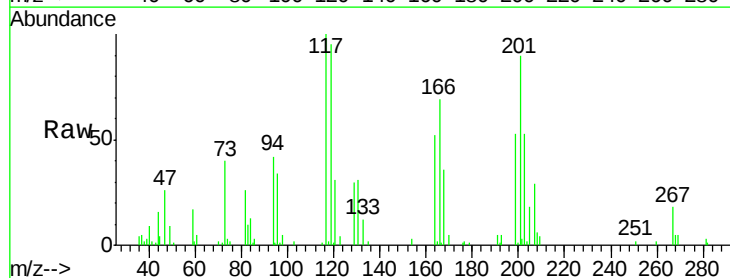
#85
n-Butylbenzene
Concen: 1.57 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

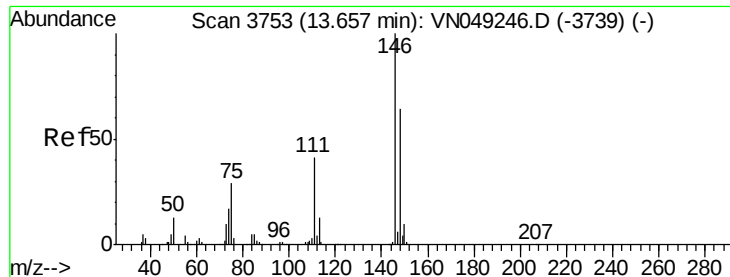
Tot Ion: 91 Resp: 64783
Ion Ratio Lower Upper
91 100
92 49.7 0.0 102.8
134 24.7 0.0 51.0



#86
Hexachloroethane
Concen: 2.62 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 117 Resp: 25288
Ion Ratio Lower Upper
117 100
201 86.7 46.6 139.7





#87

1,2-Dichlorobenzene

Concen: 2.20 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

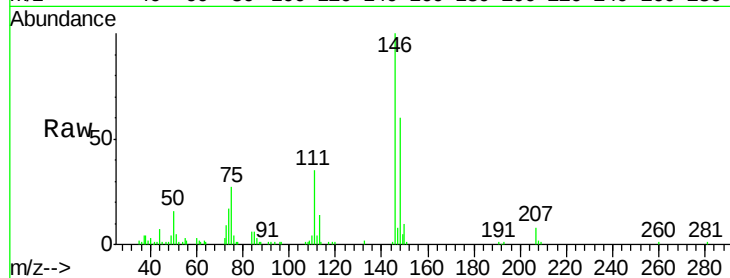
Tot Ion:146 Resp: 59526

Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.3

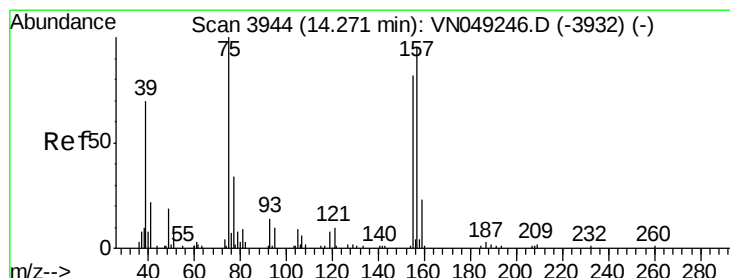
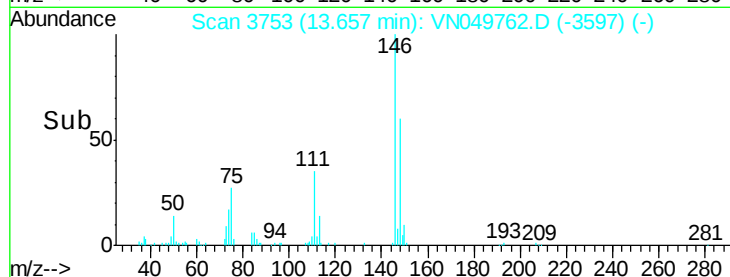
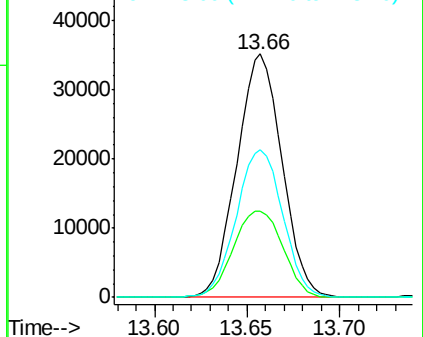
148 62.3 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.63 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

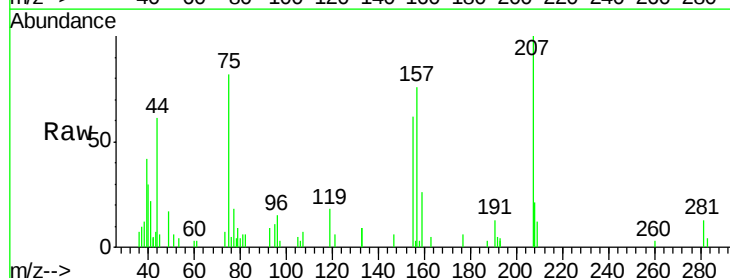
Tgt Ion: 75 Resp: 6211

Ion Ratio Lower Upper

75 100

155 76.6 73.0 109.6

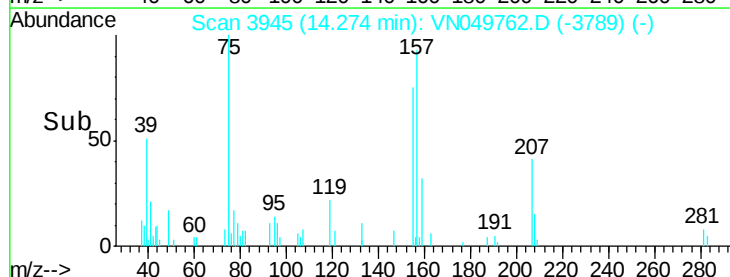
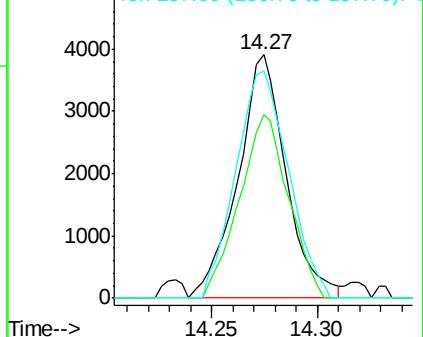
157 101.9 94.9 142.3

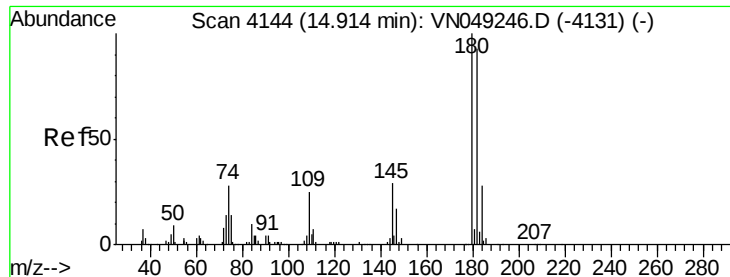


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 155.00 (154.70 to 155.70): V

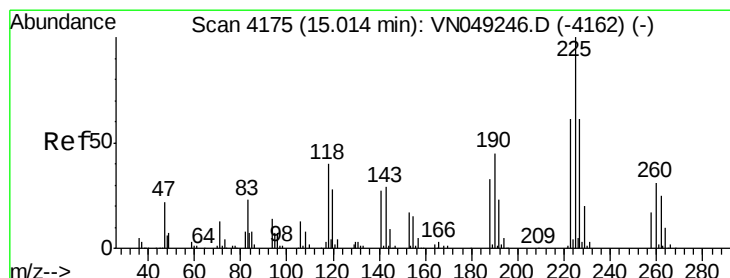
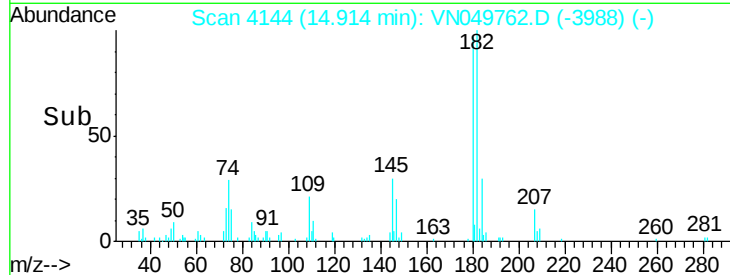
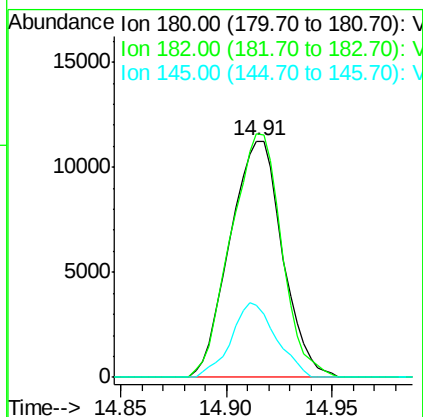
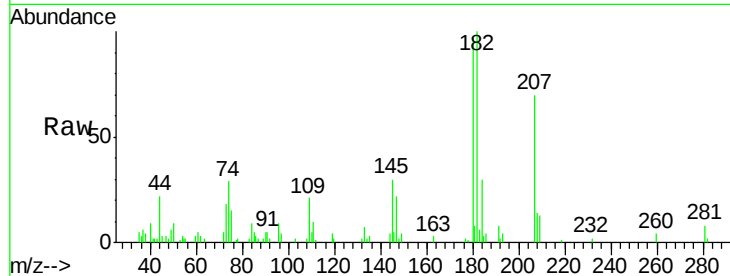
Ion 157.00 (156.70 to 157.70): V





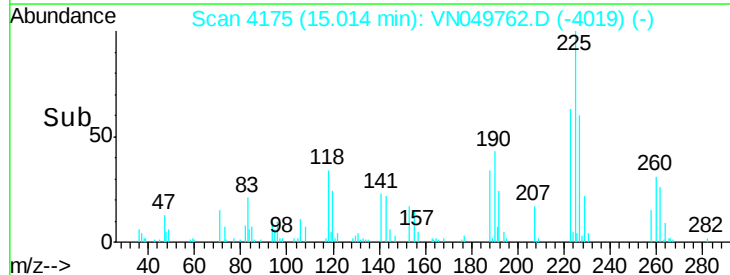
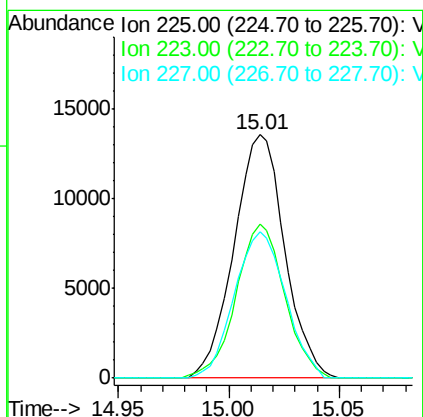
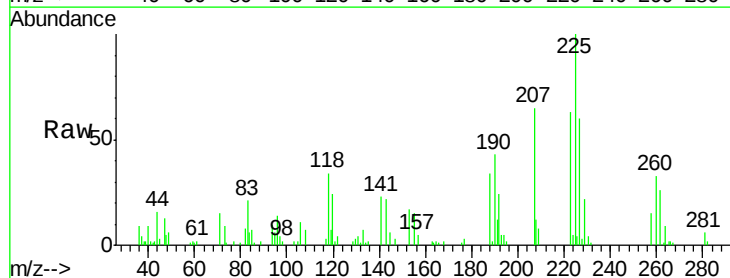
#89
 1,2,4-Trichlorobenzene
 Concen: 1.42 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

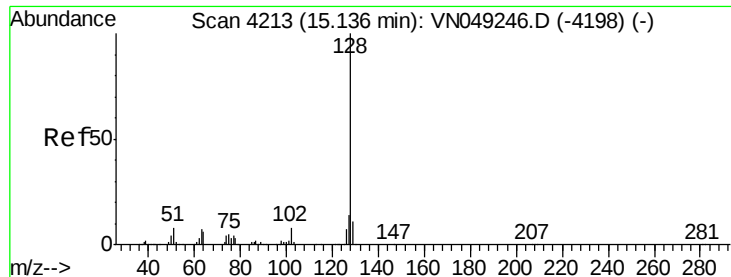
Tot Ion:180 Resp: 19504
 Ion Ratio Lower Upper
 180 100
 182 99.5 76.7 115.1
 145 26.9 23.4 35.0



#90
 Hexachlorobutadiene
 Concen: 2.49 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion:225 Resp: 21714
 Ion Ratio Lower Upper
 225 100
 223 60.7 0.0 124.4
 227 60.5 0.0 133.0





#91

Naphthalene

Concen: 1.25 ug/l

RT: 15.14 min Scan# 4213

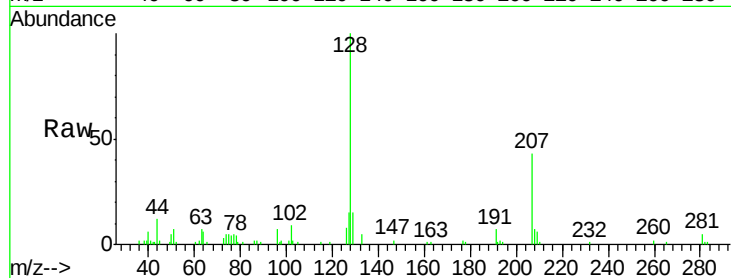
Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

Tot Ion:128 Resp: 37577

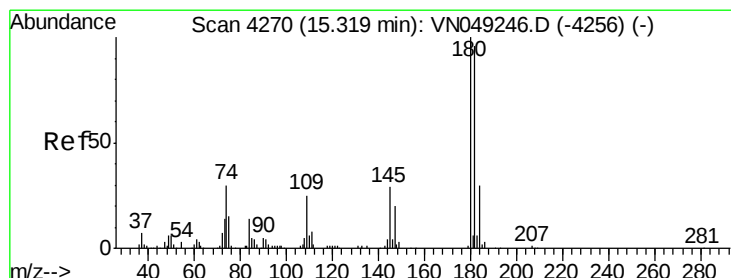
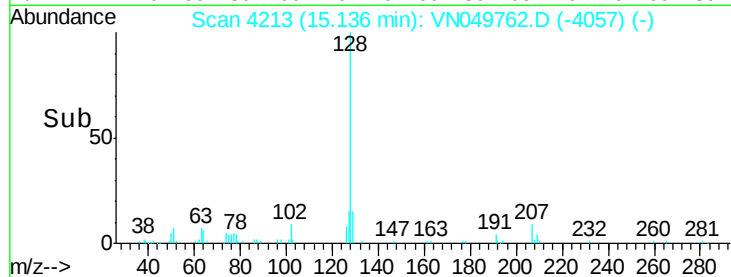
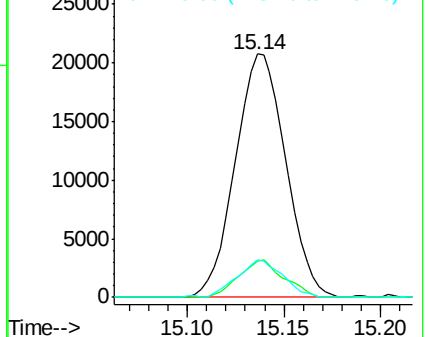
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	13.8	9.0	13.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 1.64 ug/l

RT: 15.32 min Scan# 4271

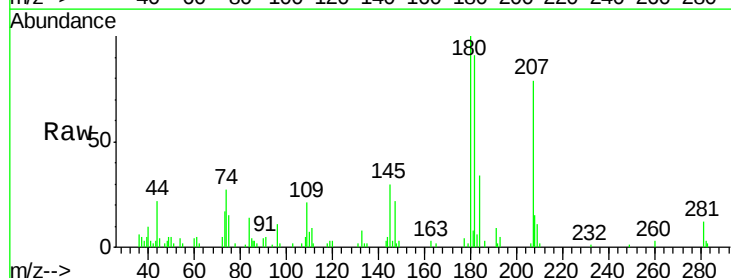
Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

Tgt Ion:180 Resp: 22479

Ion	Ratio	Lower	Upper
180	100		
182	91.1	0.0	188.8
145	32.7	0.0	60.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

