

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049761.D
 Acq On : 11 Jul 2018 17:20
 Operator : MD\SY
 Sample : J3762-07 LOD/MDL 2.5 ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 12 02:05:17 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	258141	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1335961	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1141963	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	536557	30.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.50%
60) 4-Bromofluorobenzene	12.40	95	460745	26.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.13%
63) Toluene-d8	10.09	98	1613980	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	37475	1.94	ug/l	94
3) Chloromethane	2.06	50	50271	2.52	ug/l	99
4) Vinyl Chloride	2.18	62	52501	2.49	ug/l	99
5) Bromomethane	2.57	94	37490	2.94	ug/l	97
6) Chloroethane	2.70	64	32622	2.66	ug/l	91
7) Trichlorofluoromethane	3.01	101	68105	2.55	ug/l	95
8) Diethyl Ether	3.42	74	23385	2.56	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	42927	2.67	ug/l	97
10) 1,1-Dichloroethene	3.73	96	38036	2.57	ug/l	98
11) Methyl Iodide	3.95	142	34601	1.57	ug/l	91
12) Methyl Acetate	4.34	43	41643	2.88	ug/l	98
13) Acrolein	3.62	56	21698	14.33	ug/l	95
14) Acrylonitrile	5.00	53	62489	12.03	ug/l	98
15) Acetone	3.83	58	20391	15.56	ug/l #	60
16) Carbon Disulfide	4.05	76	118466	2.59	ug/l	100
17) Allyl chloride	4.33	41	54342	2.32	ug/l	95
18) Methylene Chloride	4.56	84	56140	3.19	ug/l	97
19) trans-1,2-Dichloroethene	5.04	96	37870	2.42	ug/l	94
20) Diisopropyl ether	5.96	45	100187	2.12	ug/l #	89
21) 1,1-Dichloroethane	5.86	63	75693m	2.61	ug/l	
22) cis-1,2-Dichloroethene	6.84	96	41705	2.39	ug/l #	86
23) tert-Butyl Alcohol	4.81	59	14367m	13.20	ug/l	
24) Methyl tert-Butyl Ether	5.05	73	90779	2.30	ug/l #	73
25) Chloroform	7.37	83	79391	2.71	ug/l	94
26) Cyclohexane	7.66	56	51182	2.09	ug/l #	94
29) 1,1-Dichloropropene	7.80	75	51083	2.40	ug/l	99
30) 2-Butanone	6.85	43	72650	12.27	ug/l	96
31) 2,2-Dichloropropane	6.83	77	63337	2.78	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	66910	2.74	ug/l	100
33) Carbon Tetrachloride	7.78	117	57891	2.67	ug/l	98
34) Benzene	8.04	78	163627	2.57	ug/l #	28
35) Methacrylonitrile	7.18	41	13648	2.02	ug/l	97
36) 1,2-Dichloroethane	8.13	62	55656	2.73	ug/l	98
37) Trichloroethene	8.84	130	44353	2.67	ug/l	97
38) Methylcyclohexane	9.08	83	52777	2.30	ug/l	100
39) 1,2-Dichloropropane	9.12	63	44604	2.69	ug/l	97
40) Dibromomethane	9.21	93	26085	2.62	ug/l	94

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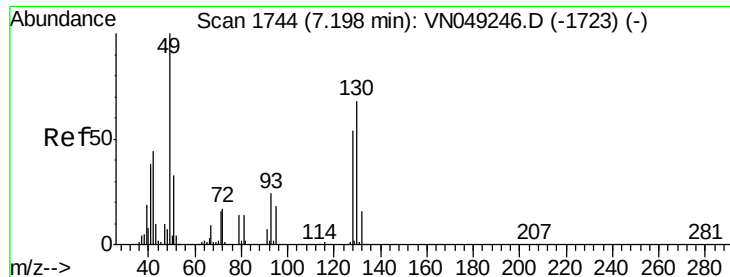
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.41	83	56773	2.65	ug/l	92
42) Vinyl Acetate	5.90	43	359465	11.44	ug/l	99
43) Ethyl Acetate	6.94	43	29965	2.40	ug/l #	83
44) Isopropyl Acetate	8.17	43	53900	2.30	ug/l #	65
45) 1,4-Dioxane	9.20	88	7579	49.23	ug/l #	86
46) Methyl methacrylate	9.20	41	25903	2.21	ug/l	98
47) n-amyl Acetate	12.07	43	36285	1.84	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	51825	2.40	ug/l	89
49) cis-1,3-Dichloropropene	9.84	75	57725	2.32	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	40436	2.79	ug/l	95
51) Ethyl methacrylate	10.43	69	36864	2.09	ug/l	95
52) 1,3-Dichloropropane	10.71	76	63000	2.65	ug/l	99
53) Dibromochloromethane	10.90	129	40576	2.48	ug/l	98
54) 1,2-Dibromoethane	11.01	107	35899	2.55	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	82452	9.17	ug/l	100
56) Bromoform	12.13	173	26294	2.35	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	146597	11.81	ug/l	99
59) 2-Hexanone	10.76	43	96913	11.60	ug/l	95
61) Tetrachloroethene	10.63	164	39648	2.77	ug/l	97
62) Toluene	10.16	91	177022	2.70	ug/l	99
64) Chlorobenzene	11.44	112	107650	2.68	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	40697	2.67	ug/l	98
66) Ethyl Benzene	11.52	91	156284	2.28	ug/l	96
67) m/p-Xylenes	11.62	106	114529	4.34	ug/l	99
68) o-Xylene	11.95	106	54274	2.15	ug/l	93
69) Styrene	11.97	104	79757	1.98	ug/l	99
70) Isopropylbenzene	12.25	105	142644	2.13	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	46025	2.68	ug/l	98
72) 1,2,3-Trichloropropane	12.55	75	36295m	2.64	ug/l	
73) Bromobenzene	12.53	156	41692	2.38	ug/l	98
74) n-propylbenzene	12.59	91	163335	2.11	ug/l	100
75) 2-Chlorotoluene	12.68	91	108242	2.33	ug/l	96
76) 1,3,5-Trimethylbenzene	12.73	105	109831	2.02	ug/l	97
77) t-1,4-Dichloro-2-butene	12.31	75	9715	2.02	ug/l	98
78) 4-Chlorotoluene	12.78	91	97302	2.10	ug/l	100
79) tert-butylbenzene	13.00	119	103142	2.18	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	106602	1.94	ug/l	98
81) sec-Butylbenzene	13.17	105	127829	2.02	ug/l	97
82) p-Isopropyltoluene	13.29	119	99205	1.81	ug/l	98
83) 1,3-Dichlorobenzene	13.28	146	66128	2.17	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	60674	2.08	ug/l	98
85) n-Butylbenzene	13.62	91	71536	1.60	ug/l	96
86) Hexachloroethane	13.88	117	26935	2.58	ug/l	93
87) 1,2-Dichlorobenzene	13.66	146	65007	2.22	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	7397	2.89	ug/l	82
89) 1,2,4-Trichlorobenzene	14.91	180	20532	1.39	ug/l	99
90) Hexachlorobutadiene	15.01	225	23396	2.48	ug/l	95
91) Naphthalene	15.14	128	41467	1.27	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	25025	1.68	ug/l	97

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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

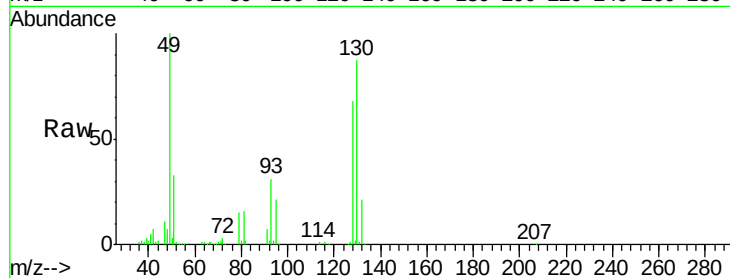
Delta R.T. 0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

Tot Ion:128 Resp: 258141

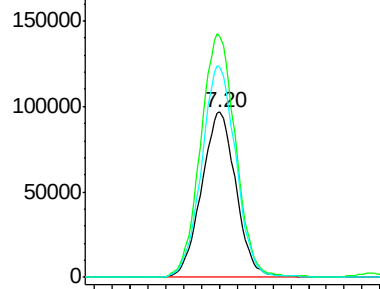
Ion	Ratio	Lower	Upper
128	100		
49	149.7	0.0	378.3
130	127.5	0.0	320.7



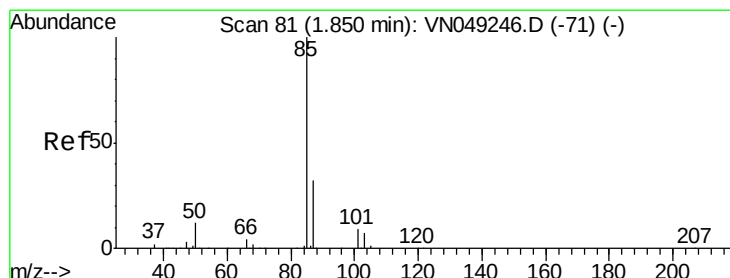
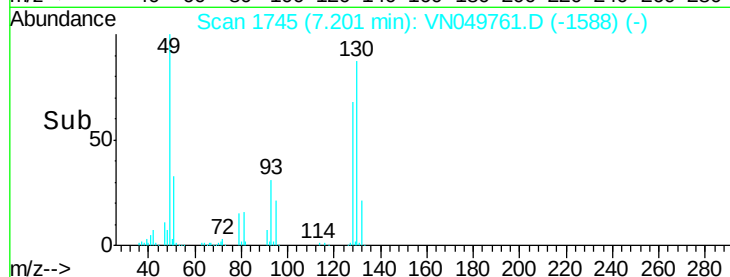
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 1.94 ug/l

RT: 1.85 min Scan# 82

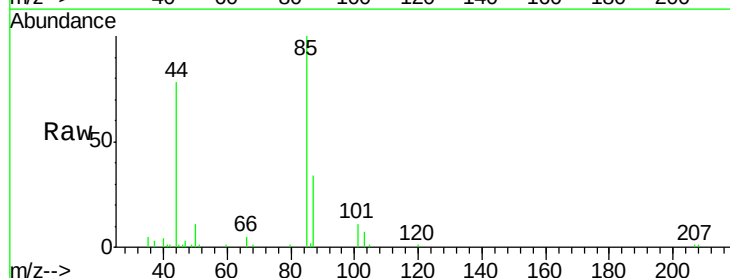
Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

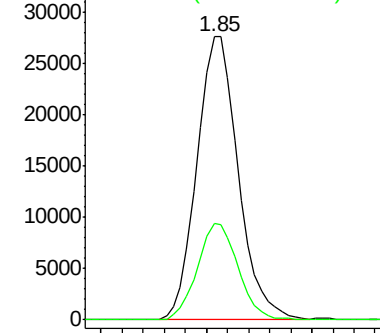
Tgt Ion: 85 Resp: 37475

Ion	Ratio	Lower	Upper
85	100		
87	34.1	15.4	46.4

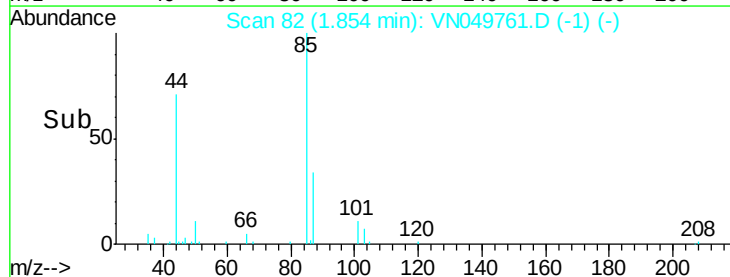


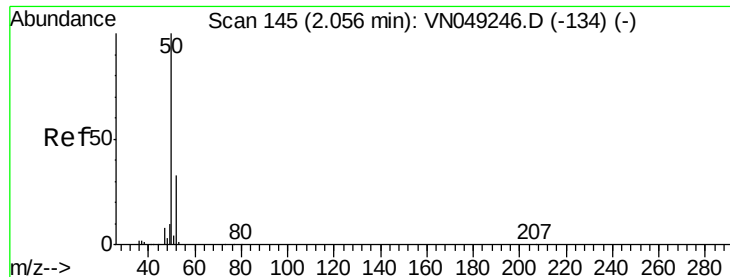
Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



Time-->





#3

Chloromethane

Concen: 2.52 ug/l

RT: 2.06 min Scan# 146

Delta R.T. -0.00 min

Lab File: VN049761.D

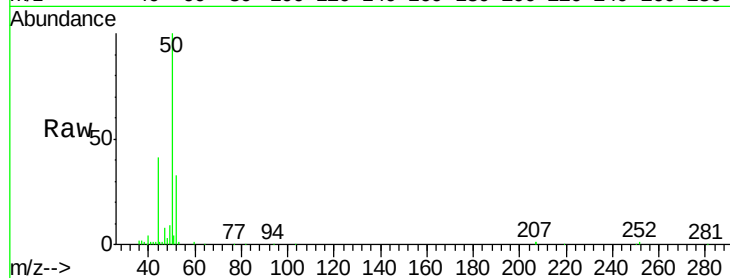
Acq: 11 Jul 2018 17:20

Tot Ion: 50 Resp: 50271

Ion Ratio Lower Upper

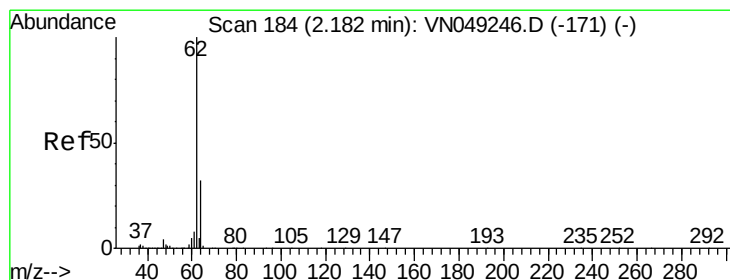
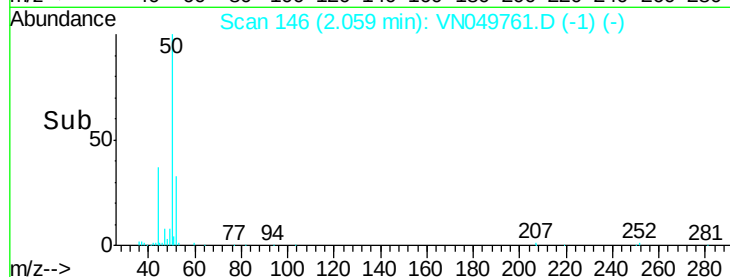
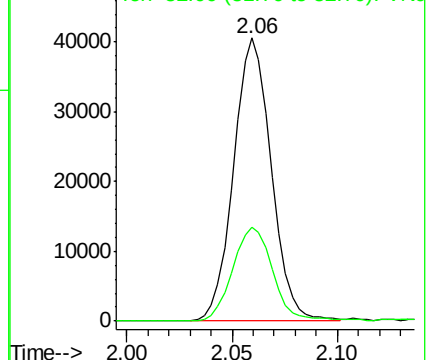
50 100

52 33.3 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 2.49 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049761.D

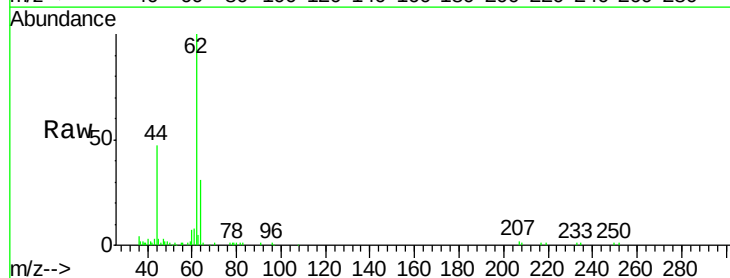
Acq: 11 Jul 2018 17:20

Tgt Ion: 62 Resp: 52501

Ion Ratio Lower Upper

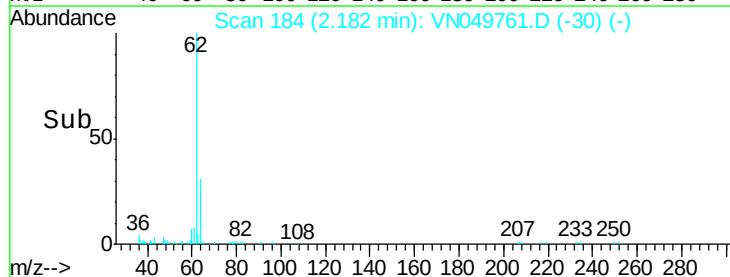
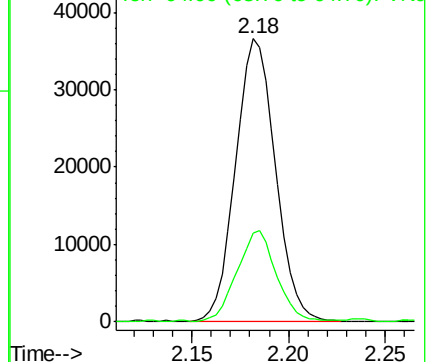
62 100

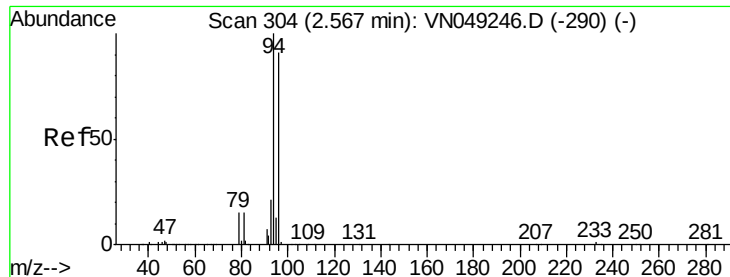
64 31.2 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 2.94 ug/l

RT: 2.57 min Scan# 304

Delta R.T. -0.00 min

Lab File: VN049761.D

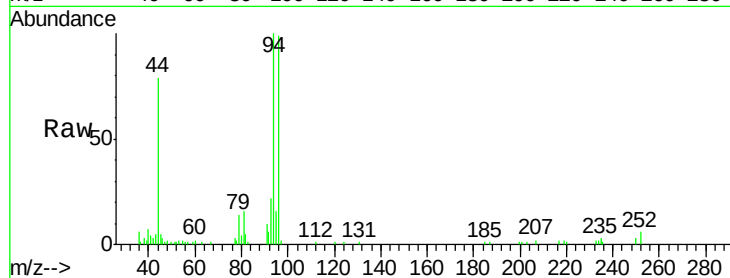
Acq: 11 Jul 2018 17:20

Tot Ion: 94 Resp: 37490

Ion Ratio Lower Upper

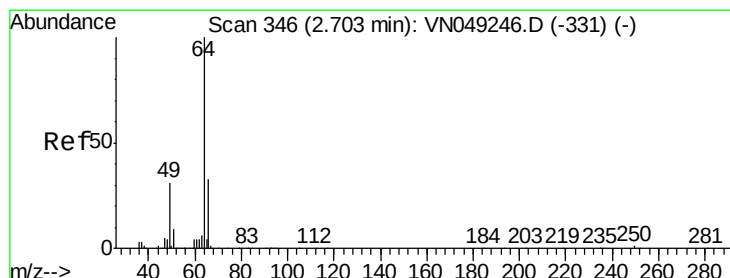
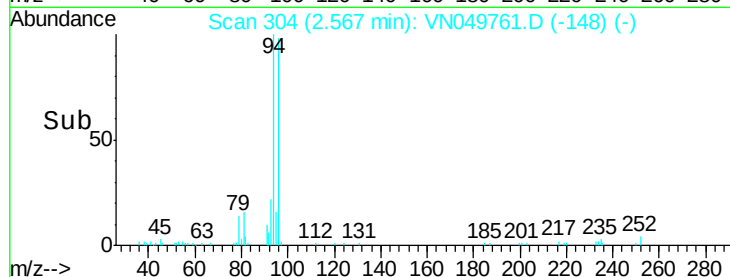
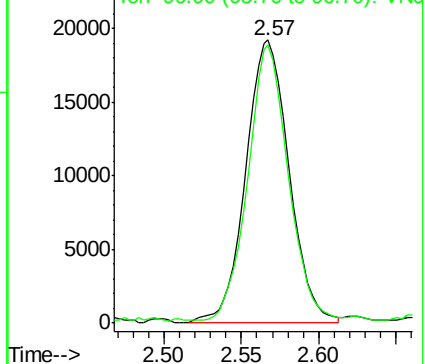
94 100

96 97.4 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 2.66 ug/l

RT: 2.70 min Scan# 346

Delta R.T. -0.00 min

Lab File: VN049761.D

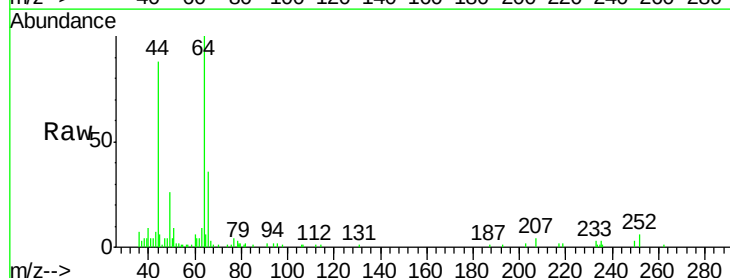
Acq: 11 Jul 2018 17:20

Tgt Ion: 64 Resp: 32622

Ion Ratio Lower Upper

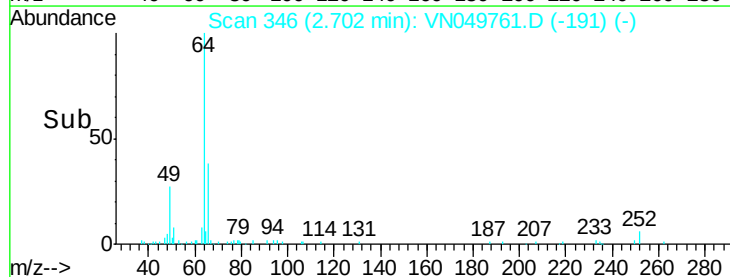
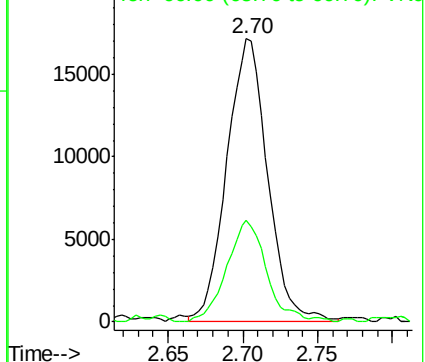
64 100

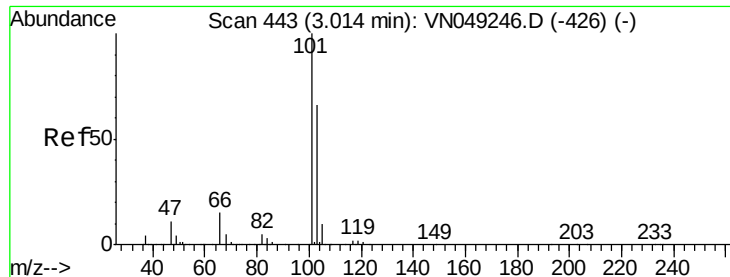
66 36.2 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

Trichlorofluoromethane

Concen: 2.55 ug/l

RT: 3.01 min Scan# 443

Delta R.T. -0.00 min

Lab File: VN049761.D

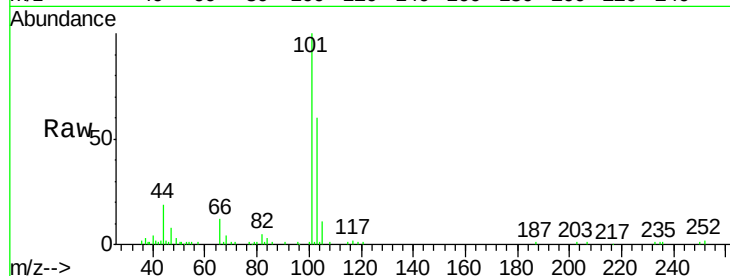
Acq: 11 Jul 2018 17:20

Tot Ion:101 Resp: 68105

Ion Ratio Lower Upper

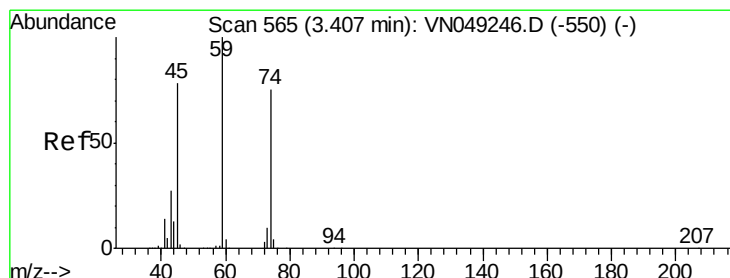
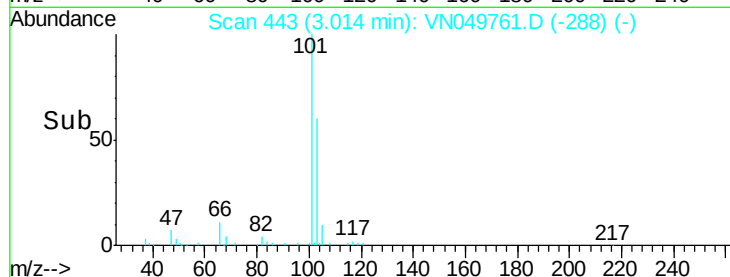
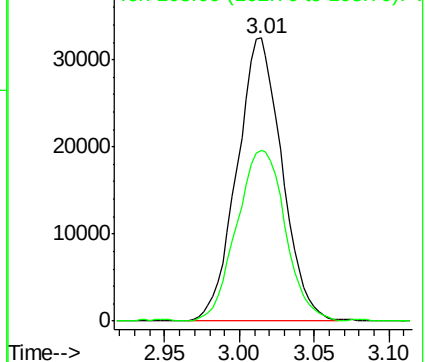
101 100

103 60.7 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: 2.56 ug/l

RT: 3.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN049761.D

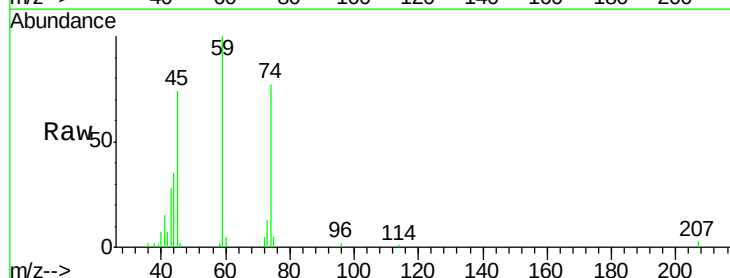
Acq: 11 Jul 2018 17:20

Tgt Ion: 74 Resp: 23385

Ion Ratio Lower Upper

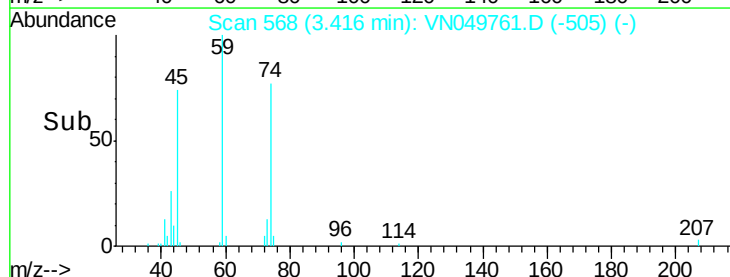
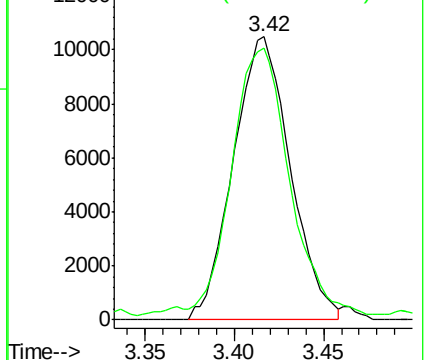
74 100

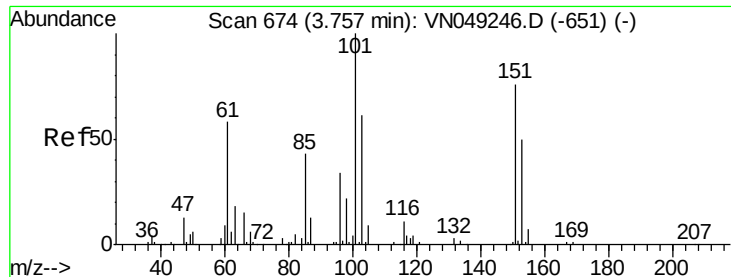
45 94.1 18.7 167.9



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: 2.67 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

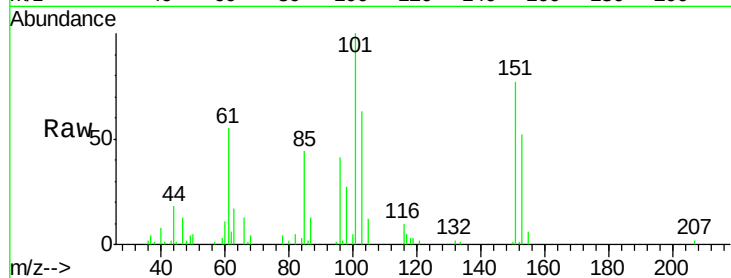
Tot Ion:101 Resp: 42927

Ion Ratio Lower Upper

101 100

85 43.3 0.0 83.0

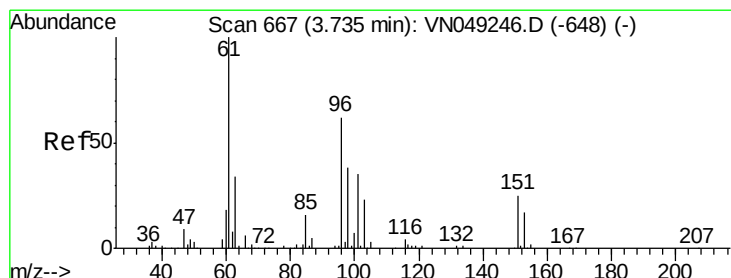
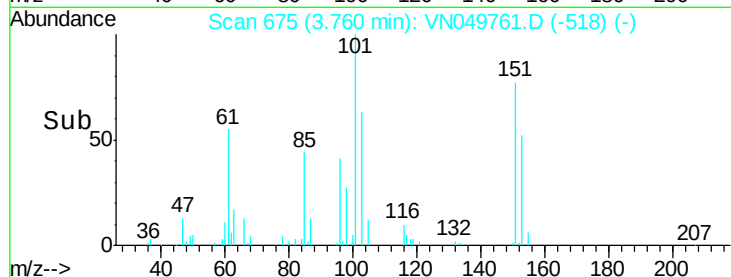
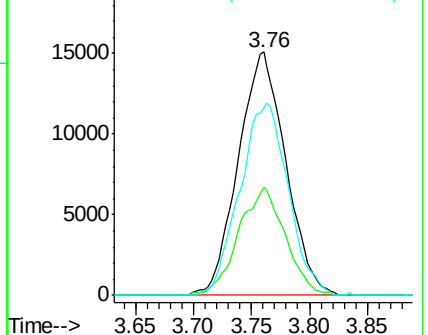
151 80.5 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 2.57 ug/l

RT: 3.73 min Scan# 667

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

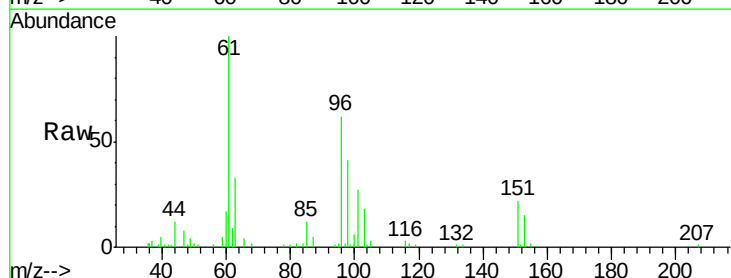
Tgt Ion: 96 Resp: 38036

Ion Ratio Lower Upper

96 100

61 160.5 130.6 195.8

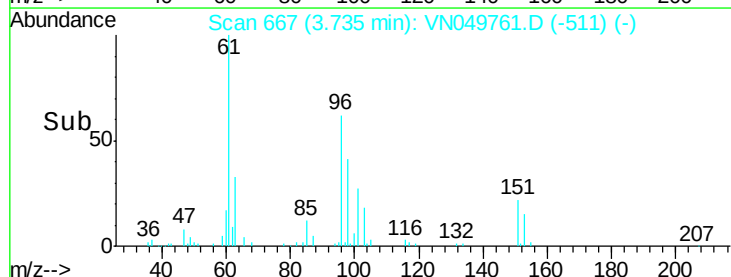
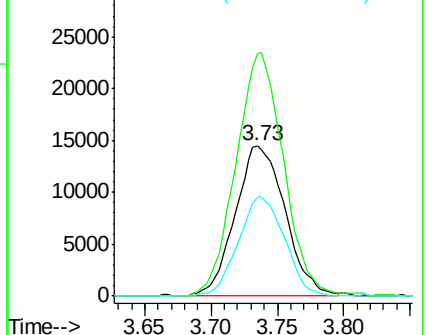
98 65.5 53.5 80.3

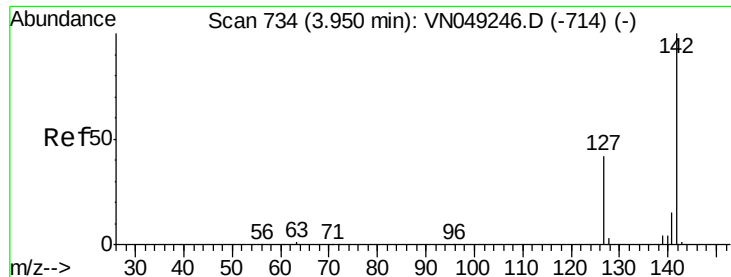


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

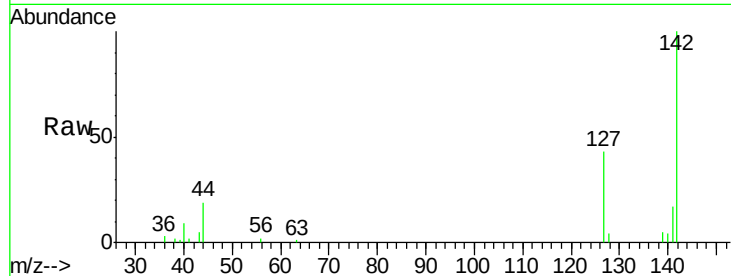
Ion 98.00 (97.70 to 98.70): VN0



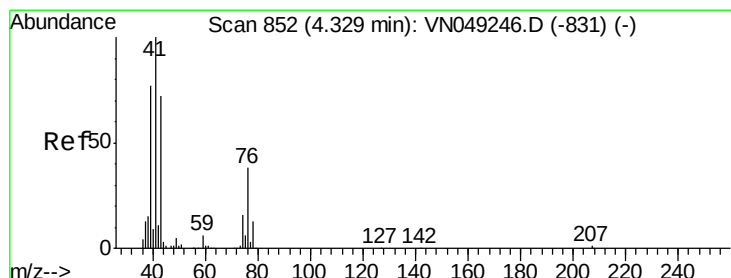
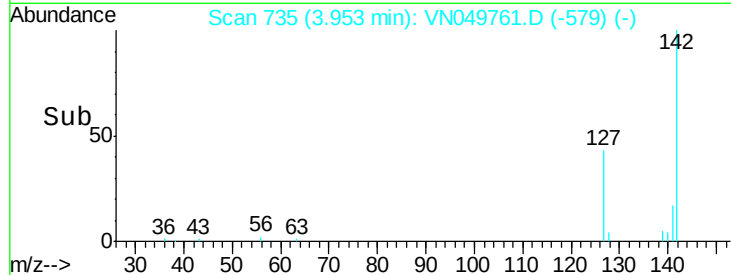
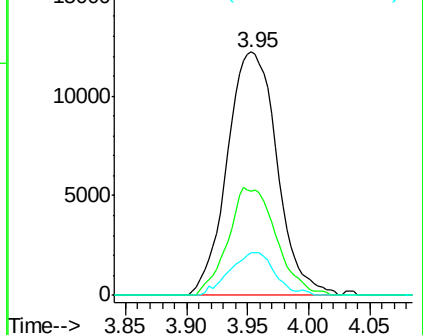


#11
Methvl Iodide
Concen: 1.57 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tot Ion:142 Resp: 34601
Ion Ratio Lower Upper
142 100
127 46.3 20.2 60.5
141 17.3 6.9 20.6

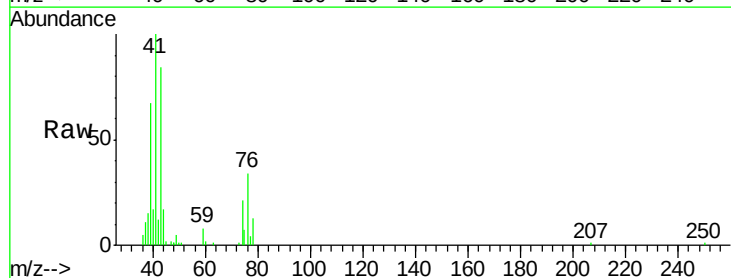


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

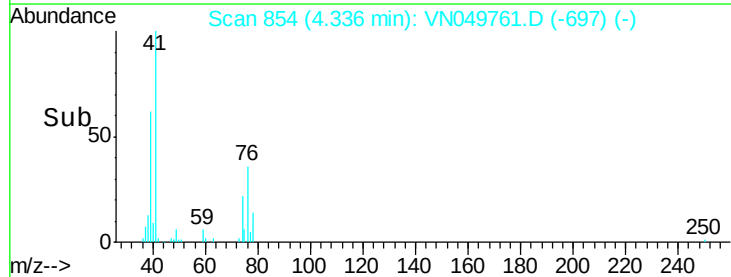
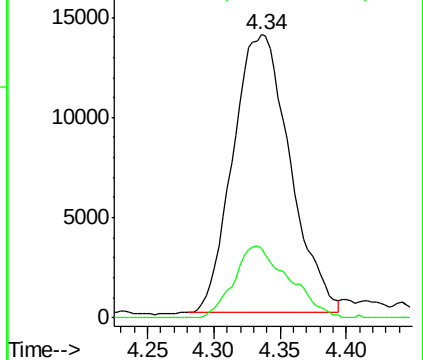


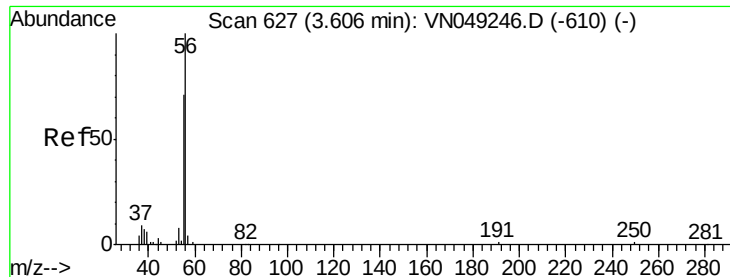
#12
Methyl Acetate
Concen: 2.88 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tgt Ion: 43 Resp: 41643
Ion Ratio Lower Upper
43 100
74 25.2 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: 14.33 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN049761.D

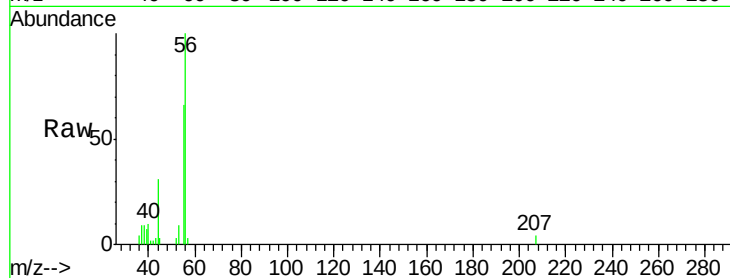
Acq: 11 Jul 2018 17:20

Tot Ion: 56 Resp: 21698

Ion Ratio Lower Upper

56 100

55 68.7 58.6 88.0



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

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

3.62

10000

8000

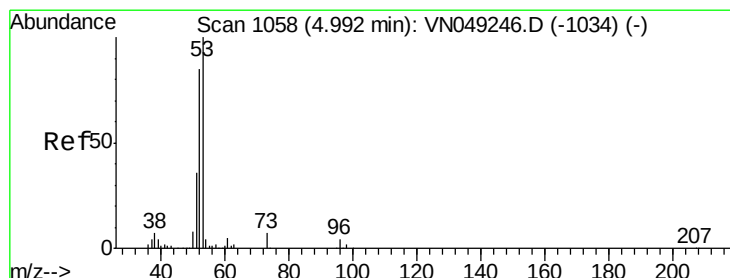
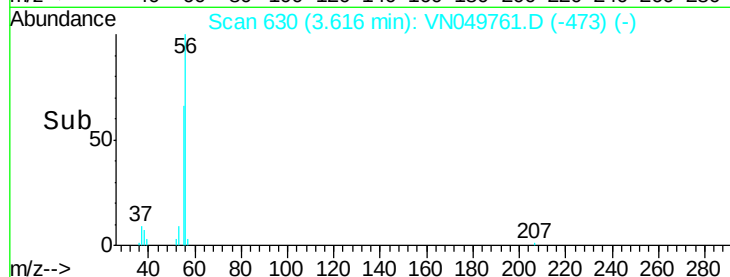
6000

4000

2000

0

Time-->



#14

Acrylonitrile

Concen: 12.03 ug/l

RT: 5.00 min Scan# 1061

Delta R.T. 0.01 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

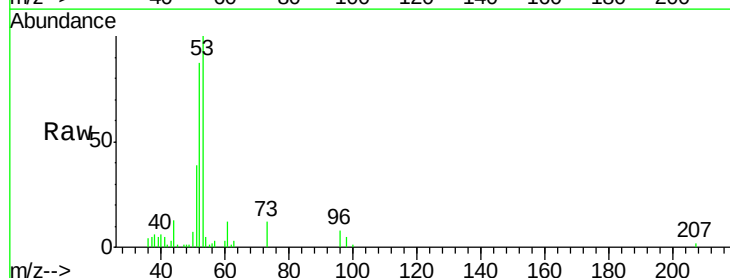
Tgt Ion: 53 Resp: 62489

Ion Ratio Lower Upper

53 100

52 80.4 41.5 124.5

51 36.8 18.7 56.1



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

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

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

5.00

20000

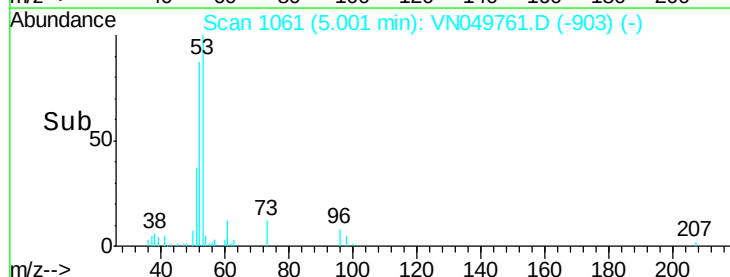
15000

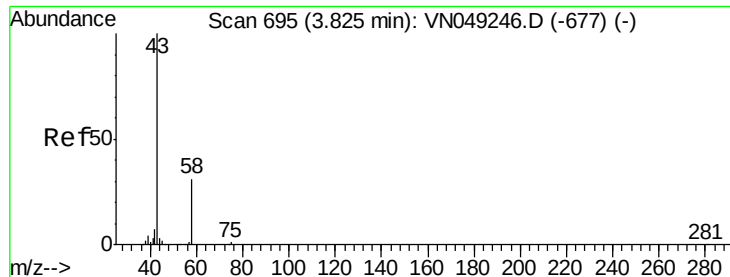
10000

5000

0

Time-->





#15

Acetone

Concen: 15.56 ug/l

RT: 3.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN049761.D

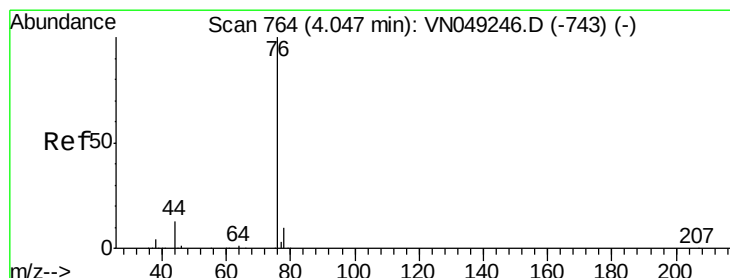
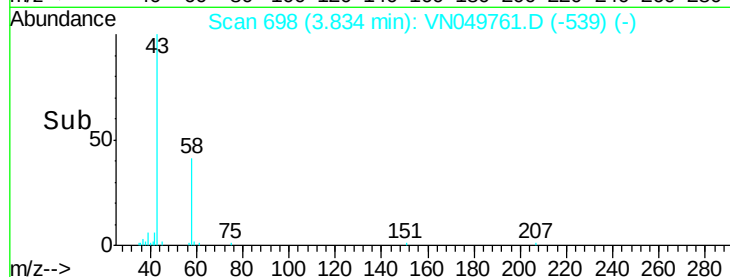
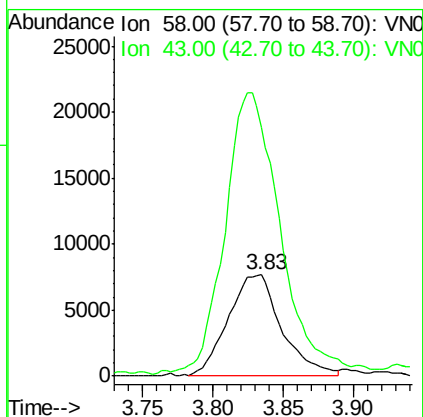
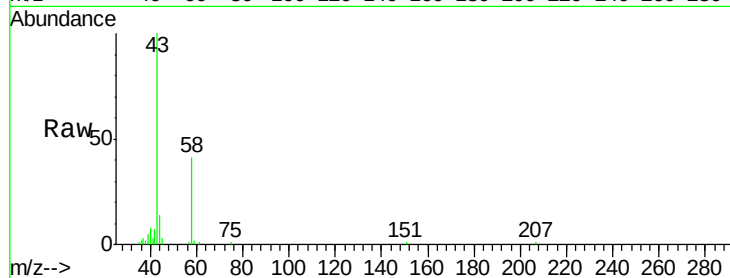
Acq: 11 Jul 2018 17:20

Tot Ion: 58 Resp: 20391

Ion Ratio Lower Upper

58 100

43 234.3 252.0 378.0#



#16

Carbon Disulfide

Concen: 2.59 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049761.D

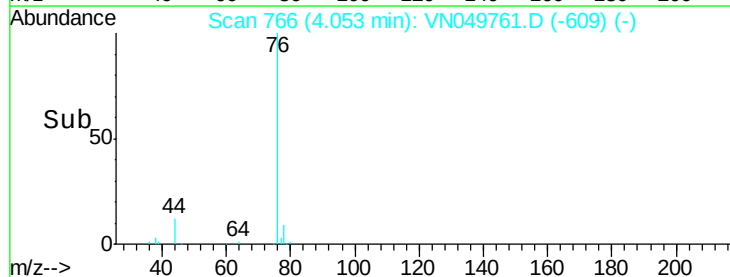
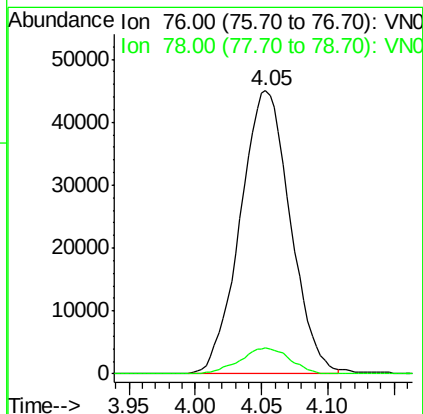
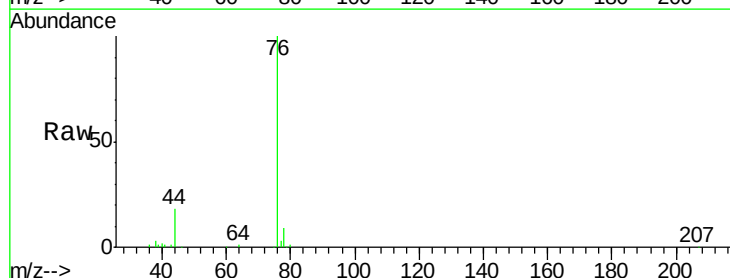
Acq: 11 Jul 2018 17:20

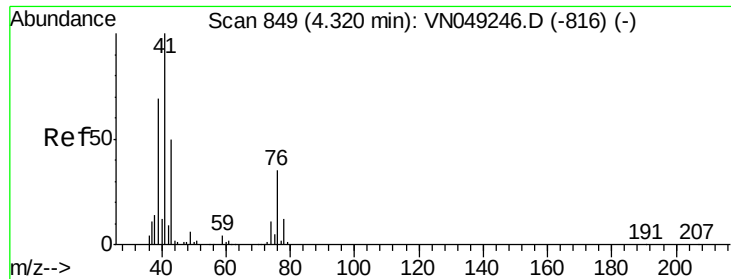
Tgt Ion: 76 Resp: 118466

Ion Ratio Lower Upper

76 100

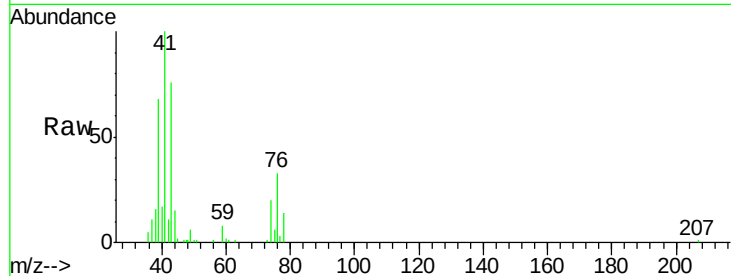
78 9.1 7.3 10.9



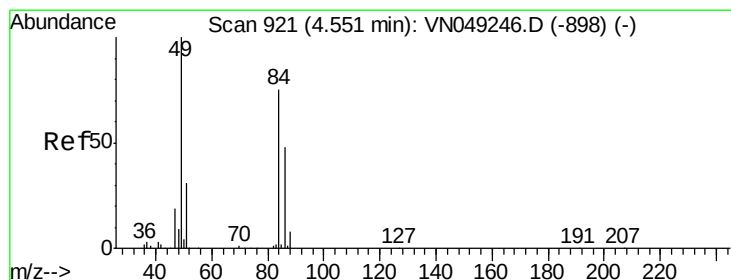
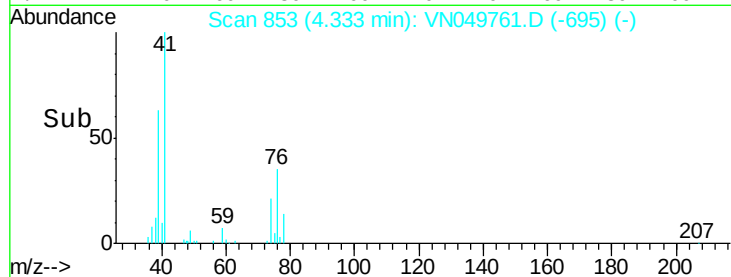
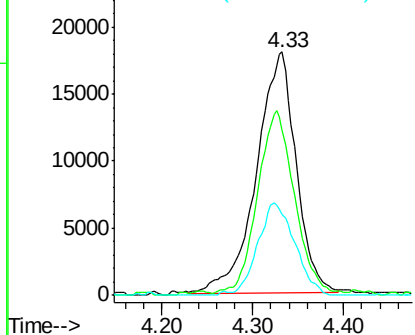


#17
Allvl chloride
Concen: 2.32 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tot Ion: 41 Resp: 54342
Ion Ratio Lower Upper
41 100
39 68.2 35.4 106.3
76 33.7 19.7 59.1

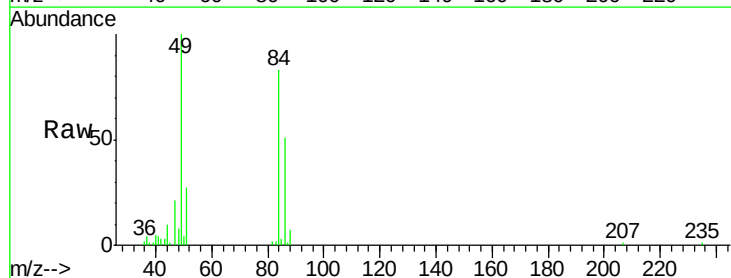


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 76.00 (75.70 to 76.70): VN0

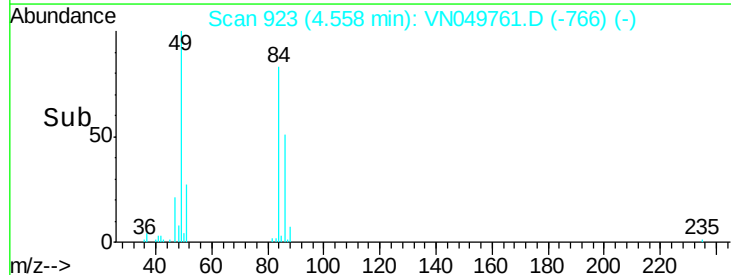
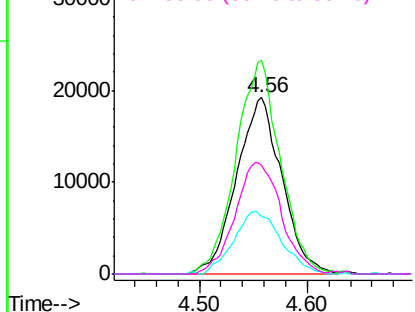


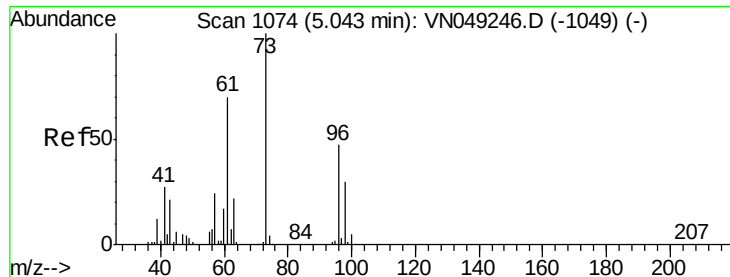
#18
Methylene Chloride
Concen: 3.19 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tgt Ion: 84 Resp: 56140
Ion Ratio Lower Upper
84 100
49 121.0 95.1 142.7
51 32.9 28.8 43.2
86 61.5 52.3 78.5



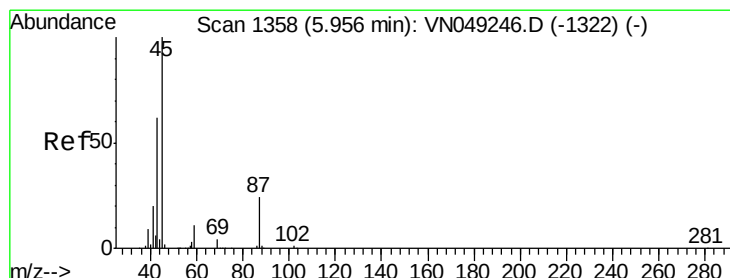
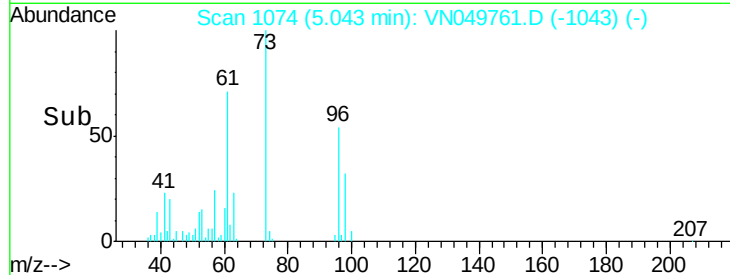
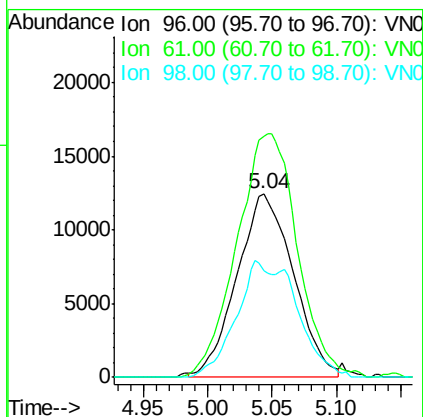
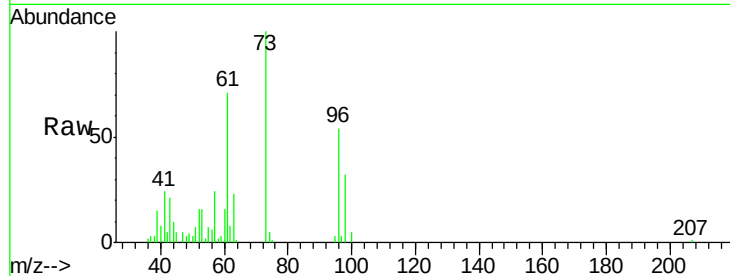
Abundance Ion 84.00 (83.70 to 84.70): VN0
Ion 49.00 (48.70 to 49.70): VN0
Ion 51.00 (50.70 to 51.70): VN0
Ion 86.00 (85.70 to 86.70): VN0





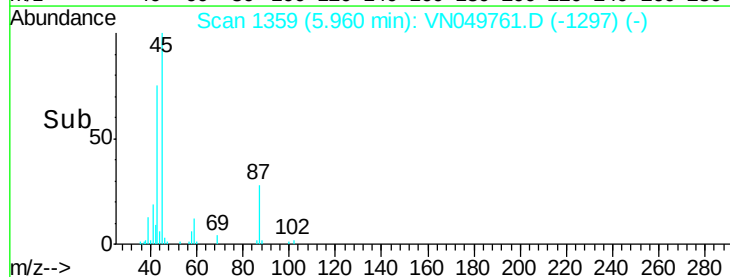
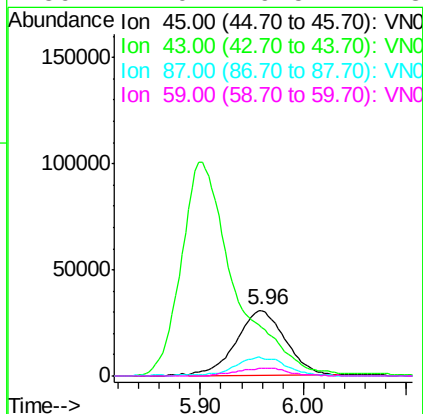
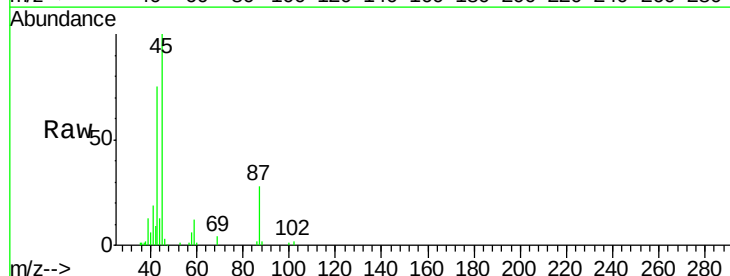
#19
trans-1,2-Dichloroethene
Concen: 2.42 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

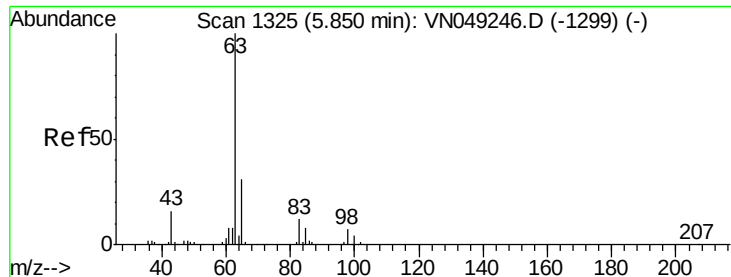
Tot Ion: 96 Resp: 37870
Ion Ratio Lower Upper
96 100
61 132.6 112.1 168.1
98 59.6 51.3 76.9



#20
Diisopropyl ether
Concen: 2.12 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

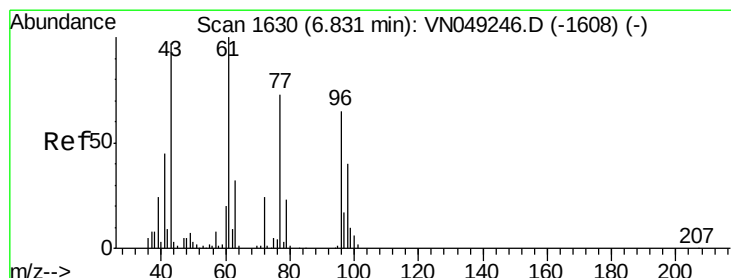
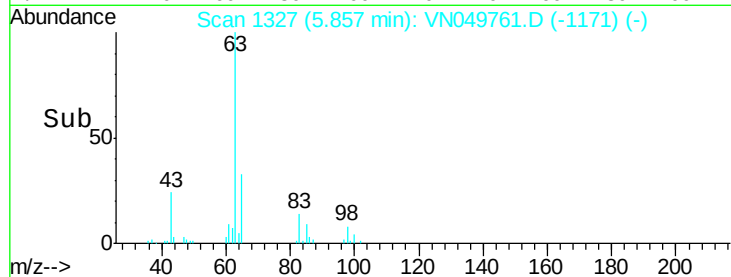
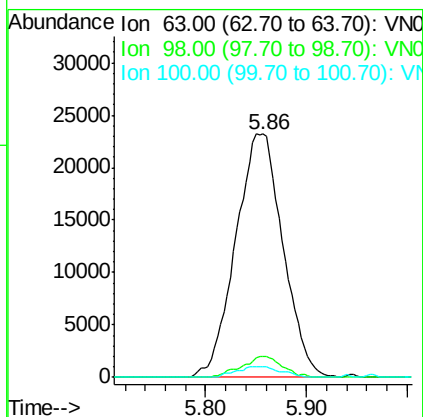
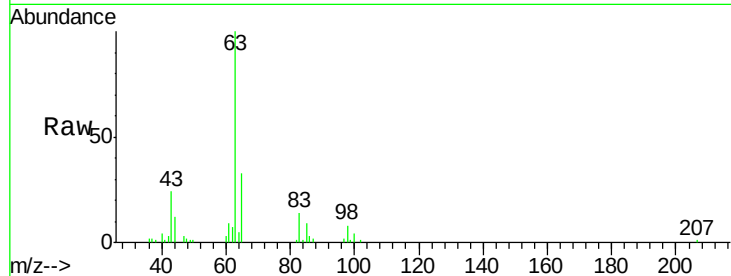
Tgt Ion: 45 Resp: 100187
Ion Ratio Lower Upper
45 100
43 71.6 46.6 70.0#
87 28.6 22.3 33.5
59 12.0 9.5 14.3





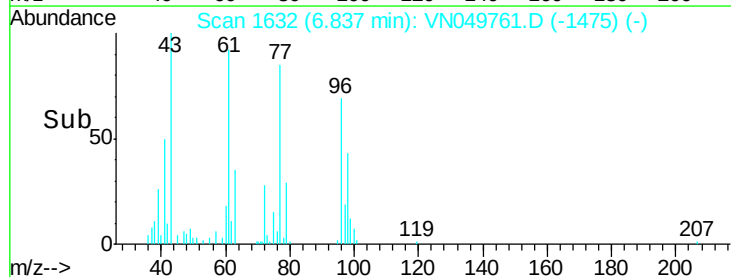
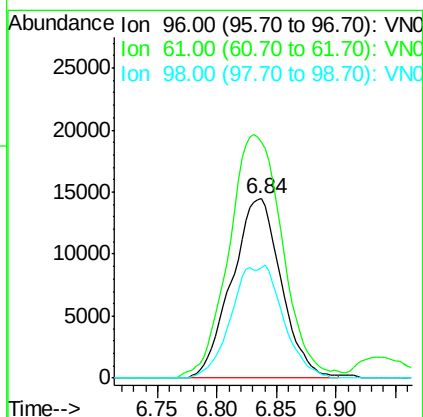
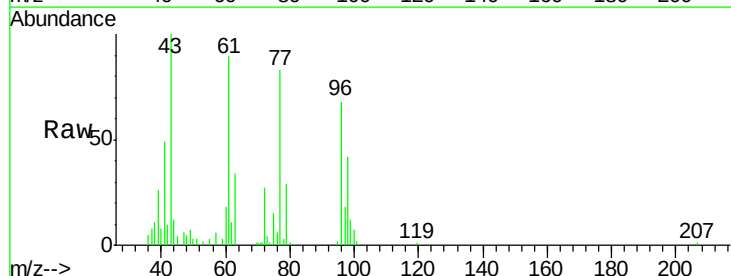
#21
 1,1-Dichloroethane
 Concen: 2.61 ug/l m
 RT: 5.86 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

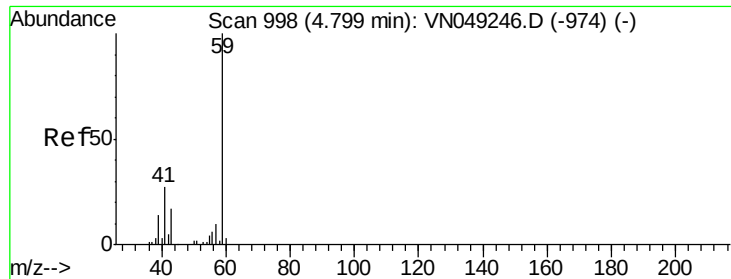
Tot Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.5	10.6
100	4.2	2.3	6.8



#22
 cis-1,2-Dichloroethene
 Concen: 2.39 ug/l
 RT: 6.84 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.1	114.2	171.2
98	35.0	51.7	77.5





#23

tert-Butyl Alcohol

Concen: 13.20 ug/l m

RT: 4.81 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN049761.D

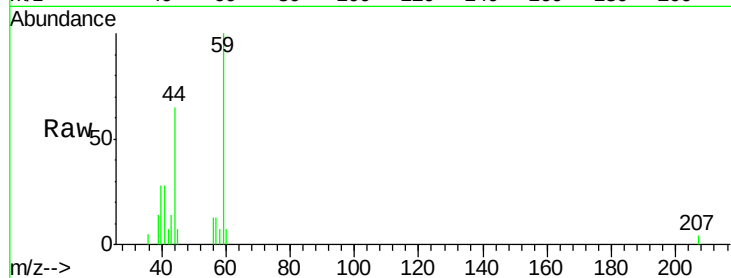
Acq: 11 Jul 2018 17:20

Tot Ion: 59 Resp: 14367

Ion Ratio Lower Upper

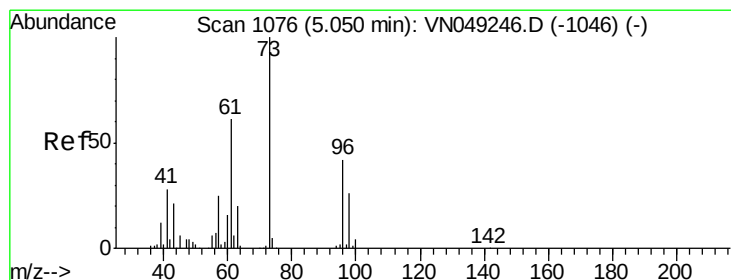
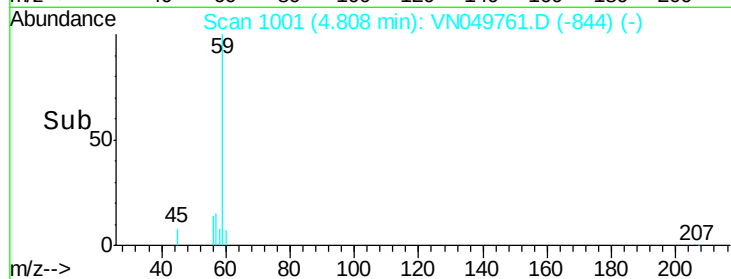
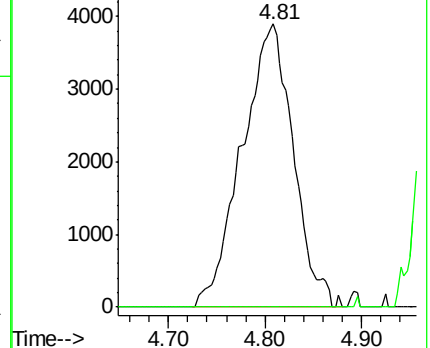
59 100

52 0.0 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 2.30 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VN049761.D

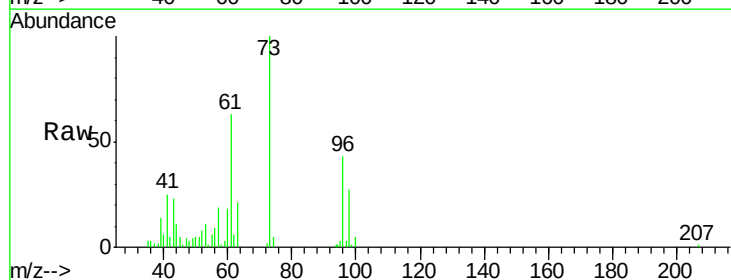
Acq: 11 Jul 2018 17:20

Tgt Ion: 73 Resp: 90779

Ion Ratio Lower Upper

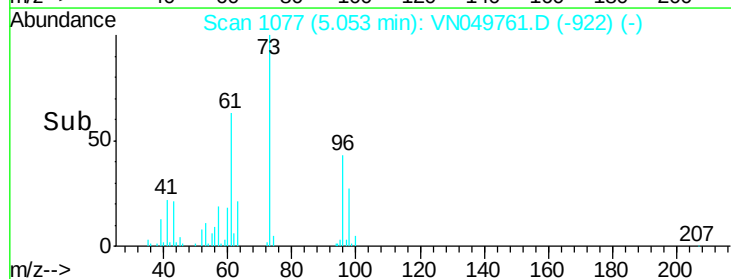
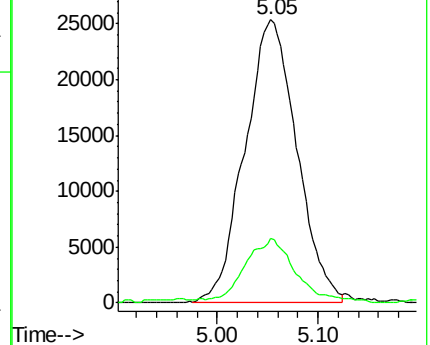
73 100

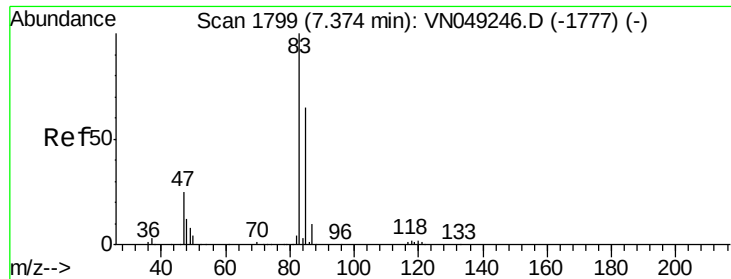
43 7.1 15.5 23.3#



Abundance Ion 73.00 (72.70 to 73.70): VN0

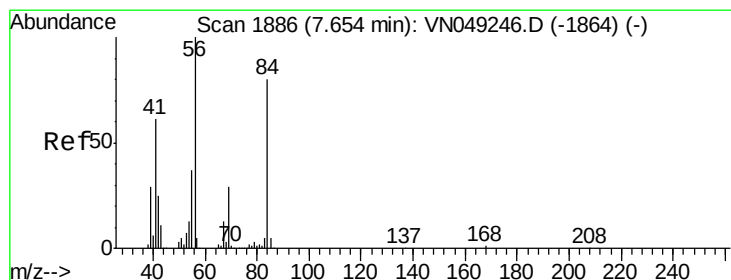
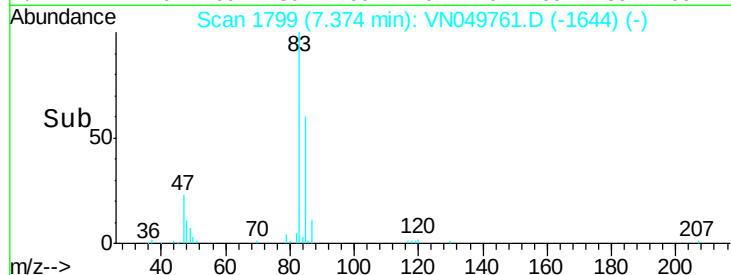
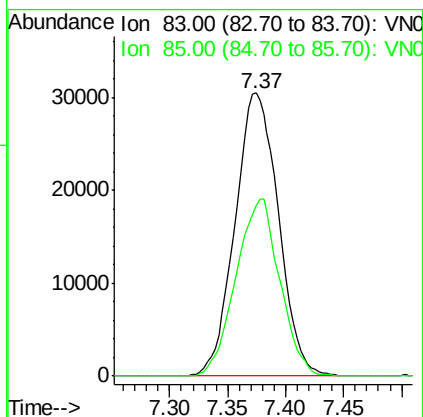
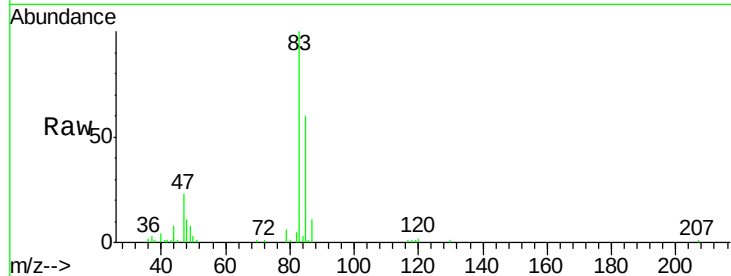
Ion 43.00 (42.70 to 43.70): VN0





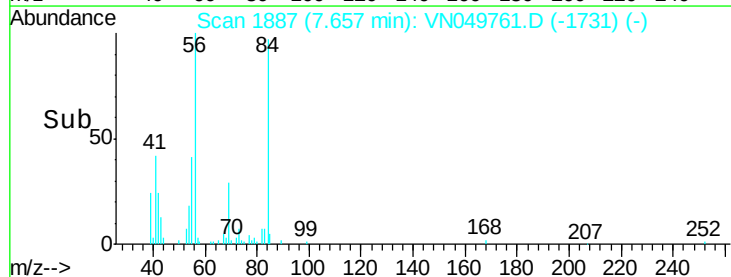
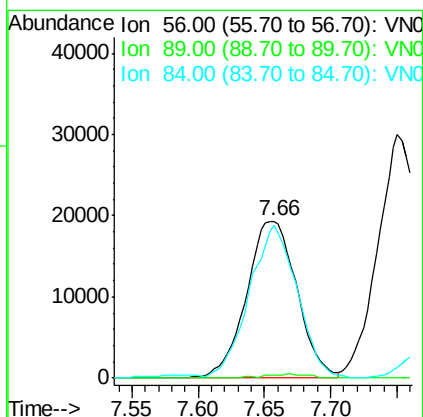
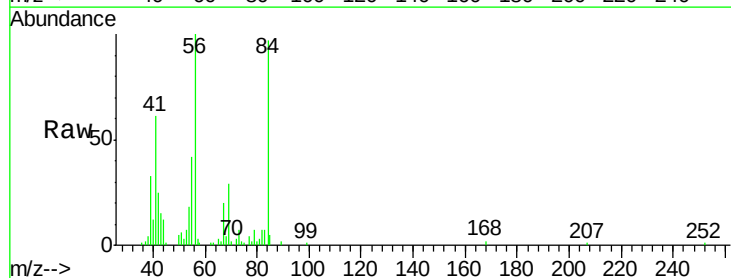
#25
Chloroform
Concen: 2.71 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

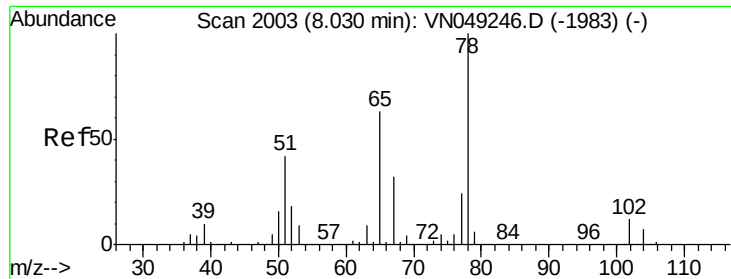
Tot Ion: 83 Resp: 79391
Ion Ratio Lower Upper
83 100
85 60.3 52.1 78.1



#26
Cyclohexane
Concen: 2.09 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

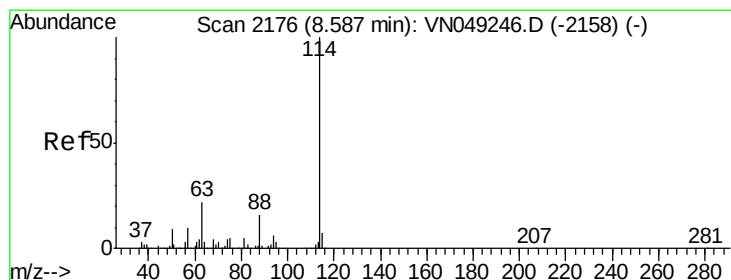
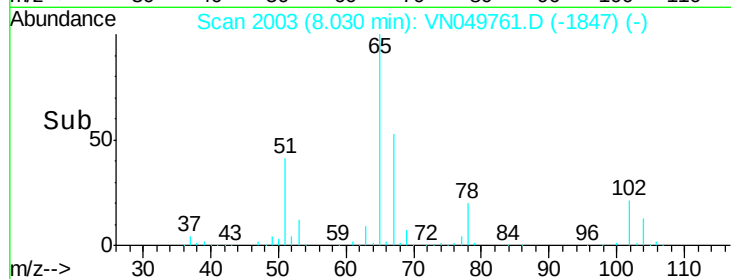
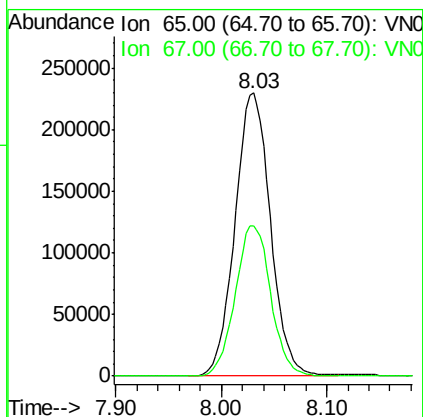
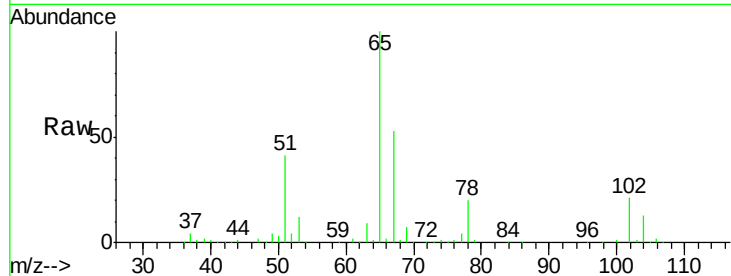
Tgt Ion: 56 Resp: 51182
Ion Ratio Lower Upper
56 100
89 0.5 3.0 4.4#
84 92.6 69.8 104.8





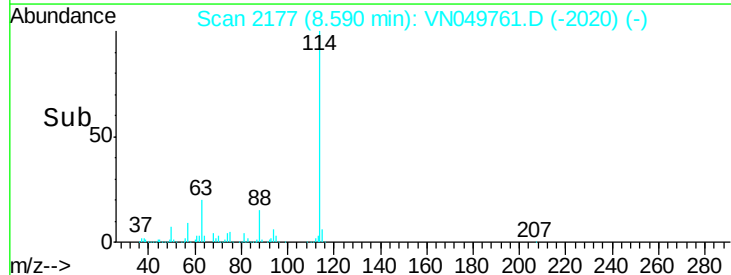
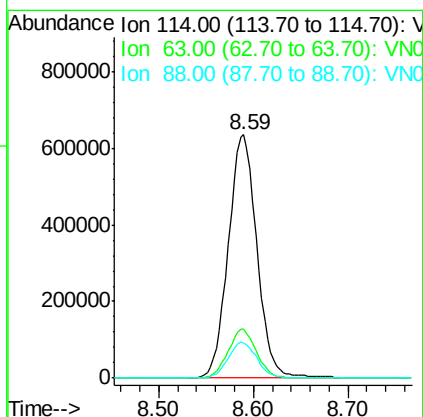
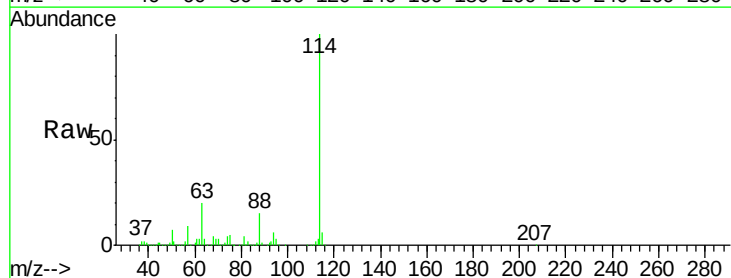
#27
 1,2-Dichloroethane-d4
 Concen: 30.75 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

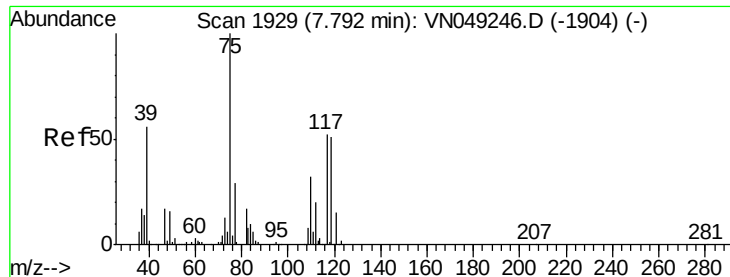
Tot Ion: 65 Resp: 536557
 Ion Ratio Lower Upper
 65 100
 67 53.3 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

Tgt Ion: 114 Resp: 1335961
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.2 24.2
 88 14.9 12.3 18.5





#29

1,1-Dichloropropene

Concen: 2.40 ug/l

RT: 7.80 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

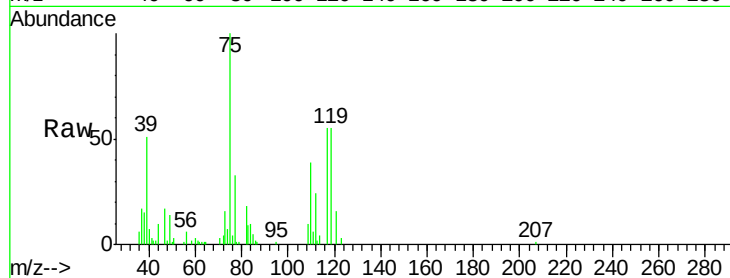
Tot Ion: 75 Resp: 51083

Ion Ratio Lower Upper

75 100

110 37.6 0.0 73.2

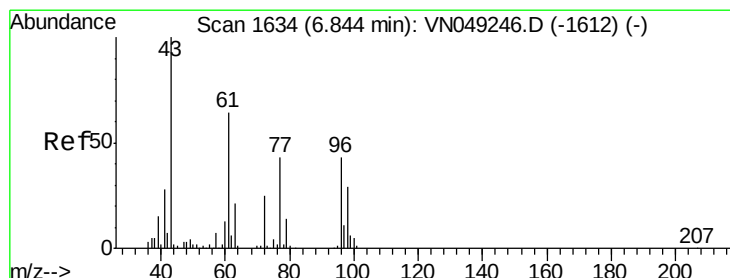
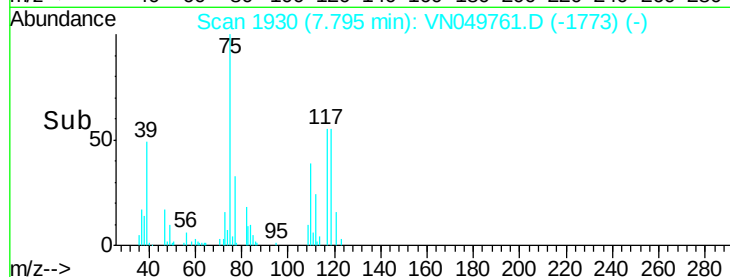
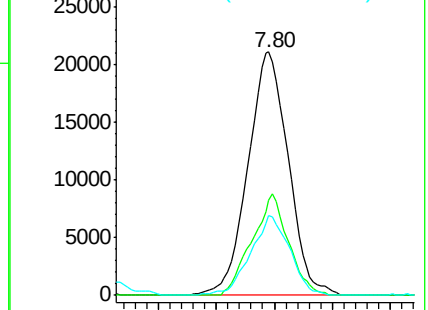
77 31.3 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 110.00 (109.70 to 110.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#30

2-Butanone

Concen: 12.27 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

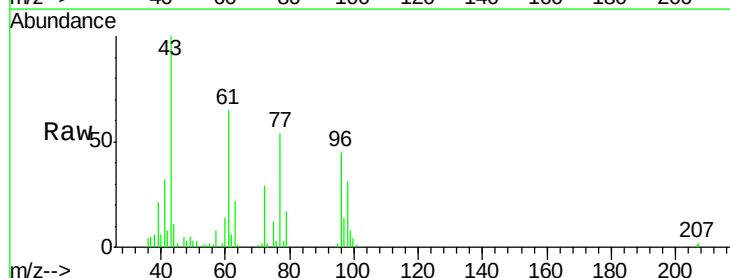
Tgt Ion: 43 Resp: 72650

Ion Ratio Lower Upper

43 100

57 7.0 6.8 10.2

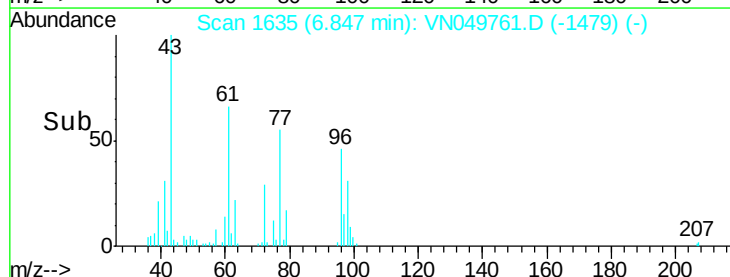
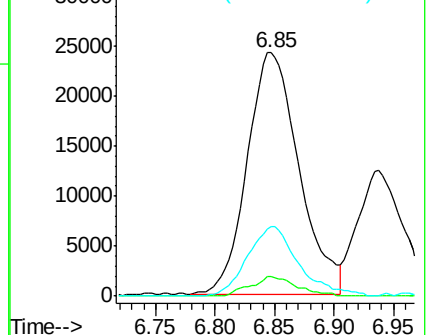
72 28.5 21.4 32.0

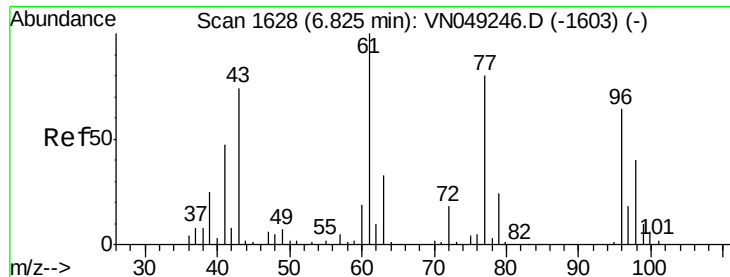


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

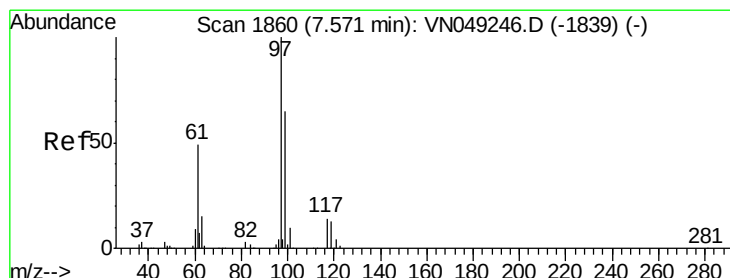
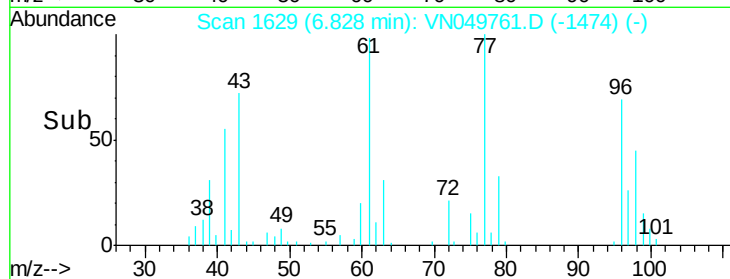
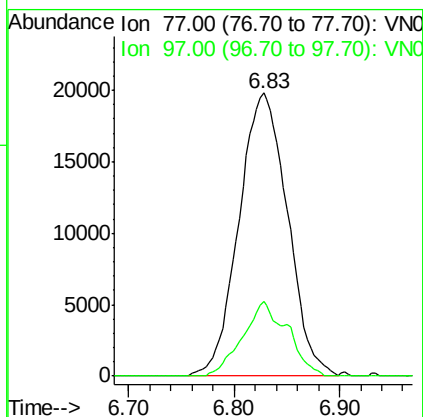
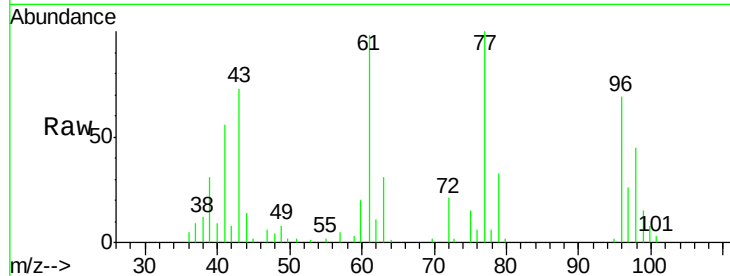
Ion 72.00 (71.70 to 72.70): VN0





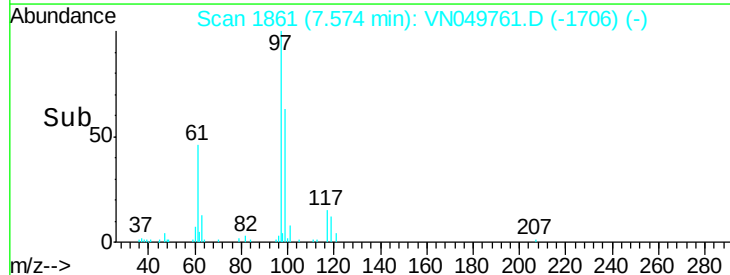
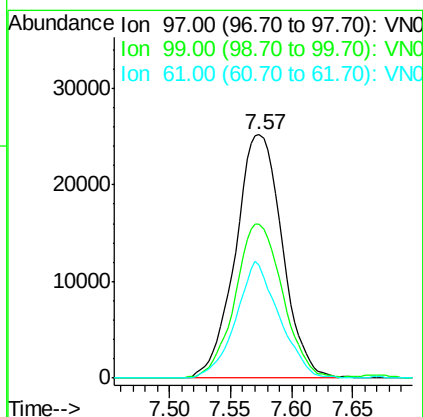
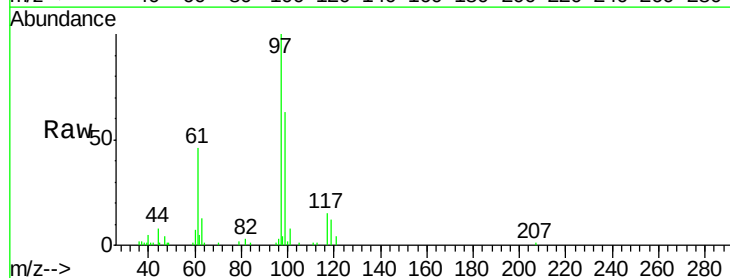
#31
 2,2-Dichloropropane
 Concen: 2.78 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

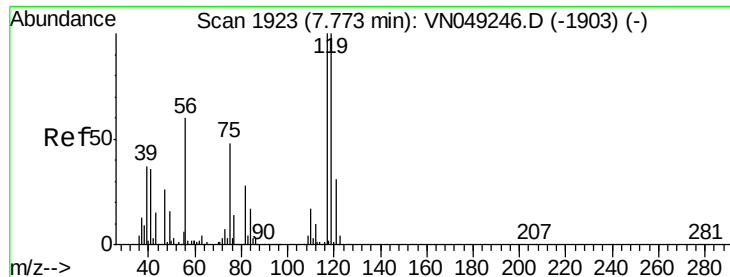
Tot Ion: 77 Resp: 63337
 Ion Ratio Lower Upper
 77 100
 97 19.2 18.9 28.3



#32
 1,1,1-Trichloroethane
 Concen: 2.74 ug/l
 RT: 7.57 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

Tgt Ion: 97 Resp: 66910
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.2 76.8
 61 44.2 35.3 52.9





#33

Carbon Tetrachloride

Concen: 2.67 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

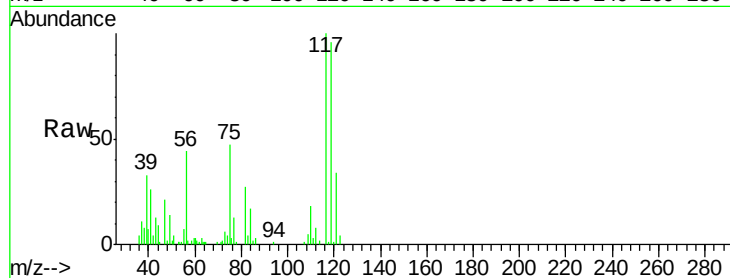
Tot Ion:117 Resp: 57891

Ion Ratio Lower Upper

117 100

119 96.0 76.9 115.3

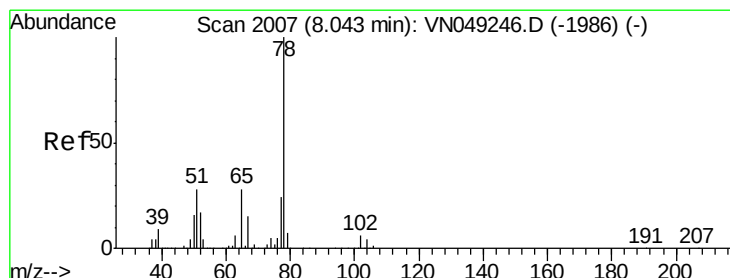
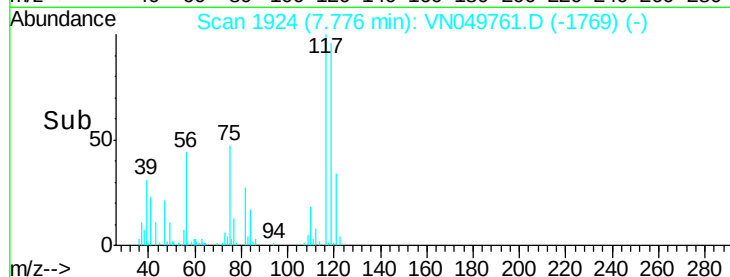
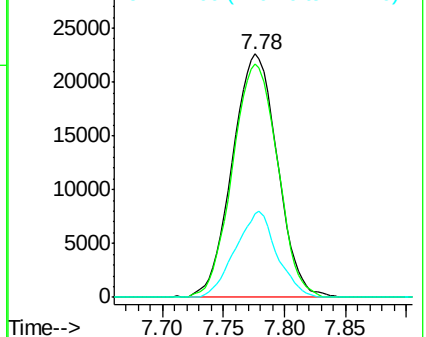
121 34.2 24.4 36.6



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: 2.57 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

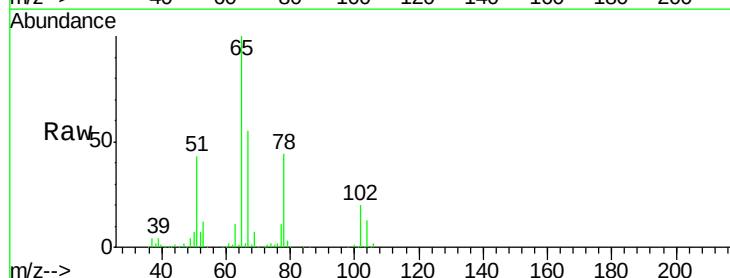
Tgt Ion: 78 Resp: 163627

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

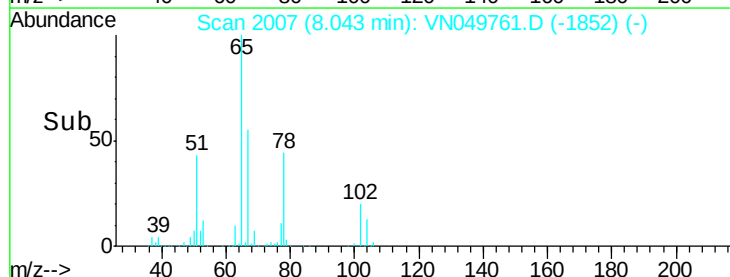
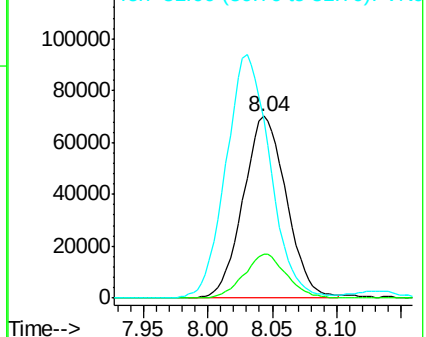
51 96.7 21.0 31.4#

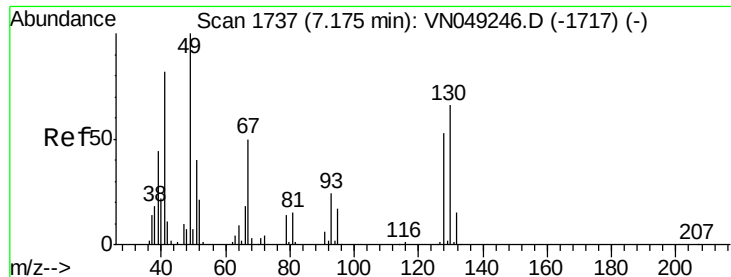


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

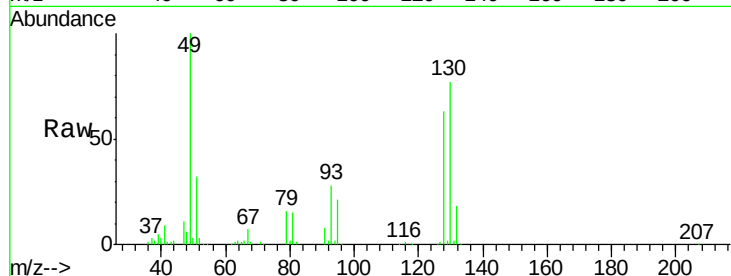
Ion 51.00 (50.70 to 51.70): V



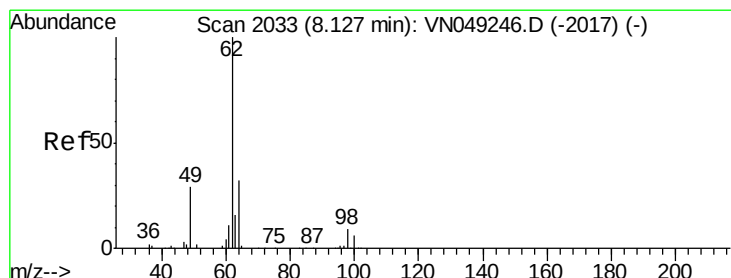
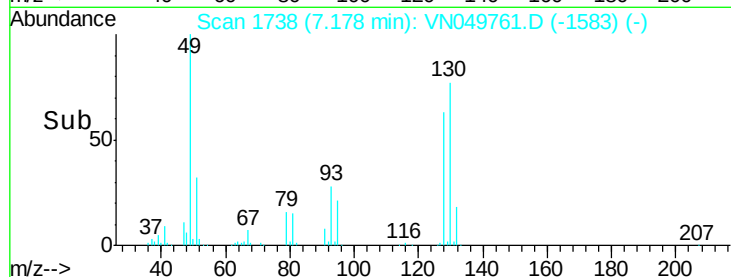
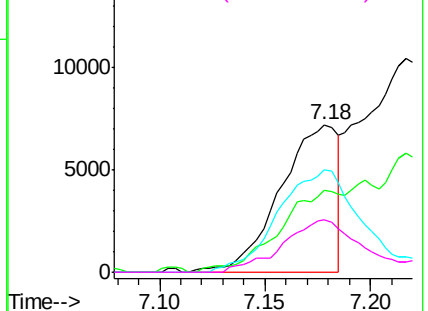


#35
Methacrylonitrile
Concen: 2.02 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tot Ion:	41	Resp:	13648
Ion	Ratio	Lower	Upper
41	100		
39	55.1	27.6	82.7
67	69.8	35.1	105.5
52	35.5	14.1	42.4

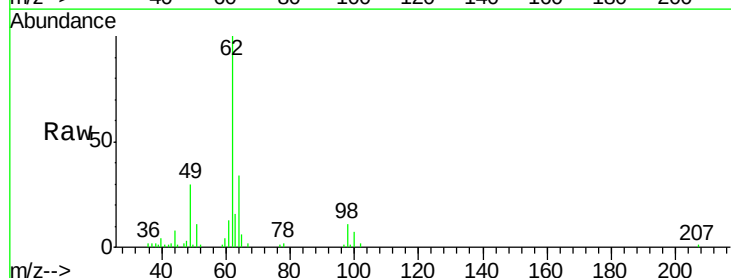


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

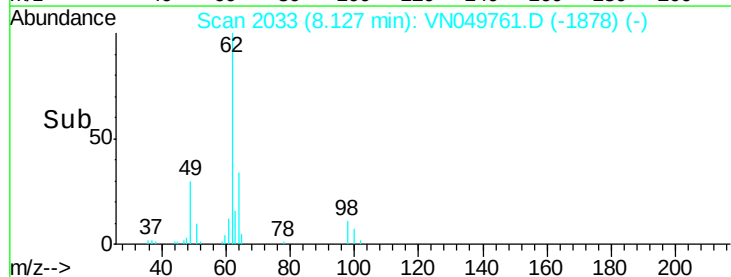
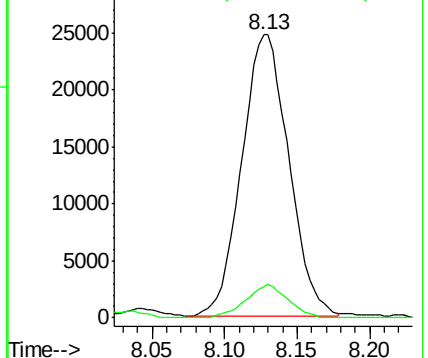


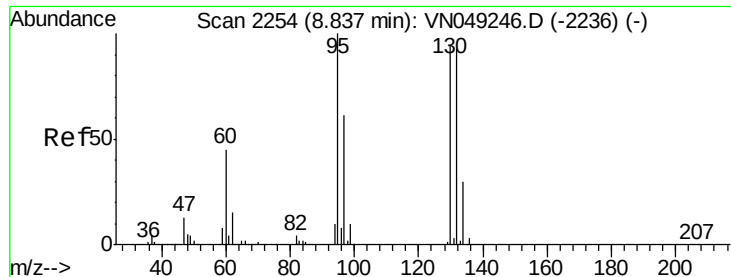
#36
1,2-Dichloroethane
Concen: 2.73 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tgt Ion:	62	Resp:	55656
Ion	Ratio	Lower	Upper
62	100		
98	10.6	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: 2.67 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049761.D

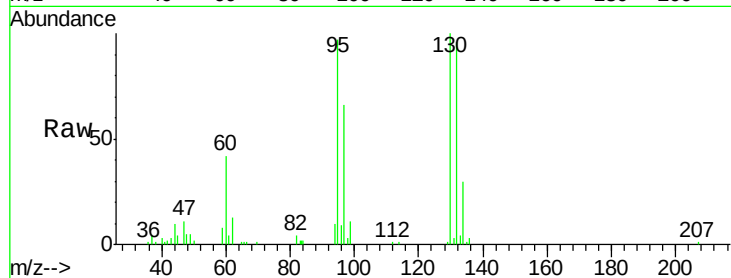
Acq: 11 Jul 2018 17:20

Tot Ion:130 Resp: 44353

Ion Ratio Lower Upper

130 100

95 96.4 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.84

25000

20000

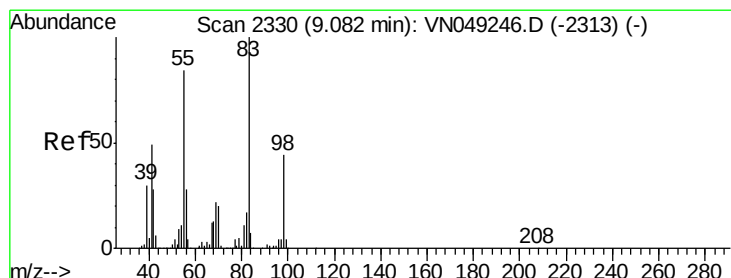
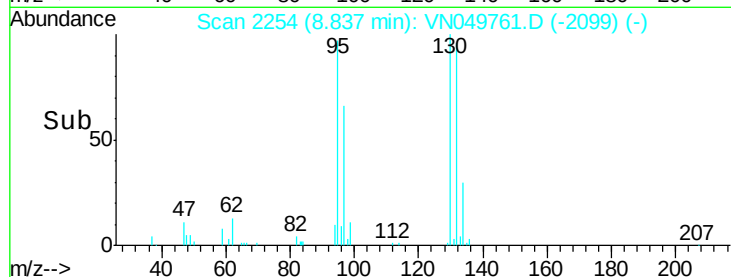
15000

10000

5000

0

Time-->



#38

Methylcyclohexane

Concen: 2.30 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

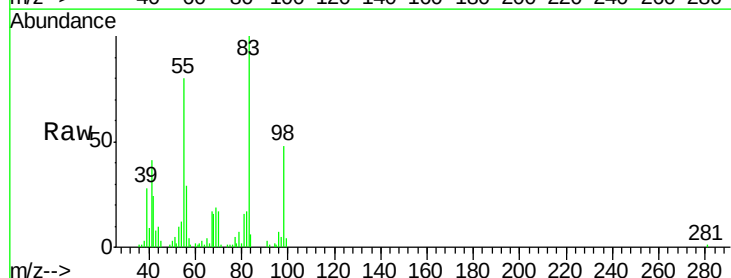
Tgt Ion: 83 Resp: 52777

Ion Ratio Lower Upper

83 100

55 78.6 39.3 117.8

98 46.4 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.08

30000

25000

20000

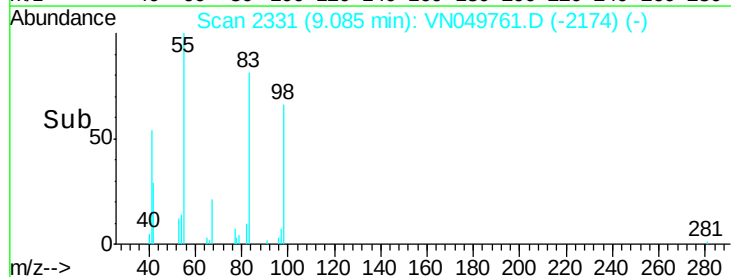
15000

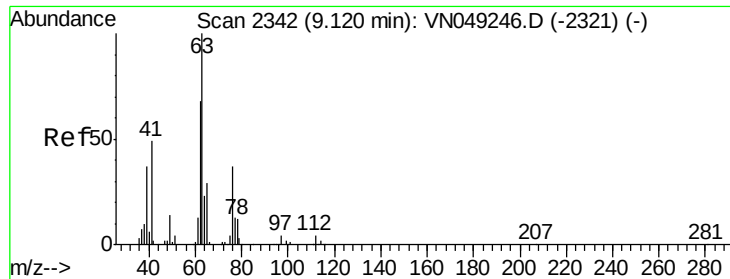
10000

5000

0

Time-->





#39

1,2-Dichloropropane

Concen: 2.69 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049761.D

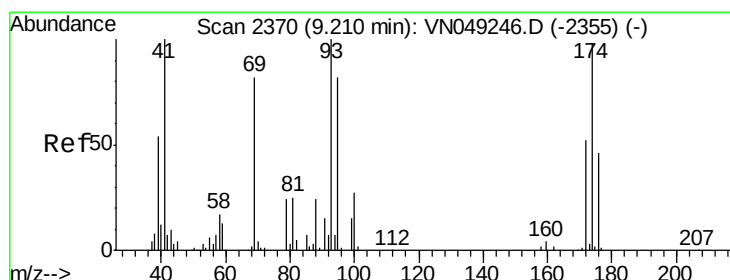
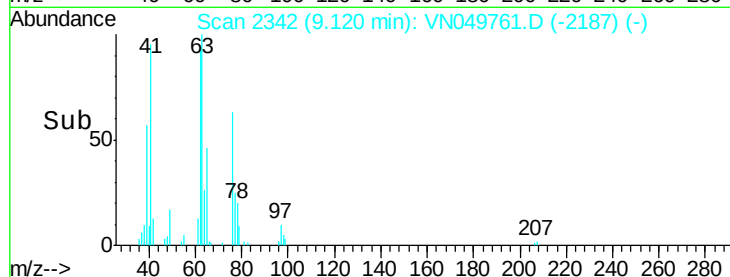
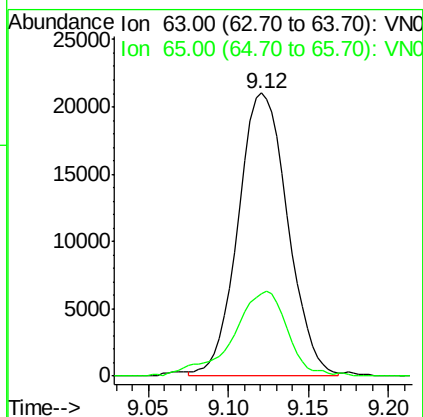
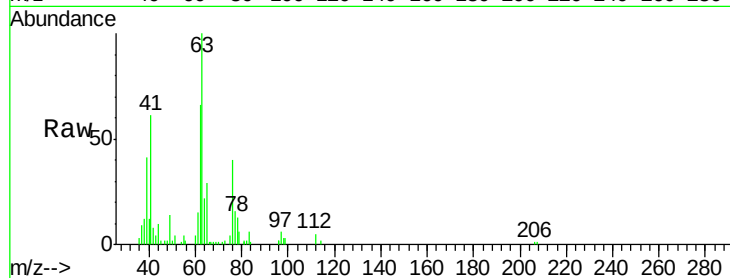
Acq: 11 Jul 2018 17:20

Tot Ion: 63 Resp: 44604

Ion Ratio Lower Upper

63 100

65 28.7 24.2 36.2



#40

Dibromomethane

Concen: 2.62 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

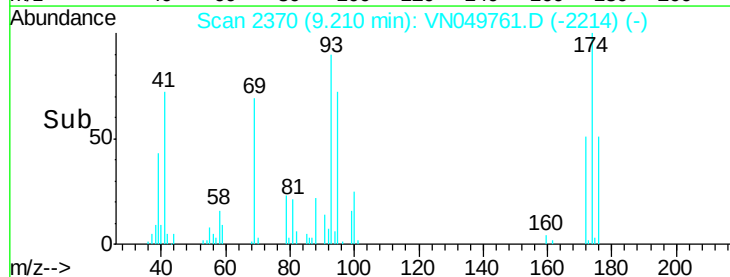
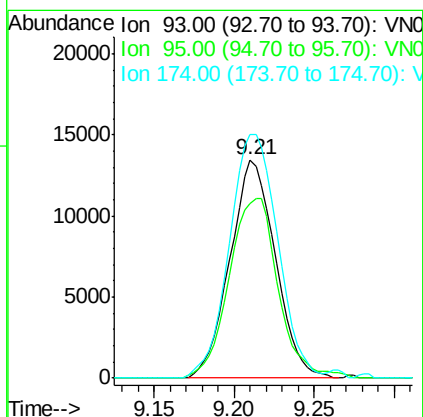
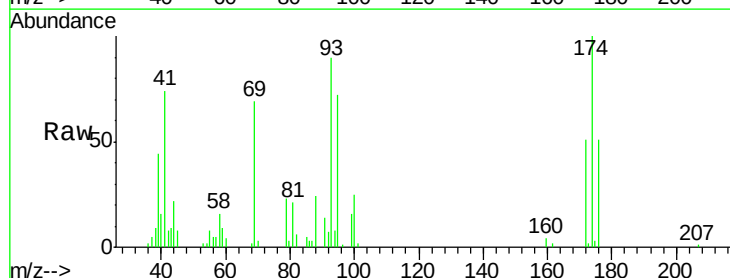
Tgt Ion: 93 Resp: 26085

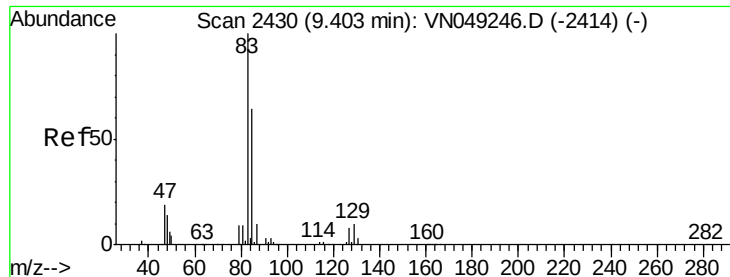
Ion Ratio Lower Upper

93 100

95 87.9 0.0 165.6

174 119.1 0.0 223.2





#41

Bromodichloromethane

Concen: 2.65 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

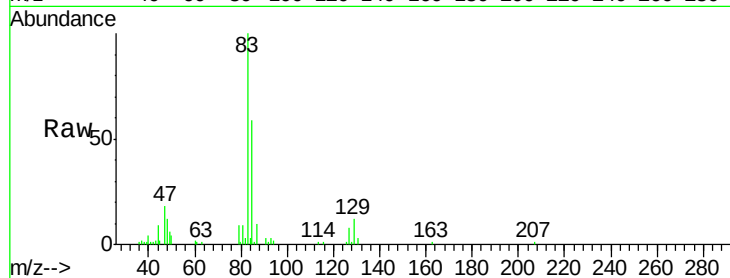
Tot Ion: 83 Resp: 56773

Ion Ratio Lower Upper

83 100

85 58.9 52.6 78.8

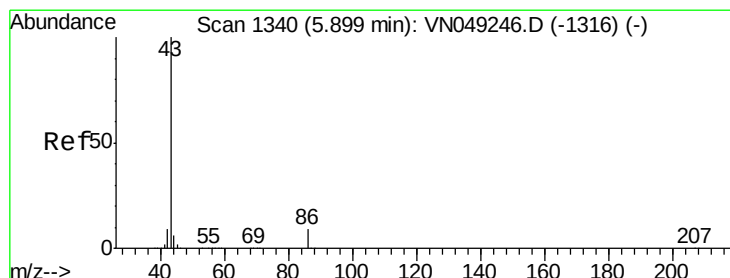
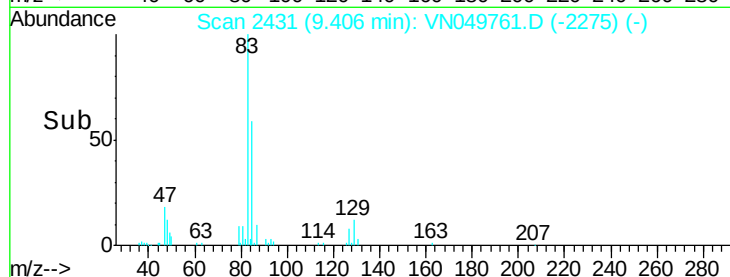
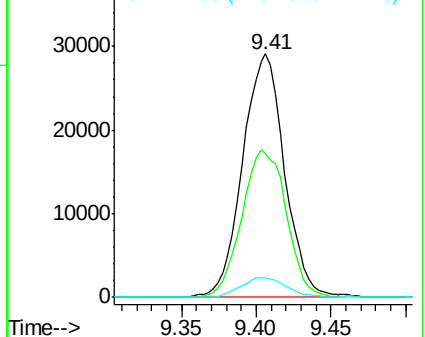
127 7.8 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN049761.D (-2275) (-)

Ion 85.00 (84.70 to 85.70): VN049761.D (-2275) (-)

Ion 127.00 (126.70 to 127.70): VN049761.D (-2275) (-)



#42

Vinyl Acetate

Concen: 11.44 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN049761.D

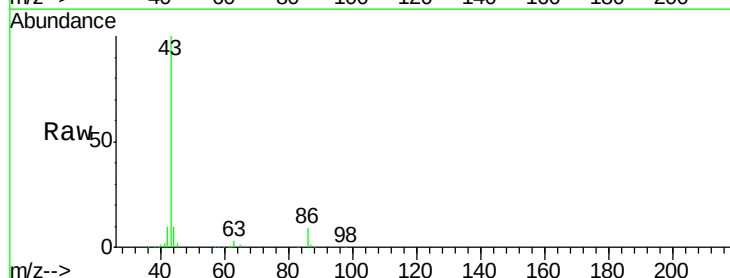
Acq: 11 Jul 2018 17:20

Tgt Ion: 43 Resp: 359465

Ion Ratio Lower Upper

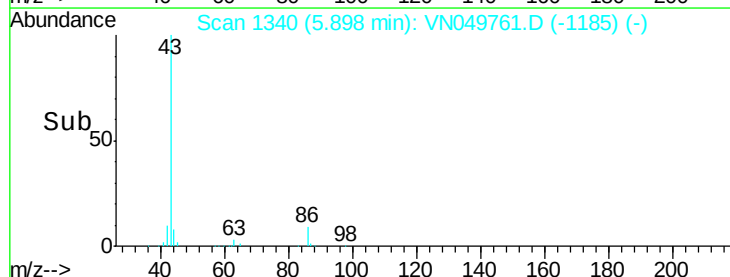
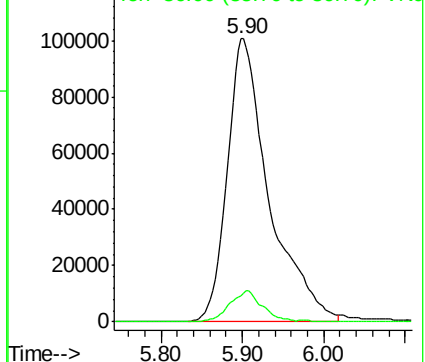
43 100

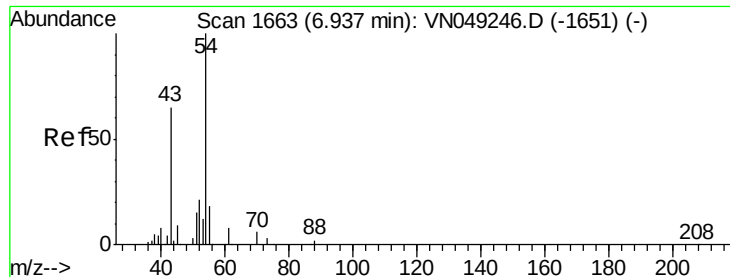
86 8.7 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN049761.D (-1185) (-)

Ion 86.00 (85.70 to 86.70): VN049761.D (-1185) (-)





#43

Ethyl Acetate

Concen: 2.40 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VN049761.D

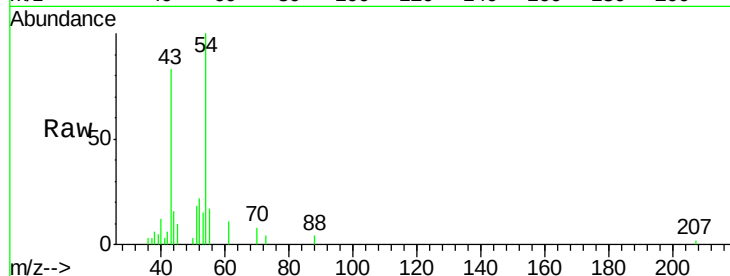
Acq: 11 Jul 2018 17:20

Tot Ion: 43 Resp: 29965

Ion Ratio Lower Upper

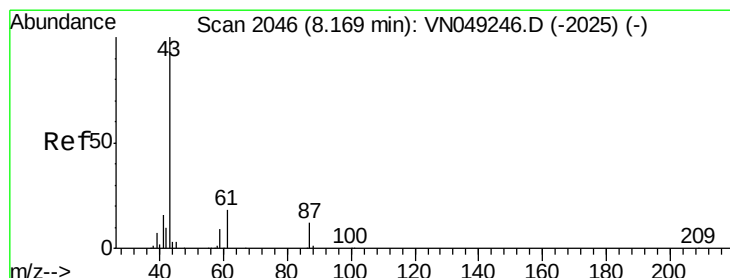
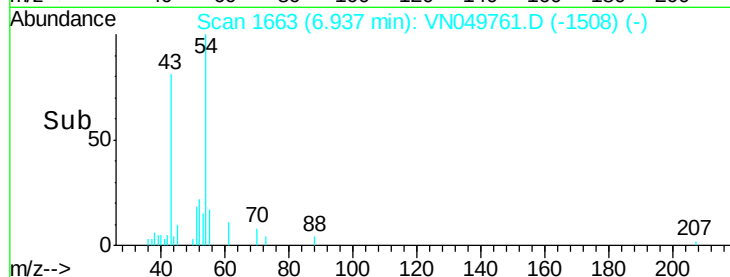
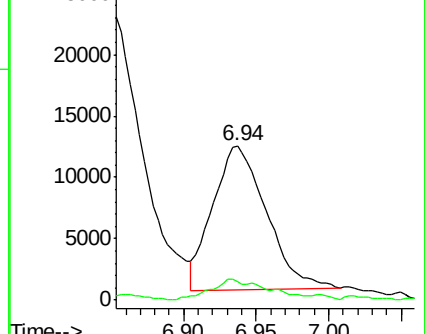
43 100

45 9.2 13.0 19.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 2.30 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049761.D

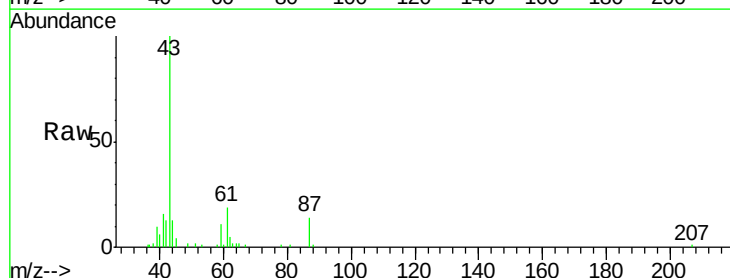
Acq: 11 Jul 2018 17:20

Tgt Ion: 43 Resp: 53900

Ion Ratio Lower Upper

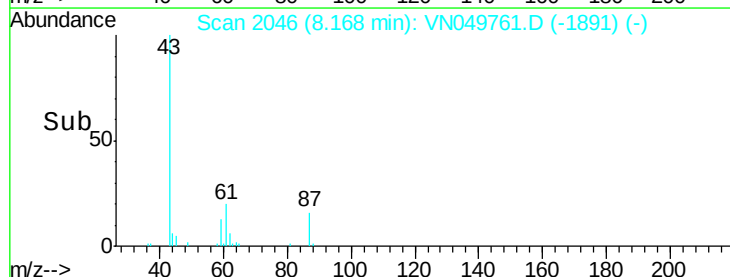
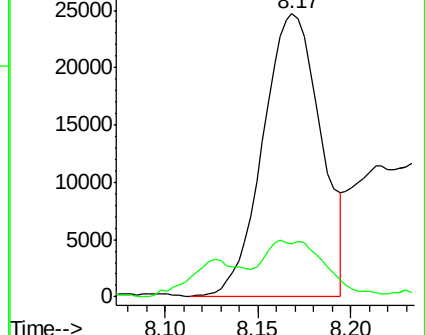
43 100

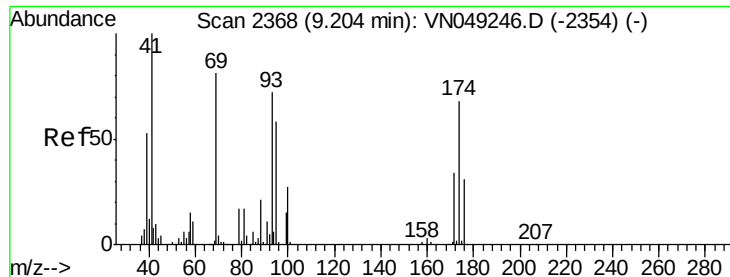
61 4.3 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 49.23 ug/l

RT: 9.20 min Scan# 2368

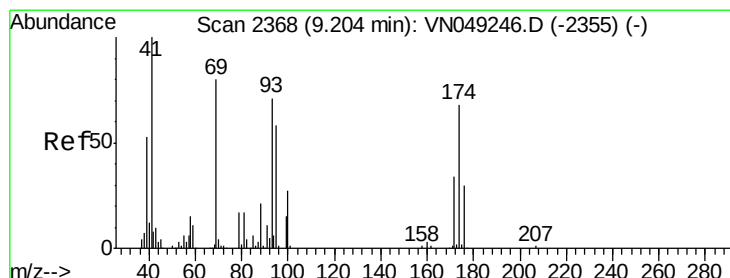
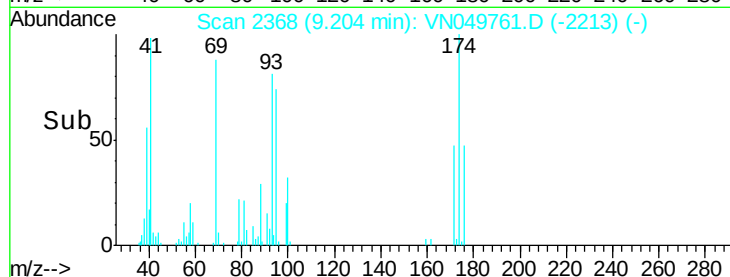
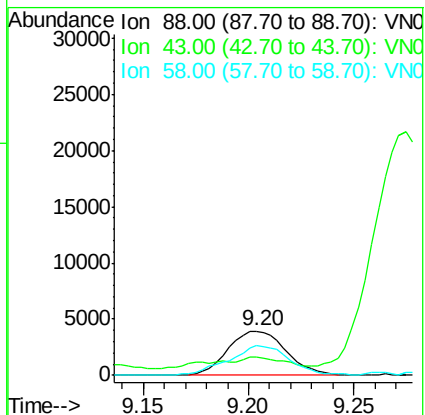
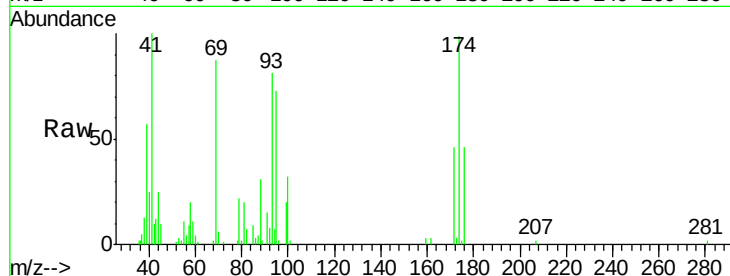
Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

Tot Ion: 88 Resp: 7579

Ion	Ratio	Lower	Upper
88	100		
43	12.9	26.9	40.3#
58	68.8	53.6	80.4



#46

Methyl methacrylate

Concen: 2.21 ug/l

RT: 9.20 min Scan# 2368

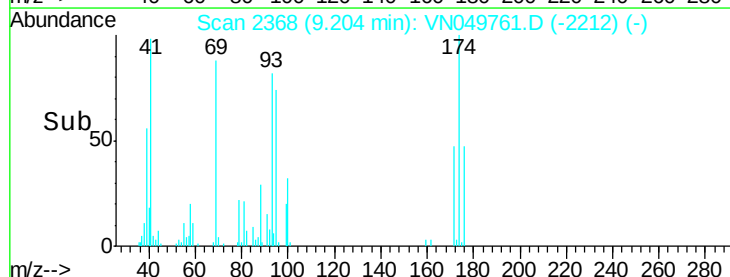
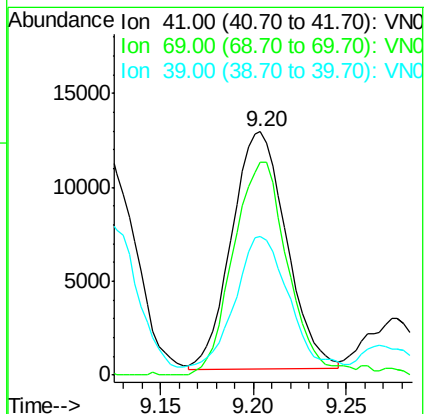
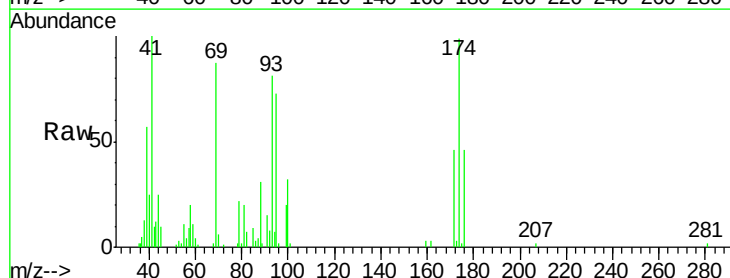
Delta R.T. -0.00 min

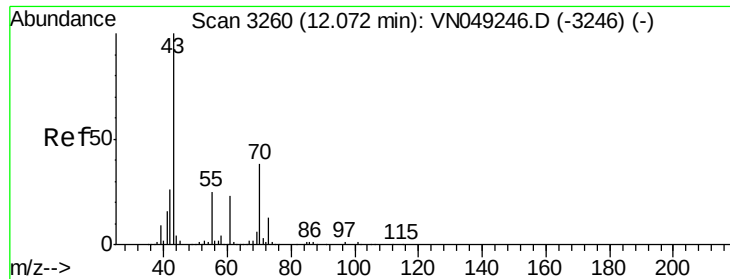
Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

Tgt Ion: 41 Resp: 25903

Ion	Ratio	Lower	Upper
41	100		
69	90.6	44.0	132.1
39	55.1	27.0	80.8





#47

n-amyl Acetate

Concen: 1.84 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN049761.D

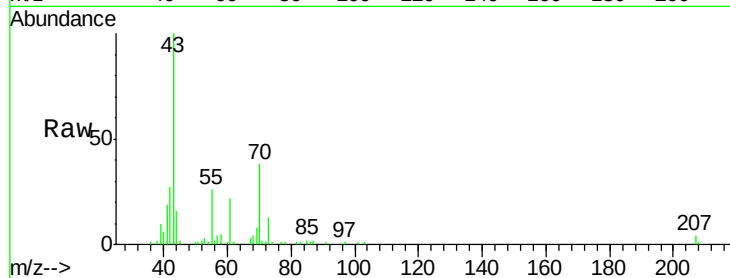
Acq: 11 Jul 2018 17:20

Tot Ion: 43 Resp: 36285

Ion Ratio Lower Upper

43 100

55 25.9 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

25000

20000

15000

10000

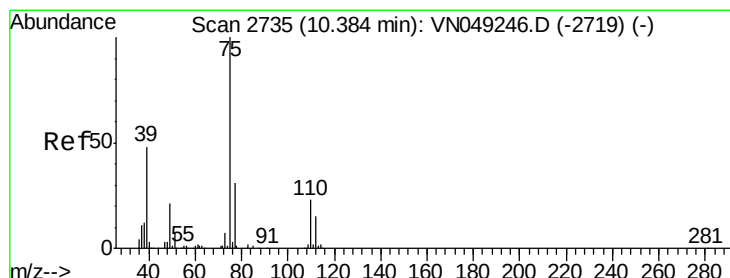
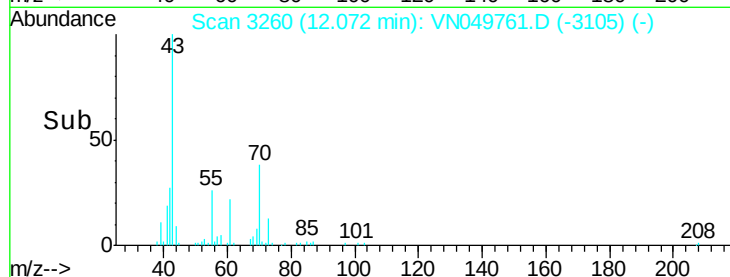
5000

0

Time-->

12.00

12.10



#48

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049761.D

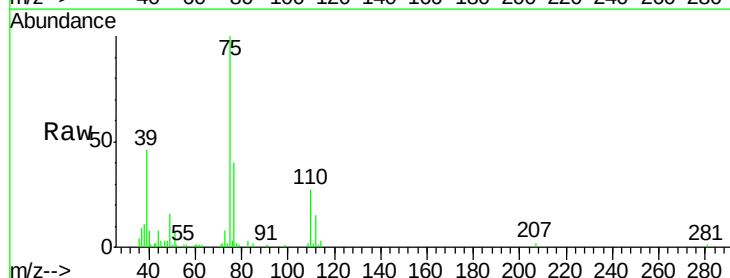
Acq: 11 Jul 2018 17:20

Tgt Ion: 75 Resp: 51825

Ion Ratio Lower Upper

75 100

77 36.9 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

30000

25000

20000

15000

10000

5000

0

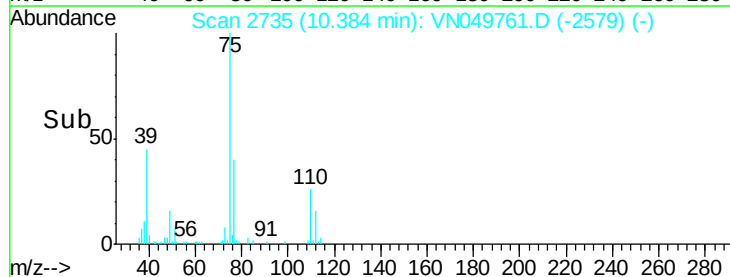
Time-->

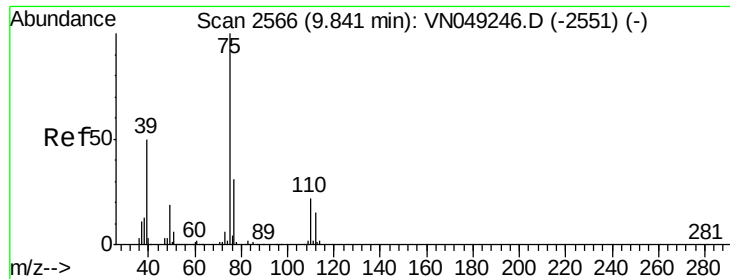
10.30

10.35

10.40

10.45

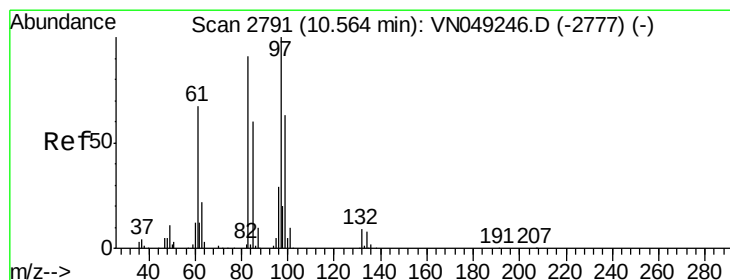
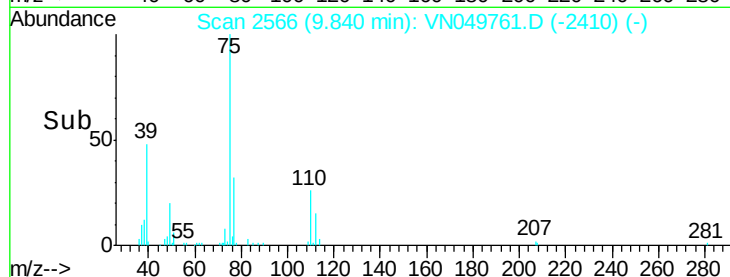
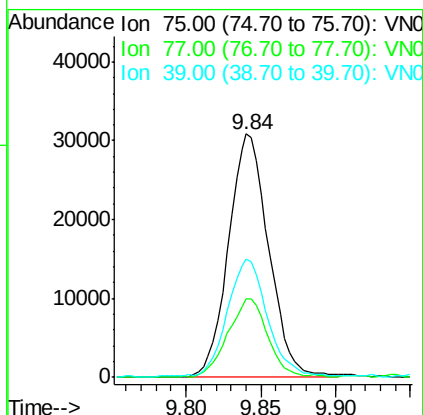
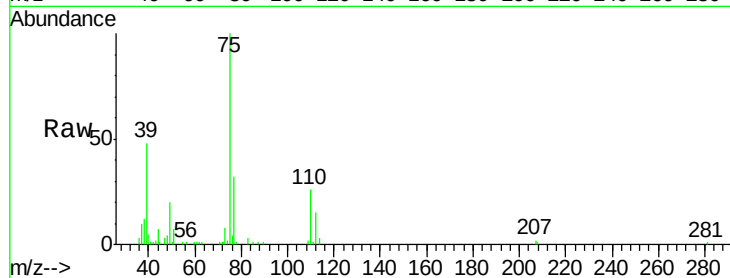




#49

cis-1,3-Dichloropropene
Concen: 2.32 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

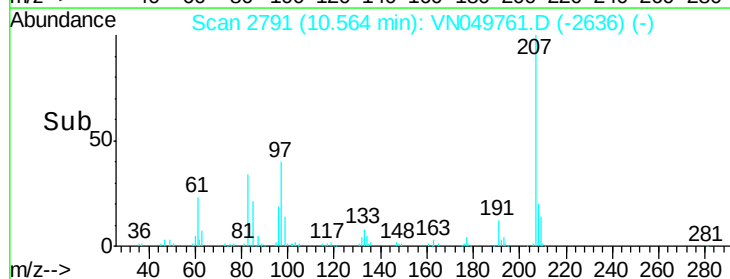
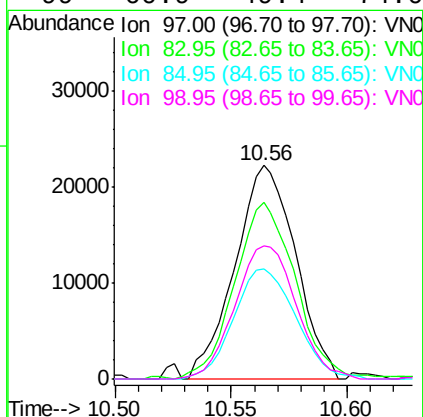
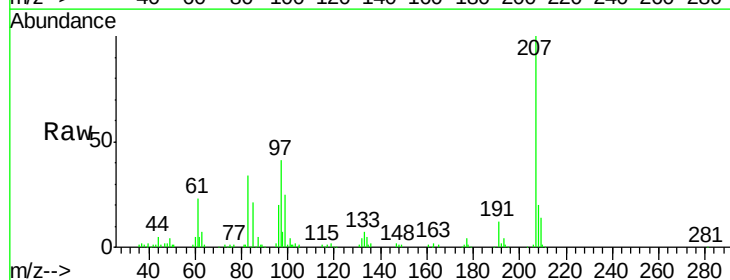
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.7	38.5
39	47.9	36.3	54.5

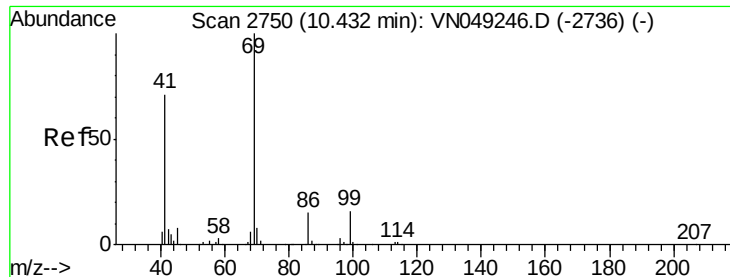


#50

1,1,2-Trichloroethane
Concen: 2.79 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.1	68.1	102.1
85	50.3	45.4	68.2
99	60.9	49.4	74.0





#51

Ethyl methacrylate

Concen: 2.09 ug/l

RT: 10.43 min Scan# 2750

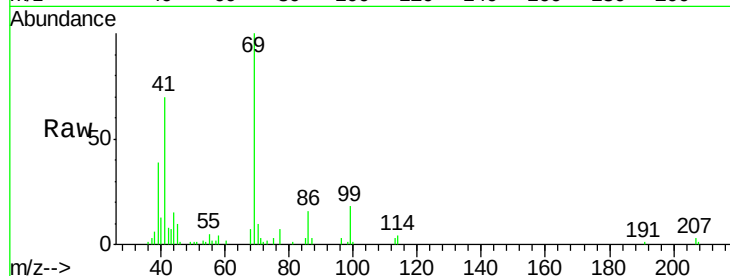
Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

Tot Ion: 69 Resp: 36864

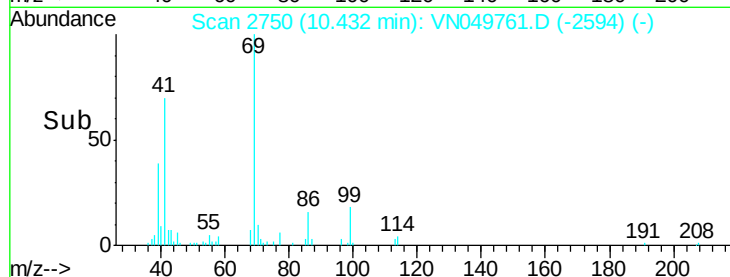
Ion	Ratio	Lower	Upper
69	100		
41	67.8	31.9	95.9
39	36.6	16.7	50.1



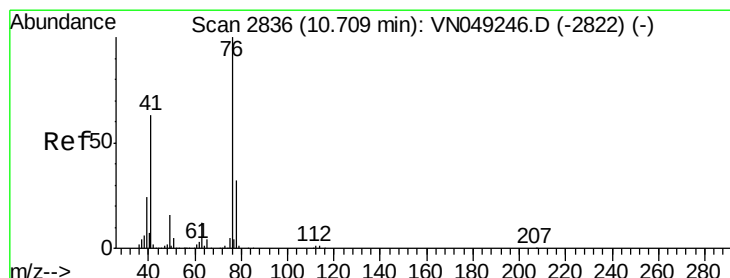
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->



#52

1,3-Dichloropropane

Concen: 2.65 ug/l

RT: 10.71 min Scan# 2836

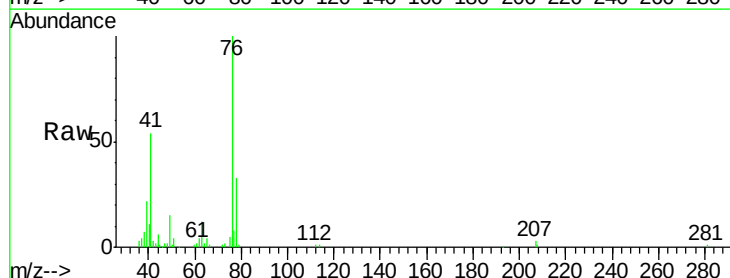
Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

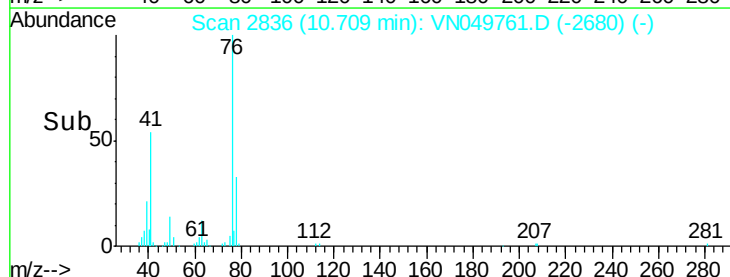
Tgt Ion: 76 Resp: 63000

Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	65.6

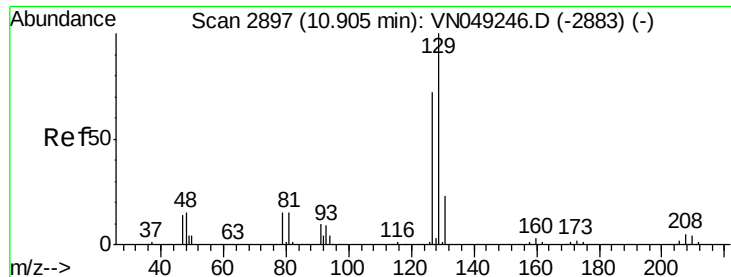


Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

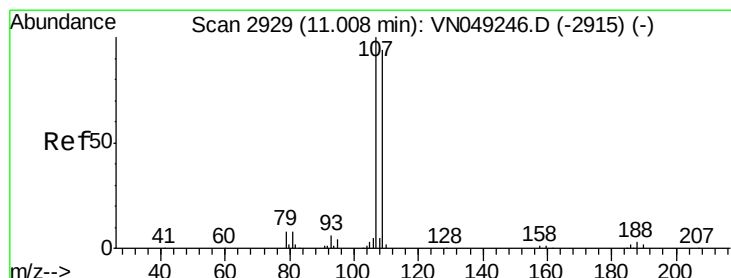
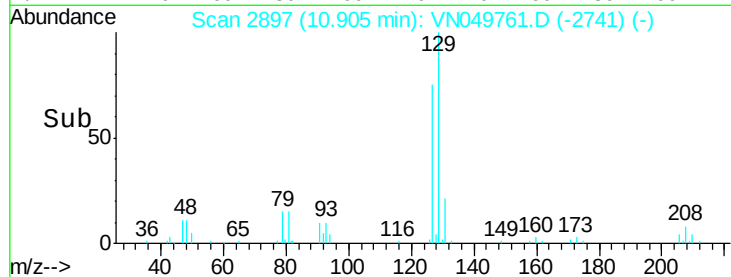
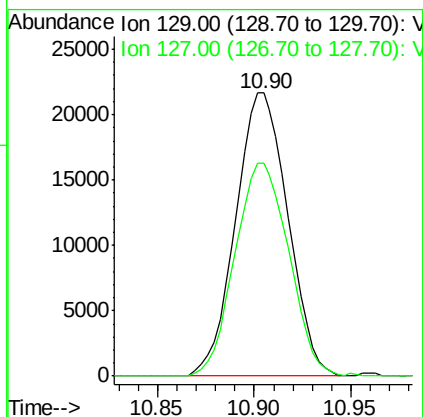
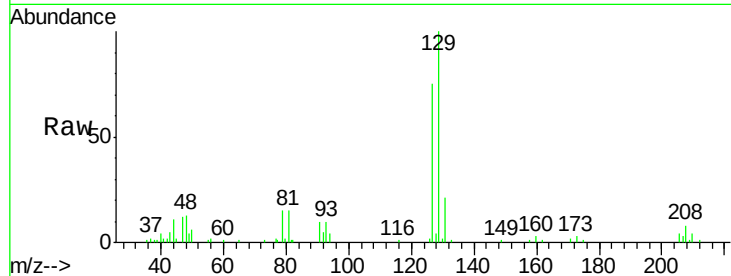


Time-->



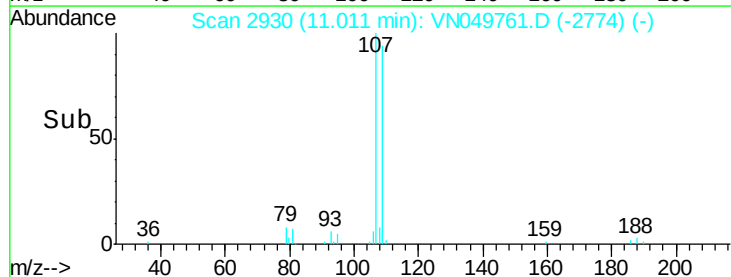
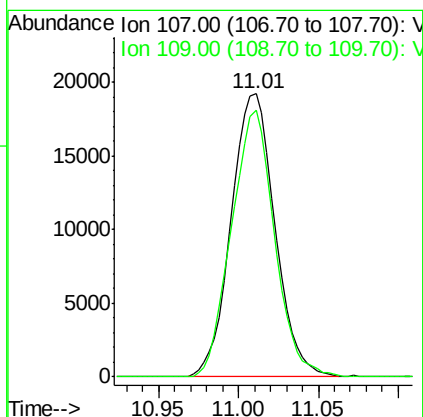
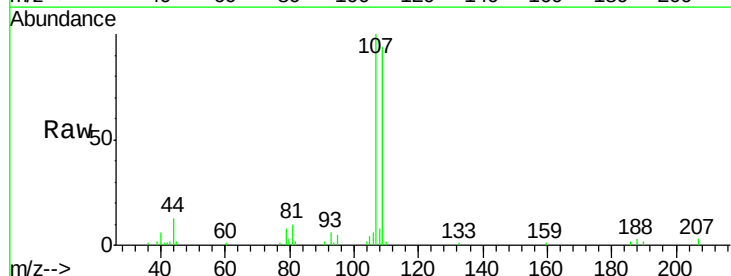
#53
Dibromochloromethane
Concen: 2.48 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

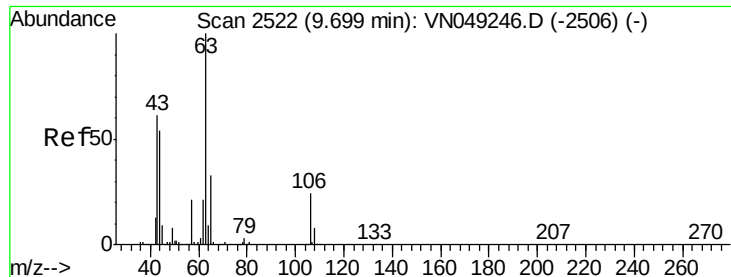
Tot Ion:129 Resp: 40576
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5



#54
1,2-Dibromoethane
Concen: 2.55 ug/l
RT: 11.01 min Scan# 2930
Delta R.T. 0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

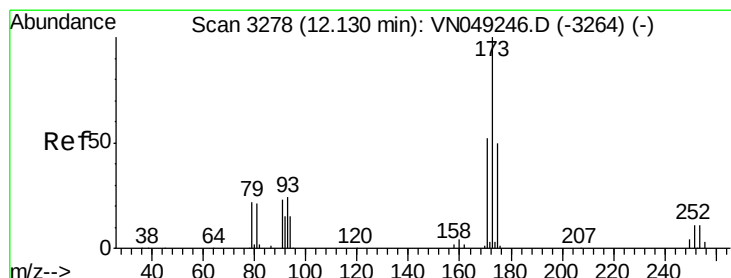
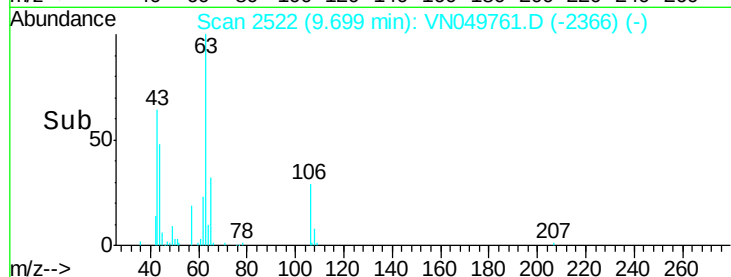
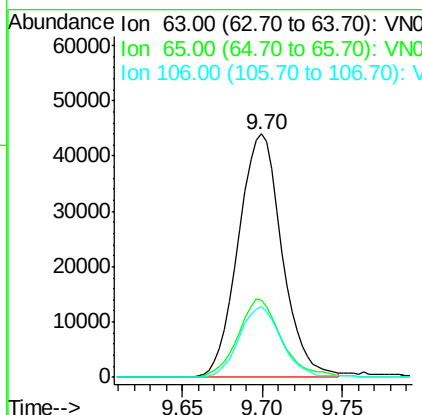
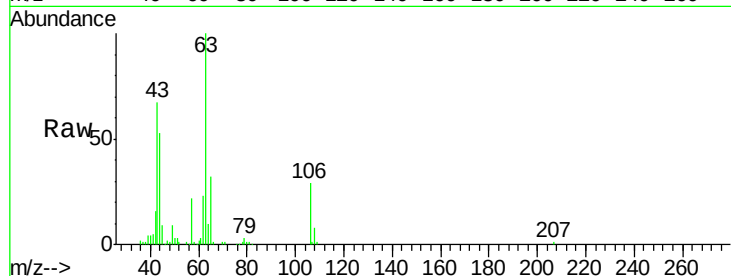
Tgt Ion:107 Resp: 35899
Ion Ratio Lower Upper
107 100
109 92.4 76.2 114.2





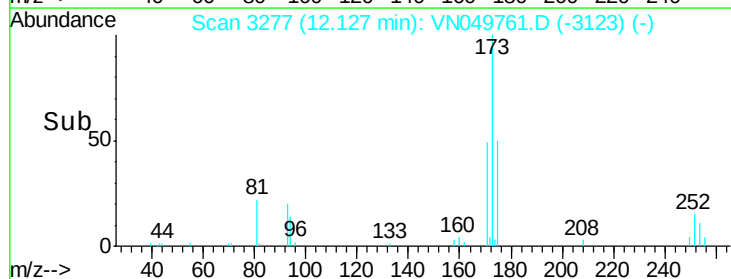
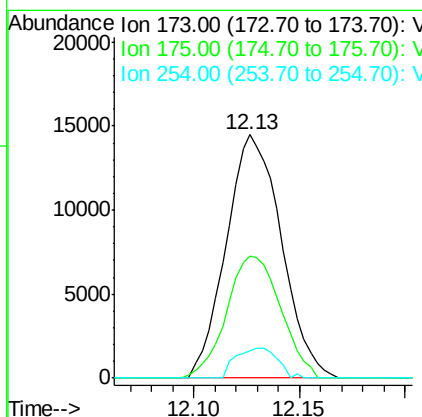
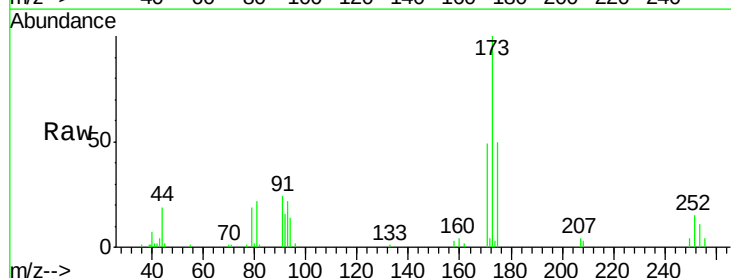
#55
2-Chloroethyl vinyl ether
Concen: 9.17 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

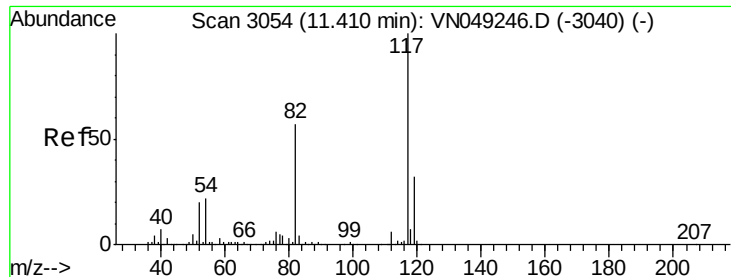
Tot Ion	63	Resp	82452
Ion Ratio	Lower	Upper	
63	100		
65	31.9	25.5	38.3
106	27.7	21.8	32.6



#56
Bromoform
Concen: 2.35 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tgt Ion	173	Resp	26294
Ion Ratio	Lower	Upper	
173	100		
175	49.1	38.6	57.8
254	9.2	8.8	13.2

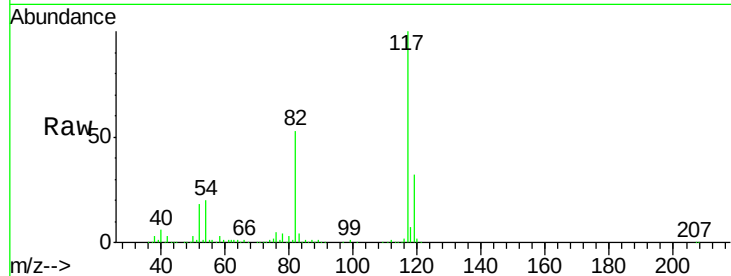




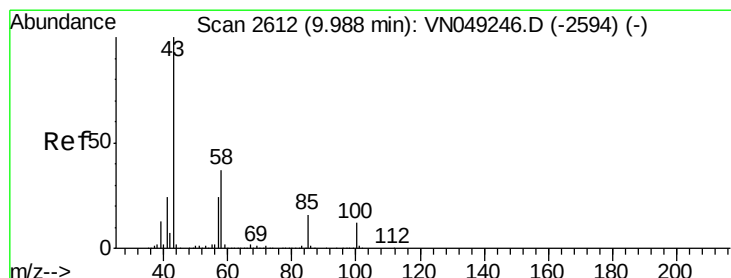
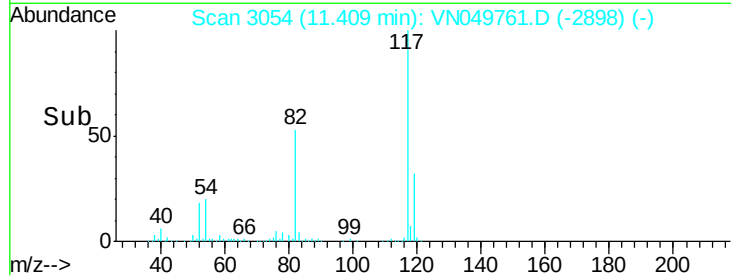
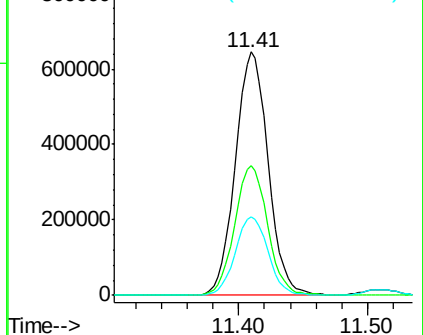
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tot Ion:117 Resp: 1141963

Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.4	63.6
119	32.4	25.4	38.0



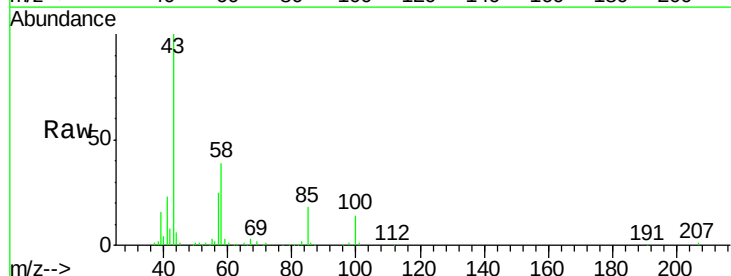
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



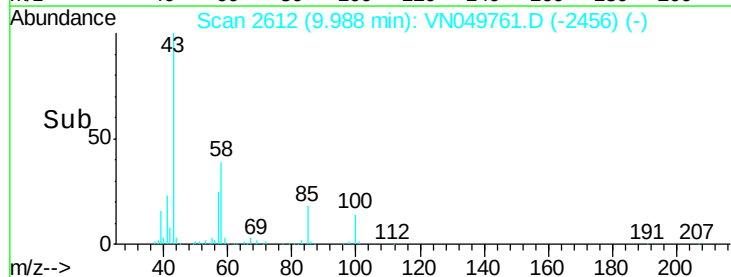
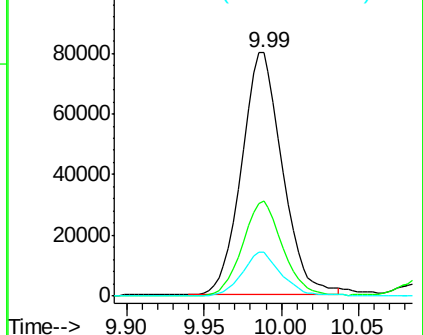
#58
4-Methyl-2-Pentanone
Concen: 11.81 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

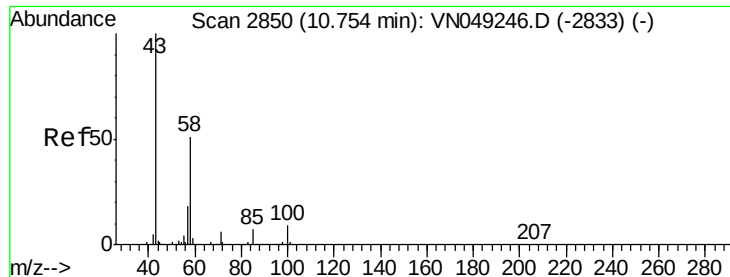
Tgt Ion: 43 Resp: 146597

Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.2	46.8
85	17.6	14.4	21.6



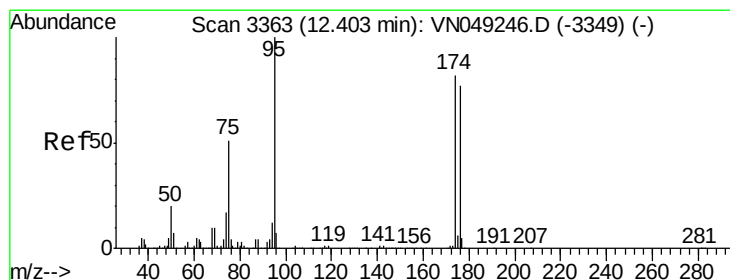
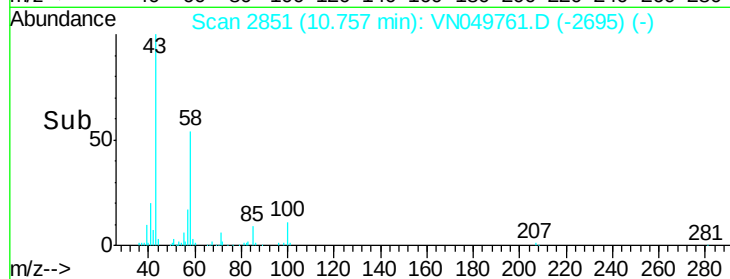
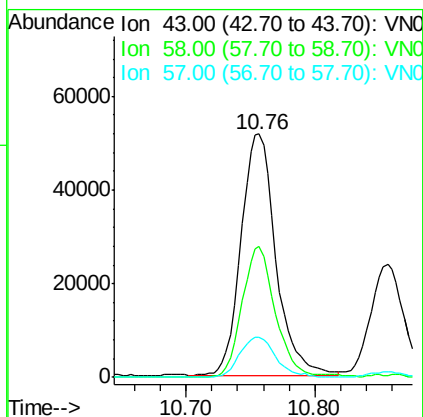
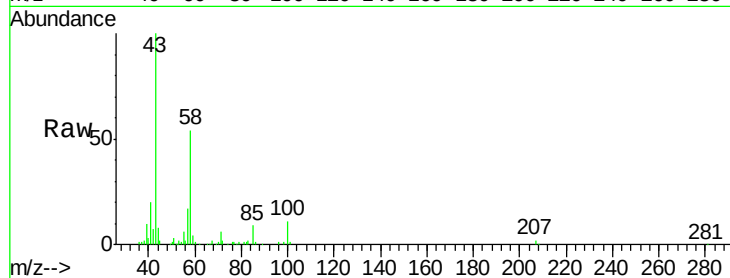
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





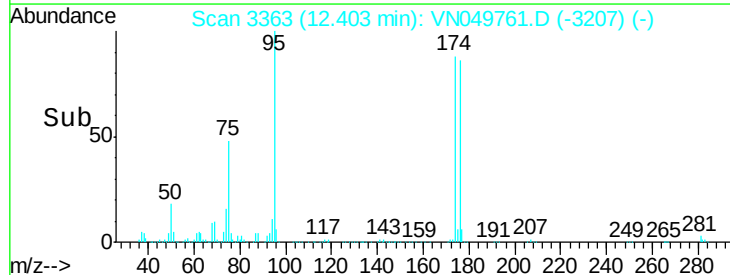
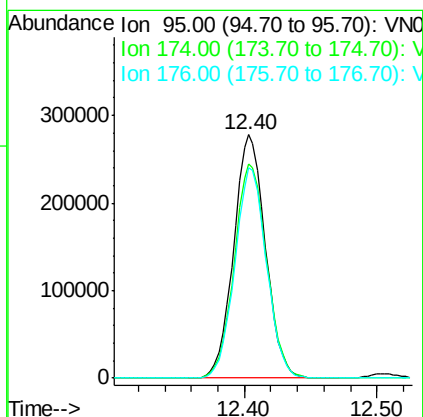
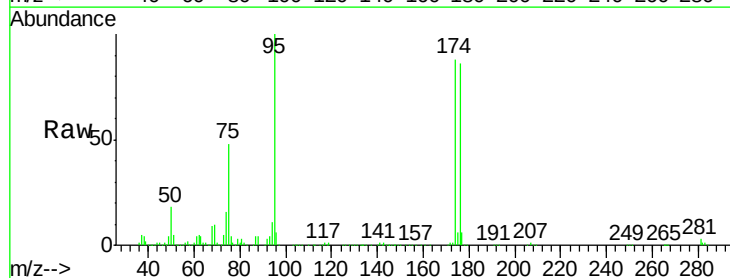
#59
2-Hexanone
Concen: 11.60 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

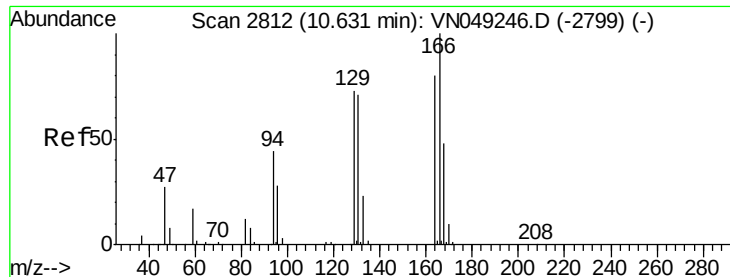
Tot Ion: 43 Resp: 96913
Ion Ratio Lower Upper
43 100
58 51.5 43.8 65.8
57 16.8 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 26.14 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tgt Ion: 95 Resp: 460745
Ion Ratio Lower Upper
95 100
174 90.1 72.3 108.5
176 86.2 70.0 105.0





#61

Tetrachloroethene

Concen: 2.77 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

Tot Ion:164 Resp: 39648

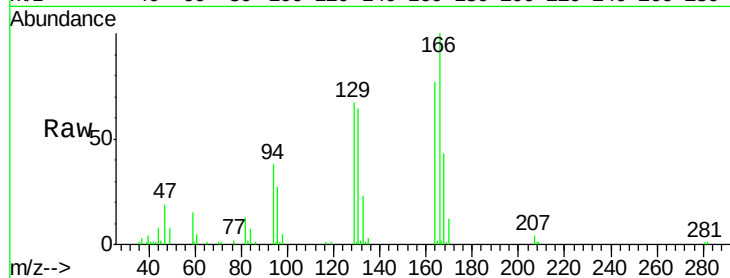
Ion Ratio Lower Upper

164 100

166 131.7 100.0 150.0

129 88.0 69.3 103.9

131 84.3 68.8 103.2

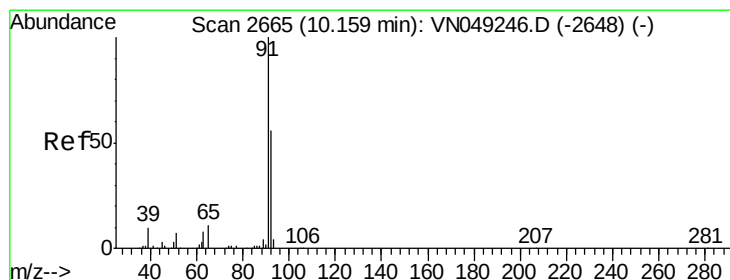
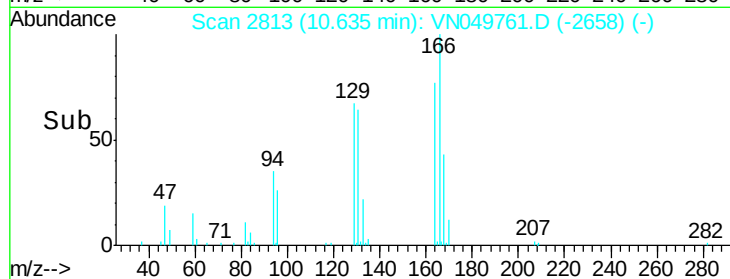
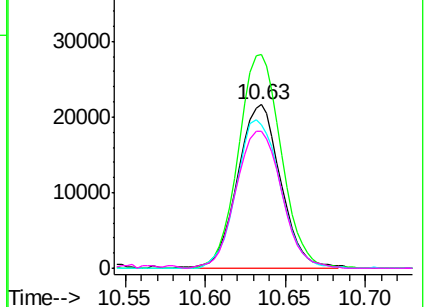


Abundance Ion 163.85 (163.55 to 164.55): V

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: 2.70 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.00 min

Lab File: VN049761.D

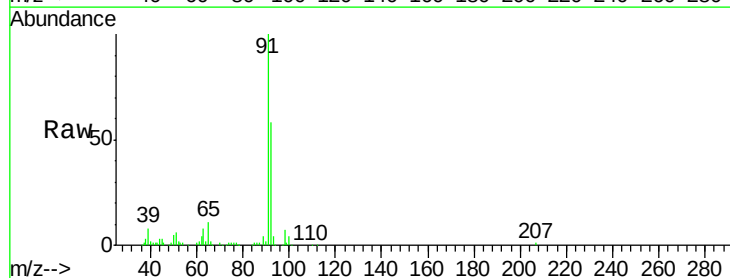
Acq: 11 Jul 2018 17:20

Tgt Ion: 91 Resp: 177022

Ion Ratio Lower Upper

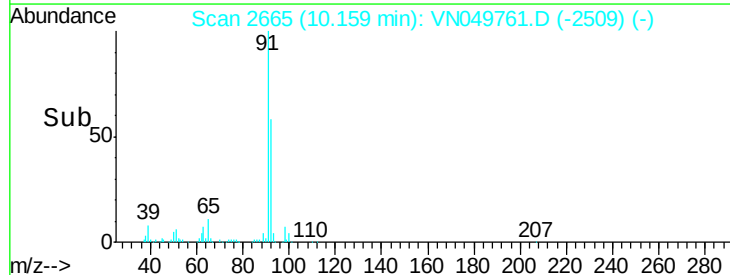
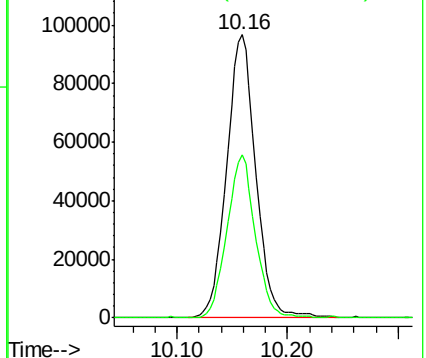
91 100

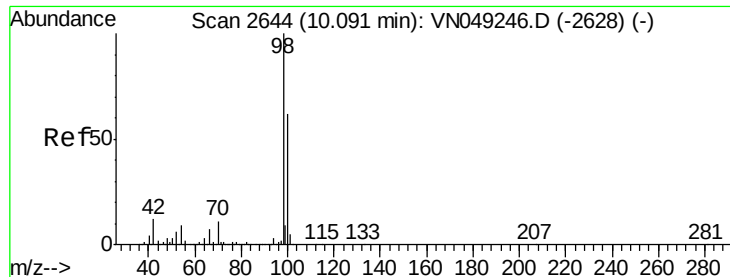
92 56.1 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.25 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049761.D

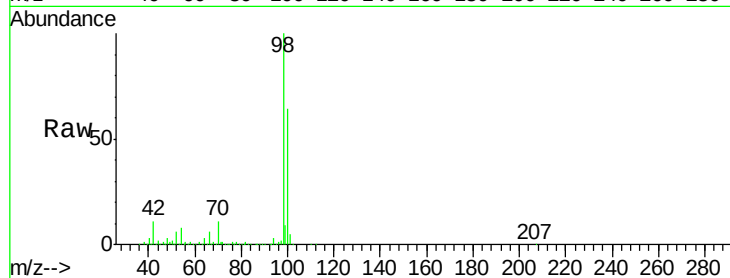
Acq: 11 Jul 2018 17:20

Tot Ion: 98 Resp: 1613980

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1000000

800000

600000

400000

200000

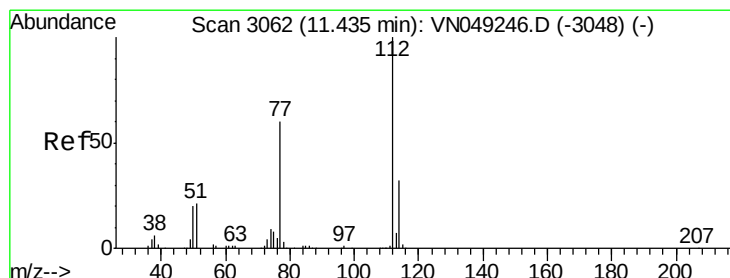
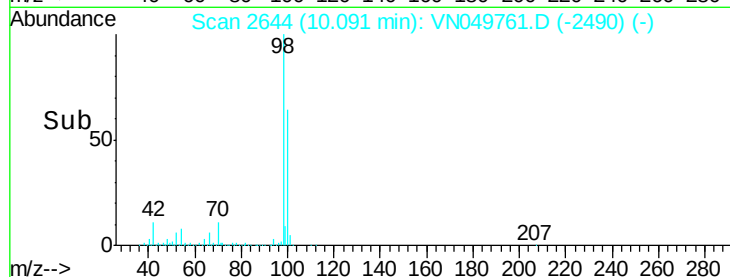
0

10.09

10.10

10.20

Time-->



#64

Chlorobenzene

Concen: 2.68 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049761.D

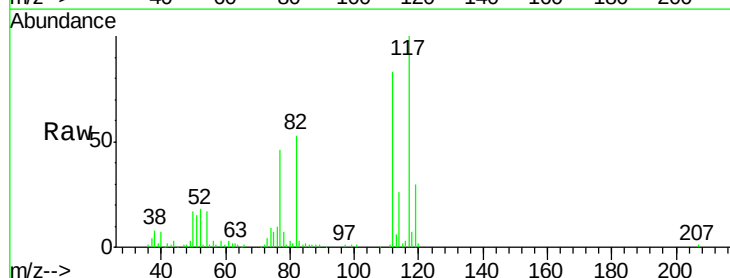
Acq: 11 Jul 2018 17:20

Tgt Ion: 112 Resp: 107650

Ion Ratio Lower Upper

112 100

114 31.4 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

60000

40000

20000

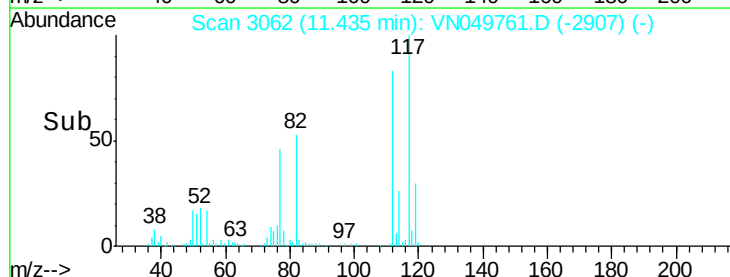
0

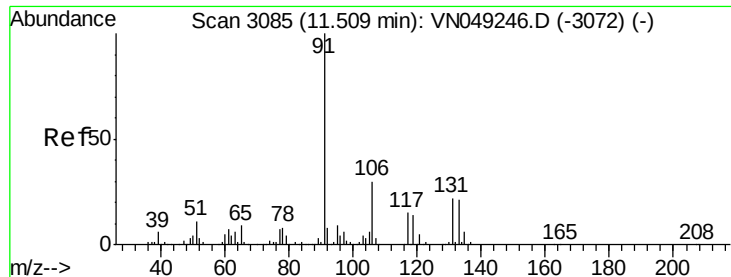
11.44

11.45

11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 2.67 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

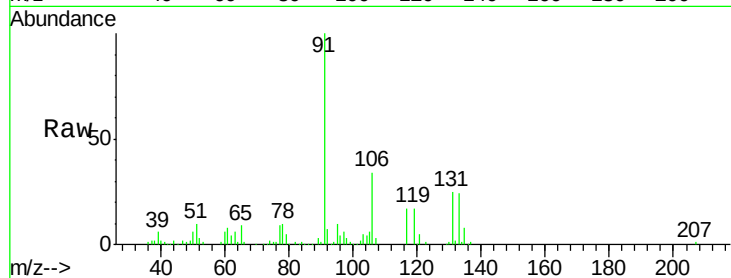
Tot Ion:131 Resp: 40697

Ion Ratio Lower Upper

131 100

133 96.7 0.0 190.0

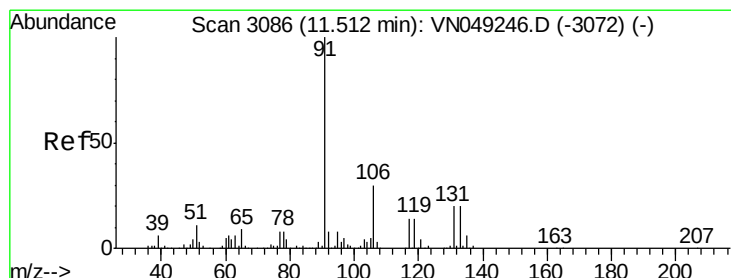
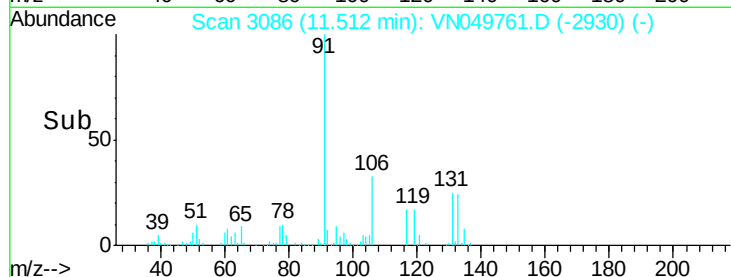
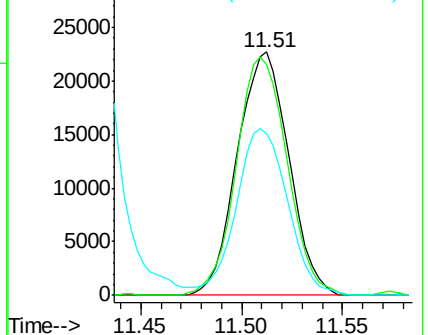
119 68.3 0.0 131.6



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: 2.28 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VN049761.D

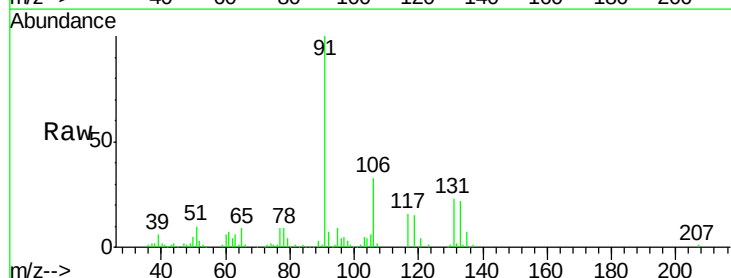
Acq: 11 Jul 2018 17:20

Tgt Ion: 91 Resp: 156284

Ion Ratio Lower Upper

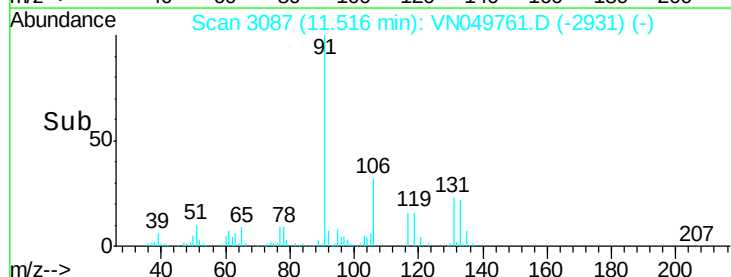
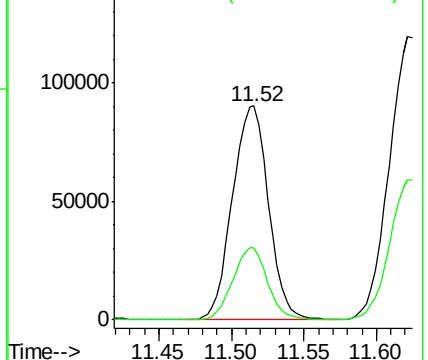
91 100

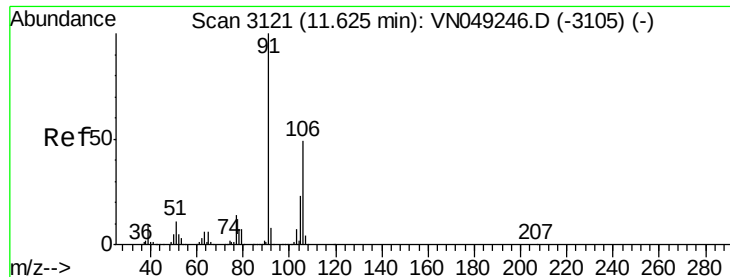
106 33.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

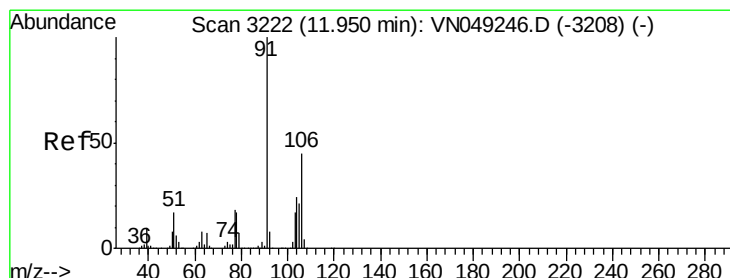
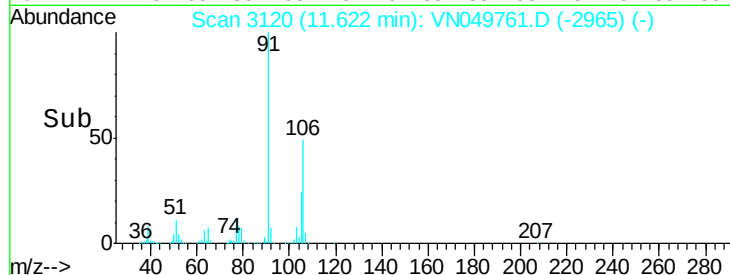
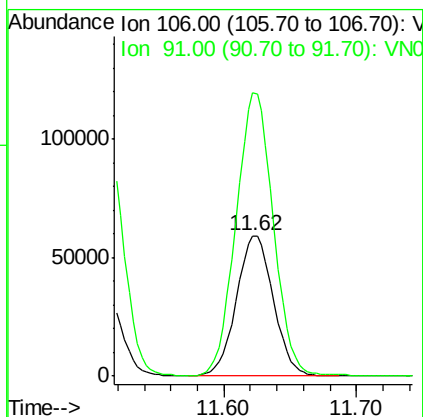
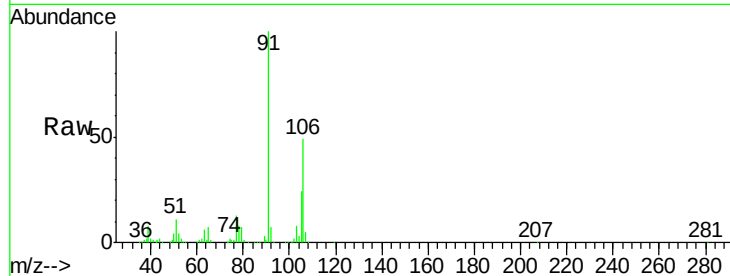
Ion 106.00 (105.70 to 106.70): V





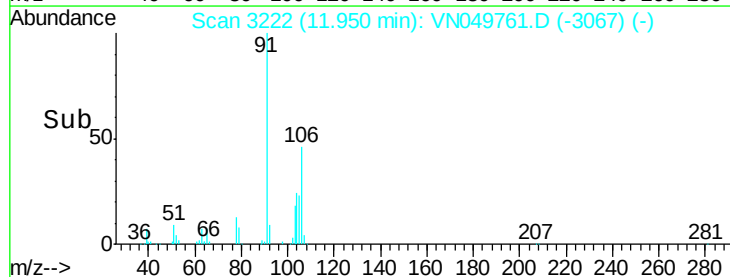
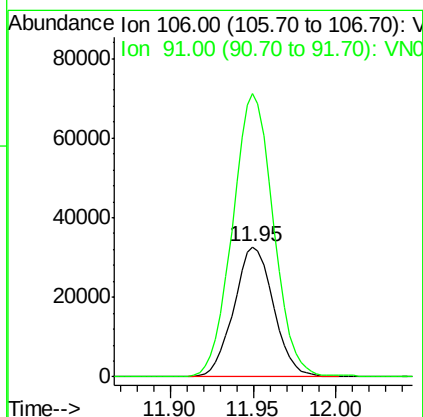
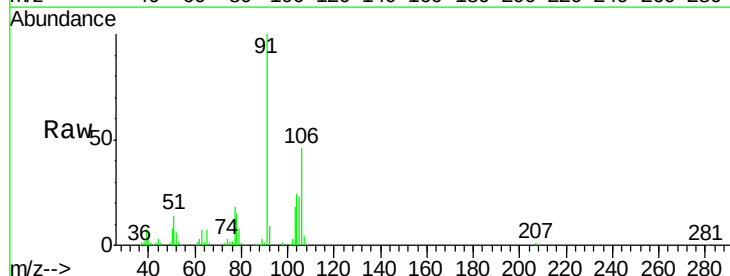
#67
m/p-Xylenes
Concen: 4.34 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

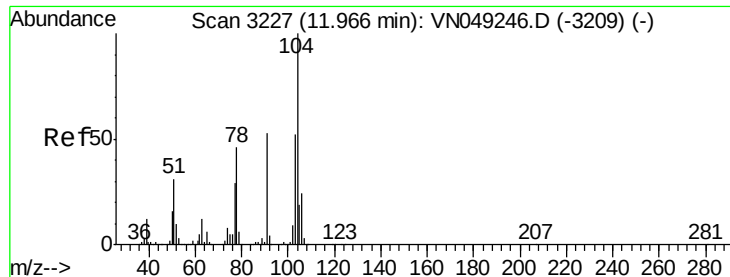
Tot Ion:106 Resp: 114529
Ion Ratio Lower Upper
106 100
91 202.1 162.5 243.7



#68
o-Xylene
Concen: 2.15 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

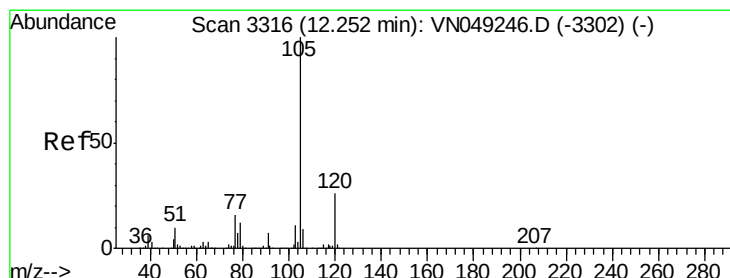
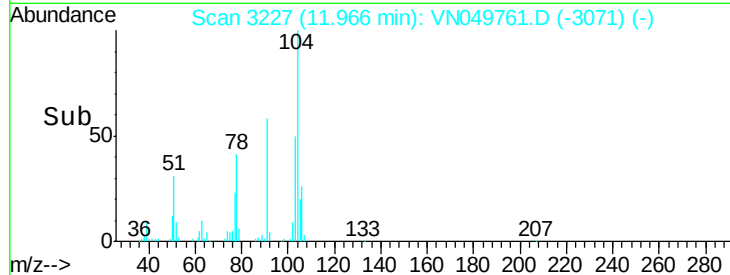
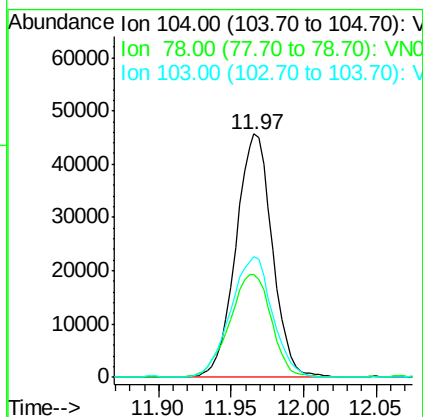
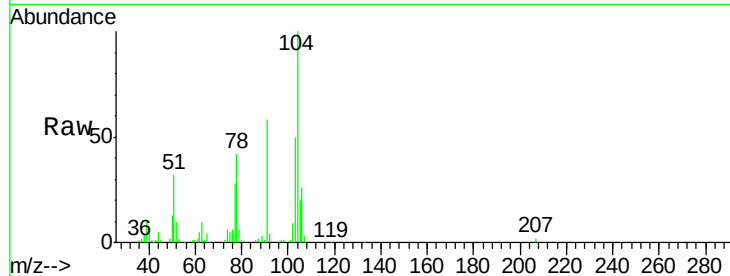
Tgt Ion:106 Resp: 54274
Ion Ratio Lower Upper
106 100
91 224.7 106.8 320.4





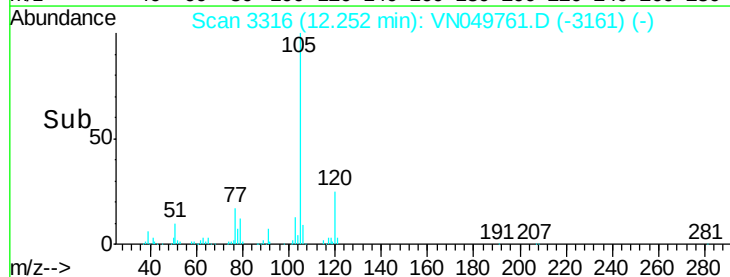
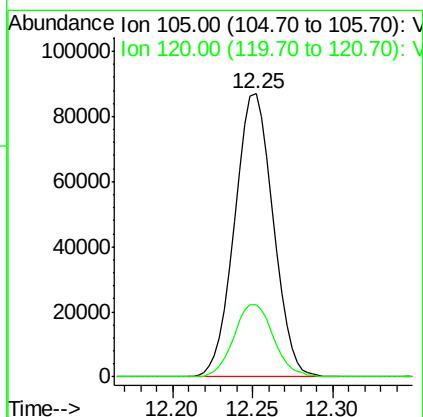
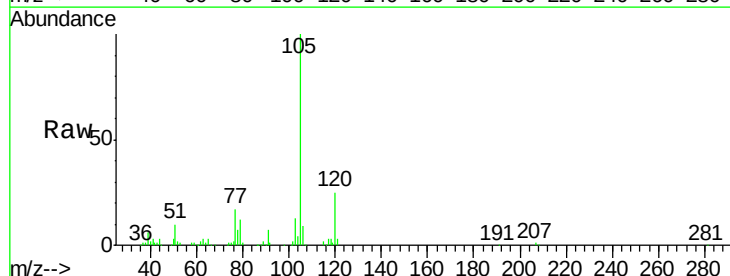
#69
 Stvrene
 Concen: 1.98 ug/l
 RT: 11.97 min Scan# 3227
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

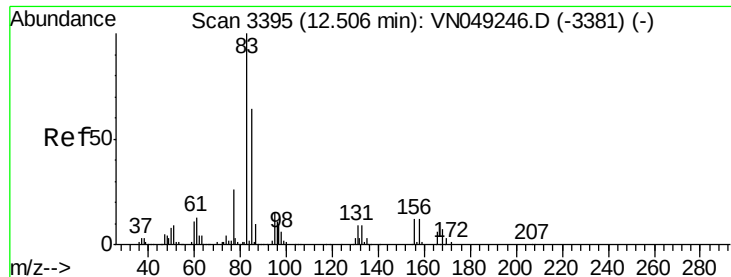
Tot Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.6	39.3	58.9
103	103	57.0	44.5	66.7



#70
 Isopropylbenzene
 Concen: 2.13 ug/l
 RT: 12.25 min Scan# 3316
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
105	105	100		
120	120	26.3	18.9	35.1





#71

1,1,2,2-Tetrachloroethane

Concen: 2.68 ug/l

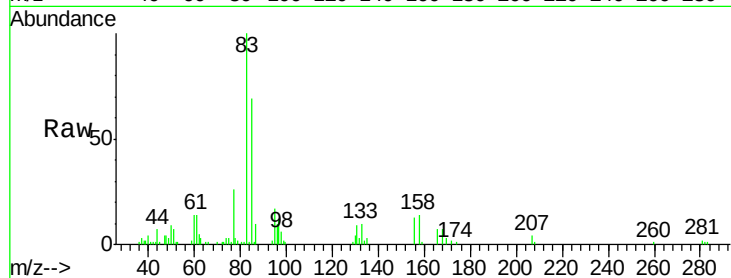
RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

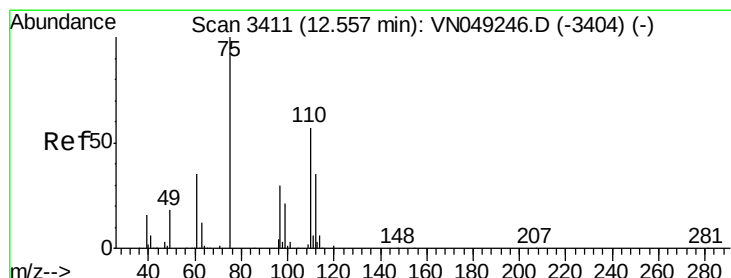
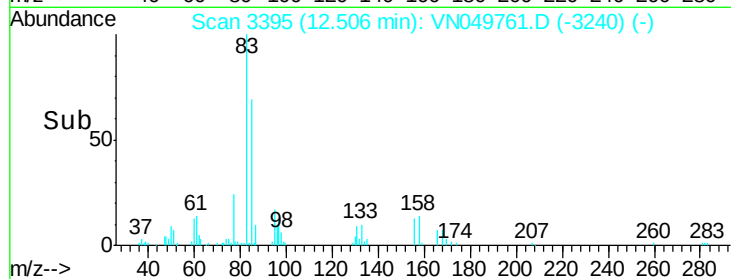
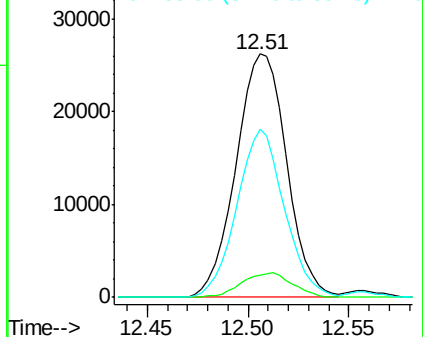
Tot Ion:	83	Resp:	46025
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.2	15.6
85	64.8	31.7	95.1



Abundance Ion 83.00 (82.70 to 83.70): VN049761.D (-3240) (-)

Ion 131.00 (130.70 to 131.70): VN049761.D (-3240) (-)

Ion 85.00 (84.70 to 85.70): VN049761.D (-3240) (-)



#72

1,2,3-Trichloropropane

Concen: 2.64 ug/l m

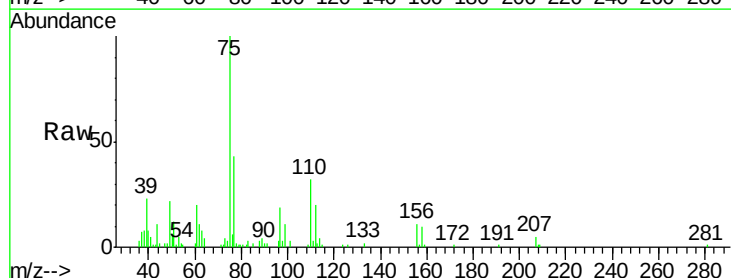
RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049761.D

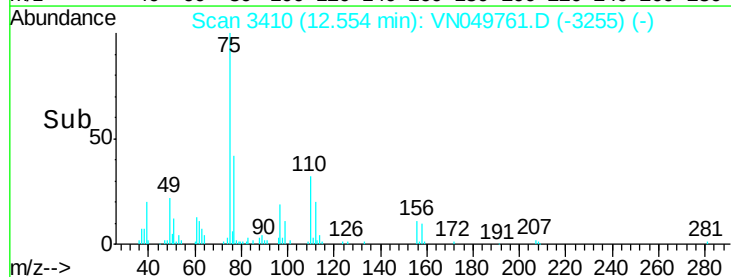
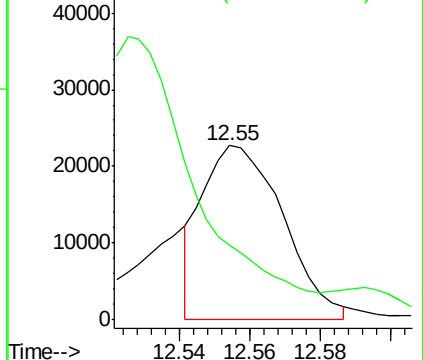
Acq: 11 Jul 2018 17:20

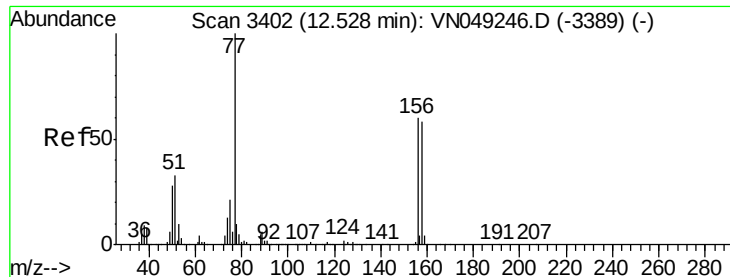
Tgt Ion:	75	Resp:	36295
Ion	Ratio	Lower	Upper
75	100		
77	212.4	0.0	454.4



Abundance Ion 75.00 (74.70 to 75.70): VN049761.D (-3255) (-)

Ion 77.00 (76.70 to 77.70): VN049761.D (-3255) (-)





#73

Bromobenzene

Concen: 2.38 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

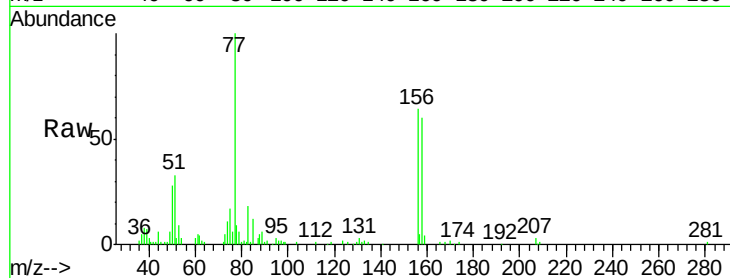
Tot Ion:156 Resp: 41692

Ion Ratio Lower Upper

156 100

77 184.9 0.0 359.8

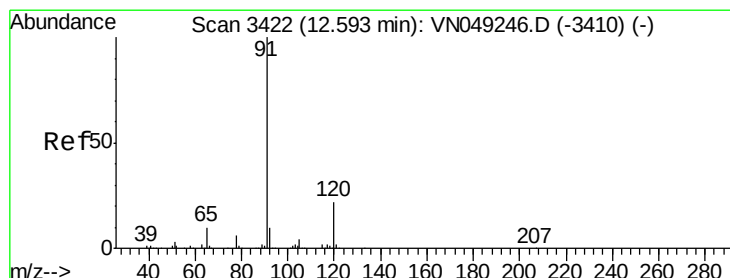
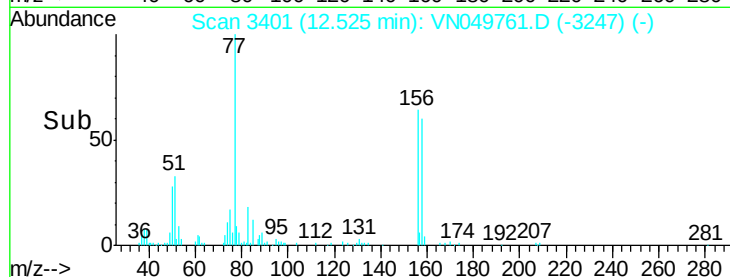
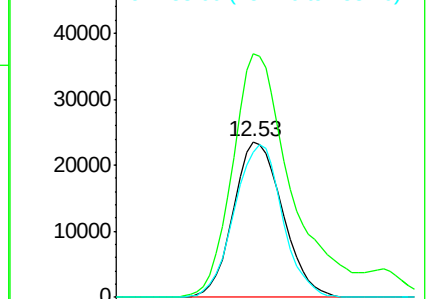
158 96.1 0.0 192.8



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: 2.11 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049761.D

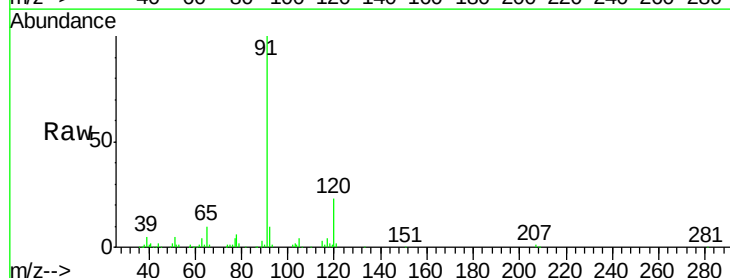
Acq: 11 Jul 2018 17:20

Tgt Ion: 91 Resp: 163335

Ion Ratio Lower Upper

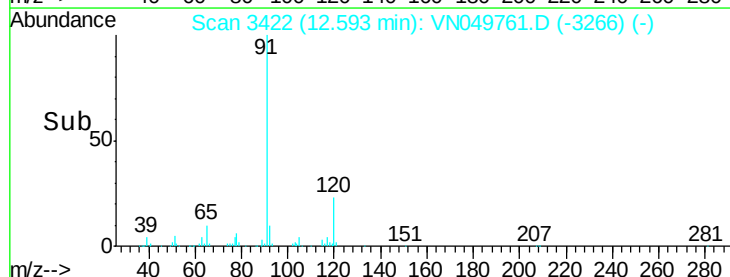
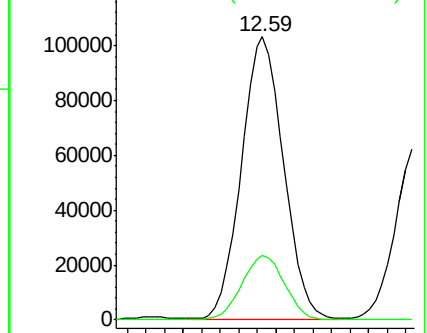
91 100

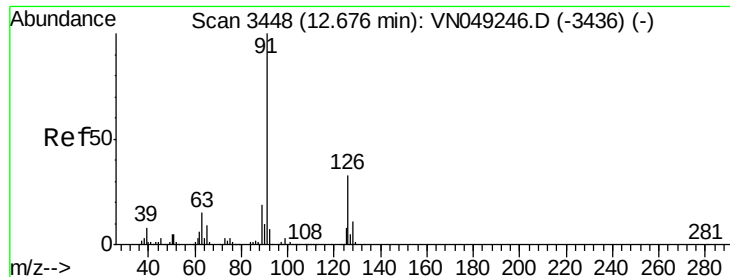
120 23.0 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 2.33 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049761.D

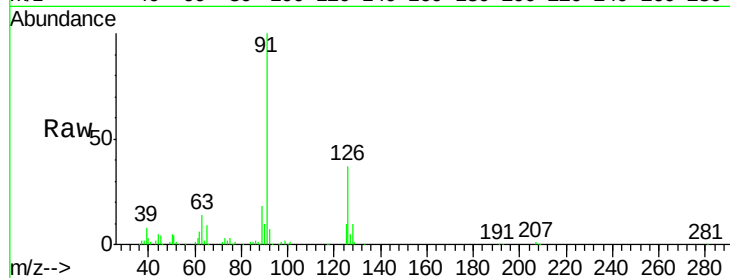
Acq: 11 Jul 2018 17:20

Tot Ion: 91 Resp: 108242

Ion Ratio Lower Upper

91 100

126 36.4 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN049761.D (-3292) (-)

Ion 126.00 (125.70 to 126.70): VN049761.D (-3292) (-)

120000

100000

80000

60000

40000

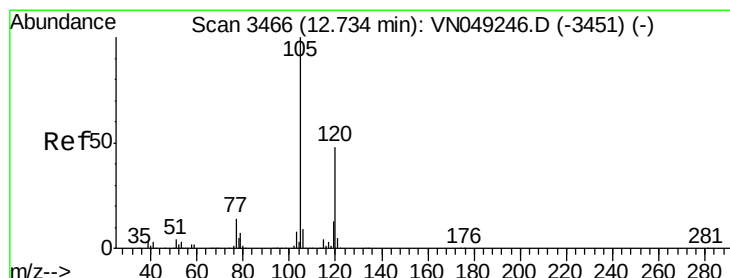
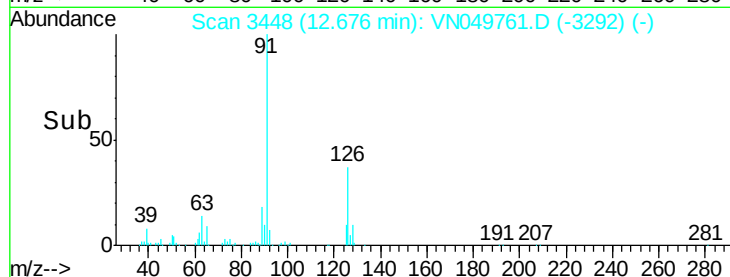
20000

0

12.60 12.65 12.70

12.68

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 2.02 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049761.D

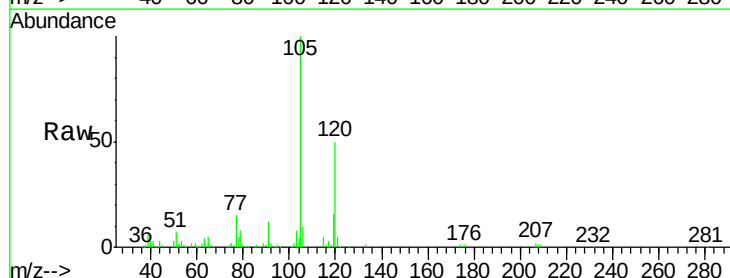
Acq: 11 Jul 2018 17:20

Tgt Ion: 105 Resp: 109831

Ion Ratio Lower Upper

105 100

120 51.1 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN049761.D (-3311) (-)

Ion 120.00 (119.70 to 120.70): VN049761.D (-3311) (-)

80000

60000

40000

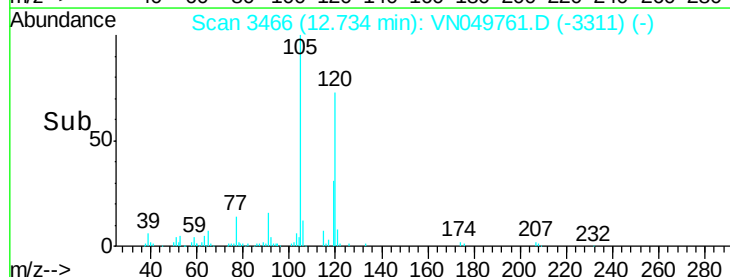
20000

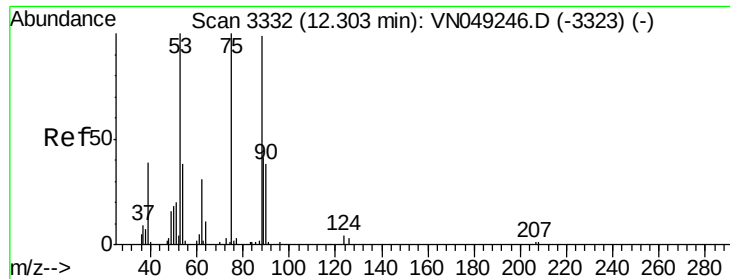
0

12.70 12.75 12.80

12.73

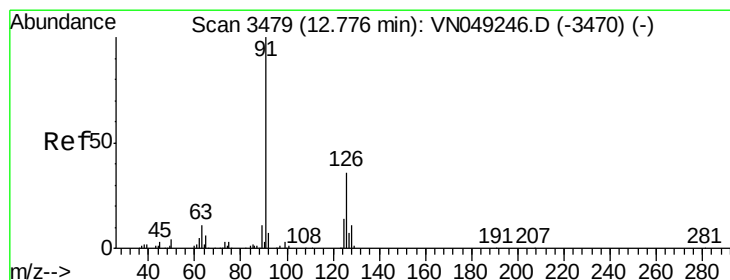
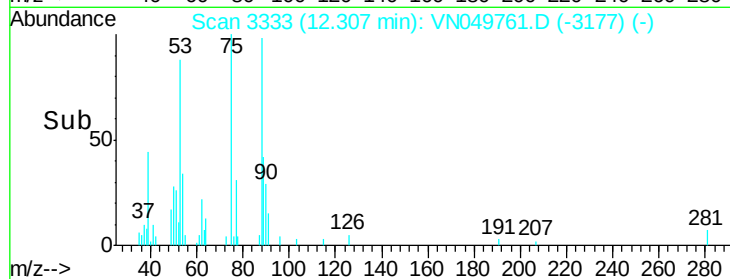
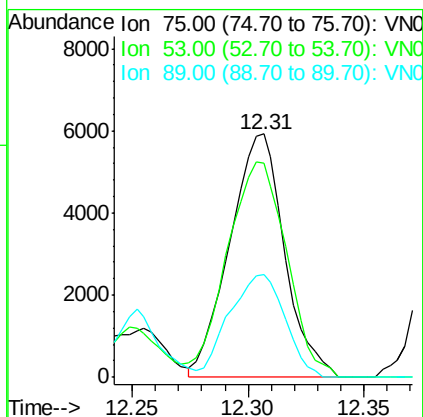
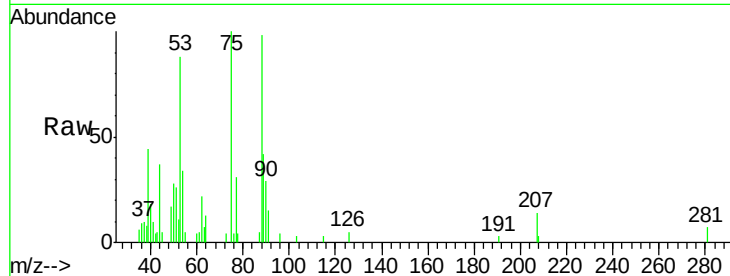
Time-->





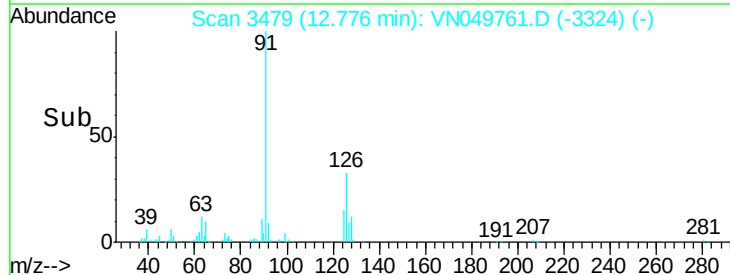
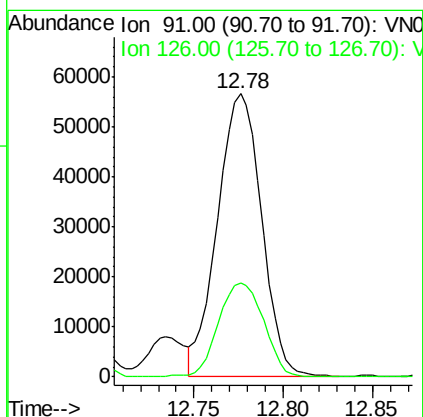
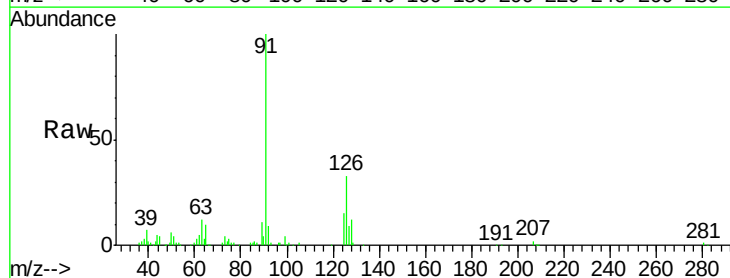
#77
t-1,4-Dichloro-2-butene
Concen: 2.02 ug/l
RT: 12.31 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

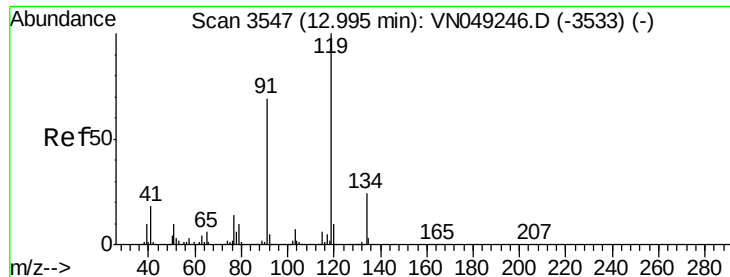
Tot Ion: 75 Resp: 9715
Ion Ratio Lower Upper
75 100
53 87.9 44.6 134.0
89 42.5 20.7 62.1



#78
4-Chlorotoluene
Concen: 2.10 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

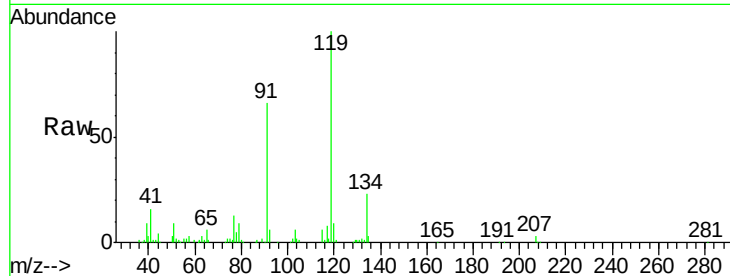
Tgt Ion: 91 Resp: 97302
Ion Ratio Lower Upper
91 100
126 34.0 0.0 68.4



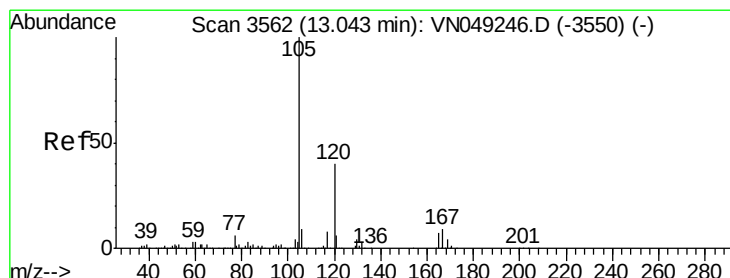
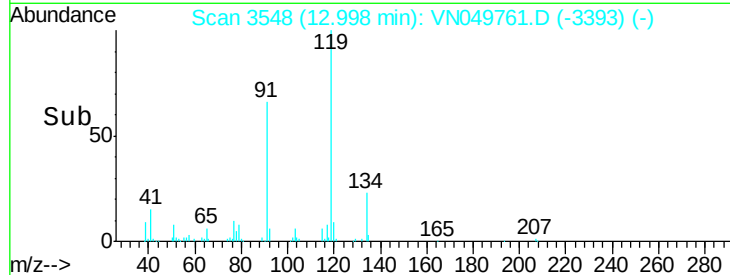
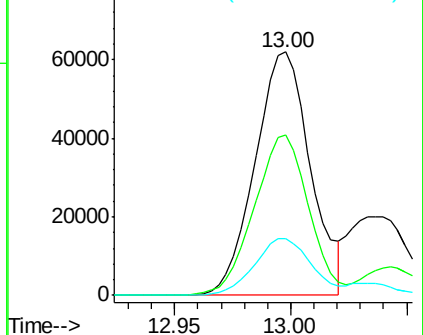


#79
 tert-butylbenzene
 Concen: 2.18 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

Tot Ion:119 Resp: 103142
 Ion Ratio Lower Upper
 119 100
 91 64.9 0.0 126.8
 134 23.7 0.0 47.4

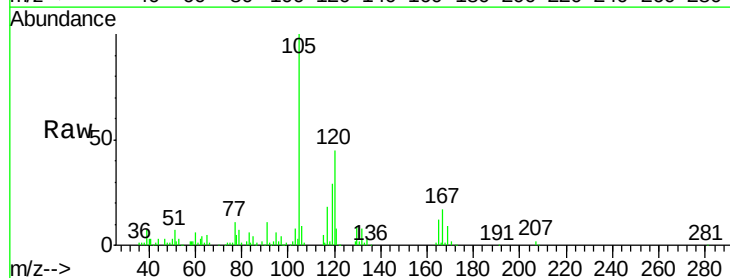


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

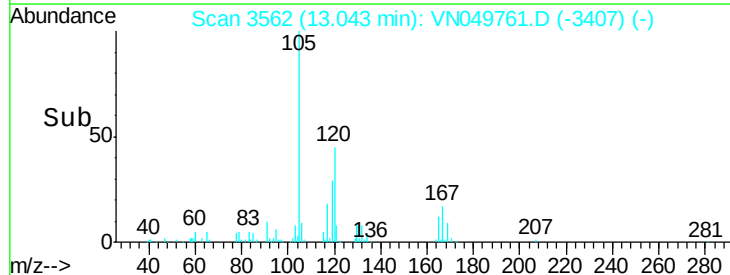
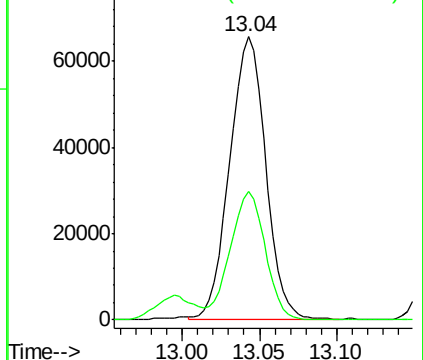


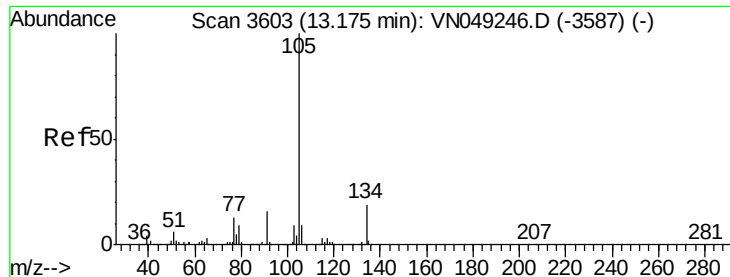
#80
 1,2,4-Trimethylbenzene
 Concen: 1.94 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

Tgt Ion:105 Resp: 106602
 Ion Ratio Lower Upper
 105 100
 120 43.9 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: 2.02 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049761.D

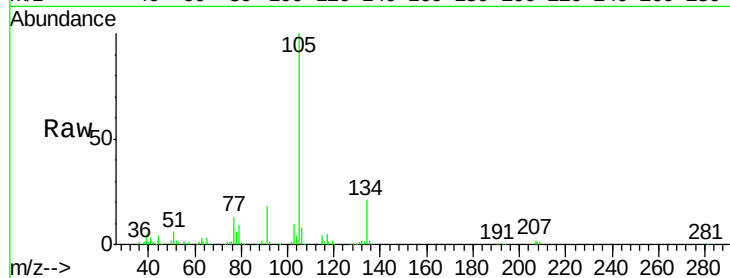
Acq: 11 Jul 2018 17:20

Tot Ion:105 Resp: 127829

Ion Ratio Lower Upper

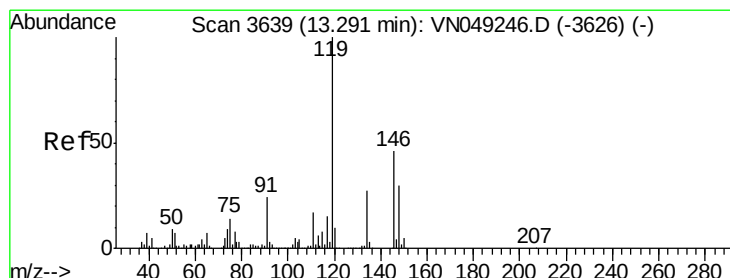
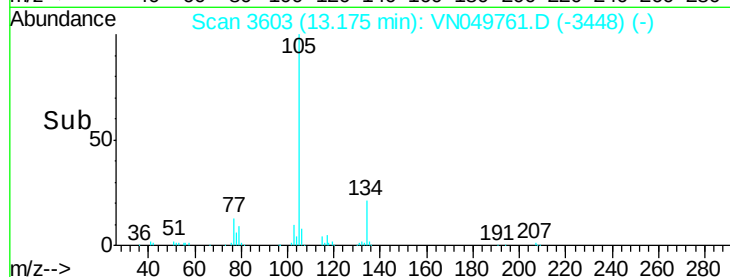
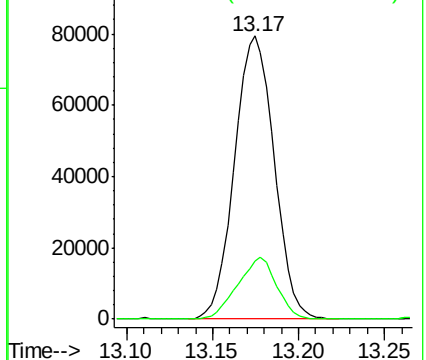
105 100

134 21.5 0.0 40.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 1.81 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

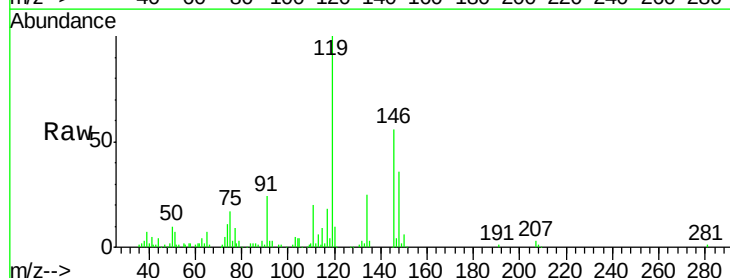
Tgt Ion:119 Resp: 99205

Ion Ratio Lower Upper

119 100

134 26.5 0.0 52.2

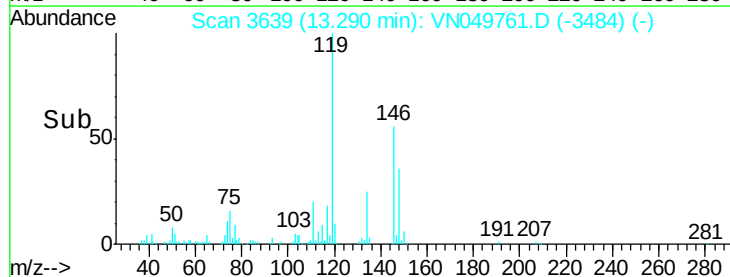
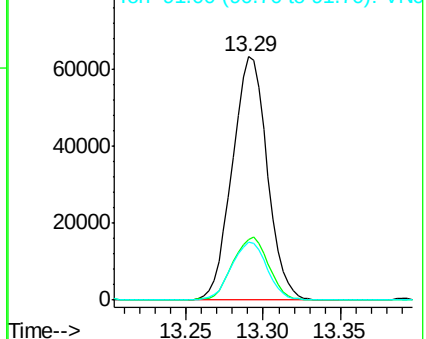
91 24.4 0.0 45.6

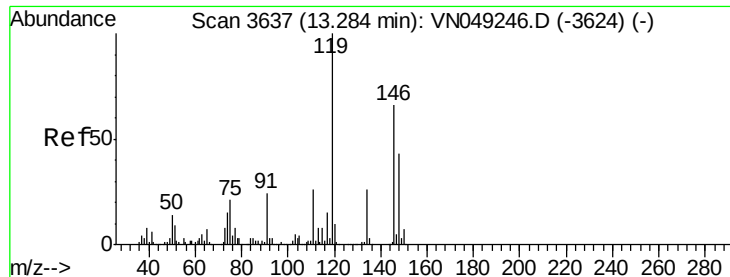


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

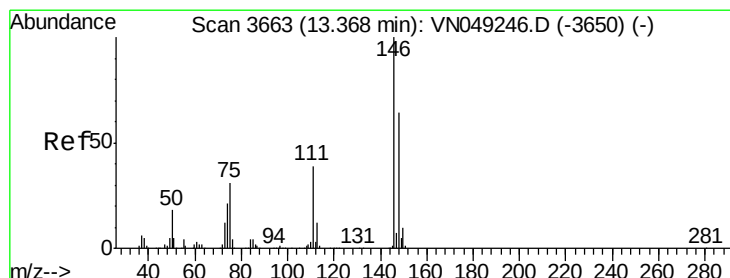
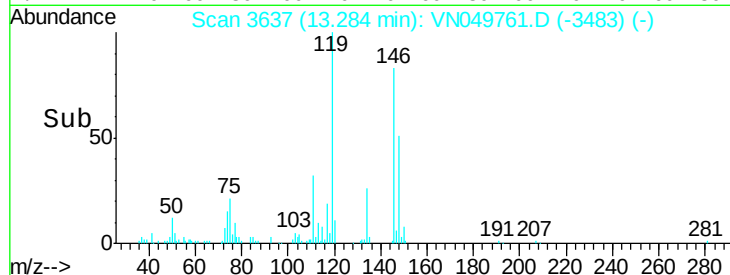
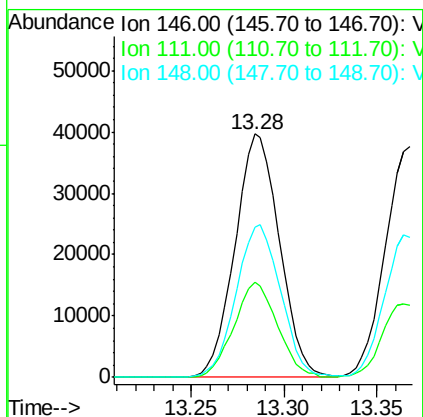
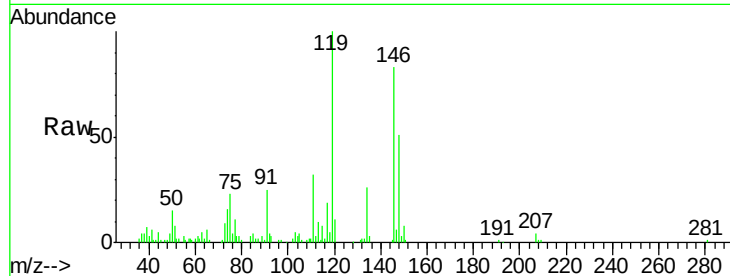
Ion 91.00 (90.70 to 91.70): V





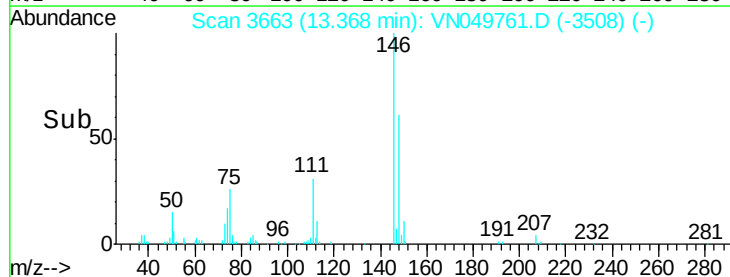
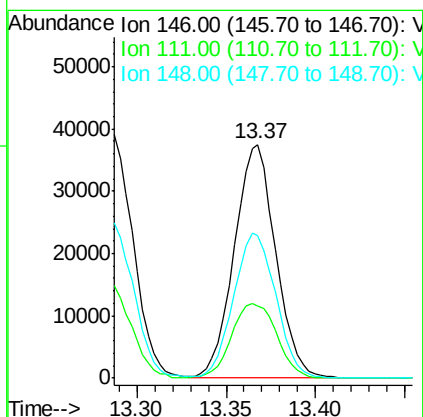
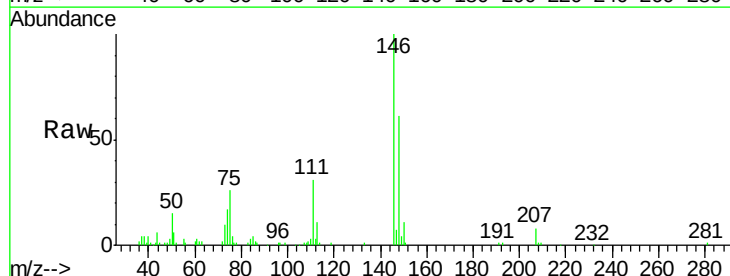
#83
 1,3-Dichlorobenzene
 Concen: 2.17 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

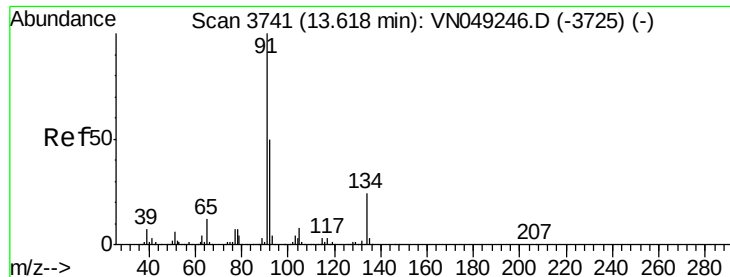
Tot Ion:146 Resp: 66128
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 62.6 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 2.08 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

Tgt Ion:146 Resp: 60674
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.9 53.8
 148 63.2 32.4 97.0





#85

n-Butylbenzene

Concen: 1.60 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

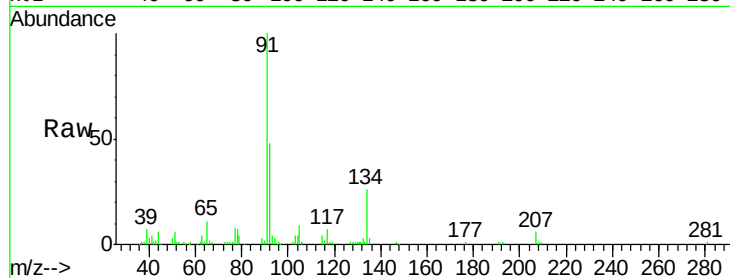
Tot Ion: 91 Resp: 71536

Ion Ratio Lower Upper

91 100

92 47.9 0.0 102.8

134 24.2 0.0 51.0

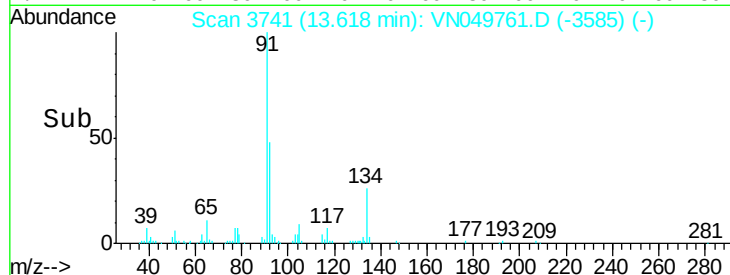


Abundance Ion 91.00 (90.70 to 91.70): VN049761.D (-3725) (-)

Ion 92.00 (91.70 to 92.70): VN049761.D (-3725) (-)

Ion 134.00 (133.70 to 134.70): VN049761.D (-3725) (-)

Time-->

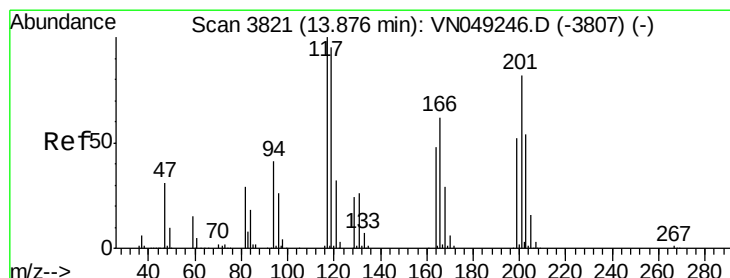


Abundance Ion 91.00 (90.70 to 91.70): VN049761.D (-3585) (-)

Ion 92.00 (91.70 to 92.70): VN049761.D (-3585) (-)

Ion 134.00 (133.70 to 134.70): VN049761.D (-3585) (-)

Time-->



#86

Hexachloroethane

Concen: 2.58 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN049761.D

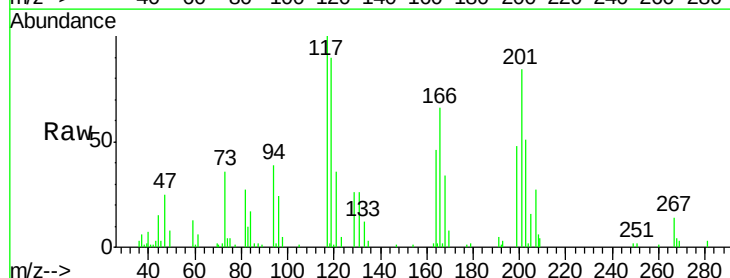
Acq: 11 Jul 2018 17:20

Tgt Ion: 117 Resp: 26935

Ion Ratio Lower Upper

117 100

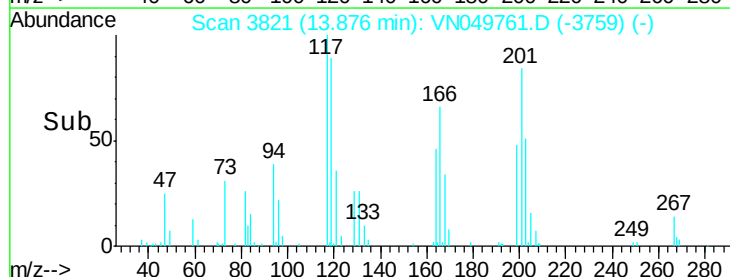
201 85.9 46.6 139.7



Abundance Ion 117.00 (116.70 to 117.70): VN049761.D (-3807) (-)

Ion 201.00 (200.70 to 201.70): VN049761.D (-3807) (-)

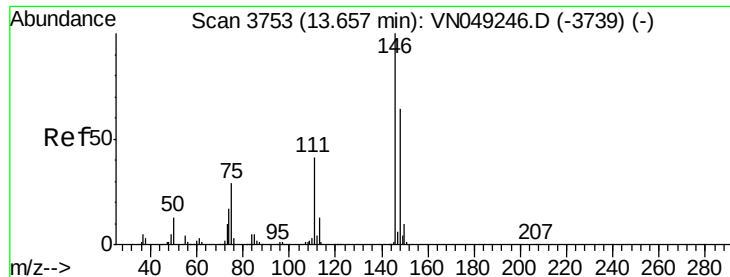
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VN049761.D (-3759) (-)

Ion 201.00 (200.70 to 201.70): VN049761.D (-3759) (-)

Time-->



#87

1,2-Dichlorobenzene

Concen: 2.22 ug/l

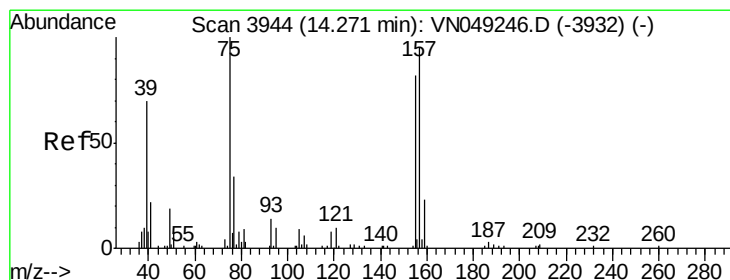
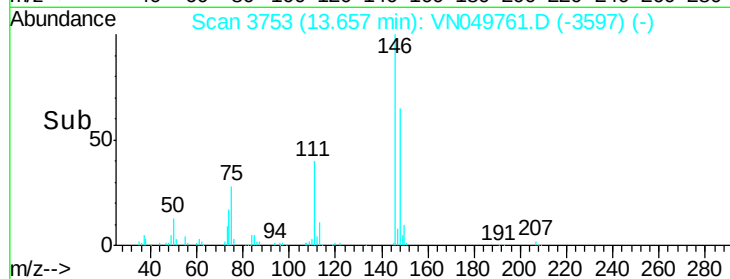
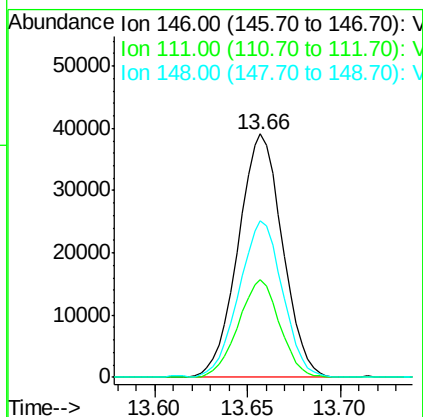
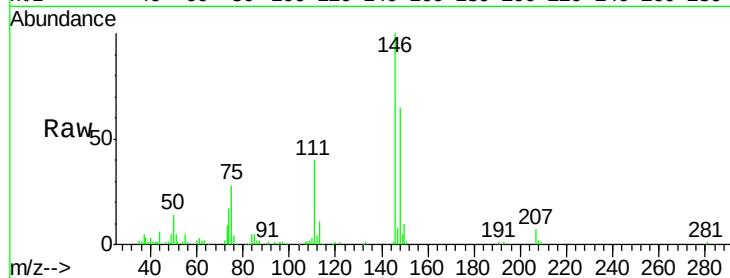
RT: 13.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

Tot Ion:	146	Resp:	65007
Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.8	59.3
148	63.4	31.8	95.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.89 ug/l

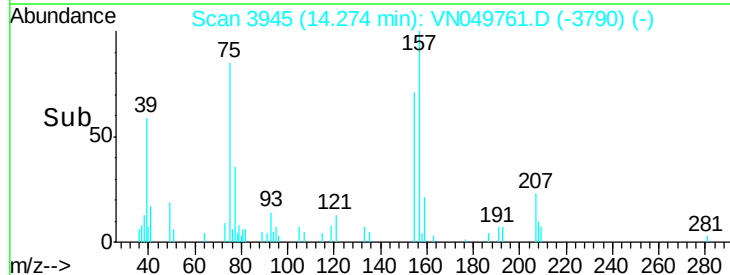
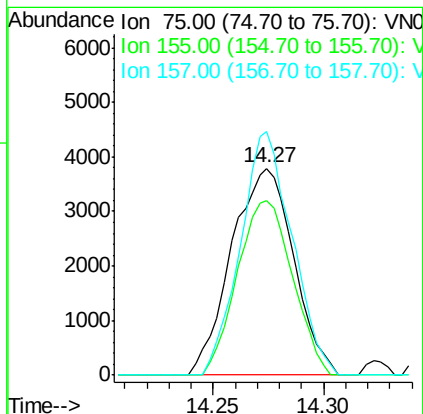
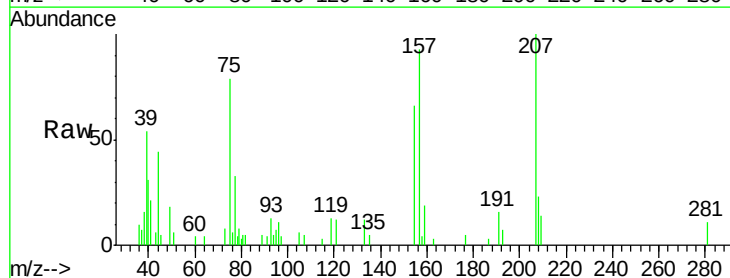
RT: 14.27 min Scan# 3945

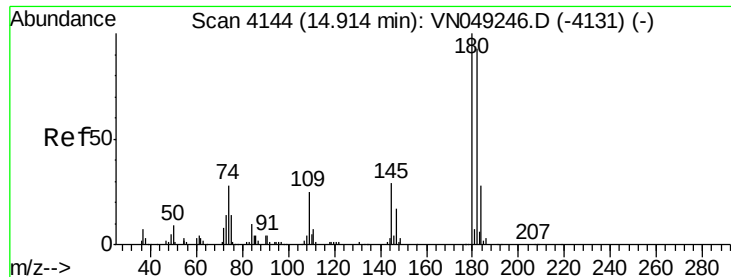
Delta R.T. -0.00 min

Lab File: VN049761.D

Acq: 11 Jul 2018 17:20

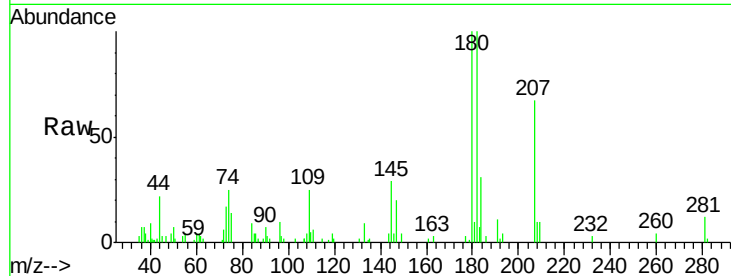
Tgt Ion:	75	Resp:	7397
Ion	Ratio	Lower	Upper
75	100		
155	74.9	73.0	109.6
157	98.0	94.9	142.3



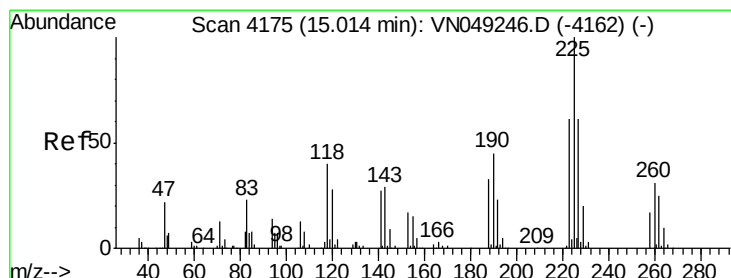
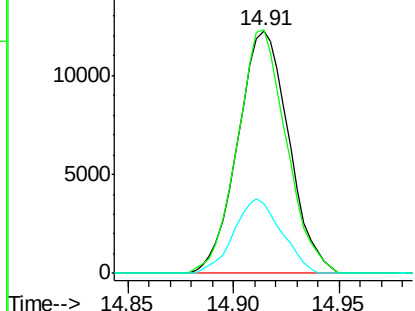
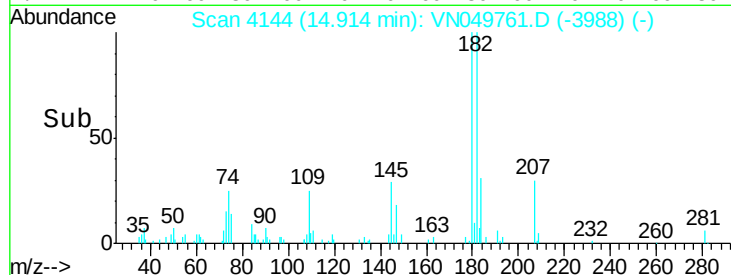


#89
 1,2,4-Trichlorobenzene
 Concen: 1.39 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

Tot Ion:180 Resp: 20532
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.7 115.1
 145 28.6 23.4 35.0

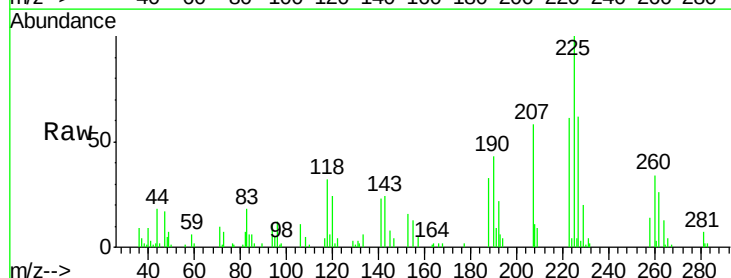


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

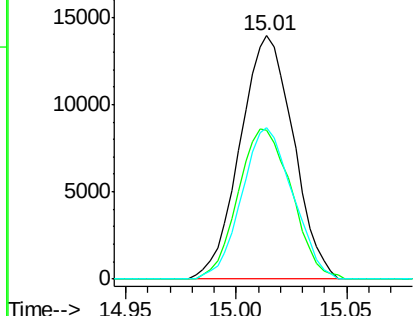
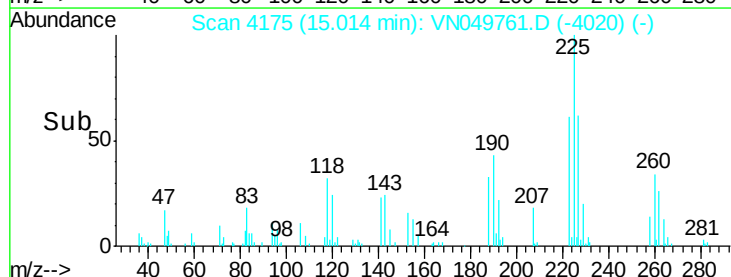


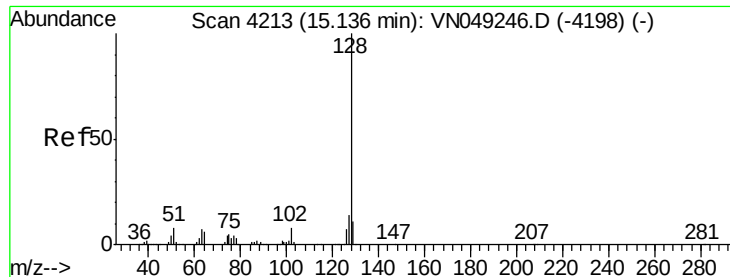
#90
 Hexachlorobutadiene
 Concen: 2.48 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. -0.00 min
 Lab File: VN049761.D
 Acq: 11 Jul 2018 17:20

Tgt Ion:225 Resp: 23396
 Ion Ratio Lower Upper
 225 100
 223 62.0 0.0 124.4
 227 59.7 0.0 133.0



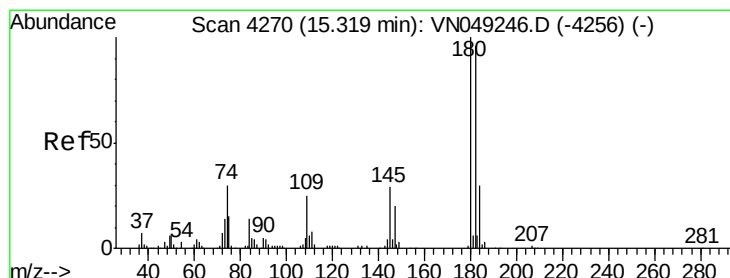
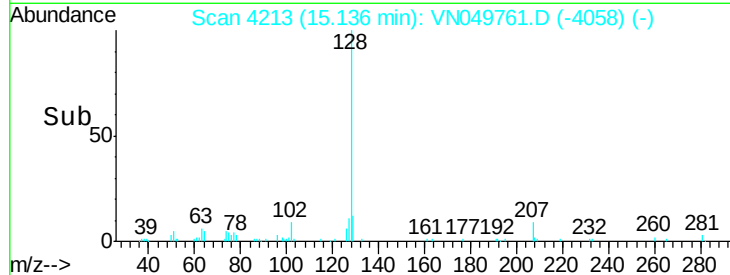
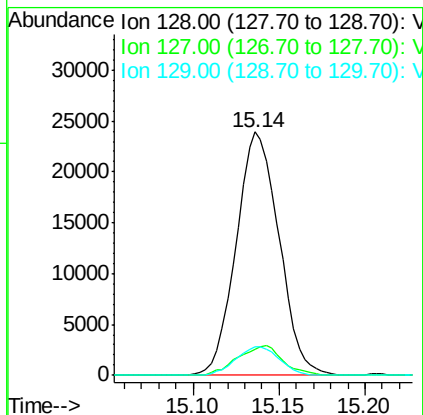
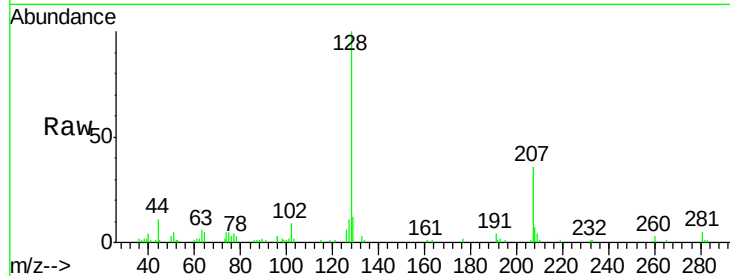
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91
Naphthalene
Concen: 1.27 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tot Ion:128 Resp: 41467
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 12.1 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 1.68 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. -0.00 min
Lab File: VN049761.D
Acq: 11 Jul 2018 17:20

Tgt Ion:180 Resp: 25025
Ion Ratio Lower Upper
180 100
182 90.6 0.0 188.8
145 29.3 0.0 60.8

