

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

Quant Time: Jul 12 01:54:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:52:12 2018
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.86	85	36543	2.037 ug/l	99
3) Chloromethane	2.06	50	47085	2.540 ug/l	95
4) Vinyl Chloride	2.18	62	48648	2.480 ug/l	96
5) Bromomethane	2.57	94	33259	2.809 ug/l	100
6) Chloroethane	2.70	64	30978	2.721 ug/l	96
7) Trichlorofluoromethane	3.01	101	62764	2.529 ug/l	98
8) Diethyl Ether	3.41	74	20961	2.472 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	38865	2.601 ug/l	98
10) 1,1-Dichloroethene	3.73	96	33011	2.398 ug/l	97
11) Methyl Iodide	3.95	142	35244	1.722 ug/l	94
12) Methyl Acetate	4.34	43	40822	3.035 ug/l	97
13) Acrolein	3.61	56	18408	13.088 ug/l	99
14) Acrylonitrile	5.00	53	55816	11.571 ug/l #	68
15) Acetone	3.83	58	16084	13.216 ug/l	95
16) Carbon Disulfide	4.05	76	109564	2.576 ug/l	96
17) Allyl chloride	4.33	41	49515	2.279 ug/l	93
18) Methylene Chloride	4.55	84	52984	3.245 ug/l	96
19) trans-1,2-Dichloroethene	5.04	96	36161	2.488 ug/l	98
21) 1,1-Dichloroethane	5.86	63	69371	2.576 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	38908	2.404 ug/l	97
23) tert-Butyl Alcohol	4.80	59	12042	11.917 ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	82960	2.266 ug/l #	71
25) Chloroform	7.37	83	72401	2.663 ug/l	99
26) Cyclohexane	7.66	56	47092	2.071 ug/l #	93
29) 1,1-Dichloropropene	7.80	75	45177	2.281 ug/l	97
30) 2-Butanone	6.85	43	64664	11.722 ug/l #	98
31) 2,2-Dichloropropane	6.83	77	51770	2.438 ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	60859	2.674 ug/l #	89
33) Carbon Tetrachloride	7.78	117	52349	2.595 ug/l	99
34) Benzene	8.04	78	150464	2.534 ug/l #	23
35) Methacrylonitrile	7.18	41	15768	2.503 ug/l	94
36) 1,2-Dichloroethane	8.13	62	52525	2.771 ug/l	98
37) Trichloroethene	8.83	130	40530	2.620 ug/l	94
38) Methylcyclohexane	9.08	83	47948	2.247 ug/l	98
39) 1,2-Dichloropropane	9.12	63	39987	2.594 ug/l	99
40) Dibromomethane	9.21	93	24725	2.667 ug/l	99
41) Bromodichloromethane	9.41	83	51315	2.574 ug/l	94

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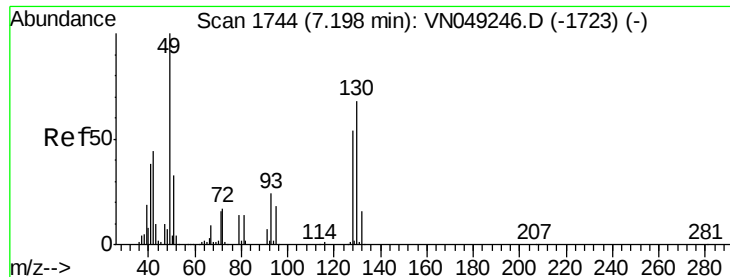
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.90	43	321324	10.977	ug/l	100
43) Ethyl Acetate	6.94	43	30921	2.655	ug/l #	89
44) Isopropyl Acetate	8.17	43	53453	2.454	ug/l	94
45) 1,4-Dioxane	9.19	88	2396	16.710	ug/l #	32
46) Methyl methacrylate	9.20	41	22491	2.060	ug/l	96
47) n-amyl Acetate	12.07	43	30402	1.657	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	44824	2.231	ug/l	89
49) cis-1,3-Dichloropropene	9.84	75	50902	2.201	ug/l	99
50) 1,1,2-Trichloroethane	10.57	97	38633	2.866	ug/l	97
51) Ethyl methacrylate	10.44	69	34166	2.077	ug/l	96
52) 1,3-Dichloropropane	10.71	76	56940	2.572	ug/l	98
53) Dibromochloromethane	10.90	129	36274	2.380	ug/l	99
54) 1,2-Dibromoethane	11.01	107	31876	2.433	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	71872	8.580	ug/l	100
56) Bromoform	12.13	173	23446	2.246	ug/l #	94
58) 4-Methyl-2-Pentanone	9.99	43	136077	11.853	ug/l	97
59) 2-Hexanone	10.75	43	83293	10.778	ug/l	96
61) Tetrachloroethene	10.63	164	36935	2.787	ug/l	95
62) Toluene	10.16	91	157417	2.601	ug/l	99
64) Chlorobenzene	11.44	112	96352	2.595	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	37702	2.675	ug/l	97
66) Ethyl Benzene	11.51	91	142374	2.242	ug/l	98
67) m/p-Xylenes	11.63	106	103816	4.251	ug/l	99
68) o-Xylene	11.95	106	50128	2.148	ug/l	100
69) Styrene	11.97	104	72674	1.951	ug/l	99
70) Isopropylbenzene	12.25	105	127326	2.057	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	41057	2.585	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	46734	3.674	ug/l	53
73) Bromobenzene	12.53	156	37521	2.312	ug/l	95
74) n-propylbenzene	12.59	91	143932	2.009	ug/l	99
75) 2-Chlorotoluene	12.68	91	96339	2.242	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	99348	1.975	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	7985	1.791	ug/l	93
78) 4-Chlorotoluene	12.78	91	84489	1.972	ug/l	99
79) tert-butylbenzene	12.99	119	91019	2.085	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	94479	1.861	ug/l	100
81) sec-Butylbenzene	13.17	105	111751	1.906	ug/l	98
82) p-Isopropyltoluene	13.29	119	91771	1.810	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	59409	2.110	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	53349	1.978	ug/l	97
85) n-Butylbenzene	13.62	91	64783	1.569	ug/l	98
86) Hexachloroethane	13.88	117	25288	2.622	ug/l	93
87) 1,2-Dichlorobenzene	13.66	146	59526	2.195	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	6211	2.626	ug/l	85
89) 1,2,4-Trichlorobenzene	14.91	180	19504	1.424	ug/l	96
90) Hexachlorobutadiene	15.01	225	21714	2.492	ug/l	95
91) Naphthalene	15.14	128	37577	1.245	ug/l #	96
92) 1,2,3-Trichlorobenzene	15.32	180	22479	1.636	ug/l	96

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

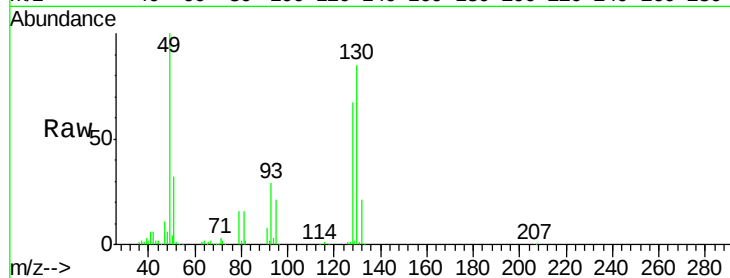
Tgt Ion: 128 Resp: 239716

Ion Ratio Lower Upper

128 100

49 149.9 0.0 378.3

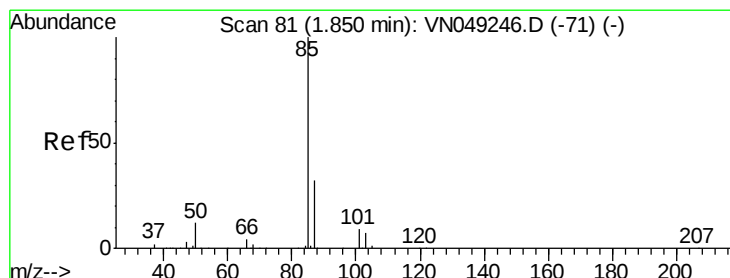
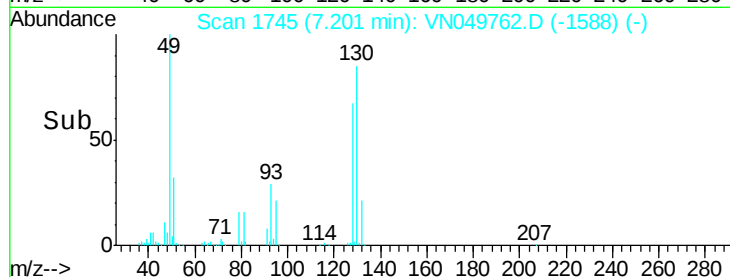
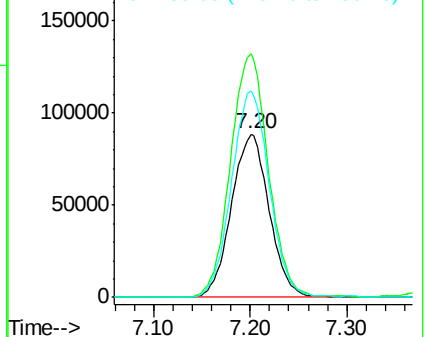
130 126.7 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 2.037 ug/l

RT: 1.86 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN049762.D

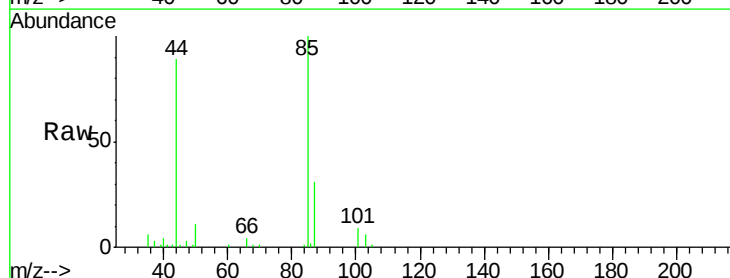
Acq: 11 Jul 2018 17:46

Tgt Ion: 85 Resp: 36543

Ion Ratio Lower Upper

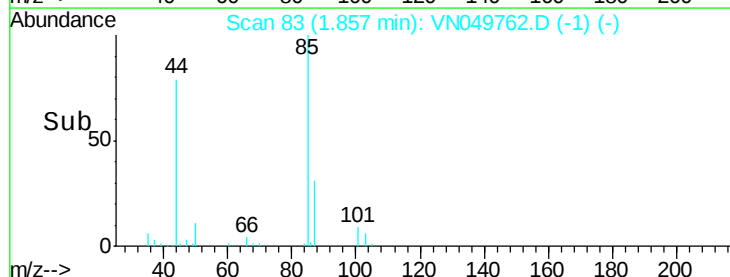
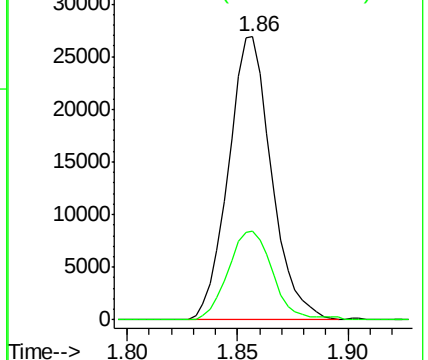
85 100

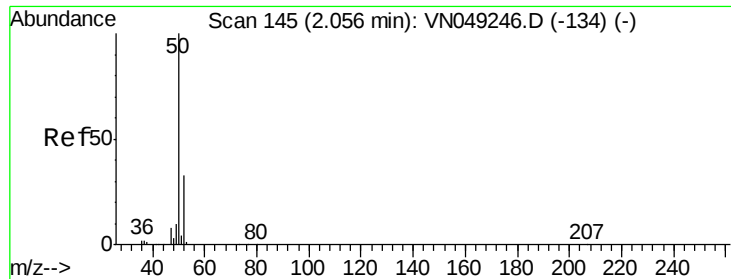
87 31.2 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): V

Ion 87.00 (86.70 to 87.70): V





#3

Chloromethane

Concen: 2.540 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049762.D

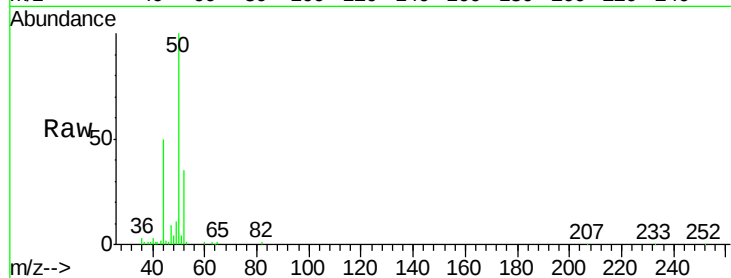
Acq: 11 Jul 2018 17:46

Tgt Ion: 50 Resp: 47085

Ion Ratio Lower Upper

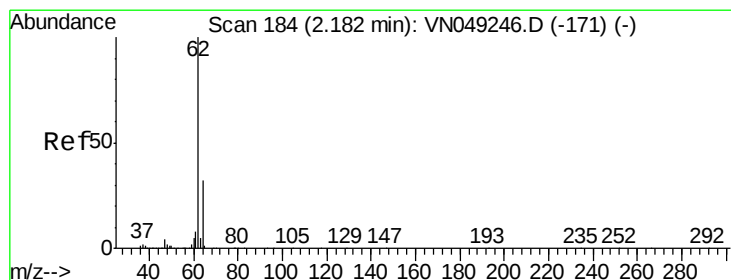
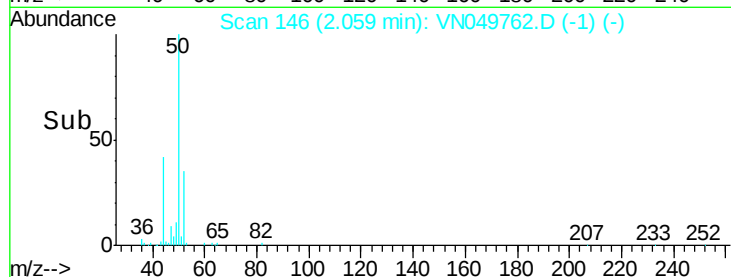
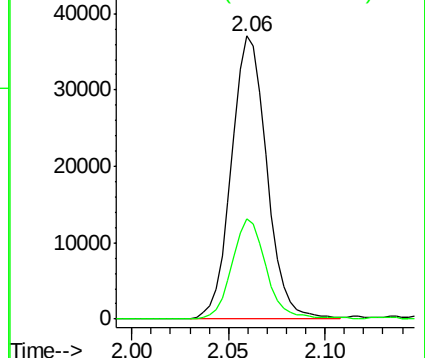
50 100

52 35.3 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 2.480 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049762.D

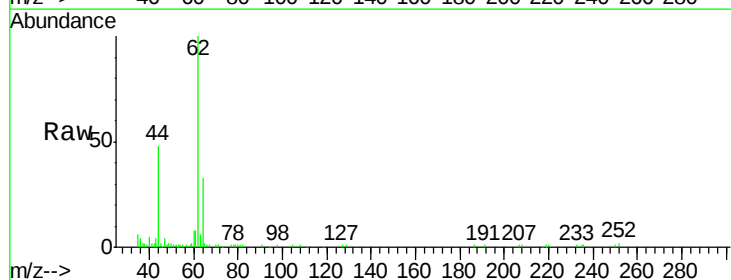
Acq: 11 Jul 2018 17:46

Tgt Ion: 62 Resp: 48648

Ion Ratio Lower Upper

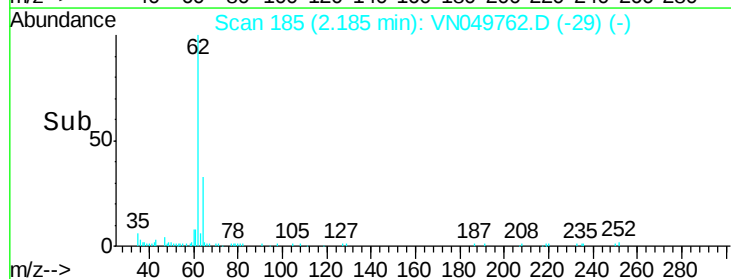
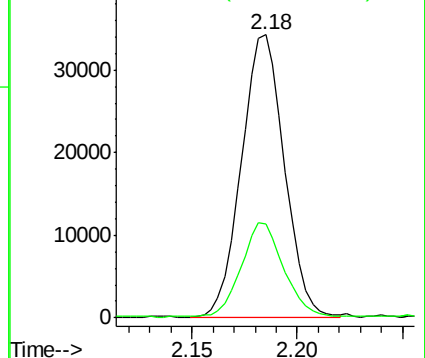
62 100

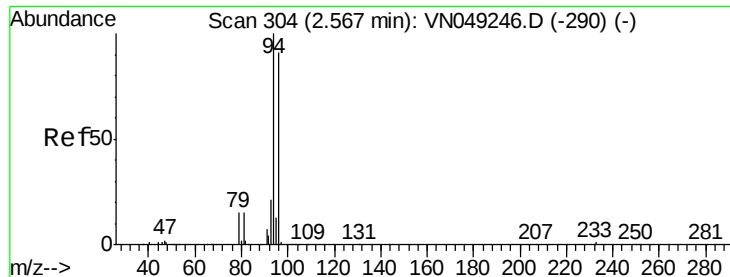
64 32.5 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 2.809 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049762.D

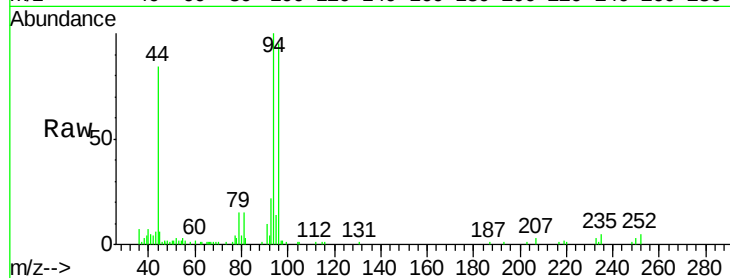
Acq: 11 Jul 2018 17:46

Tgt Ion: 94 Resp: 33259

Ion Ratio Lower Upper

94 100

96 95.0 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

20000

15000

10000

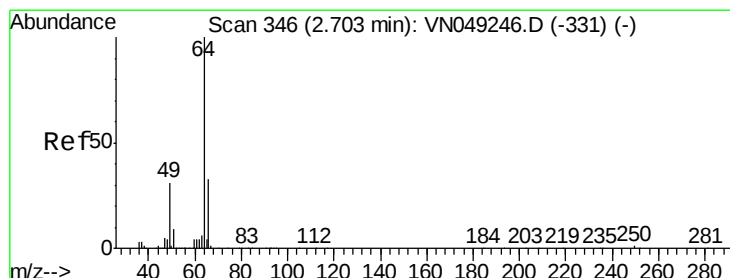
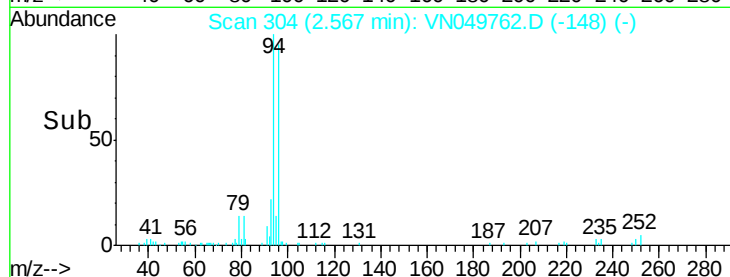
5000

0

Time-->

2.50 2.55 2.60

2.57



#6

Chloroethane

Concen: 2.721 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049762.D

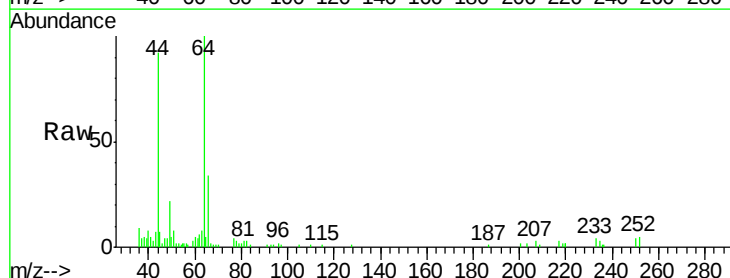
Acq: 11 Jul 2018 17:46

Tgt Ion: 64 Resp: 30978

Ion Ratio Lower Upper

64 100

66 33.7 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

15000

10000

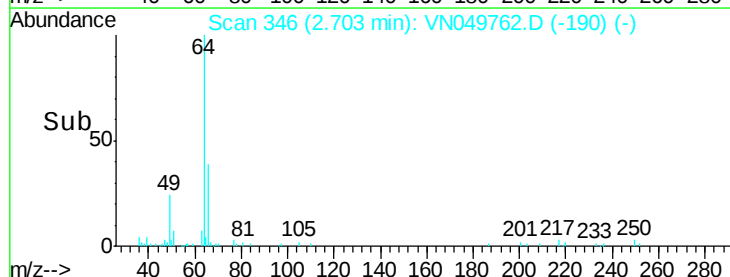
5000

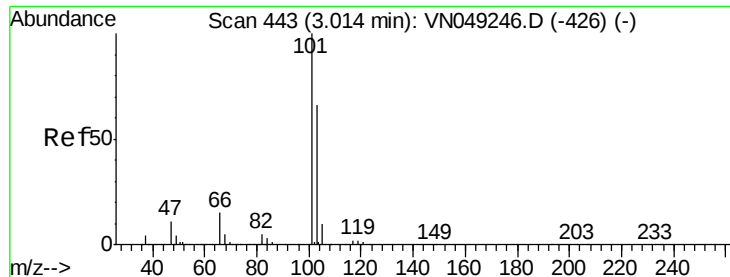
0

Time-->

2.65 2.70 2.75

2.70

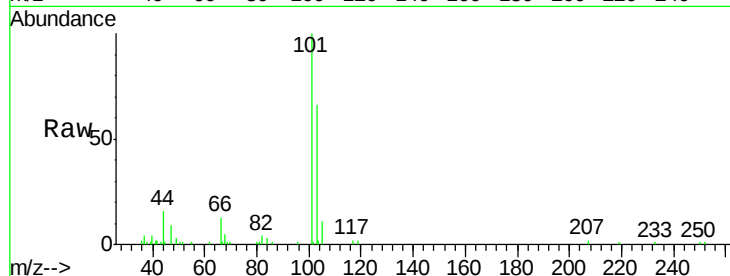




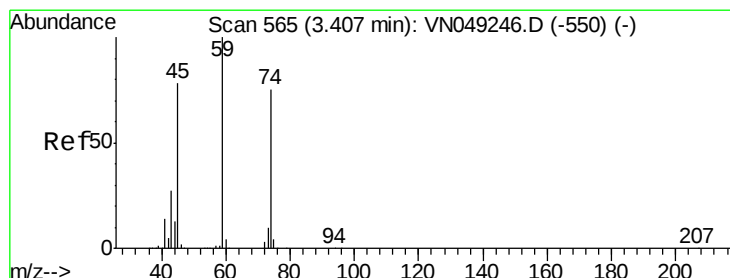
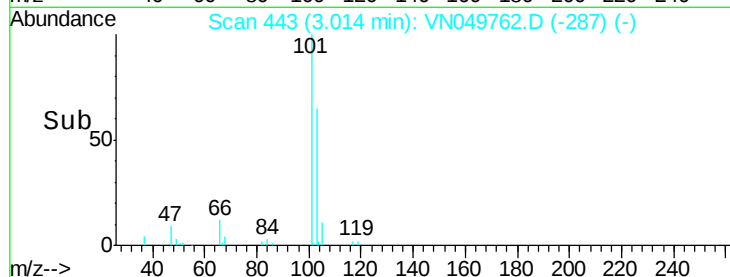
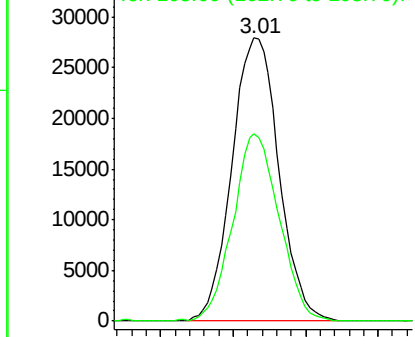
#7

Trichlorofluoromethane
 Concen: 2.529 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.5	77.3



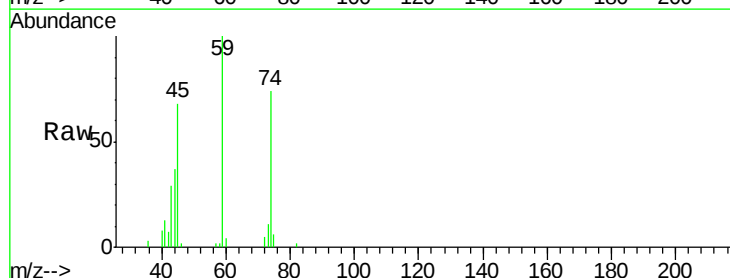
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



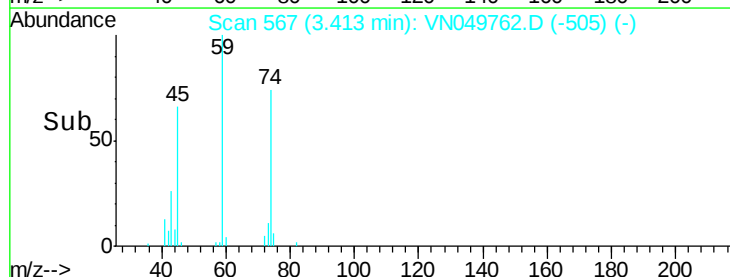
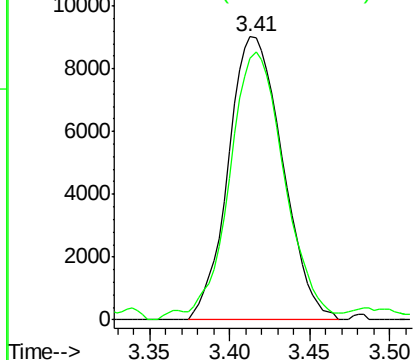
#8

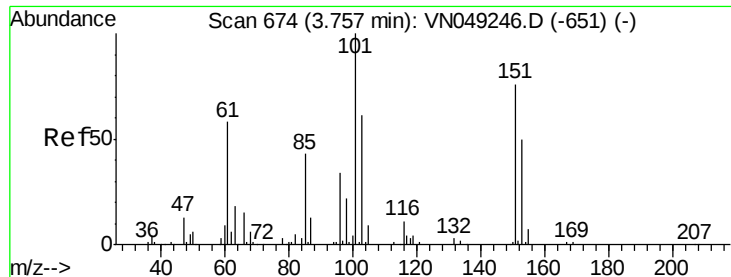
Diethyl Ether
 Concen: 2.472 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.5	18.7	167.9



Abundance Ion 74.00 (73.70 to 74.70): V
 Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.601 ug/l

RT: 3.76 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

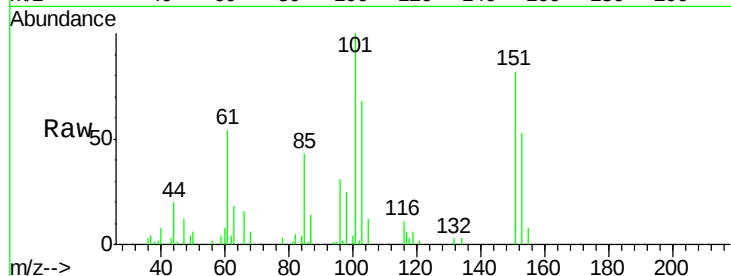
Tgt Ion: 101 Resp: 38865

Ion Ratio Lower Upper

101 100

85 42.6 0.0 83.0

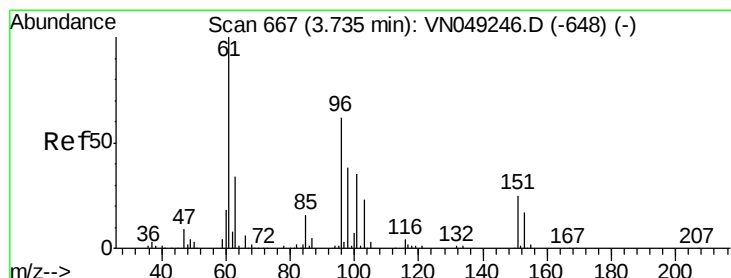
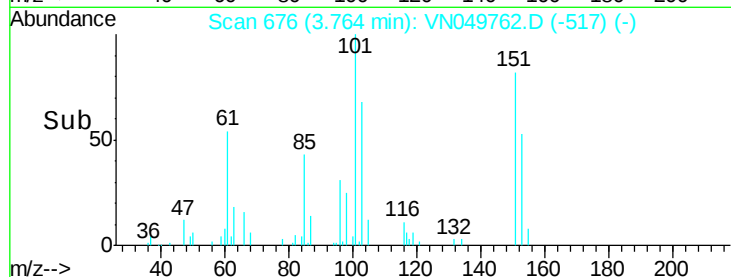
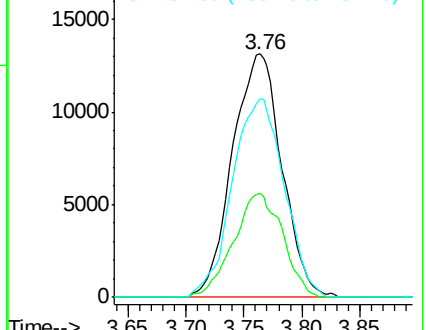
151 85.5 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): VN049762.D (-517) (-)

Ion 85.00 (84.70 to 85.70): VN049762.D (-517) (-)

Ion 151.00 (150.70 to 151.70): VN049762.D (-517) (-)



#10

1,1-Dichloroethene

Concen: 2.398 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

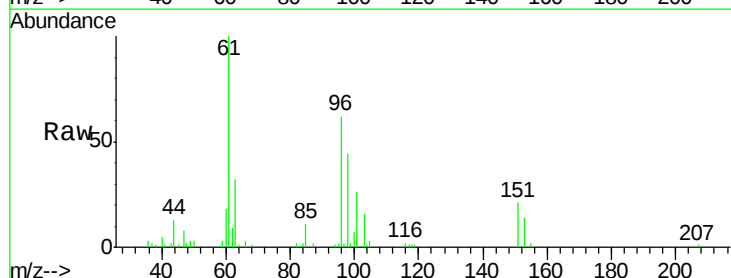
Tgt Ion: 96 Resp: 33011

Ion Ratio Lower Upper

96 100

61 161.1 130.6 195.8

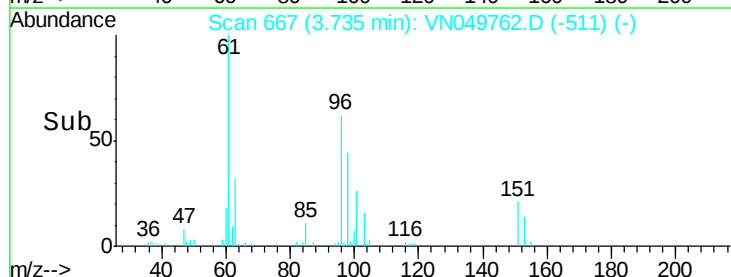
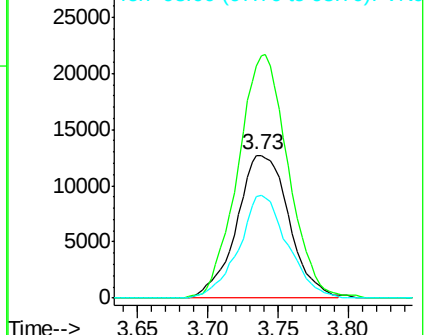
98 70.8 53.5 80.3

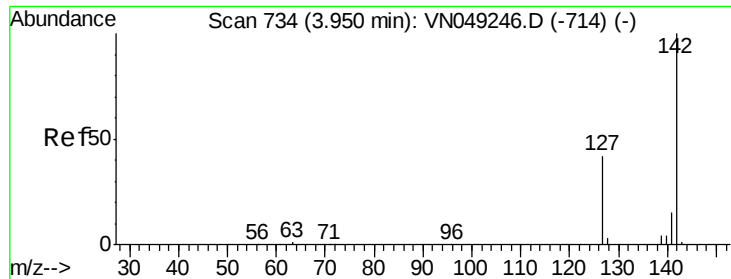


Abundance Ion 96.00 (95.70 to 96.70): VN049762.D (-511) (-)

Ion 61.00 (60.70 to 61.70): VN049762.D (-511) (-)

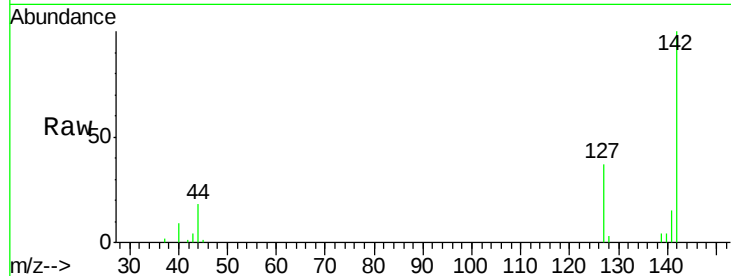
Ion 98.00 (97.70 to 98.70): VN049762.D (-511) (-)



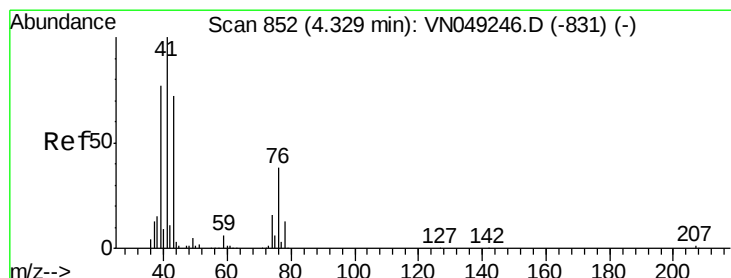
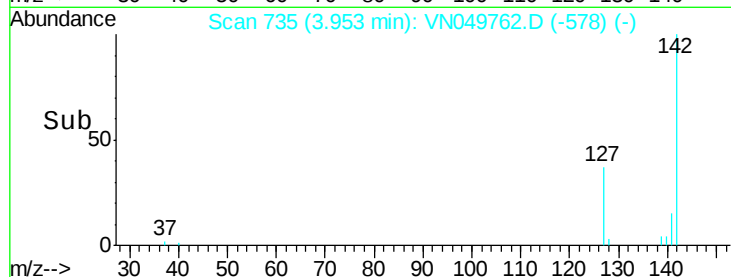
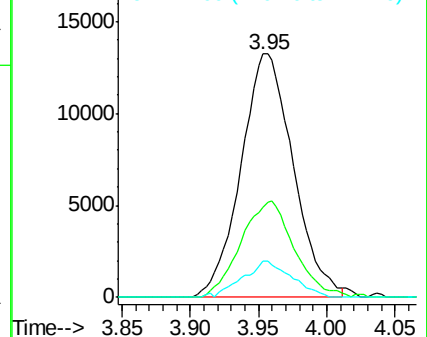


#11
Methyl Iodide
Concen: 1.722 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

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

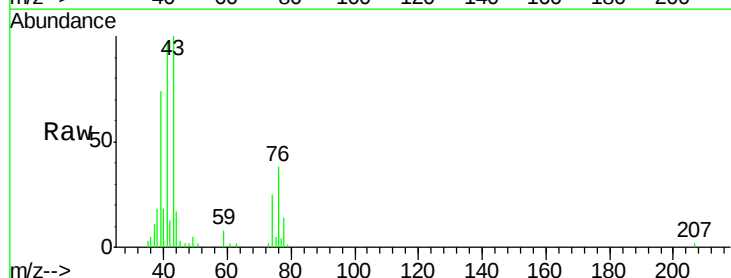


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

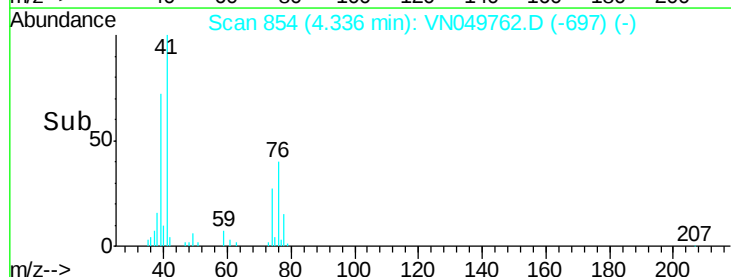
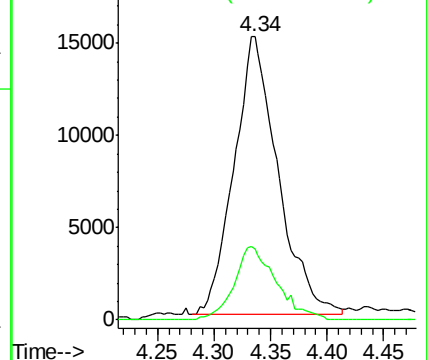


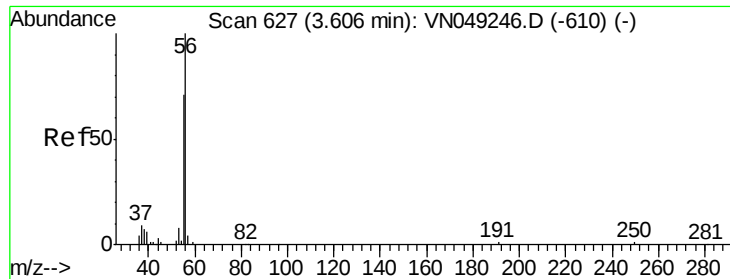
#12
Methyl Acetate
Concen: 3.035 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 43 Resp: 40822
Ion Ratio Lower Upper
43 100
74 25.6 19.3 28.9



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





#13

Acrolein

Concen: 13.088 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN049762.D

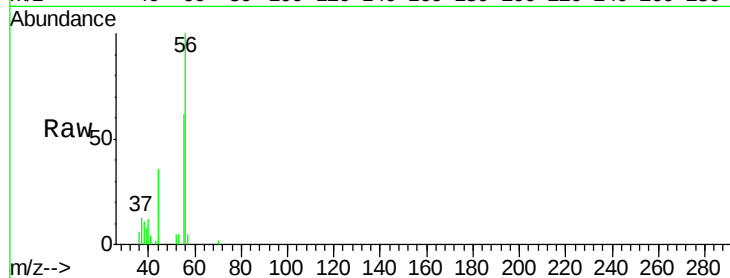
Acq: 11 Jul 2018 17:46

Tgt Ion: 56 Resp: 18408

Ion Ratio Lower Upper

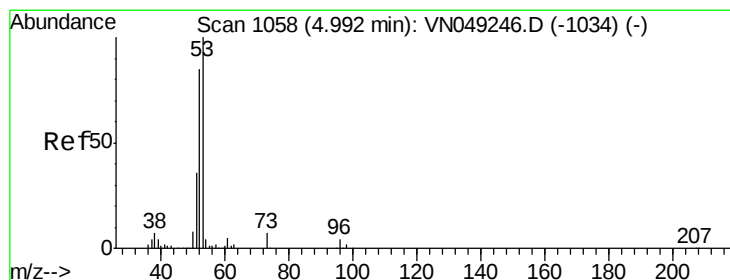
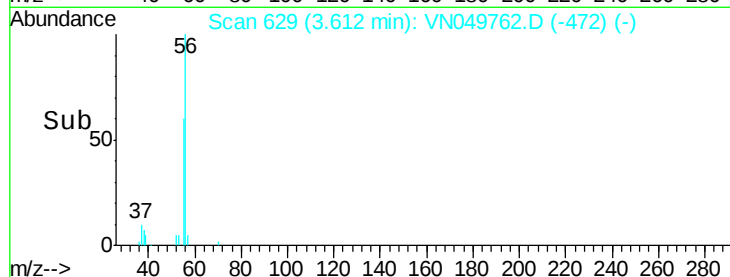
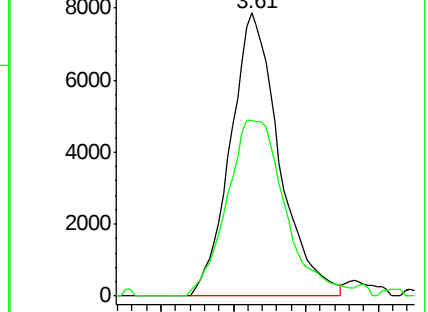
56 100

55 74.1 58.6 88.0



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

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



#14

Acrylonitrile

Concen: 11.571 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

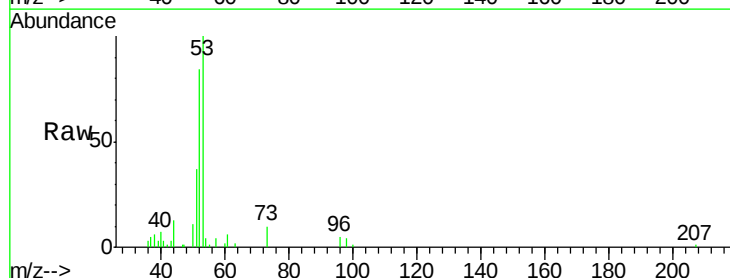
Tgt Ion: 53 Resp: 55816

Ion Ratio Lower Upper

53 100

52 41.2 41.5 124.5#

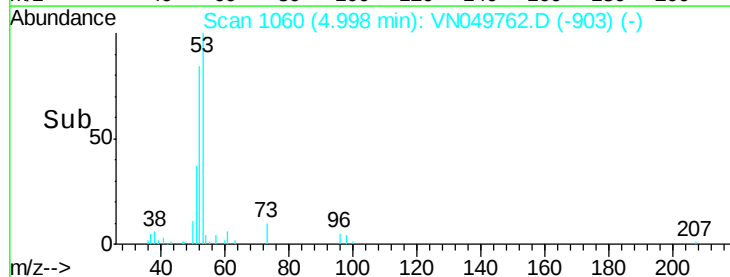
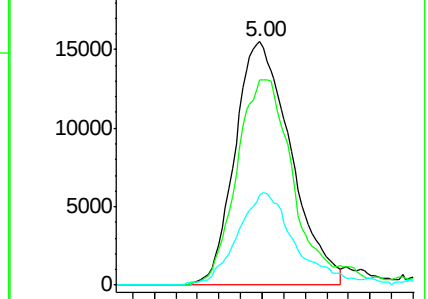
51 36.5 18.7 56.1

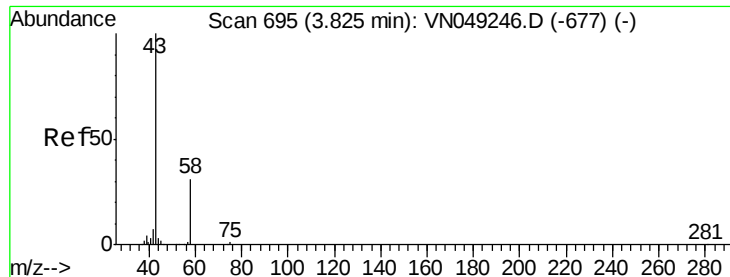


Abundance Ion 53.00 (52.70 to 53.70): VN049762.D (-1034) (-)

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

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





#15

Acetone

Concen: 13.216 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN049762.D

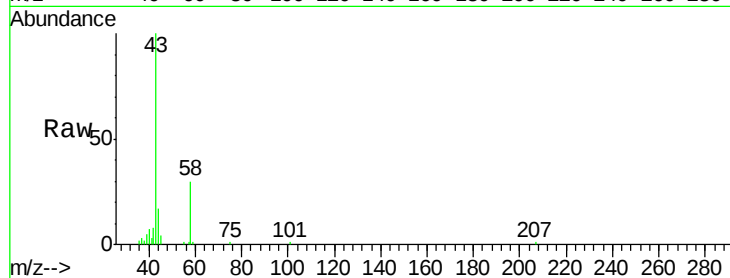
Acq: 11 Jul 2018 17:46

Tgt Ion: 58 Resp: 16084

Ion Ratio Lower Upper

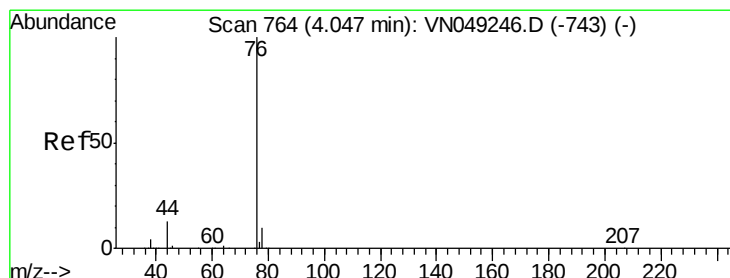
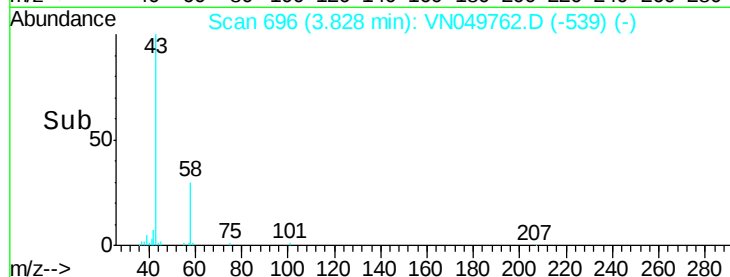
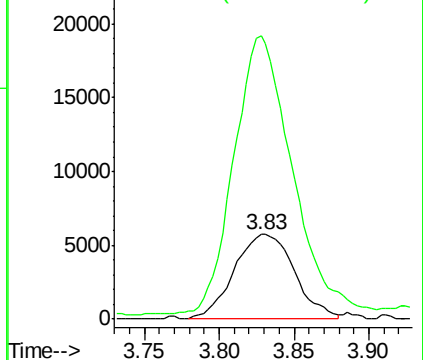
58 100

43 325.1 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN049762.D (-696) (-)

Ion 43.00 (42.70 to 43.70): VN049762.D (-696) (-)



#16

Carbon Disulfide

Concen: 2.576 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049762.D

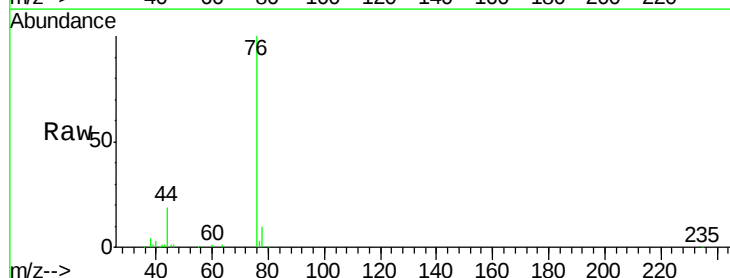
Acq: 11 Jul 2018 17:46

Tgt Ion: 76 Resp: 109564

Ion Ratio Lower Upper

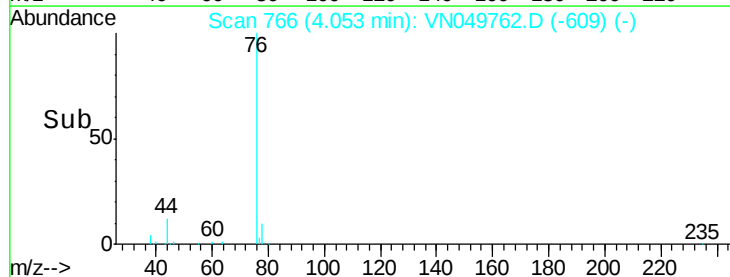
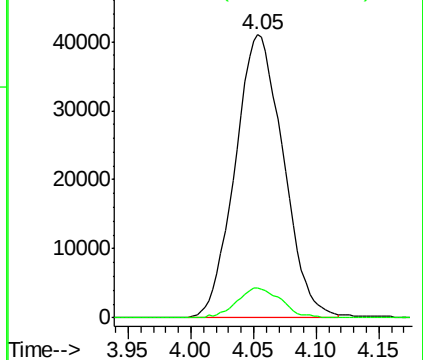
76 100

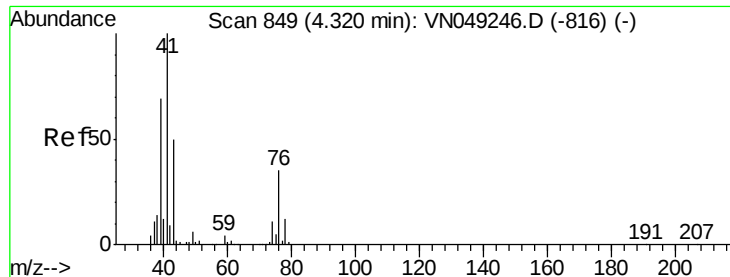
78 10.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN049762.D (-766) (-)

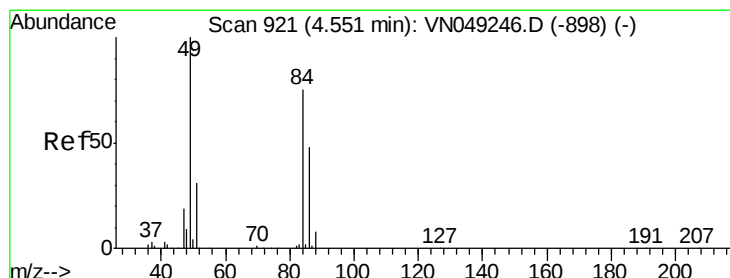
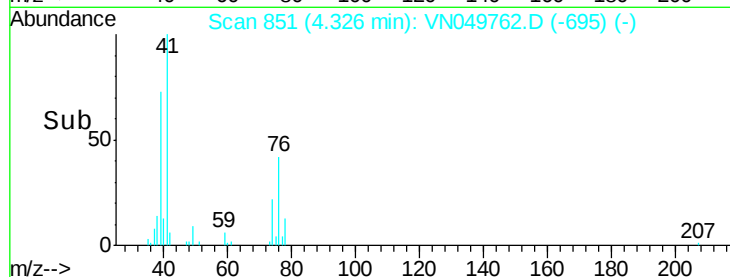
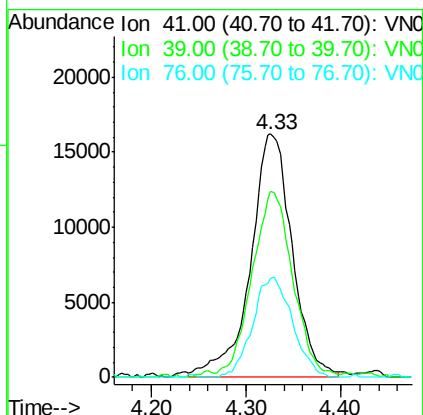
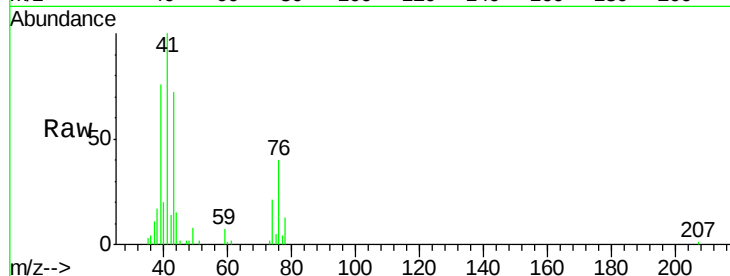
Ion 78.00 (77.70 to 78.70): VN049762.D (-766) (-)





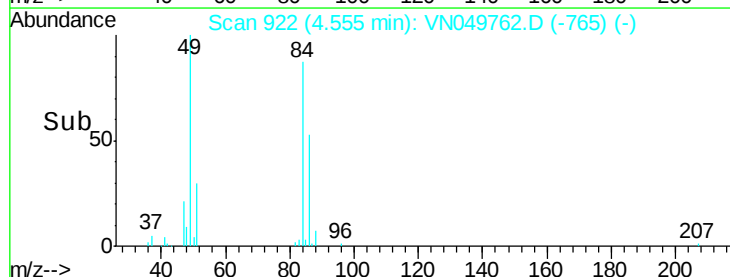
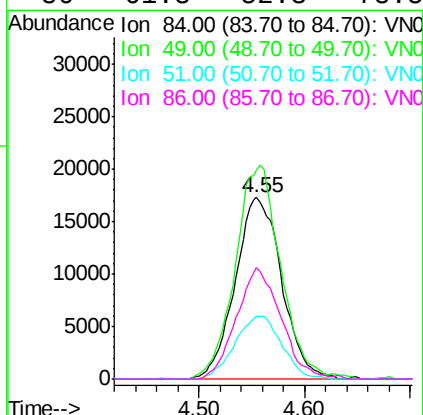
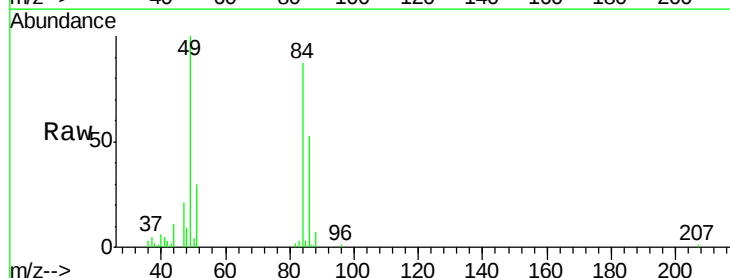
#17
 Allyl chloride
 Concen: 2.279 ug/l
 RT: 4.33 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

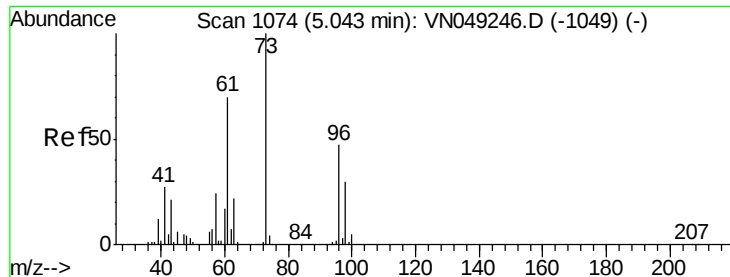
Tgt Ion: 41 Resp: 49515
 Ion Ratio Lower Upper
 41 100
 39 78.0 35.4 106.3
 76 41.3 19.7 59.1



#18
 Methylene Chloride
 Concen: 3.245 ug/l
 RT: 4.55 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

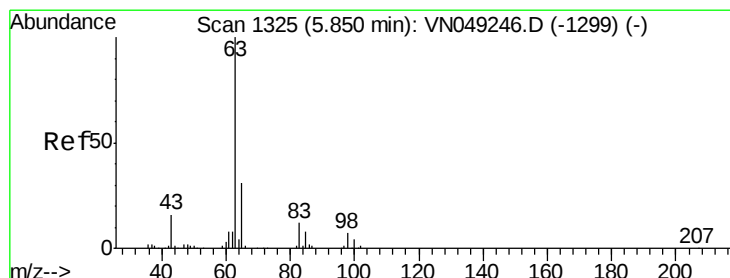
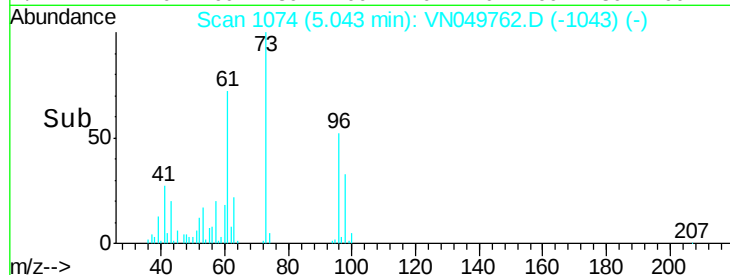
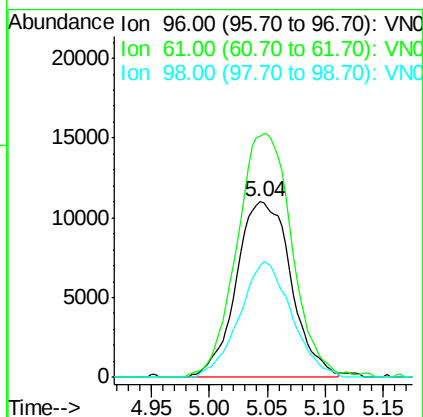
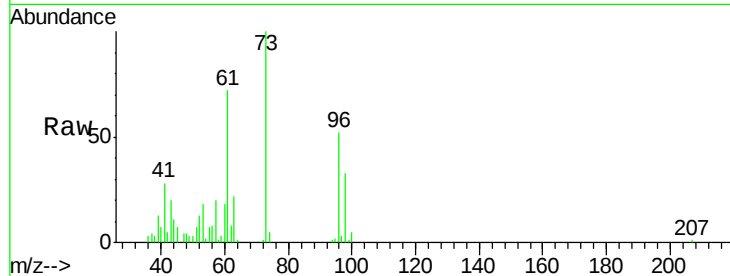
Tgt Ion: 84 Resp: 52984
 Ion Ratio Lower Upper
 84 100
 49 115.0 95.1 142.7
 51 34.6 28.8 43.2
 86 61.3 52.3 78.5





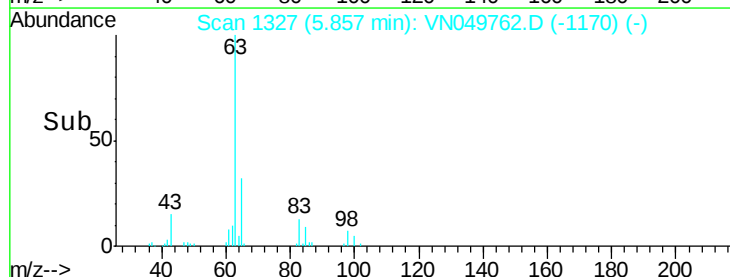
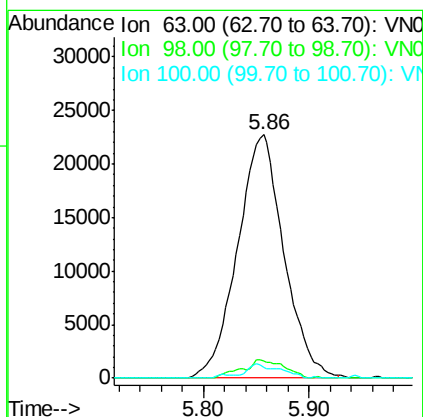
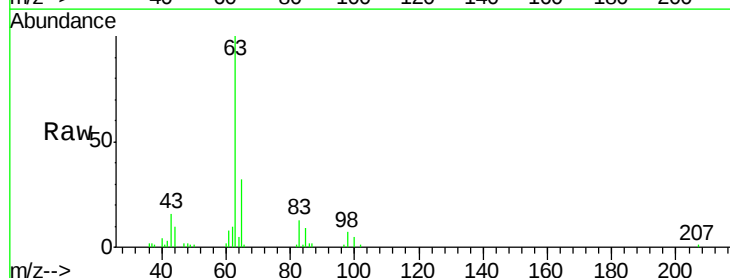
#19
trans-1,2-Dichloroethene
Concen: 2.488 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

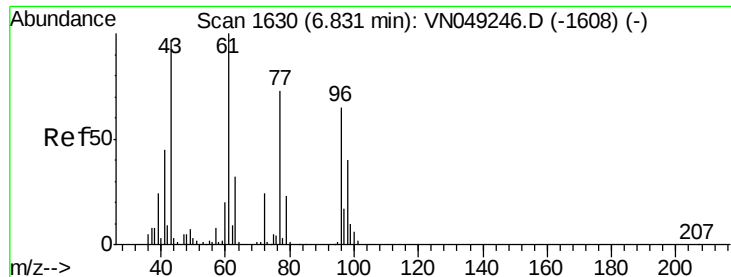
Tgt Ion: 96 Resp: 36161
Ion Ratio Lower Upper
96 100
61 135.9 112.1 168.1
98 63.8 51.3 76.9



#21
1,1-Dichloroethane
Concen: 2.576 ug/l
RT: 5.86 min Scan# 1327
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 63 Resp: 69371
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.6
100 4.6 2.3 6.8





#22

cis-1,2-Dichloroethene

Concen: 2.404 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

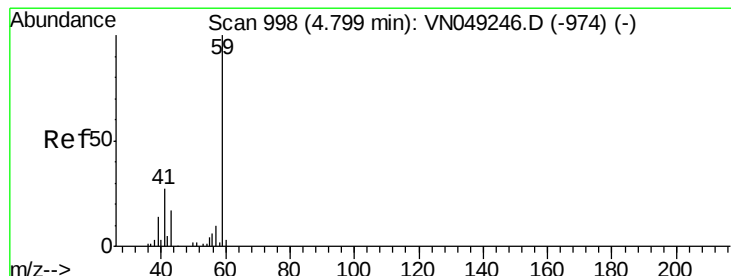
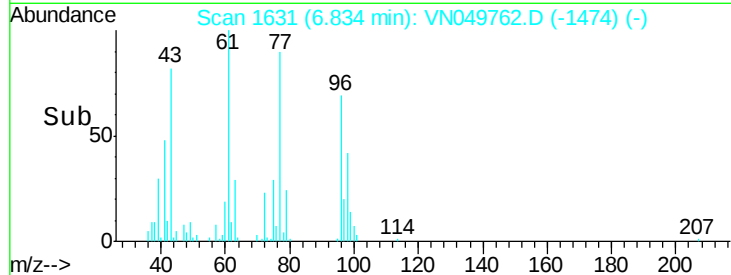
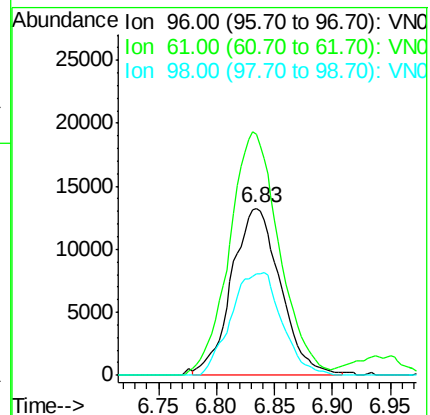
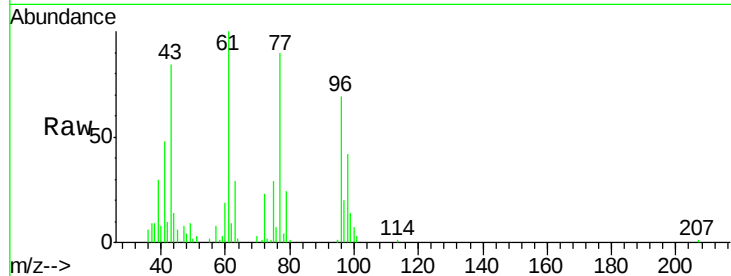
Tgt Ion: 96 Resp: 38908

Ion Ratio Lower Upper

96 100

61 148.2 114.2 171.2

98 63.9 51.7 77.5



#23

tert-Butyl Alcohol

Concen: 11.917 ug/l

RT: 4.80 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN049762.D

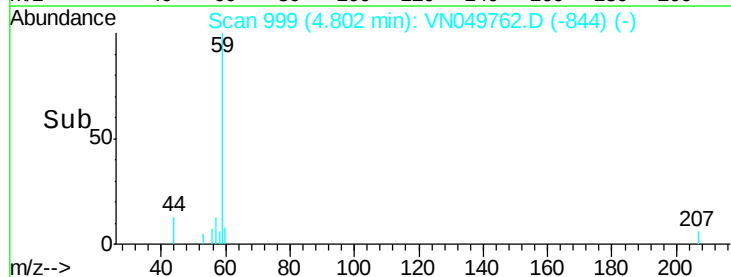
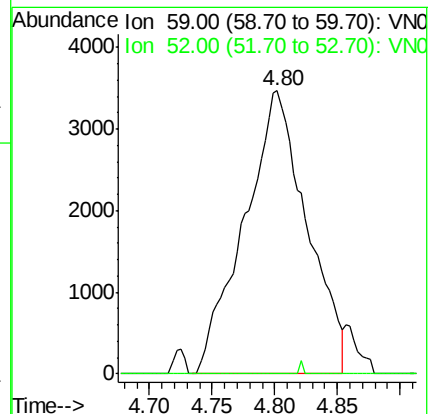
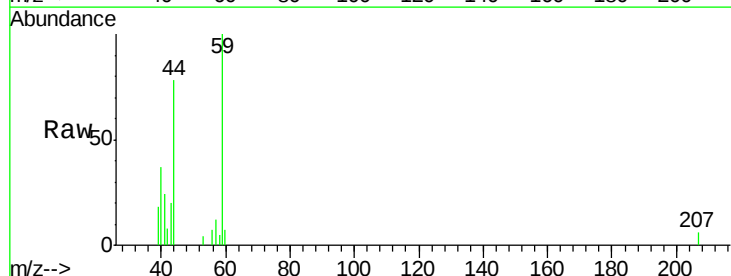
Acq: 11 Jul 2018 17:46

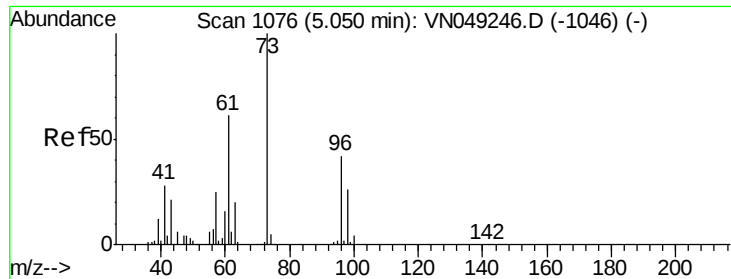
Tgt Ion: 59 Resp: 12042

Ion Ratio Lower Upper

59 100

52 0.5 0.1 0.1#

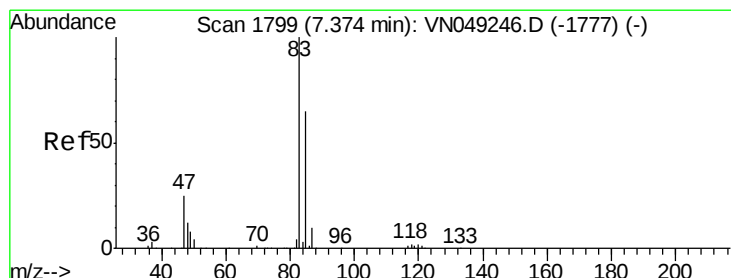
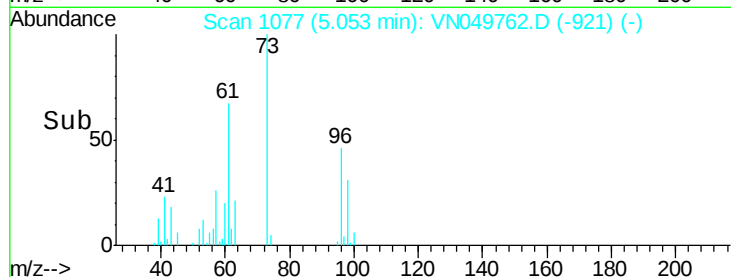
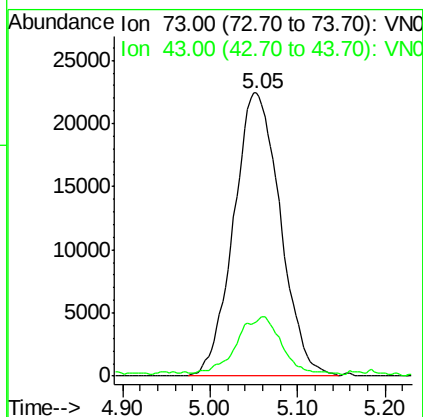
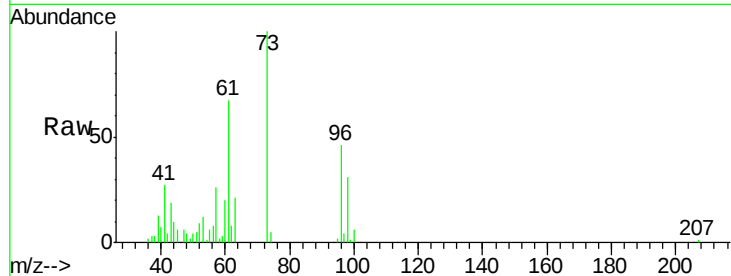




#24

Methyl tert-Butyl Ether
Concen: 2.266 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

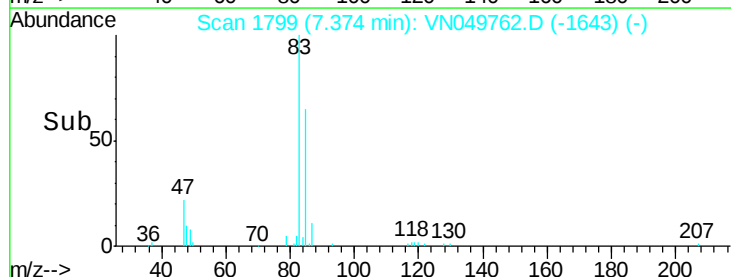
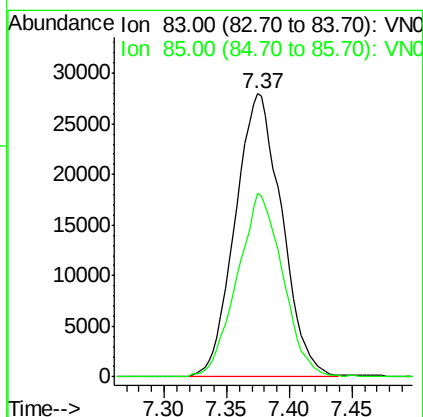
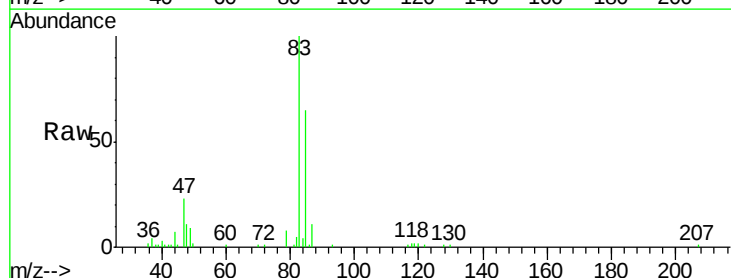
Tgt Ion: 73 Resp: 82960
Ion Ratio Lower Upper
73 100
43 6.2 15.5 23.3#

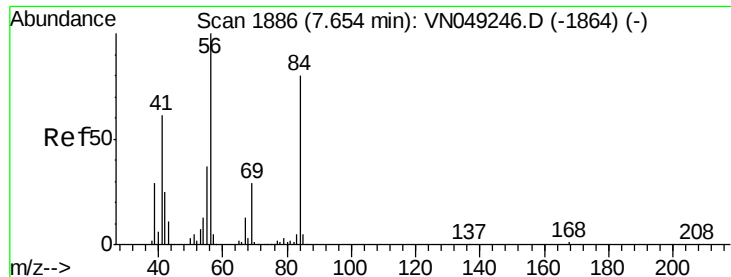


#25

Chloroform
Concen: 2.663 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

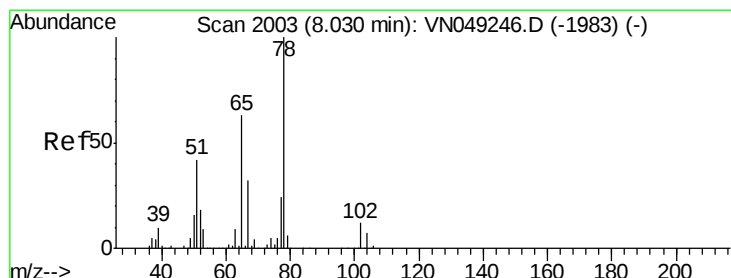
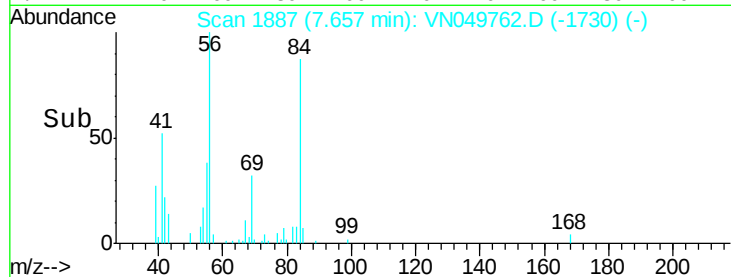
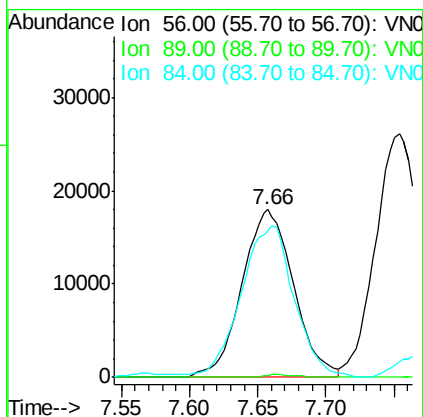
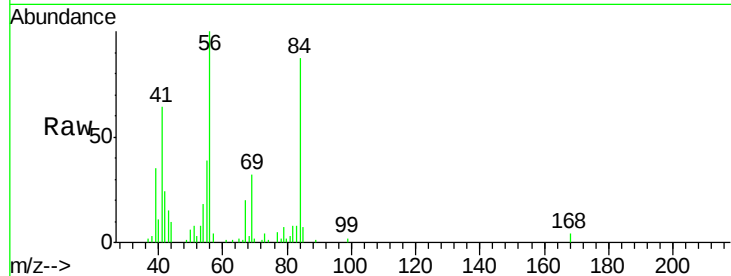
Tgt Ion: 83 Resp: 72401
Ion Ratio Lower Upper
83 100
85 64.7 52.1 78.1





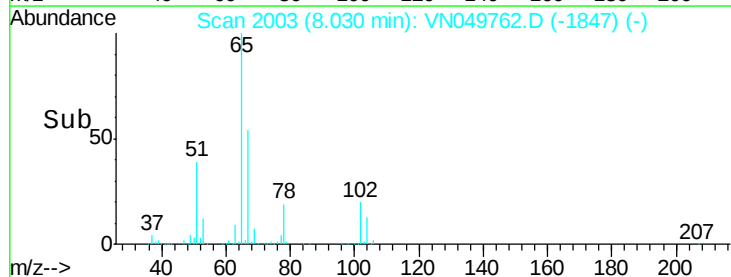
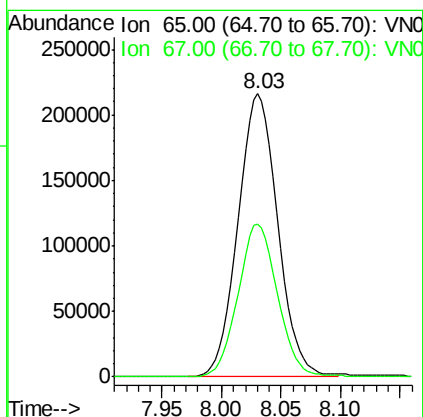
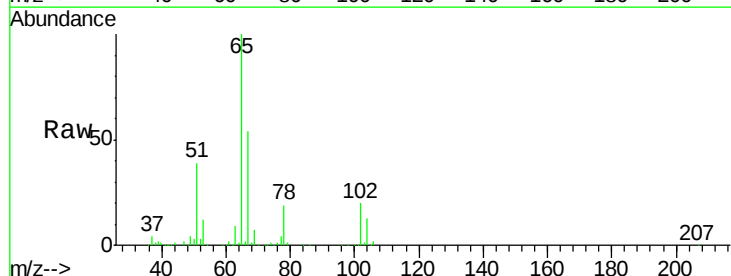
#26
Cyclohexane
Concen: 2.071 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

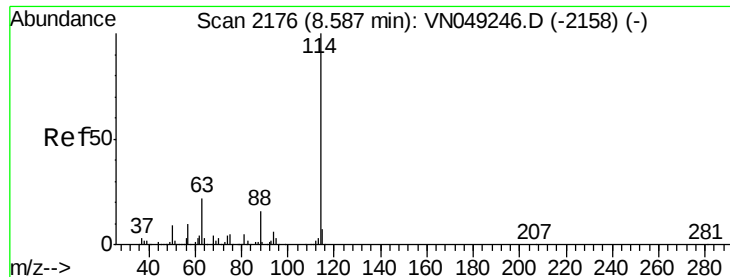
Tgt Ion: 56 Resp: 47092
Ion Ratio Lower Upper
56 100
89 0.8 3.0 4.4#
84 93.3 69.8 104.8



#27
1,2-Dichloroethane-d4
Concen: 30.872 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 65 Resp: 500273
Ion Ratio Lower Upper
65 100
67 53.7 42.7 64.1

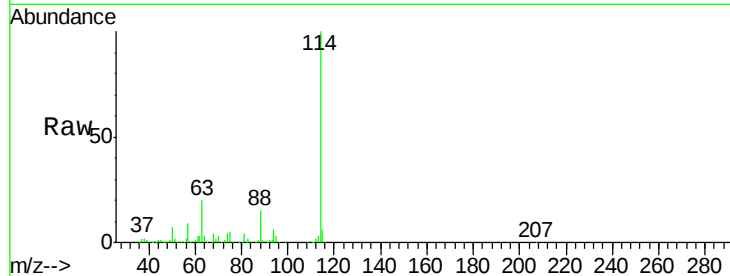




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion: 114 Resp: 1244279

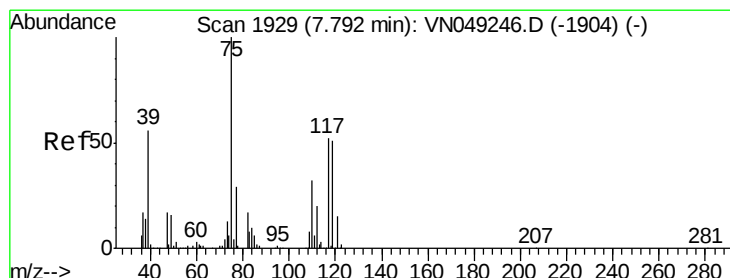
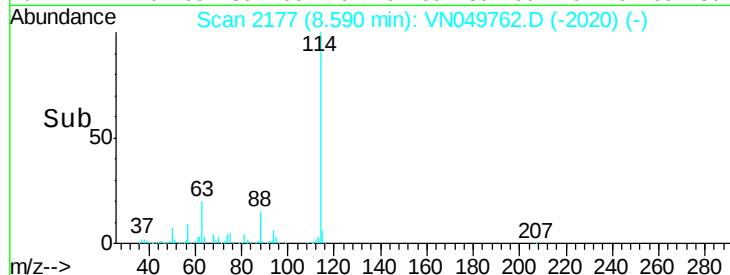
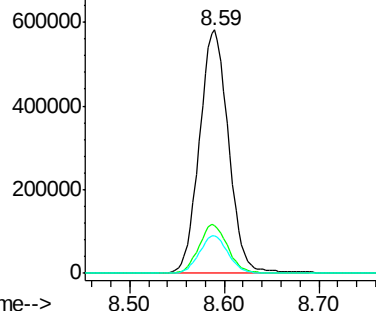
Ion	Ratio	Lower	Upper
114	100		
63	19.7	16.2	24.2
88	15.3	12.3	18.5



Abundance Ion 114.00 (113.70 to 114.70): VN049762.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN049762.D (-2158) (-)

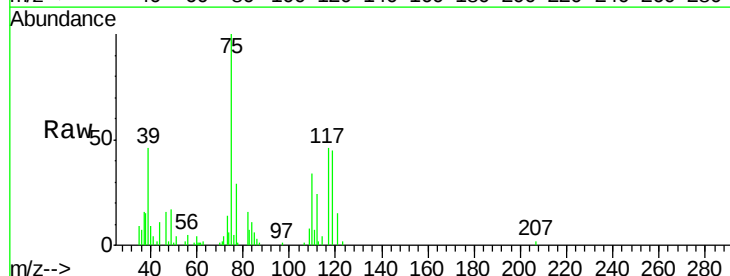
Ion 88.00 (87.70 to 88.70): VN049762.D (-2158) (-)



#29
 1,1-Dichloropropene
 Concen: 2.281 ug/l
 RT: 7.80 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion: 75 Resp: 45177

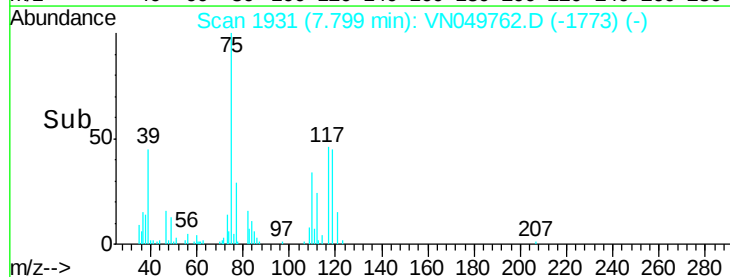
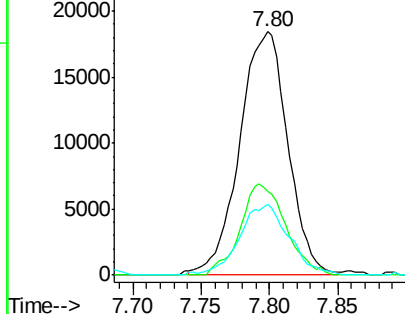
Ion	Ratio	Lower	Upper
75	100		
110	34.9	0.0	73.2
77	29.7	0.0	62.0

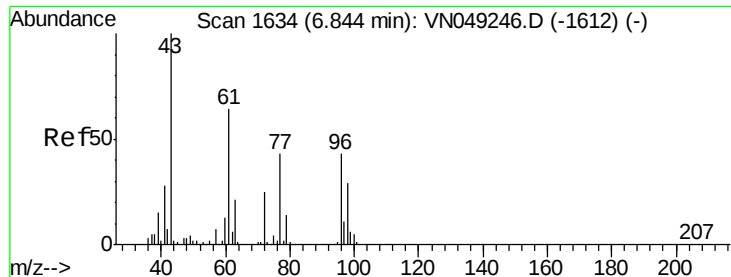


Abundance Ion 75.00 (74.70 to 75.70): VN049762.D (-1773) (-)

Ion 110.00 (109.70 to 110.70): VN049762.D (-1773) (-)

Ion 77.00 (76.70 to 77.70): VN049762.D (-1773) (-)





#30

2-Butanone

Concen: 11.722 ug/l

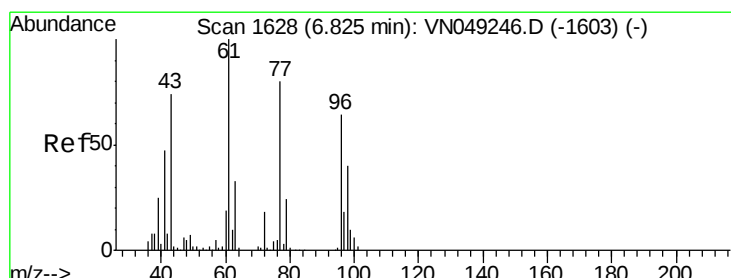
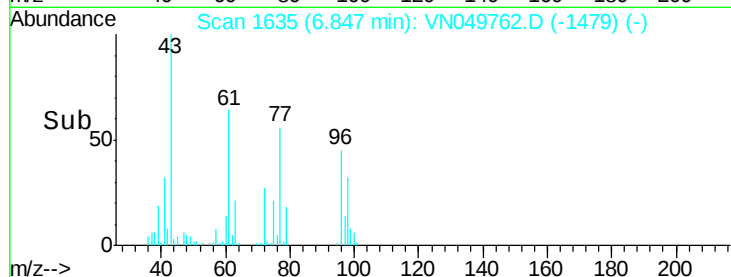
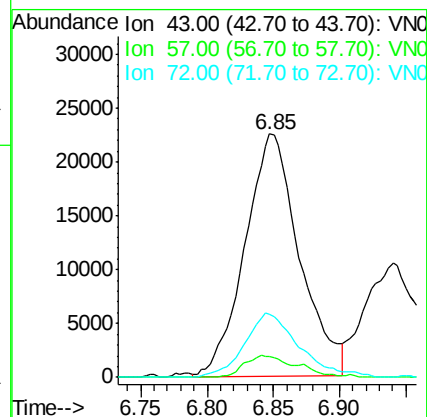
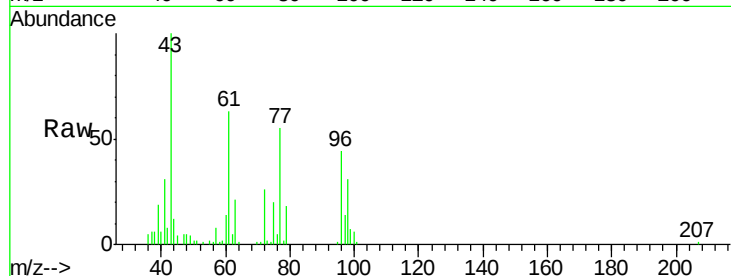
RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

Tgt Ion:	43	Resp:	64664
Ion	Ratio	Lower	Upper
43	100		
57	6.8	6.8	10.2#
72	25.9	21.4	32.0



#31

2,2-Dichloropropane

Concen: 2.438 ug/l

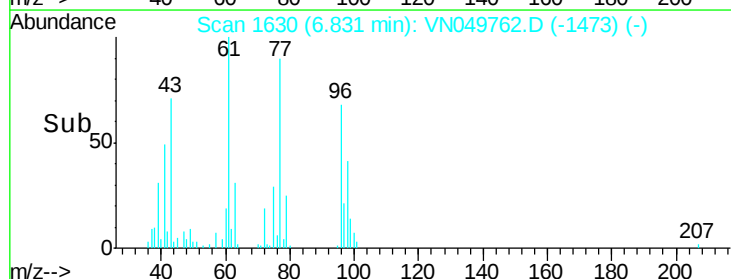
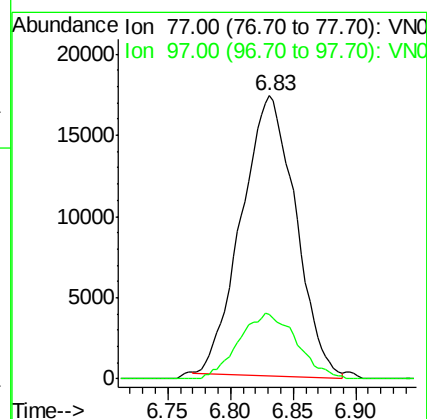
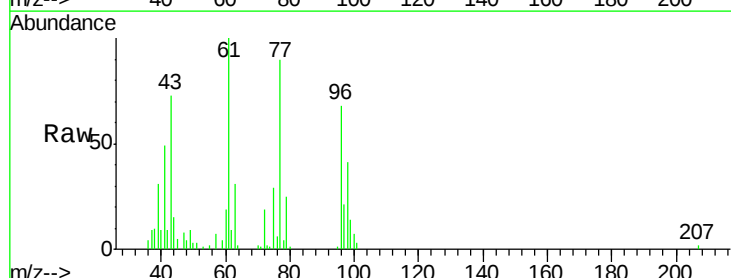
RT: 6.83 min Scan# 1630

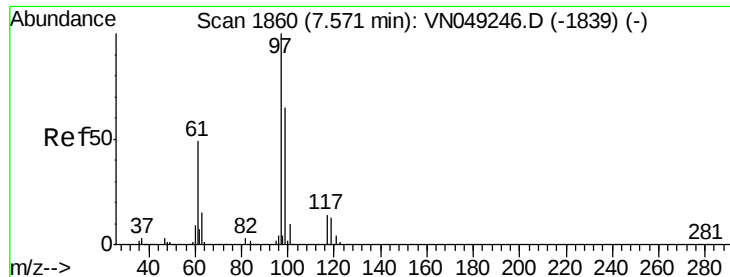
Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

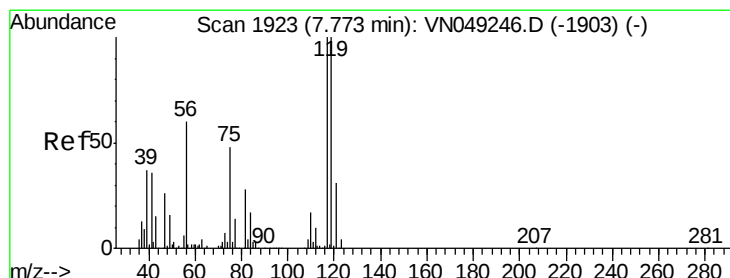
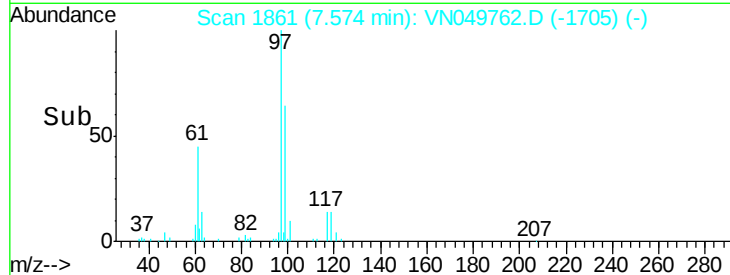
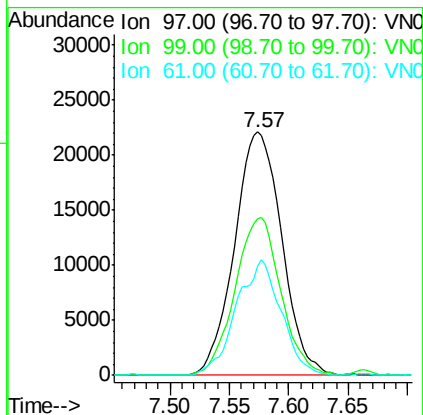
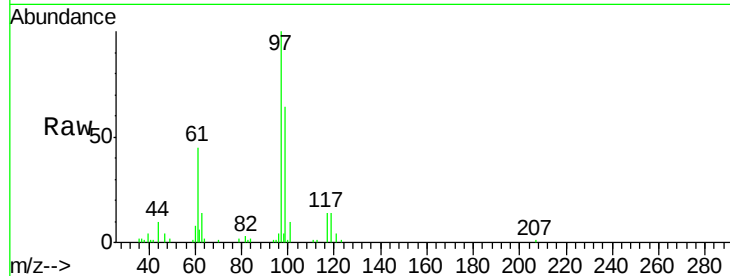
Tgt Ion:	77	Resp:	51770
Ion	Ratio	Lower	Upper
77	100		
97	24.2	18.9	28.3





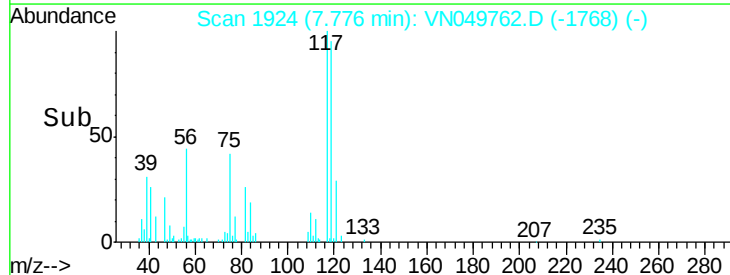
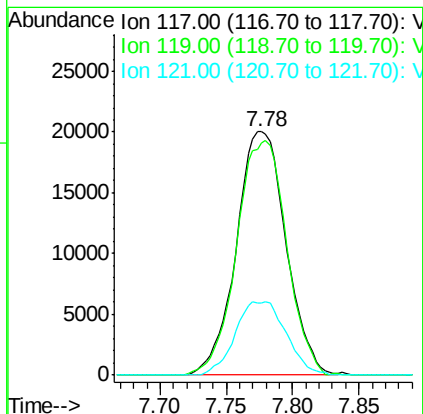
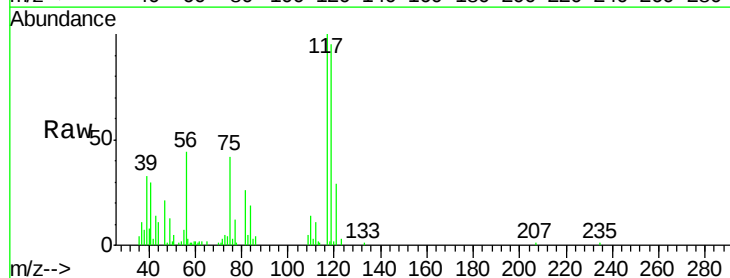
#32
 1,1,1-Trichloroethane
 Concen: 2.674 ug/l
 RT: 7.57 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

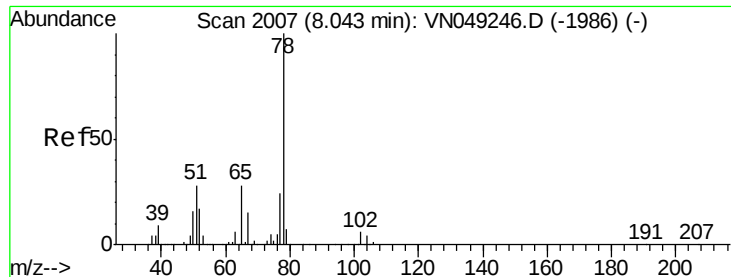
Tgt Ion:	97	Resp:	60859
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.2	76.8
61	27.9	35.3	52.9#



#33
 Carbon Tetrachloride
 Concen: 2.595 ug/l
 RT: 7.78 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion:	117	Resp:	52349
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.9	115.3
121	29.5	24.4	36.6





#34

Benzene

Concen: 2.534 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

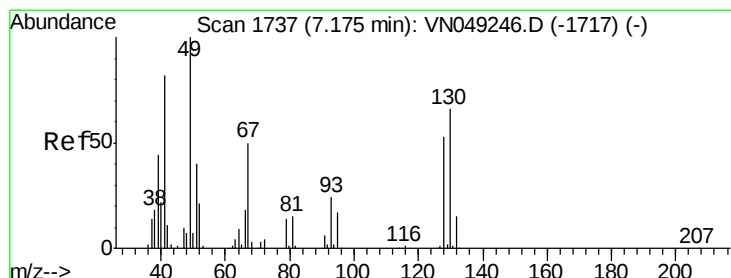
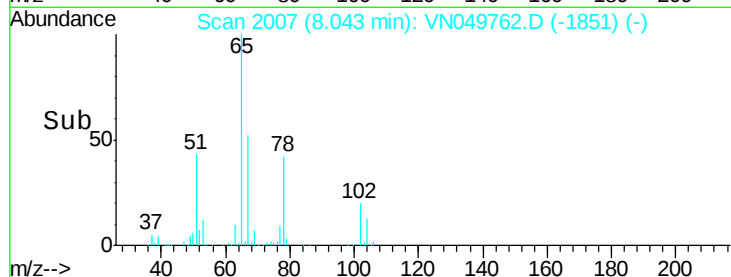
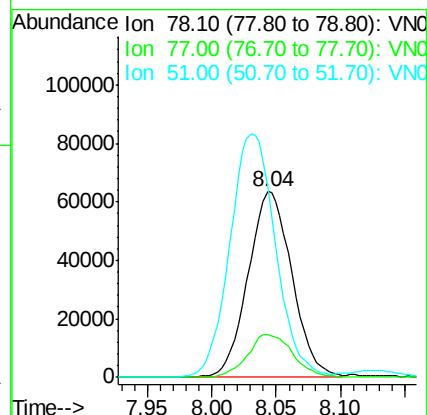
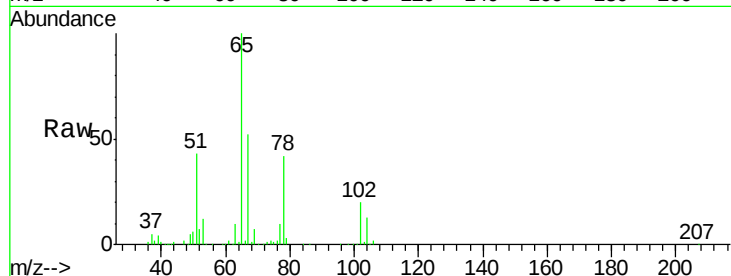
Tgt Ion: 78 Resp: 150464

Ion Ratio Lower Upper

78 100

77 23.0 19.1 28.7

51 100.3 21.0 31.4#



#35

Methacrylonitrile

Concen: 2.503 ug/l

RT: 7.18 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

Tgt Ion: 41 Resp: 15768

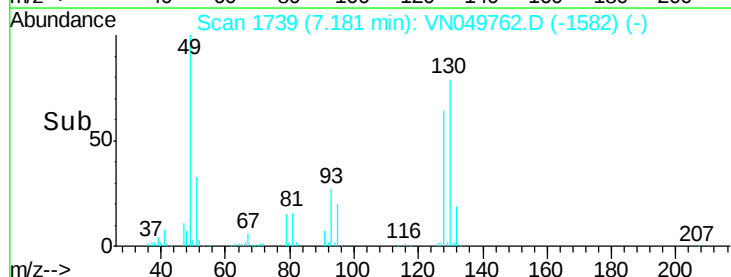
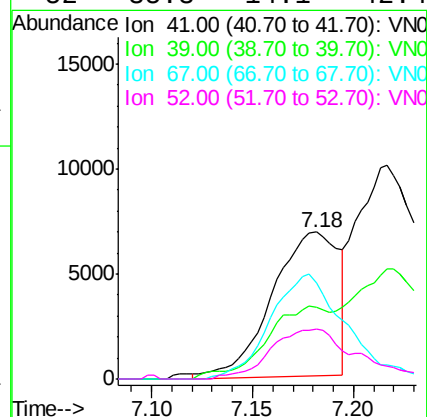
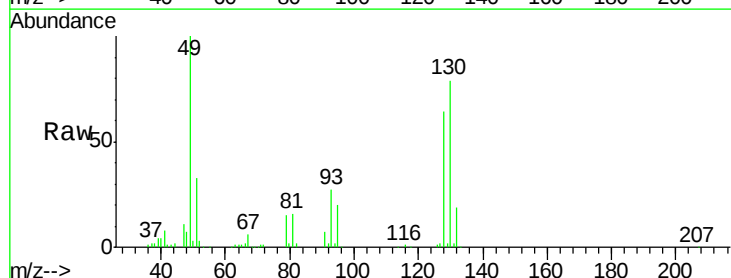
Ion Ratio Lower Upper

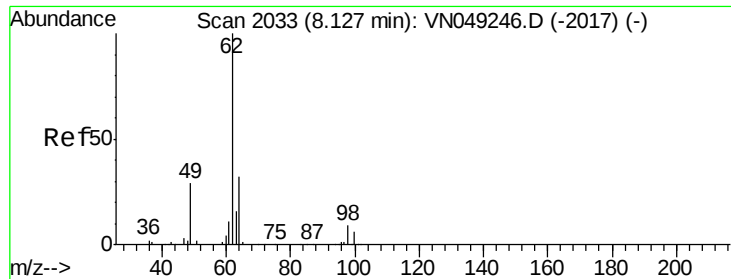
41 100

39 50.9 27.6 82.7

67 68.1 35.1 105.5

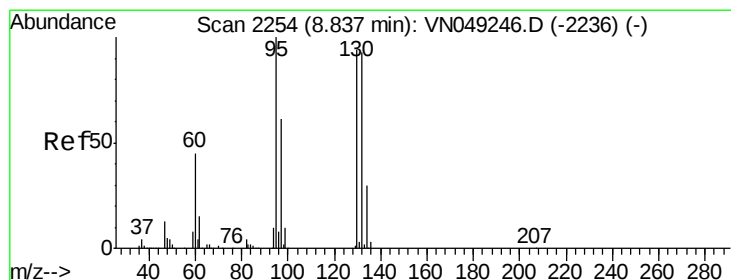
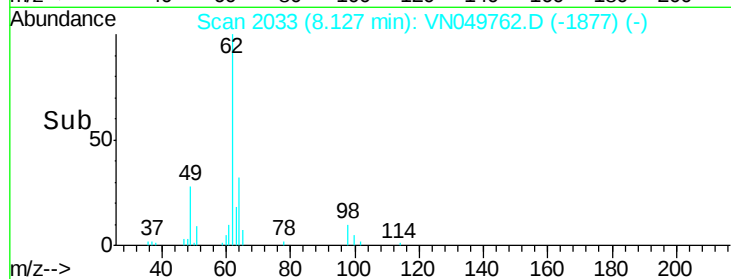
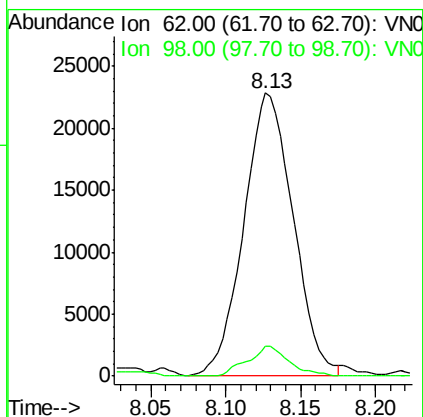
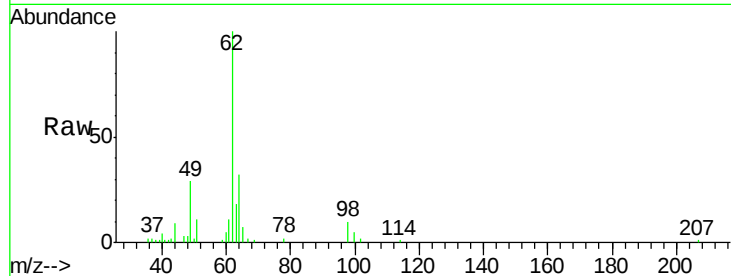
52 35.3 14.1 42.4





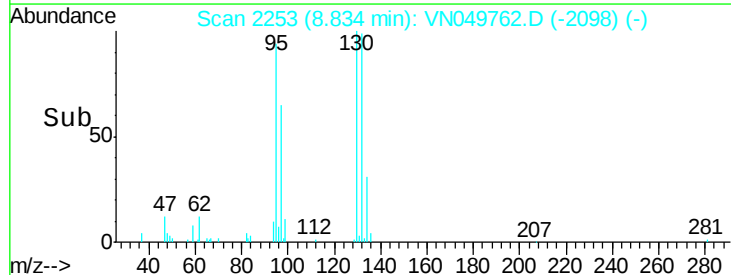
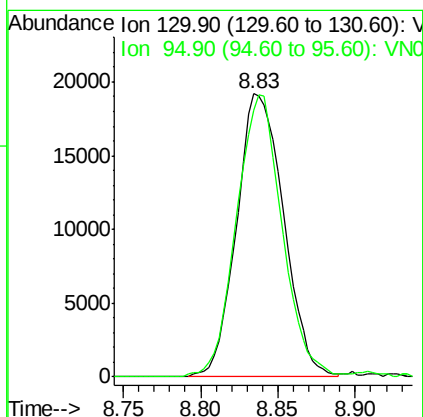
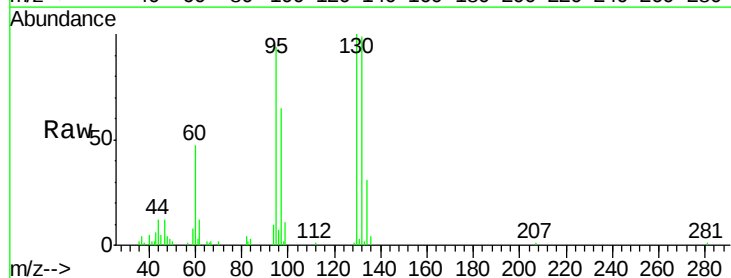
#36
 1,2-Dichloroethane
 Concen: 2.771 ug/l
 RT: 8.13 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

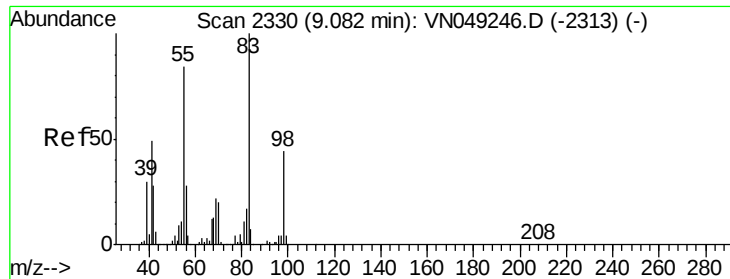
Tgt Ion: 62 Resp: 52525
 Ion Ratio Lower Upper
 62 100
 98 8.8 7.8 11.6



#37
 Trichloroethene
 Concen: 2.620 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

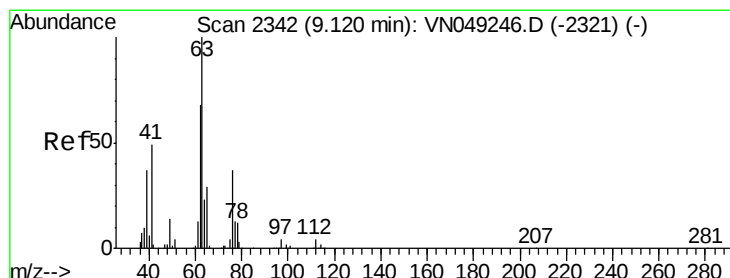
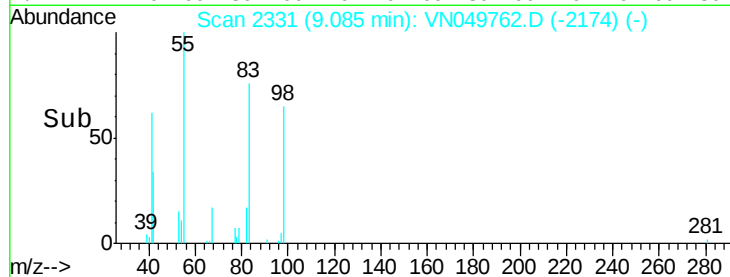
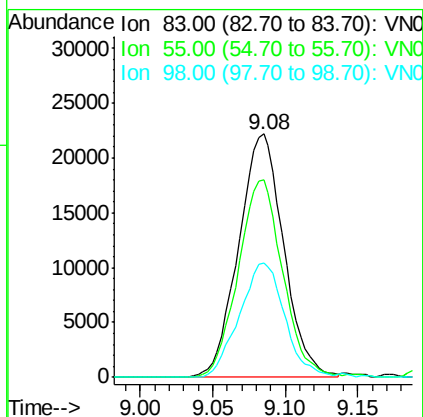
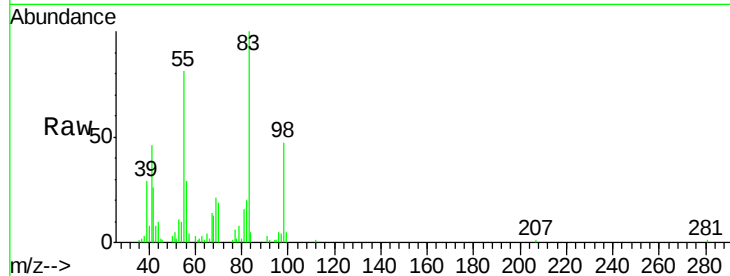
Tgt Ion: 130 Resp: 40530
 Ion Ratio Lower Upper
 130 100
 95 93.3 79.7 119.5





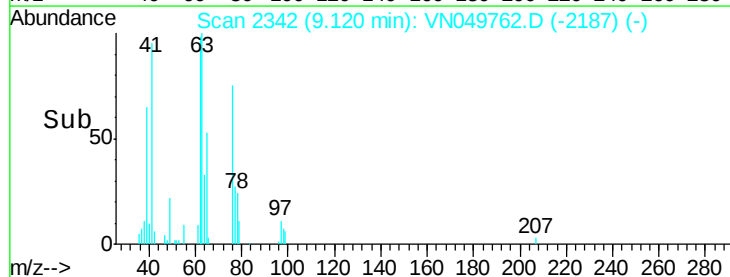
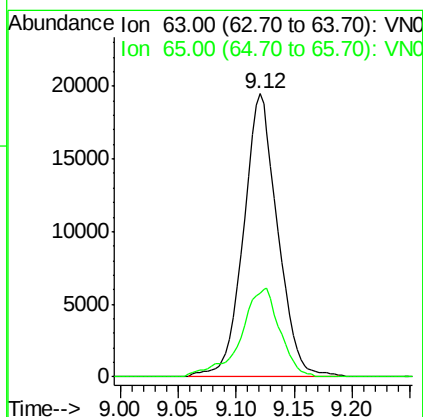
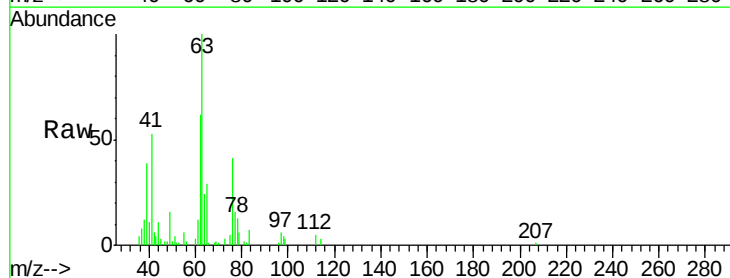
#38
Methylcyclohexane
Concen: 2.247 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

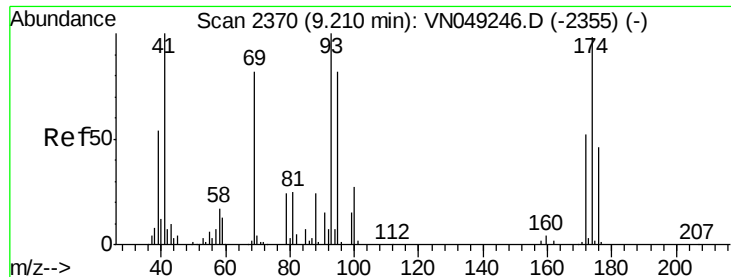
Tgt Ion: 83 Resp: 47948
Ion Ratio Lower Upper
83 100
55 80.2 39.3 117.8
98 47.1 23.0 69.0



#39
1,2-Dichloropropane
Concen: 2.594 ug/l
RT: 9.12 min Scan# 2342
Delta R.T. -0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 63 Resp: 39987
Ion Ratio Lower Upper
63 100
65 29.4 24.2 36.2





#40

Dibromomethane

Concen: 2.667 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

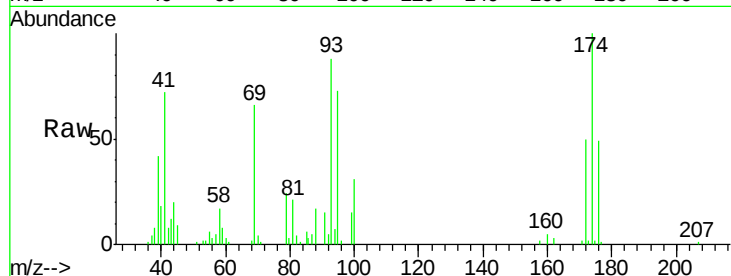
Tgt Ion: 93 Resp: 24725

Ion Ratio Lower Upper

93 100

95 80.8 0.0 165.6

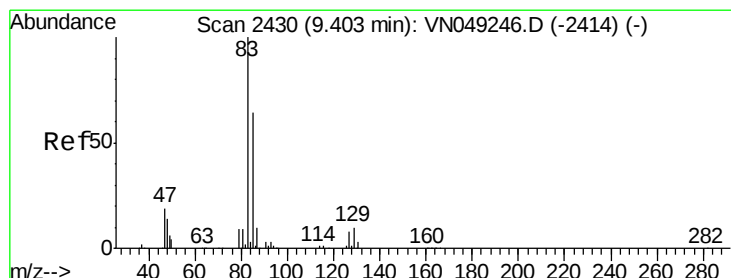
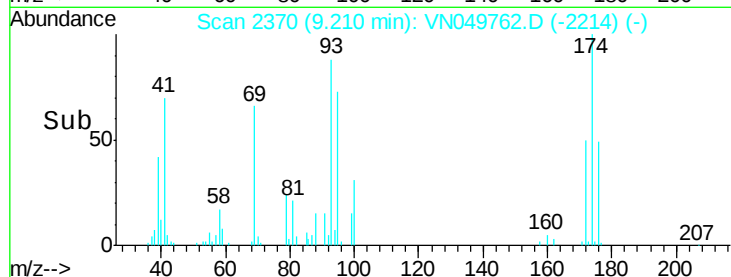
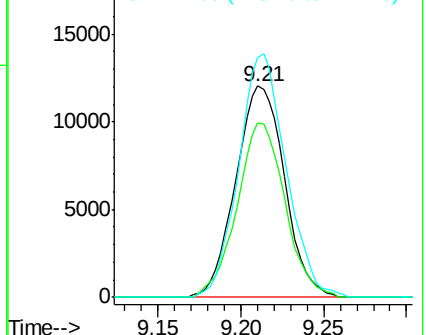
174 111.9 0.0 223.2



Abundance Ion 93.00 (92.70 to 93.70): VN049762.D (-2214) (-)

Ion 95.00 (94.70 to 95.70): VN049762.D (-2214) (-)

Ion 174.00 (173.70 to 174.70): VN049762.D (-2214) (-)



#41

Bromodichloromethane

Concen: 2.574 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

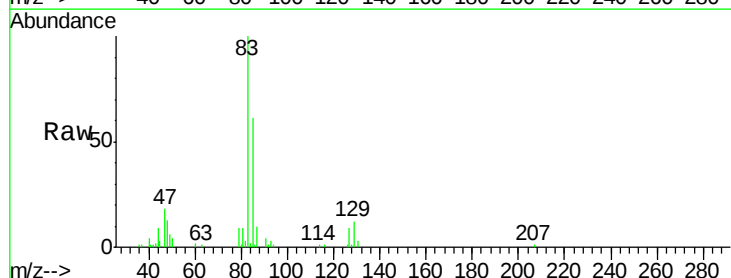
Tgt Ion: 83 Resp: 51315

Ion Ratio Lower Upper

83 100

85 61.0 52.6 78.8

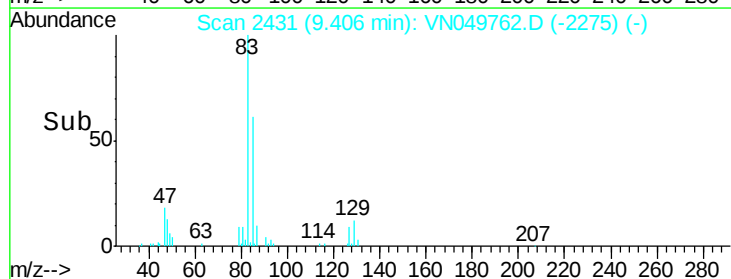
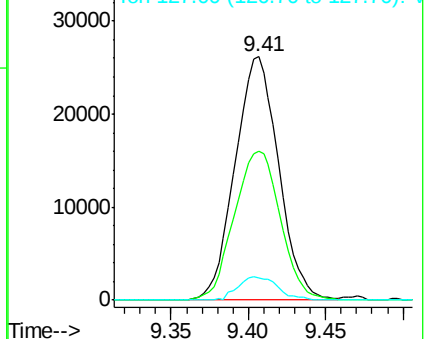
127 9.8 7.0 10.4

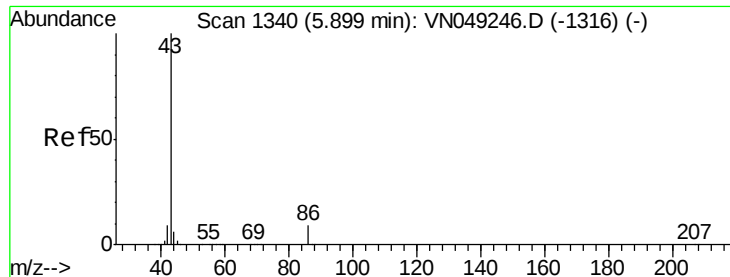


Abundance Ion 83.00 (82.70 to 83.70): VN049762.D (-2275) (-)

Ion 85.00 (84.70 to 85.70): VN049762.D (-2275) (-)

Ion 127.00 (126.70 to 127.70): VN049762.D (-2275) (-)





#42

Vinyl Acetate

Concen: 10.977 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049762.D

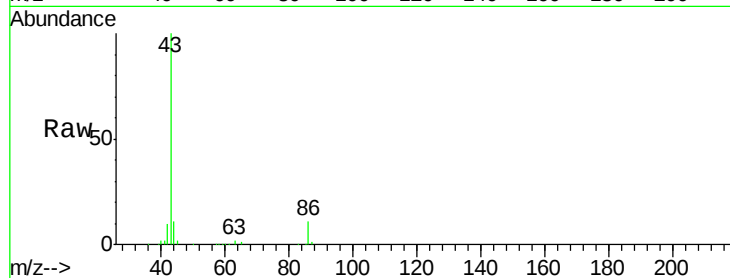
Acq: 11 Jul 2018 17:46

Tgt Ion: 43 Resp: 321324

Ion Ratio Lower Upper

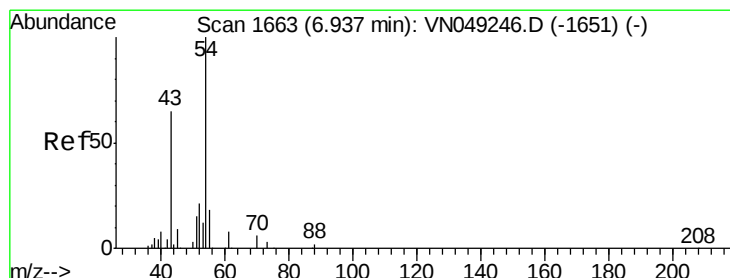
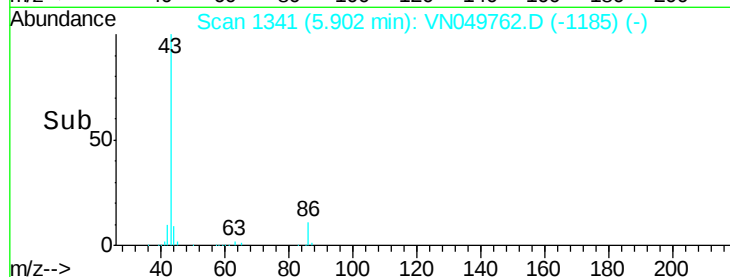
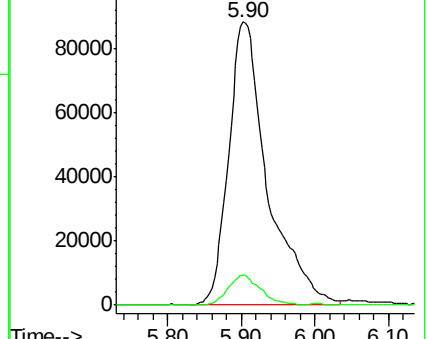
43 100

86 9.0 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN049762.D (-1341) (-)

Ion 86.00 (85.70 to 86.70): VN049762.D (-1341) (-)



#43

Ethyl Acetate

Concen: 2.655 ug/l

RT: 6.94 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VN049762.D

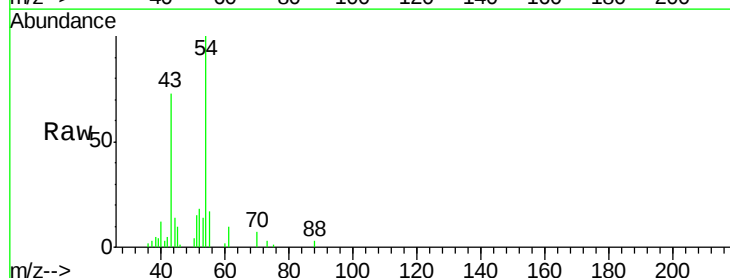
Acq: 11 Jul 2018 17:46

Tgt Ion: 43 Resp: 30921

Ion Ratio Lower Upper

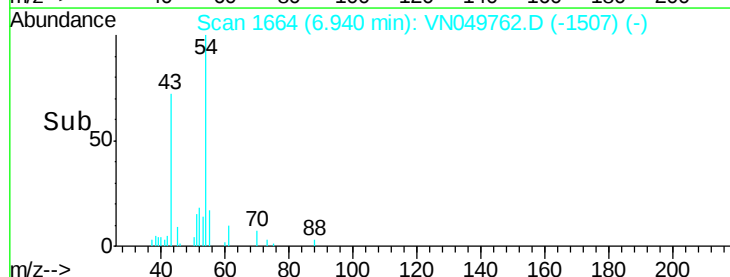
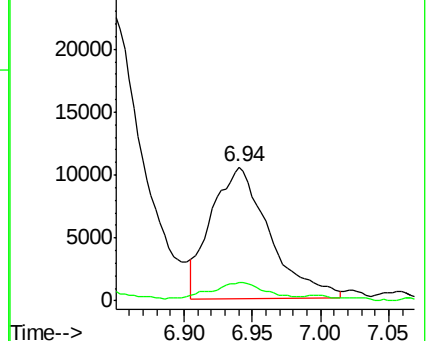
43 100

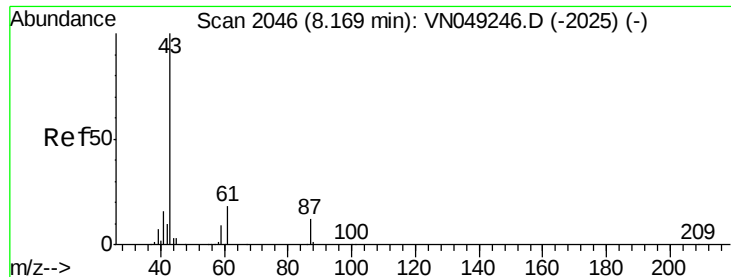
45 11.6 13.0 19.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049762.D (-1664) (-)

Ion 45.00 (44.70 to 45.70): VN049762.D (-1664) (-)





#44

Isopropyl Acetate

Concen: 2.454 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049762.D

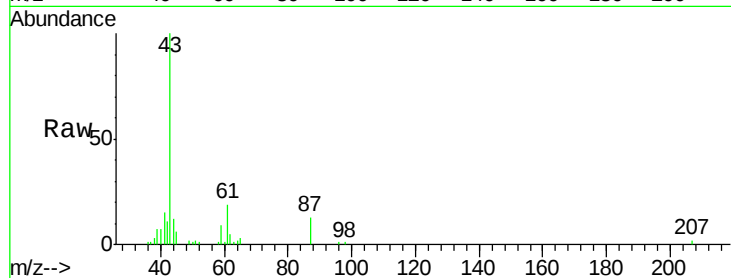
Acq: 11 Jul 2018 17:46

Tgt Ion: 43 Resp: 53453

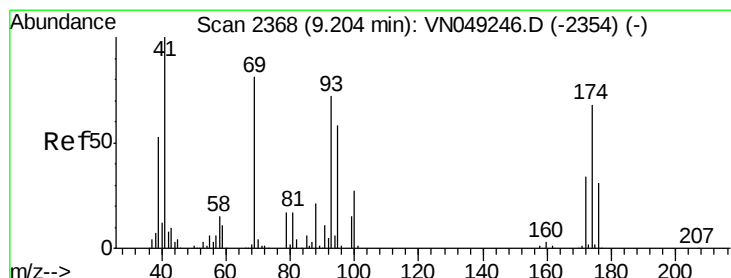
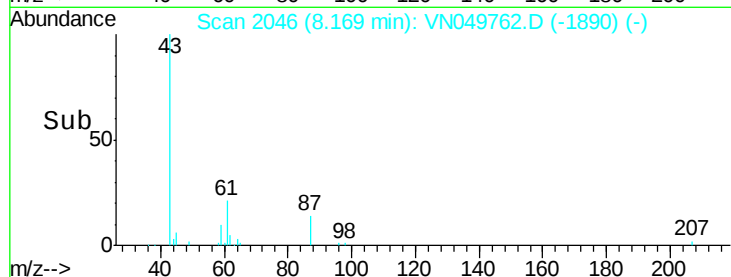
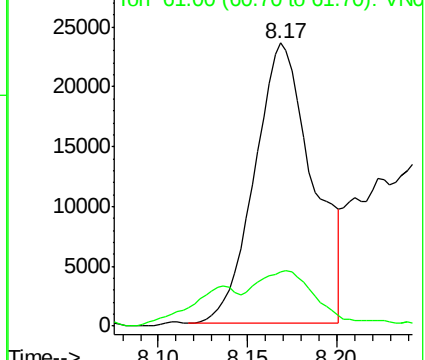
Ion Ratio Lower Upper

43 100

61 17.8 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN049762.D (-2213) (-)



#45

1,4-Dioxane

Concen: 16.710 ug/l

RT: 9.19 min Scan# 2365

Delta R.T. -0.01 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

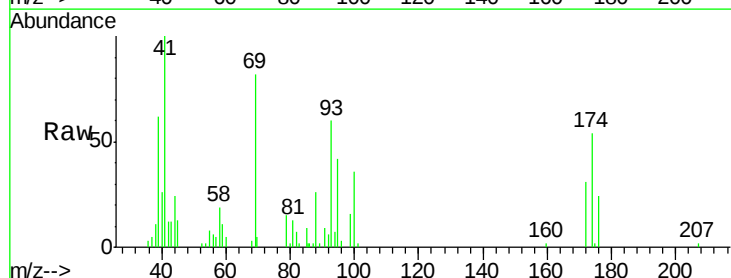
Tgt Ion: 88 Resp: 2396

Ion Ratio Lower Upper

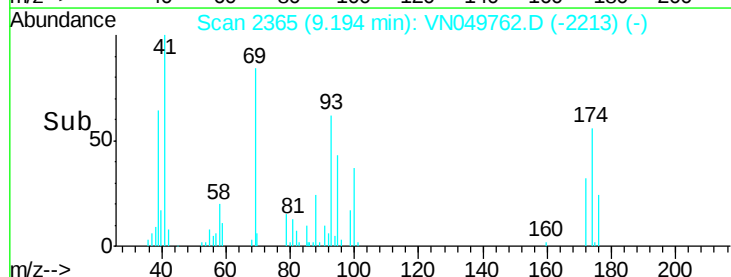
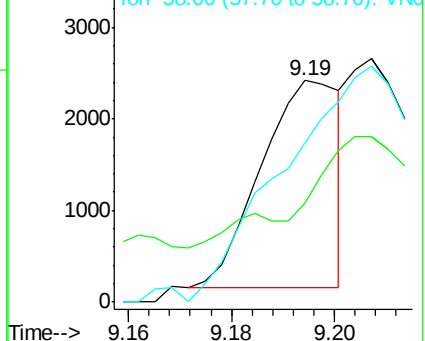
88 100

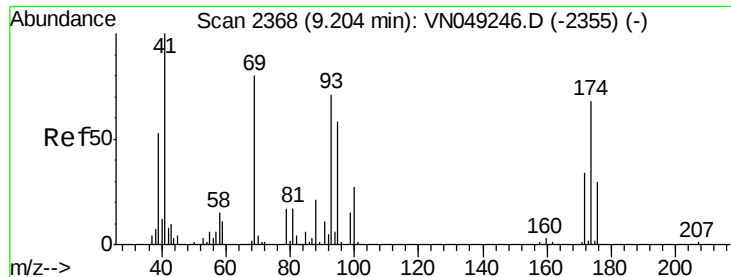
43 12.2 26.9 40.3#

58 0.0 53.6 80.4#



Abundance Ion 88.00 (87.70 to 88.70): VN049762.D (-2213) (-)





#46

Methyl methacrylate

Concen: 2.060 ug/l

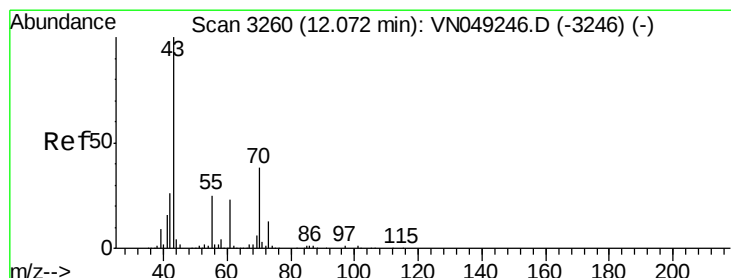
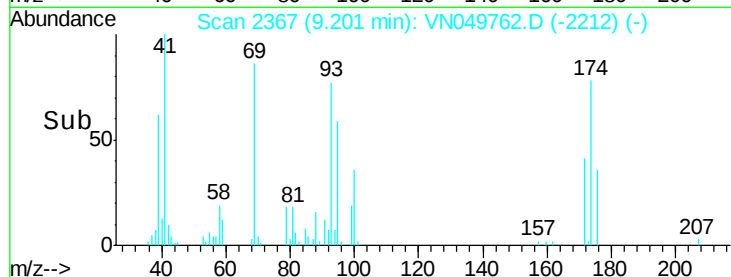
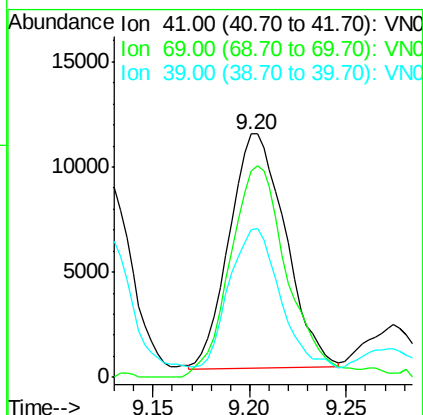
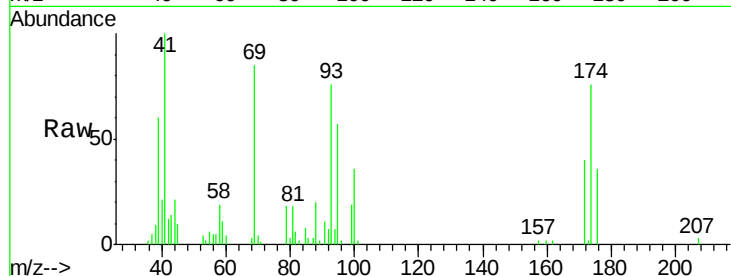
RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

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



#47

n-amyl Acetate

Concen: 1.657 ug/l

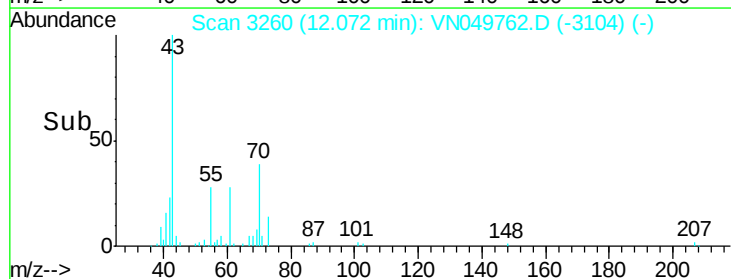
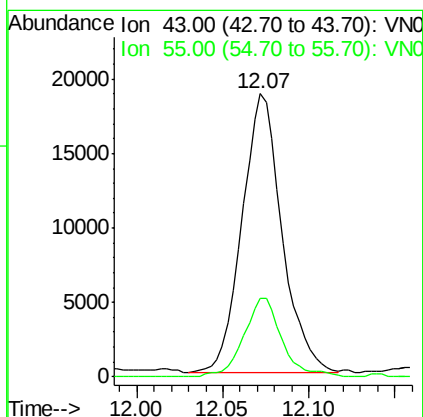
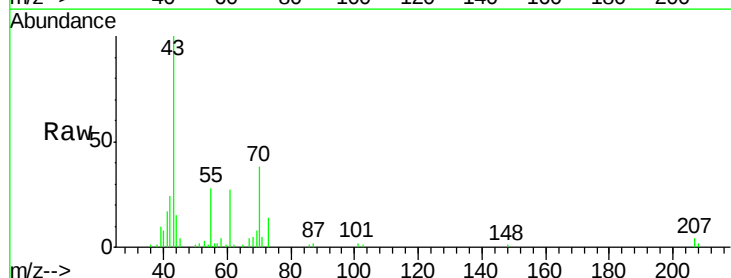
RT: 12.07 min Scan# 3260

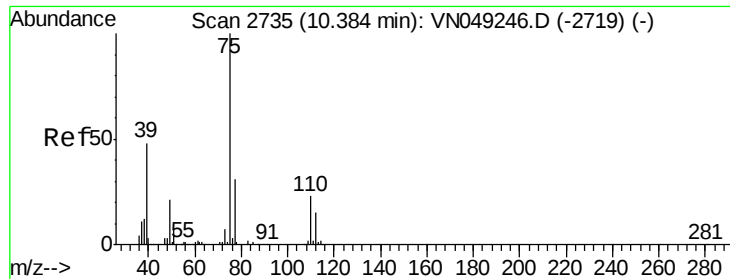
Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

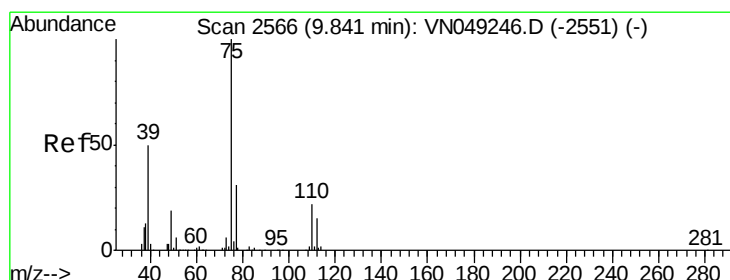
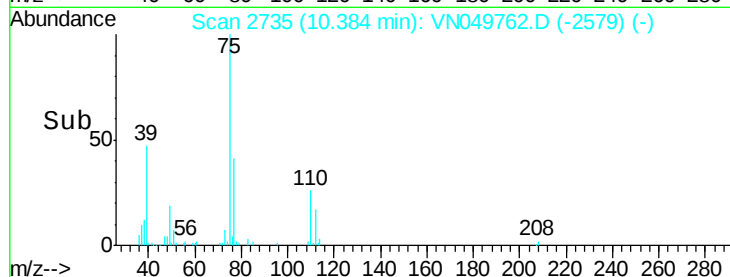
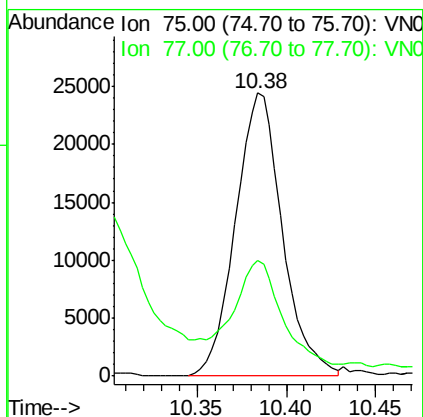
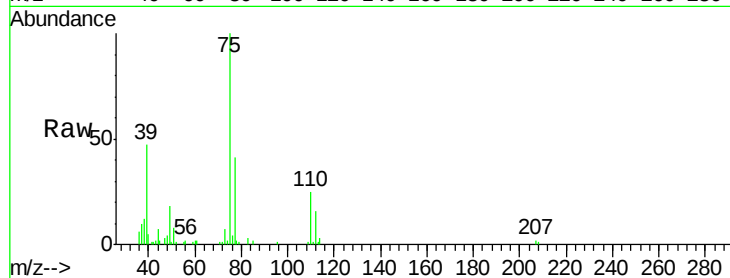
Tgt Ion:	43	Resp:	30402
Ion	Ratio	Lower	Upper
43	100		
55	25.9	21.0	31.4





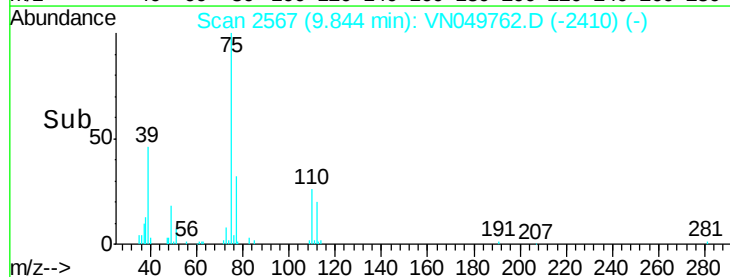
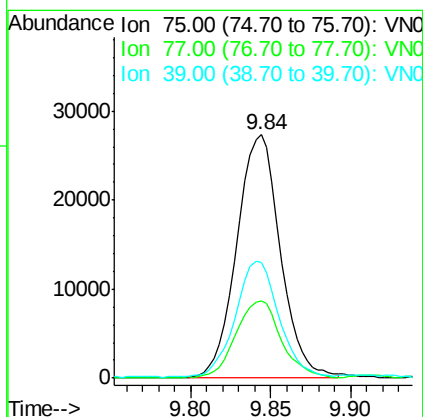
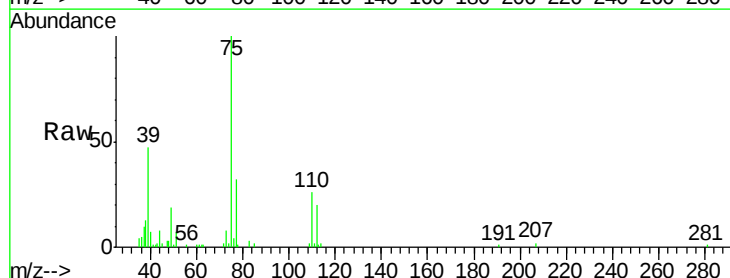
#48
t-1,3-Dichloropropene
Concen: 2.231 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

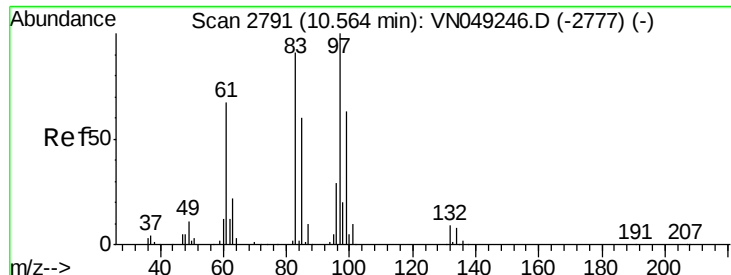
Tgt Ion: 75 Resp: 44824
Ion Ratio Lower Upper
75 100
77 36.8 24.6 37.0



#49
cis-1,3-Dichloropropene
Concen: 2.201 ug/l
RT: 9.84 min Scan# 2567
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

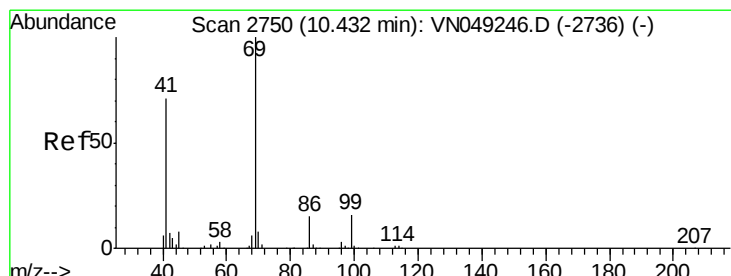
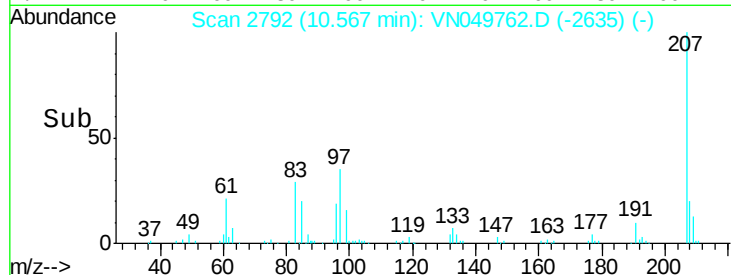
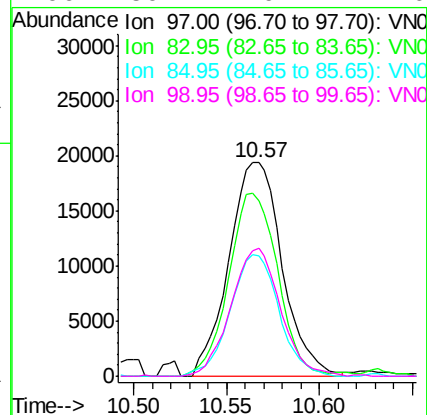
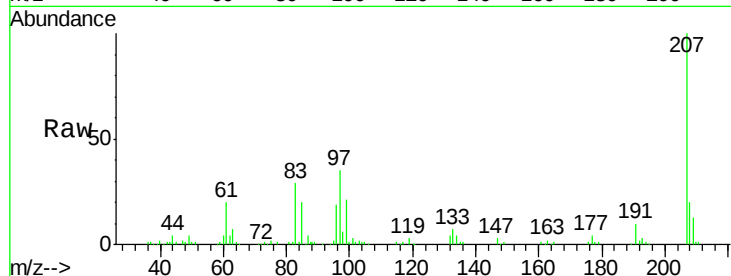
Tgt Ion: 75 Resp: 50902
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 46.4 36.3 54.5





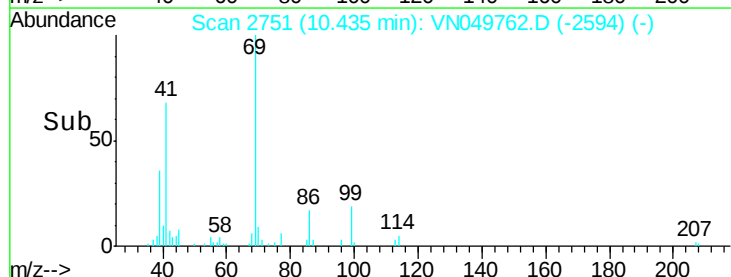
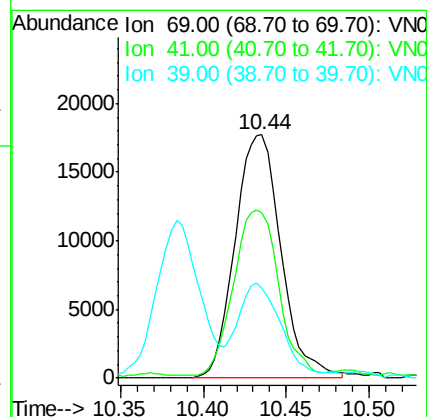
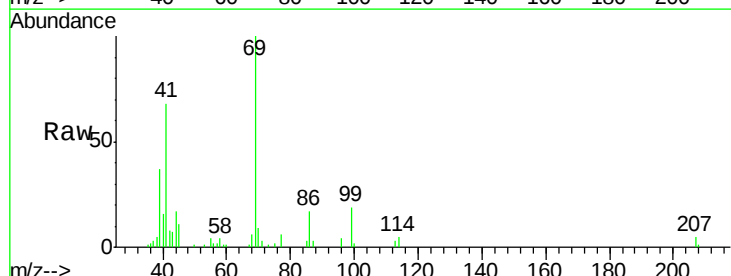
#50
 1,1,2-Trichloroethane
 Concen: 2.866 ug/l
 RT: 10.57 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

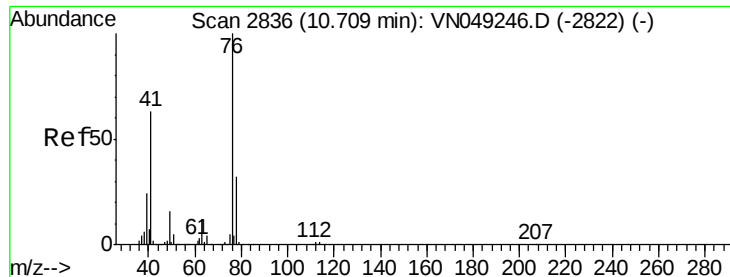
Tgt Ion:	97	Resp:	38633
Ion	Ratio	Lower	Upper
97	100		
83	80.1	68.1	102.1
85	56.6	45.4	68.2
99	59.4	49.4	74.0



#51
 Ethyl methacrylate
 Concen: 2.077 ug/l
 RT: 10.44 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion:	69	Resp:	34166
Ion	Ratio	Lower	Upper
69	100		
41	67.0	31.9	95.9
39	34.9	16.7	50.1





#52

1,3-Dichloropropane

Concen: 2.572 ug/l

RT: 10.71 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN049762.D

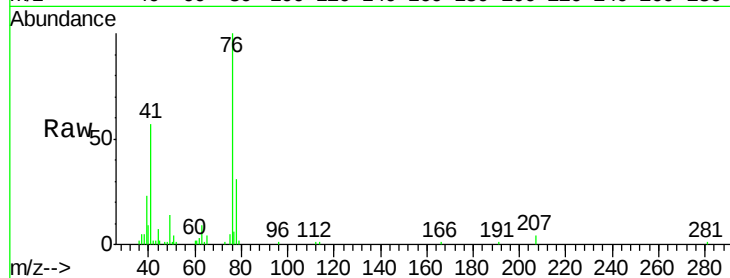
Acq: 11 Jul 2018 17:46

Tgt Ion: 76 Resp: 56940

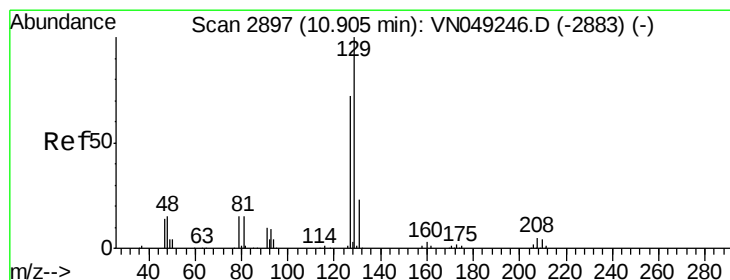
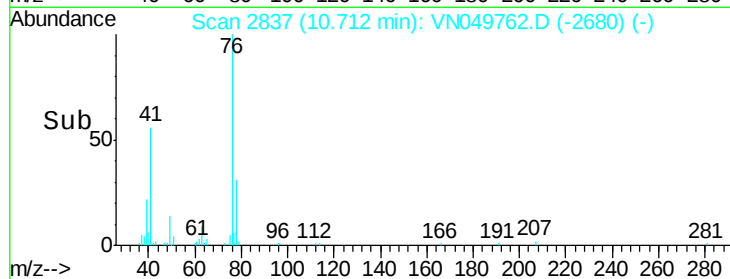
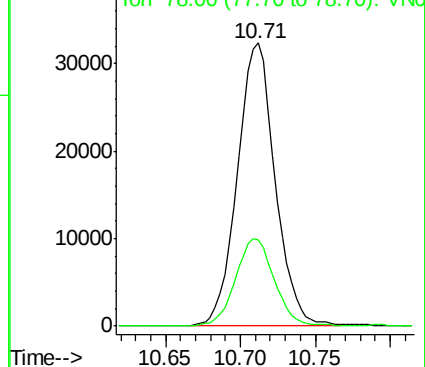
Ion Ratio Lower Upper

76 100

78 31.6 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VN049762.D (-2837) (-)



#53

Dibromochloromethane

Concen: 2.380 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049762.D

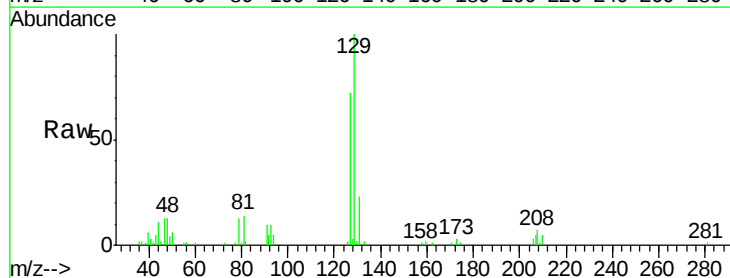
Acq: 11 Jul 2018 17:46

Tgt Ion: 129 Resp: 36274

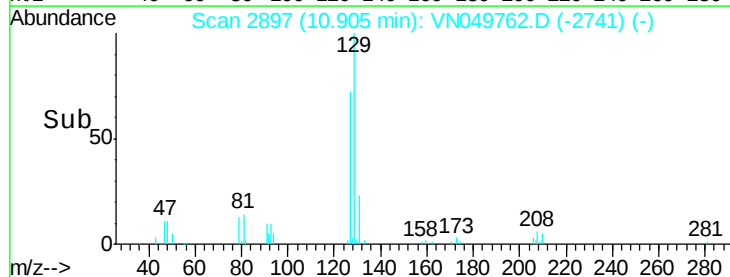
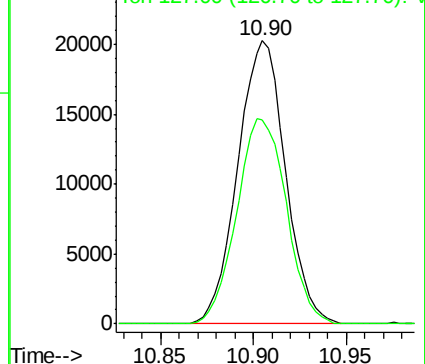
Ion Ratio Lower Upper

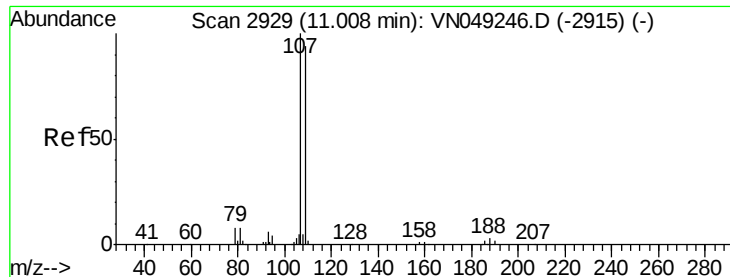
129 100

127 75.6 38.1 114.5



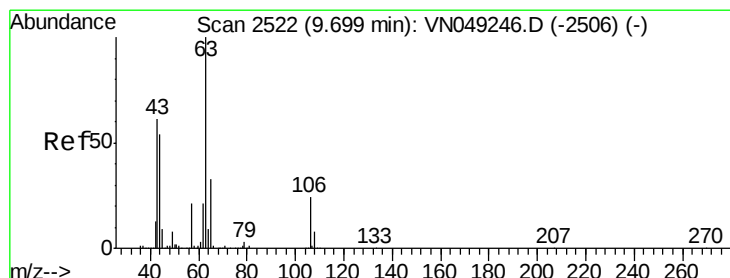
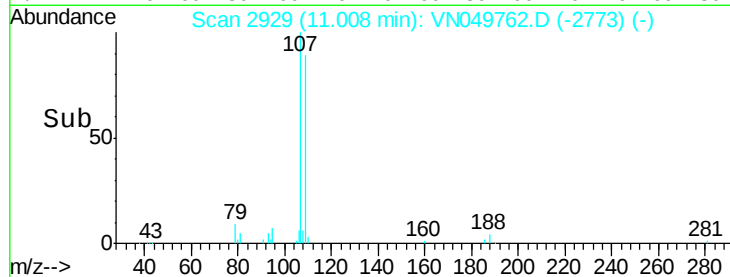
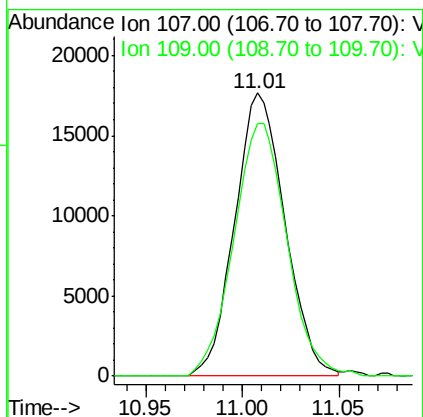
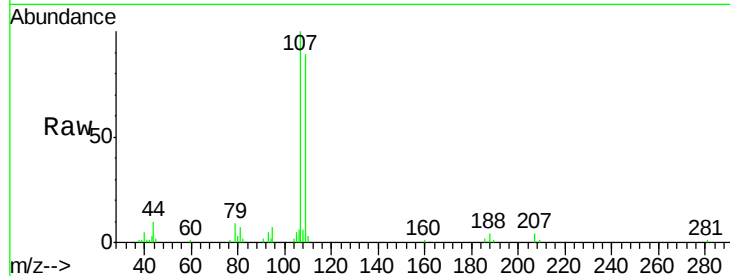
Abundance Ion 129.00 (128.70 to 129.70): VN049762.D (-2897) (-)





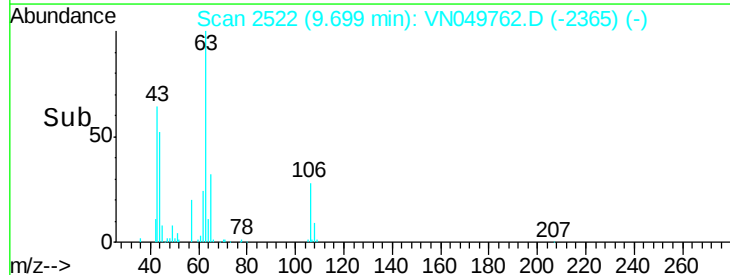
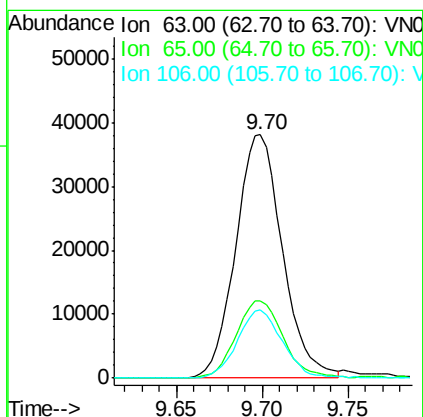
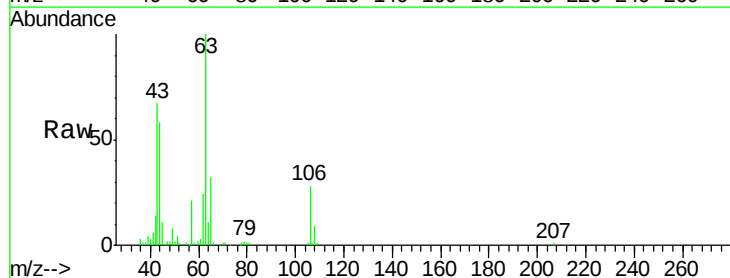
#54
 1,2-Dibromoethane
 Concen: 2.433 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

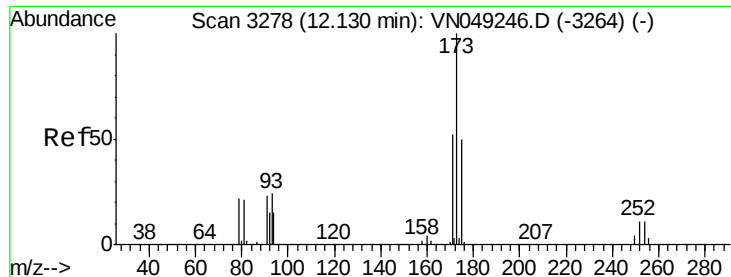
Tgt Ion: 107 Resp: 31876
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.2 114.2



#55
 2-Chloroethyl vinyl ether
 Concen: 8.580 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

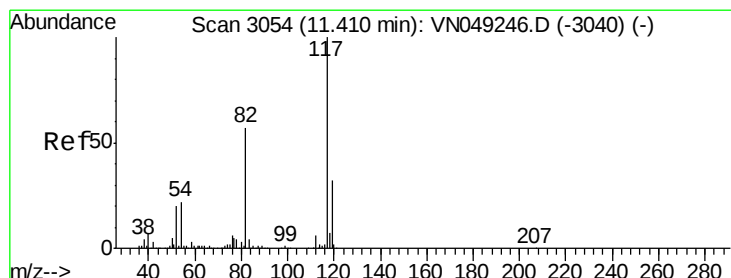
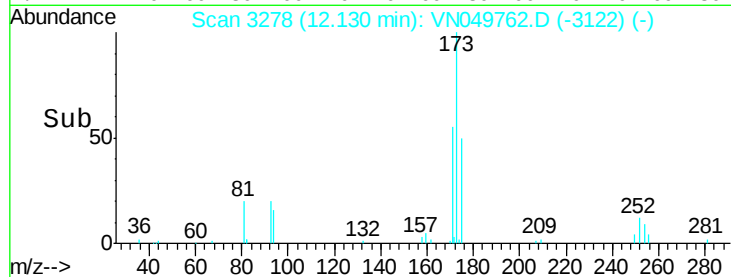
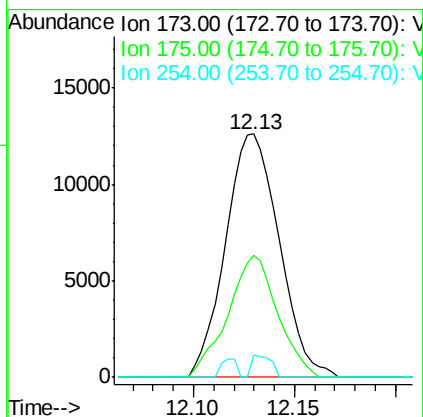
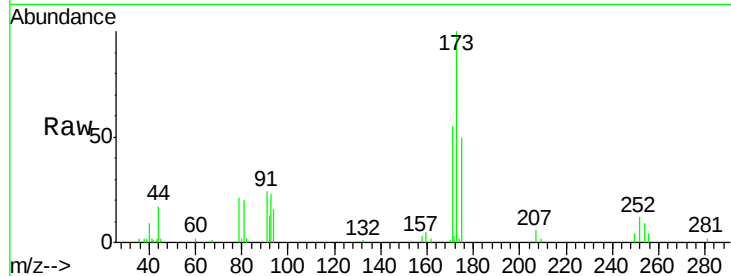
Tgt Ion: 63 Resp: 71872
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3
 106 27.0 21.8 32.6





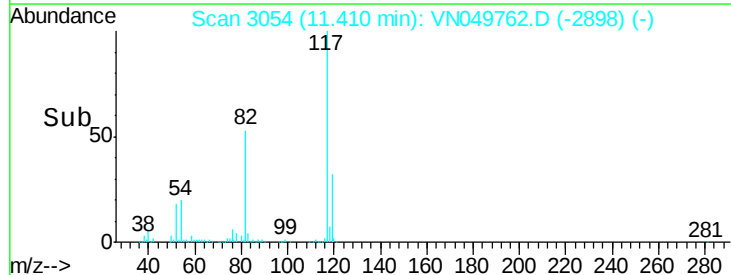
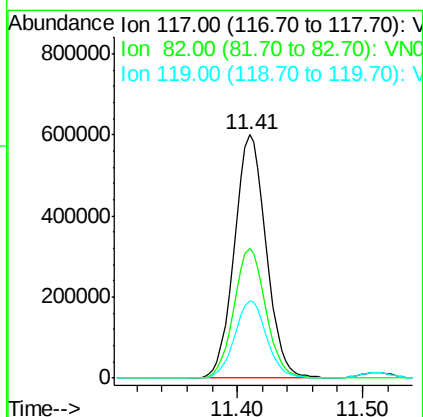
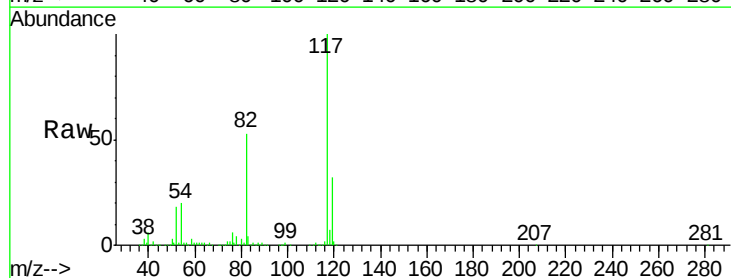
#56
Bromoform
Concen: 2.246 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

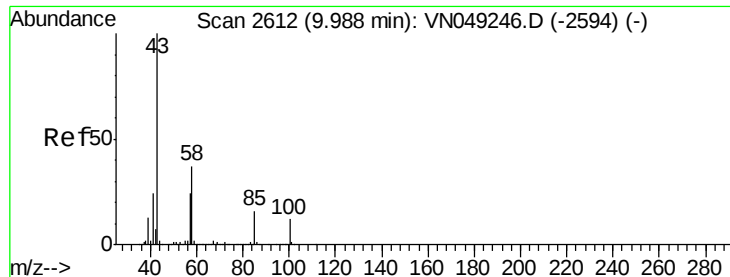
Tgt Ion:173 Resp: 23446
Ion Ratio Lower Upper
173 100
175 46.3 38.6 57.8
254 3.3 8.8 13.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

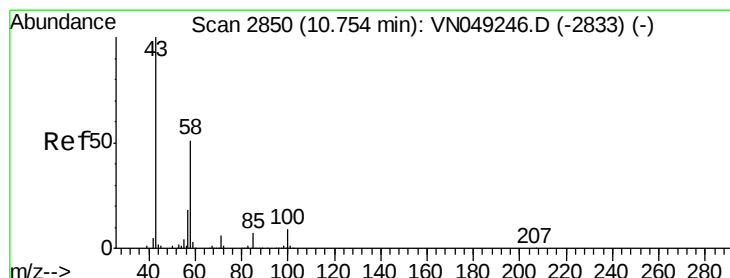
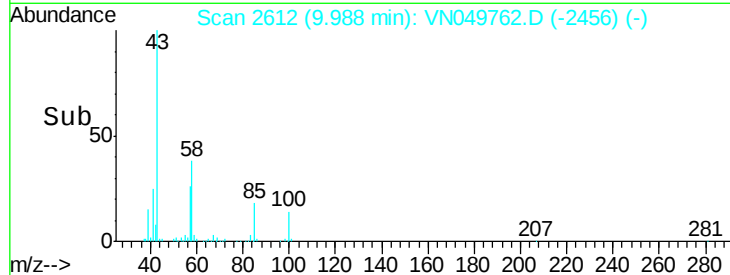
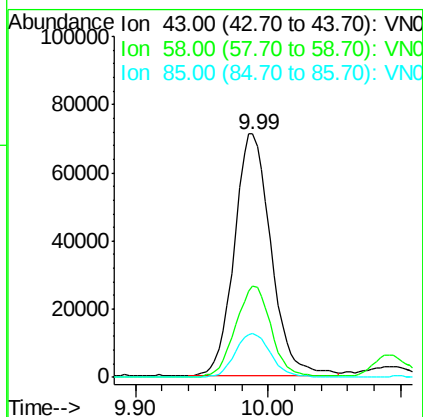
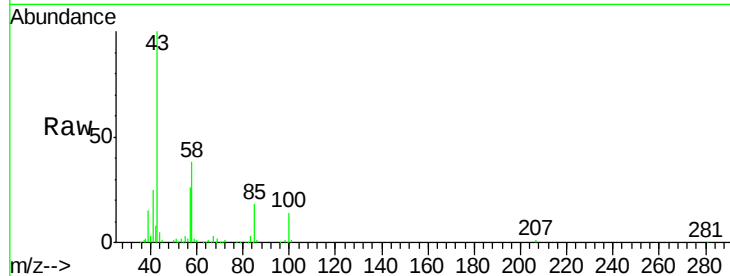
Tgt Ion:117 Resp: 1056041
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.0 25.4 38.0





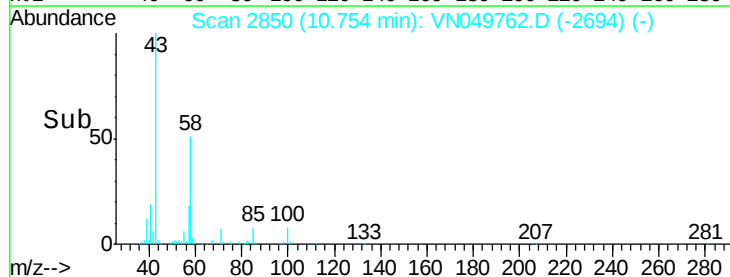
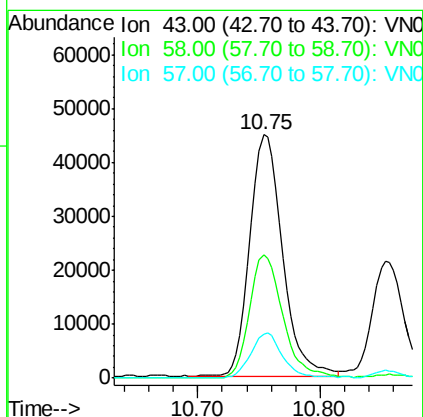
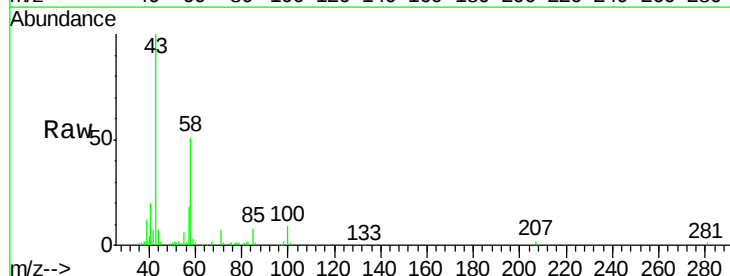
#58
4-Methyl-2-Pentanone
Concen: 11.853 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

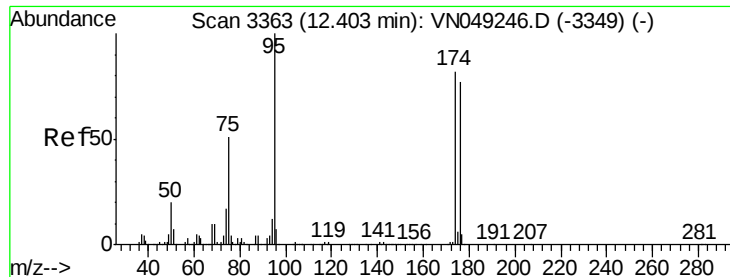
Tgt Ion: 43 Resp: 136077
Ion Ratio Lower Upper
43 100
58 37.0 31.2 46.8
85 17.6 14.4 21.6



#59
2-Hexanone
Concen: 10.778 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

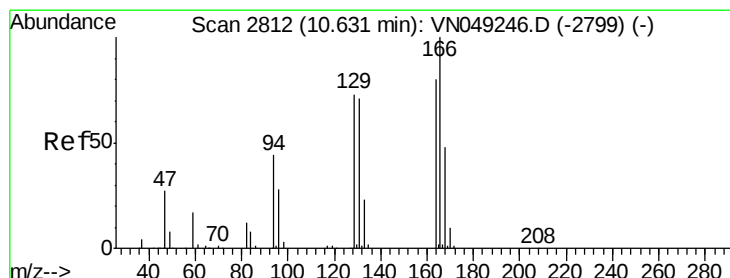
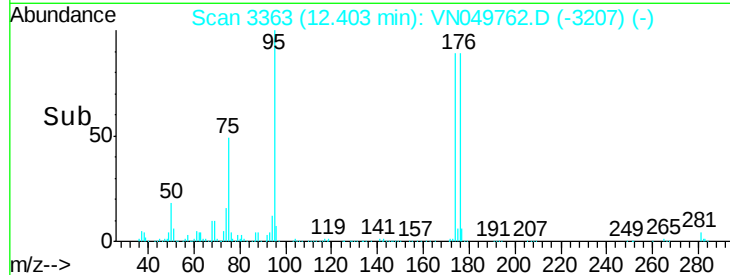
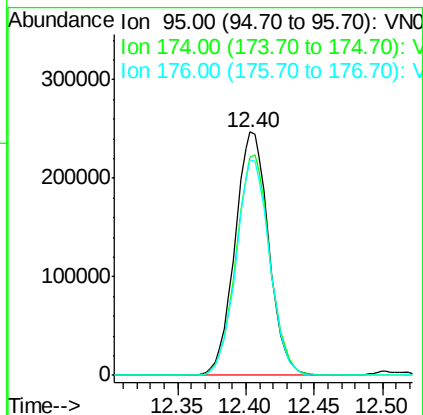
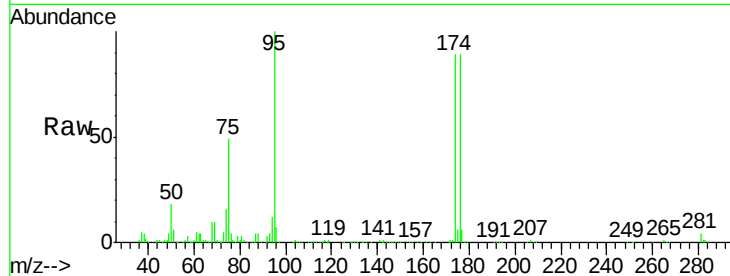
Tgt Ion: 43 Resp: 83293
Ion Ratio Lower Upper
43 100
58 51.8 43.8 65.8
57 18.0 15.1 22.7





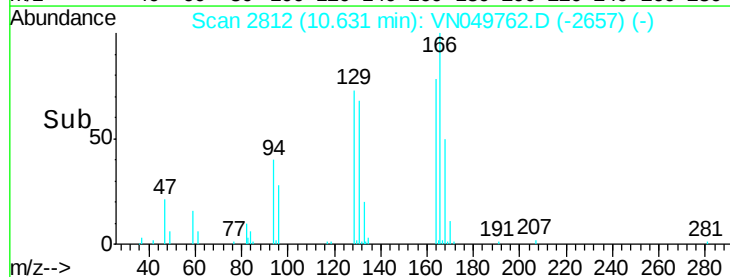
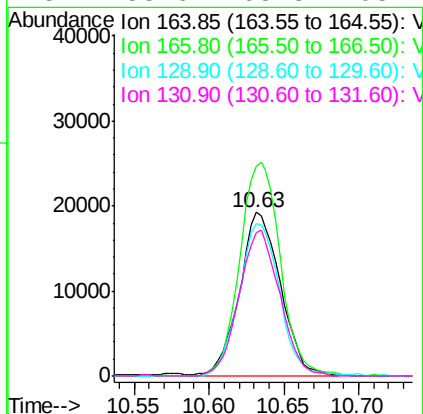
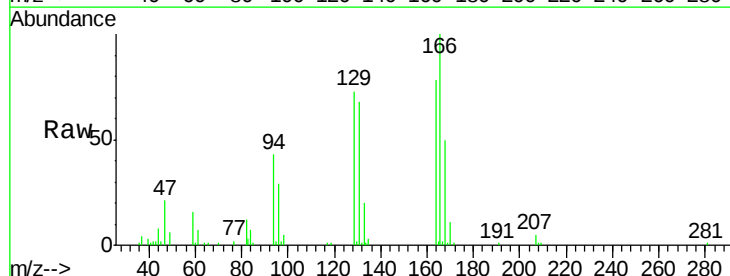
#60
4-Bromofluorobenzene
Concen: 25.927 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

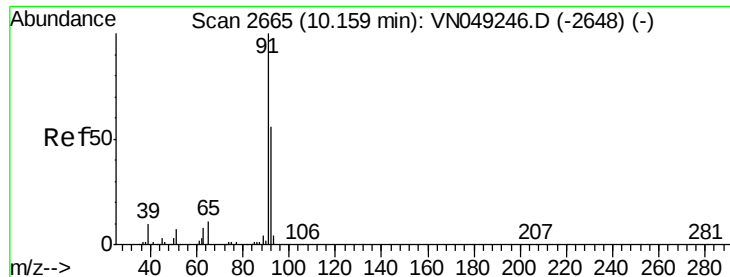
Tgt Ion:	95	Resp:	422660
Ion	Ratio	Lower	Upper
95	100		
174	90.6	72.3	108.5
176	87.9	70.0	105.0



#61
Tetrachloroethene
Concen: 2.787 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion:	164	Resp:	36935
Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.0	150.0
129	94.1	69.3	103.9
131	88.6	68.8	103.2





#62

Toluene

Concen: 2.601 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049762.D

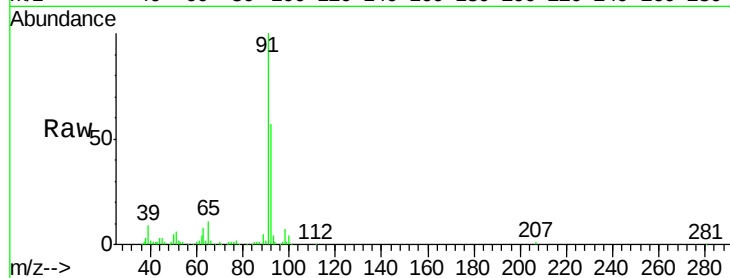
Acq: 11 Jul 2018 17:46

Tgt Ion: 91 Resp: 157417

Ion Ratio Lower Upper

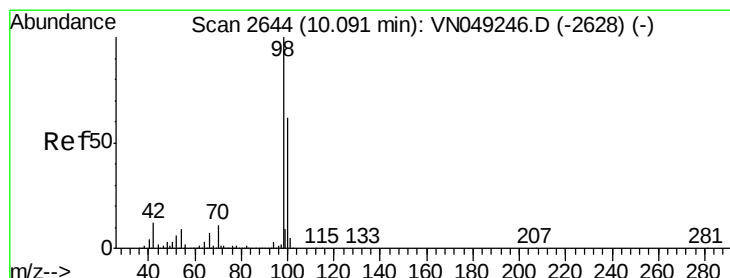
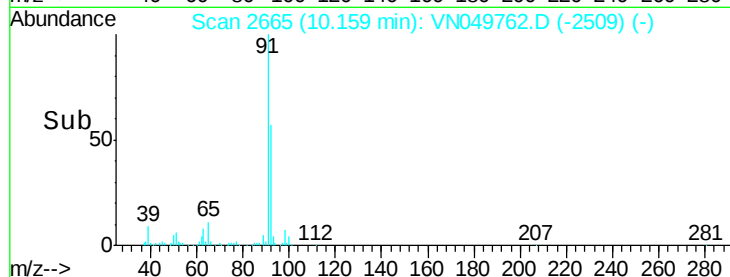
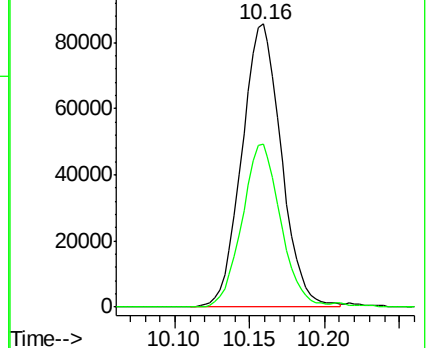
91 100

92 56.2 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN049246.D (-2648) (-)

Ion 92.00 (91.70 to 92.70): VN049246.D (-2648) (-)



#63

Toluene-d8

Concen: 30.462 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049762.D

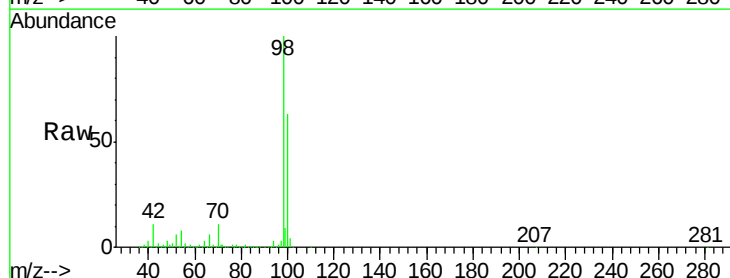
Acq: 11 Jul 2018 17:46

Tgt Ion: 98 Resp: 1503197

Ion Ratio Lower Upper

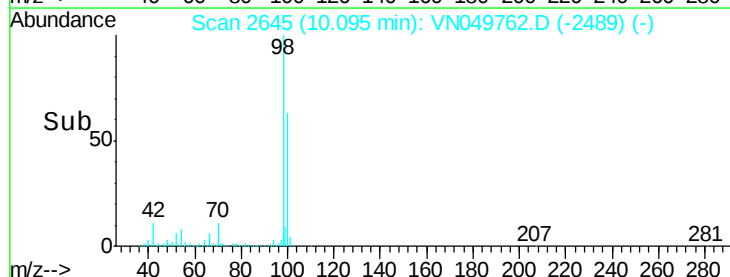
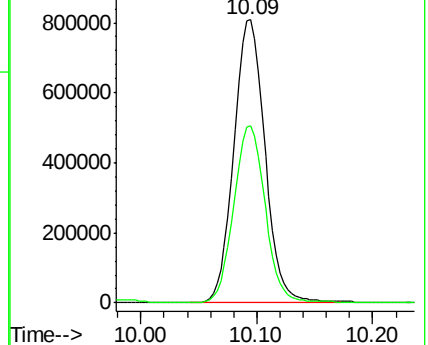
98 100

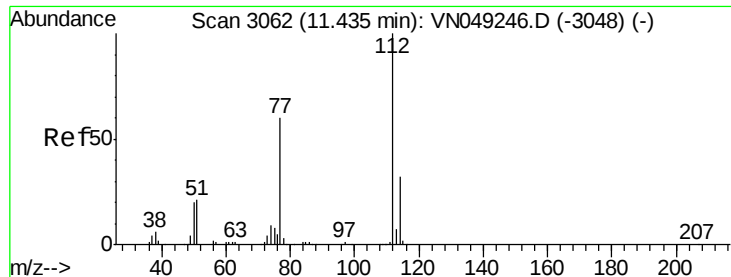
100 63.2 51.2 76.8



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

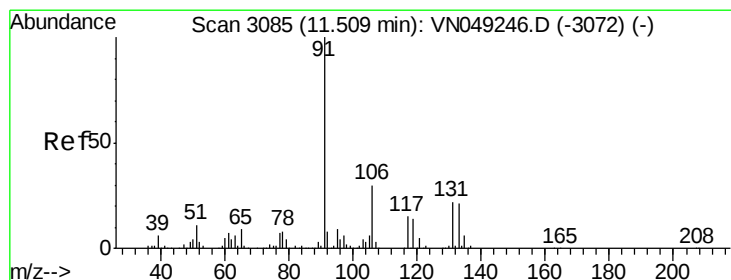
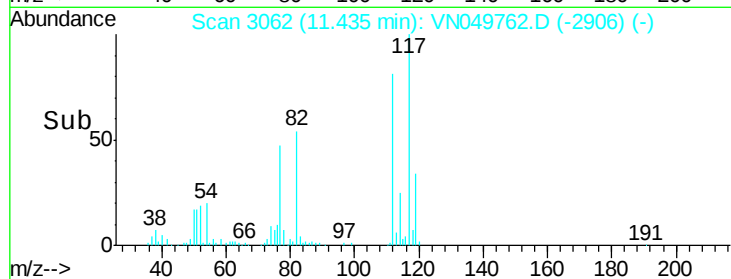
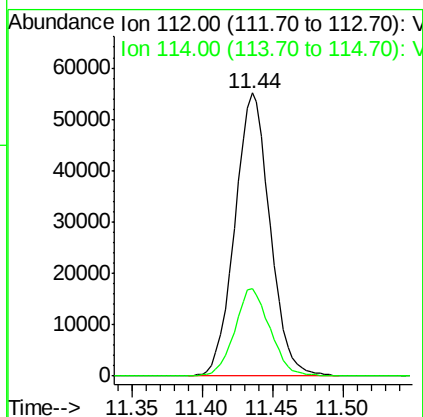
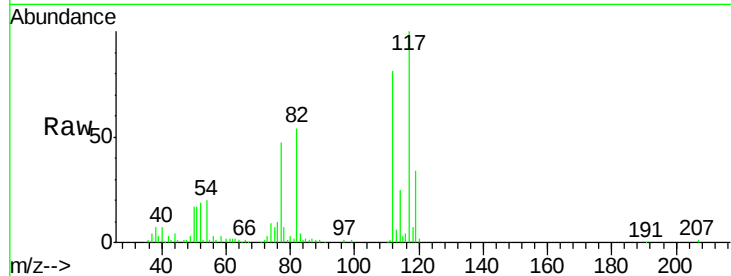
Ion 100.00 (99.70 to 100.70): VN049246.D (-2628) (-)





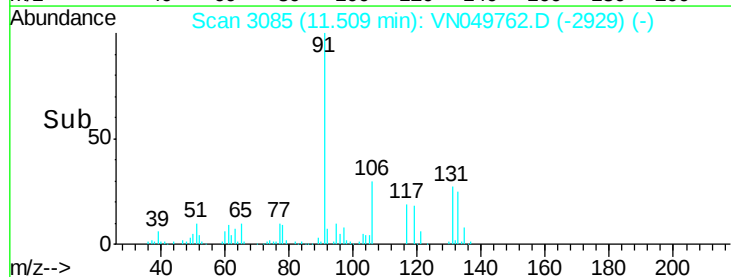
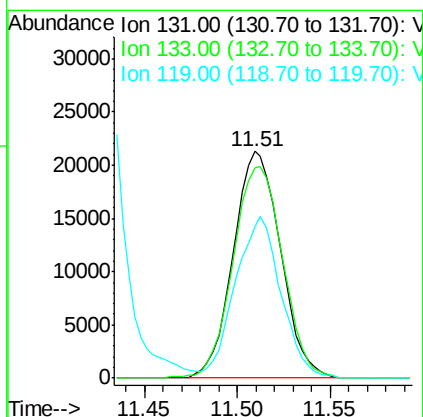
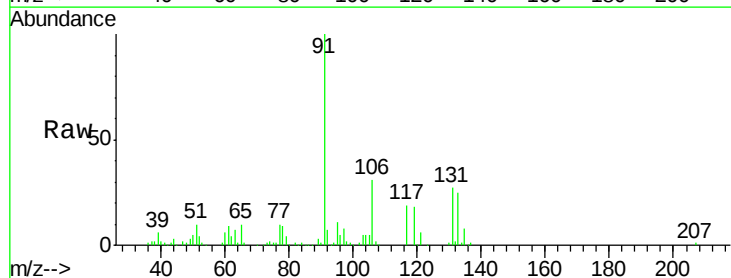
#64
Chlorobenzene
Concen: 2.595 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

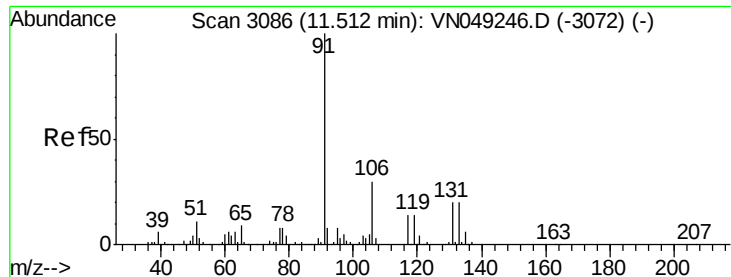
Tgt Ion:112 Resp: 96352
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2



#65
1,1,1,2-Tetrachloroethane
Concen: 2.675 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

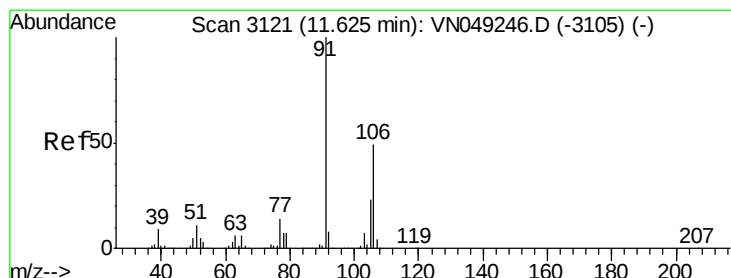
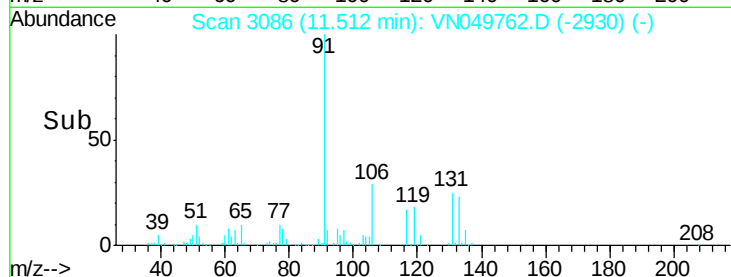
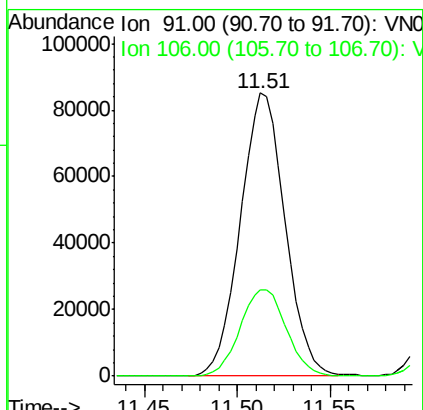
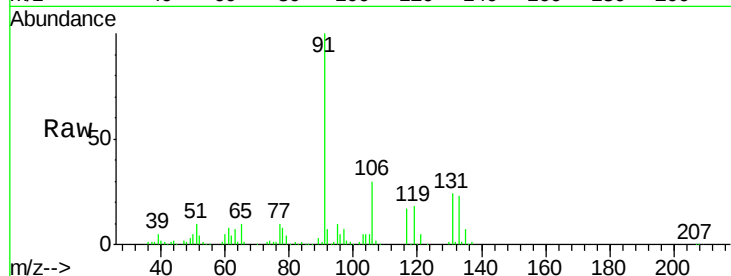
Tgt Ion:131 Resp: 37702
Ion Ratio Lower Upper
131 100
133 97.7 0.0 190.0
119 68.8 0.0 131.6





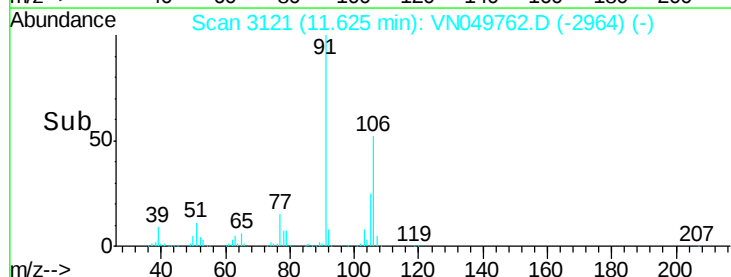
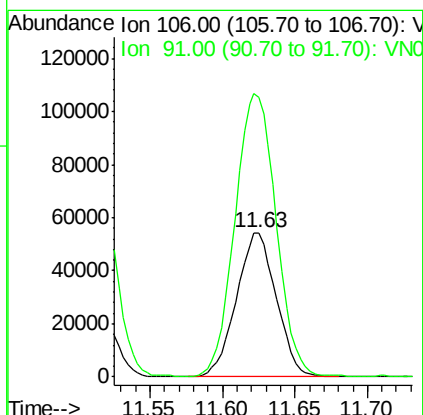
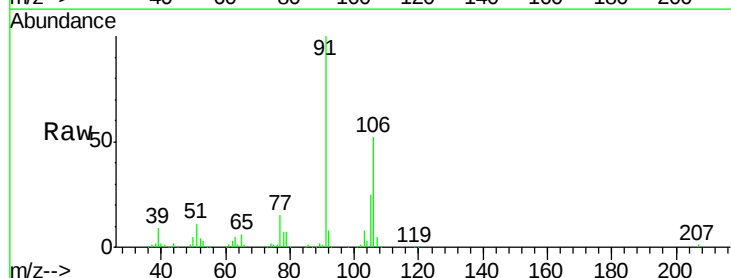
#66
Ethyl Benzene
Concen: 2.242 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

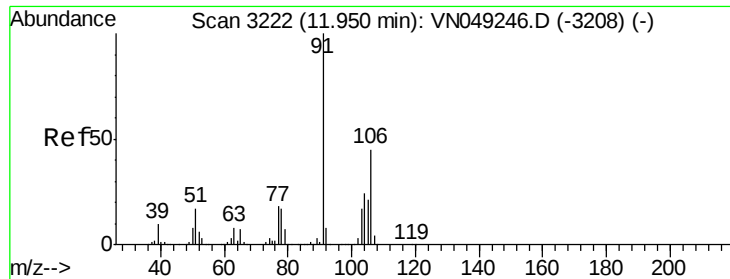
Tgt Ion: 91 Resp: 142374
Ion Ratio Lower Upper
91 100
106 30.3 25.1 37.7



#67
m/p-Xylenes
Concen: 4.251 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

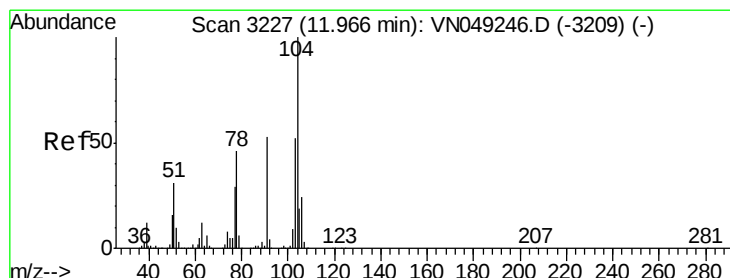
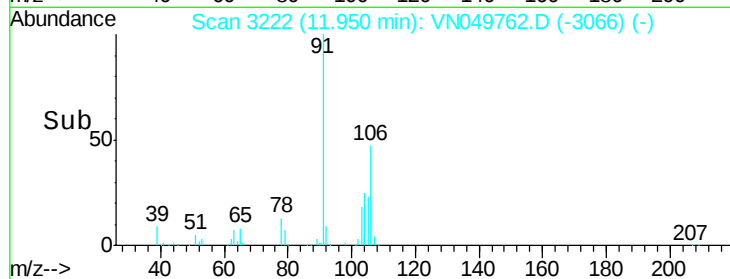
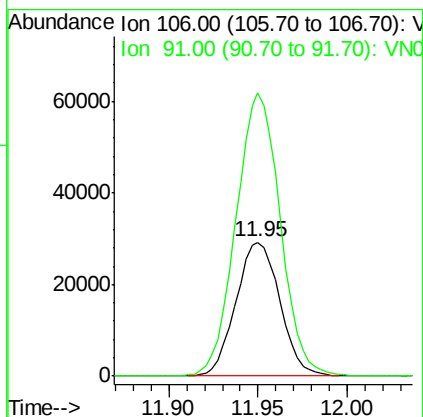
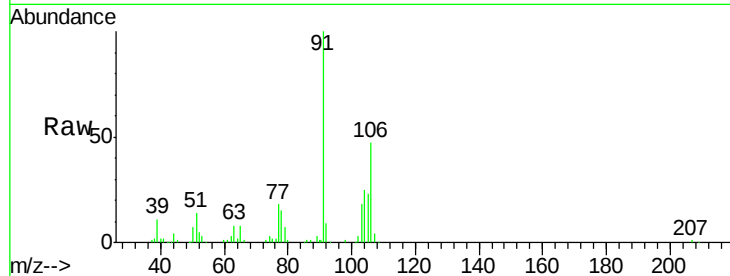
Tgt Ion: 106 Resp: 103816
Ion Ratio Lower Upper
106 100
91 202.2 162.5 243.7





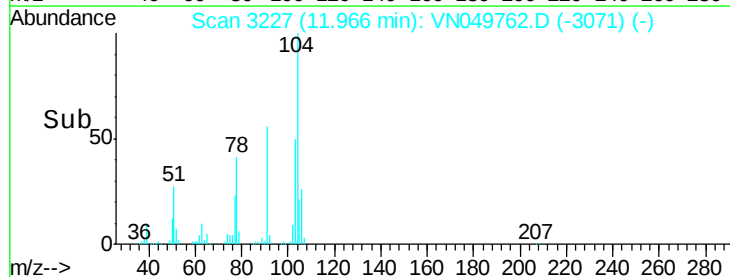
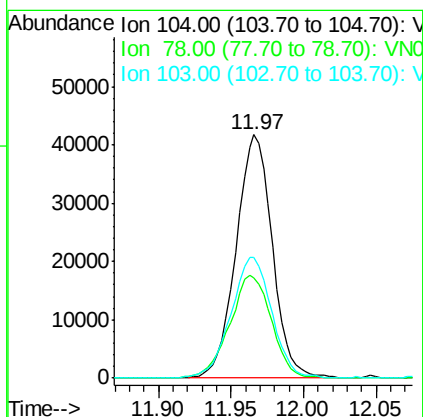
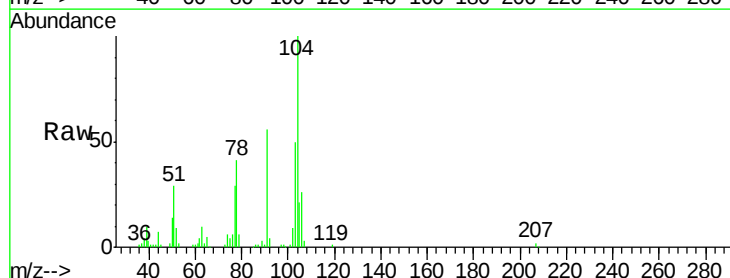
#68
o-Xylene
Concen: 2.148 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

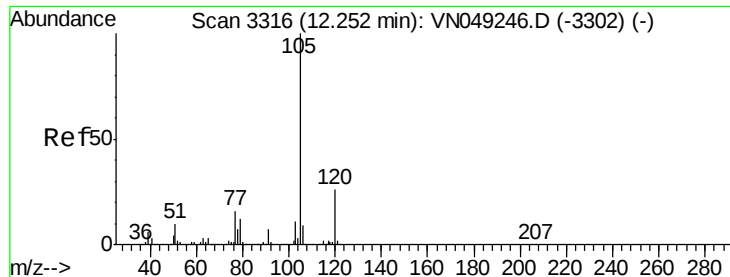
Tgt Ion:106 Resp: 50128
Ion Ratio Lower Upper
106 100
91 213.6 106.8 320.4



#69
Styrene
Concen: 1.951 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

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





#70

Isopropylbenzene

Concen: 2.057 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049762.D

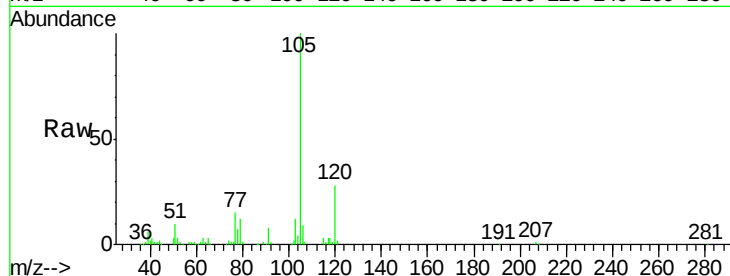
Acq: 11 Jul 2018 17:46

Tgt Ion: 105 Resp: 127326

Ion Ratio Lower Upper

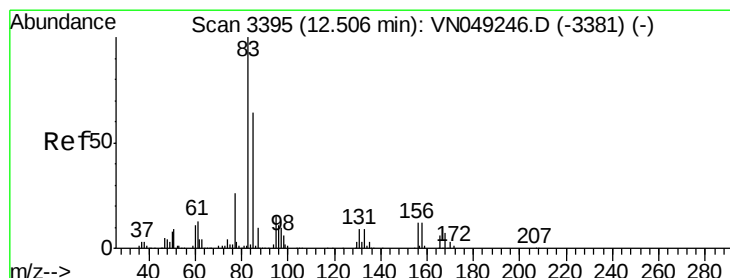
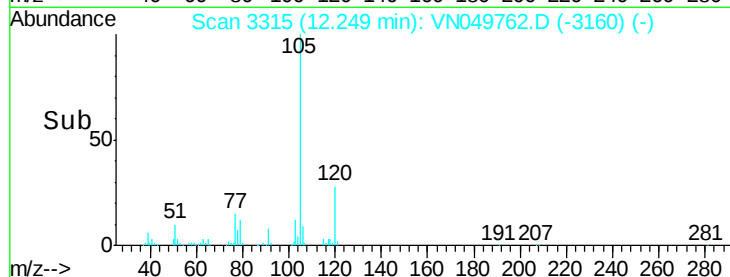
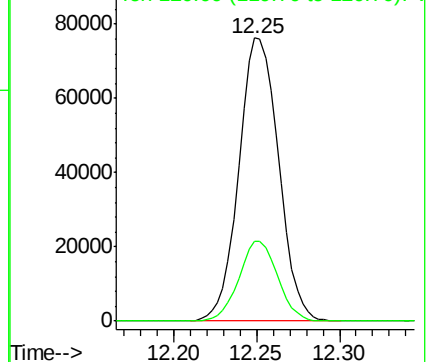
105 100

120 27.6 18.9 35.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 2.585 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

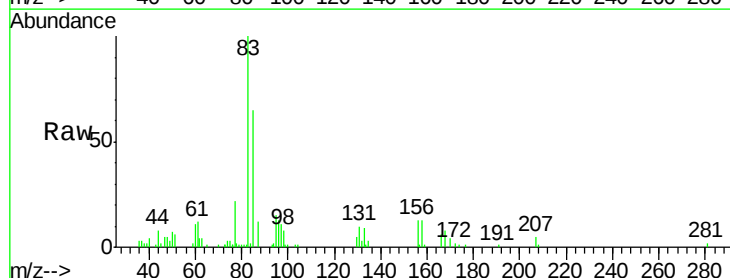
Tgt Ion: 83 Resp: 41057

Ion Ratio Lower Upper

83 100

131 11.3 5.2 15.6

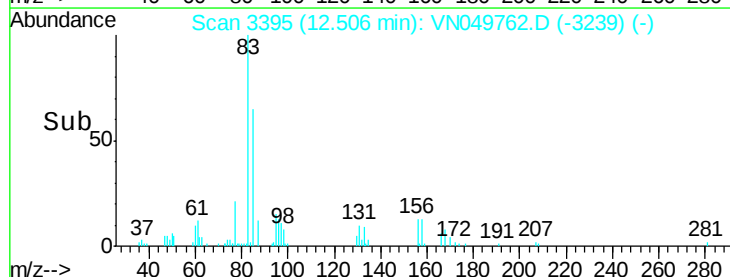
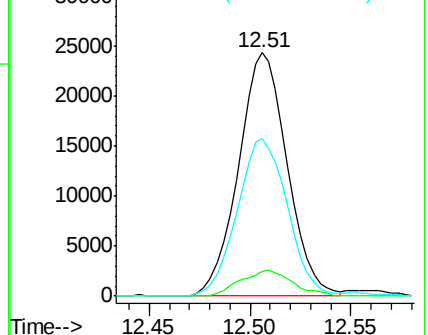
85 66.8 31.7 95.1

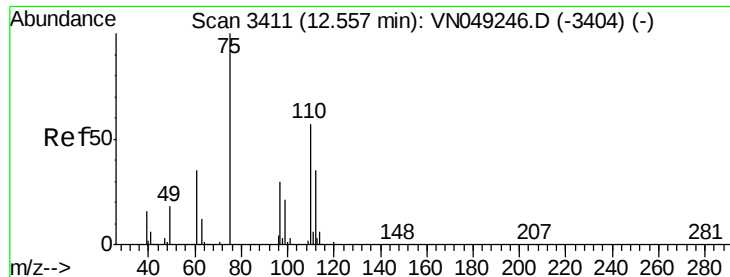


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): V





#72

1,2,3-Trichloropropane

Concen: 3.674 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049762.D

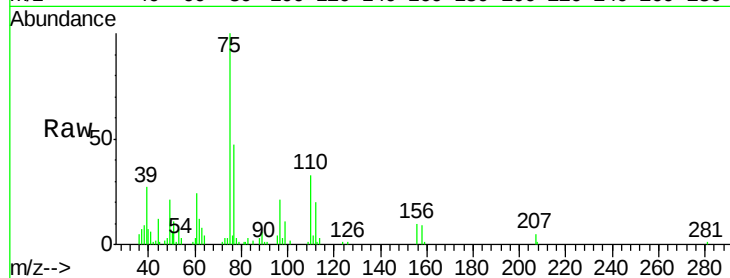
Acq: 11 Jul 2018 17:46

Tgt Ion: 75 Resp: 46734

Ion Ratio Lower Upper

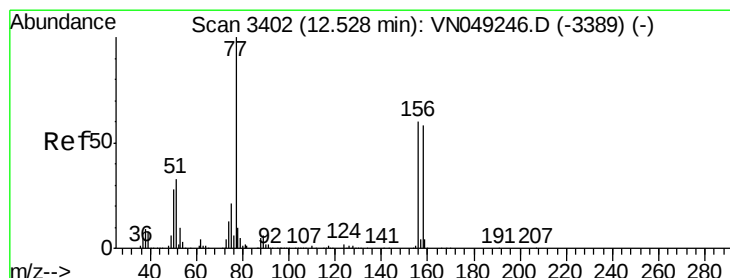
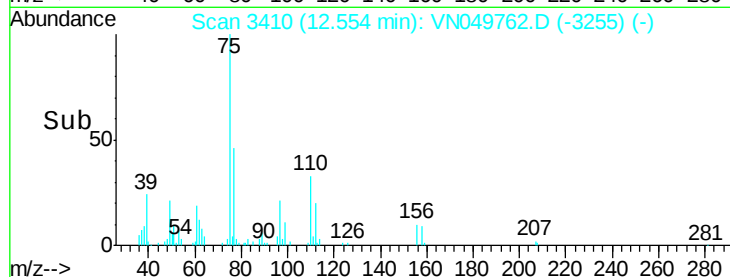
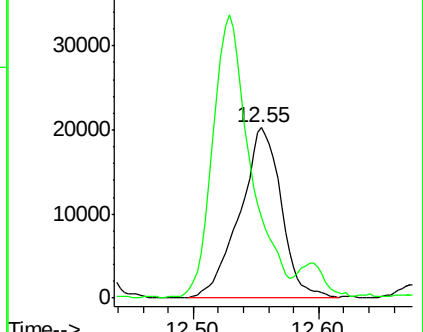
75 100

77 150.6 0.0 454.4



Abundance Ion 75.00 (74.70 to 75.70): VN049762.D (-3255) (-)

Ion 77.00 (76.70 to 77.70): VN049762.D (-3255) (-)



#73

Bromobenzene

Concen: 2.312 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

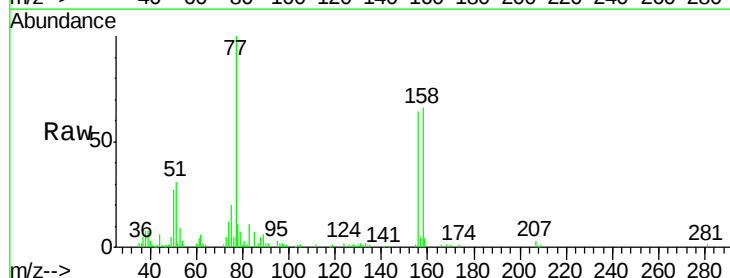
Tgt Ion: 156 Resp: 37521

Ion Ratio Lower Upper

156 100

77 187.6 0.0 359.8

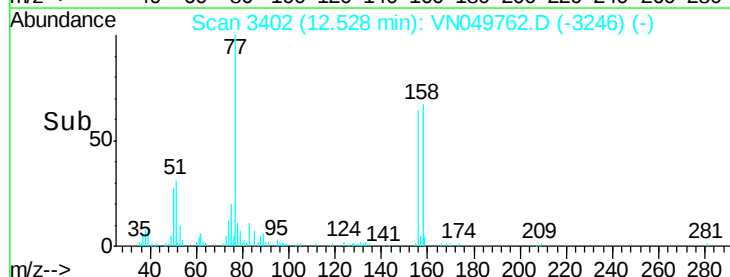
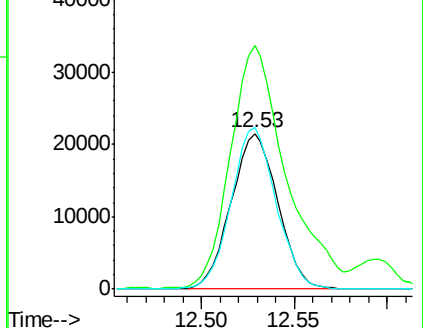
158 100.2 0.0 192.8

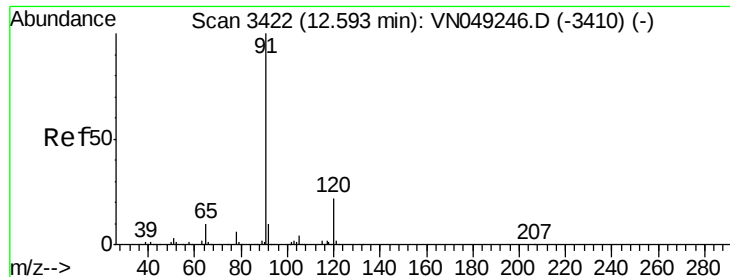


Abundance Ion 156.00 (155.70 to 156.70): VN049762.D (-3246) (-)

Ion 77.00 (76.70 to 77.70): VN049762.D (-3246) (-)

Ion 158.00 (157.70 to 158.70): VN049762.D (-3246) (-)





#74

n-propylbenzene

Concen: 2.009 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049762.D

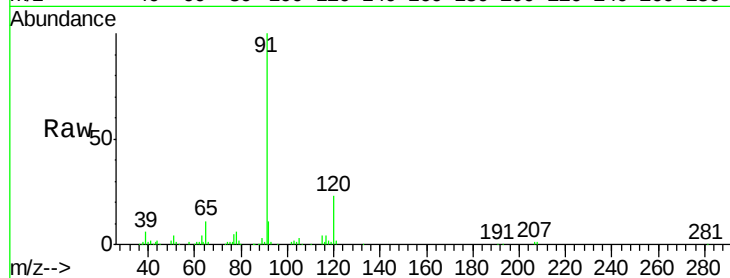
Acq: 11 Jul 2018 17:46

Tgt Ion: 91 Resp: 143932

Ion Ratio Lower Upper

91 100

120 23.7 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN049246.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN049246.D (-3410) (-)

12.59

100000

80000

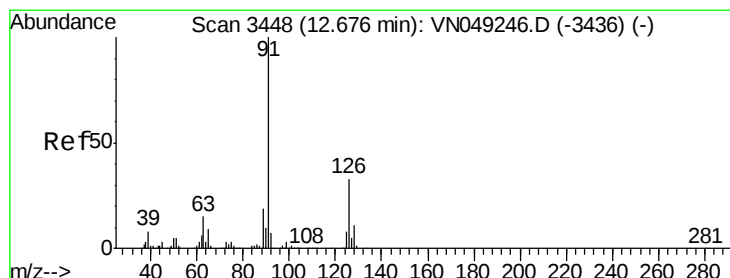
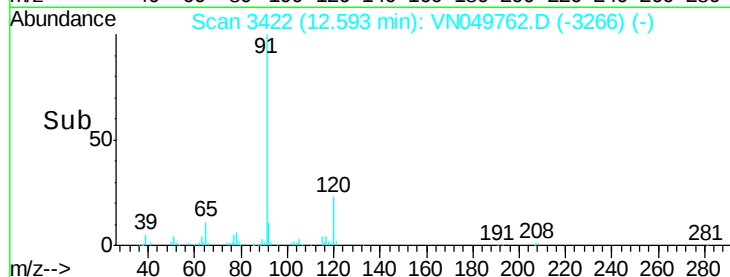
60000

40000

20000

0

Time-->



#75

2-Chlorotoluene

Concen: 2.242 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049762.D

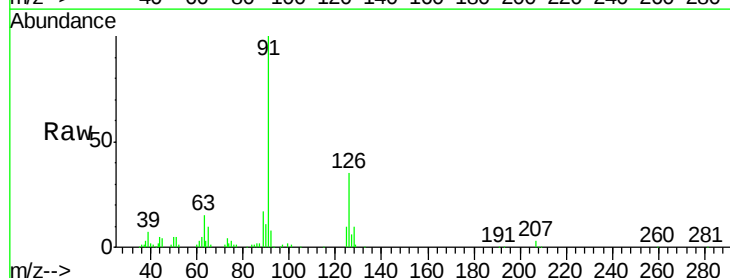
Acq: 11 Jul 2018 17:46

Tgt Ion: 91 Resp: 96339

Ion Ratio Lower Upper

91 100

126 36.1 0.0 68.6



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

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

12.68

100000

80000

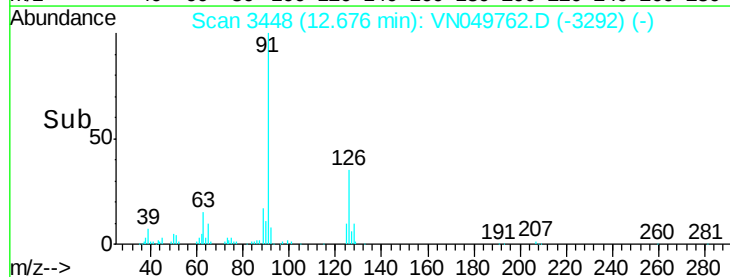
60000

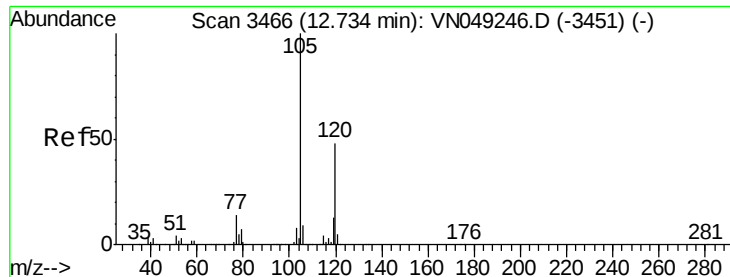
40000

20000

0

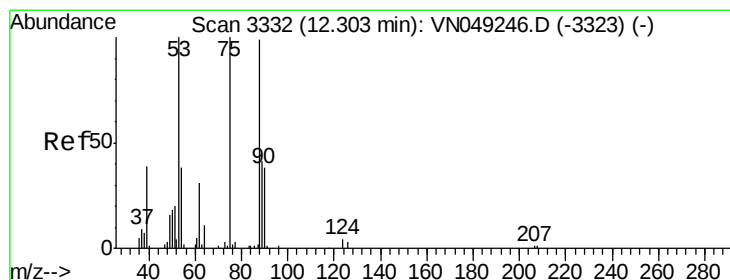
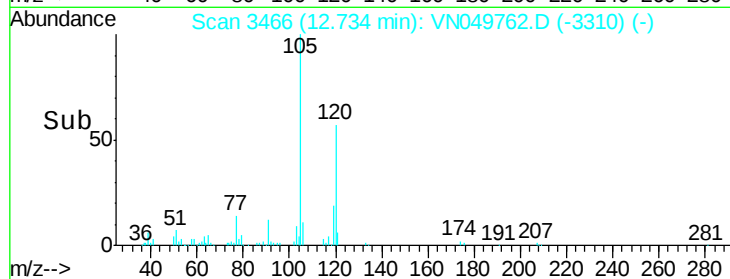
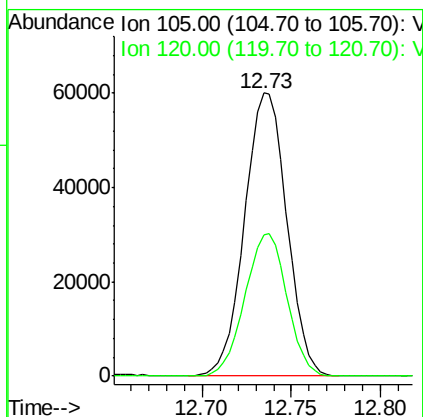
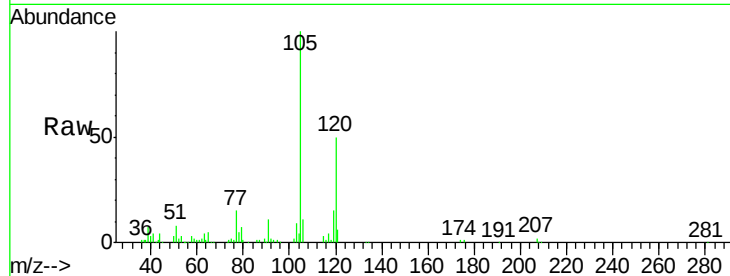
Time-->





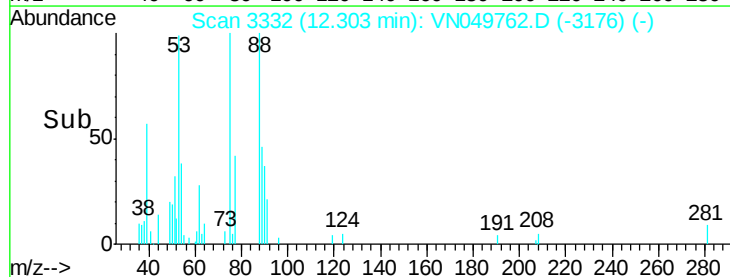
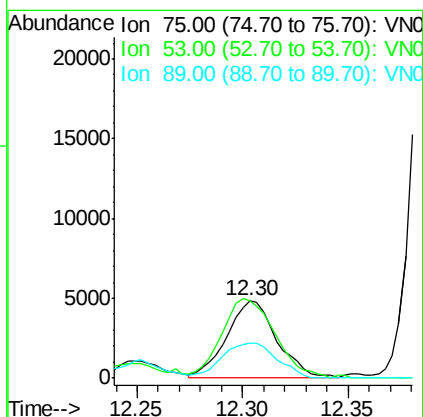
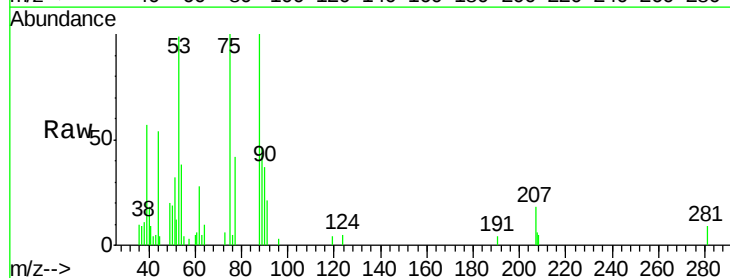
#76
 1,3,5-Trimethylbenzene
 Concen: 1.975 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

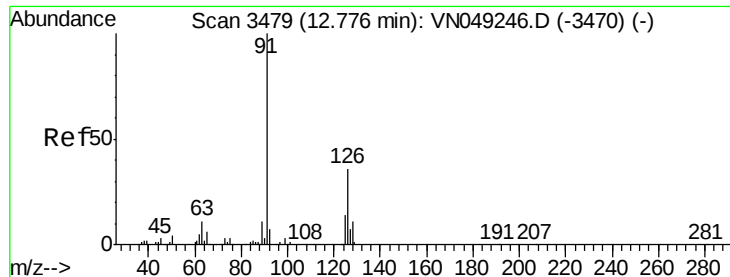
Tgt Ion: 105 Resp: 99348
 Ion Ratio Lower Upper
 105 100
 120 50.1 0.0 98.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 1.791 ug/l
 RT: 12.30 min Scan# 3332
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion: 75 Resp: 7985
 Ion Ratio Lower Upper
 75 100
 53 95.3 44.6 134.0
 89 45.8 20.7 62.1





#78

4-Chlorotoluene

Concen: 1.972 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049762.D

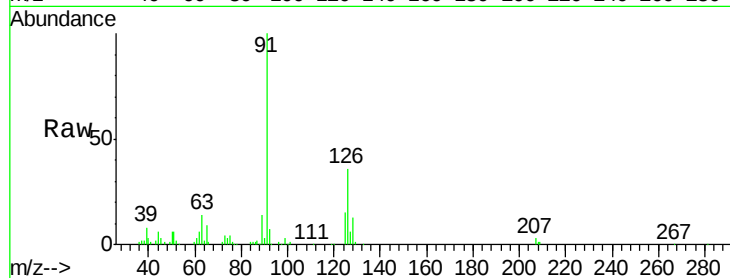
Acq: 11 Jul 2018 17:46

Tgt Ion: 91 Resp: 84489

Ion Ratio Lower Upper

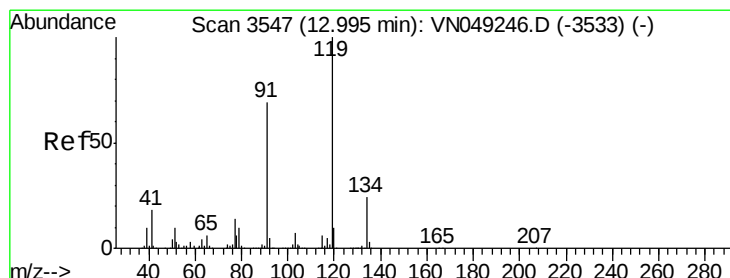
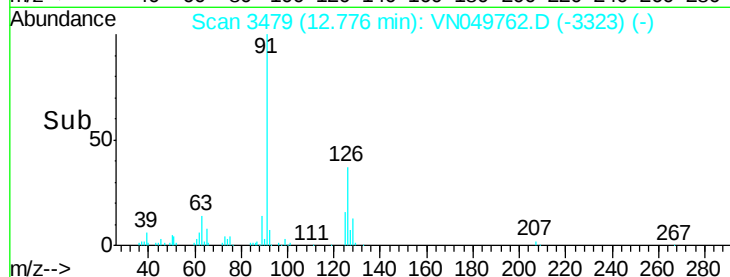
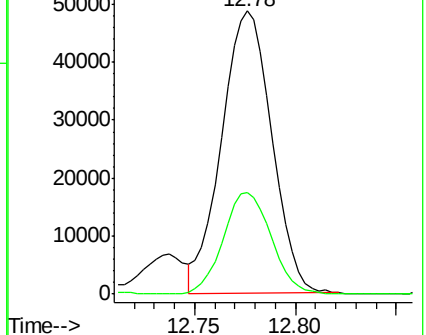
91 100

126 34.6 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN049246.D (-3470) (-)

Ion 126.00 (125.70 to 126.70): VN049246.D (-3470) (-)



#79

tert-butylbenzene

Concen: 2.085 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

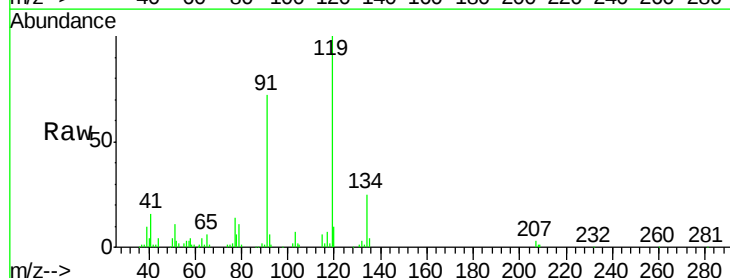
Tgt Ion: 119 Resp: 91019

Ion Ratio Lower Upper

119 100

91 66.3 0.0 126.8

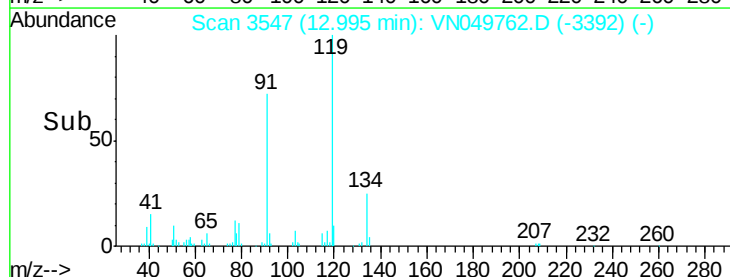
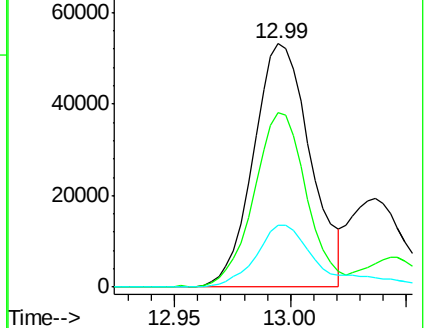
134 24.2 0.0 47.4

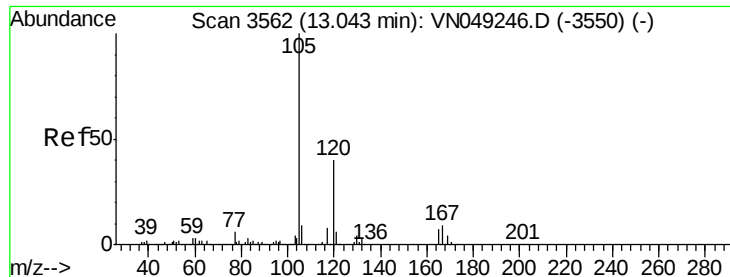


Abundance Ion 119.00 (118.70 to 119.70): VN049246.D (-3533) (-)

Ion 91.00 (90.70 to 91.70): VN049246.D (-3533) (-)

Ion 134.00 (133.70 to 134.70): VN049246.D (-3533) (-)





#80

1,2,4-Trimethylbenzene

Concen: 1.861 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049762.D

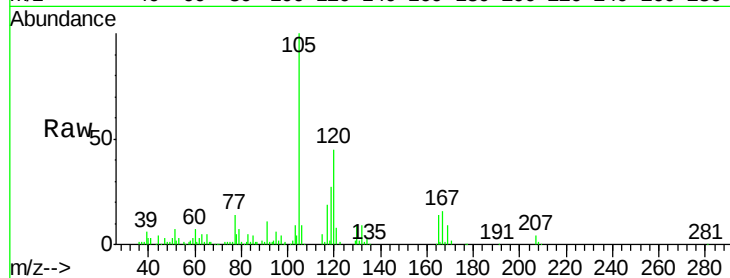
Acq: 11 Jul 2018 17:46

Tgt Ion:105 Resp: 94479

Ion Ratio Lower Upper

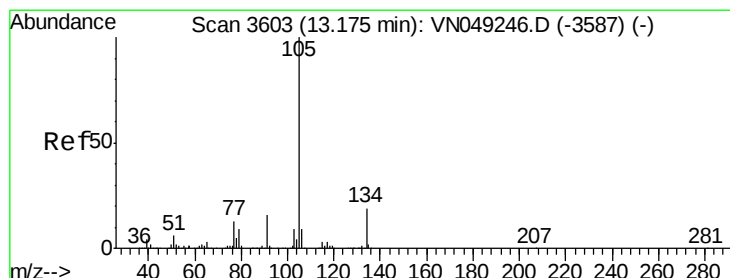
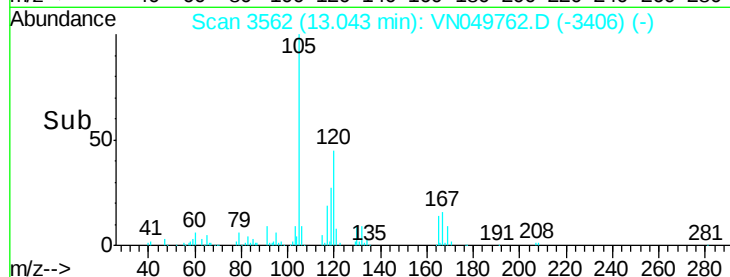
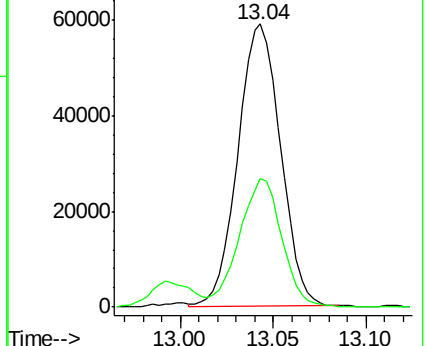
105 100

120 45.1 0.0 90.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

sec-Butylbenzene

Concen: 1.906 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049762.D

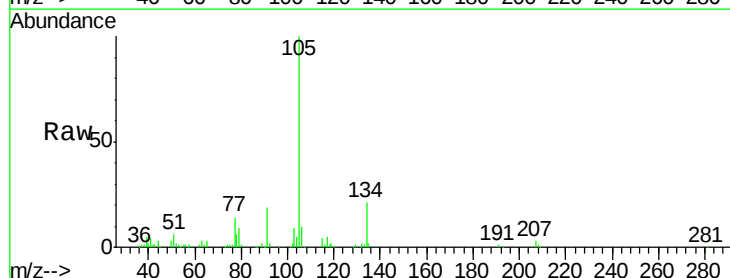
Acq: 11 Jul 2018 17:46

Tgt Ion:105 Resp: 111751

Ion Ratio Lower Upper

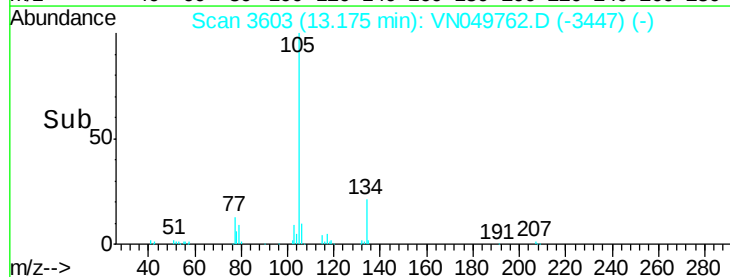
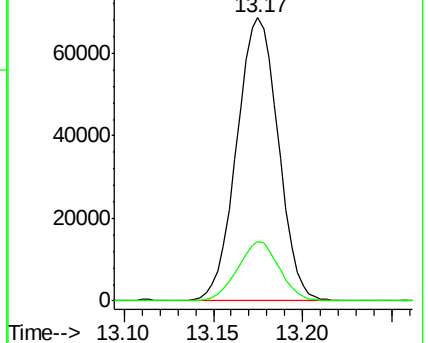
105 100

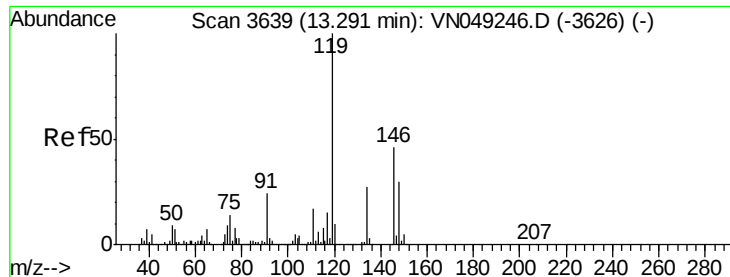
134 21.0 0.0 40.6



Abundance Ion 105.00 (104.70 to 105.70): V

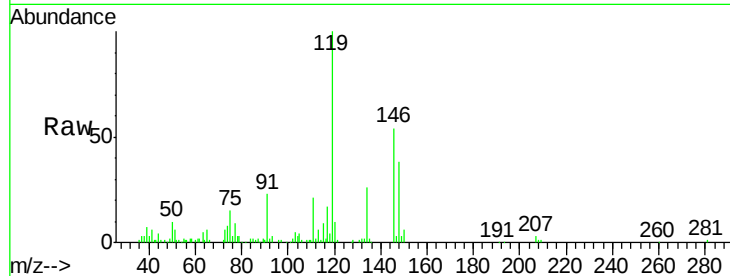
Ion 134.00 (133.70 to 134.70): V



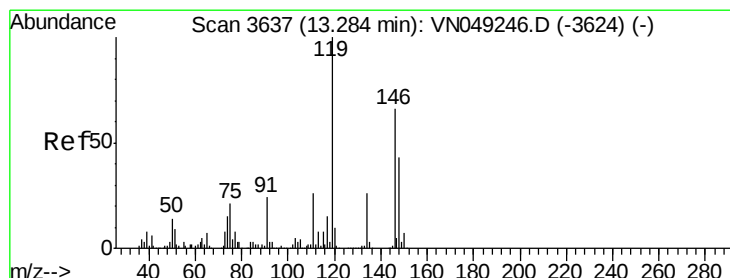
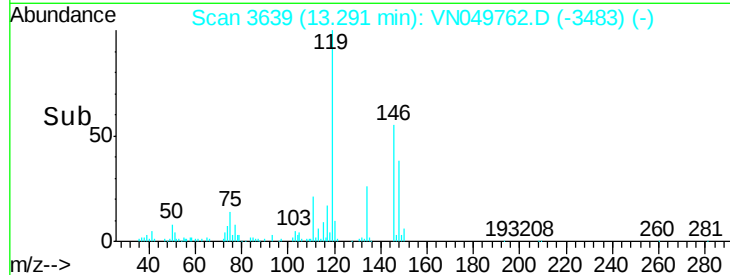
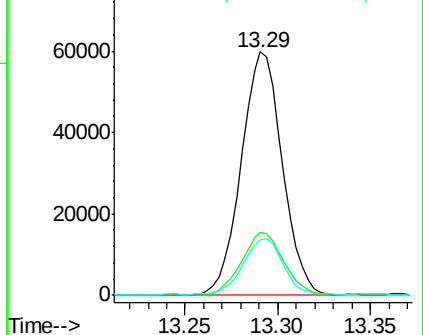


#82
p-Isopropyltoluene
Concen: 1.810 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

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

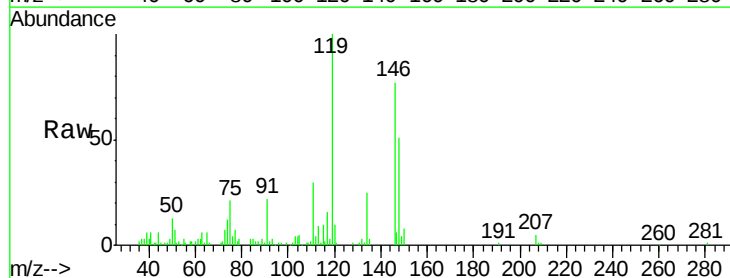


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

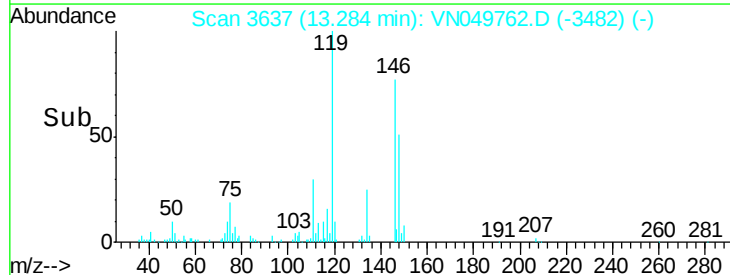
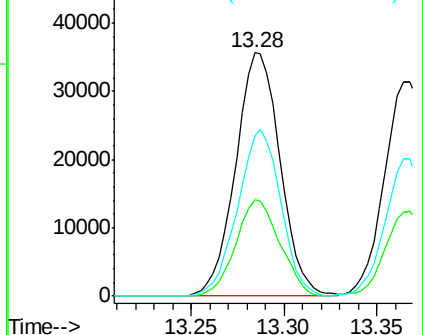


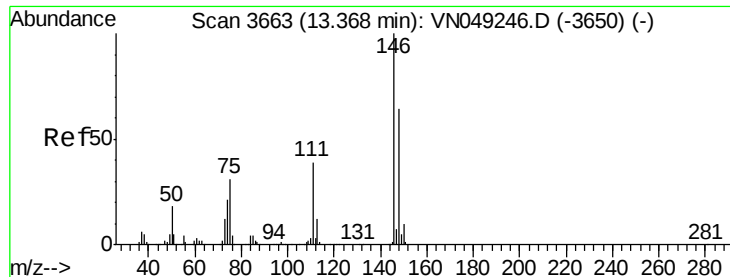
#83
1,3-Dichlorobenzene
Concen: 2.110 ug/l
RT: 13.28 min Scan# 3637
Delta R.T. -0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

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



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 1.978 ug/l

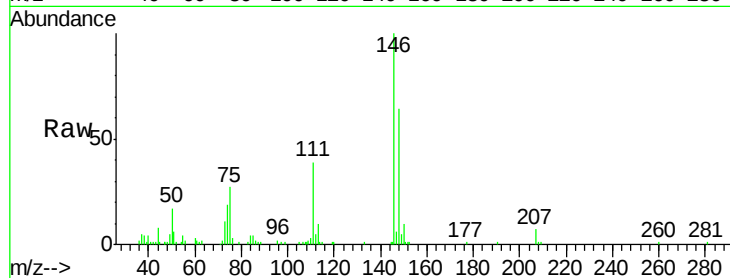
RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

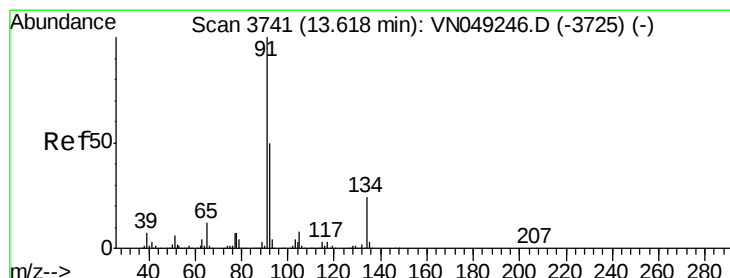
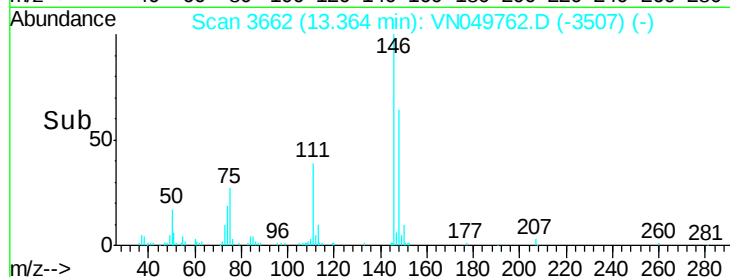
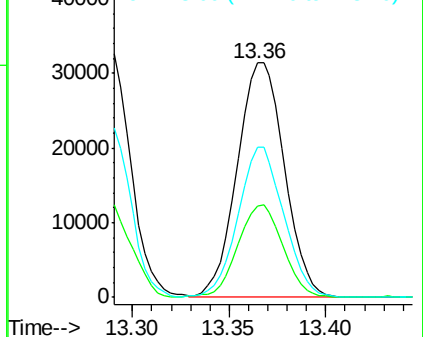
Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

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



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 1.569 ug/l

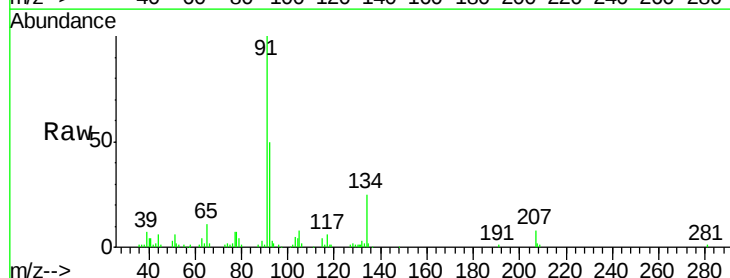
RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

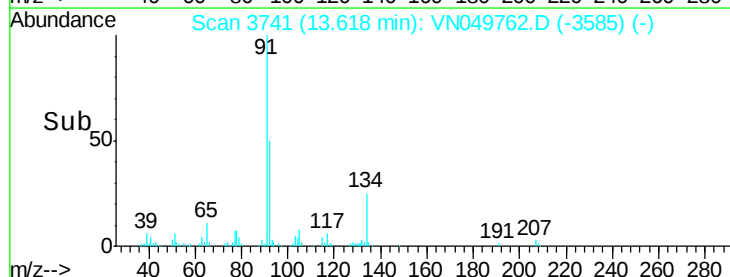
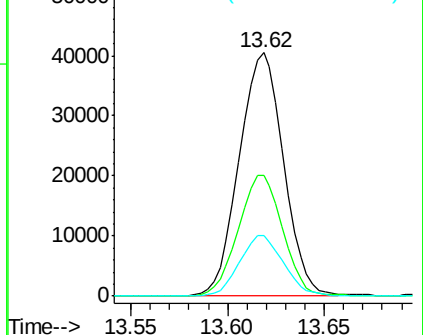
Lab File: VN049762.D

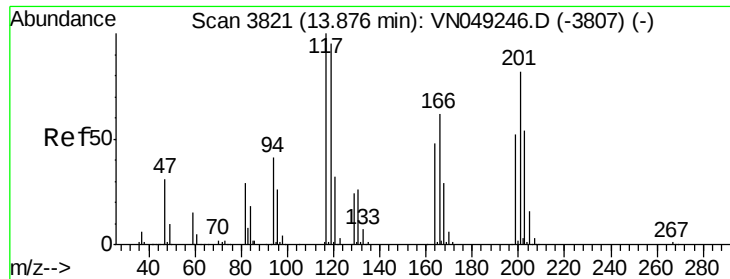
Acq: 11 Jul 2018 17:46

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



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V





#86

Hexachloroethane

Concen: 2.622 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049762.D

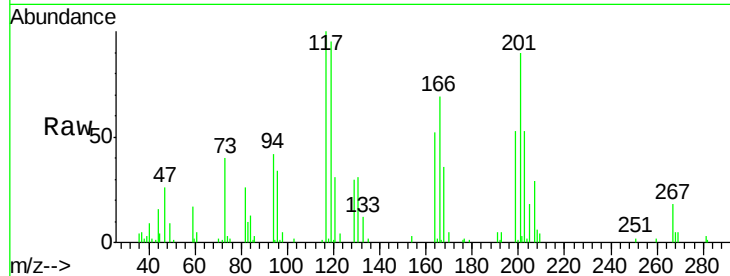
Acq: 11 Jul 2018 17:46

Tgt Ion:117 Resp: 25288

Ion Ratio Lower Upper

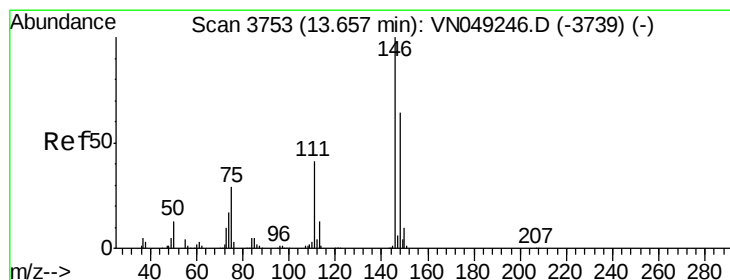
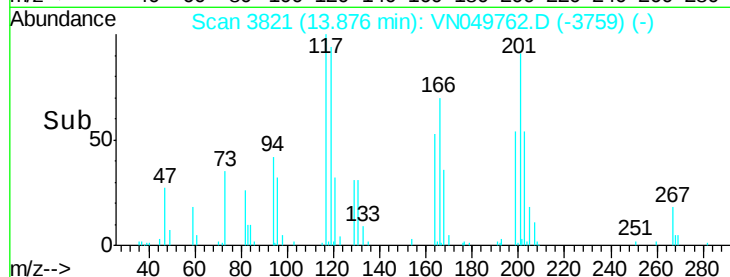
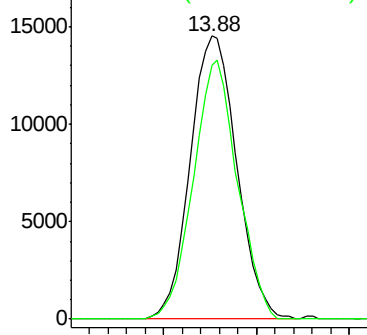
117 100

201 86.7 46.6 139.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 2.195 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049762.D

Acq: 11 Jul 2018 17:46

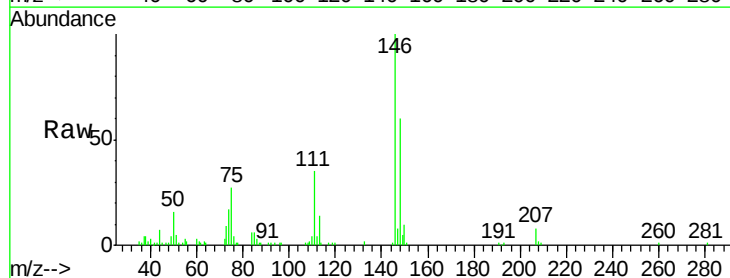
Tgt Ion:146 Resp: 59526

Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.3

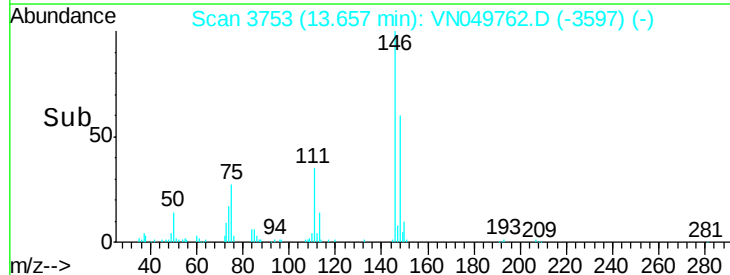
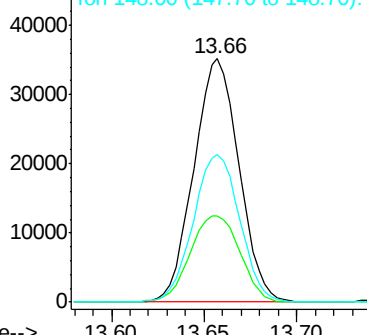
148 62.3 31.8 95.3

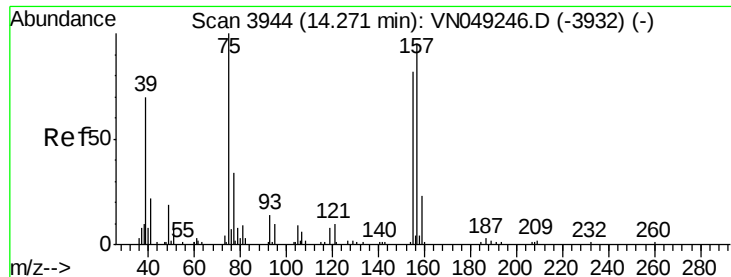


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

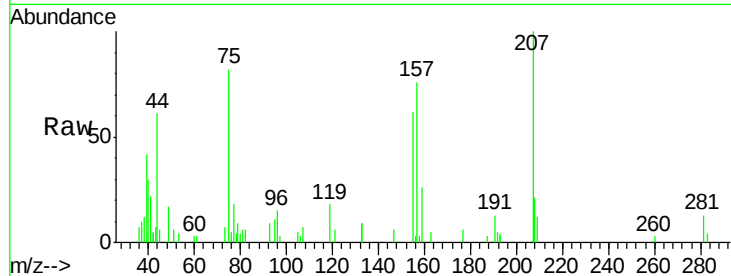
Ion 148.00 (147.70 to 148.70): V



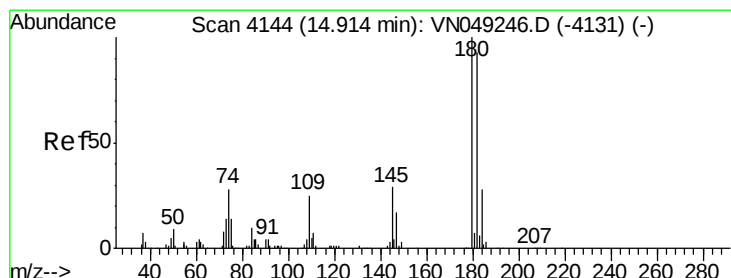
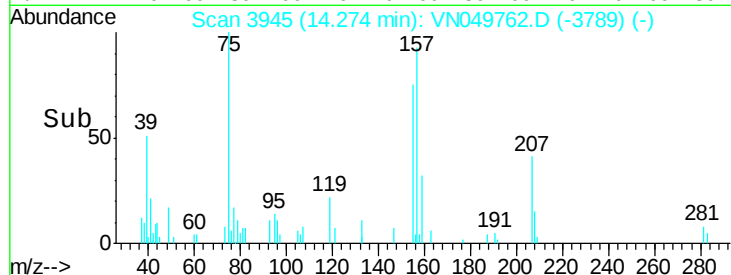
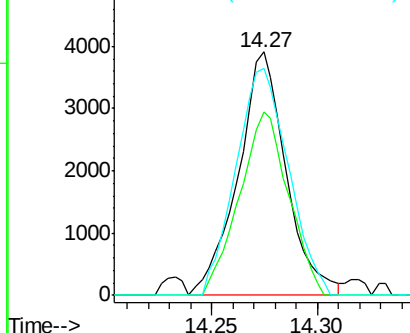


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.626 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion: 75 Resp: 6211
 Ion Ratio Lower Upper
 75 100
 155 76.6 73.0 109.6
 157 101.9 94.9 142.3

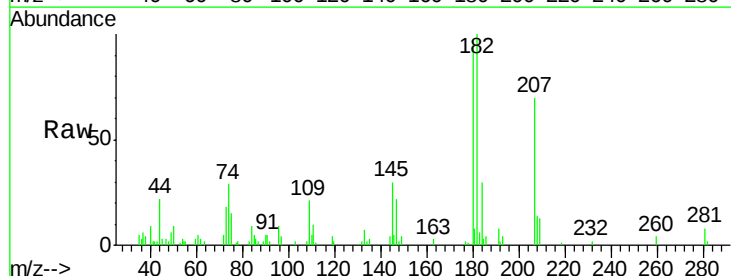


Abundance Ion 75.00 (74.70 to 75.70): VN049246.D (-3932) (-)
 Ion 155.00 (154.70 to 155.70): VN049246.D (-3932) (-)
 Ion 157.00 (156.70 to 157.70): VN049246.D (-3932) (-)

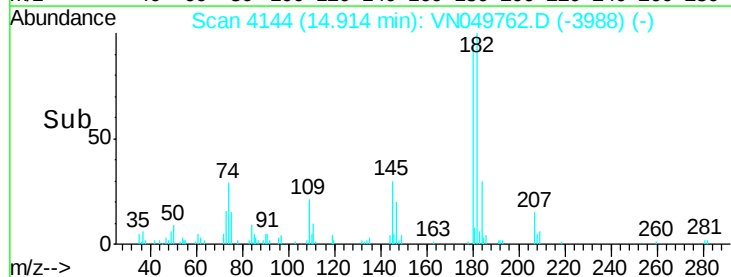
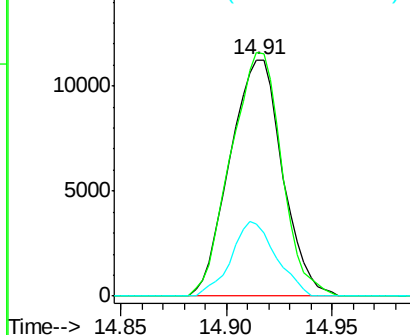


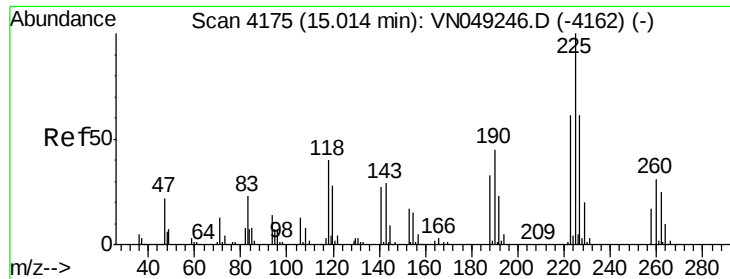
#89
 1,2,4-Trichlorobenzene
 Concen: 1.424 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

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



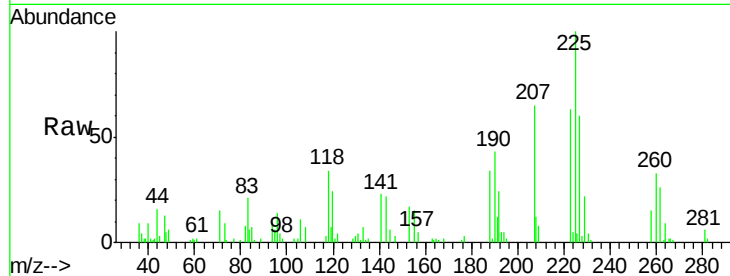
Abundance Ion 180.00 (179.70 to 180.70): VN049246.D (-4131) (-)
 Ion 182.00 (181.70 to 182.70): VN049246.D (-4131) (-)
 Ion 145.00 (144.70 to 145.70): VN049246.D (-4131) (-)



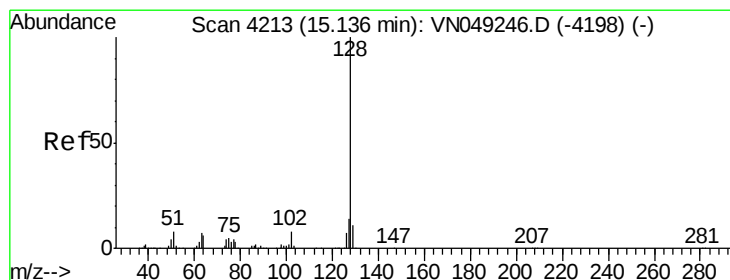
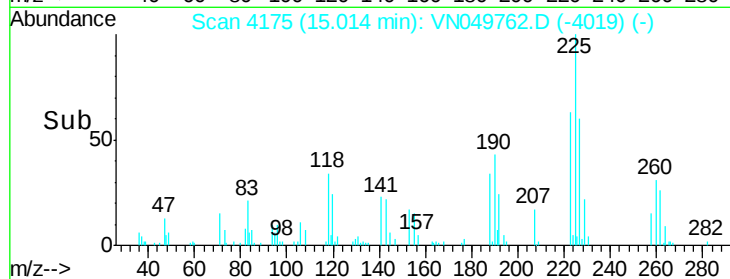
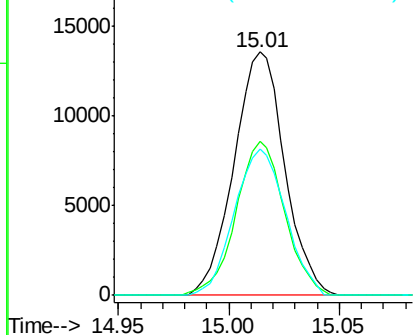


#90
Hexachlorobutadiene
Concen: 2.492 ug/l
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

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

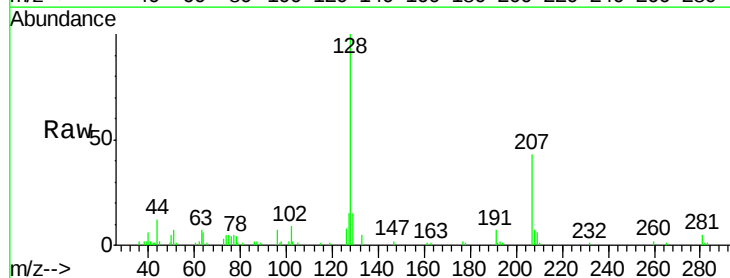


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

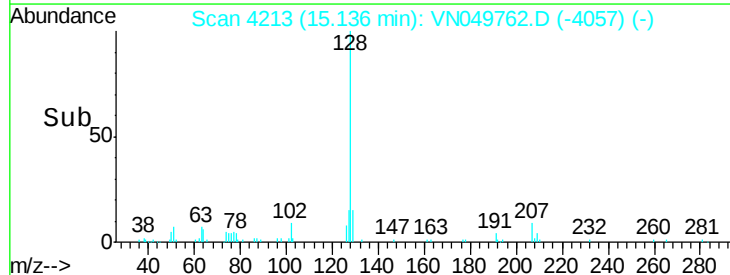
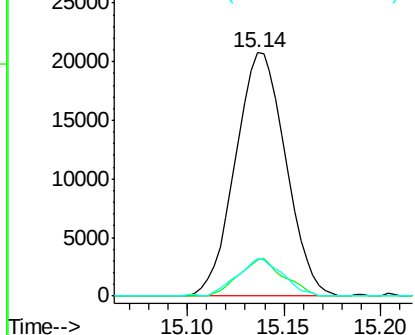


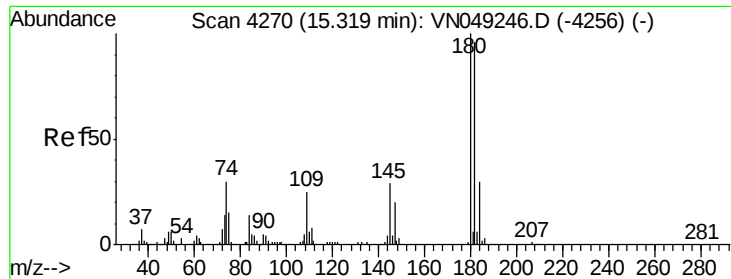
#91
Naphthalene
Concen: 1.245 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049762.D
Acq: 11 Jul 2018 17:46

Tgt Ion: 128 Resp: 37577
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 13.8 9.0 13.4#



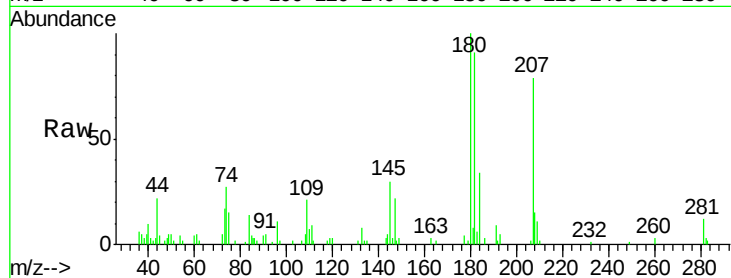
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 1.636 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.00 min
 Lab File: VN049762.D
 Acq: 11 Jul 2018 17:46

Tgt Ion:	180	Resp:	22479
Ion Ratio	Lower	Upper	
180	100		
182	91.1	0.0	188.8
145	32.7	0.0	60.8



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

