

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049765.D
 Acq On : 11 Jul 2018 19:03
 Operator : MD\SY
 Sample : VN0711WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 12 02:37:38 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	261521	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1409908	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1239935	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	542321	30.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.27%
60) 4-Bromofluorobenzene	12.40	95	555861	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	10.09	98	1772572	30.59	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.97%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	423205	21.63	ug/l	98
3) Chloromethane	2.06	50	407666	20.16	ug/l	99
4) Vinyl Chloride	2.18	62	437946	20.46	ug/l	97
5) Bromomethane	2.57	94	255882	19.81	ug/l	100
6) Chloroethane	2.70	64	250636	20.18	ug/l	98
7) Trichlorofluoromethane	3.01	101	562656	20.78	ug/l	99
8) Diethyl Ether	3.41	74	182928	19.78	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	335514	20.58	ug/l	98
10) 1,1-Dichloroethene	3.73	96	303994	20.25	ug/l	92
11) Methyl Iodide	3.95	142	441434	19.77	ug/l	99
12) Methyl Acetate	4.33	43	299697	20.43	ug/l	96
13) Acrolein	3.61	56	127646	83.19	ug/l	97
14) Acrylonitrile	5.00	53	514266	97.72	ug/l	98
15) Acetone	3.82	58	125449	94.48	ug/l	97
16) Carbon Disulfide	4.05	76	916962	19.76	ug/l	99
17) Allyl chloride	4.32	41	462850	19.52	ug/l	100
18) Methylene Chloride	4.55	84	345979	19.42	ug/l	97
19) trans-1,2-Dichloroethene	5.04	96	318910	20.12	ug/l	98
20) Diisopropyl ether	5.96	45	971386	20.30	ug/l	100
21) 1,1-Dichloroethane	5.85	63	597664	20.35	ug/l	100
22) cis-1,2-Dichloroethene	6.83	96	356595	20.20	ug/l	98
23) tert-Butyl Alcohol	4.81	59	105705	95.89	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	793473	19.87	ug/l	99
25) Chloroform	7.37	83	603491	20.35	ug/l	100
26) Cyclohexane	7.66	56	483062	19.48	ug/l	# 99
29) 1,1-Dichloropropene	7.80	75	452779	20.18	ug/l	100
30) 2-Butanone	6.84	43	585081	93.61	ug/l	99
31) 2,2-Dichloropropane	6.83	77	447778	18.61	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	522955	20.28	ug/l	99
33) Carbon Tetrachloride	7.78	117	464846	20.33	ug/l	97
34) Benzene	8.04	78	1360129	20.22	ug/l	98
35) Methacrylonitrile	7.18	41	135765	19.02	ug/l	99
36) 1,2-Dichloroethane	8.13	62	434003	20.21	ug/l	99
37) Trichloroethene	8.84	130	349908	19.96	ug/l	100
38) Methylcyclohexane	9.09	83	461346	19.08	ug/l	99
39) 1,2-Dichloropropane	9.12	63	353567	20.24	ug/l	99
40) Dibromomethane	9.21	93	211727	20.16	ug/l	100

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Quant Time: Jul 12 02:37:38 2018
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:52:12 2018
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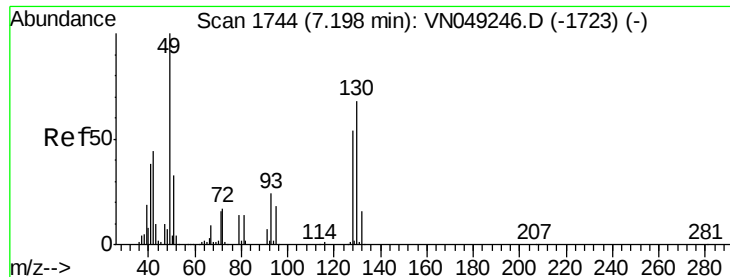
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.41	83	451538	19.99	ug/l	96
42) Vinyl Acetate	5.90	43	3223894	97.19	ug/l	100
43) Ethyl Acetate	6.94	43	261754	19.83	ug/l	95
44) Isopropyl Acetate	8.17	43	488424	19.79	ug/l	99
45) 1,4-Dioxane	9.20	88	62627	385.46	ug/l	97
46) Methyl methacrylate	9.20	41	234348	18.94	ug/l	99
47) n-amyl Acetate	12.07	43	378281	18.20	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	429464	18.87	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	500862	19.11	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	309276	20.25	ug/l	99
51) Ethyl methacrylate	10.43	69	349333	18.75	ug/l	98
52) 1,3-Dichloropropane	10.71	76	497529	19.83	ug/l	100
53) Dibromochloromethane	10.90	129	333011	19.28	ug/l	99
54) 1,2-Dibromoethane	11.01	107	288141	19.41	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	891453	93.92	ug/l	100
56) Bromoform	12.13	173	222096	18.77	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	1343675	99.68	ug/l	99
59) 2-Hexanone	10.75	43	862027	95.00	ug/l	100
61) Tetrachloroethene	10.63	164	317471	20.41	ug/l	98
62) Toluene	10.16	91	1431784	20.15	ug/l	100
64) Chlorobenzene	11.44	112	865438	19.85	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	330269	19.96	ug/l	99
66) Ethyl Benzene	11.51	91	1461439	19.60	ug/l	99
67) m/p-Xylenes	11.63	106	1138465	39.70	ug/l	100
68) o-Xylene	11.95	106	543826	19.85	ug/l	100
69) Styrene	11.97	104	848113	19.39	ug/l	99
70) Isopropylbenzene	12.25	105	1457447	20.06	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	367649	19.71	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	290428m	19.45	ug/l	
73) Bromobenzene	12.53	156	370548	19.45	ug/l	99
74) n-propylbenzene	12.59	91	1632155	19.40	ug/l	100
75) 2-Chlorotoluene	12.68	91	989266	19.61	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	1157627	19.60	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	90065	17.21	ug/l	97
78) 4-Chlorotoluene	12.78	91	971867	19.32	ug/l	99
79) tert-butylbenzene	13.00	119	997782	19.46	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	1177151	19.74	ug/l	100
81) sec-Butylbenzene	13.17	105	1340551	19.47	ug/l	100
82) p-Isopropyltoluene	13.29	119	1138459	19.12	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	628825	19.02	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	608294	19.21	ug/l	98
85) n-Butylbenzene	13.62	91	883464	18.23	ug/l	99
86) Hexachloroethane	13.88	117	219376	19.37	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	620502	19.49	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	52840	19.02	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	296446	18.44	ug/l	97
90) Hexachlorobutadiene	15.01	225	195060	19.06	ug/l	97
91) Naphthalene	15.14	128	609124	17.19	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	303092	18.79	ug/l	99

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QLast Update : Thu Jul 12 01:52:12 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

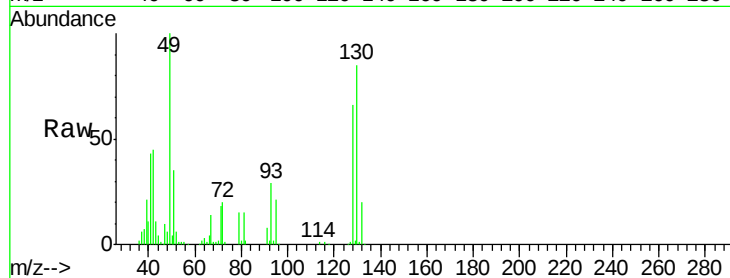
Tot Ion:128 Resp: 261521

Ion Ratio Lower Upper

128 100

49 153.3 0.0 378.3

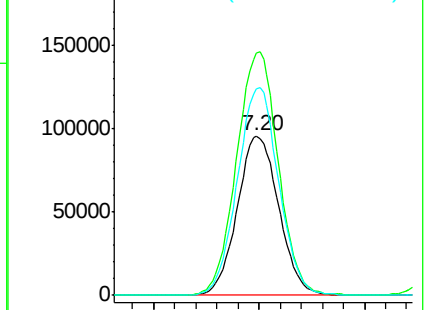
130 130.1 0.0 320.7



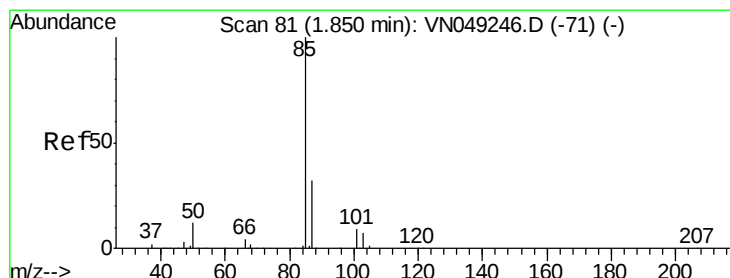
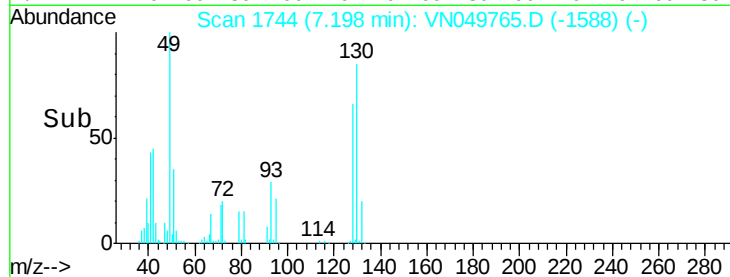
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 21.63 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049765.D

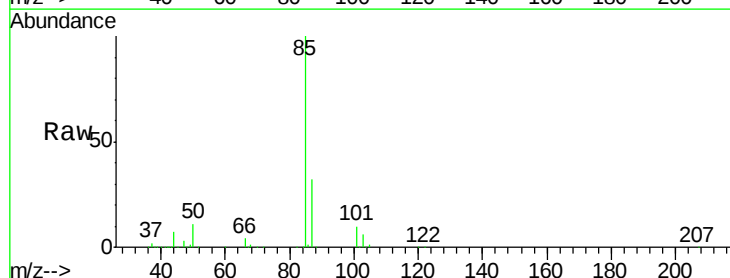
Acq: 11 Jul 2018 19:03

Tgt Ion: 85 Resp: 423205

Ion Ratio Lower Upper

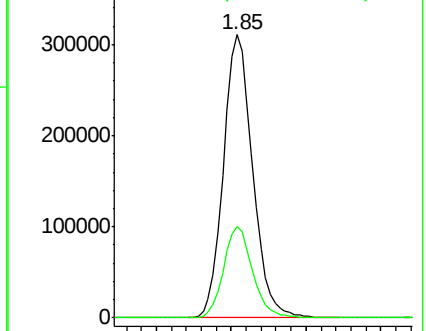
85 100

87 32.2 15.4 46.4

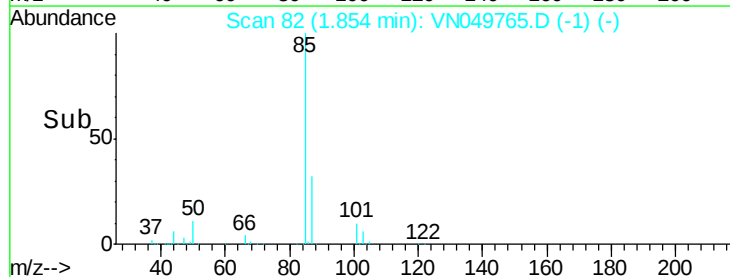


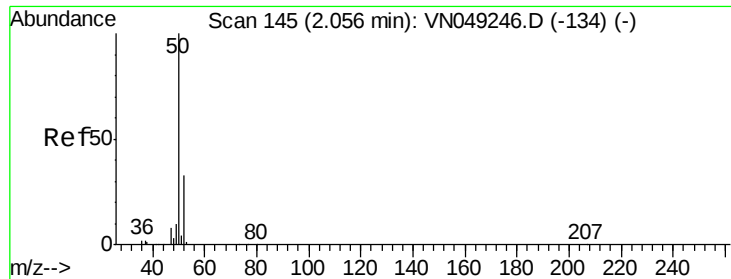
Abundance Ion 85.00 (84.70 to 85.70): V

Ion 87.00 (86.70 to 87.70): V



Time-->





#3

Chloromethane

Concen: 20.16 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049765.D

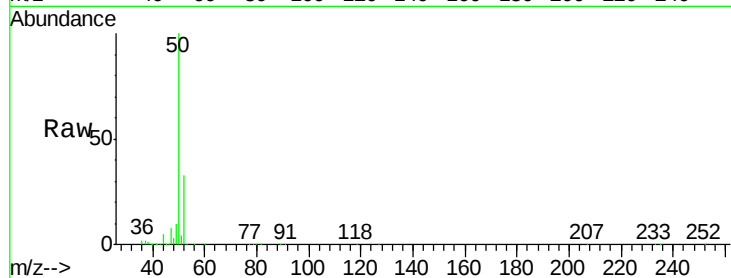
Acq: 11 Jul 2018 19:03

Tot Ion: 50 Resp: 407666

Ion Ratio Lower Upper

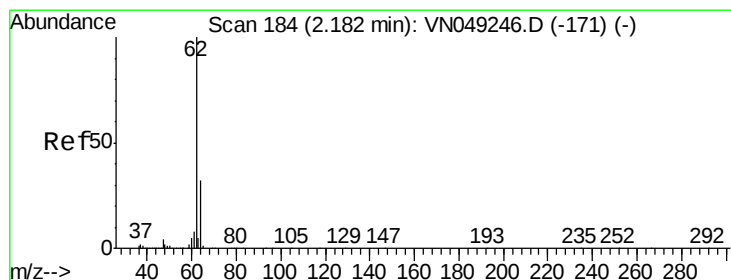
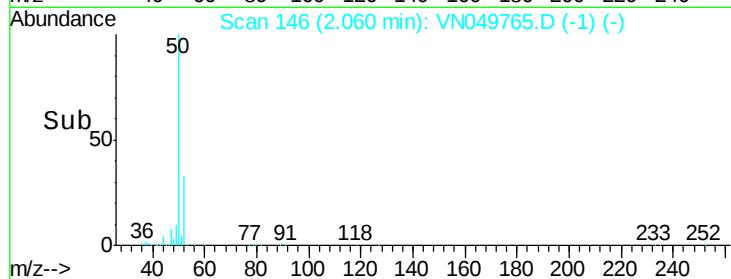
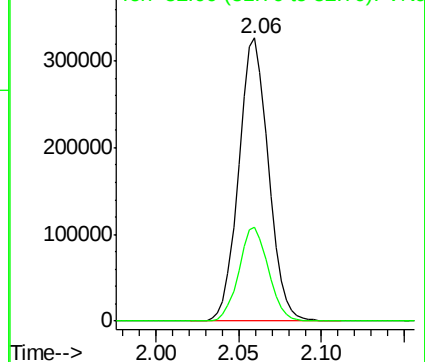
50 100

52 33.3 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.46 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049765.D

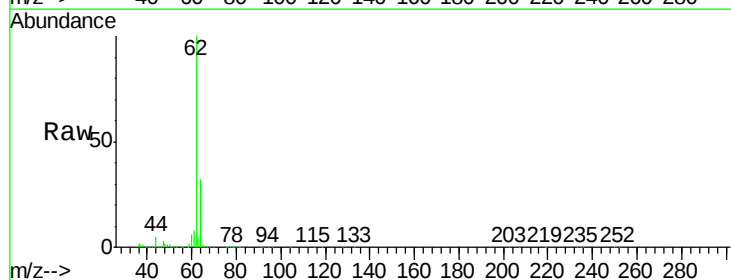
Acq: 11 Jul 2018 19:03

Tgt Ion: 62 Resp: 437946

Ion Ratio Lower Upper

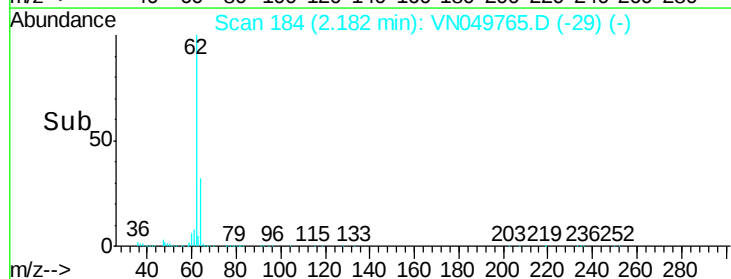
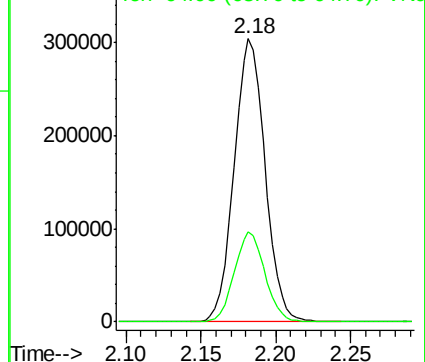
62 100

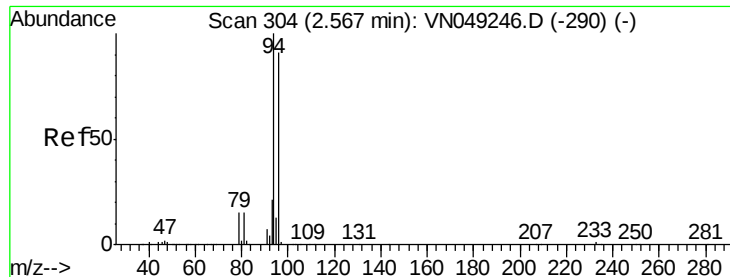
64 31.9 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 19.81 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049765.D

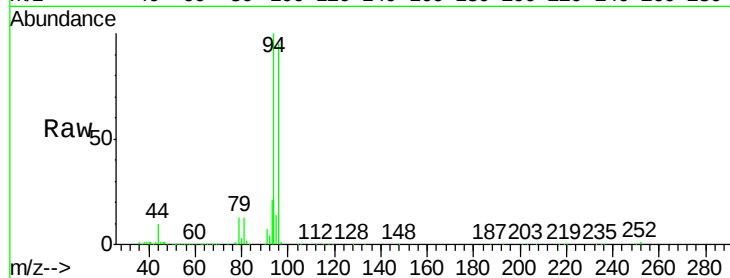
Acq: 11 Jul 2018 19:03

Tot Ion: 94 Resp: 255882

Ion Ratio Lower Upper

94 100

96 95.1 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

150000

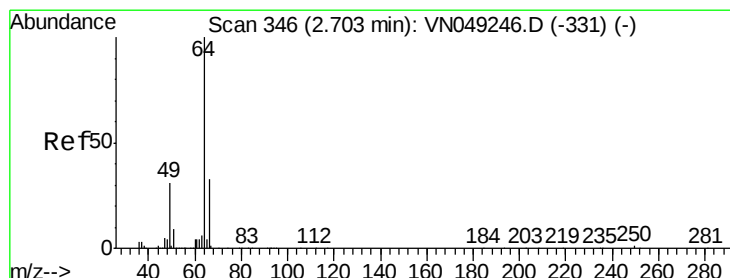
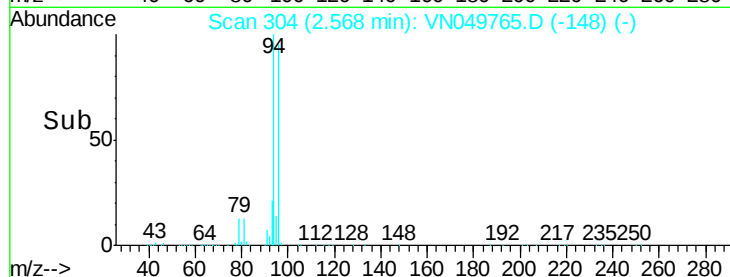
100000

50000

0

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 20.18 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049765.D

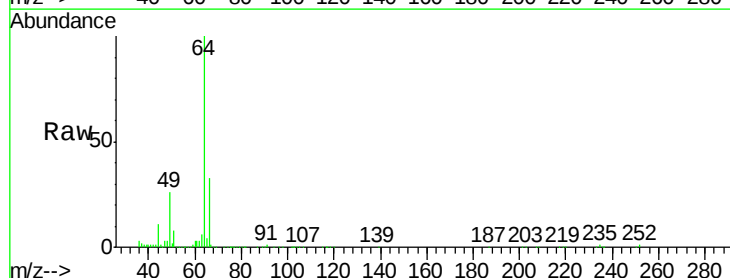
Acq: 11 Jul 2018 19:03

Tgt Ion: 64 Resp: 250636

Ion Ratio Lower Upper

64 100

66 32.4 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

150000

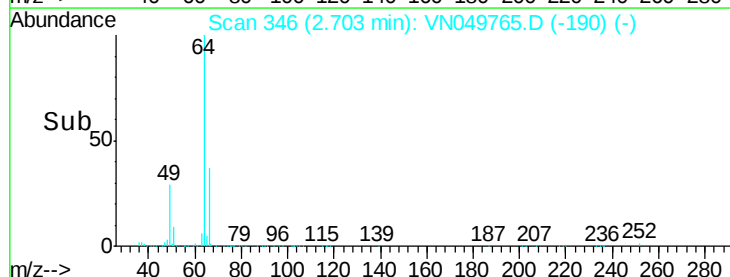
100000

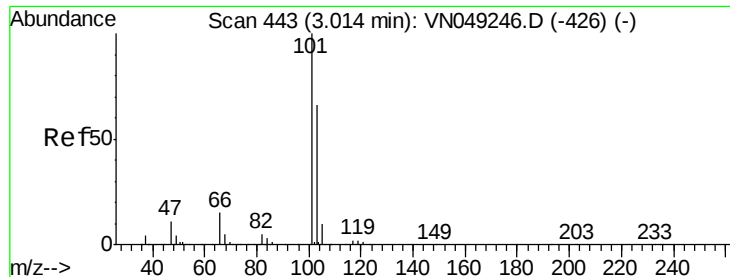
50000

0

2.60 2.65 2.70 2.75

Time-->





#7

Trichlorofluoromethane

Concen: 20.78 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN049765.D

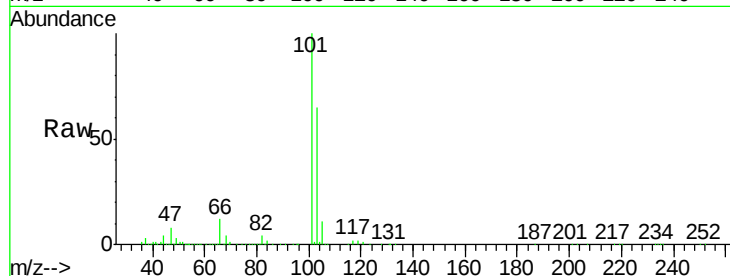
Acq: 11 Jul 2018 19:03

Tot Ion:101 Resp: 562656

Ion Ratio Lower Upper

101 100

103 65.2 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.01

250000

200000

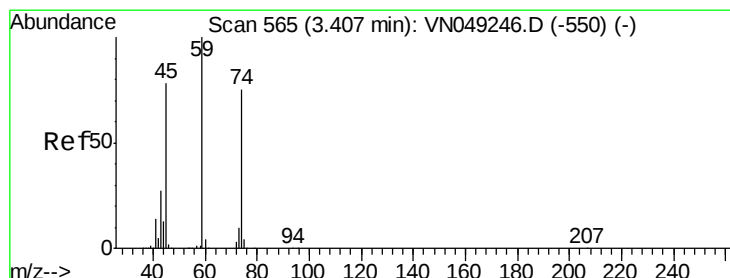
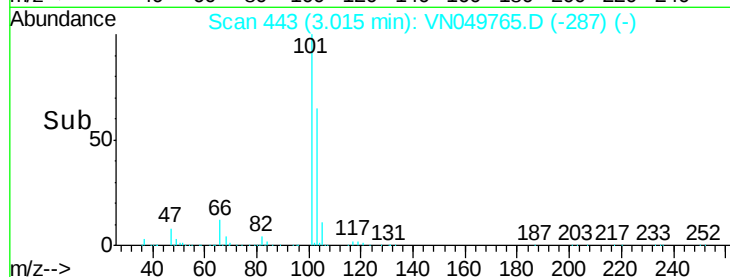
150000

100000

50000

0

Time--> 2.90 3.00 3.10



#8

Diethyl Ether

Concen: 19.78 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049765.D

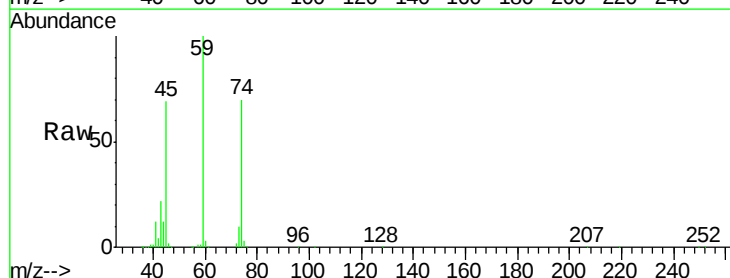
Acq: 11 Jul 2018 19:03

Tgt Ion: 74 Resp: 182928

Ion Ratio Lower Upper

74 100

45 97.4 18.7 167.9



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

3.41

80000

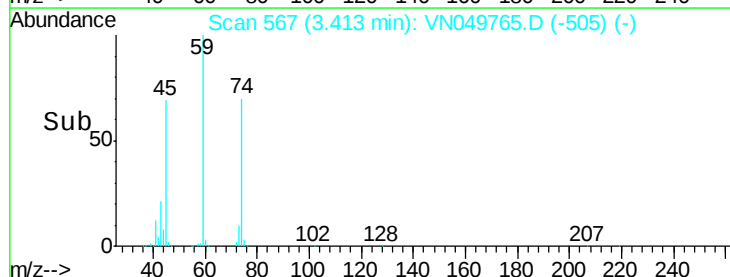
60000

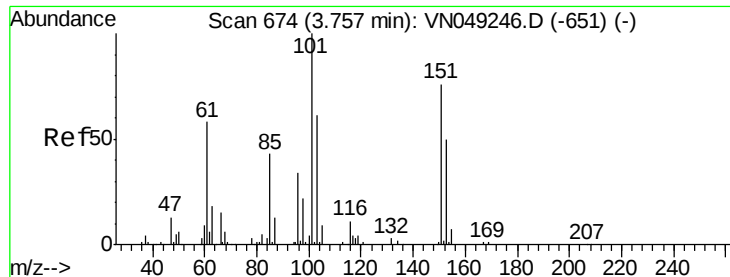
40000

20000

0

Time--> 3.30 3.35 3.40 3.45 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.58 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

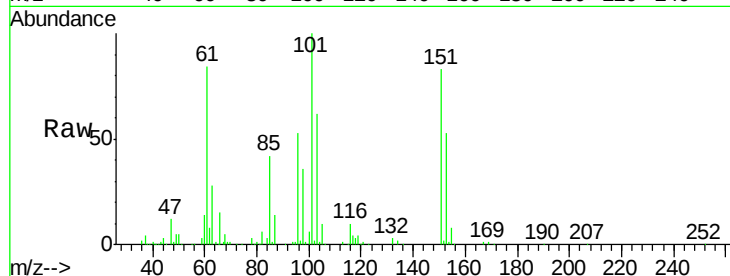
Tot Ion:101 Resp: 33514

Ion Ratio Lower Upper

101 100

85 42.8 0.0 83.0

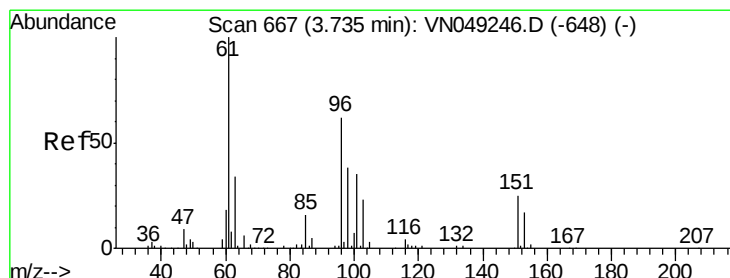
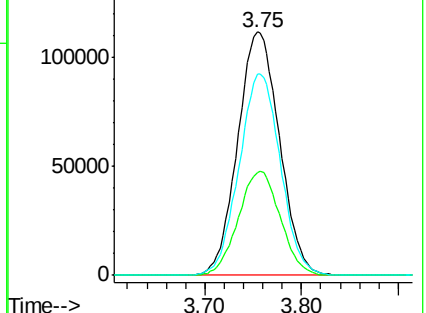
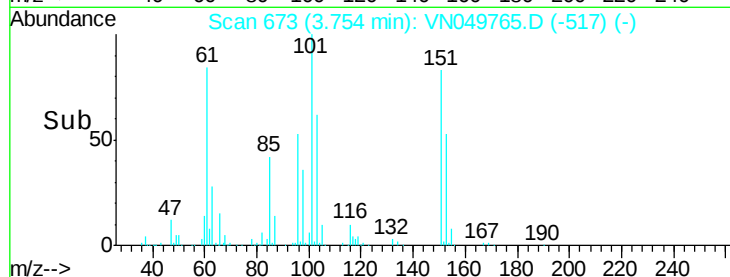
151 81.8 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.25 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

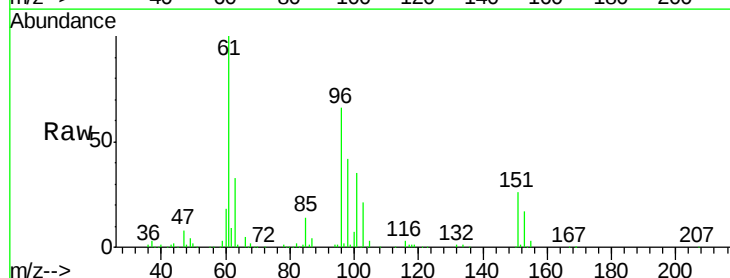
Tgt Ion: 96 Resp: 303994

Ion Ratio Lower Upper

96 100

61 150.9 130.6 195.8

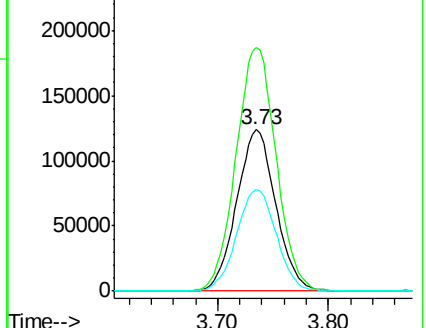
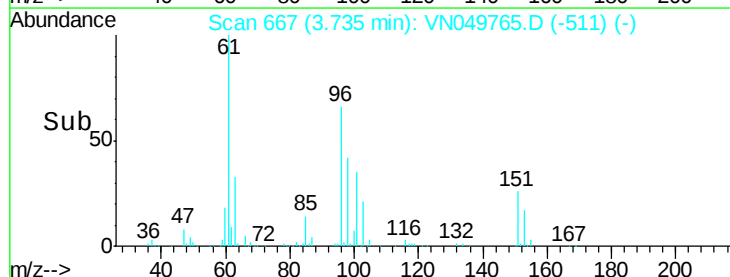
98 63.4 53.5 80.3

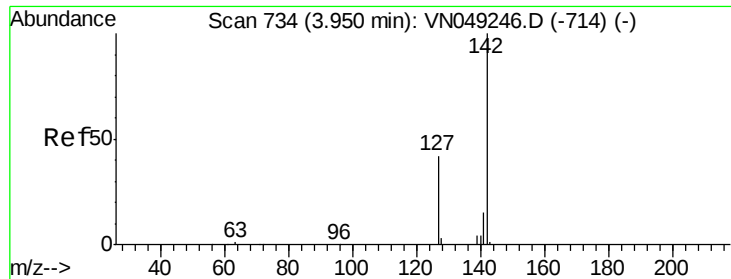


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

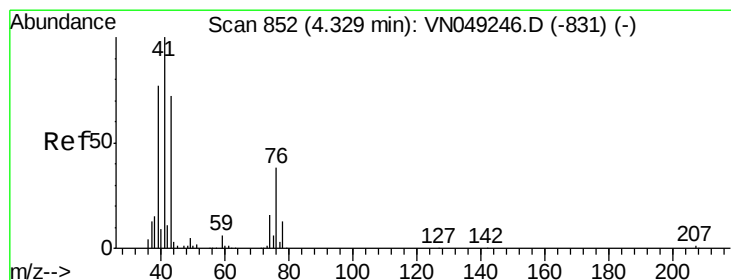
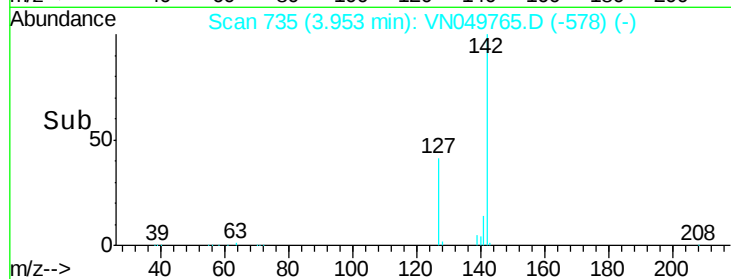
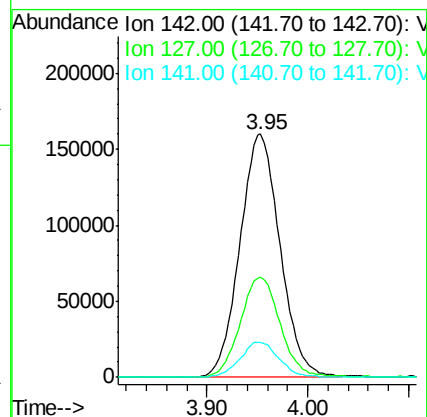
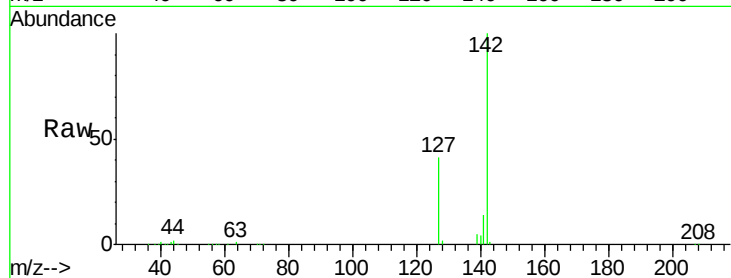
Ion 98.00 (97.70 to 98.70): VN





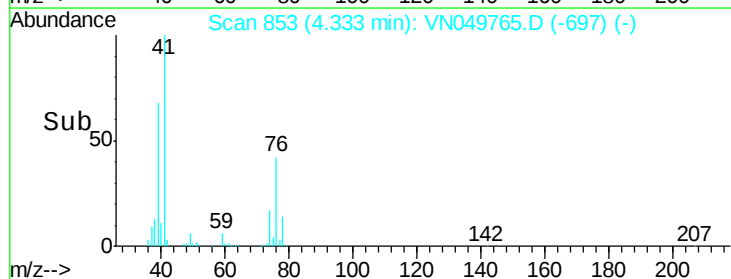
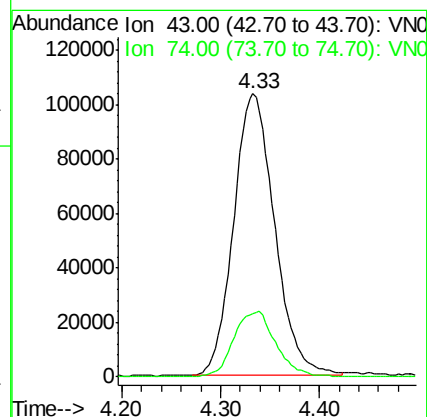
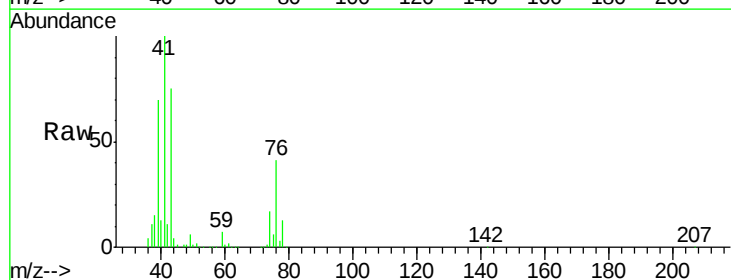
#11
Methyl Iodide
Concen: 19.77 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

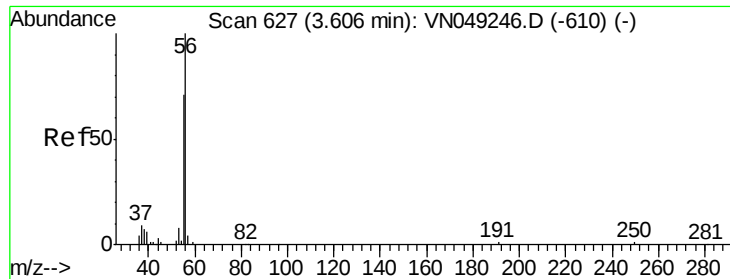
Tot Ion:142 Resp: 441434
Ion Ratio Lower Upper
142 100
127 40.8 20.2 60.5
141 14.2 6.9 20.6



#12
Methyl Acetate
Concen: 20.43 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion: 43 Resp: 299697
Ion Ratio Lower Upper
43 100
74 22.2 19.3 28.9





#13

Acrolein

Concen: 83.19 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049765.D

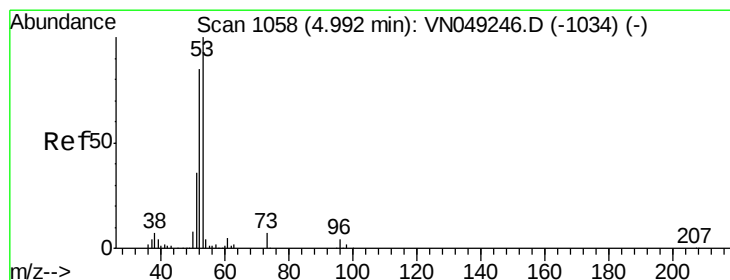
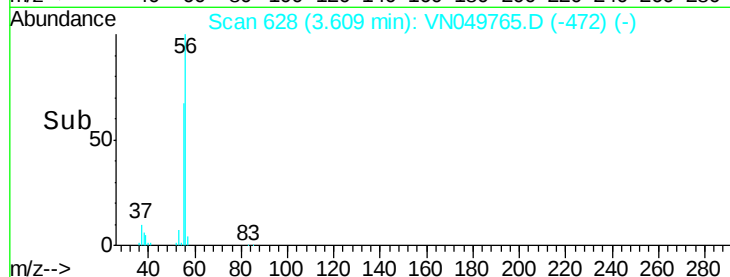
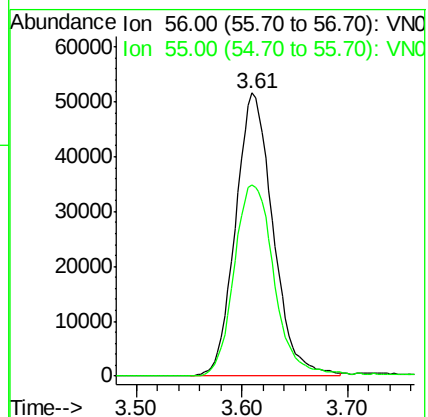
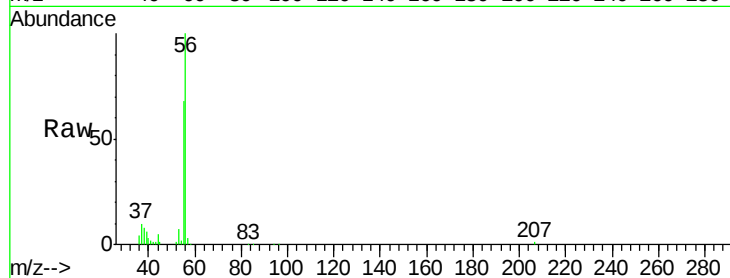
Acq: 11 Jul 2018 19:03

Tot Ion: 56 Resp: 127646

Ion Ratio Lower Upper

56 100

55 70.7 58.6 88.0



#14

Acrylonitrile

Concen: 97.72 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

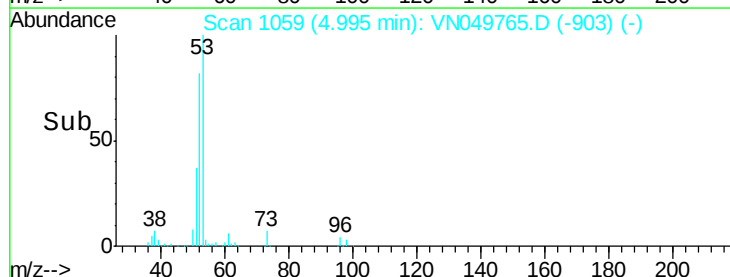
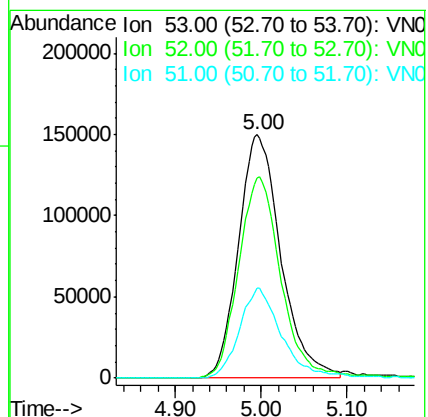
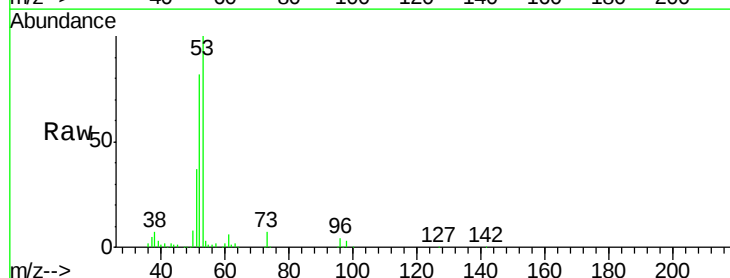
Tgt Ion: 53 Resp: 514266

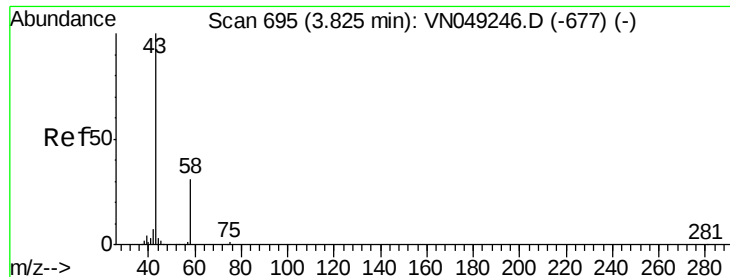
Ion Ratio Lower Upper

53 100

52 81.9 41.5 124.5

51 36.1 18.7 56.1





#15

Acetone

Concen: 94.48 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049765.D

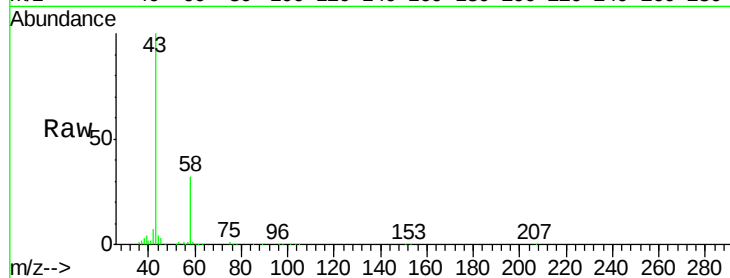
Acq: 11 Jul 2018 19:03

Tot Ion: 58 Resp: 125449

Ion Ratio Lower Upper

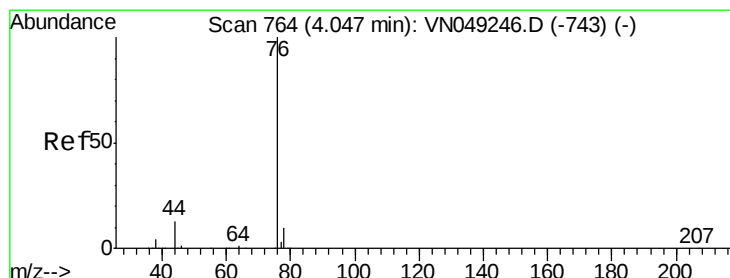
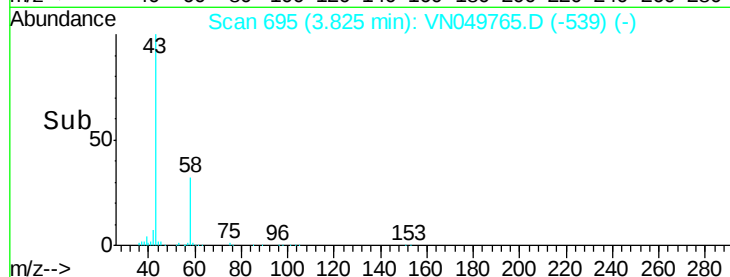
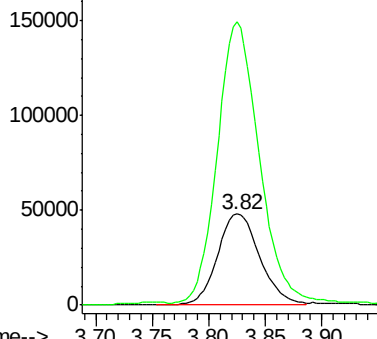
58 100

43 308.6 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.76 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049765.D

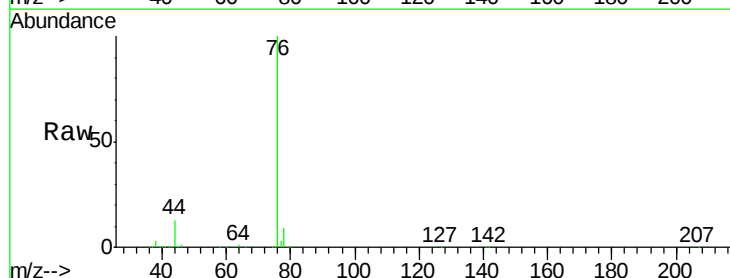
Acq: 11 Jul 2018 19:03

Tgt Ion: 76 Resp: 916962

Ion Ratio Lower Upper

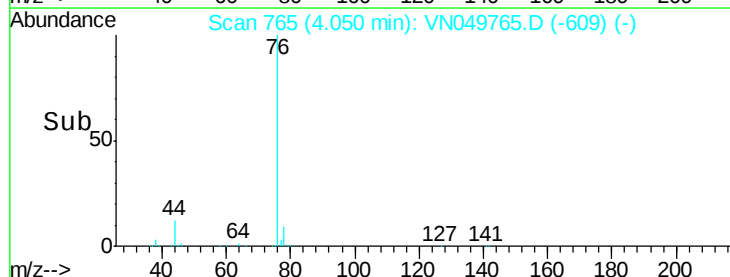
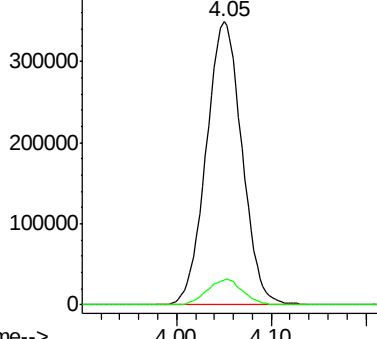
76 100

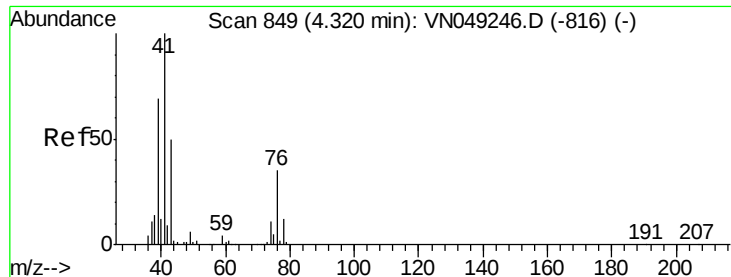
78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

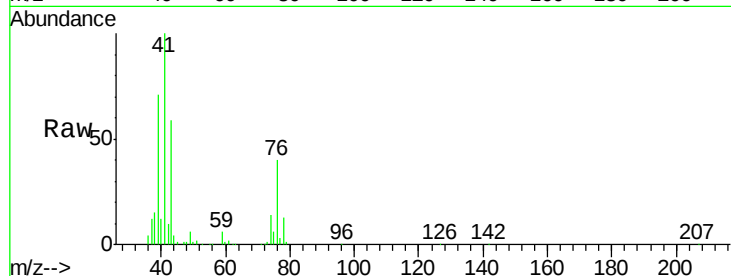
Ion 78.00 (77.70 to 78.70): VN0





#17
Allvl chloride
Concen: 19.52 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.8	35.4	106.3
76	39.6	19.7	59.1

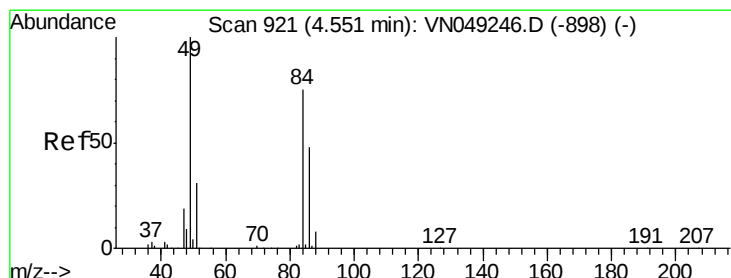
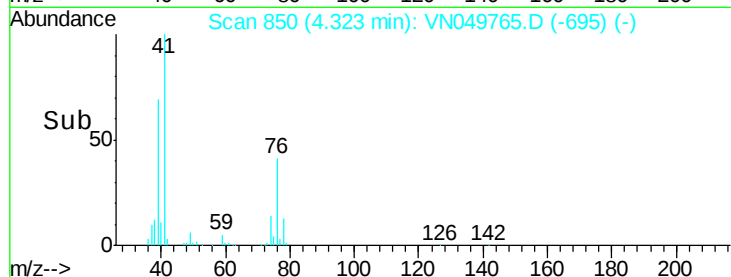
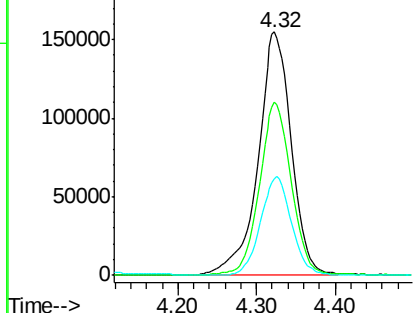


Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 76.00 (75.70 to 76.70): VNO



#18
Methylene Chloride
Concen: 19.42 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	95.1	142.7
51	37.2	28.8	43.2
86	63.4	52.3	78.5

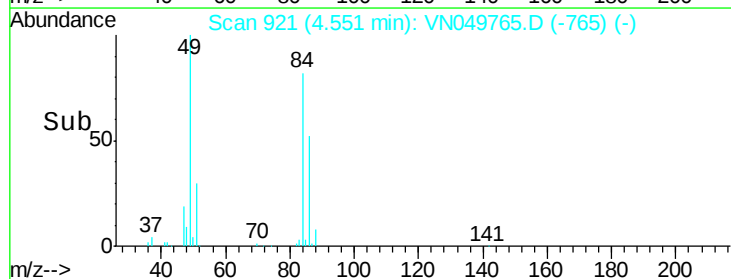
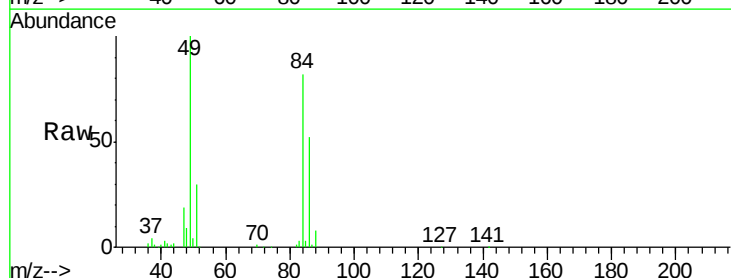
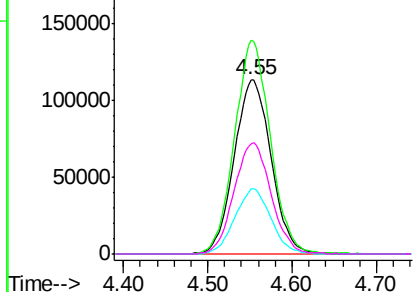
Abundance

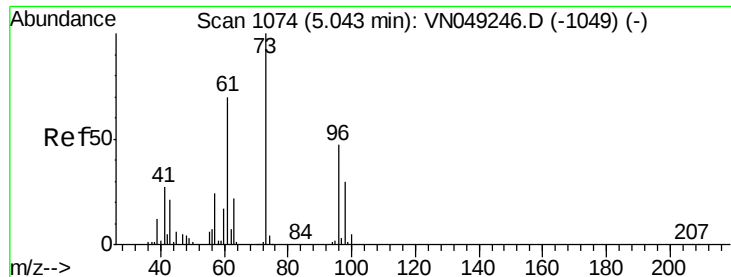
Ion 84.00 (83.70 to 84.70): VNO

Ion 49.00 (48.70 to 49.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

Ion 86.00 (85.70 to 86.70): VNO





#19

trans-1,2-Dichloroethene

Concen: 20.12 ug/l

RT: 5.04 min Scan# 1074

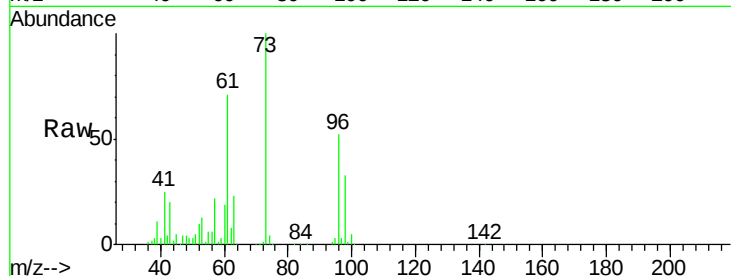
Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

Tot Ion: 96 Resp: 318910

Ion	Ratio	Lower	Upper
96	100		
61	136.6	112.1	168.1
98	64.5	51.3	76.9

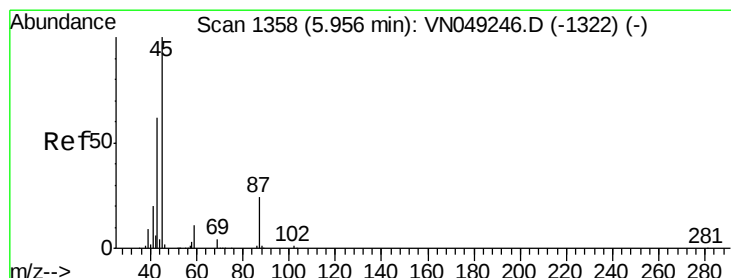
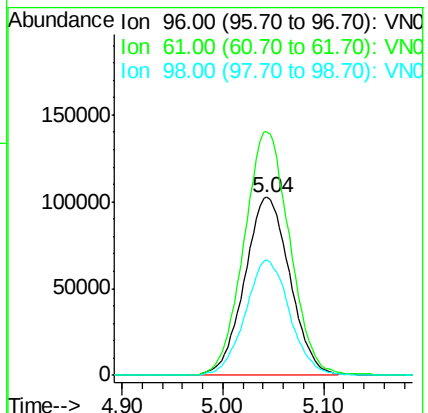
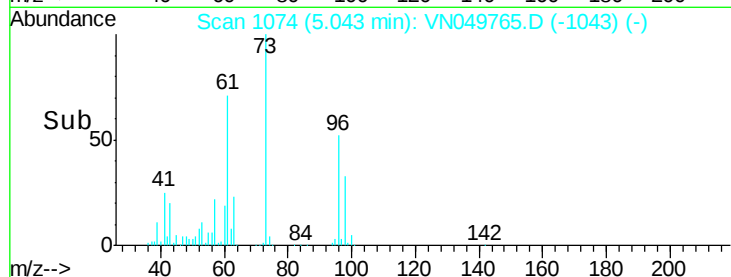


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 20.30 ug/l

RT: 5.96 min Scan# 1359

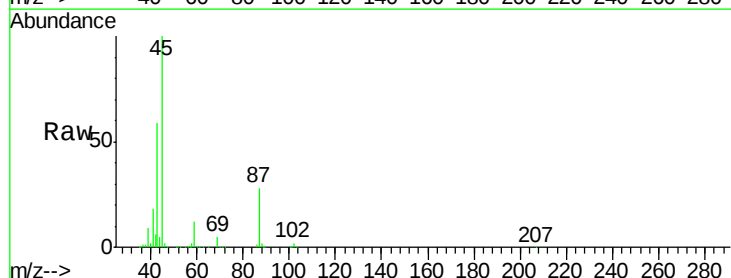
Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

Tgt Ion: 45 Resp: 971386

Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.6	70.0
87	27.5	22.3	33.5
59	11.8	9.5	14.3



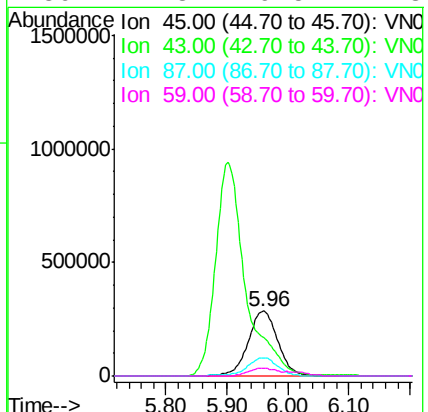
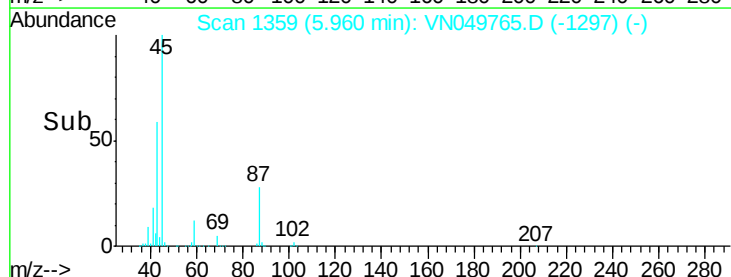
Abundance

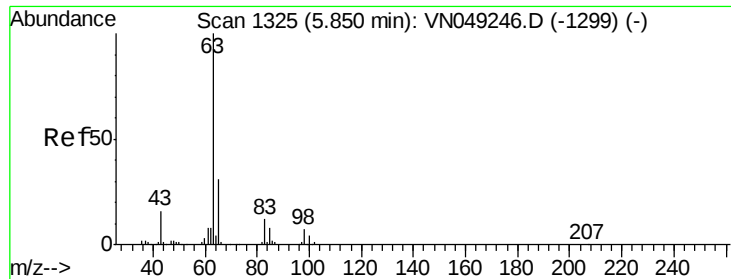
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 20.35 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

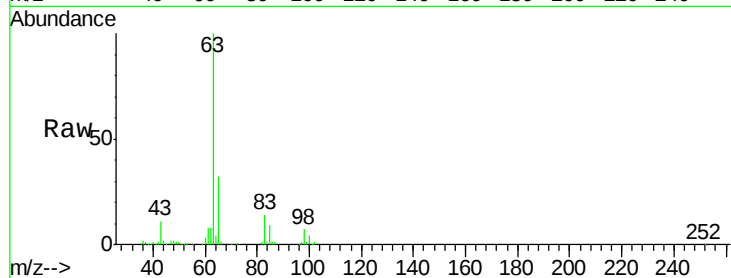
Tot Ion: 63 Resp: 597664

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

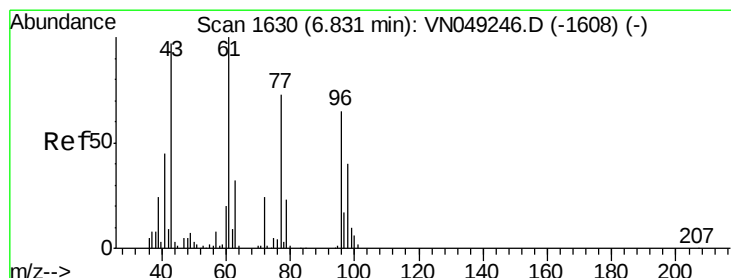
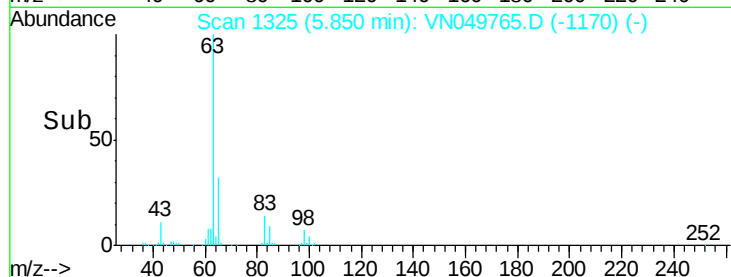
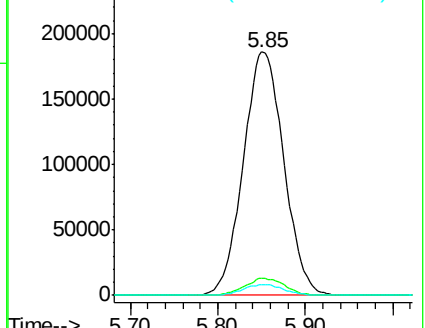
100 4.5 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN049765.D (-1170) (-)

Ion 98.00 (97.70 to 98.70): VN049765.D (-1170) (-)

Ion 100.00 (99.70 to 100.70): VN049765.D (-1170) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.20 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

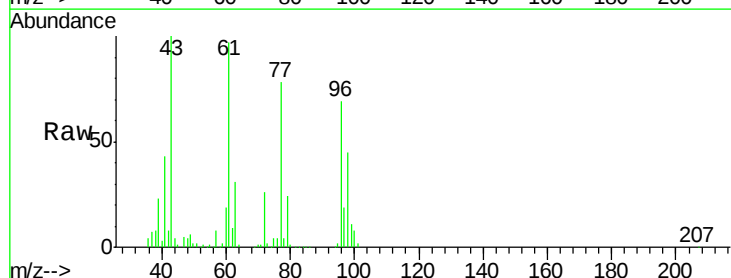
Tgt Ion: 96 Resp: 356595

Ion Ratio Lower Upper

96 100

61 139.6 114.2 171.2

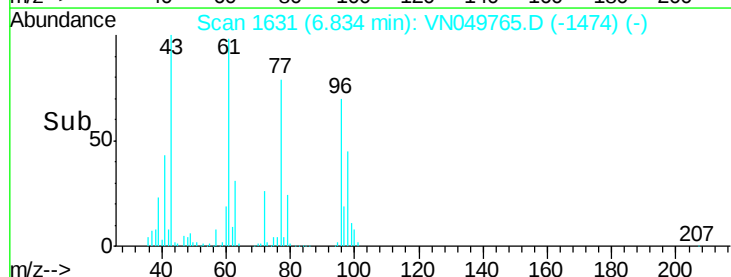
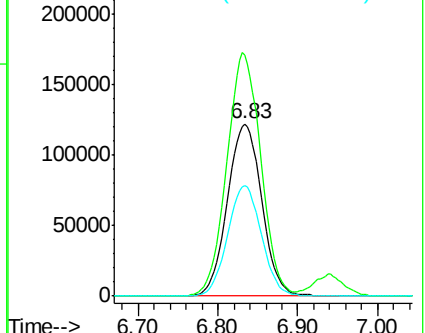
98 63.4 51.7 77.5

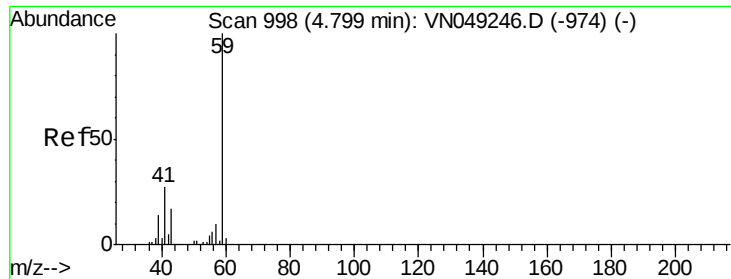


Abundance Ion 96.00 (95.70 to 96.70): VN049765.D (-1474) (-)

Ion 61.00 (60.70 to 61.70): VN049765.D (-1474) (-)

Ion 98.00 (97.70 to 98.70): VN049765.D (-1474) (-)





#23

tert-Butyl Alcohol

Concen: 95.89 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN049765.D

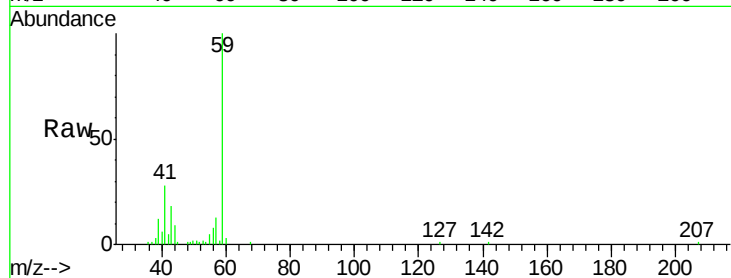
Acq: 11 Jul 2018 19:03

Tot Ion: 59 Resp: 105705

Ion Ratio Lower Upper

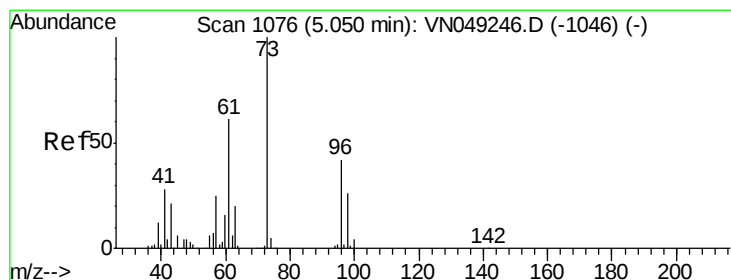
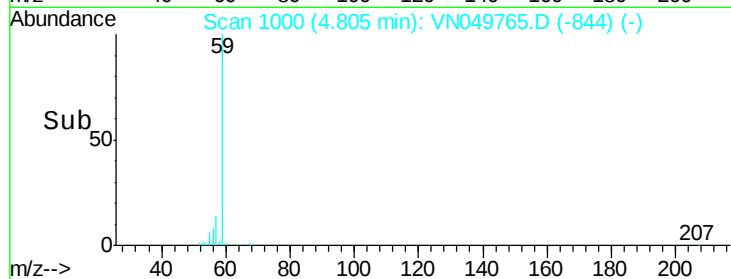
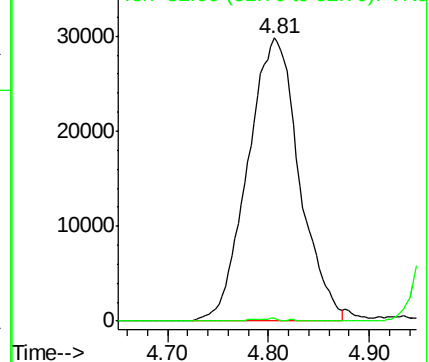
59 100

52 0.2 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 19.87 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049765.D

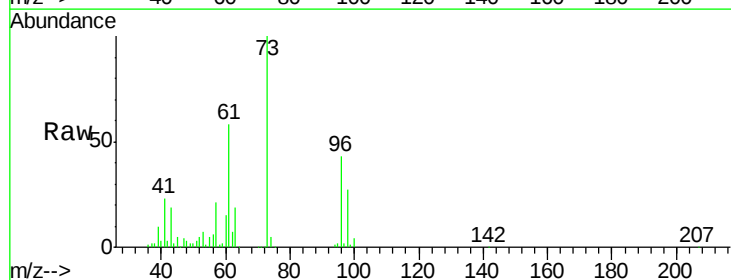
Acq: 11 Jul 2018 19:03

Tgt Ion: 73 Resp: 793473

Ion Ratio Lower Upper

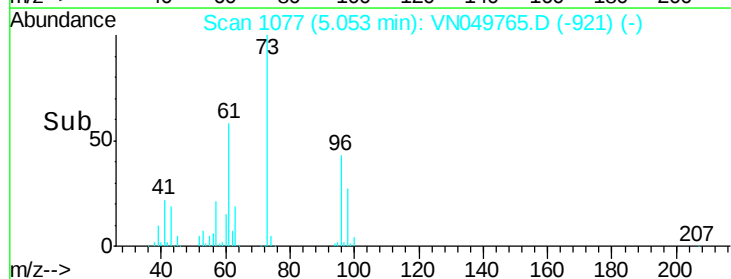
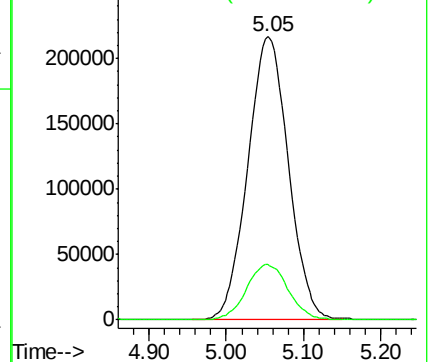
73 100

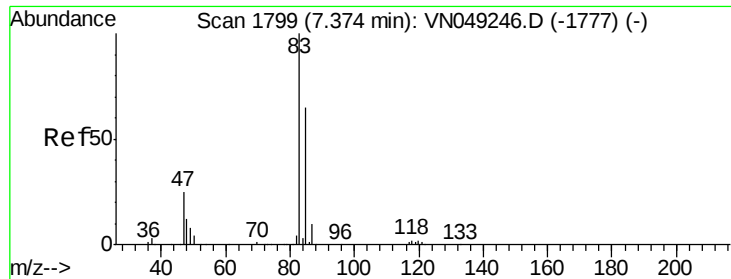
43 19.7 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 20.35 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049765.D

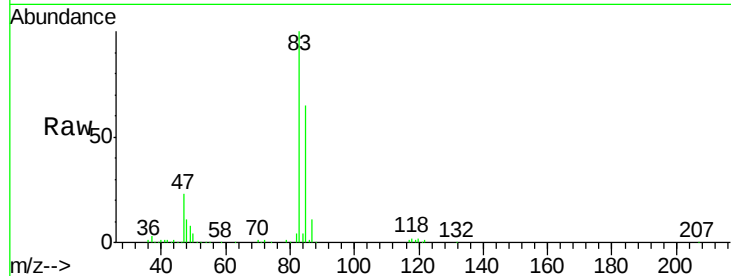
Acq: 11 Jul 2018 19:03

Tot Ion: 83 Resp: 603491

Ion Ratio Lower Upper

83 100

85 65.2 52.1 78.1



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

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

7.37

250000

200000

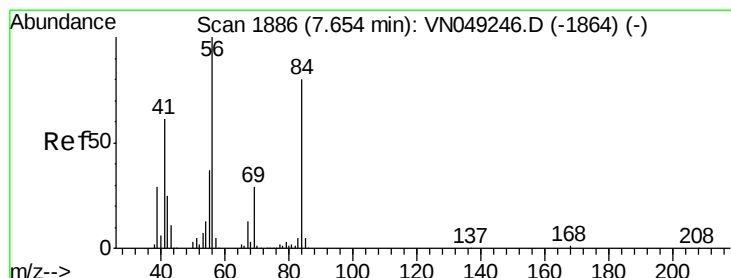
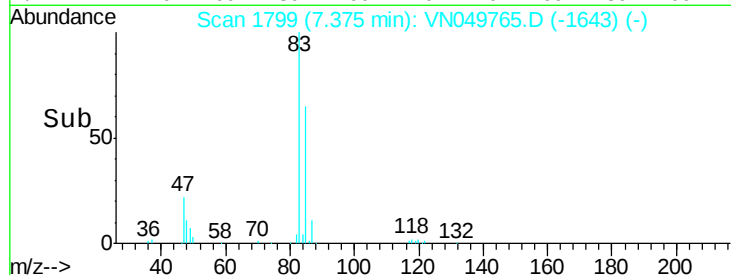
150000

100000

50000

0

Time-->



#26

Cyclohexane

Concen: 19.48 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

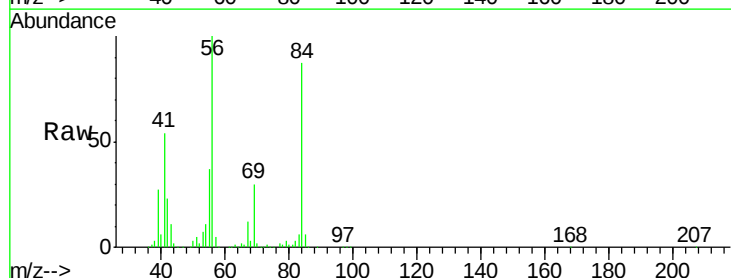
Tgt Ion: 56 Resp: 483062

Ion Ratio Lower Upper

56 100

89 0.1 3.0 4.4#

84 88.2 69.8 104.8



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

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

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

7.66

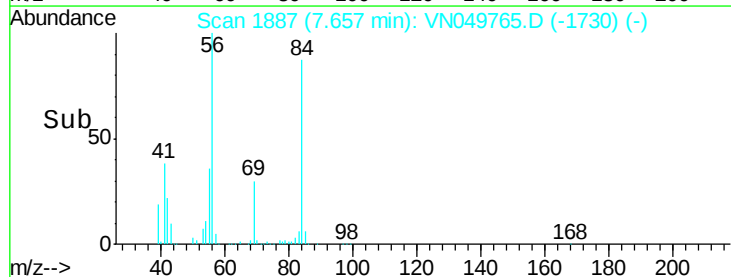
300000

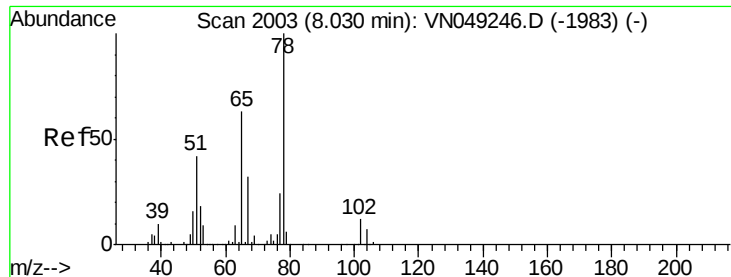
200000

100000

0

Time-->





#27

1,2-Dichloroethane-d4

Concen: 30.68 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049765.D

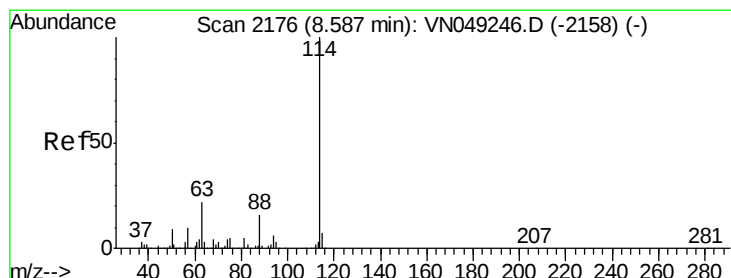
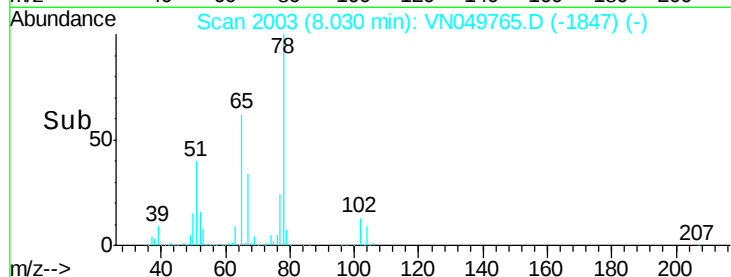
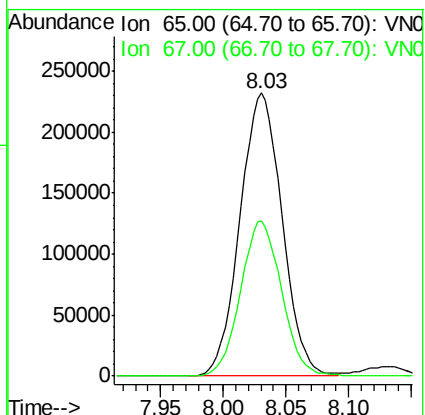
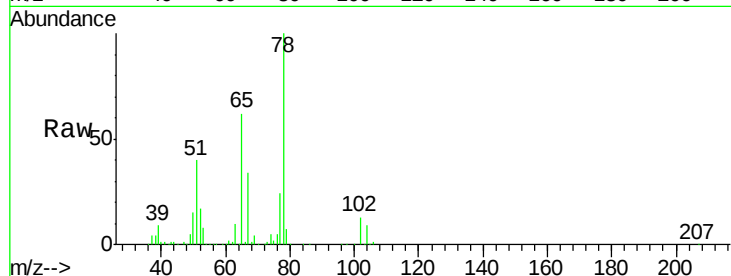
Acq: 11 Jul 2018 19:03

Tot Ion: 65 Resp: 542321

Ion Ratio Lower Upper

65 100

67 53.3 42.7 64.1



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

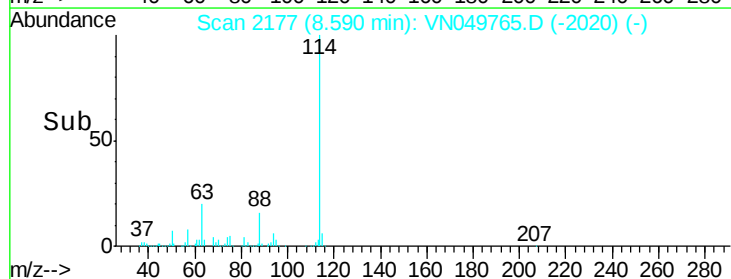
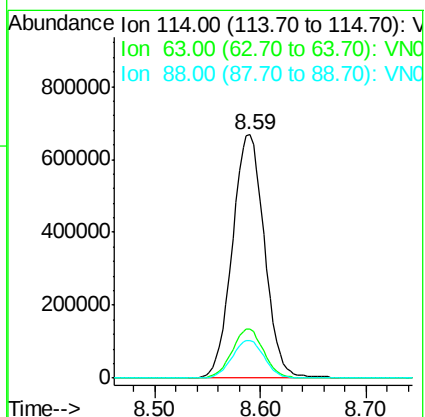
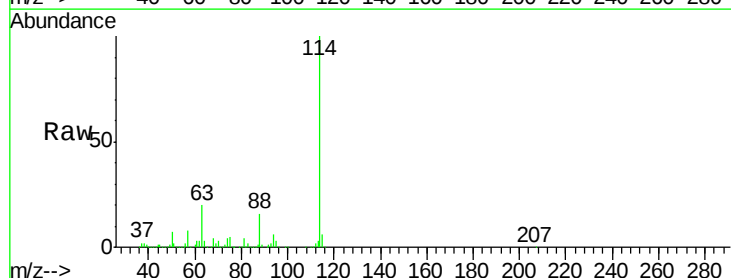
Tgt Ion: 114 Resp: 1409908

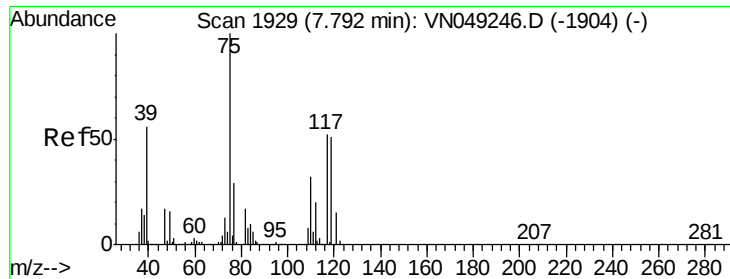
Ion Ratio Lower Upper

114 100

63 19.9 16.2 24.2

88 15.4 12.3 18.5





#29

1,1-Dichloropropene

Concen: 20.18 ug/l

RT: 7.80 min Scan# 1930

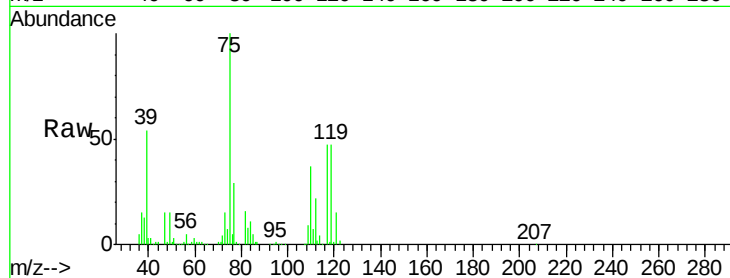
Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

Tot Ion: 75 Resp: 452779

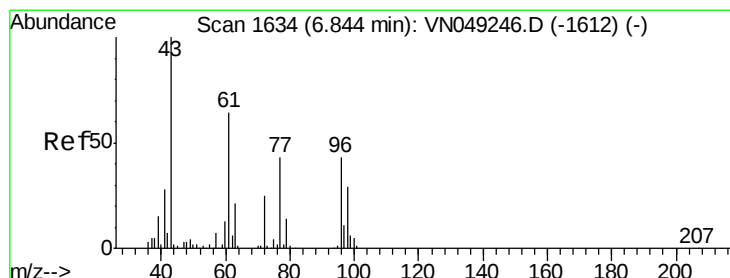
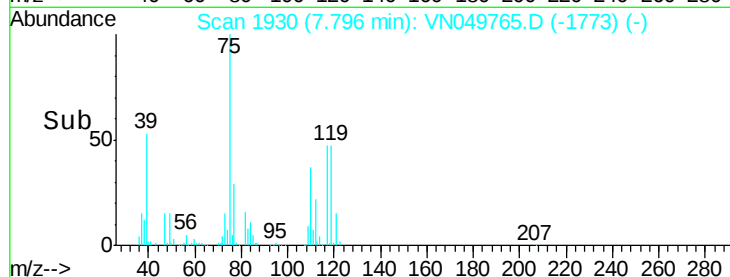
Ion	Ratio	Lower	Upper
75	100		
110	36.2	0.0	73.2
77	30.8	0.0	62.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 110.00 (109.70 to 110.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#30

2-Butanone

Concen: 93.61 ug/l

RT: 6.84 min Scan# 1634

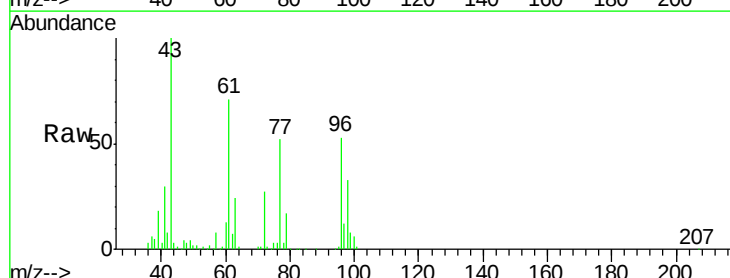
Delta R.T. -0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

Tgt Ion: 43 Resp: 585081

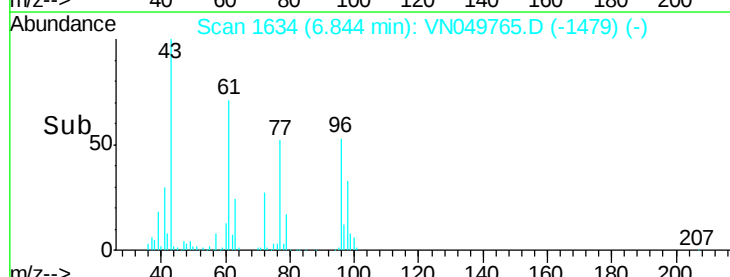
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.8	10.2
72	27.2	21.4	32.0

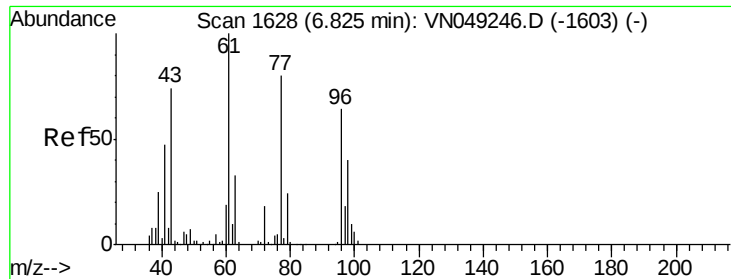


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

2,2-Dichloropropane

Concen: 18.61 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049765.D

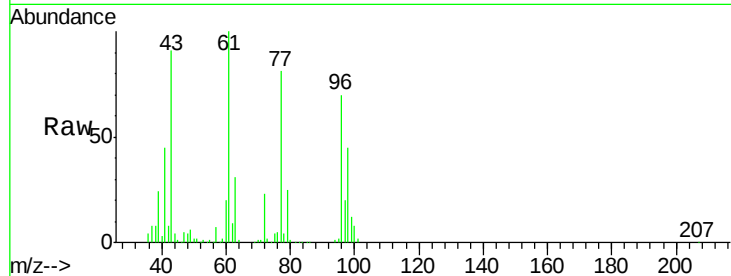
Acq: 11 Jul 2018 19:03

Tot Ion: 77 Resp: 447778

Ion Ratio Lower Upper

77 100

97 23.5 18.9 28.3



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0

6.83

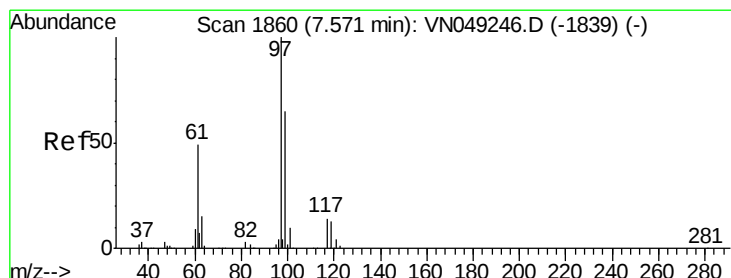
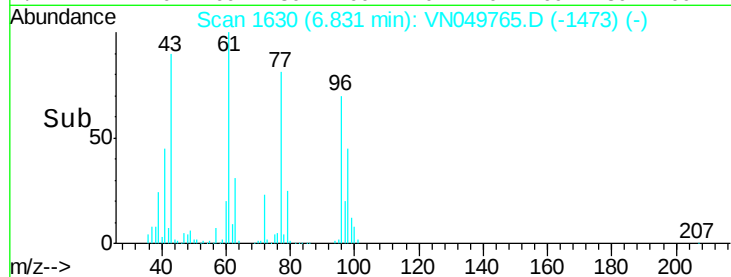
150000

100000

50000

0

Time-->



#32

1,1,1-Trichloroethane

Concen: 20.28 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

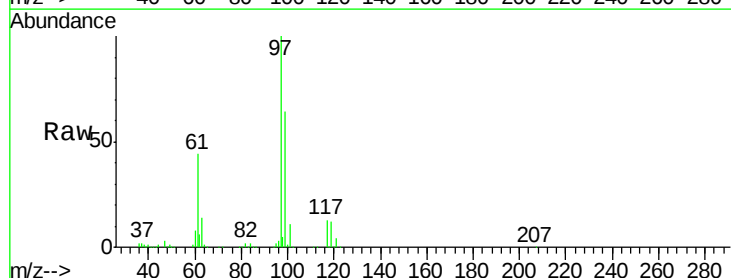
Tgt Ion: 97 Resp: 522955

Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 44.5 35.3 52.9



Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

250000

200000

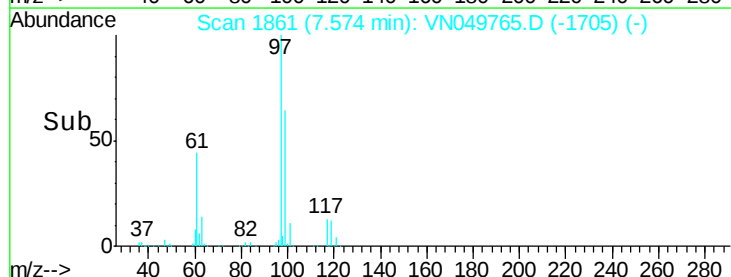
150000

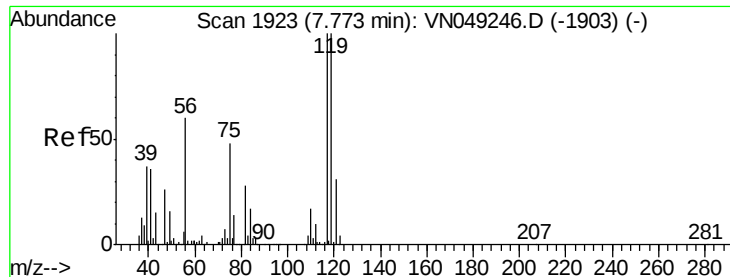
100000

50000

0

Time-->





#33

Carbon Tetrachloride

Concen: 20.33 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

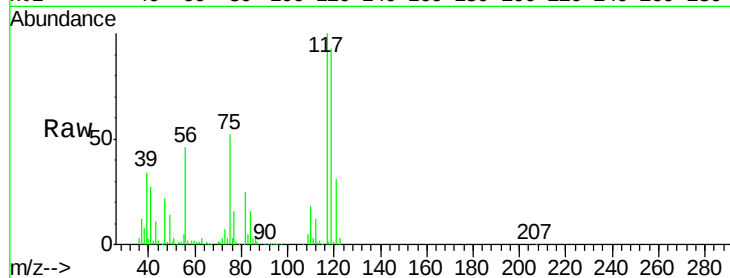
Tot Ion:117 Resp: 464846

Ion Ratio Lower Upper

117 100

119 92.6 76.9 115.3

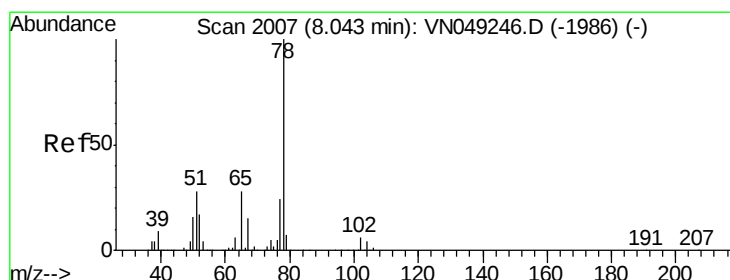
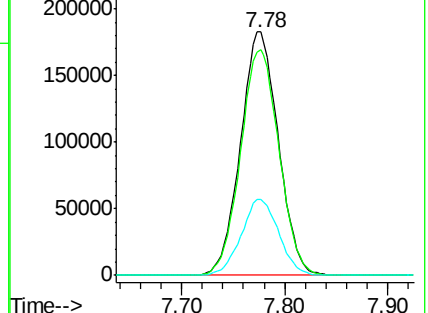
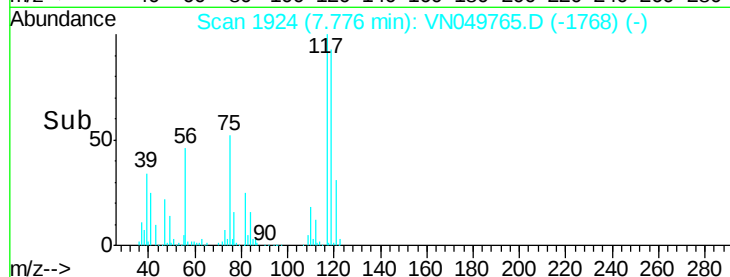
121 31.2 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.22 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

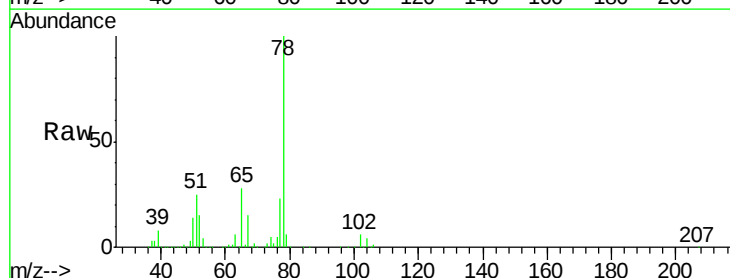
Tgt Ion: 78 Resp: 1360129

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

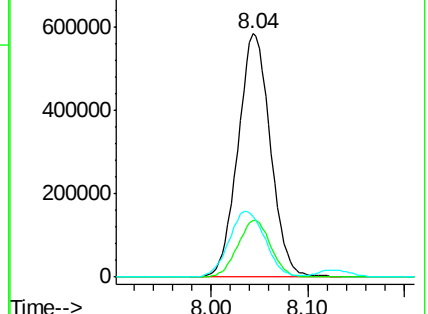
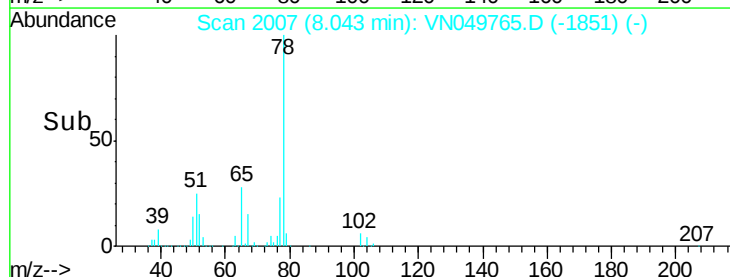
51 25.1 21.0 31.4

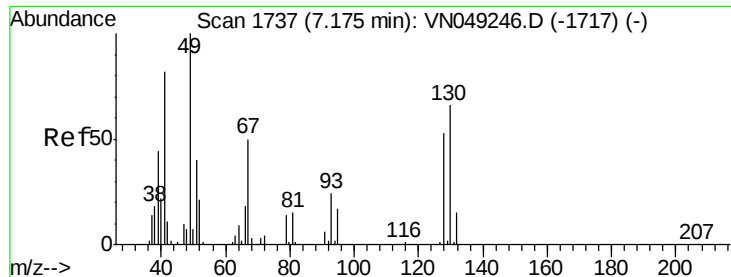


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

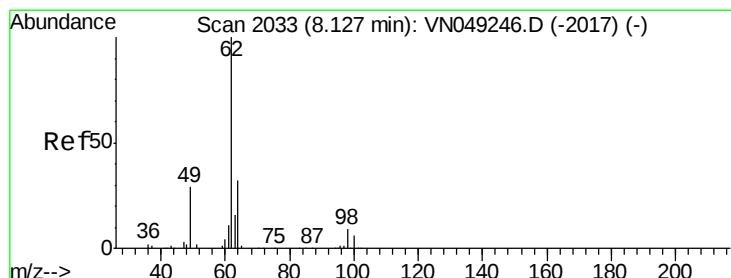
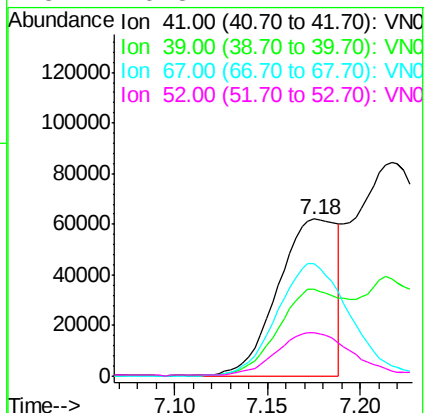
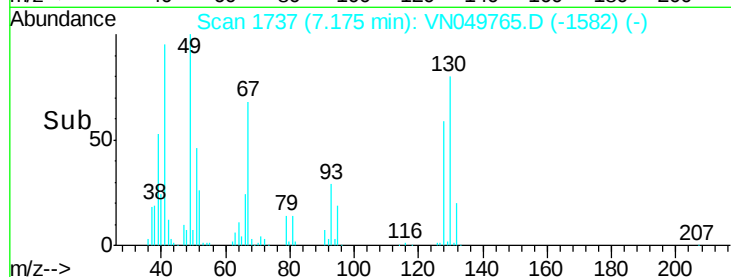
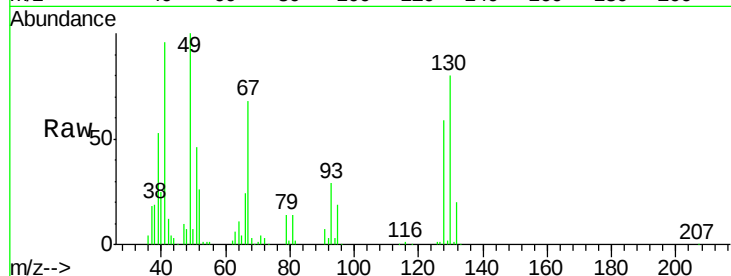
Ion 51.00 (50.70 to 51.70): V





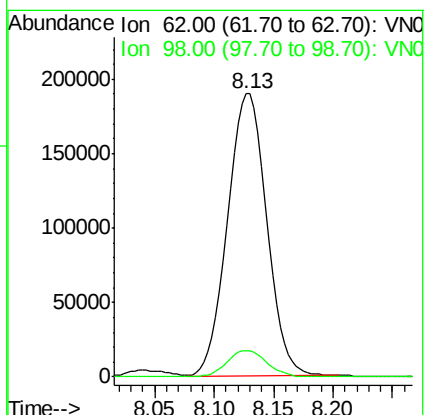
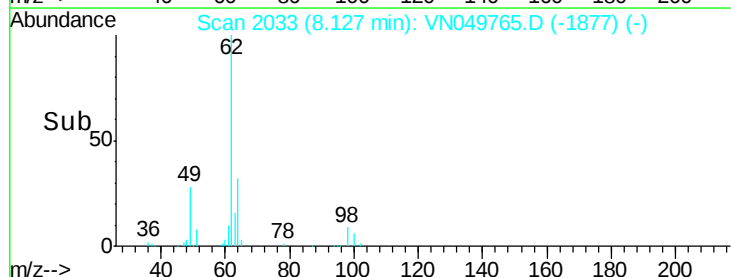
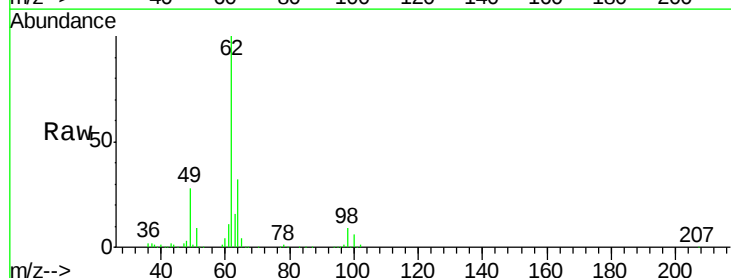
#35
Methacrylonitrile
Concen: 19.02 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

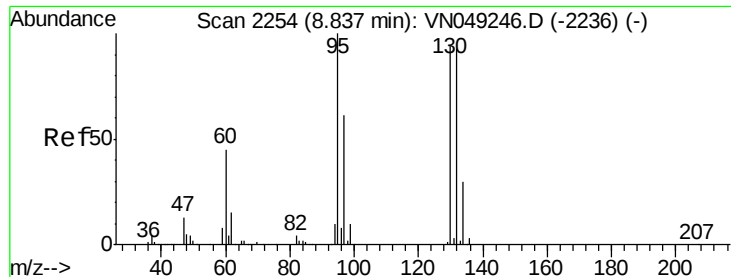
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	27.6	82.7
67	71.8	35.1	105.5
52	26.8	14.1	42.4



#36
1,2-Dichloroethane
Concen: 20.21 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.8	11.6





#37

Trichloroethene

Concen: 19.96 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049765.D

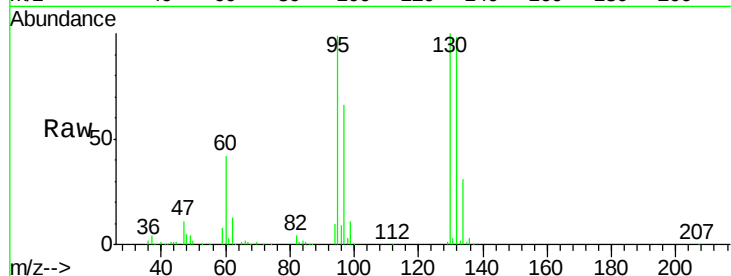
Acq: 11 Jul 2018 19:03

Tot Ion:130 Resp: 349908

Ion Ratio Lower Upper

130 100

95 99.3 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.84

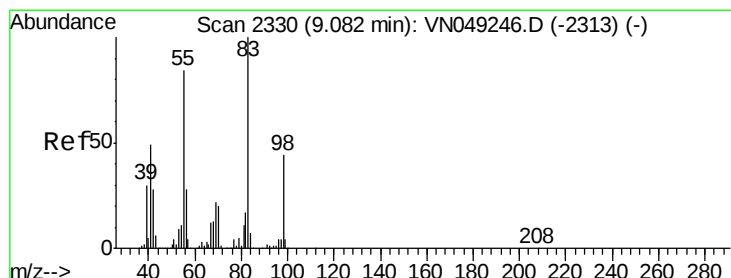
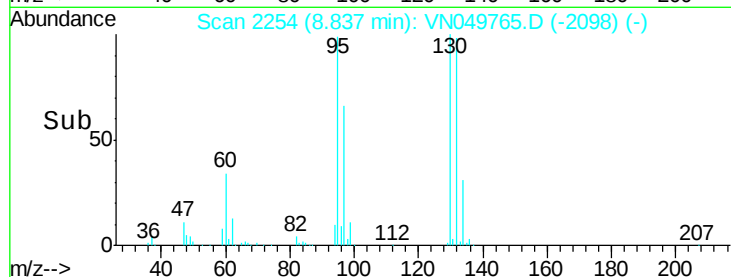
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 19.08 ug/l

RT: 9.09 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

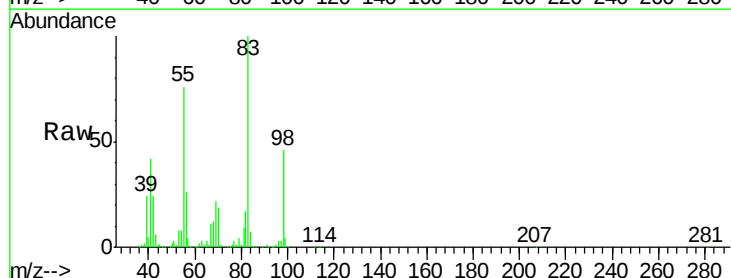
Tgt Ion: 83 Resp: 461346

Ion Ratio Lower Upper

83 100

55 77.0 39.3 117.8

98 46.1 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.09

250000

200000

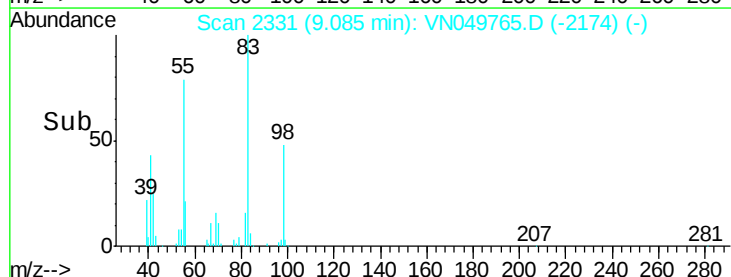
150000

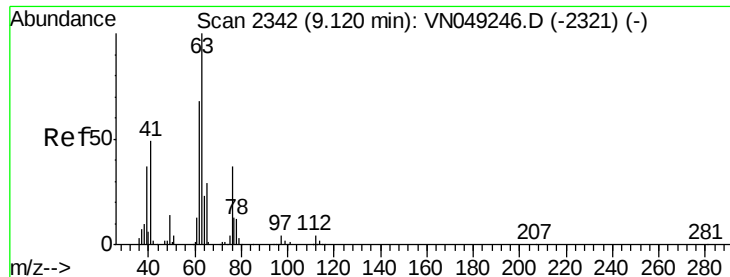
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 20.24 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049765.D

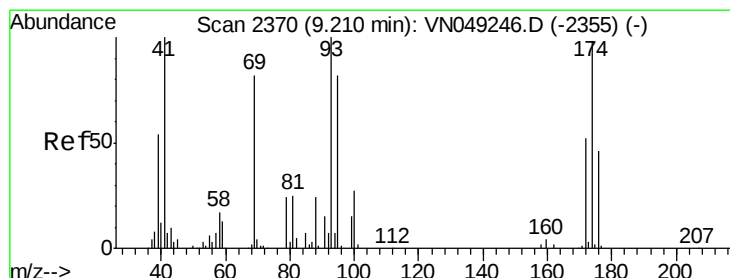
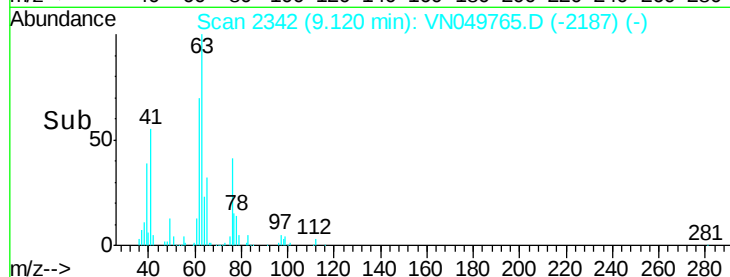
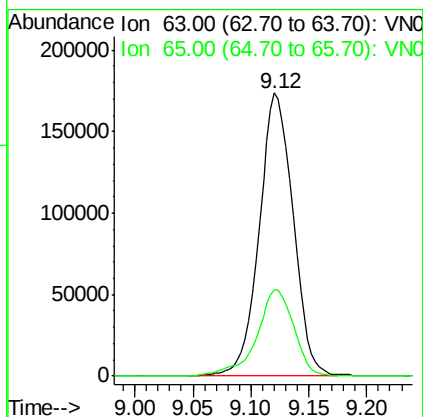
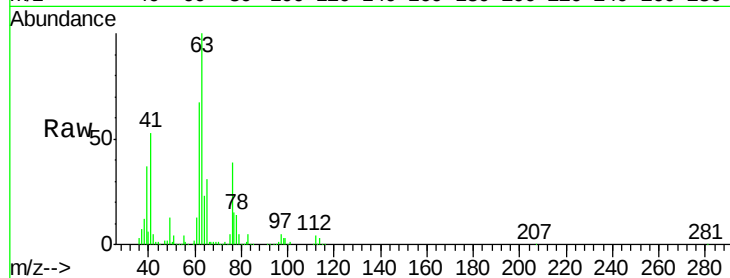
Acq: 11 Jul 2018 19:03

Tot Ion: 63 Resp: 353567

Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.2



#40

Dibromomethane

Concen: 20.16 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

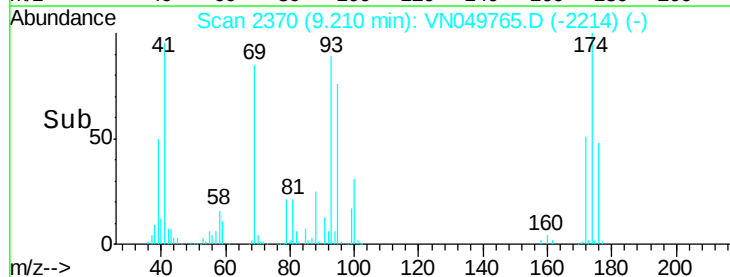
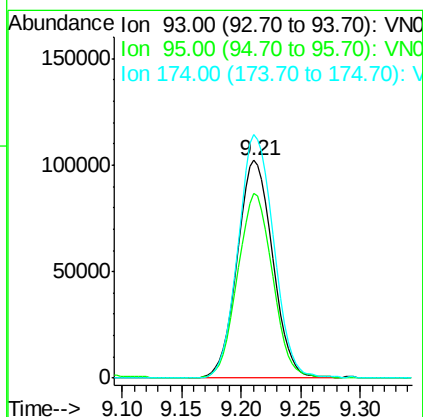
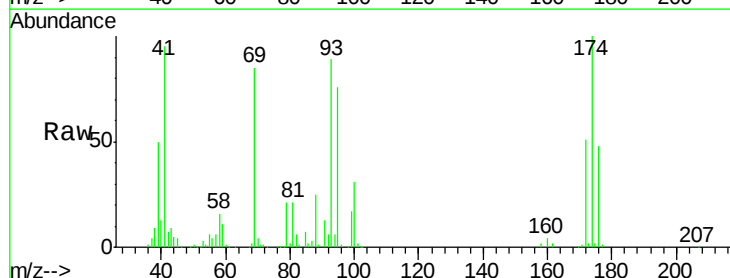
Tgt Ion: 93 Resp: 211727

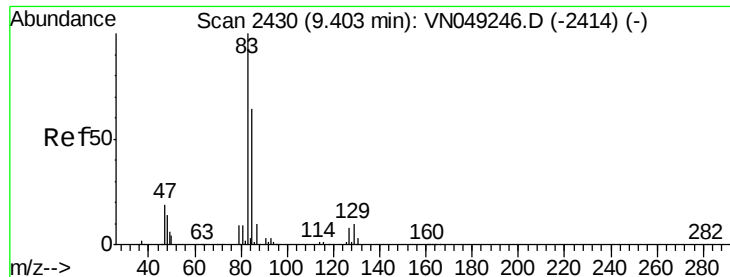
Ion Ratio Lower Upper

93 100

95 83.7 0.0 165.6

174 111.7 0.0 223.2





#41

Bromodichloromethane

Concen: 19.99 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

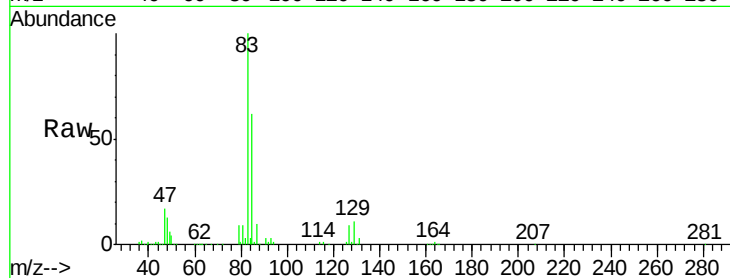
Tot Ion: 83 Resp: 451538

Ion Ratio Lower Upper

83 100

85 62.5 52.6 78.8

127 8.8 7.0 10.4

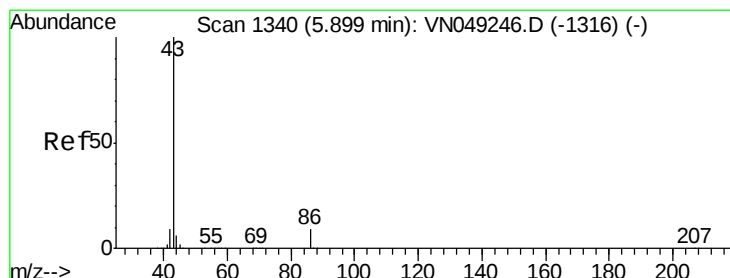
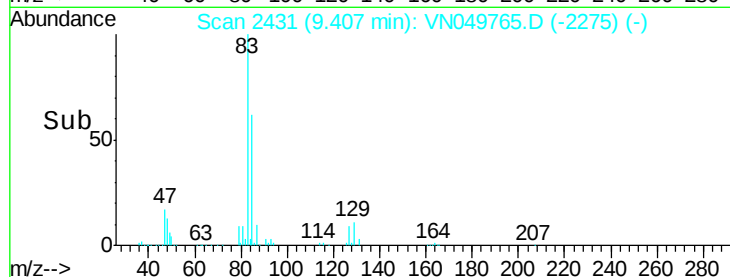
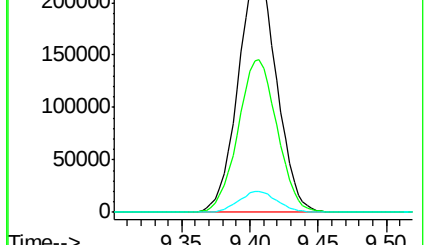


Abundance Ion 83.00 (82.70 to 83.70): VN049246.D (-2414) (-)

Ion 85.00 (84.70 to 85.70): VN049246.D (-2414) (-)

Ion 127.00 (126.70 to 127.70): VN049246.D (-2414) (-)

Time-->



#42

Vinyl Acetate

Concen: 97.19 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049765.D

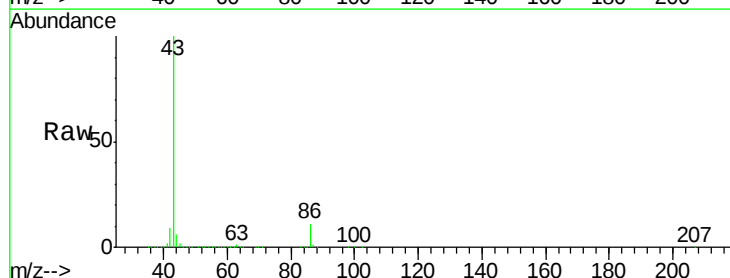
Acq: 11 Jul 2018 19:03

Tgt Ion: 43 Resp: 3223894

Ion Ratio Lower Upper

43 100

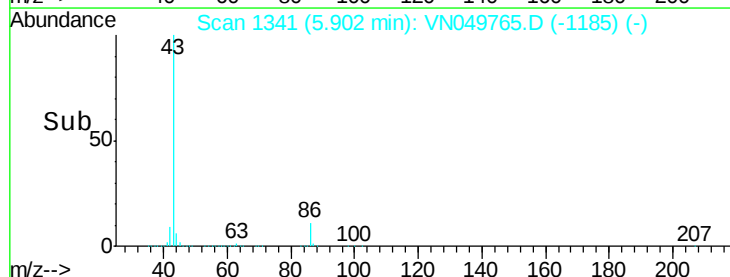
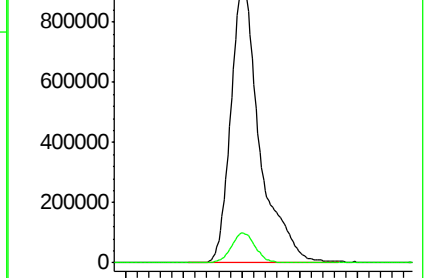
86 9.0 7.3 10.9

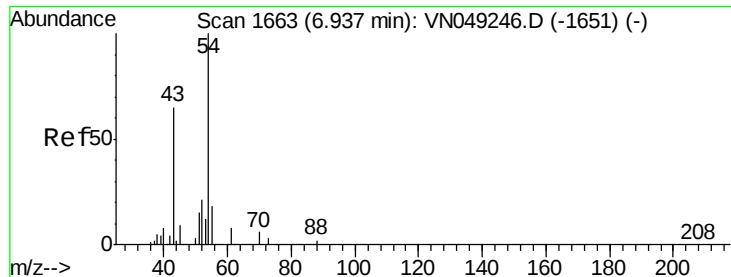


Abundance Ion 43.00 (42.70 to 43.70): VN049246.D (-1316) (-)

Ion 86.00 (85.70 to 86.70): VN049246.D (-1316) (-)

Time-->





#43

Ethyl Acetate

Concen: 19.83 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049765.D

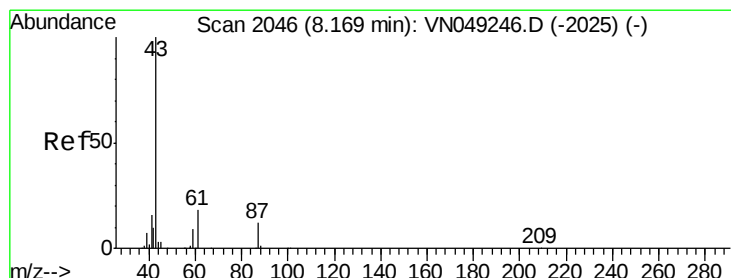
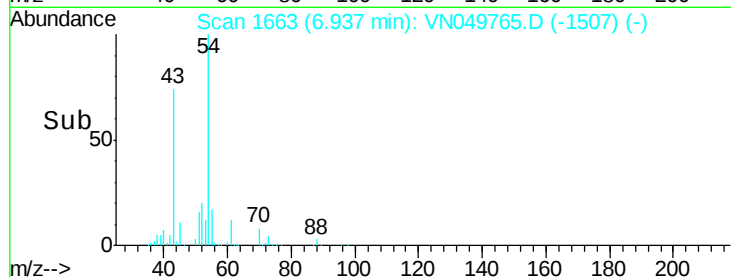
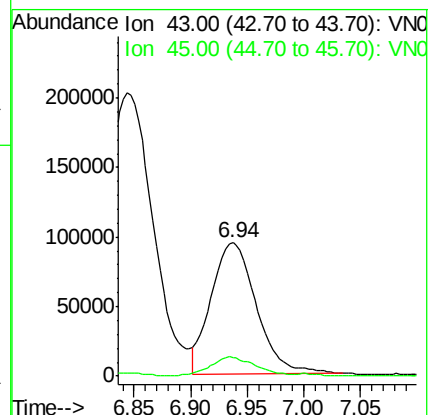
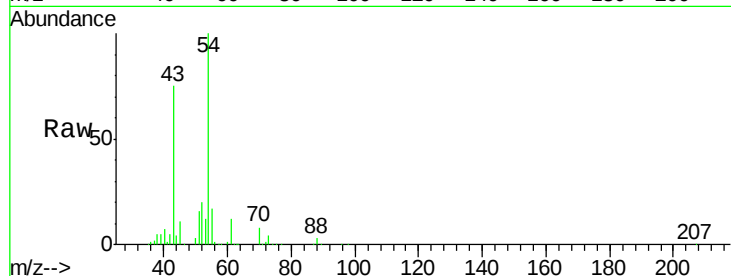
Acq: 11 Jul 2018 19:03

Tot Ion: 43 Resp: 261754

Ion Ratio Lower Upper

43 100

45 14.3 13.0 19.6



#44

Isopropyl Acetate

Concen: 19.79 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049765.D

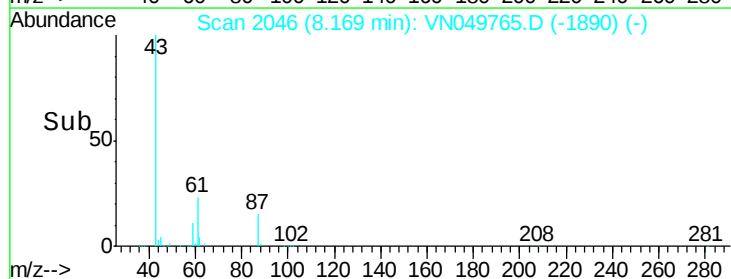
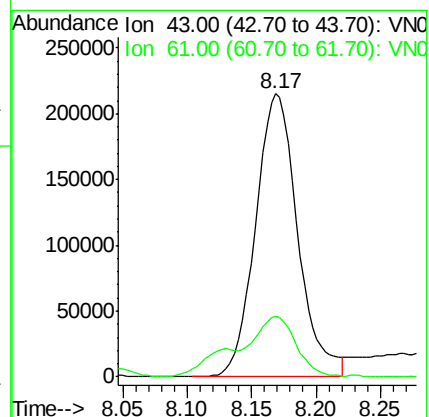
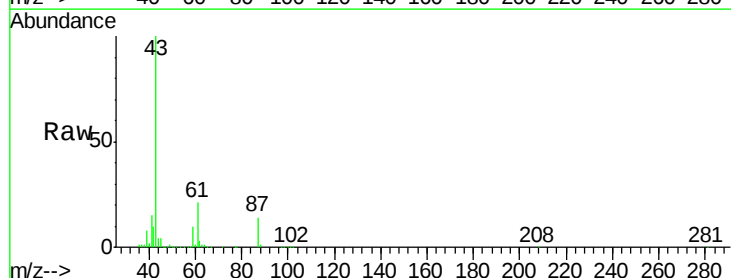
Acq: 11 Jul 2018 19:03

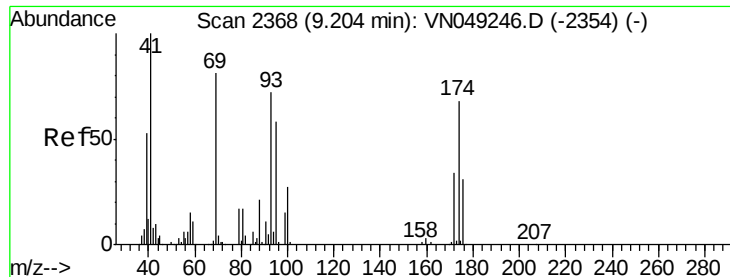
Tgt Ion: 43 Resp: 488424

Ion Ratio Lower Upper

43 100

61 19.8 16.4 24.6





#45

1,4-Dioxane

Concen: 385.46 ug/l

RT: 9.20 min Scan# 2368

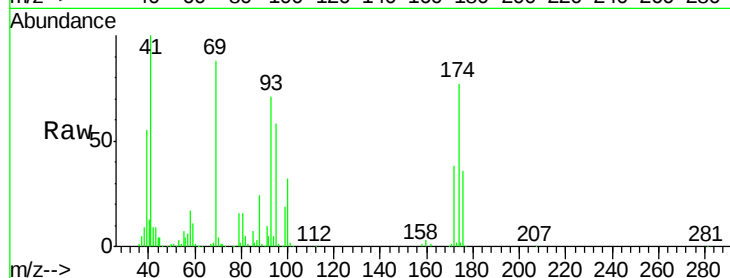
Delta R.T. -0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

Tot Ion: 88 Resp: 62627

Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.9	40.3
58	69.7	53.6	80.4

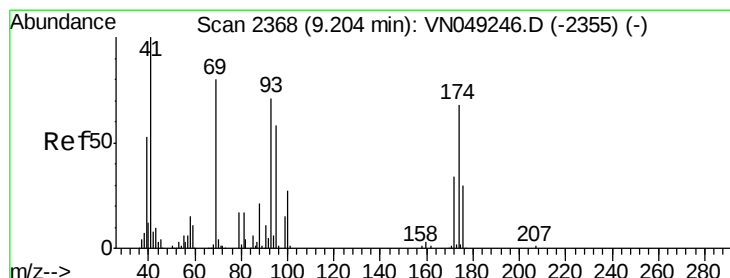
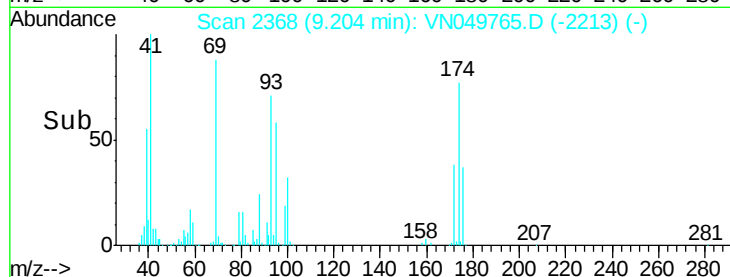
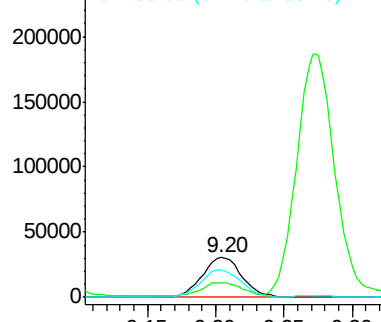


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 18.94 ug/l

RT: 9.20 min Scan# 2368

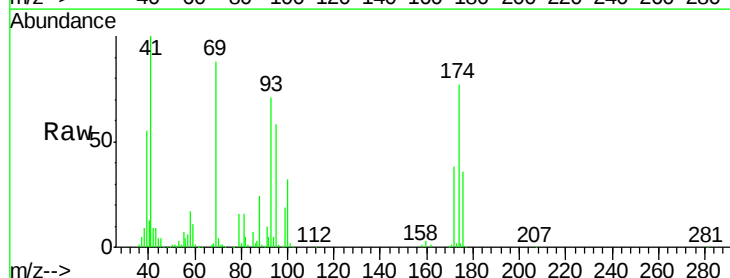
Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

Tgt Ion: 41 Resp: 234348

Ion	Ratio	Lower	Upper
41	100		
69	89.1	44.0	132.1
39	54.3	27.0	80.8

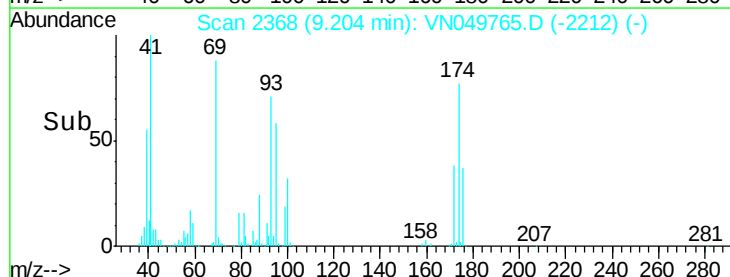
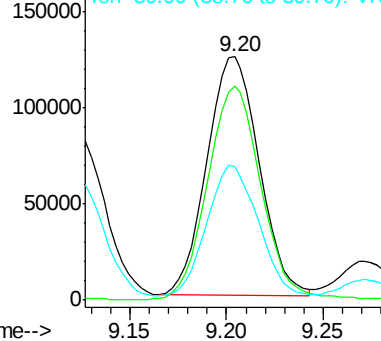


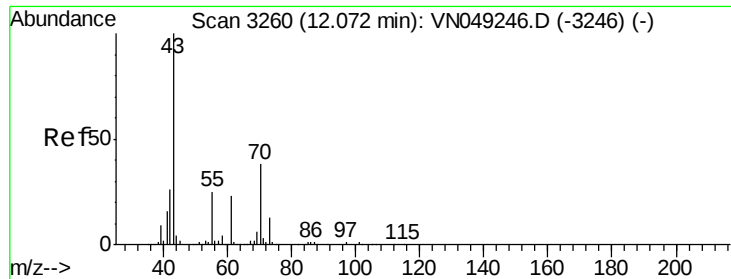
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

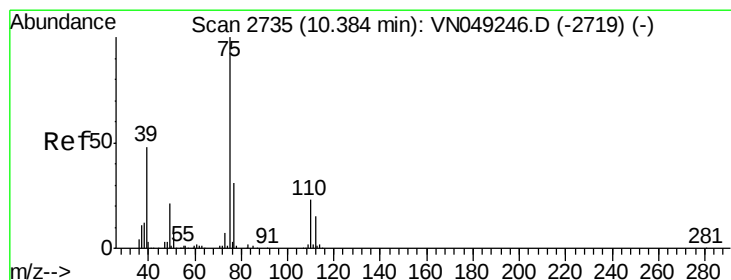
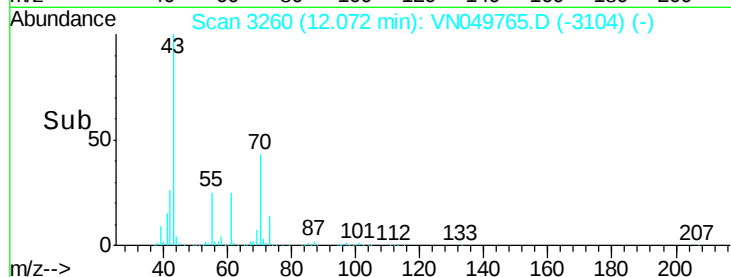
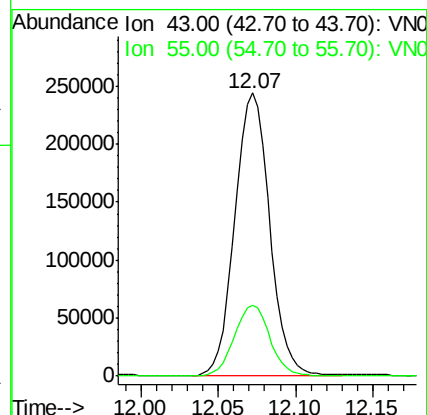
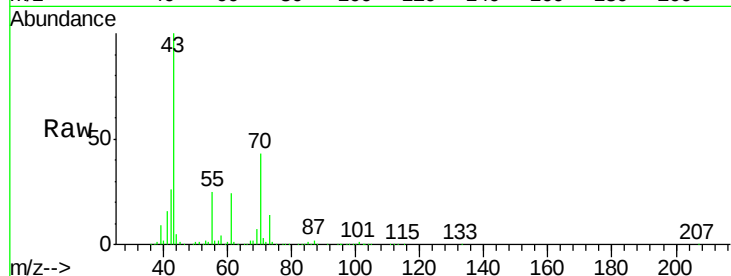
Ion 39.00 (38.70 to 39.70): VN0





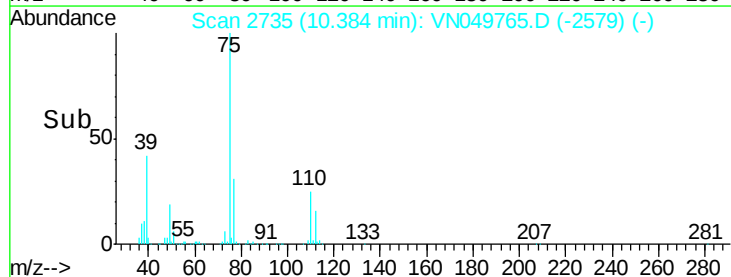
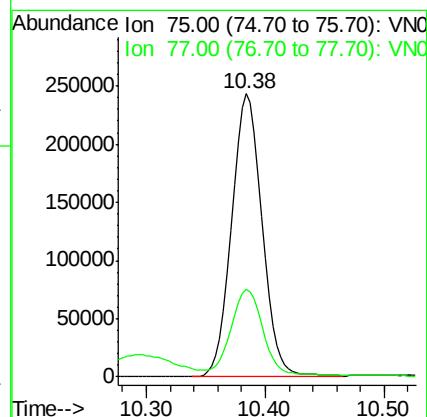
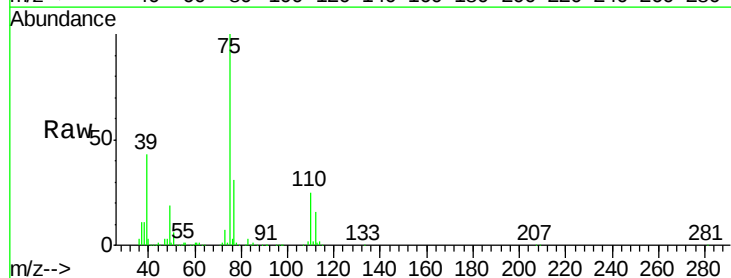
#47
n-amvl Acetate
Concen: 18.20 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

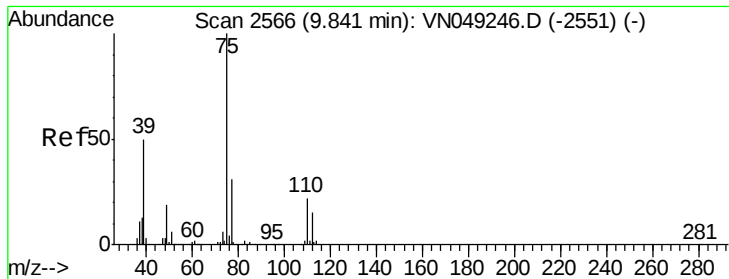
Tot Ion: 43 Resp: 378281
Ion Ratio Lower Upper
43 100
55 25.8 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 18.87 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion: 75 Resp: 429464
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0

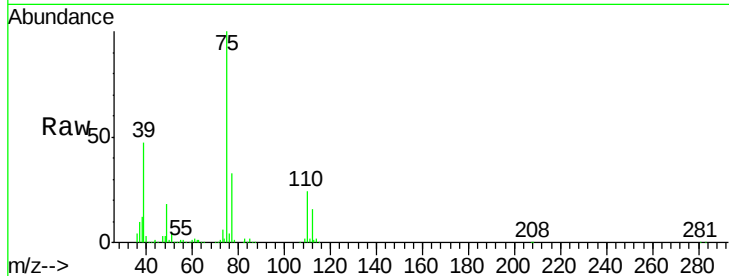




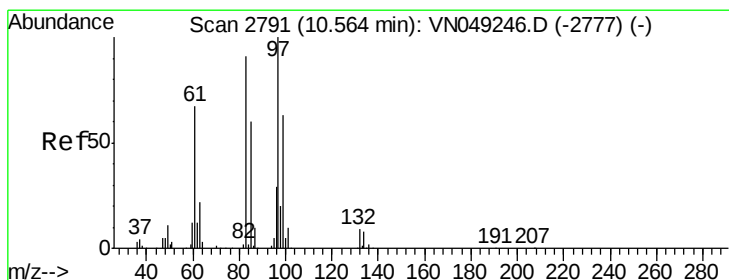
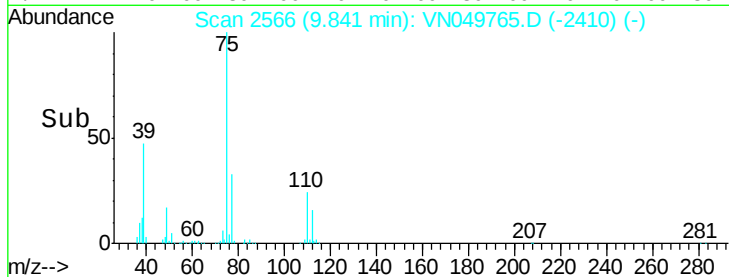
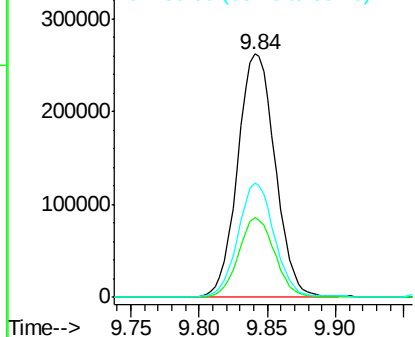
#49

cis-1,3-Dichloropropene
Concen: 19.11 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tot Ion:	75	Resp:	500862
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.7	38.5
39	46.7	36.3	54.5



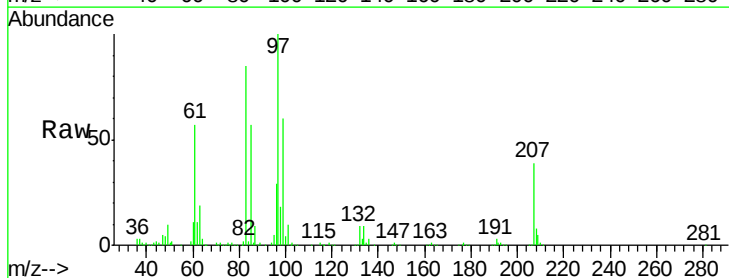
Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 77.00 (76.70 to 77.70): VN0
Ion 39.00 (38.70 to 39.70): VN0



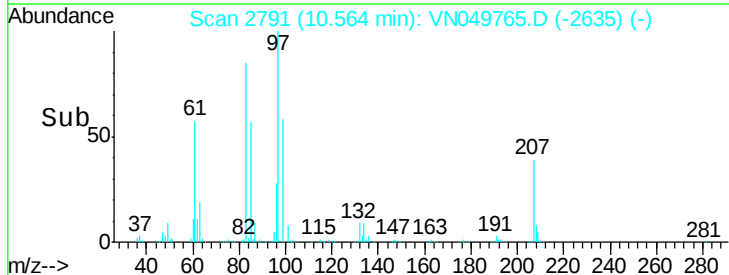
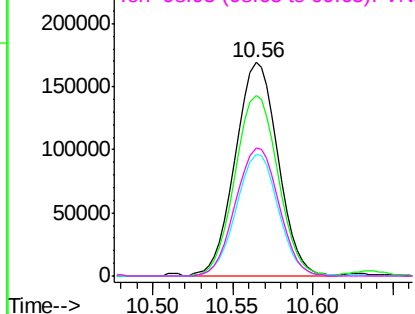
#50

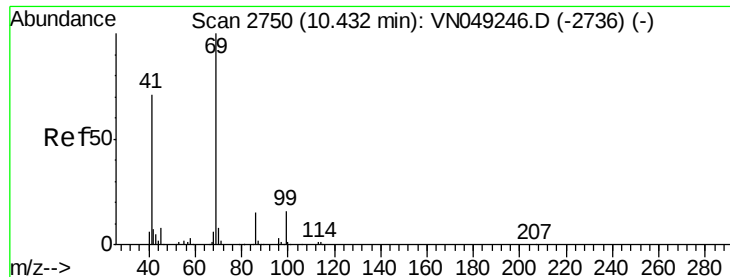
1,1,2-Trichloroethane
Concen: 20.25 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion:	97	Resp:	309276
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.1	102.1
85	56.9	45.4	68.2
99	60.0	49.4	74.0



Abundance Ion 97.00 (96.70 to 97.70): VN0
Ion 82.95 (82.65 to 83.65): VN0
Ion 84.95 (84.65 to 85.65): VN0
Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 18.75 ug/l

RT: 10.43 min Scan# 2750

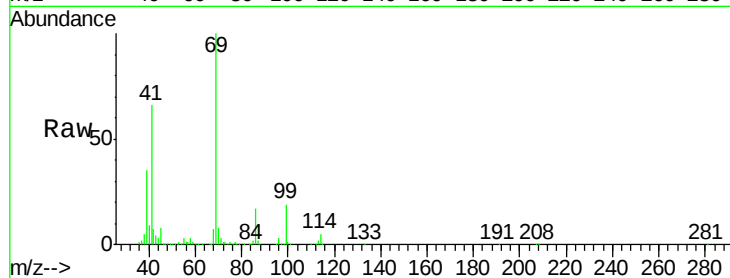
Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

Tot Ion: 69 Resp: 349333

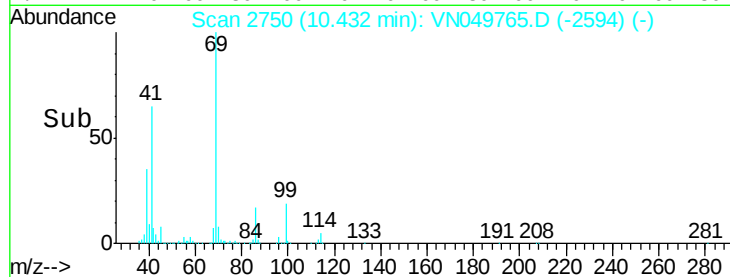
Ion	Ratio	Lower	Upper
69	100		
41	65.2	31.9	95.9
39	34.9	16.7	50.1



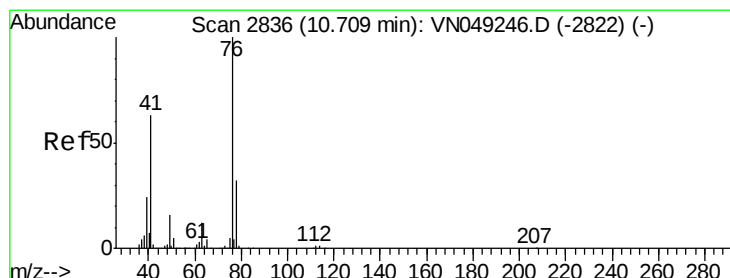
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->



#52

1,3-Dichloropropane

Concen: 19.83 ug/l

RT: 10.71 min Scan# 2836

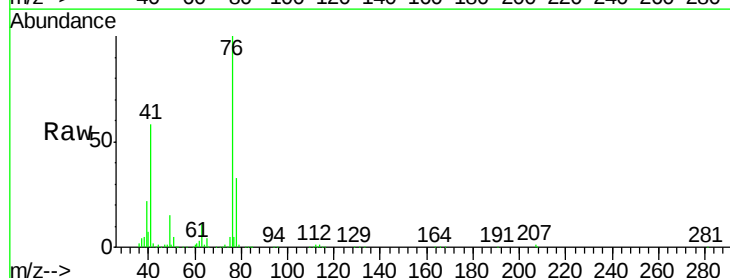
Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

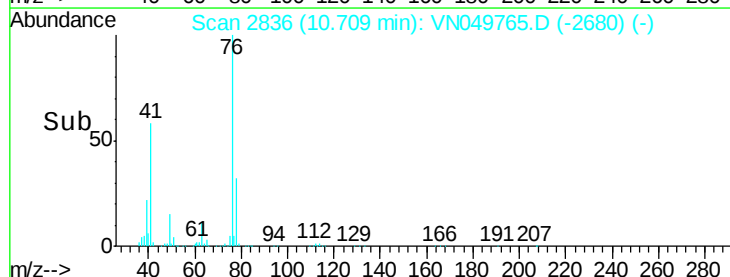
Tgt Ion: 76 Resp: 497529

Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	65.6

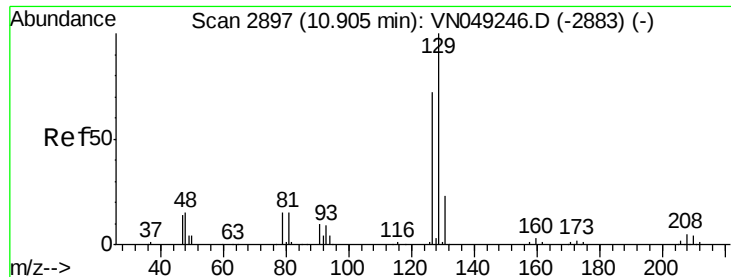


Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0



Time-->



#53

Dibromochloromethane

Concen: 19.28 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049765.D

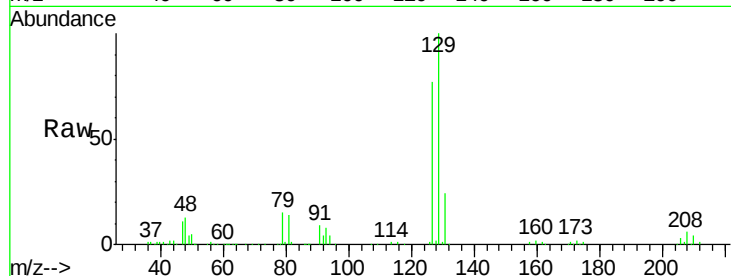
Acq: 11 Jul 2018 19:03

Tot Ion:129 Resp: 333011

Ion Ratio Lower Upper

129 100

127 77.0 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

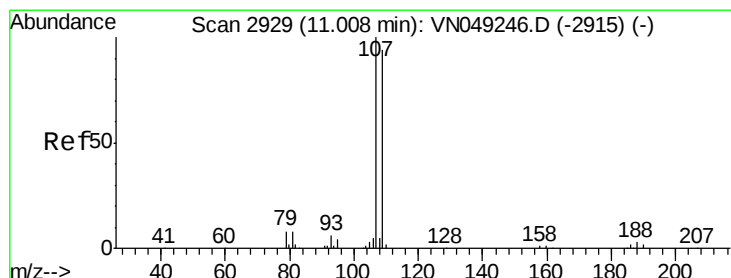
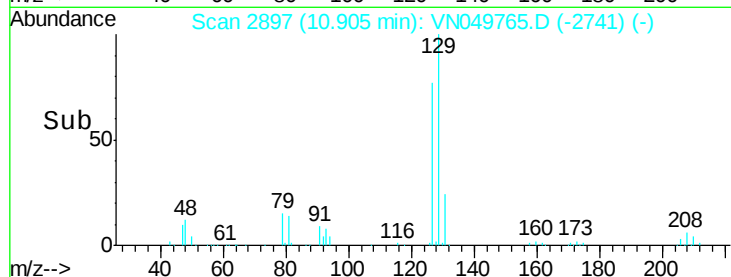
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 19.41 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049765.D

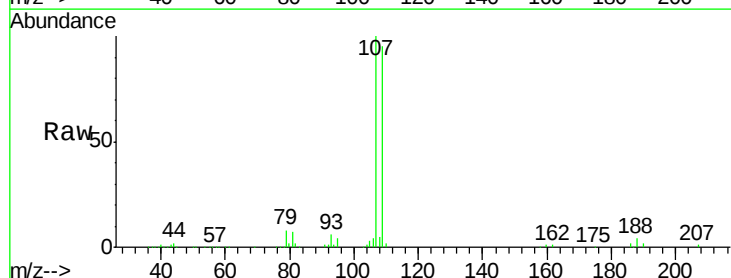
Acq: 11 Jul 2018 19:03

Tgt Ion:107 Resp: 288141

Ion Ratio Lower Upper

107 100

109 95.9 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.01

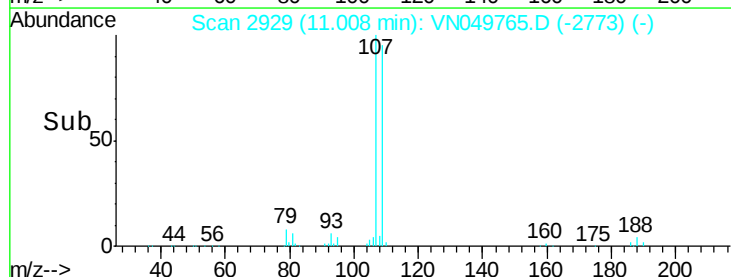
150000

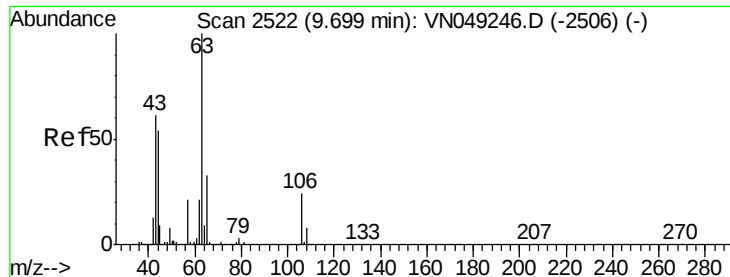
100000

50000

0

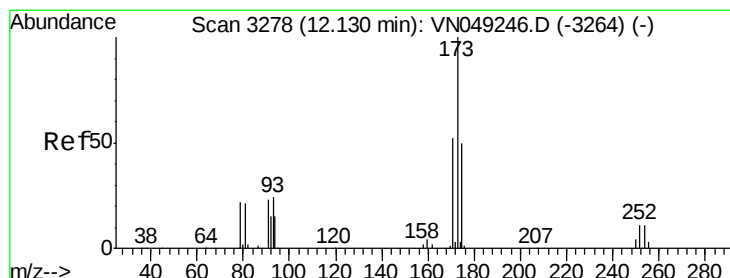
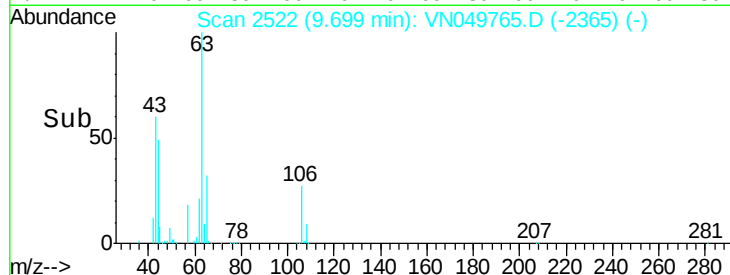
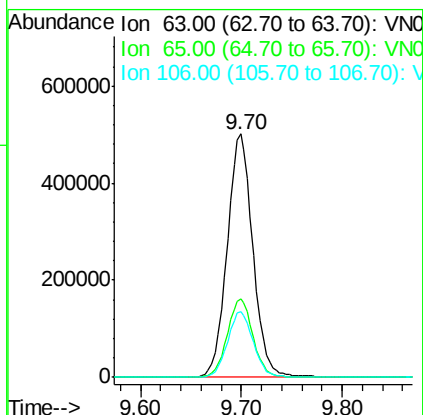
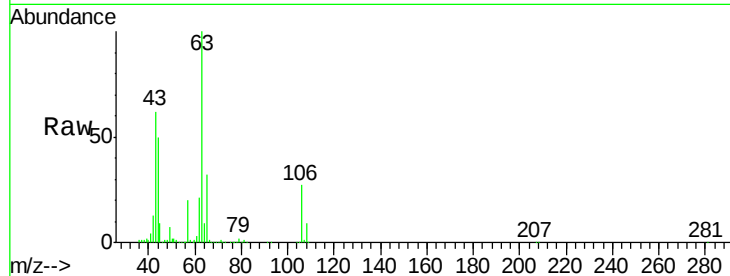
Time-->





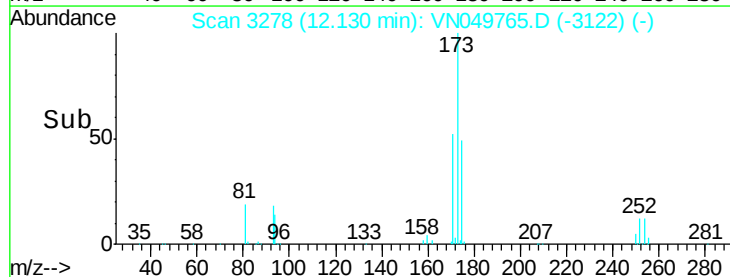
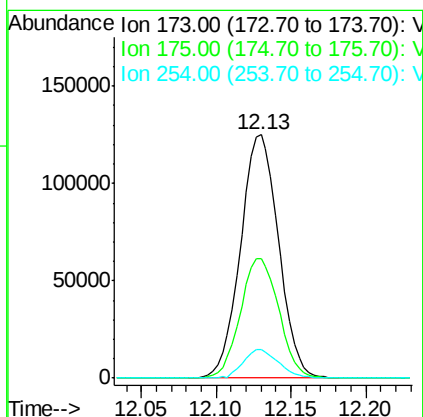
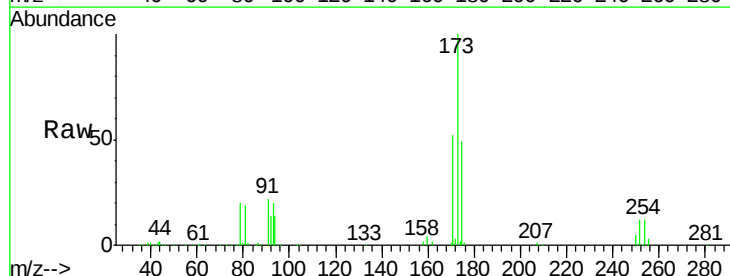
#55
2-Chloroethyl vinyl ether
Concen: 93.92 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

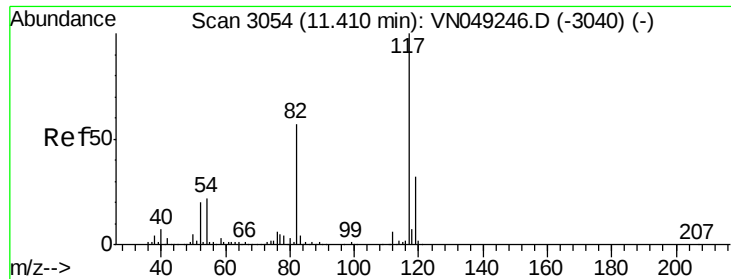
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.5	38.3
106	27.2	21.8	32.6



#56
Bromoform
Concen: 18.77 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	38.6	57.8
254	10.8	8.8	13.2

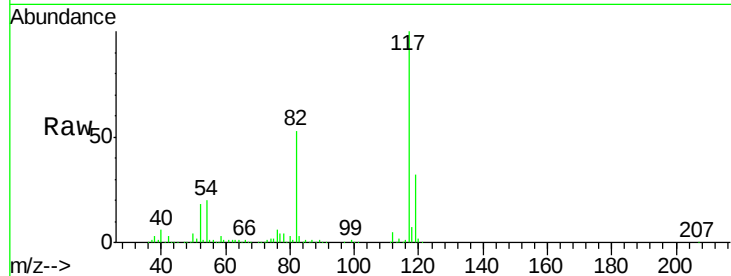




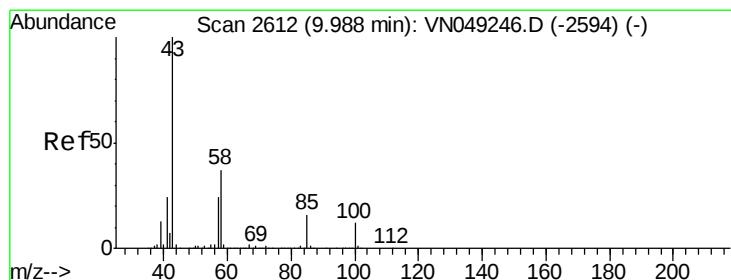
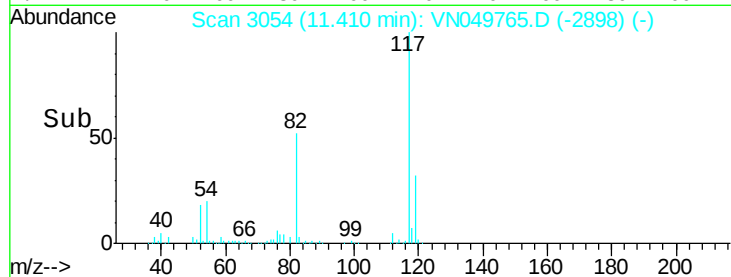
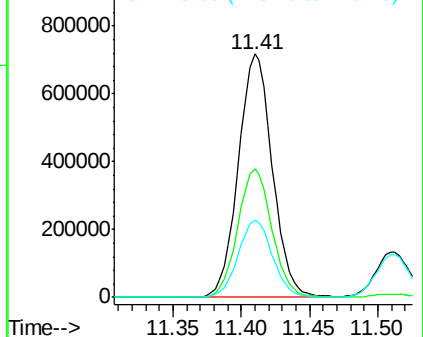
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tot Ion:117 Resp: 1239935

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.4	63.6
119	32.0	25.4	38.0



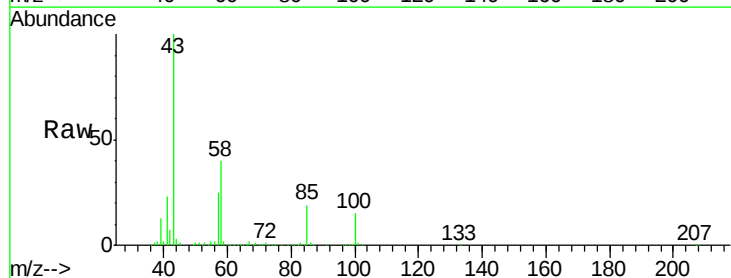
Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 119.00 (118.70 to 119.70): V



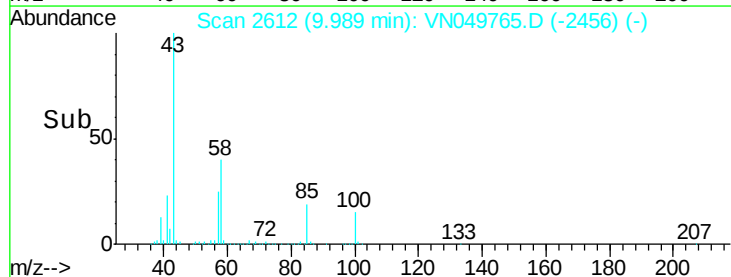
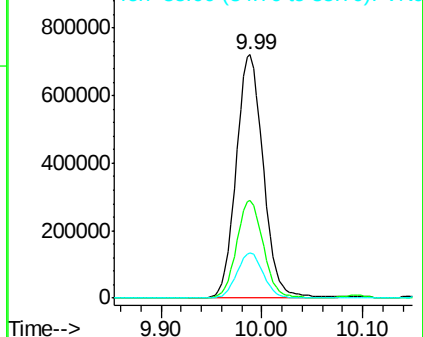
#58
4-Methyl-2-Pentanone
Concen: 99.68 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

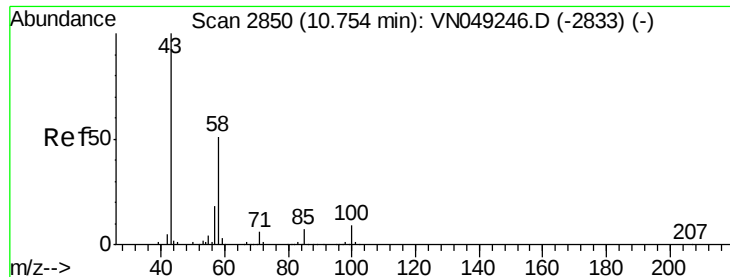
Tgt Ion: 43 Resp: 1343675

Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.2	46.8
85	18.0	14.4	21.6



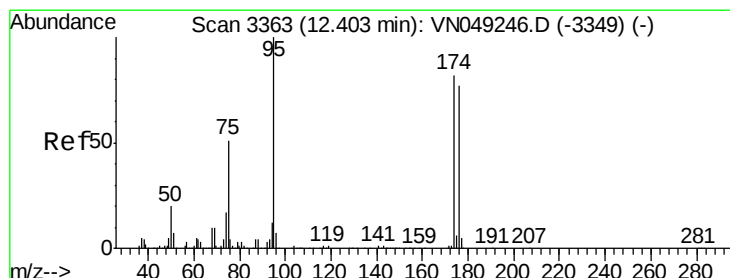
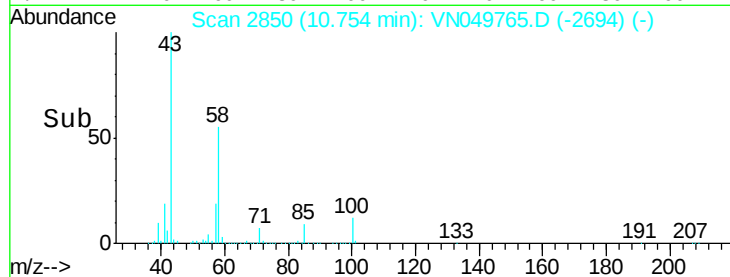
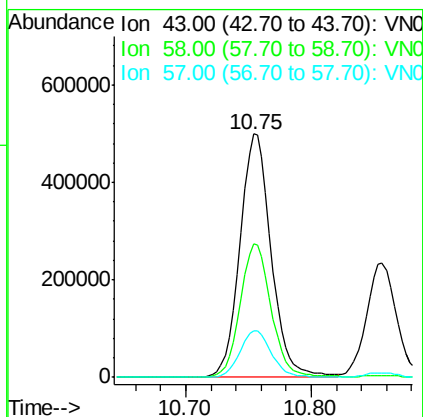
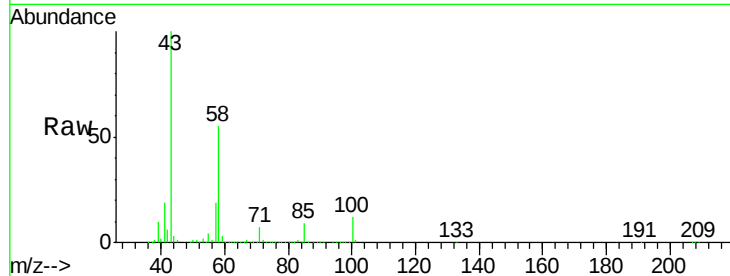
Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 58.00 (57.70 to 58.70): V
 Ion 85.00 (84.70 to 85.70): V





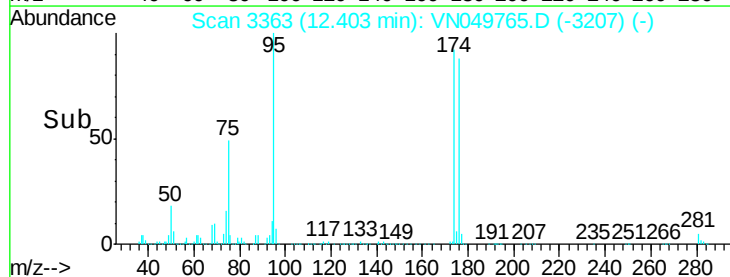
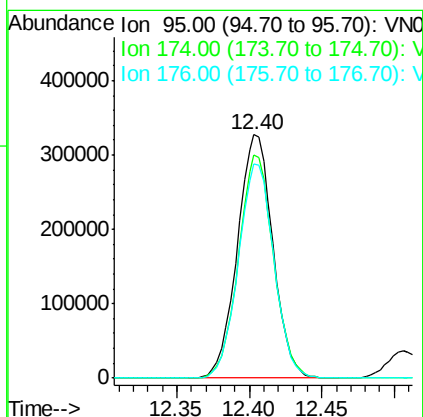
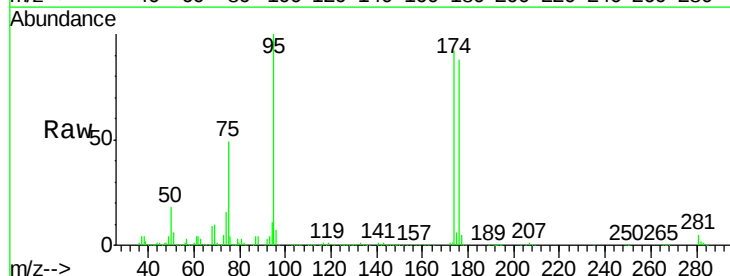
#59
2-Hexanone
Concen: 95.00 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

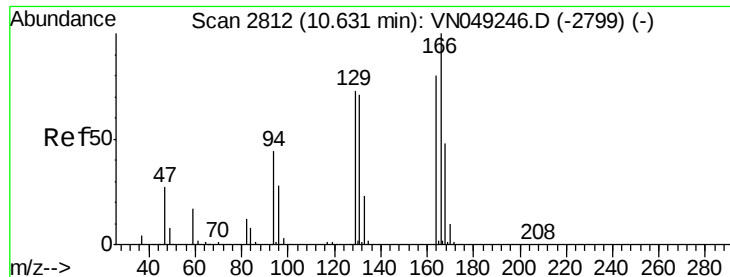
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.8	65.8
57	19.3	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.04 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	72.3	108.5
176	88.1	70.0	105.0





#61

Tetrachloroethene

Concen: 20.41 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

Tot Ion:164 Resp: 317471

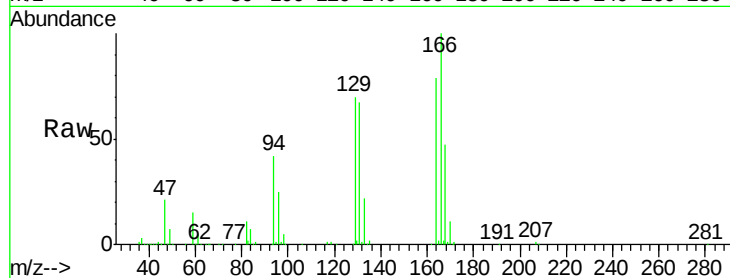
Ion Ratio Lower Upper

164 100

166 126.7 100.0 150.0

129 88.5 69.3 103.9

131 84.4 68.8 103.2

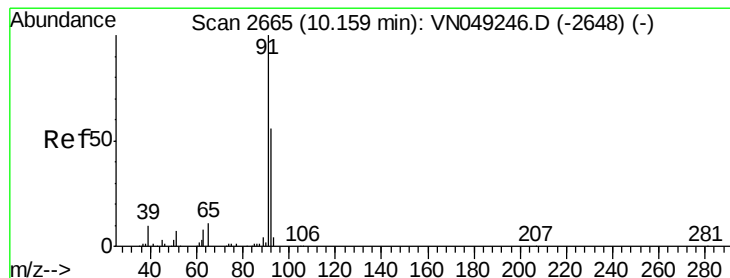
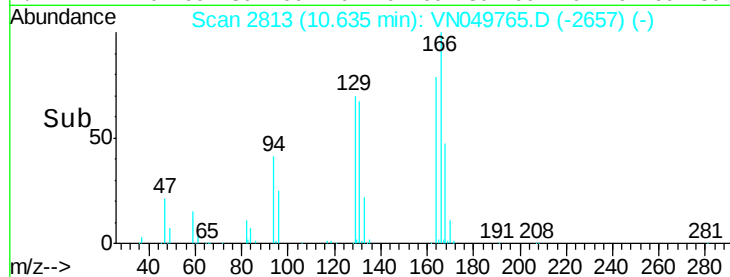
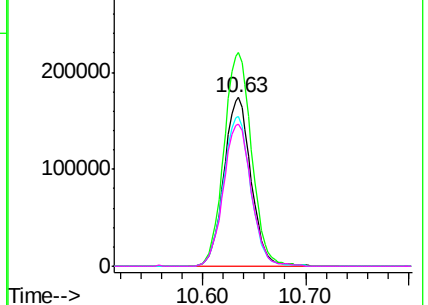


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.15 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049765.D

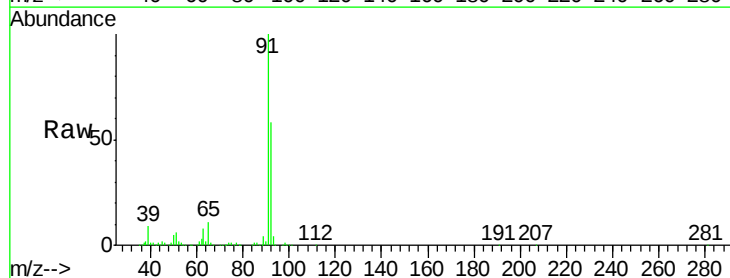
Acq: 11 Jul 2018 19:03

Tgt Ion: 91 Resp: 1431784

Ion Ratio Lower Upper

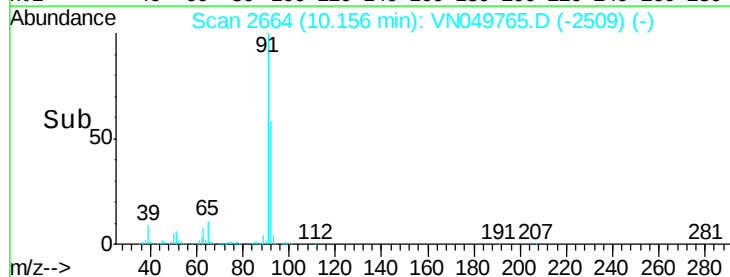
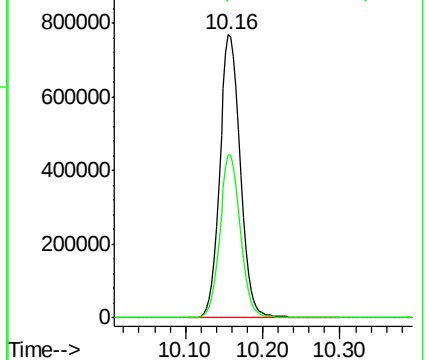
91 100

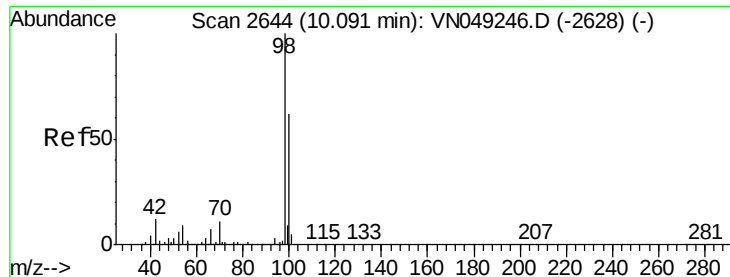
92 57.4 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.59 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049765.D

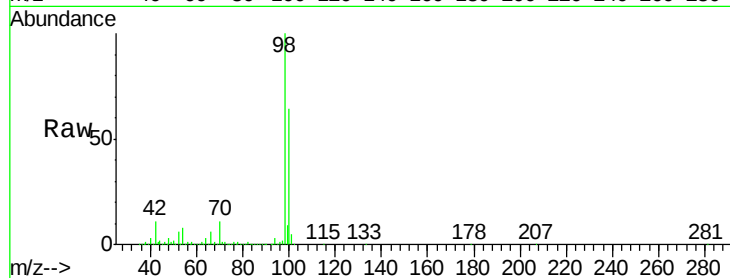
Acq: 11 Jul 2018 19:03

Tot Ion: 98 Resp: 1772572

Ion Ratio Lower Upper

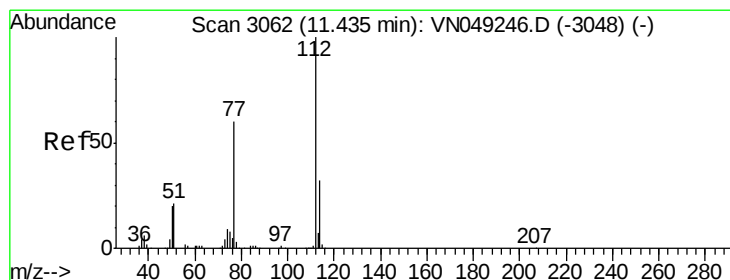
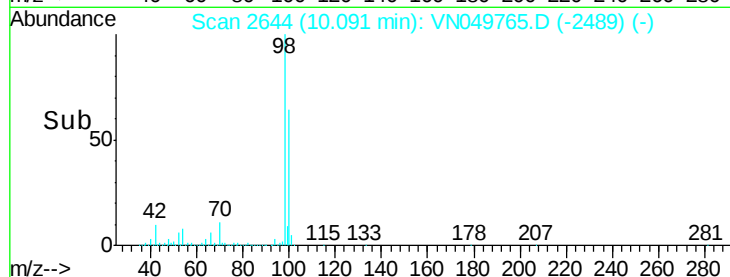
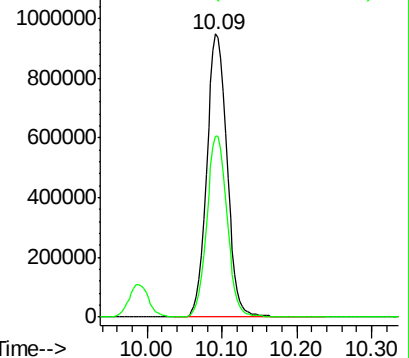
98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 19.85 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049765.D

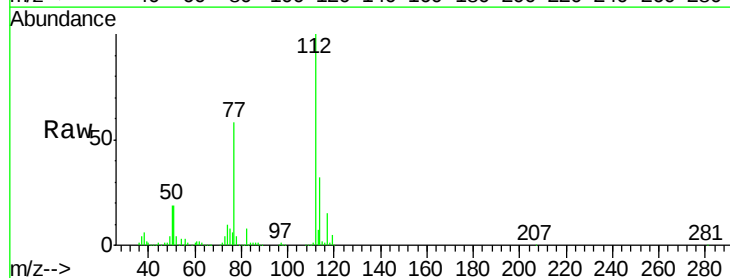
Acq: 11 Jul 2018 19:03

Tgt Ion: 112 Resp: 865438

Ion Ratio Lower Upper

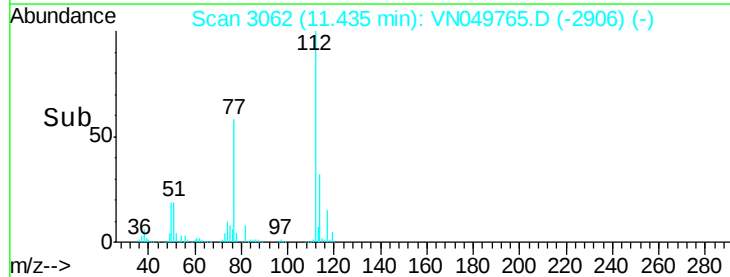
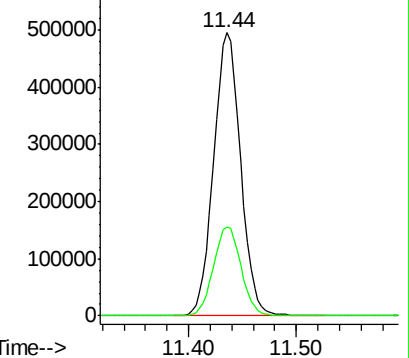
112 100

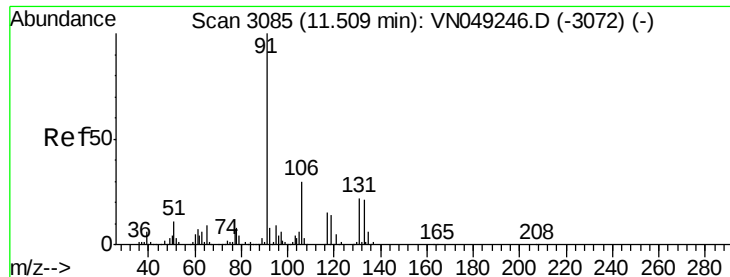
114 31.5 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 19.96 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

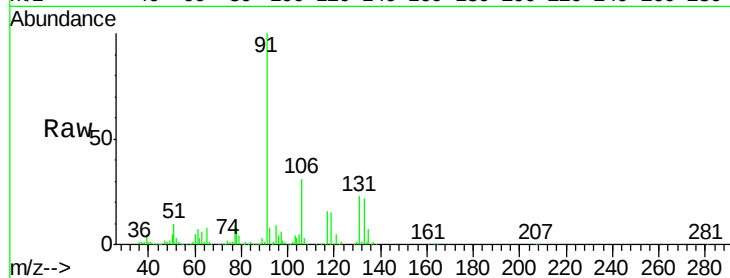
Tot Ion:131 Resp: 330269

Ion Ratio Lower Upper

131 100

133 96.0 0.0 190.0

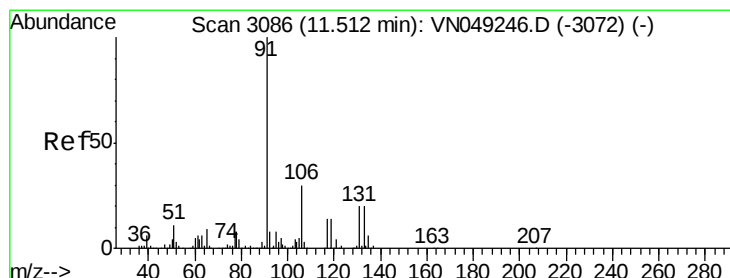
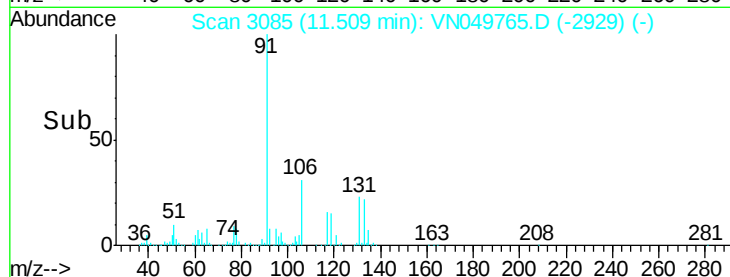
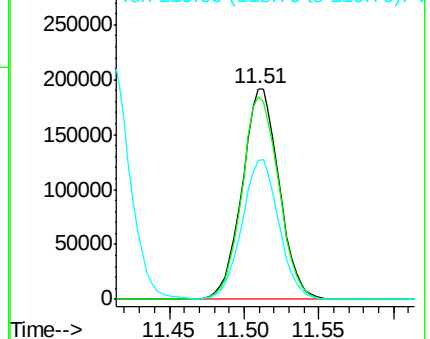
119 66.3 0.0 131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.60 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049765.D

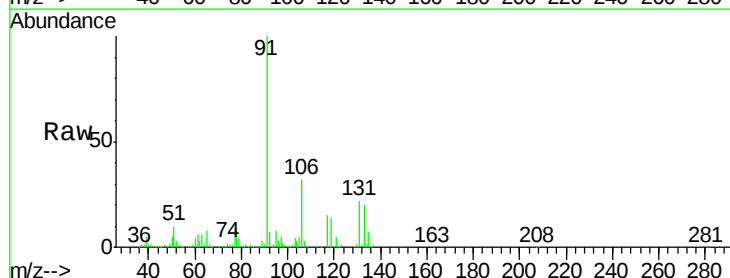
Acq: 11 Jul 2018 19:03

Tgt Ion: 91 Resp: 1461439

Ion Ratio Lower Upper

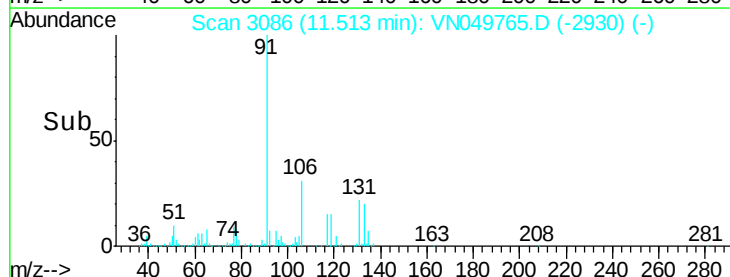
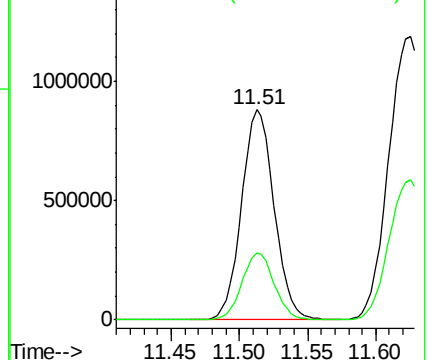
91 100

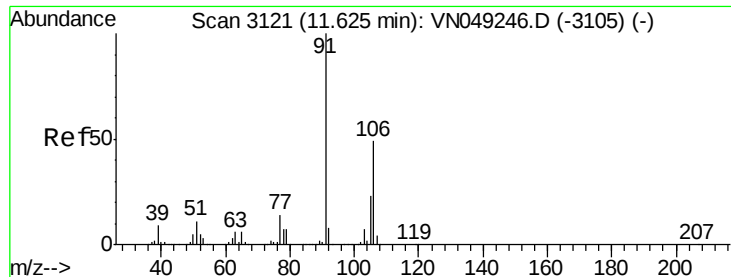
106 31.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 39.70 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049765.D

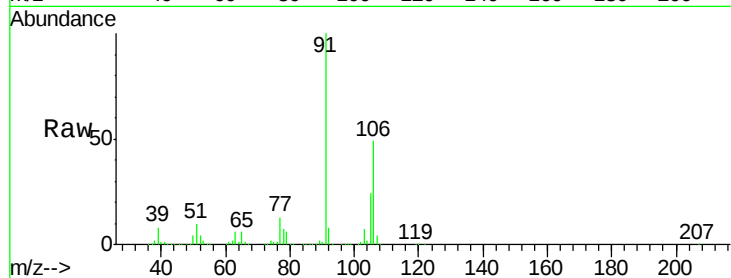
Acq: 11 Jul 2018 19:03

Tot Ion:106 Resp: 1138465

Ion Ratio Lower Upper

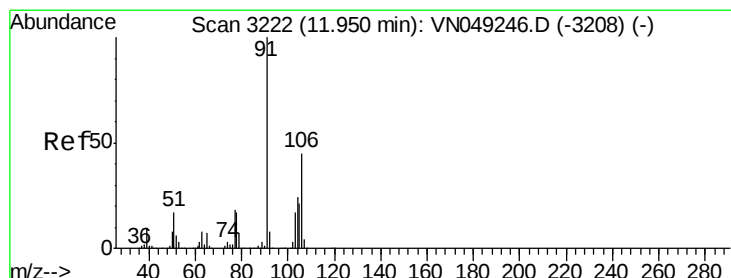
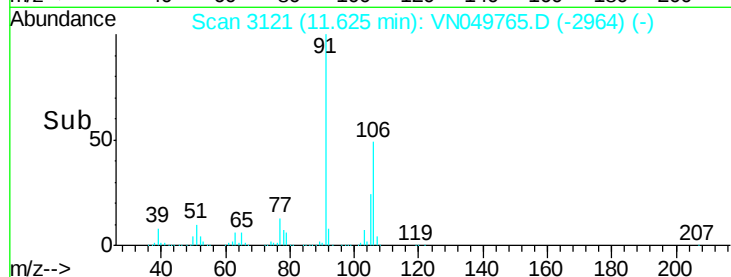
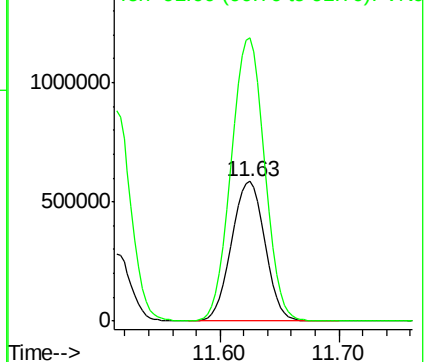
106 100

91 202.8 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.85 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049765.D

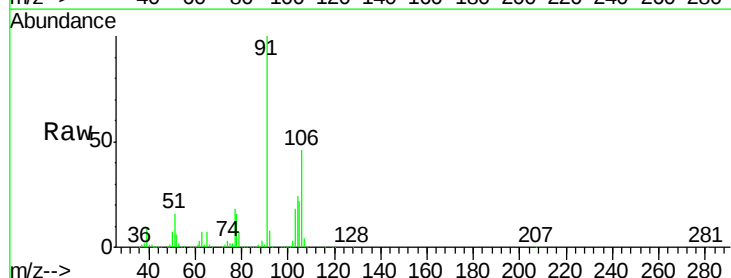
Acq: 11 Jul 2018 19:03

Tgt Ion:106 Resp: 543826

Ion Ratio Lower Upper

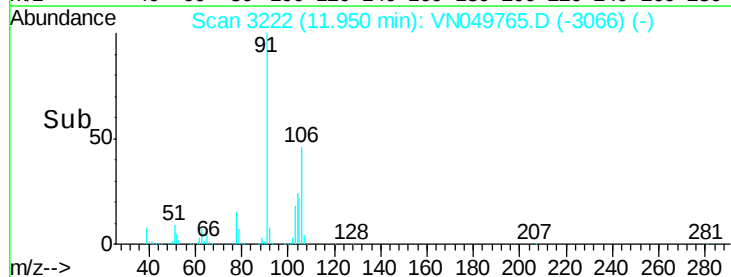
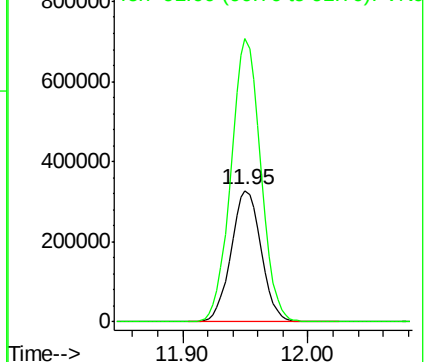
106 100

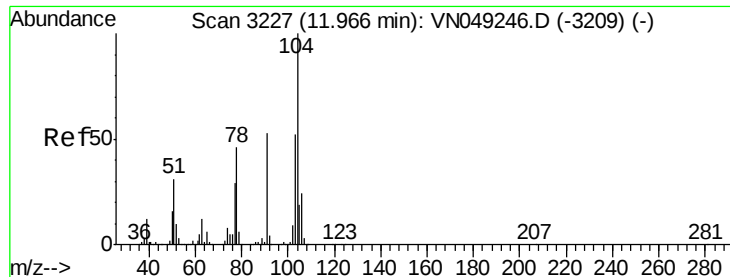
91 213.1 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

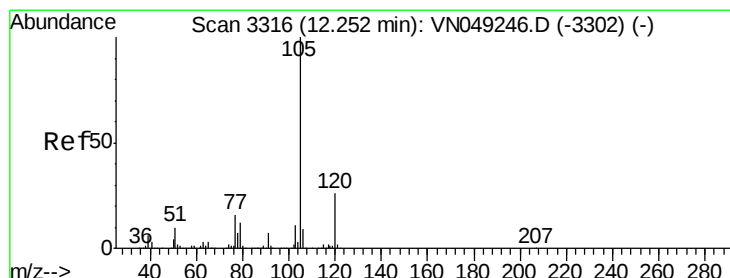
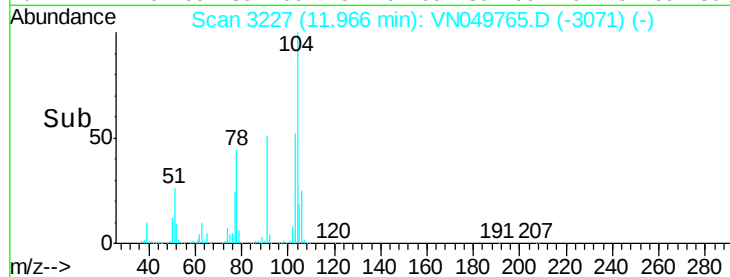
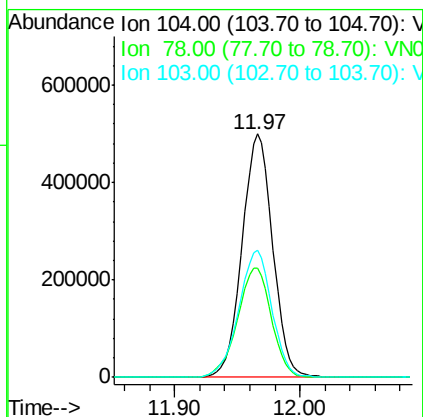
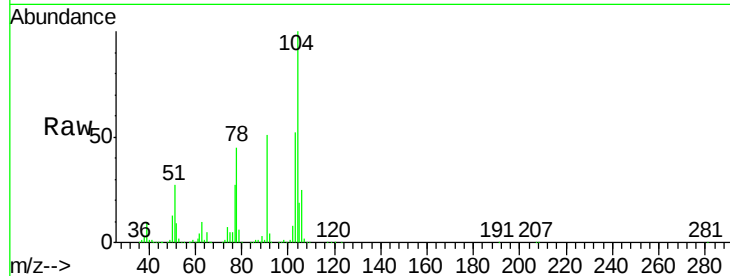
Ion 91.00 (90.70 to 91.70): VN0





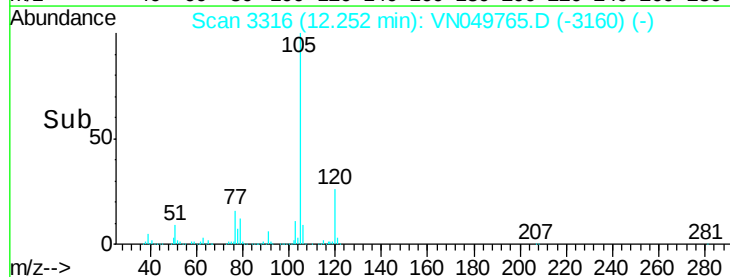
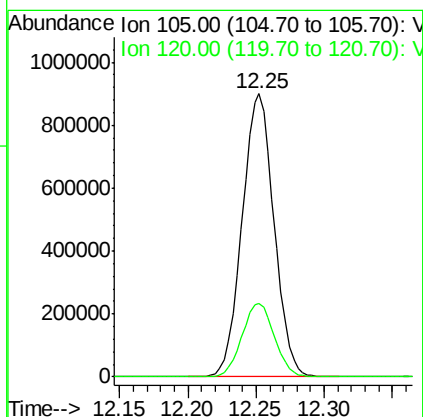
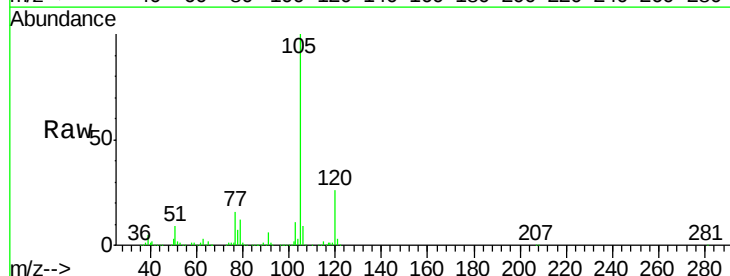
#69
Stvrene
Concen: 19.39 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

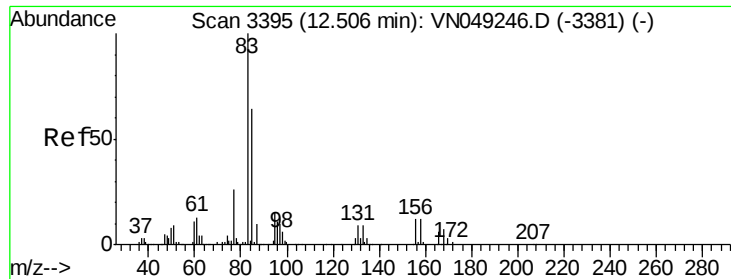
Tot Ion:104 Resp: 848113
Ion Ratio Lower Upper
104 100
78 49.8 39.3 58.9
103 56.7 44.5 66.7



#70
Isopropylbenzene
Concen: 20.06 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

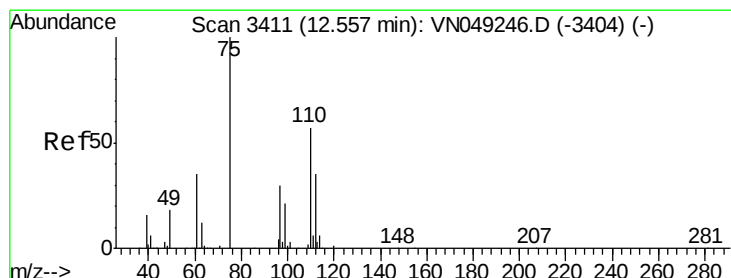
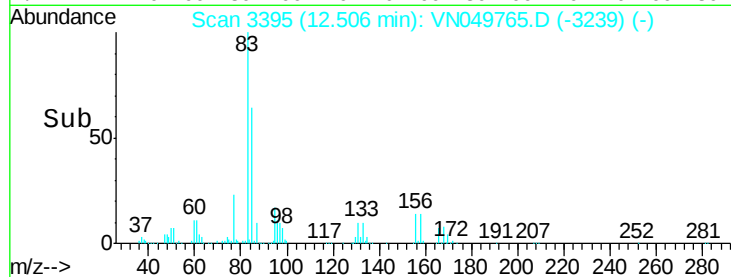
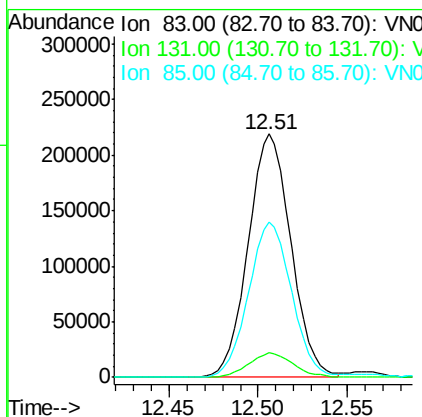
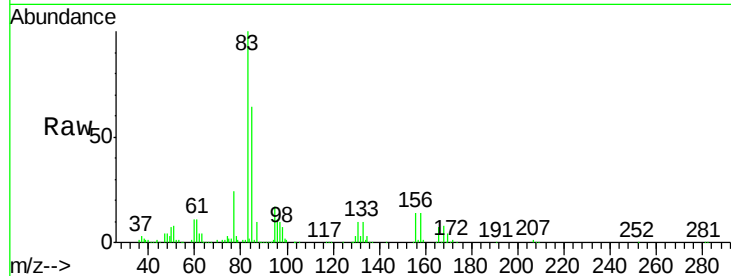
Tgt Ion:105 Resp: 1457447
Ion Ratio Lower Upper
105 100
120 26.4 18.9 35.1





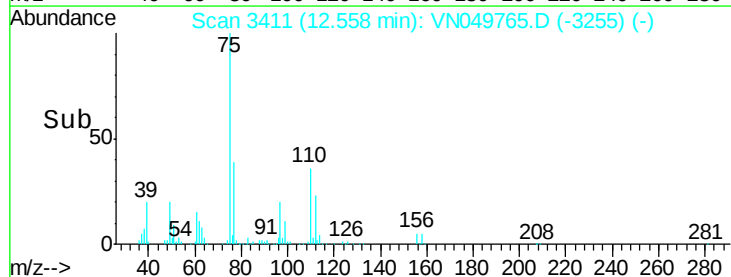
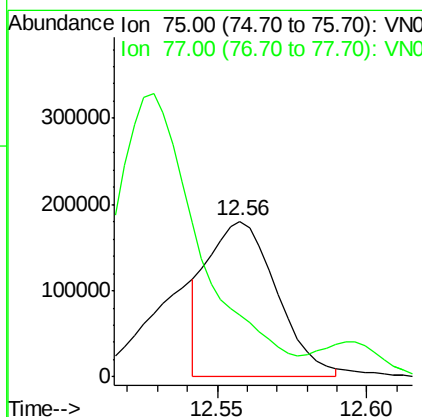
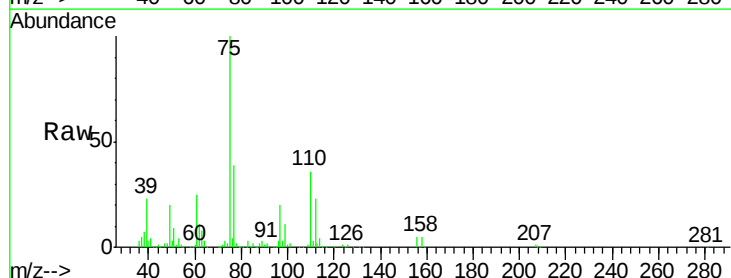
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.71 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

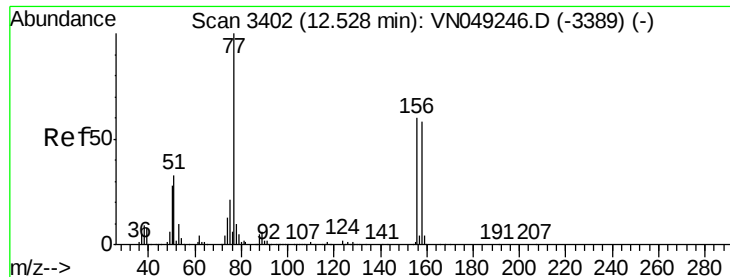
Tot Ion	83	Resp	367649
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	64.1	31.7	95.1



#72
 1,2,3-Trichloropropane
 Concen: 19.45 ug/l m
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

Tgt Ion	75	Resp	290428
Ion Ratio	Lower	Upper	
75	100		
77	226.6	0.0	454.4





#73

Bromobenzene

Concen: 19.45 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049765.D

Acq: 11 Jul 2018 19:03

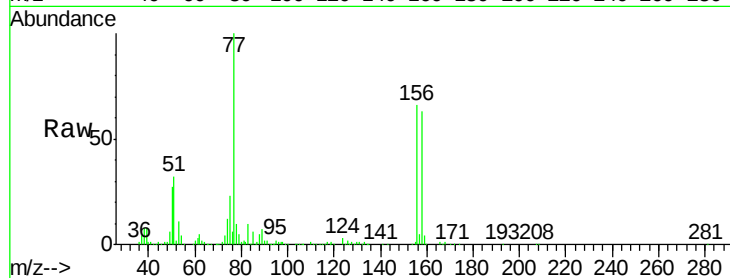
Tot Ion: 156 Resp: 370548

Ion Ratio Lower Upper

156 100

77 177.6 0.0 359.8

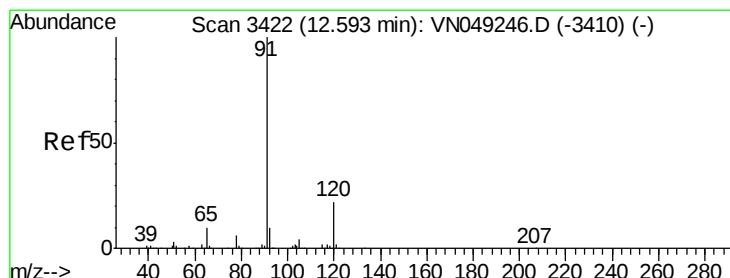
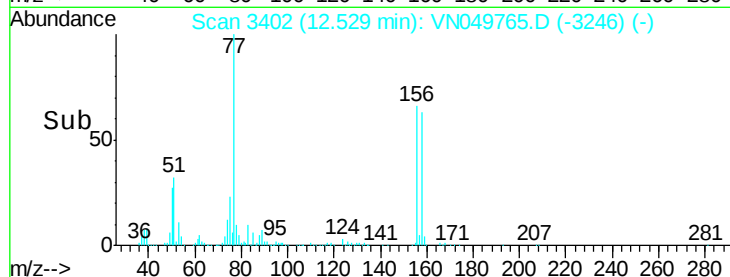
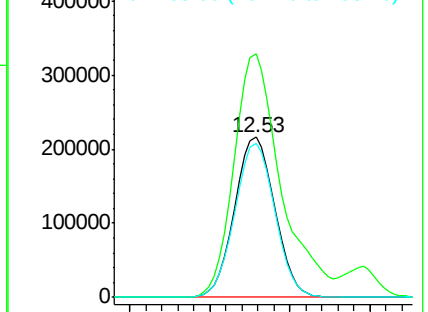
158 95.9 0.0 192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.40 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049765.D

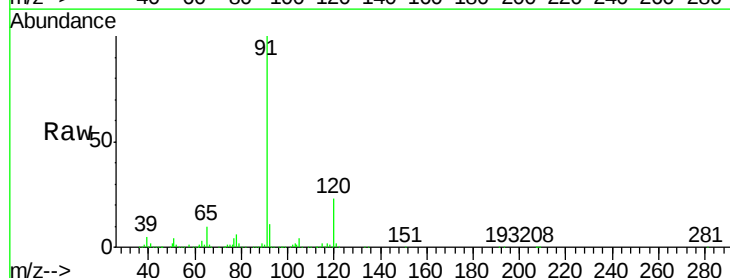
Acq: 11 Jul 2018 19:03

Tgt Ion: 91 Resp: 1632155

Ion Ratio Lower Upper

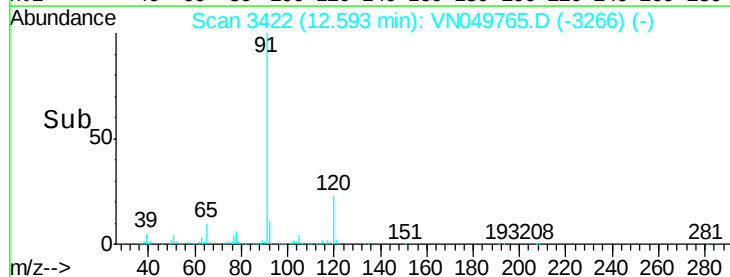
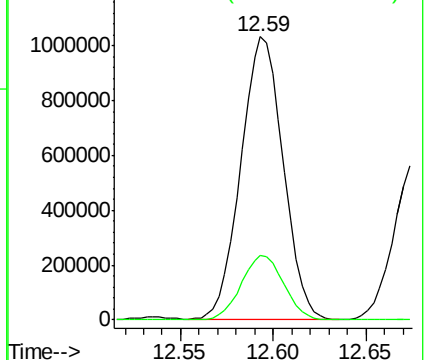
91 100

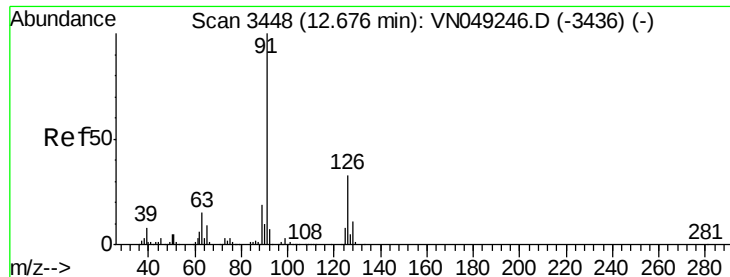
120 23.0 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.61 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049765.D

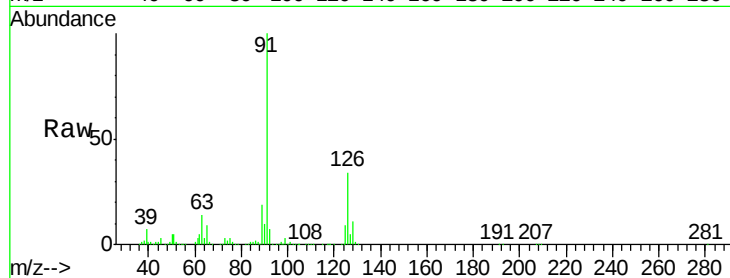
Acq: 11 Jul 2018 19:03

Tot Ion: 91 Resp: 989266

Ion Ratio Lower Upper

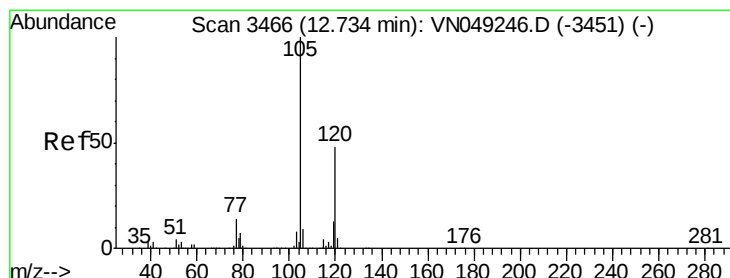
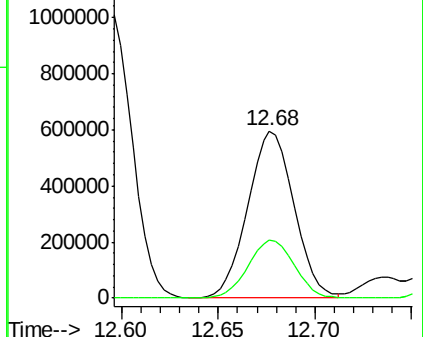
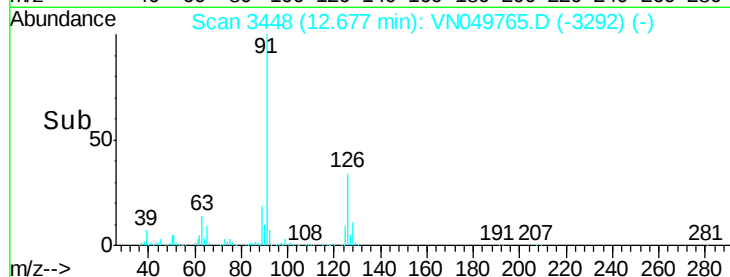
91 100

126 34.7 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN049765.D (-3292) (-)

Ion 126.00 (125.70 to 126.70): VN049765.D (-3292) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.60 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049765.D

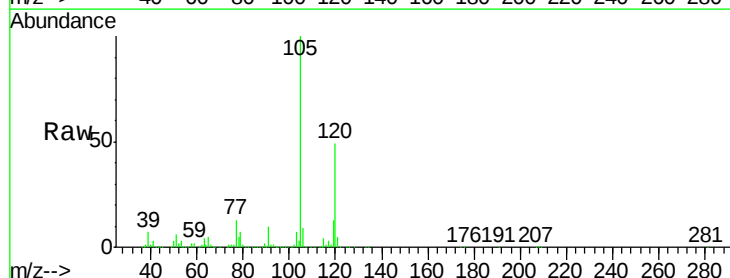
Acq: 11 Jul 2018 19:03

Tgt Ion: 105 Resp: 1157627

Ion Ratio Lower Upper

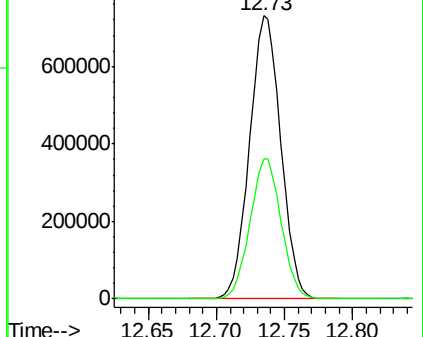
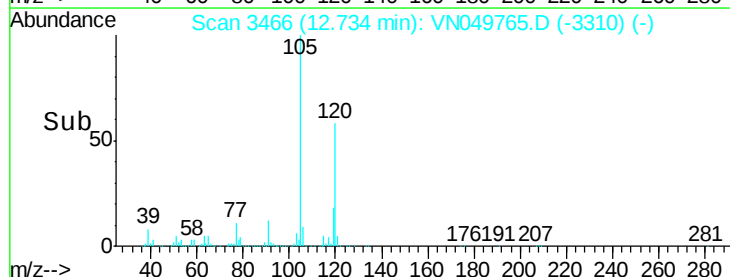
105 100

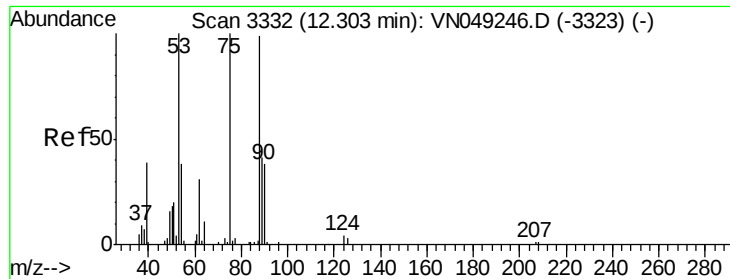
120 49.3 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN049765.D (-3310) (-)

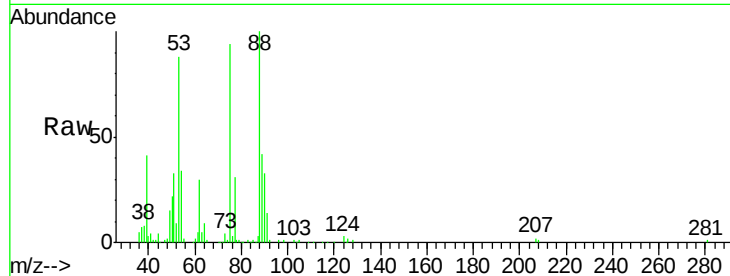
Ion 120.00 (119.70 to 120.70): VN049765.D (-3310) (-)



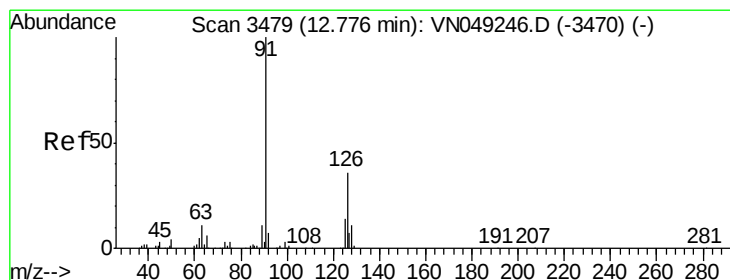
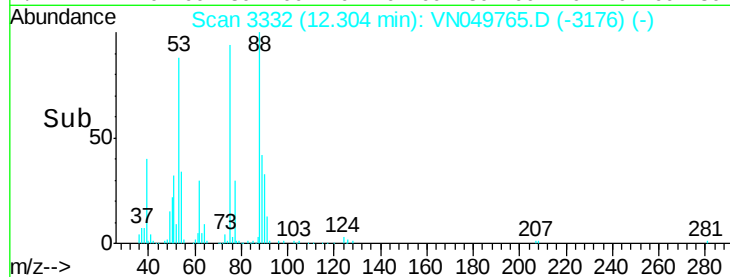
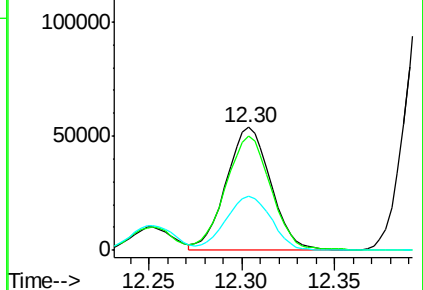


#77
t-1,4-Dichloro-2-butene
Concen: 17.21 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.3	44.6	134.0
89	44.0	20.7	62.1

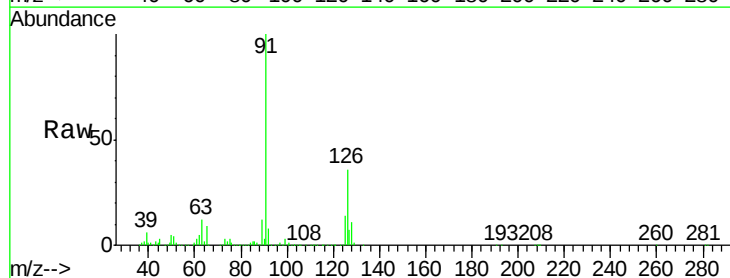


Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0

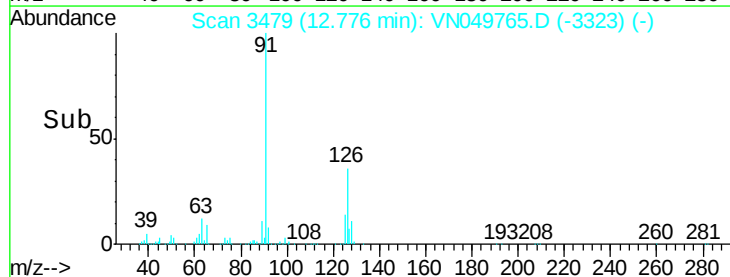
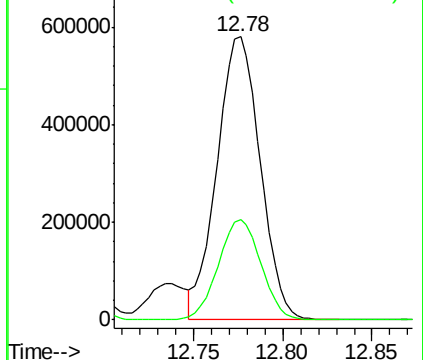


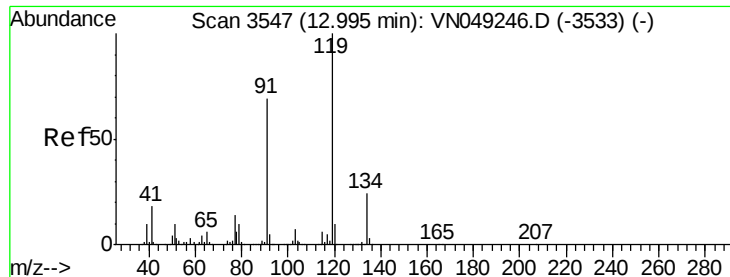
#78
4-Chlorotoluene
Concen: 19.32 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	0.0	68.4



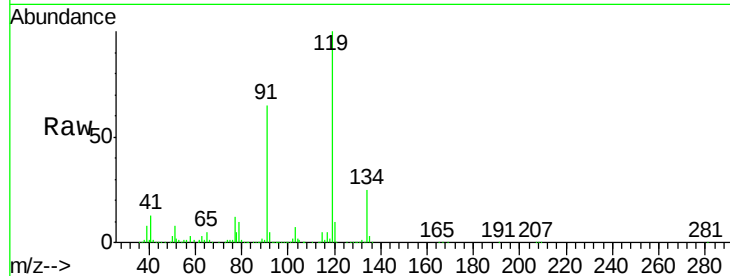
Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V



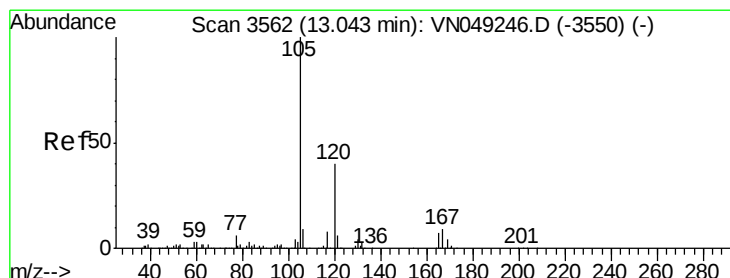
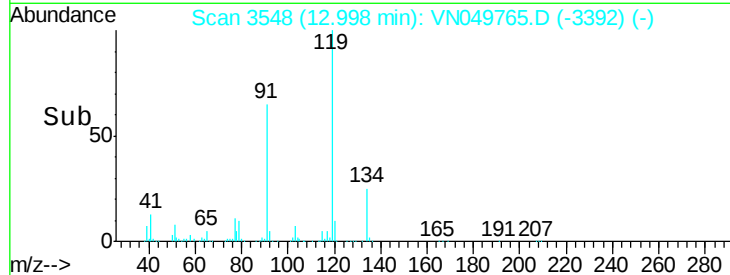
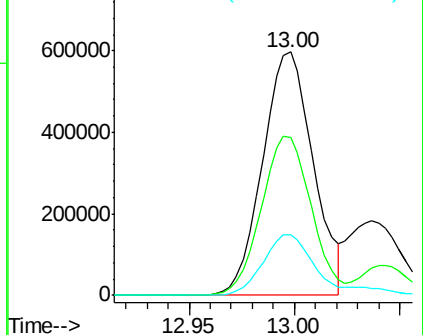


#79
tert-butylbenzene
Concen: 19.46 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tot Ion:119 Resp: 997782
Ion Ratio Lower Upper
119 100
91 64.3 0.0 126.8
134 27.1 0.0 47.4

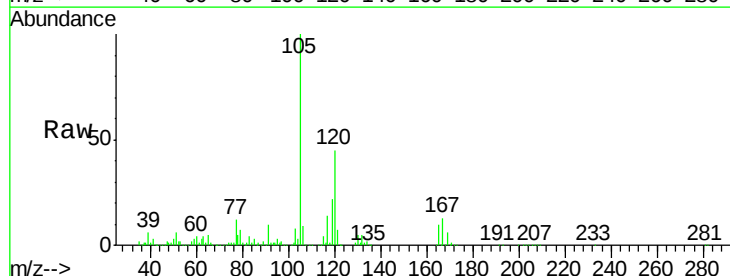


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

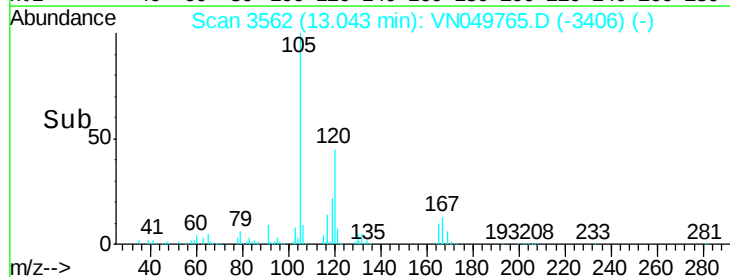
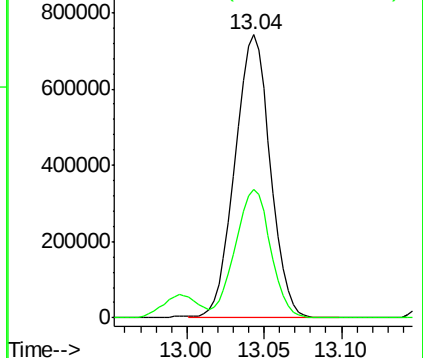


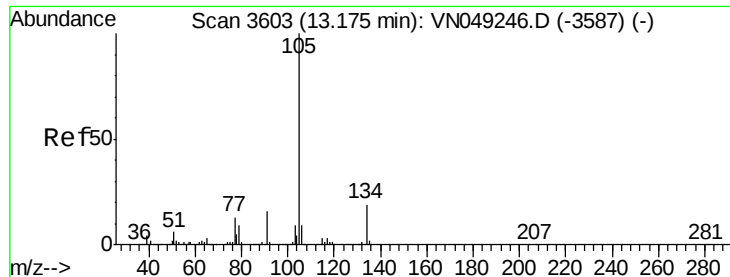
#80
1,2,4-Trimethylbenzene
Concen: 19.74 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion:105 Resp: 1177151
Ion Ratio Lower Upper
105 100
120 45.5 0.0 90.6



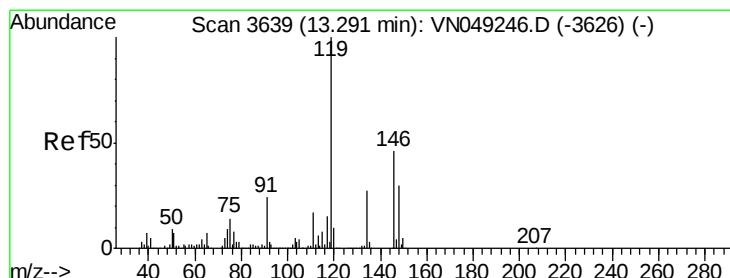
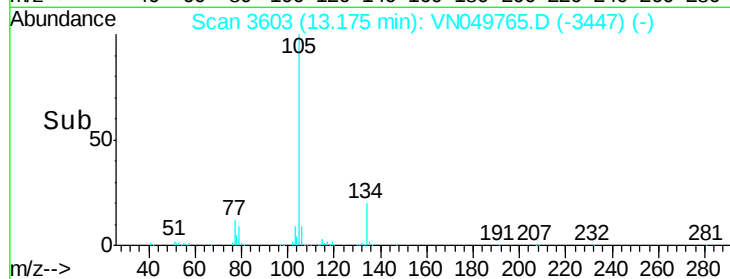
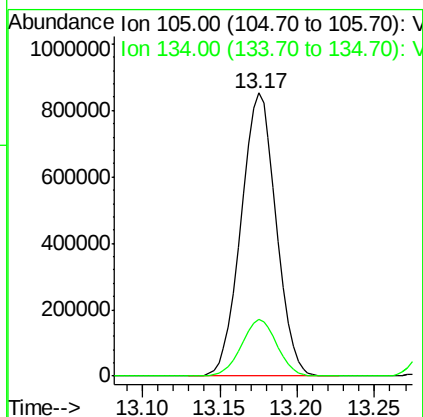
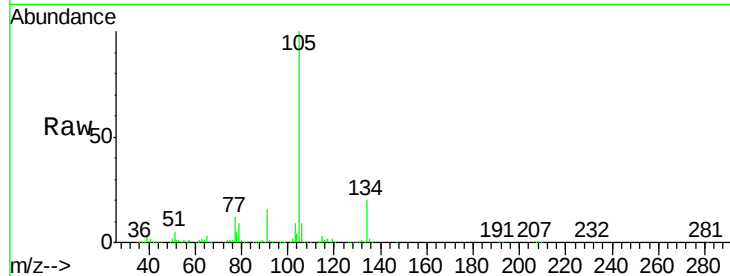
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





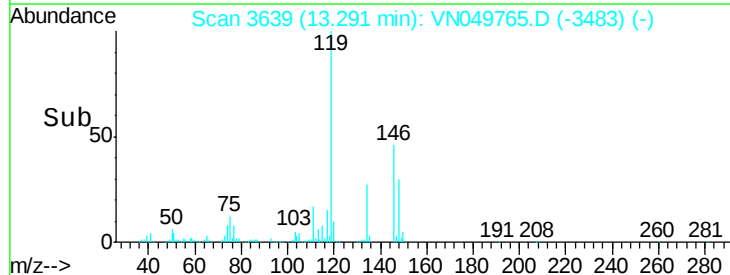
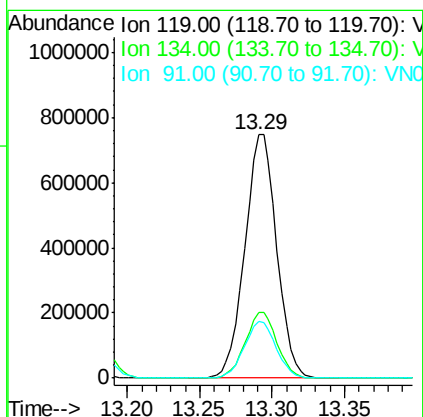
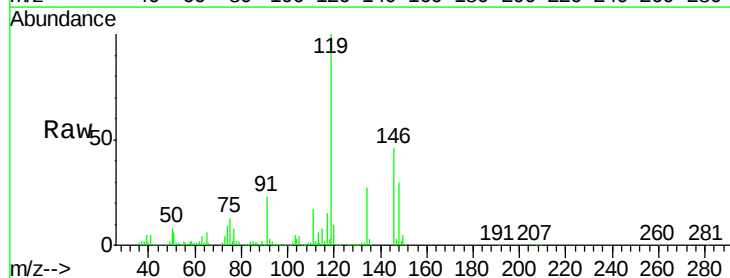
#81
 sec-Butylbenzene
 Concen: 19.47 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

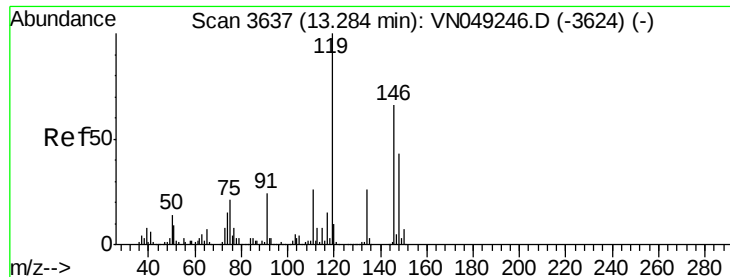
Tot Ion:105 Resp: 1340551
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 19.12 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

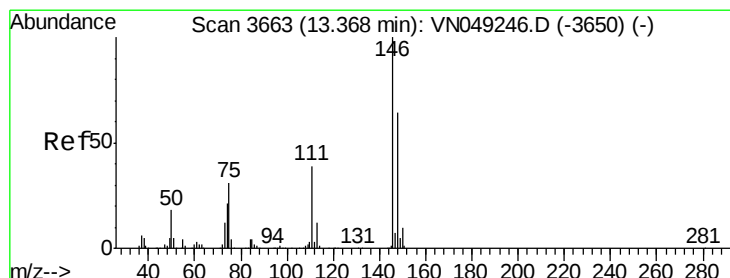
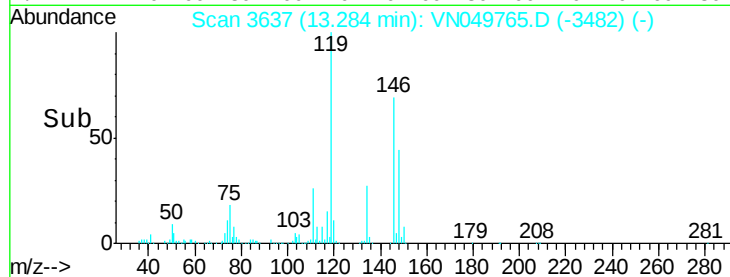
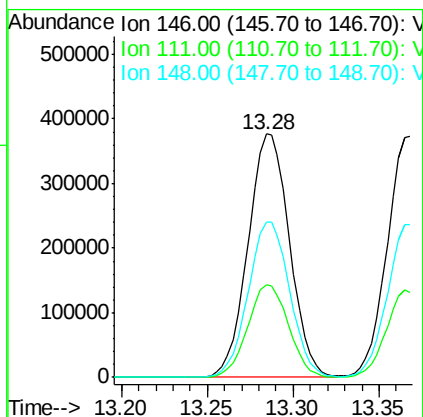
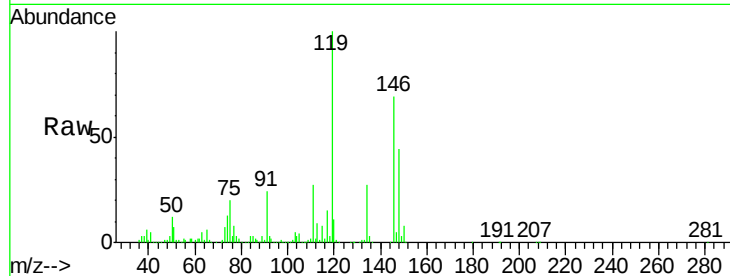
Tgt Ion:119 Resp: 1138459
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.2
 91 23.2 0.0 45.6





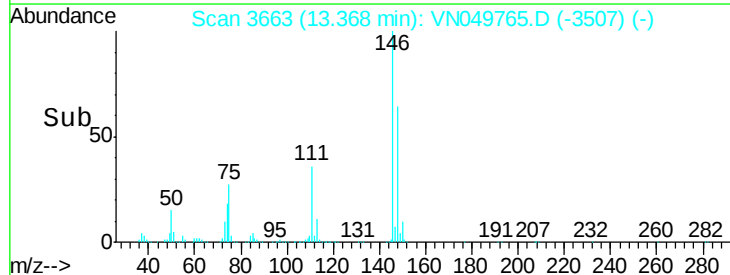
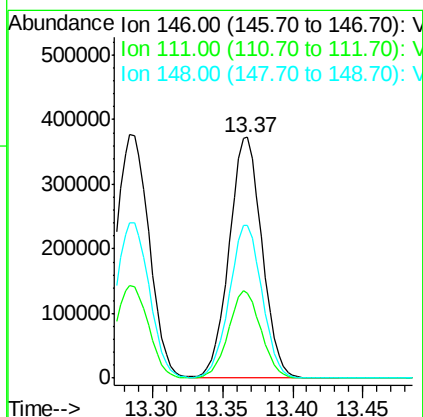
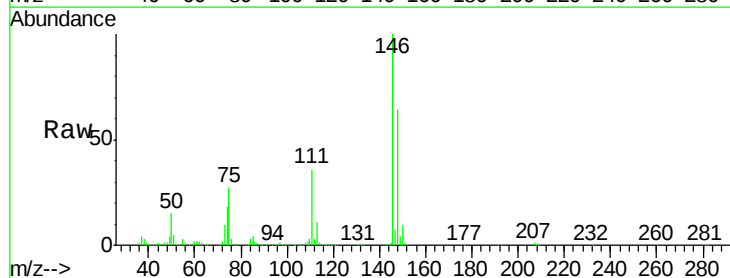
#83
 1,3-Dichlorobenzene
 Concen: 19.02 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

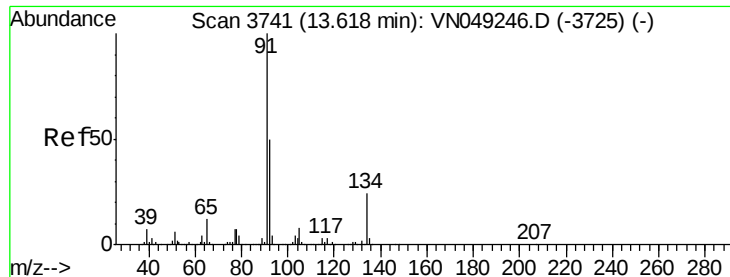
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	63.9	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 19.21 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

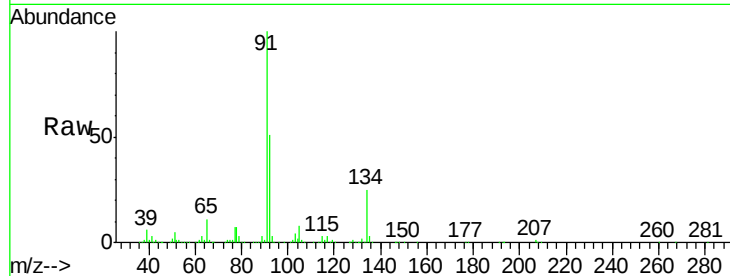
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.9	53.8
148	63.1	32.4	97.0





#85
n-Butylbenzene
Concen: 18.23 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

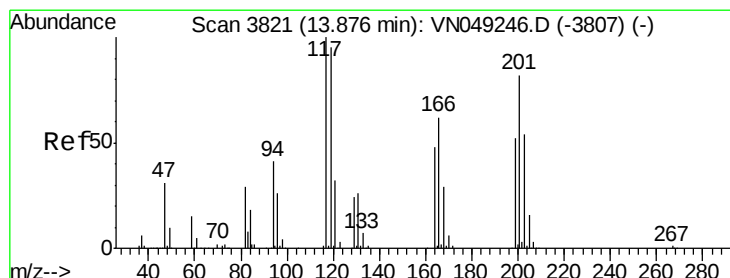
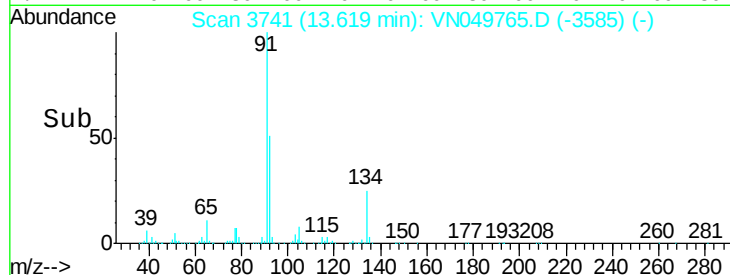
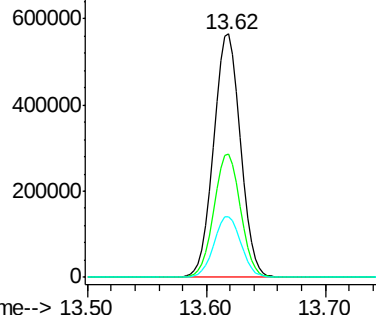
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.4	0.0	102.8
134	25.0	0.0	51.0



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

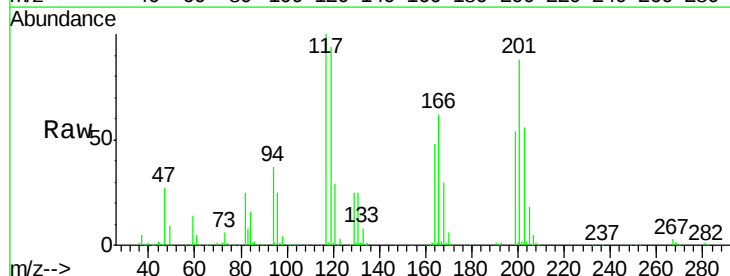
Ion 92.00 (91.70 to 92.70): VN049246.D (-3725) (-)

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



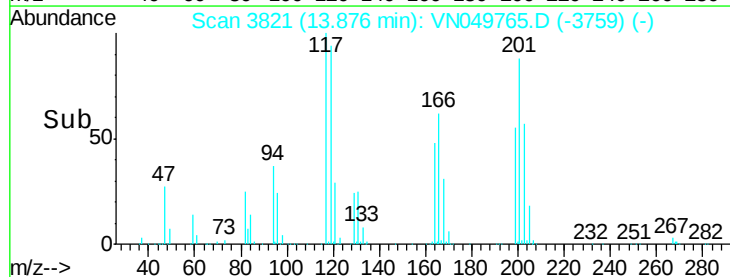
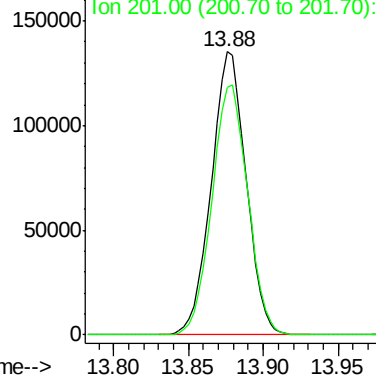
#86
Hexachloroethane
Concen: 19.37 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

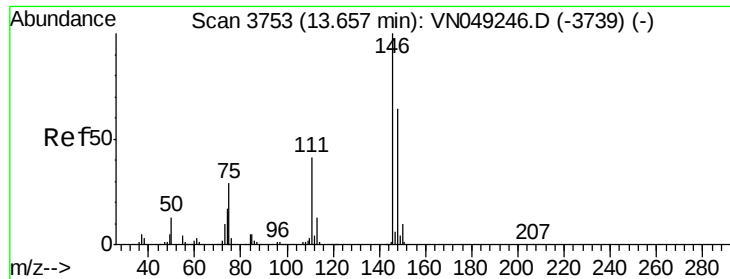
Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.7	46.6	139.7



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

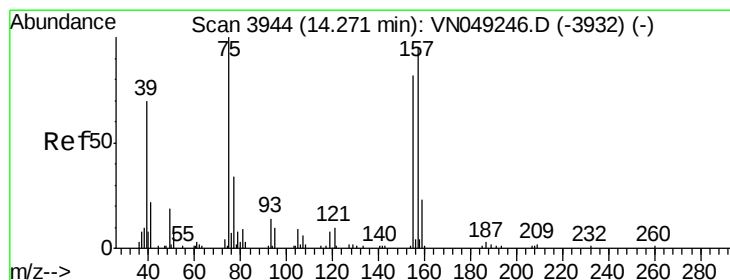
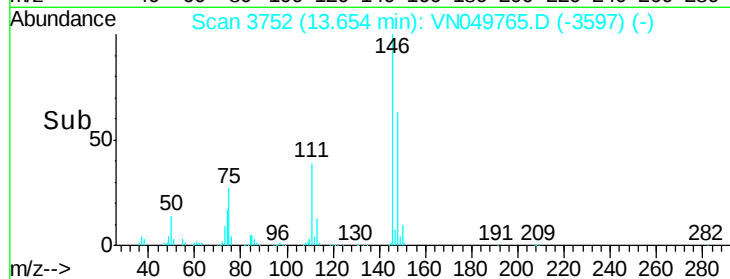
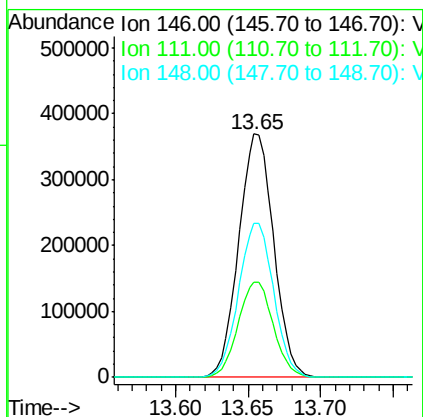
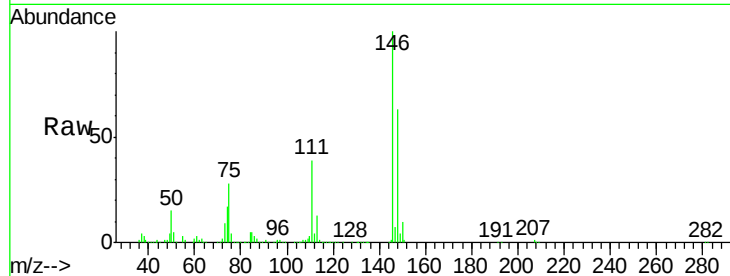
Ion 201.00 (200.70 to 201.70): VN049246.D (-3807) (-)





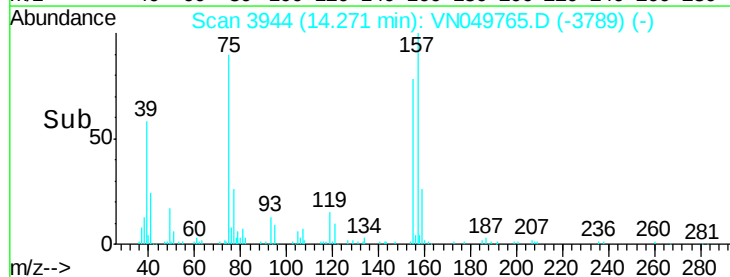
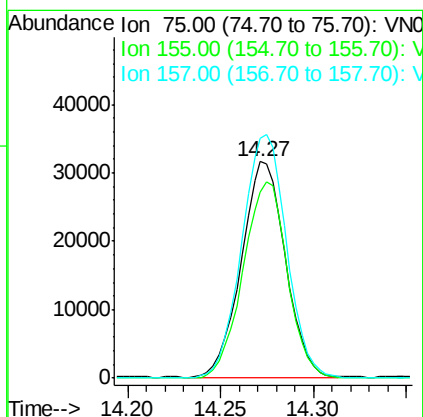
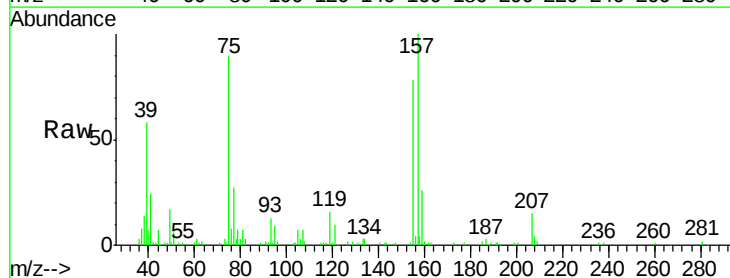
#87
 1,2-Dichlorobenzene
 Concen: 19.49 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

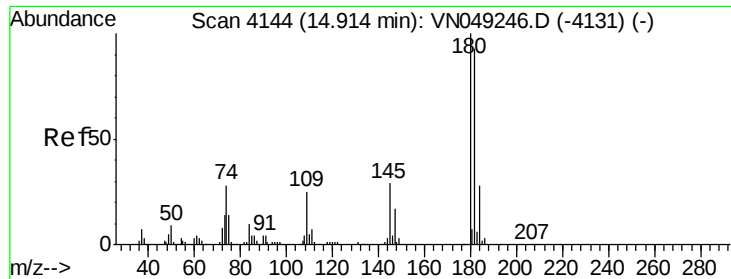
Tot Ion:146	Resp: 620502
Ion Ratio	Lower Upper
146 100	
111 39.2	19.8 59.3
148 63.6	31.8 95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.02 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

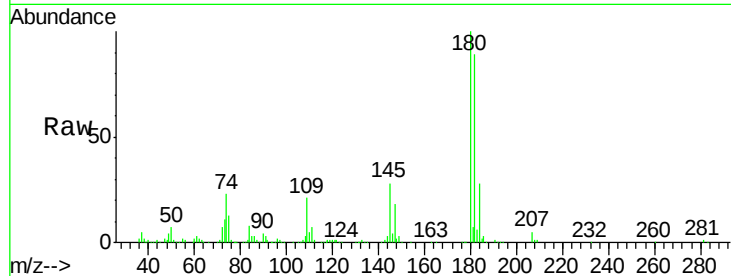
Tgt Ion: 75	Resp: 52840
Ion Ratio	Lower Upper
75 100	
155 90.2	73.0 109.6
157 113.7	94.9 142.3



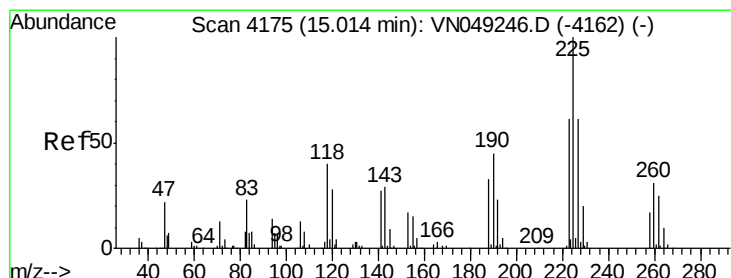
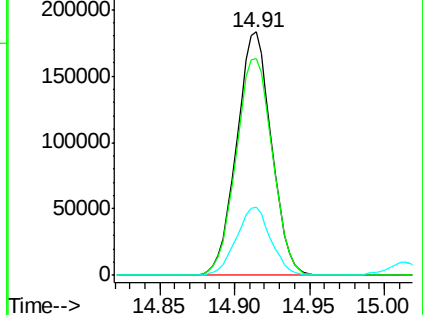
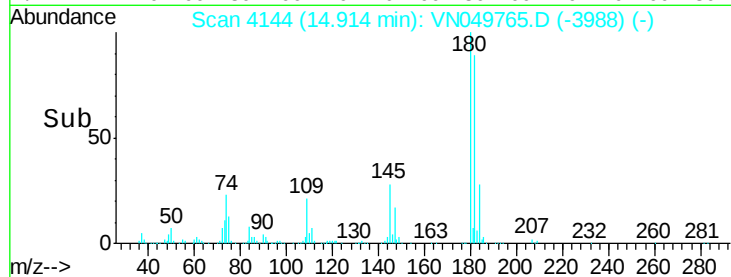


#89
 1,2,4-Trichlorobenzene
 Concen: 18.44 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.7	115.1
145	27.9	23.4	35.0

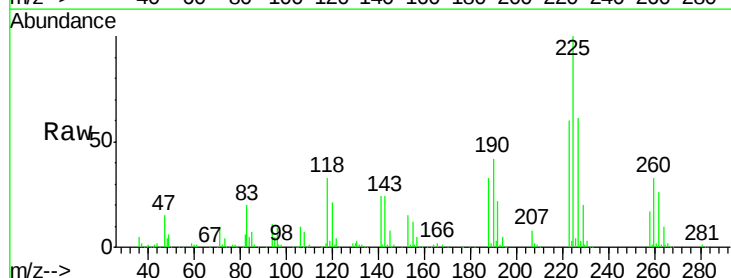


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

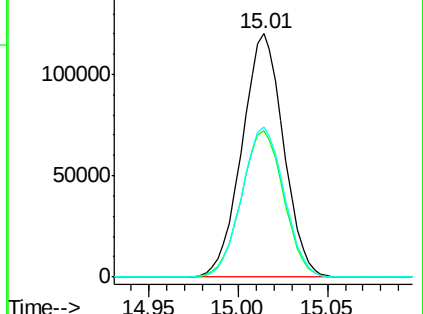
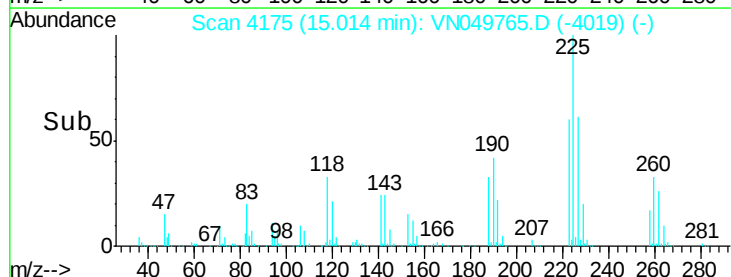


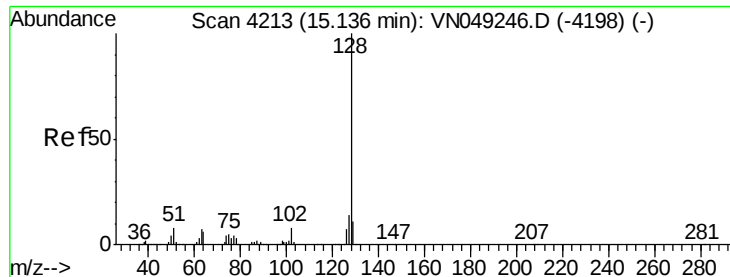
#90
 Hexachlorobutadiene
 Concen: 19.06 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049765.D
 Acq: 11 Jul 2018 19:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	0.0	124.4
227	62.9	0.0	133.0



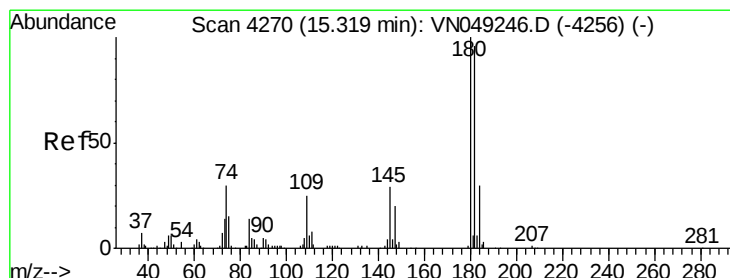
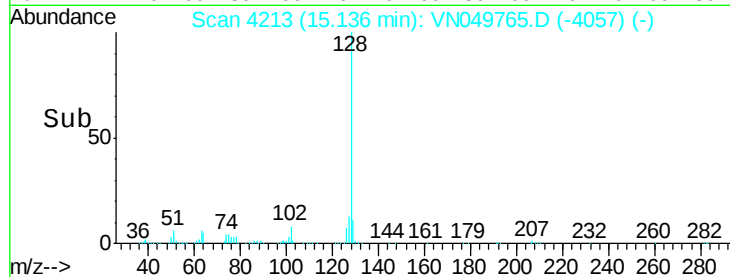
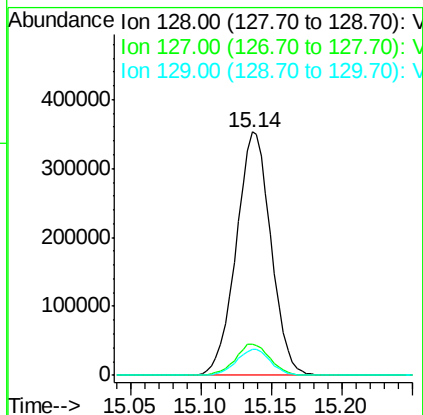
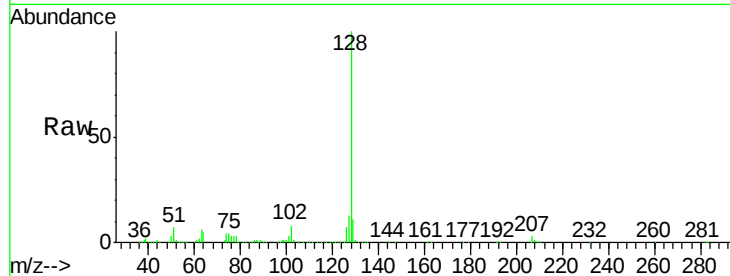
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91
Naphthalene
Concen: 17.19 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tot Ion:128 Resp: 609124
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 18.79 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049765.D
Acq: 11 Jul 2018 19:03

Tgt Ion:180 Resp: 303092
Ion Ratio Lower Upper
180 100
182 94.8 0.0 188.8
145 29.6 0.0 60.8

